

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077916.D
 Acq On : 25 May 2023 20:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

Quant Time: May 26 04:40:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	390187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	692264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	607974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	255409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	288778	49.464	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	8.171	113	247930	54.923	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.840%
50) Toluene-d8	10.576	98	906013	52.143	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.859	95	308919	50.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.680%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	190428	42.884	ug/l	99
3) Chloromethane	2.371	50	229354	48.666	ug/l	98
4) Vinyl Chloride	2.524	62	285464	50.988	ug/l	98
5) Bromomethane	2.953	94	213411	51.540	ug/l	99
6) Chloroethane	3.124	64	206310	51.133	ug/l	96
7) Trichlorofluoromethane	3.500	101	397550	50.952	ug/l	99
8) Diethyl Ether	3.971	74	151654	53.242	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.383	101	204559	47.375	ug/l	97
10) Methyl Iodide	4.600	142	320062	62.154	ug/l	99
11) Tert butyl alcohol	5.530	59	187139	232.261	ug/l	100
12) 1,1-Dichloroethene	4.347	96	216557	52.769	ug/l	94
13) Acrolein	4.189	56	122820	244.379	ug/l	94
14) Allyl chloride	5.030	41	321991	53.409	ug/l	96
15) Acrylonitrile	5.730	53	528737	245.627	ug/l	98
16) Acetone	4.436	43	402268	219.008	ug/l	98
17) Carbon Disulfide	4.724	76	532396	48.147	ug/l	97
18) Methyl Acetate	5.036	43	377126	48.942	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	785498	52.880	ug/l	95
20) Methylene Chloride	5.283	84	266921	56.072	ug/l	91
21) trans-1,2-Dichloroethene	5.794	96	247927	53.781	ug/l	92
22) Diisopropyl ether	6.683	45	734638	51.987	ug/l	94
23) Vinyl Acetate	6.612	43	2196270	250.848	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	472895	54.623	ug/l	98
25) 2-Butanone	7.488	43	667539	232.327	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	353479	48.059	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	303539	54.915	ug/l	95
28) Bromochloromethane	7.824	49	189071	50.498	ug/l	91
29) Tetrahydrofuran	7.847	42	441106	234.457	ug/l	85
30) Chloroform	7.977	83	502678	52.783	ug/l	93
31) Cyclohexane	8.265	56	351130	44.251	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	444225	54.864	ug/l	98
36) 1,1-Dichloropropene	8.382	75	356806	54.039	ug/l	97
37) Ethyl Acetate	7.565	43	285563	48.524	ug/l	94
38) Carbon Tetrachloride	8.365	117	385274	57.785	ug/l	95
39) Methylcyclohexane	9.606	83	370937	45.889	ug/l	93
40) Benzene	8.612	78	1107711	56.851	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	149698	47.764	ug/l	94
42) 1,2-Dichloroethane	8.677	62	381006	53.831	ug/l	98
43) Isopropyl Acetate	8.694	43	490264	51.002	ug/l	96
44) Trichloroethene	9.359	130	284626	57.691	ug/l	97
45) 1,2-Dichloropropane	9.629	63	283638	57.071	ug/l	96
46) Dibromomethane	9.712	93	197289	55.476	ug/l	94
47) Bromodichloromethane	9.894	83	392910	57.708	ug/l	100
48) Methyl methacrylate	9.688	41	233538	51.242	ug/l	90
49) 1,4-Dioxane	9.700	88	95346	1107.655	ug/l	94
51) 4-Methyl-2-Pentanone	10.453	43	1468570	257.020	ug/l	95
52) Toluene	10.635	92	697297	57.486	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	414220	57.451	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	449612	56.587	ug/l	97
55) 1,1,2-Trichloroethane	11.023	97	278444	57.813	ug/l	98
56) Ethyl methacrylate	10.882	69	404722	55.576	ug/l	92
57) 1,3-Dichloropropane	11.170	76	469851	56.905	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	794431	221.748	ug/l	94
59) 2-Hexanone	11.200	43	1030738	243.887	ug/l	94
60) Dibromochloromethane	11.365	129	298628	60.061	ug/l	100
61) 1,2-Dibromoethane	11.476	107	282393	58.773	ug/l	99
64) Tetrachloroethene	11.112	164	263071	61.874	ug/l	99
65) Chloroethene	11.900	112	747591	56.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	282867	62.025	ug/l	98
67) Ethyl Benzene	11.970	91	1309771	55.453	ug/l	100
68) m/p-Xylenes	12.076	106	1025316	114.565	ug/l	100
69) o-Xylene	12.406	106	505960	57.486	ug/l	98
70) Styrene	12.417	104	807576	57.759	ug/l	98
71) Bromoform	12.588	173	186253	61.393	ug/l #	100
73) Isopropylbenzene	12.700	105	1260634	57.259	ug/l	99
74) N-amyl acetate	12.500	43	413570	50.820	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	361282	53.341	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	315242m	49.285	ug/l	
77) Bromobenzene	12.988	156	287090	57.140	ug/l	96
78) n-propylbenzene	13.041	91	1407039	54.209	ug/l	99
79) 2-Chlorotoluene	13.135	91	877998	56.688	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1052907	56.902	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	102662	51.304	ug/l	95
82) 4-Chlorotoluene	13.229	91	845050	54.837	ug/l	98
83) tert-Butylbenzene	13.447	119	876223	54.243	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1053591	57.895	ug/l	97
85) sec-Butylbenzene	13.623	105	1167812	50.869	ug/l	99
86) p-Isopropyltoluene	13.735	119	986345	53.892	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	500980	53.917	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	492607	53.426	ug/l	100
89) n-Butylbenzene	14.064	91	792425	47.073	ug/l	98
90) Hexachloroethane	14.341	117	163623	54.420	ug/l	88
91) 1,2-Dichlorobenzene	14.111	146	505108	58.190	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	62672	47.794	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	214323	42.252	ug/l	98
94) Hexachlorobutadiene	15.511	225	88004	41.785	ug/l	99
95) Naphthalene	15.647	128	707689	40.532	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	220037	44.304	ug/l	98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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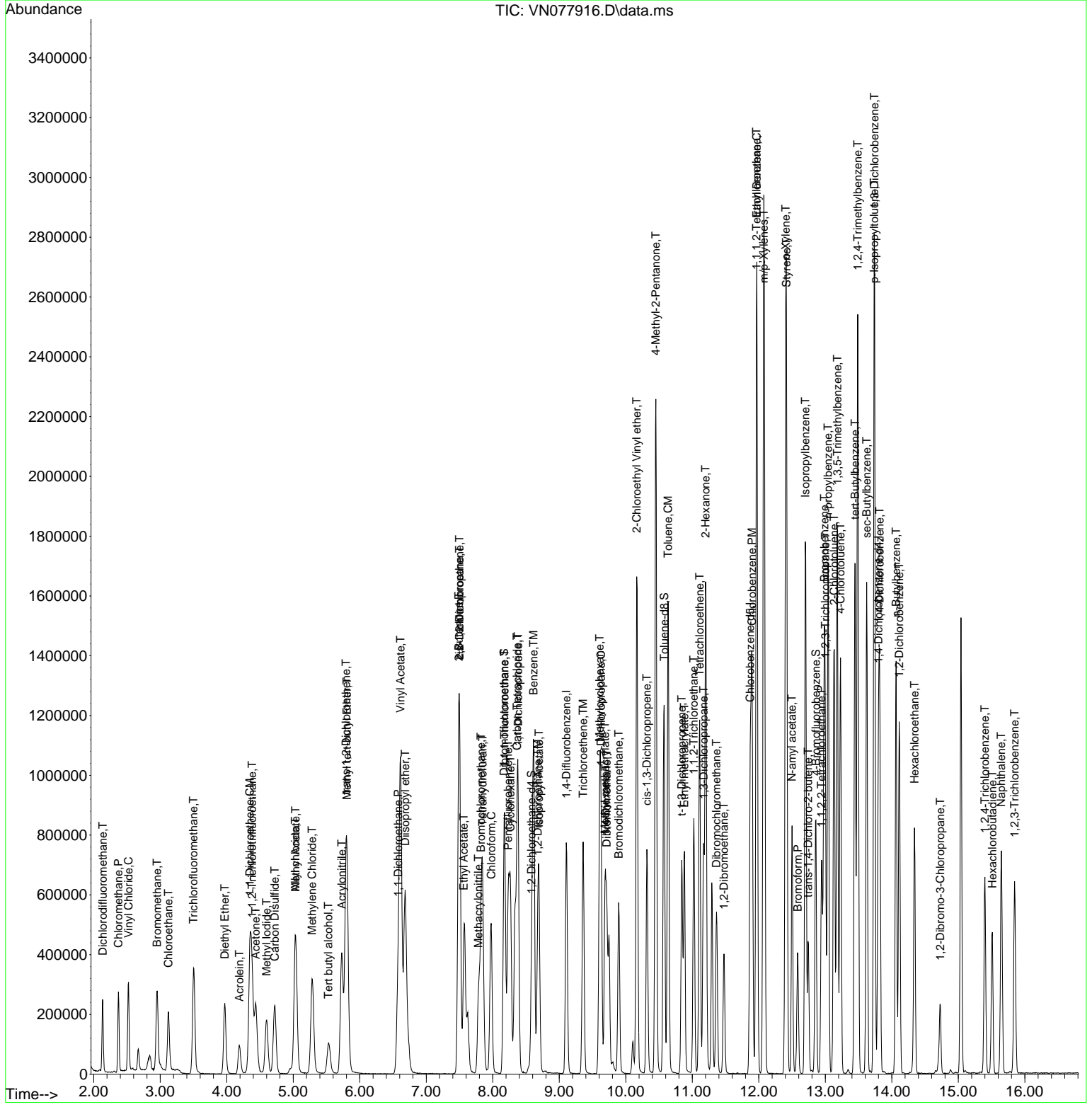
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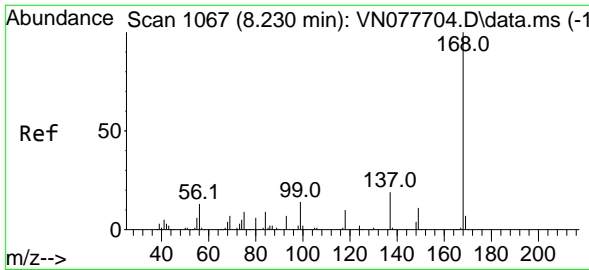
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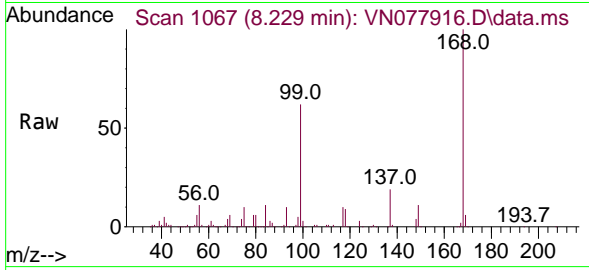
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.001 min
 Lab File: VN077916.D
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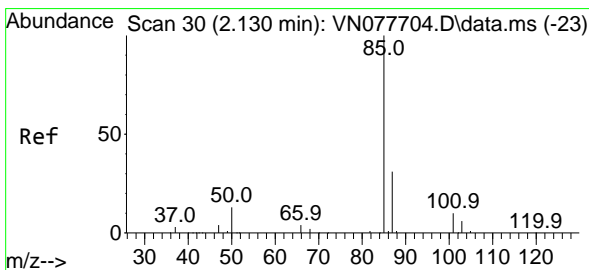
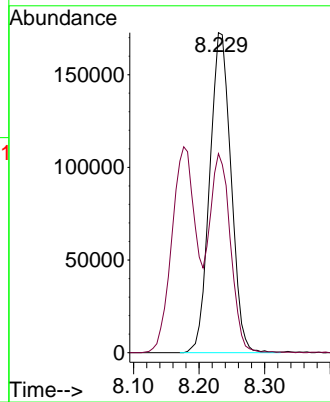
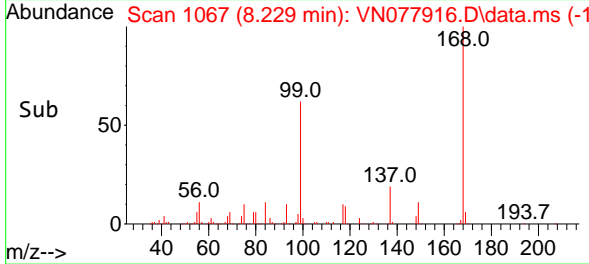
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 Ion Ratio Lower Upper
 168 100
 99 62.0 53.0 79.6

Manual Integrations

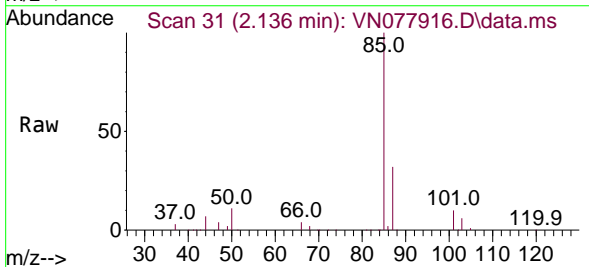
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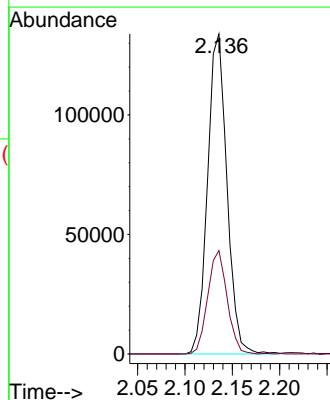
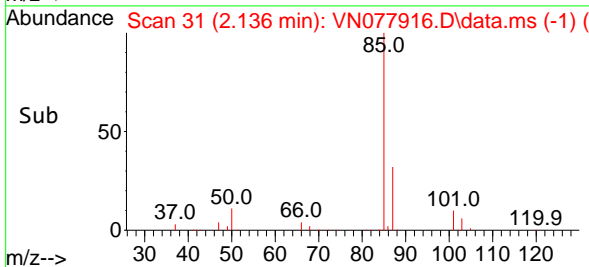
Supervised By :Mahesh Dadoda 05/26/2023

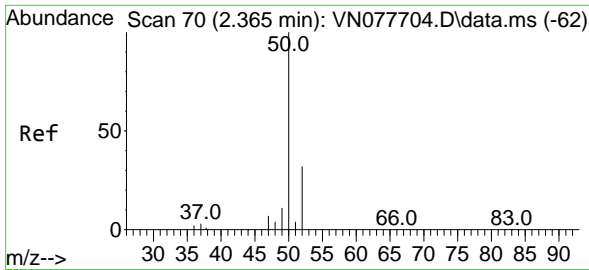


#2
 Dichlorodifluoromethane
 Concen: 42.884 ug/l
 RT: 2.136 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



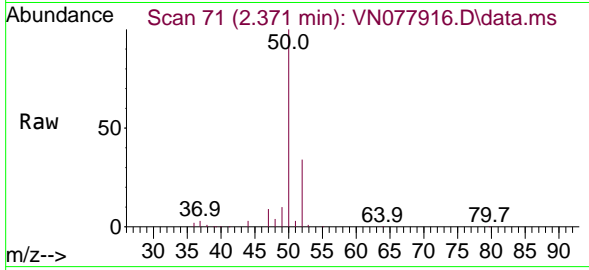
Tgt Ion: 85 Resp: 190428
 Ion Ratio Lower Upper
 85 100
 87 32.3 15.8 47.4





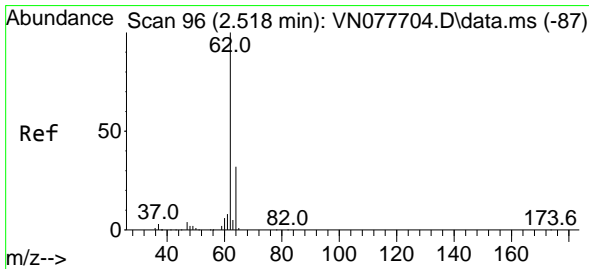
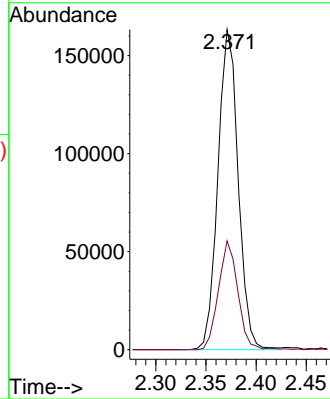
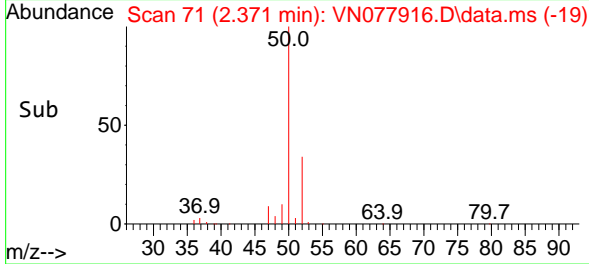
#3
 Chloromethane
 Concen: 48.666 ug/l
 RT: 2.371 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

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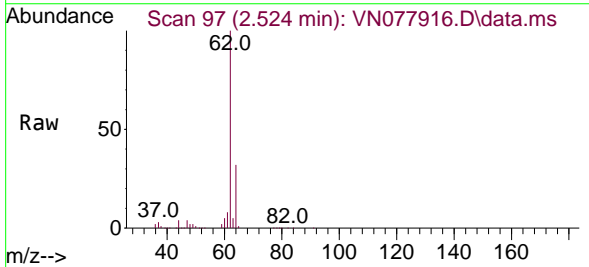


Tgt Ion: 50 Resp: 229354
 Ion Ratio Lower Upper
 50 100
 52 34.0 26.5 39.7

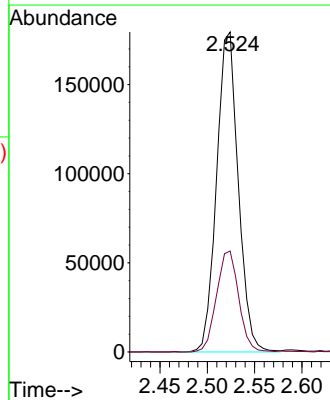
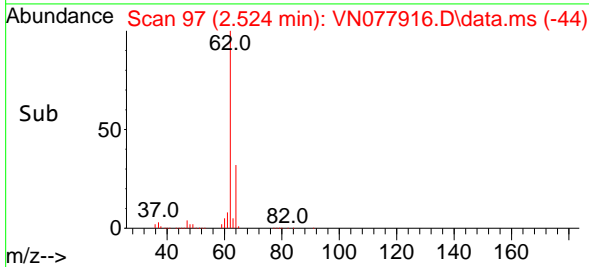
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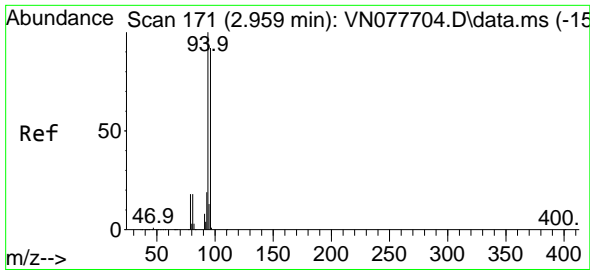


#4
 Vinyl Chloride
 Concen: 50.988 ug/l
 RT: 2.524 min Scan# 97
 Delta R.T. 0.012 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



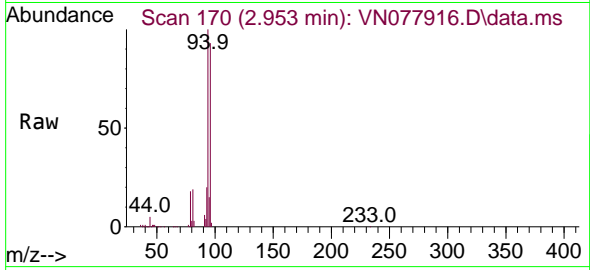
Tgt Ion: 62 Resp: 285464
 Ion Ratio Lower Upper
 62 100
 64 31.6 26.2 39.2





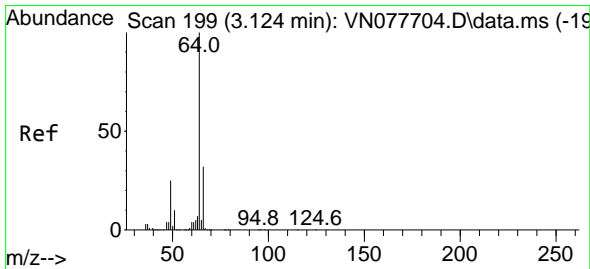
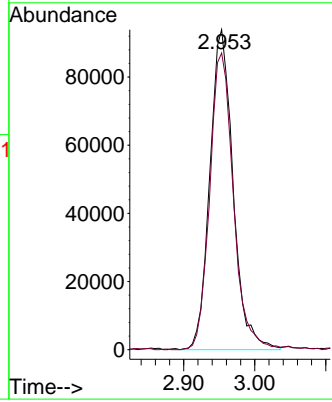
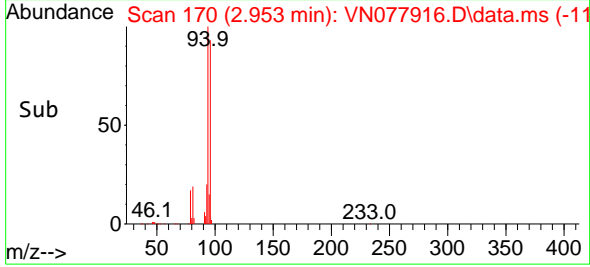
#5
 Bromomethane
 Concen: 51.540 ug/l
 RT: 2.953 min Scan# 171
 Delta R.T. 0.006 min
 Lab File: VN077916.D
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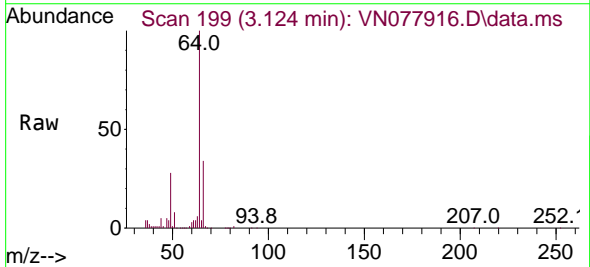


Tgt Ion: 94 Resp: 21341
 Ion Ratio Lower Upper
 94 100
 96 92.7 73.1 109.7

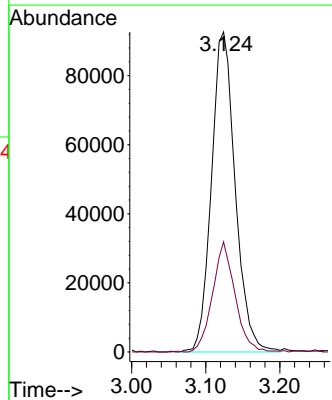
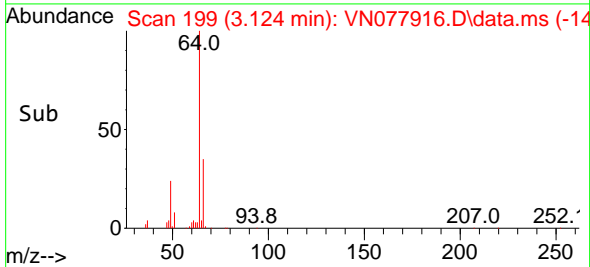
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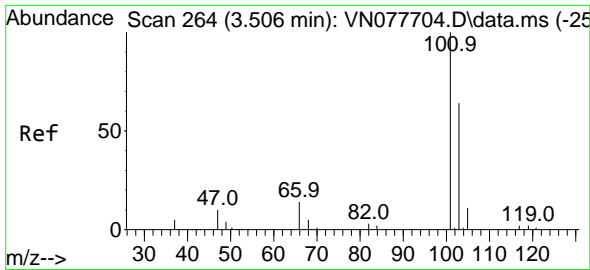


#6
 Chloroethane
 Concen: 51.133 ug/l
 RT: 3.124 min Scan# 199
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion: 64 Resp: 206310
 Ion Ratio Lower Upper
 64 100
 66 34.2 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 50.952 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

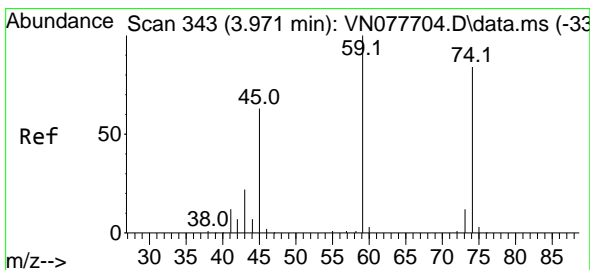
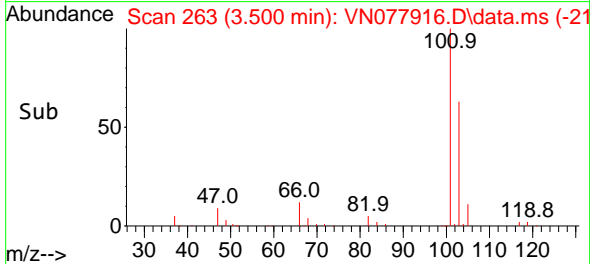
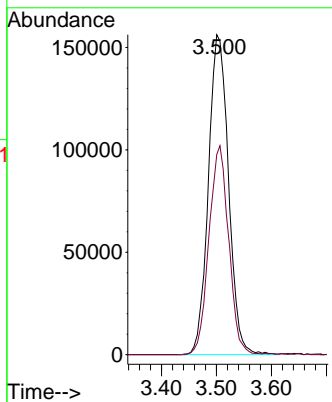
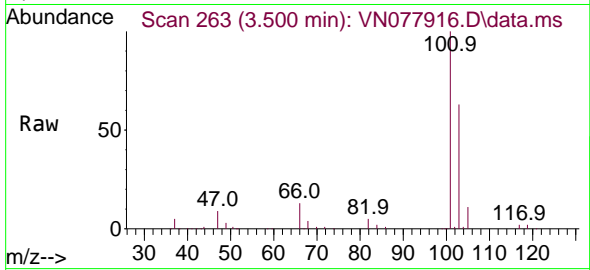
VSTDCCC050EC

Tgt Ion:101 Resp: 397550
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.7 76.1

Manual Integrations

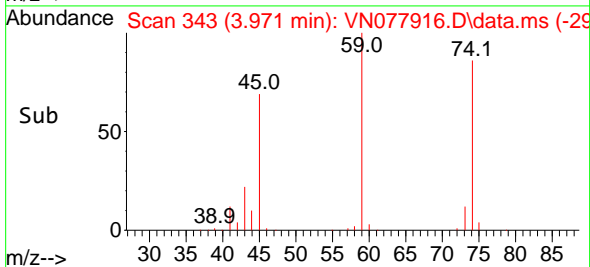
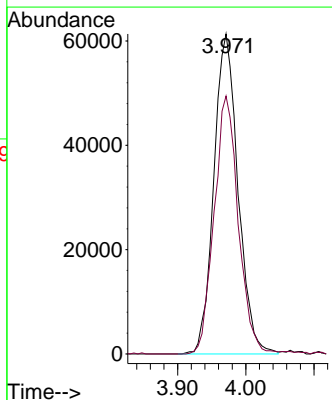
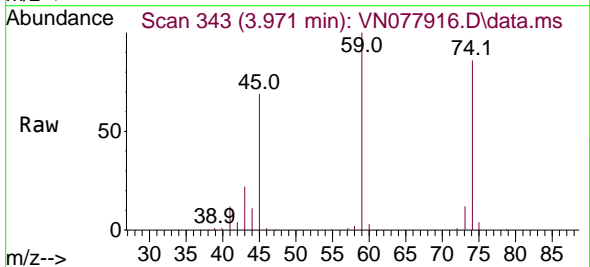
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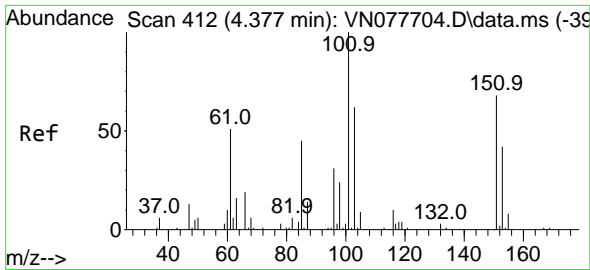
Reviewed By :John Carlone 05/26/2023
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#8
 Diethyl Ether
 Concen: 53.242 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VN077916.D
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Tgt Ion: 74 Resp: 151654
 Ion Ratio Lower Upper
 74 100
 45 80.5 34.4 103.3





#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.375 ug/l
 RT: 4.383 min Scan# 411
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

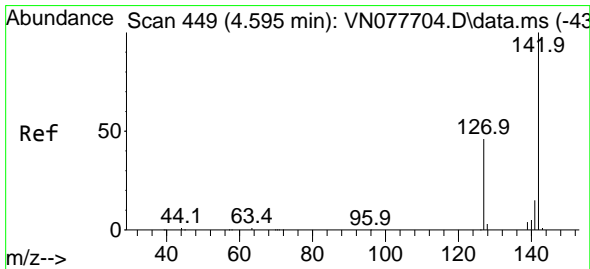
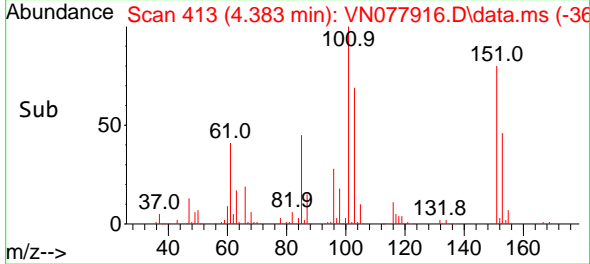
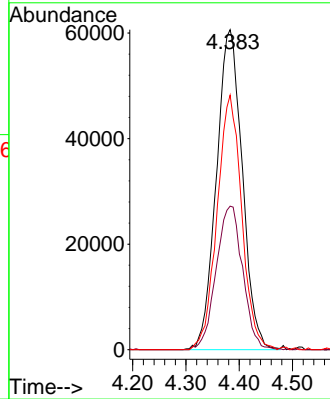
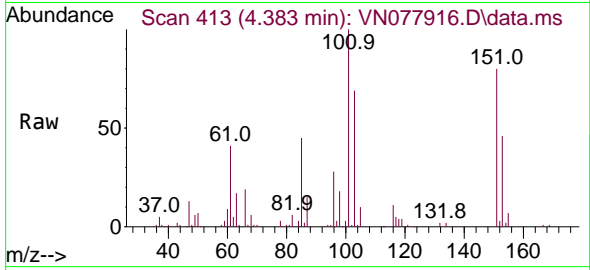
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

Tgt Ion:101 Resp: 204559

Ion	Ratio	Lower	Upper
101	100		
85	46.0	36.6	55.0
151	75.7	57.6	86.4

Manual Integrations
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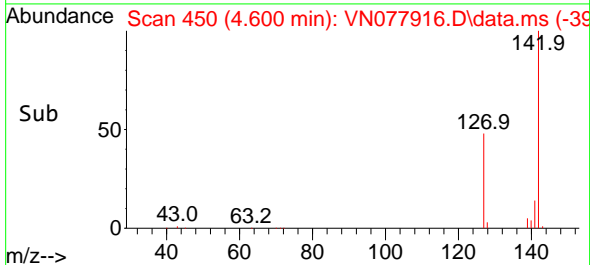
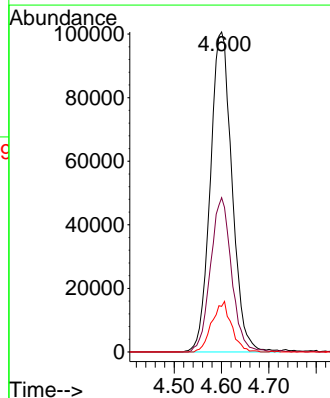
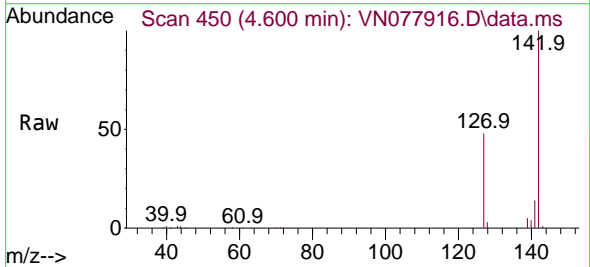
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

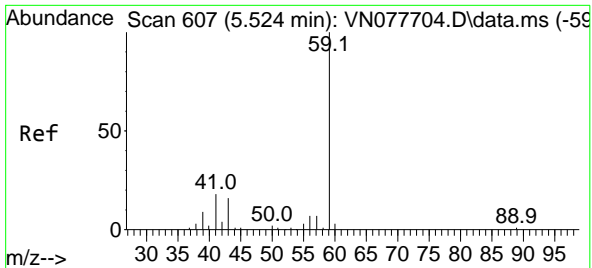


#10
 Methyl Iodide
 Concen: 62.154 ug/l
 RT: 4.600 min Scan# 450
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Tgt Ion:142 Resp: 320062

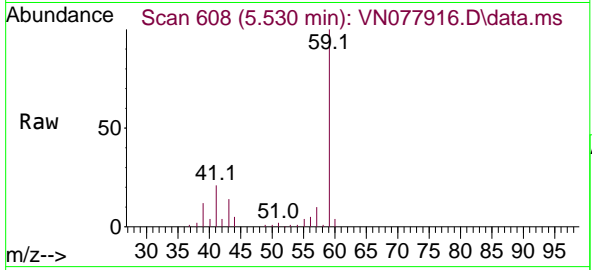
Ion	Ratio	Lower	Upper
142	100		
127	48.2	37.6	56.4
141	14.2	11.4	17.0





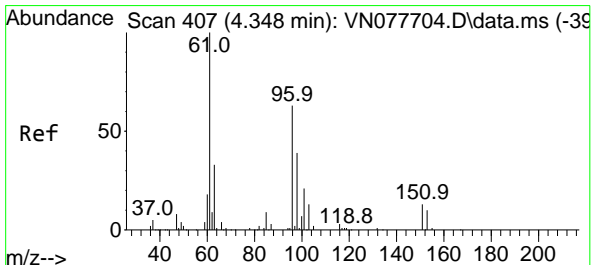
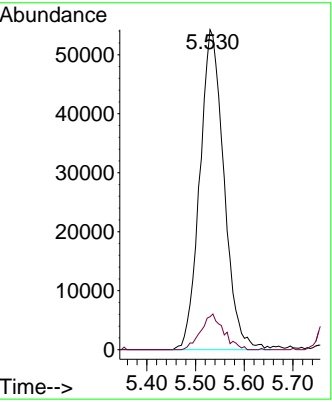
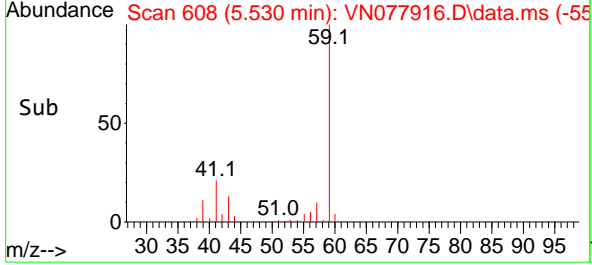
#11
 Tert butyl alcohol
 Concen: 232.261 ug/l
 RT: 5.530 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

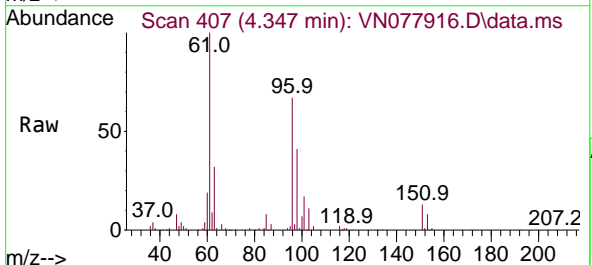


Tgt Ion: 59 Resp: 187139
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.4

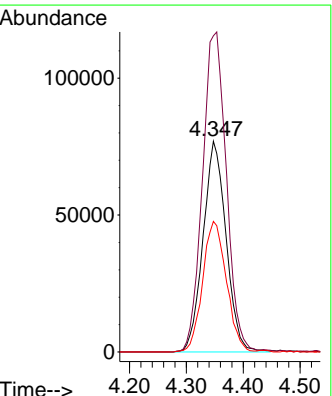
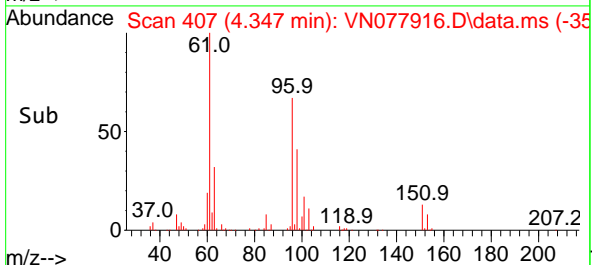
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APPROVED
 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

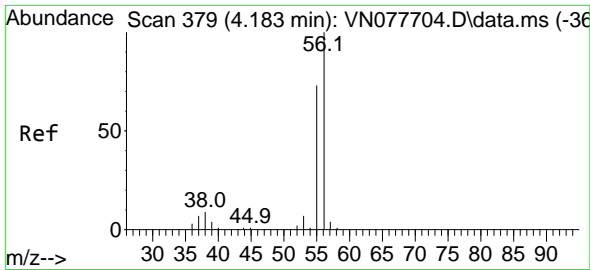


#12
 1,1-Dichloroethene
 Concen: 52.769 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



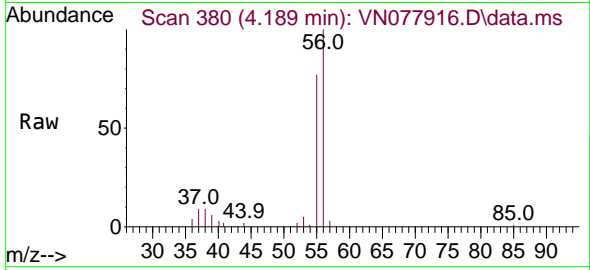
Tgt Ion: 96 Resp: 216557
 Ion Ratio Lower Upper
 96 100
 61 150.1 112.7 169.1
 98 62.0 51.2 76.8





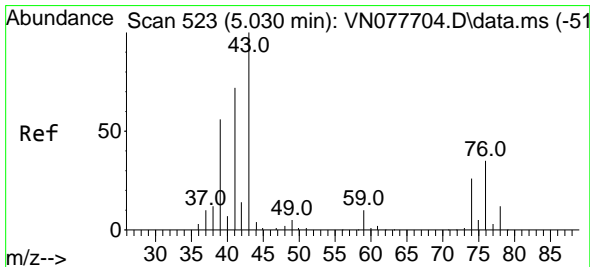
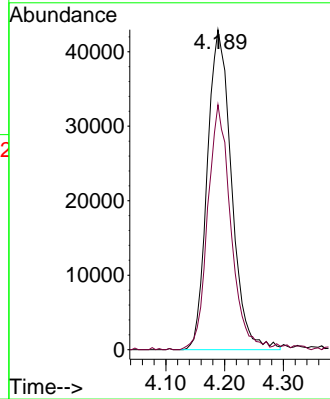
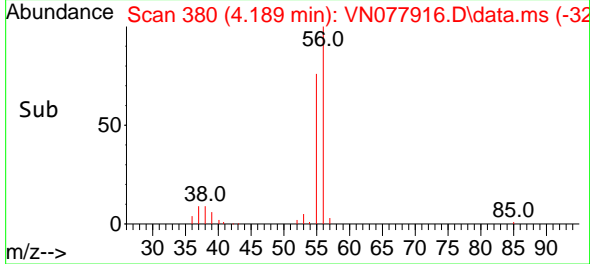
#13
 Acrolein
 Concen: 244.379 ug/l
 RT: 4.189 min Scan# 379
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

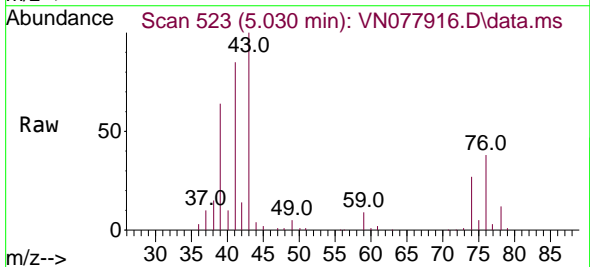


Tgt Ion: 56 Resp: 122820
 Ion Ratio Lower Upper
 56 100
 55 72.9 54.5 81.7

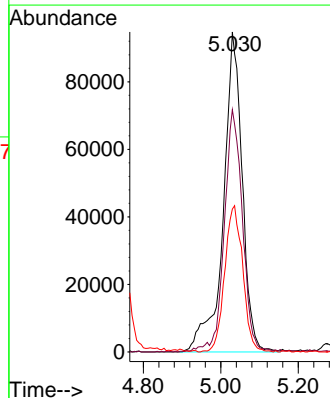
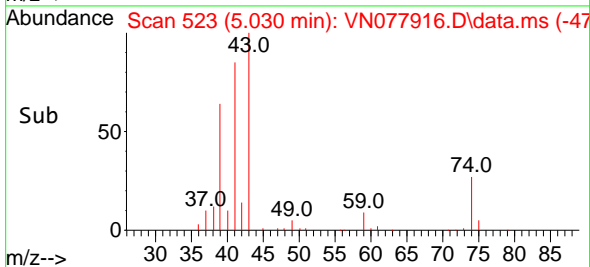
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 Supervised By :Mahesh Dadoda 05/26/2023

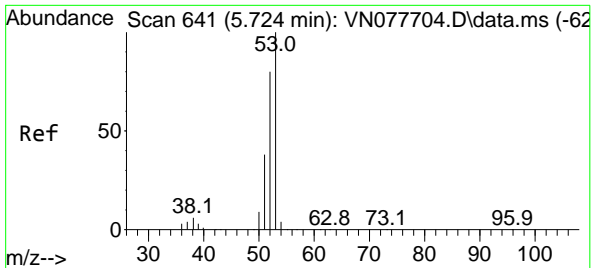


#14
 Allyl chloride
 Concen: 53.409 ug/l
 RT: 5.030 min Scan# 523
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



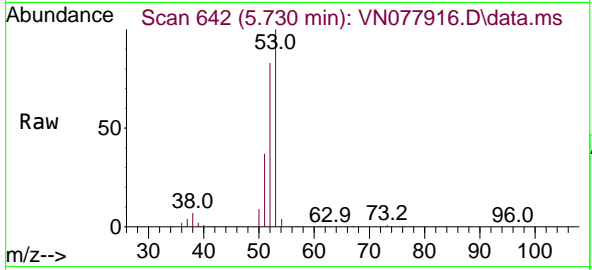
Tgt Ion: 41 Resp: 321991
 Ion Ratio Lower Upper
 41 100
 39 72.5 58.8 88.2
 76 43.6 39.1 58.7





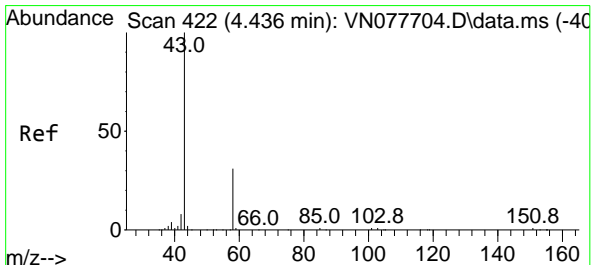
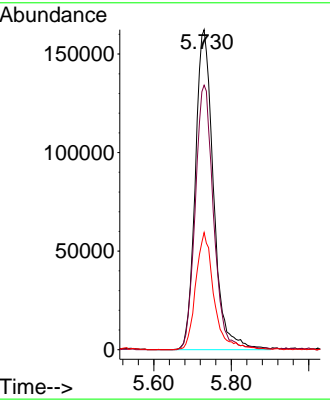
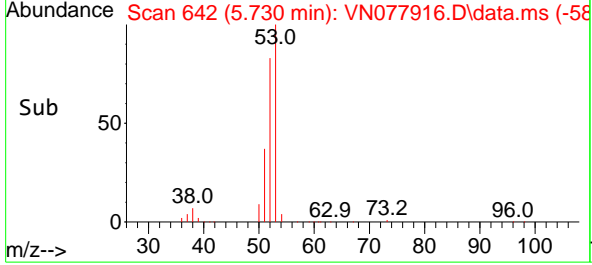
#15
 Acrylonitrile
 Concen: 245.627 ug/l
 RT: 5.730 min Scan# 641
 Delta R.T. 0.012 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

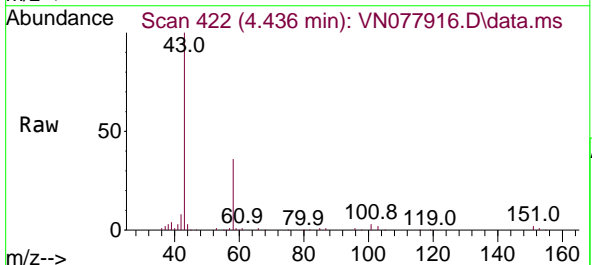


Tgt Ion: 53 Resp: 52873
 Ion Ratio Lower Upper
 53 100
 52 83.3 65.3 97.9
 51 36.6 28.9 43.3

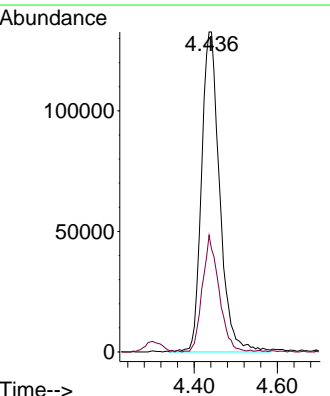
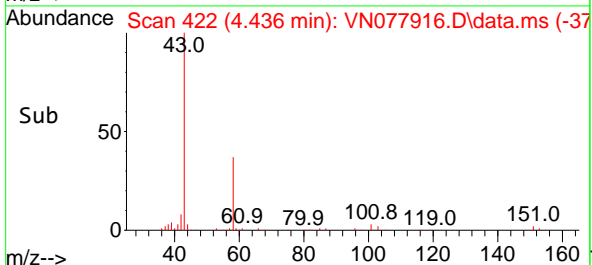
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APPROVED
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 Supervised By :Mahesh Dadoda 05/26/2023

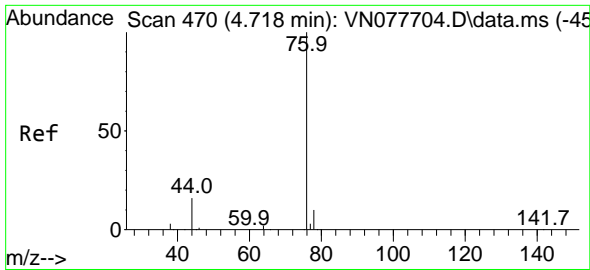


#16
 Acetone
 Concen: 219.008 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



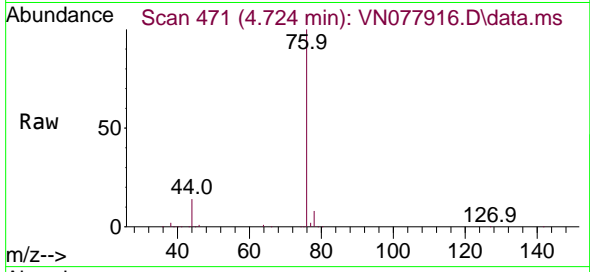
Tgt Ion: 43 Resp: 402268
 Ion Ratio Lower Upper
 43 100
 58 36.1 28.0 42.0





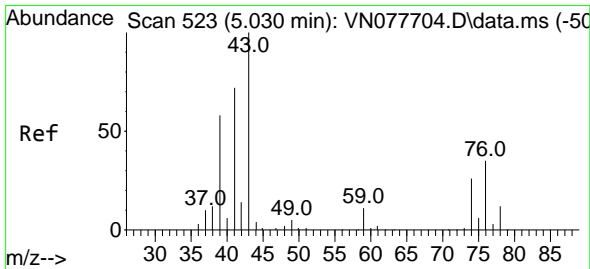
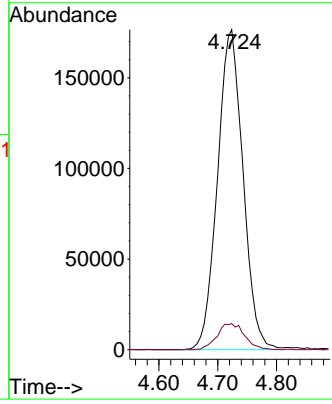
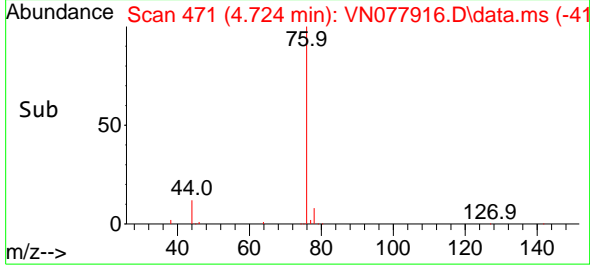
#17
 Carbon Disulfide
 Concen: 48.147 ug/l
 RT: 4.724 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

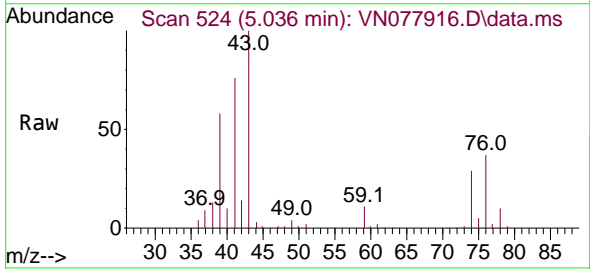


Tgt Ion: 76 Resp: 532390
 Ion Ratio Lower Upper
 76 100
 78 8.2 7.4 11.0

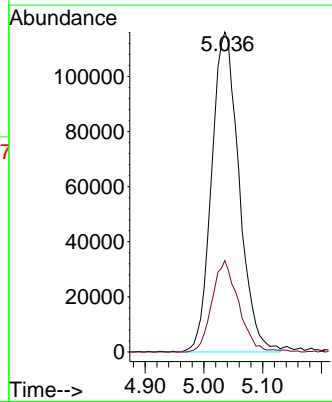
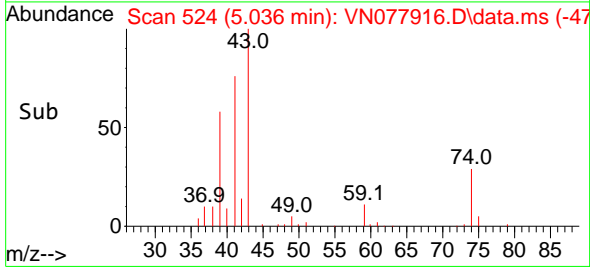
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

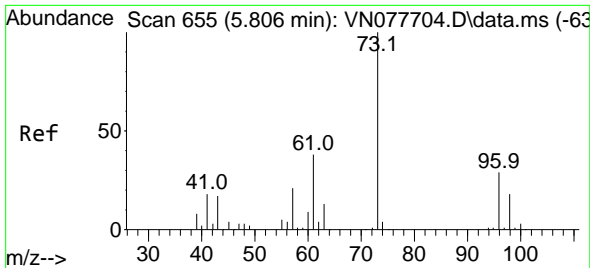


#18
 Methyl Acetate
 Concen: 48.942 ug/l
 RT: 5.036 min Scan# 524
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



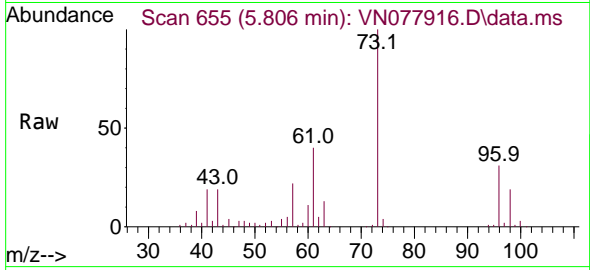
Tgt Ion: 43 Resp: 377126
 Ion Ratio Lower Upper
 43 100
 74 27.6 26.2 39.4





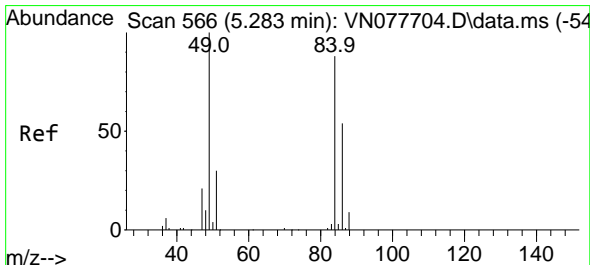
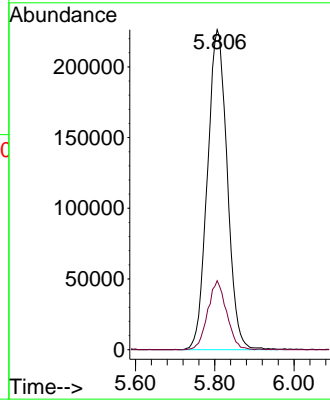
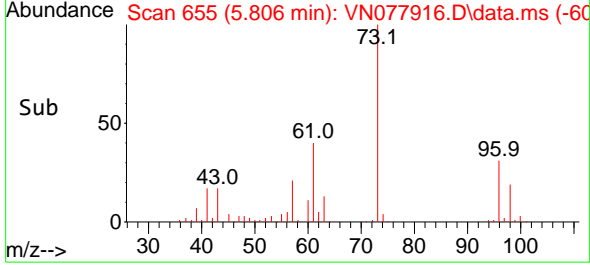
#19
 Methyl tert-butyl Ether
 Concen: 52.880 ug/l
 RT: 5.806 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 ClientSampleId : VSTDC050EC

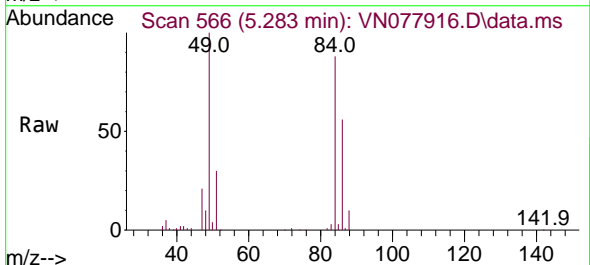


Tgt Ion: 73 Resp: 785498
 Ion Ratio Lower Upper
 73 100
 57 21.6 15.6 23.4

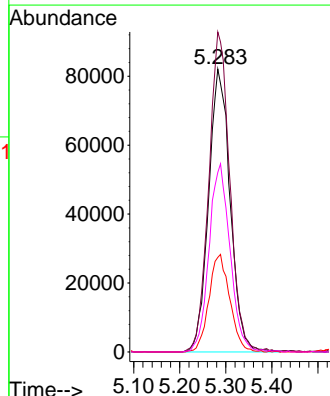
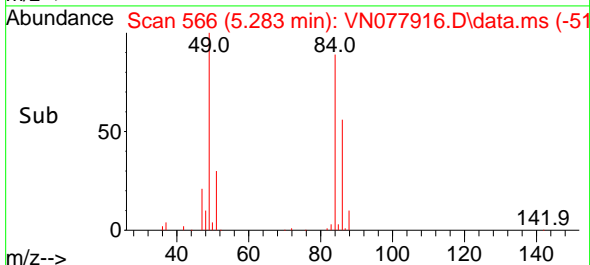
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

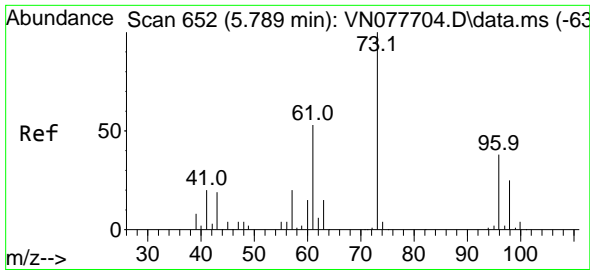


#20
 Methylene Chloride
 Concen: 56.072 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



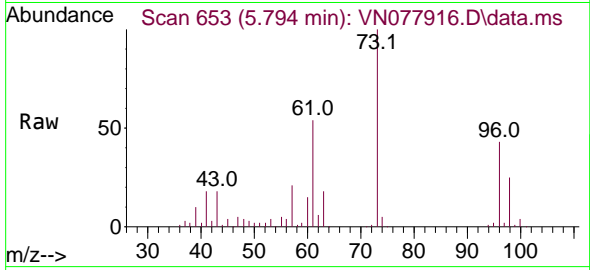
Tgt Ion: 84 Resp: 266921
 Ion Ratio Lower Upper
 84 100
 49 113.1 79.7 119.5
 51 33.4 25.2 37.8
 86 63.5 53.3 79.9





#21
 trans-1,2-Dichloroethene
 Concen: 53.781 ug/l
 RT: 5.794 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

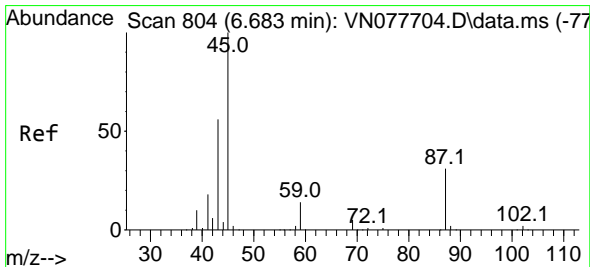
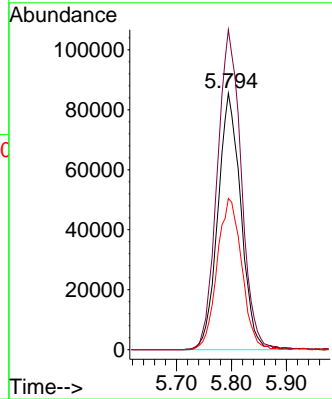
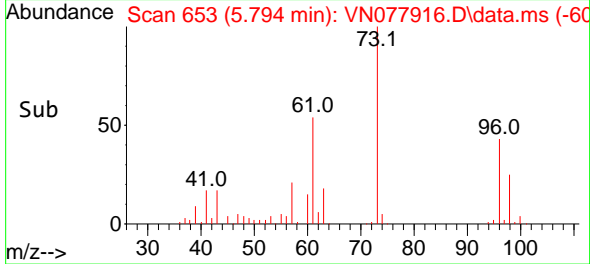
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



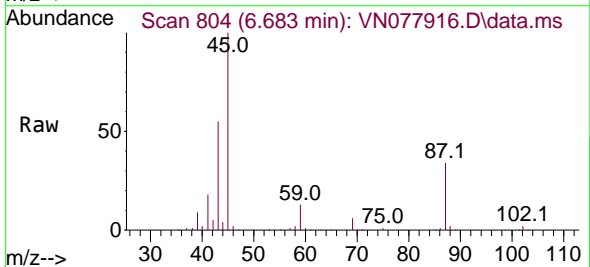
Tgt Ion: 96 Resp: 24792
 Ion Ratio Lower Upper
 96 100
 61 124.8 90.1 135.1
 98 59.0 46.4 69.6

Manual Integrations
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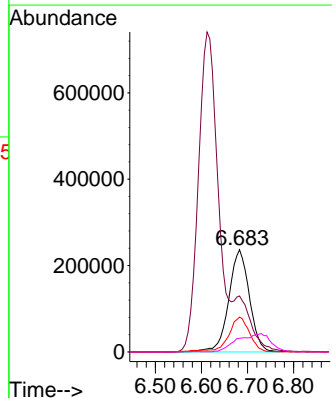
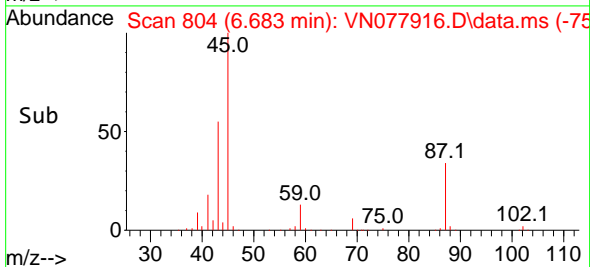
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

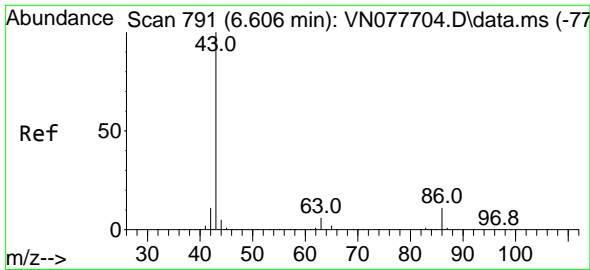


#22
 Diisopropyl ether
 Concen: 51.987 ug/l
 RT: 6.683 min Scan# 804
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



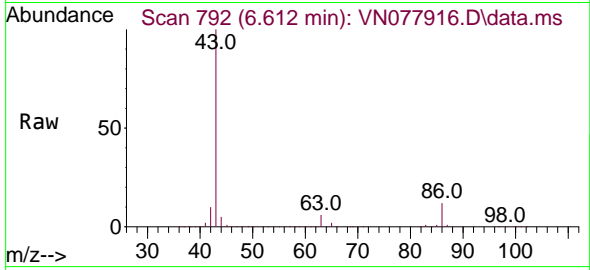
Tgt Ion: 45 Resp: 734638
 Ion Ratio Lower Upper
 45 100
 43 53.8 45.5 68.3
 87 34.0 31.8 47.8
 59 13.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 250.848 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

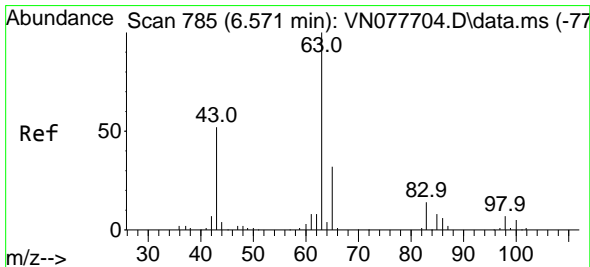
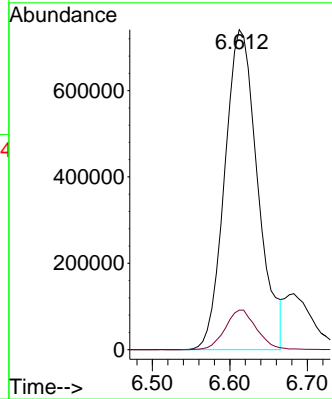
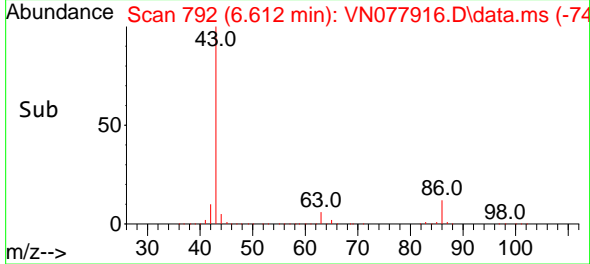
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



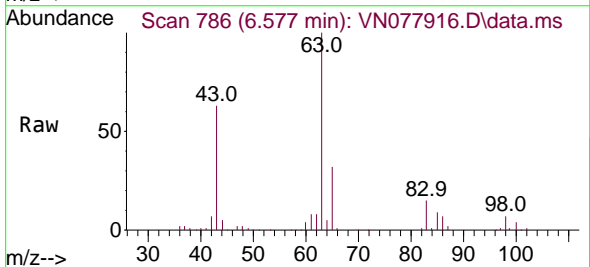
Tgt Ion: 43 Resp: 2196270
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

Manual Integrations
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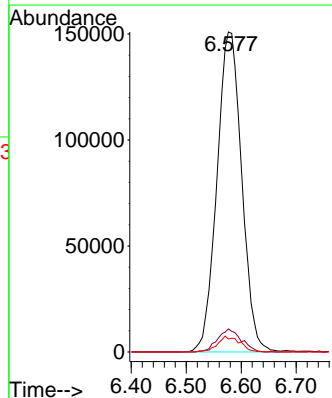
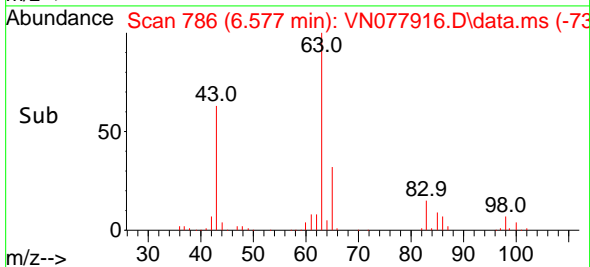
Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

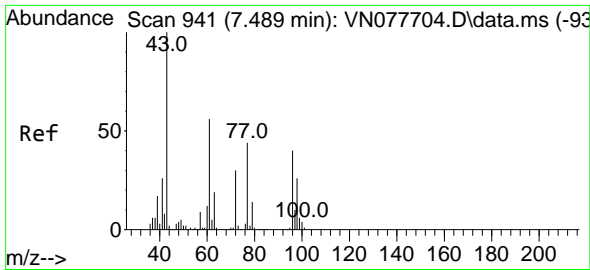


#24
 1,1-Dichloroethane
 Concen: 54.623 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



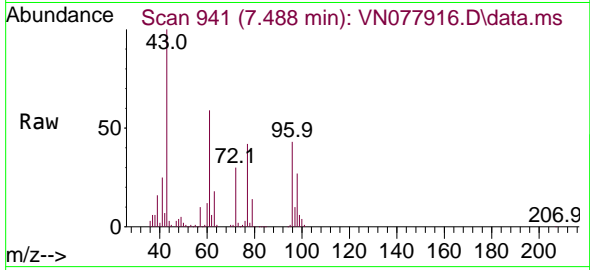
Tgt Ion: 63 Resp: 472895
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.1 2.5 7.4





#25
 2-Butanone
 Concen: 232.327 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

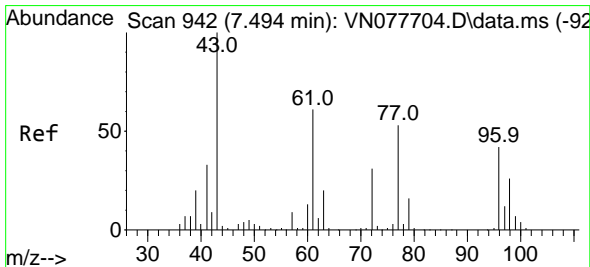
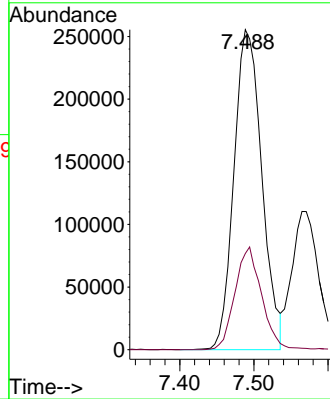
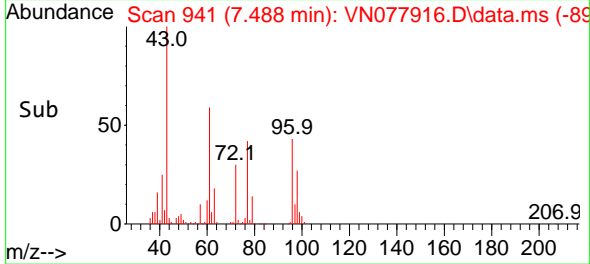
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



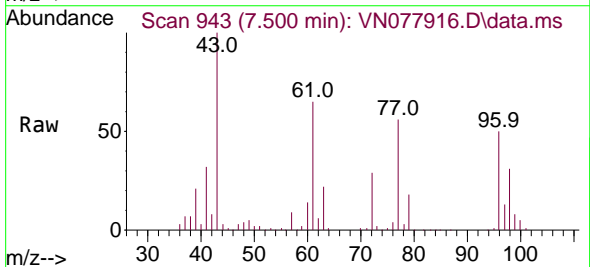
Tgt Ion: 43 Resp: 667539
 Ion Ratio Lower Upper
 43 100
 72 30.1 30.2 45.2

Manual Integrations
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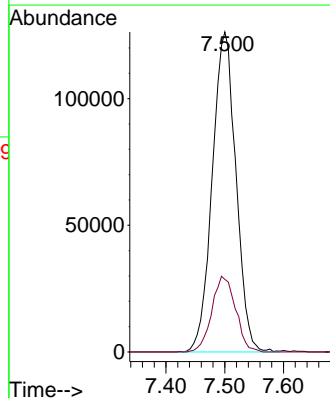
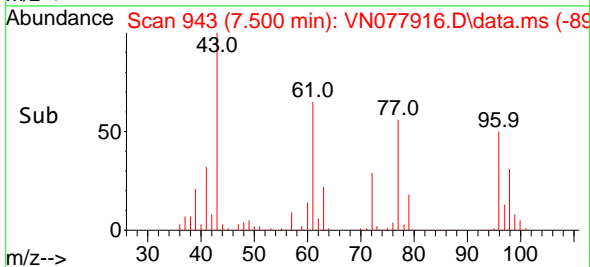
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

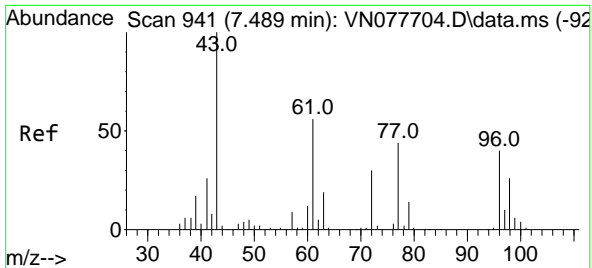


#26
 2,2-Dichloropropane
 Concen: 48.059 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



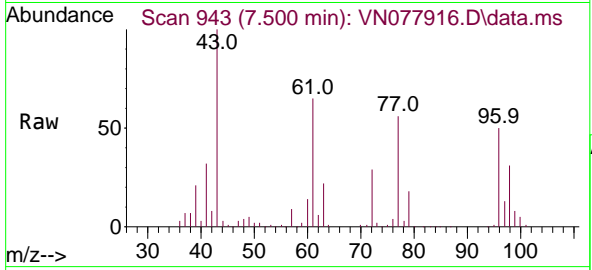
Tgt Ion: 77 Resp: 353479
 Ion Ratio Lower Upper
 77 100
 97 23.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 54.915 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

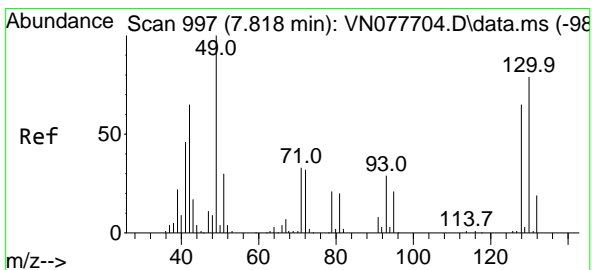
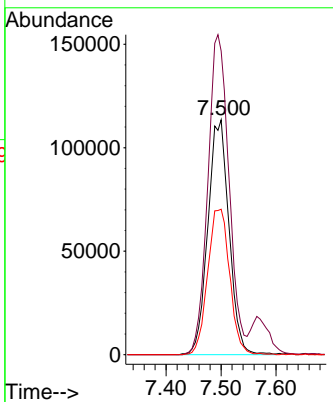
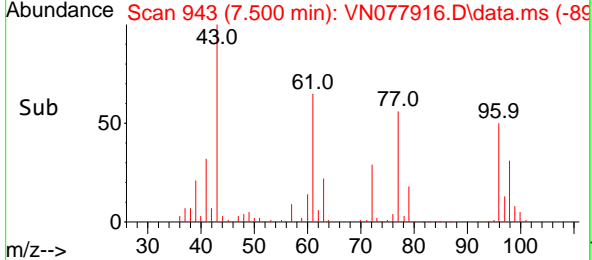
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



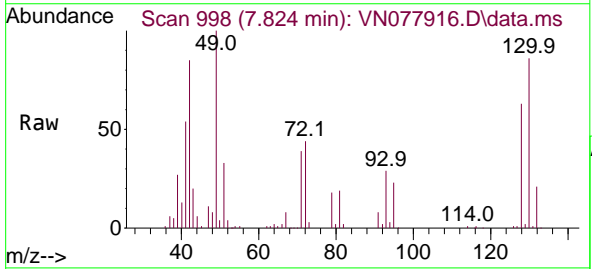
Tgt Ion: 96 Resp: 303539
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 255.2
 98 64.5 0.0 128.8

Manual Integrations
 APPROVED

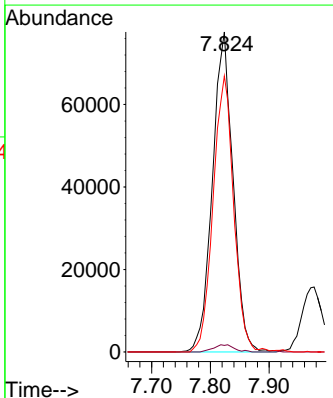
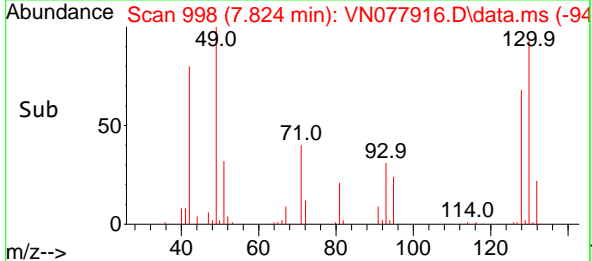
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

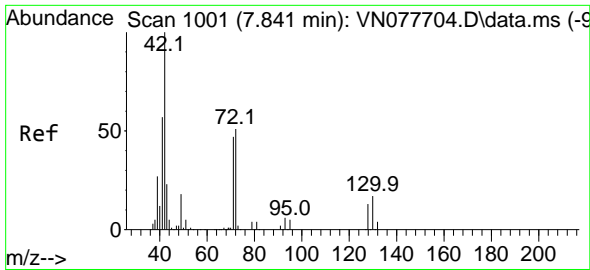


#28
 Bromochloromethane
 Concen: 50.498 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



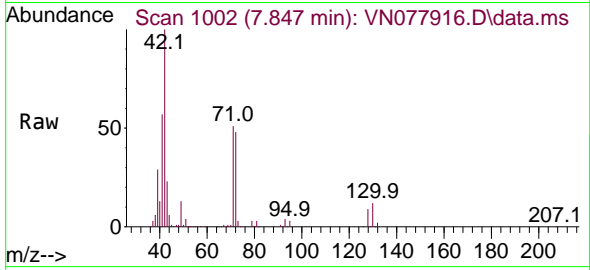
Tgt Ion: 49 Resp: 189071
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.8
 130 85.7 75.3 112.9





#29
 Tetrahydrofuran
 Concen: 234.457 ug/l
 RT: 7.847 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

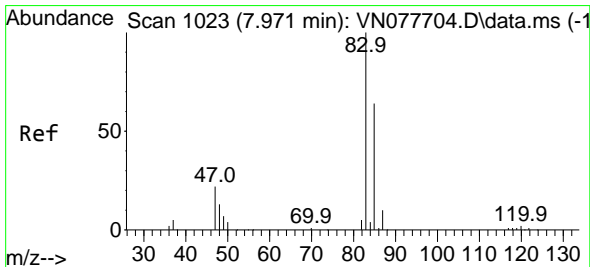
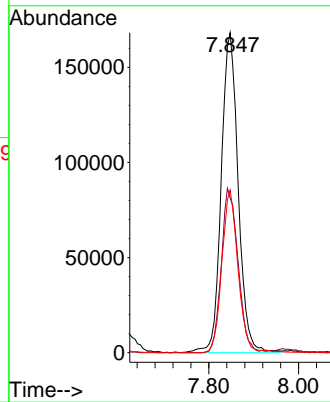
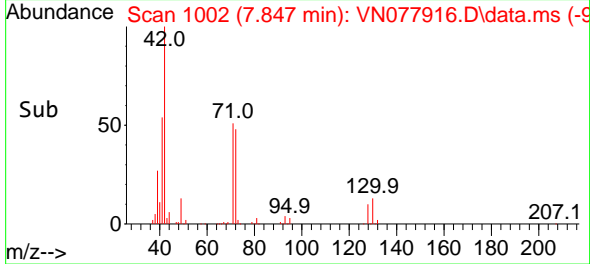
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



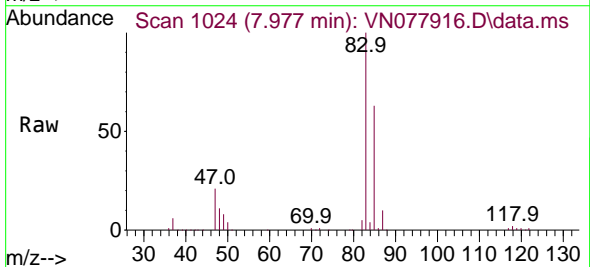
Tgt Ion: 42 Resp: 441100
 Ion Ratio Lower Upper
 42 100
 72 50.8 49.8 74.6
 71 48.3 47.4 71.2

Manual Integrations
 APPROVED

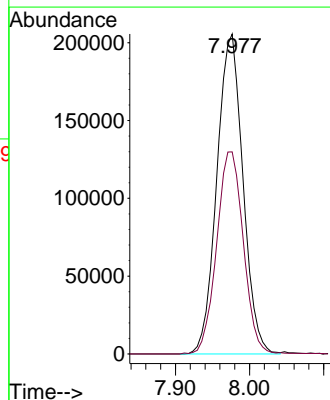
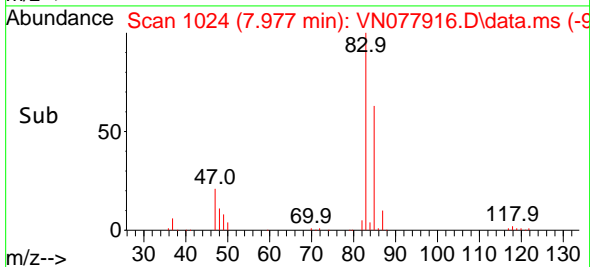
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

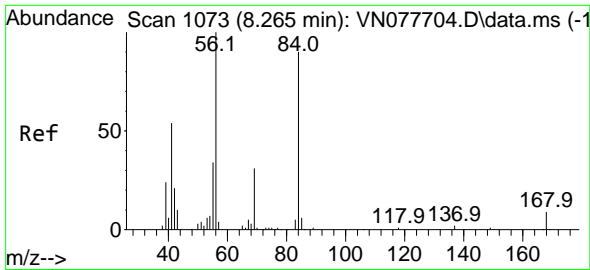


#30
 Chloroform
 Concen: 52.783 ug/l
 RT: 7.977 min Scan# 1024
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



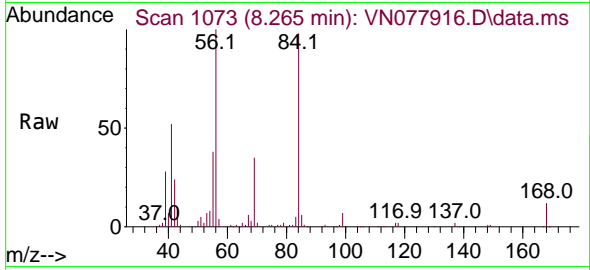
Tgt Ion: 83 Resp: 502678
 Ion Ratio Lower Upper
 83 100
 85 63.2 55.4 83.0





#31
 Cyclohexane
 Concen: 44.251 ug/l
 RT: 8.265 min Scan# 1073
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

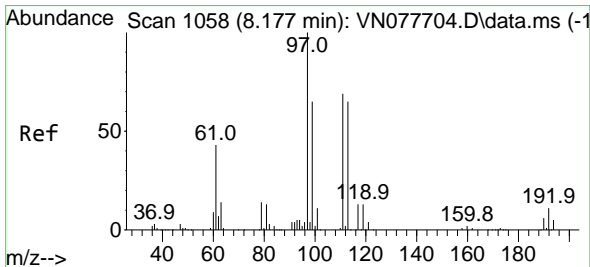
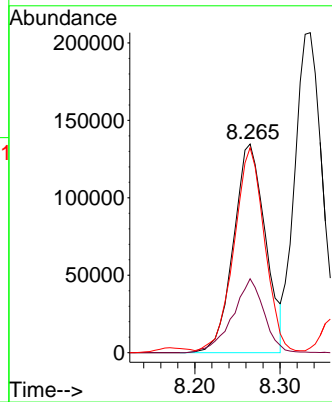
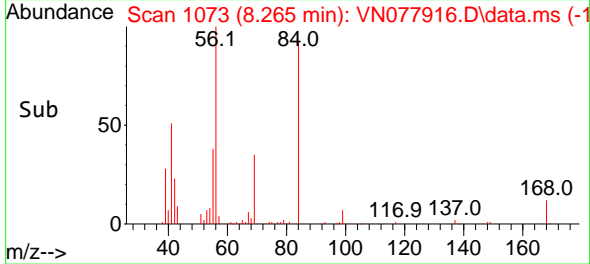
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



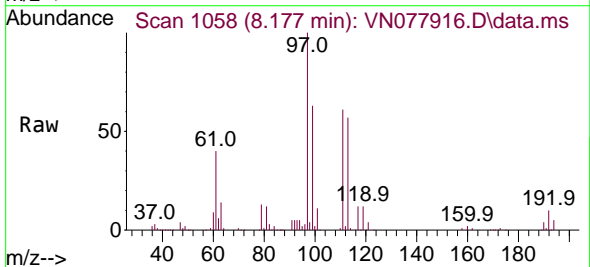
Tgt Ion: 56 Resp: 351130
 Ion Ratio Lower Upper
 56 100
 69 35.4 26.8 40.2
 84 96.3 81.8 122.6

Manual Integrations
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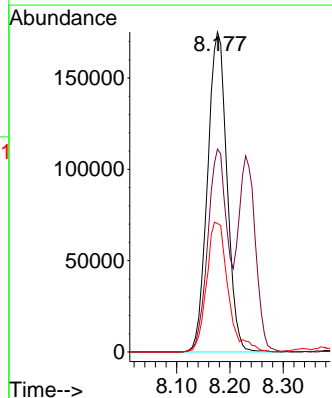
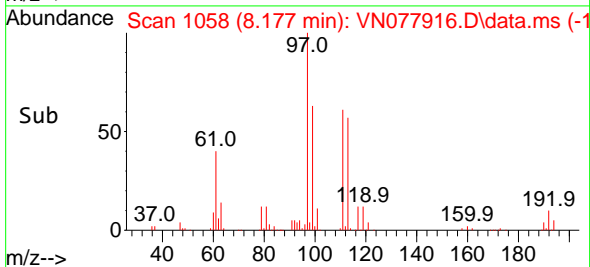
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

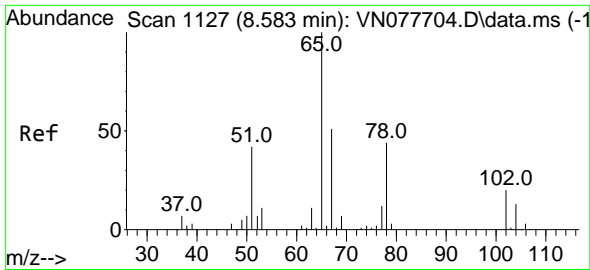


#32
 1,1,1-Trichloroethane
 Concen: 54.864 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



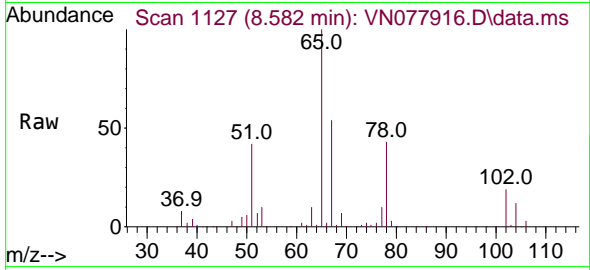
Tgt Ion: 97 Resp: 444225
 Ion Ratio Lower Upper
 97 100
 99 64.6 50.3 75.5
 61 44.8 34.7 52.1





#33
 1,2-Dichloroethane-d4
 Concen: 49.464 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

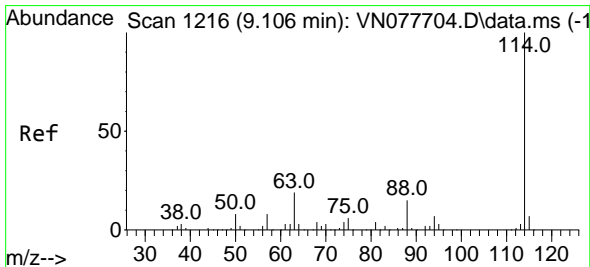
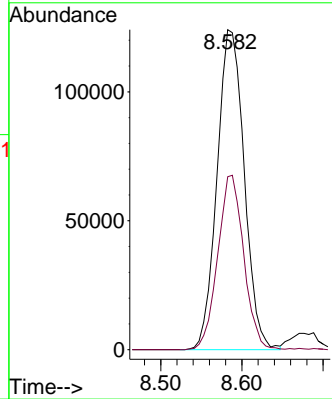
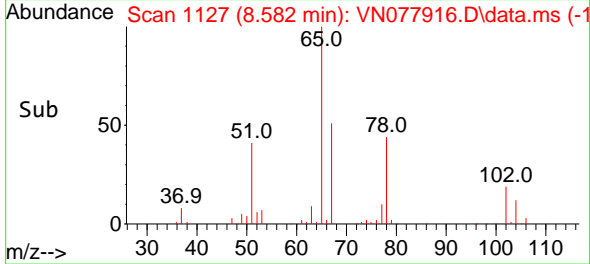
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



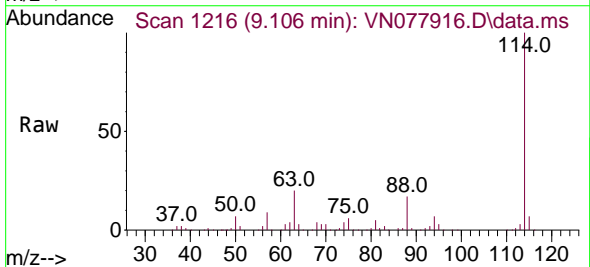
Tgt Ion: 65 Resp: 288778
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.6

Manual Integrations
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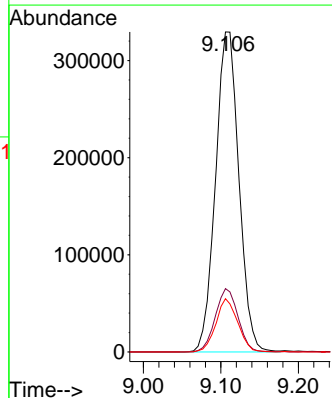
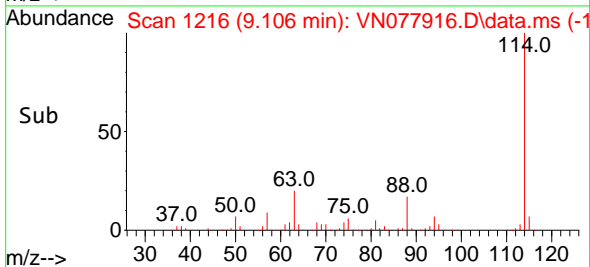
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

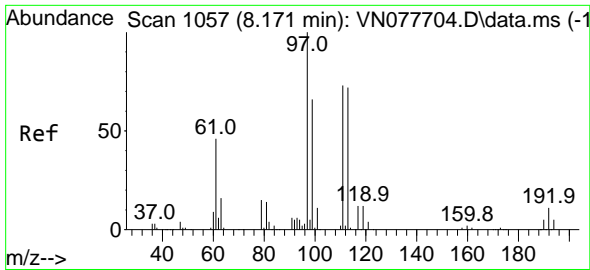


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



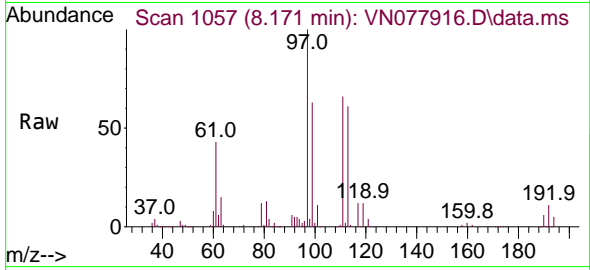
Tgt Ion:114 Resp: 692264
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 36.4
 88 16.7 0.0 30.6





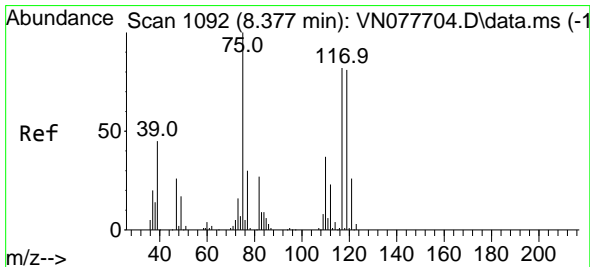
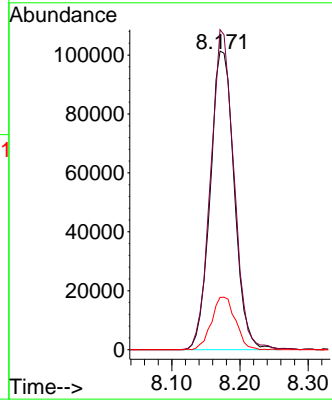
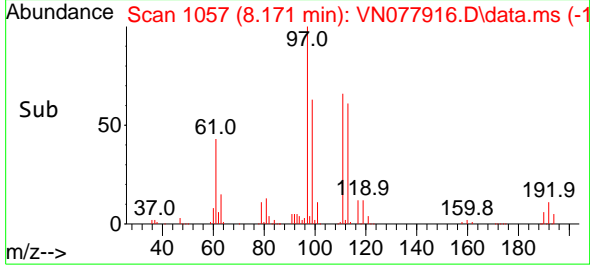
#35
 Dibromofluoromethane
 Concen: 54.923 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

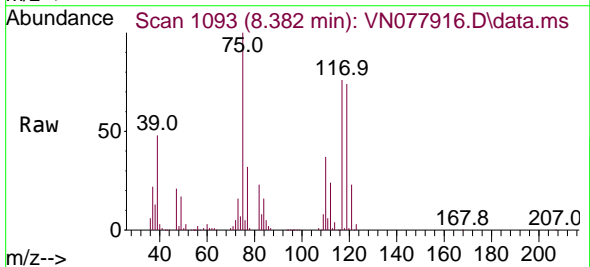


Tgt Ion: 113 Resp: 247930
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.6 123.8
 192 17.5 12.7 19.1

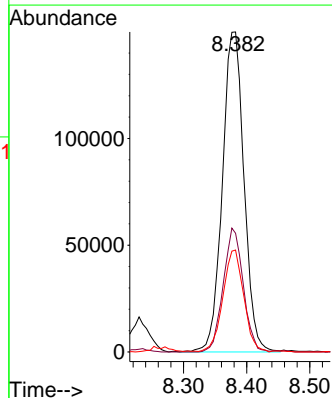
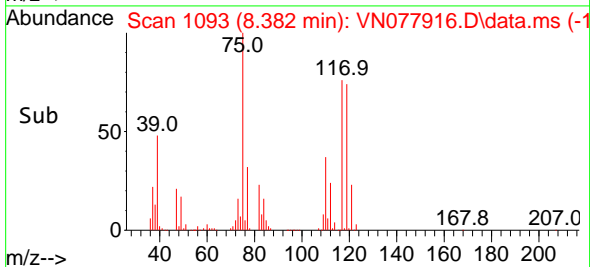
Manual Integrations
APPROVED
 Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

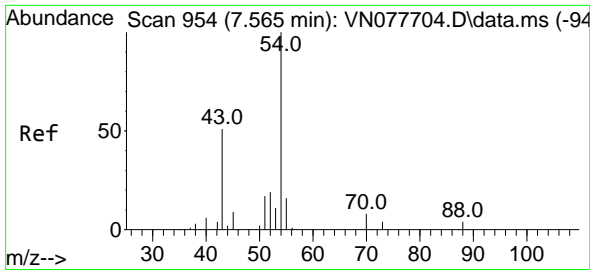


#36
 1,1-Dichloropropene
 Concen: 54.039 ug/l
 RT: 8.382 min Scan# 1093
 Delta R.T. 0.005 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion: 75 Resp: 356806
 Ion Ratio Lower Upper
 75 100
 110 35.7 19.1 57.3
 77 30.7 25.0 37.4





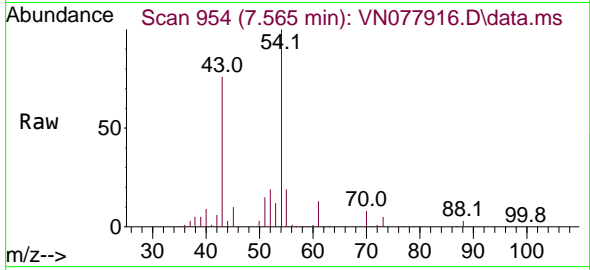
#37
 Ethyl Acetate
 Concen: 48.524 ug/l
 RT: 7.565 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



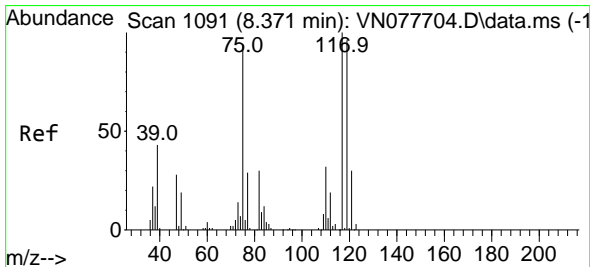
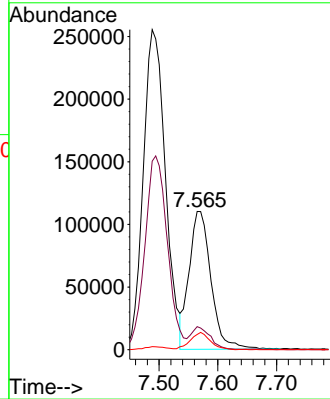
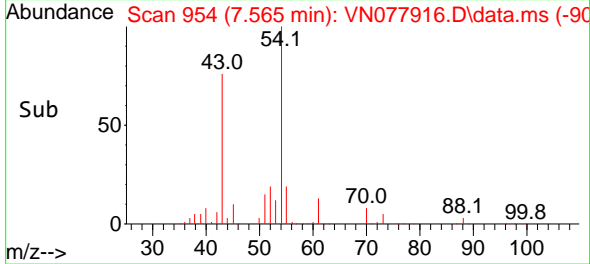
Tgt Ion: 43 Resp: 28556
 Ion Ratio Lower Upper
 43 100
 61 13.9 13.2 19.8
 70 11.3 11.3 16.9

Manual Integrations

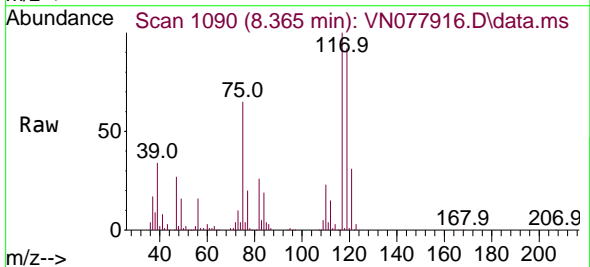
APPROVED

Reviewed By :John Carlone 05/26/2023

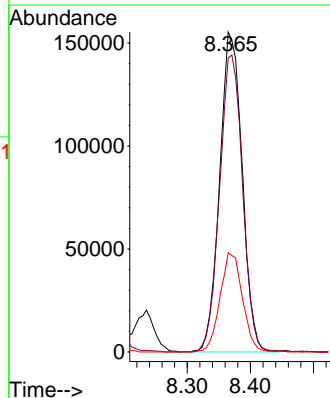
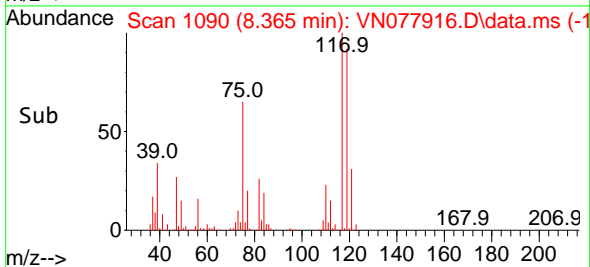
Supervised By :Mahesh Dadoda 05/26/2023

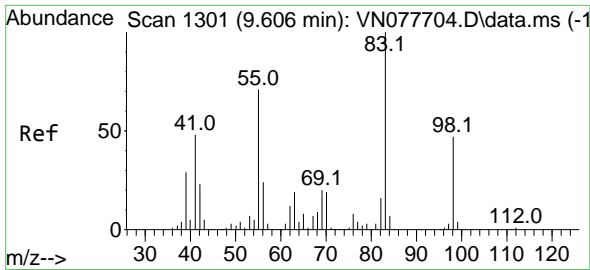


#38
 Carbon Tetrachloride
 Concen: 57.785 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



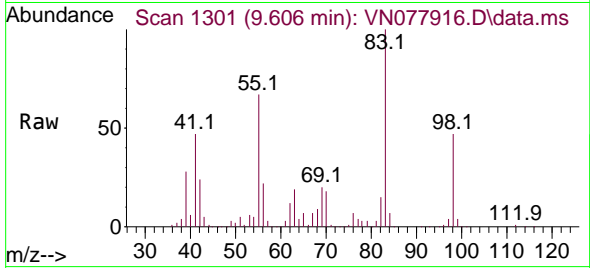
Tgt Ion:117 Resp: 385274
 Ion Ratio Lower Upper
 117 100
 119 91.8 77.3 115.9
 121 31.0 23.3 34.9





#39
 Methylcyclohexane
 Concen: 45.889 ug/l
 RT: 9.606 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

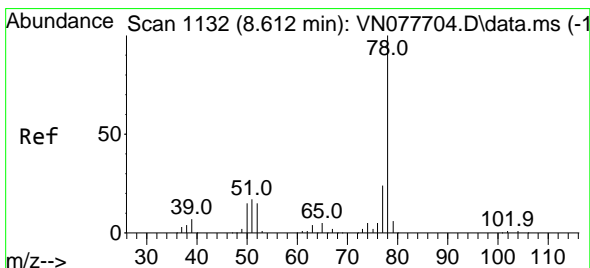
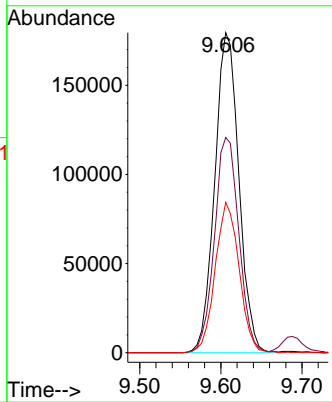
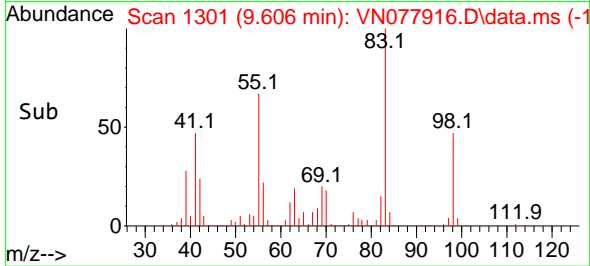
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



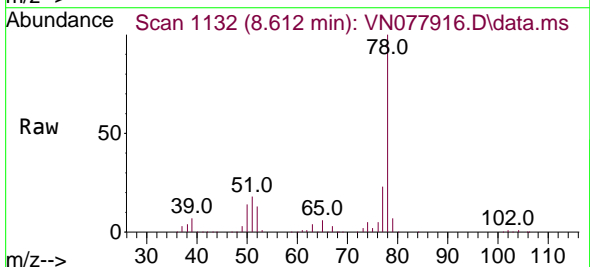
Tgt Ion: 83 Resp: 37093
 Ion Ratio Lower Upper
 83 100
 55 67.2 49.1 73.7
 98 47.0 40.6 61.0

Manual Integrations
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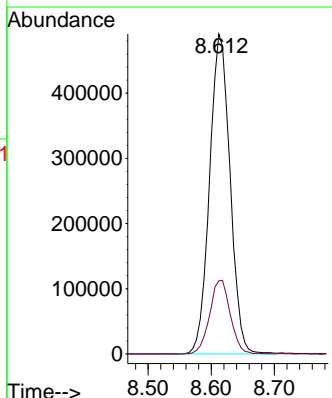
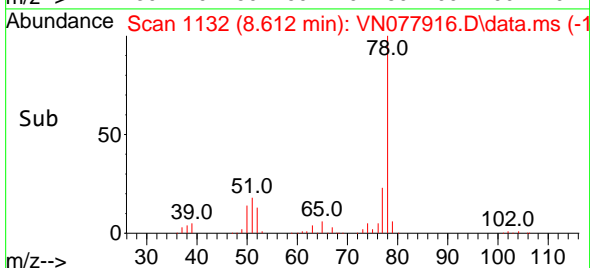
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

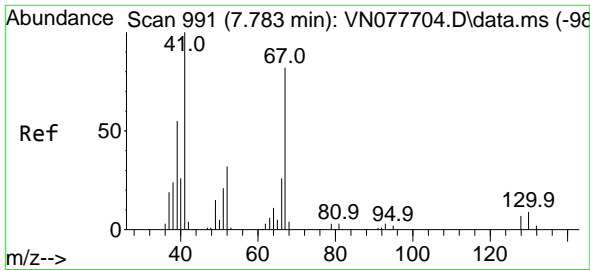


#40
 Benzene
 Concen: 56.851 ug/l
 RT: 8.612 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



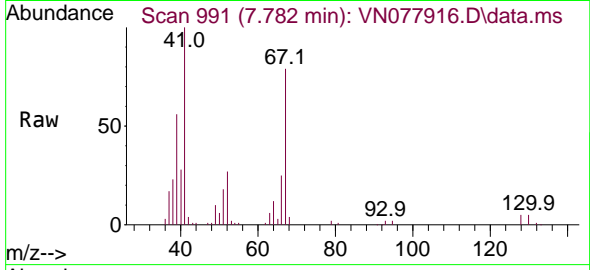
Tgt Ion: 78 Resp: 1107711
 Ion Ratio Lower Upper
 78 100
 77 22.8 19.0 28.6





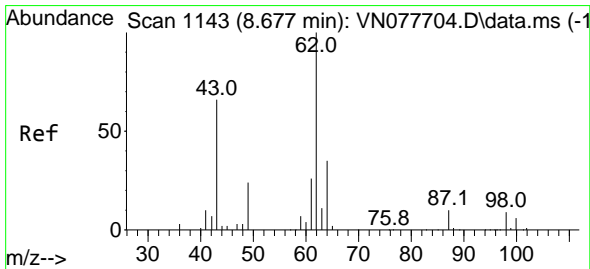
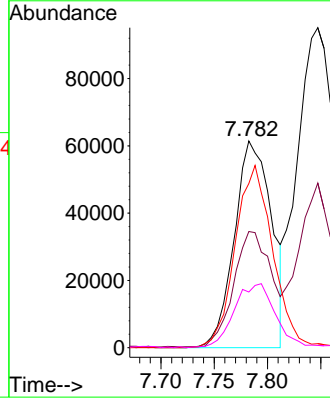
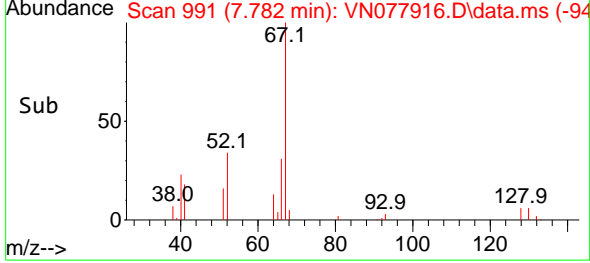
#41
 Methacrylonitrile
 Concen: 47.764 ug/l
 RT: 7.782 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

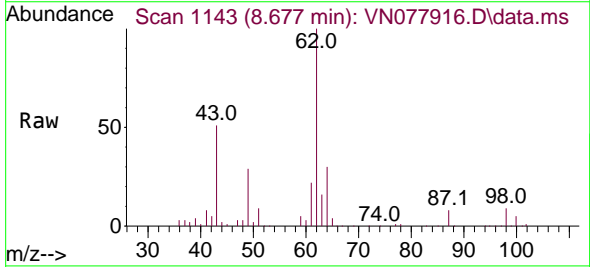


Tgt Ion: 41 Resp: 149698
 Ion Ratio Lower Upper
 41 100
 39 56.0 42.6 64.0
 67 89.3 77.5 116.3
 52 34.5 28.9 43.3

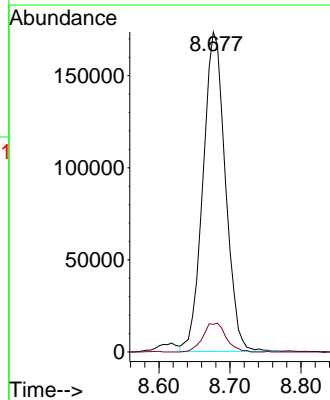
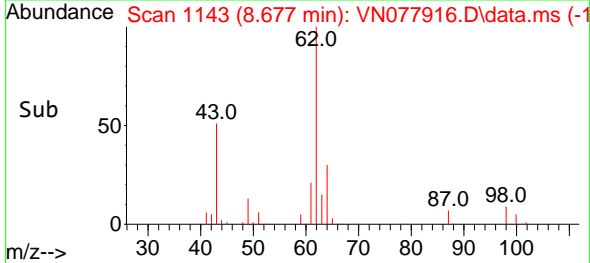
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

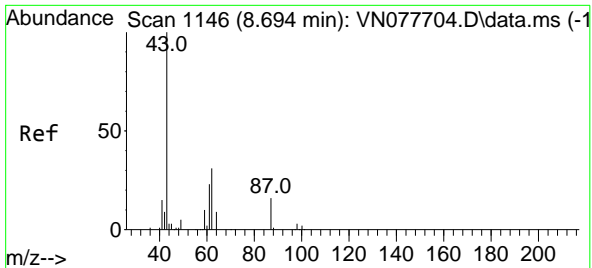


#42
 1,2-Dichloroethane
 Concen: 53.831 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



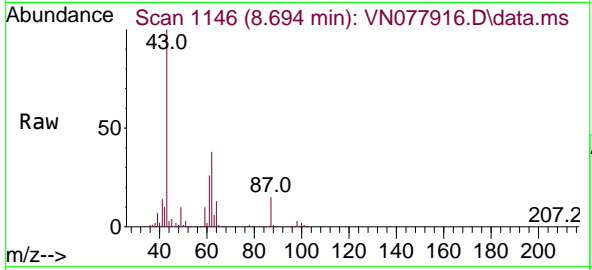
Tgt Ion: 62 Resp: 381006
 Ion Ratio Lower Upper
 62 100
 98 9.3 0.0 19.8





#43
 Isopropyl Acetate
 Concen: 51.002 ug/l
 RT: 8.694 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

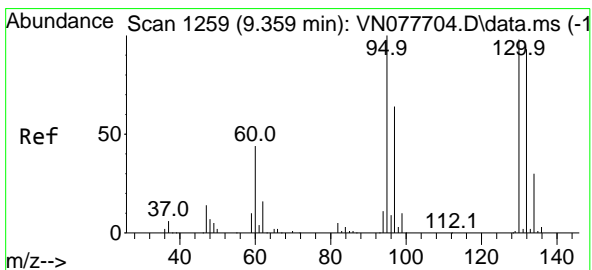
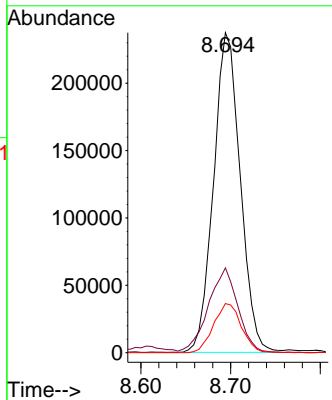
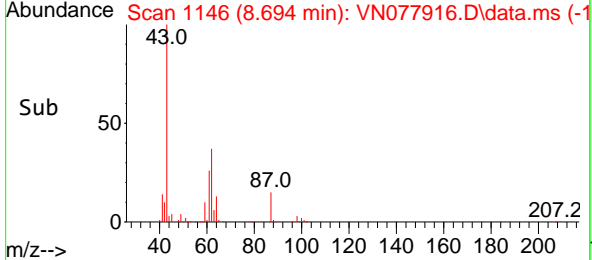
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



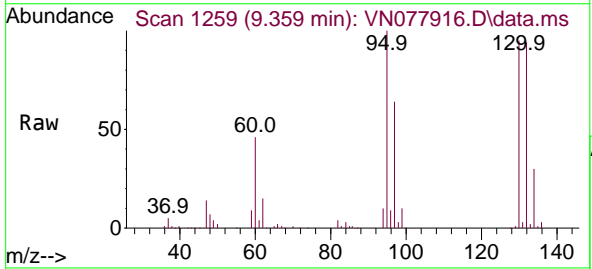
Tgt Ion: 43 Resp: 490264
 Ion Ratio Lower Upper
 43 100
 61 29.2 24.7 37.1
 87 16.0 14.6 21.8

Manual Integrations
 APPROVED

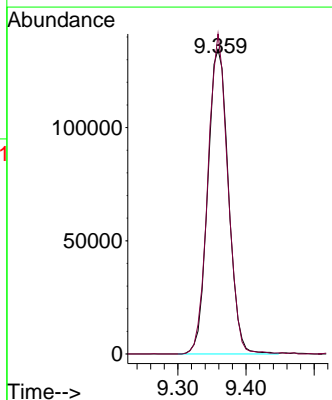
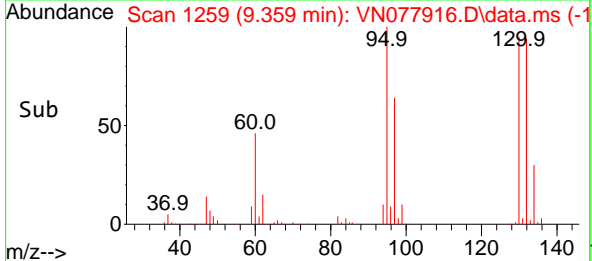
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

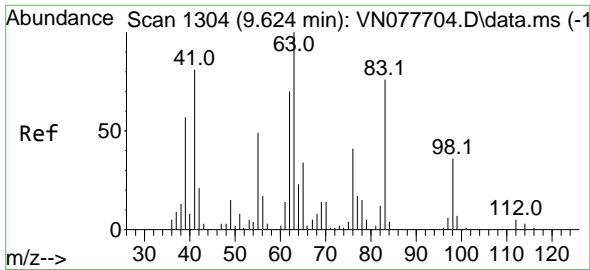


#44
 Trichloroethene
 Concen: 57.691 ug/l
 RT: 9.359 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



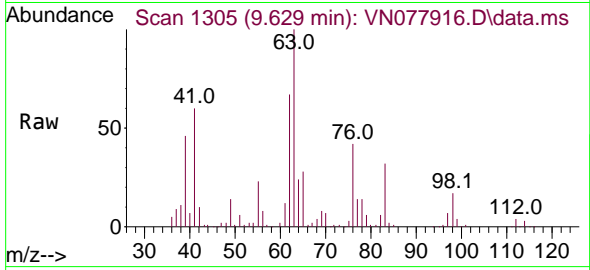
Tgt Ion:130 Resp: 284626
 Ion Ratio Lower Upper
 130 100
 95 105.0 0.0 204.6





#45
 1,2-Dichloropropane
 Concen: 57.071 ug/l
 RT: 9.629 min Scan# 1305
 Delta R.T. 0.005 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

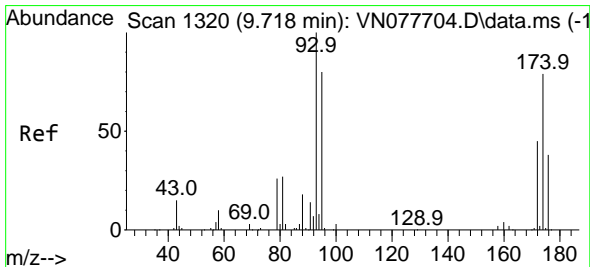
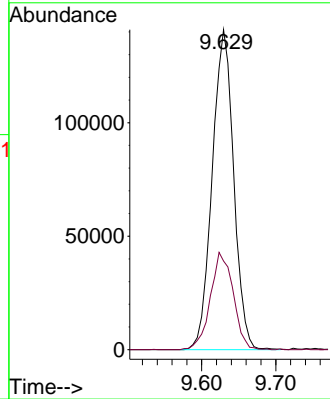
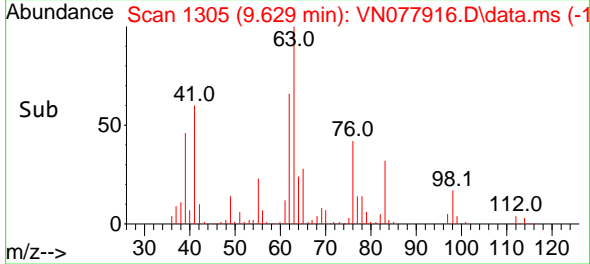
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



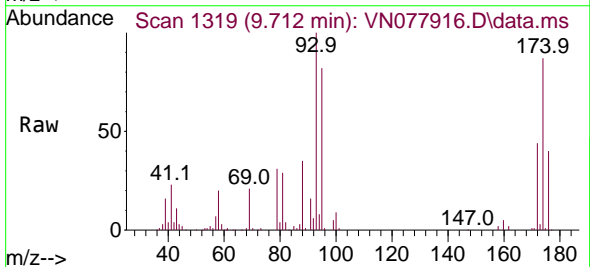
Tgt Ion: 63 Resp: 283638
 Ion Ratio Lower Upper
 63 100
 65 27.7 23.9 35.9

Manual Integrations
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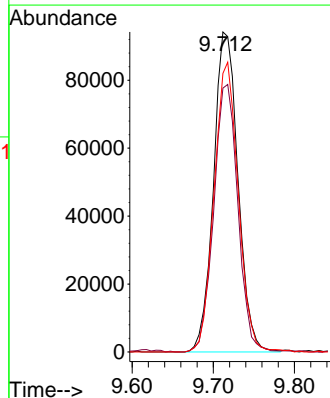
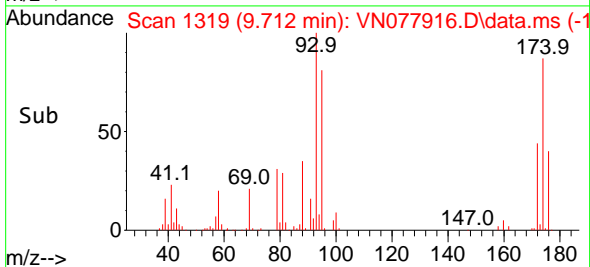
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

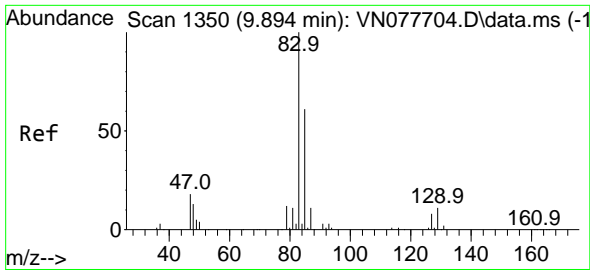


#46
 Dibromomethane
 Concen: 55.476 ug/l
 RT: 9.712 min Scan# 1319
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



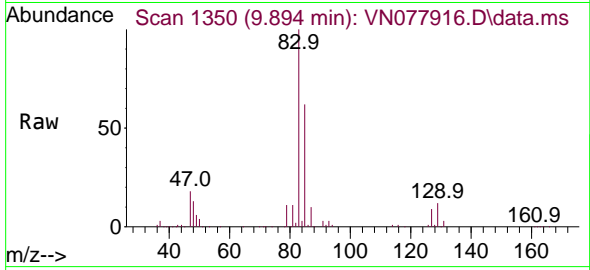
Tgt Ion: 93 Resp: 197289
 Ion Ratio Lower Upper
 93 100
 95 82.8 63.8 95.8
 174 89.8 65.6 98.4





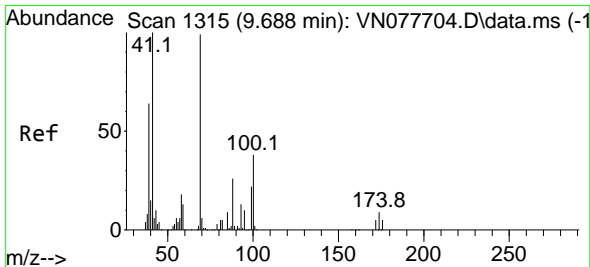
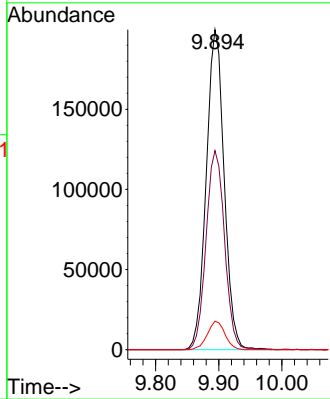
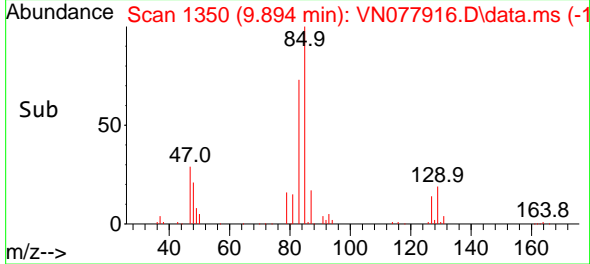
#47
 Bromodichloromethane
 Concen: 57.708 ug/l
 RT: 9.894 min Scan# 1350
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

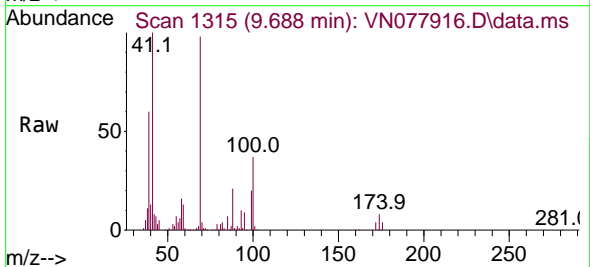


Tgt Ion: 83 Resp: 392910
 Ion Ratio Lower Upper
 83 100
 85 62.2 49.6 74.4
 127 8.9 7.0 10.6

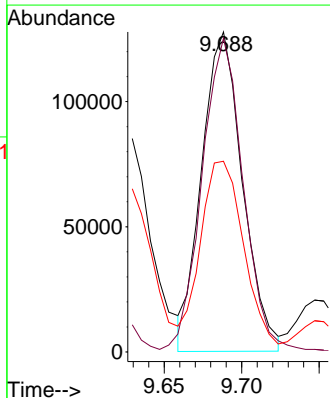
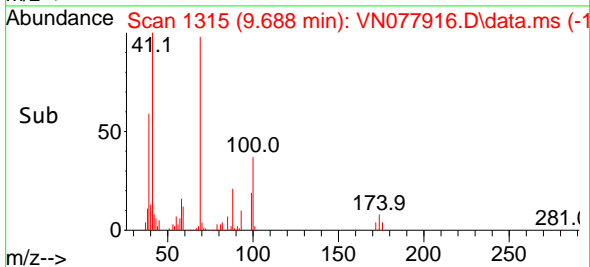
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

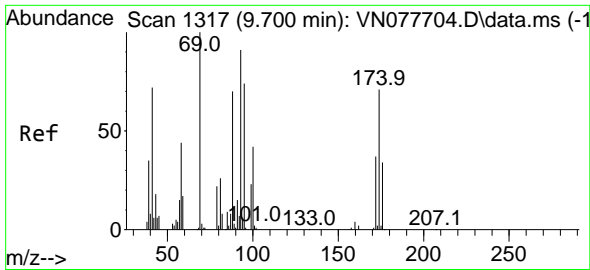


#48
 Methyl methacrylate
 Concen: 51.242 ug/l
 RT: 9.688 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



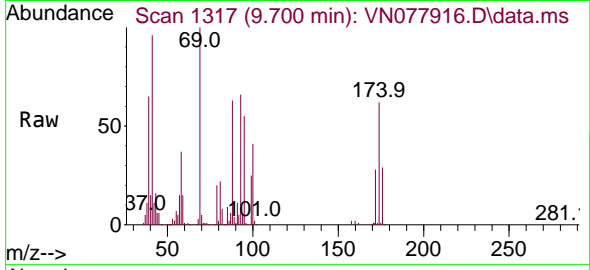
Tgt Ion: 41 Resp: 233538
 Ion Ratio Lower Upper
 41 100
 69 98.6 90.4 135.6
 39 63.9 54.6 81.8





#49
 1,4-Dioxane
 Concen: 1107.655 ug/l
 RT: 9.700 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

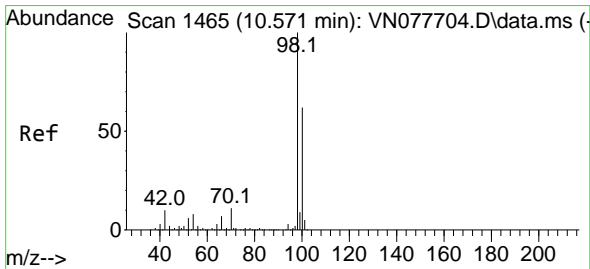
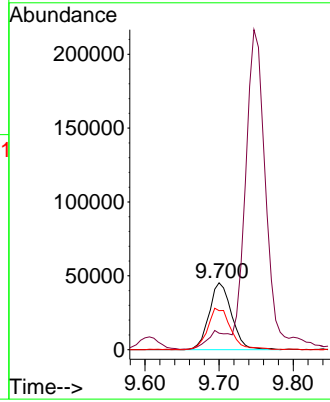
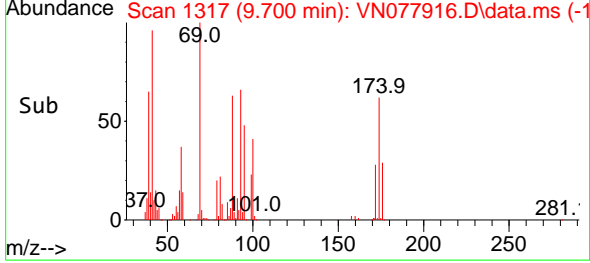
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



Tgt Ion: 88 Resp: 95340
 Ion Ratio Lower Upper
 88 100
 43 19.6 17.0 25.6
 58 63.8 47.0 70.4

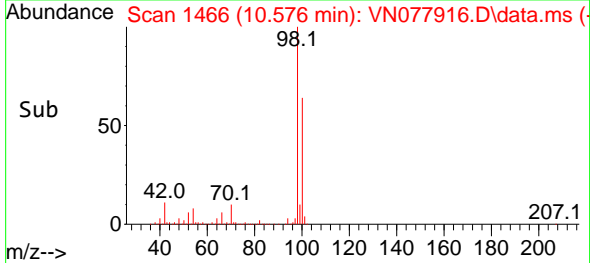
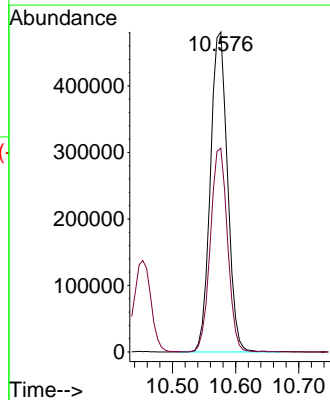
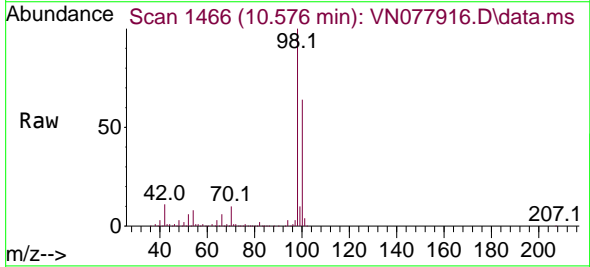
Manual Integrations
APPROVED

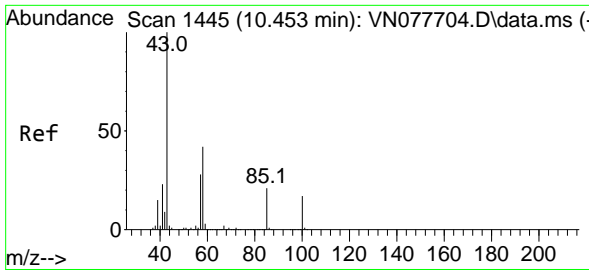
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#50
 Toluene-d8
 Concen: 52.143 ug/l
 RT: 10.576 min Scan# 1466
 Delta R.T. 0.005 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Tgt Ion: 98 Resp: 906013
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.0 78.0





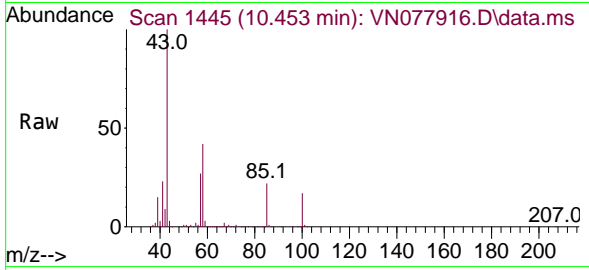
#51
 4-Methyl-2-Pentanone
 Concen: 257.020 ug/l
 RT: 10.453 min Scan# 1445
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



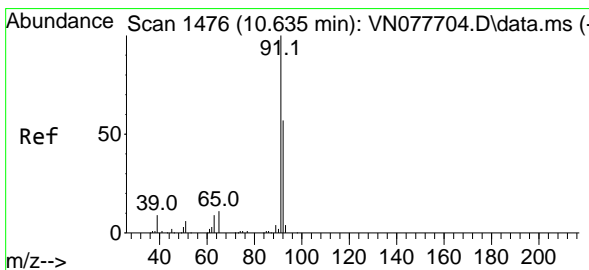
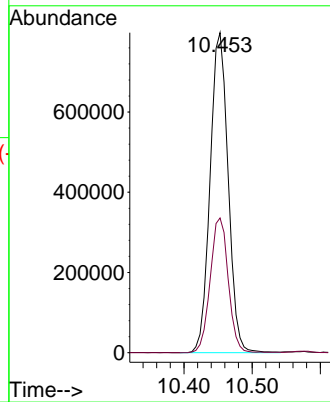
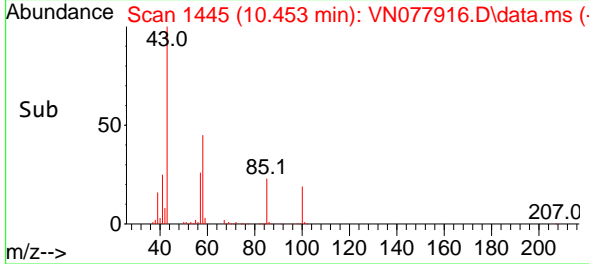
Tgt Ion: 43 Resp: 1468570
 Ion Ratio Lower Upper
 43 100
 58 42.1 36.6 54.8

Manual Integrations

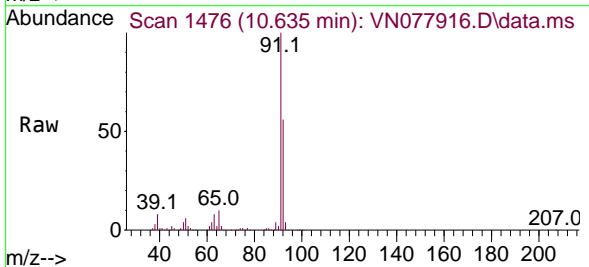
APPROVED

Reviewed By :John Carlone 05/26/2023

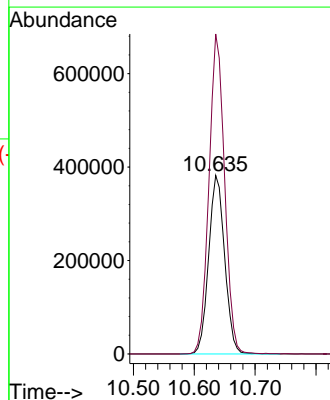
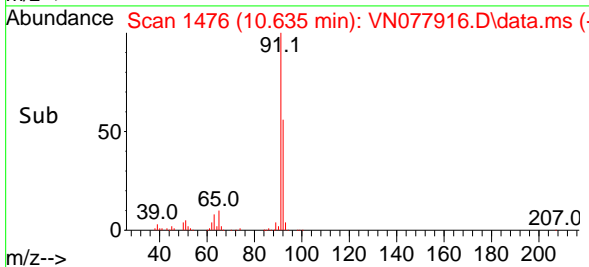
Supervised By :Mahesh Dadoda 05/26/2023

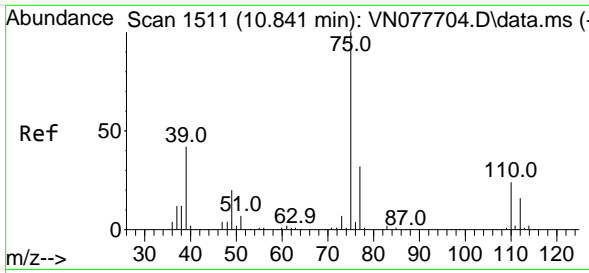


#52
 Toluene
 Concen: 57.486 ug/l
 RT: 10.635 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion: 92 Resp: 697297
 Ion Ratio Lower Upper
 92 100
 91 175.3 137.4 206.0





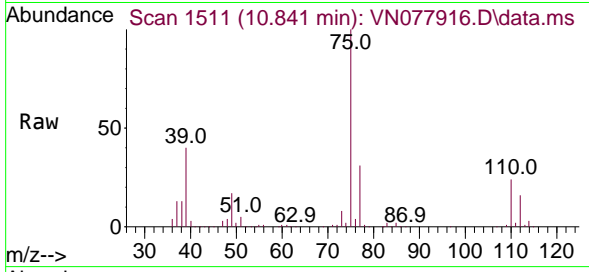
#53
 t-1,3-Dichloropropene
 Concen: 57.451 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



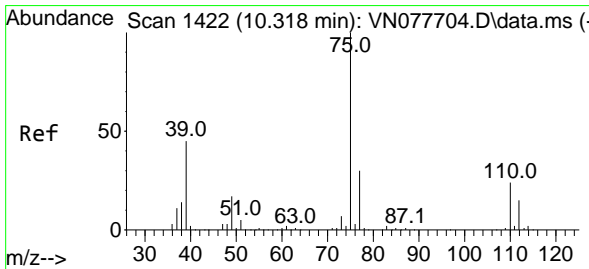
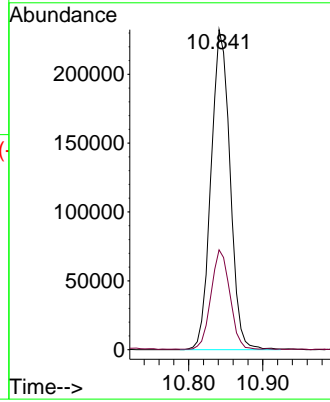
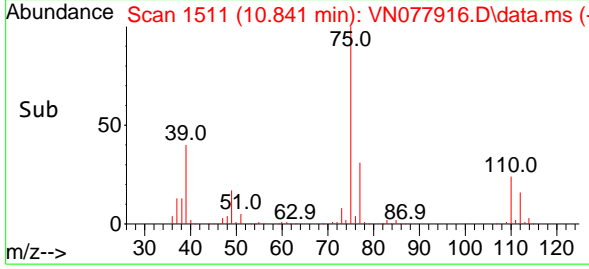
Tgt Ion: 75 Resp: 414220
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0

Manual Integrations

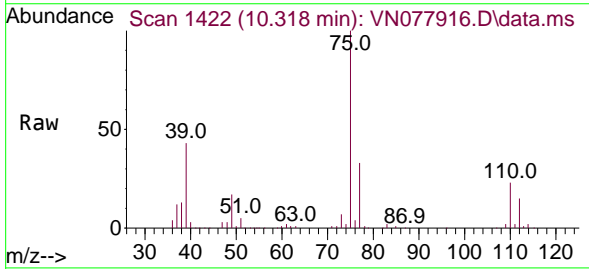
APPROVED

Reviewed By :John Carlone 05/26/2023

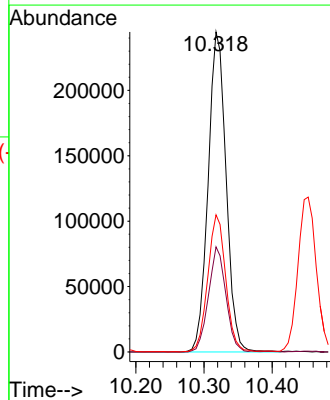
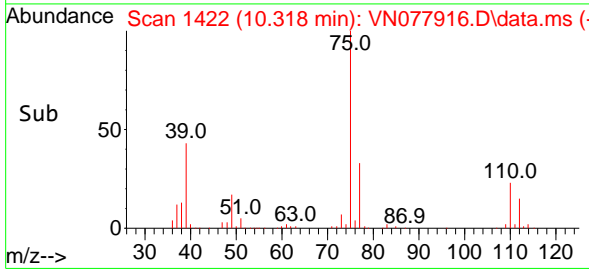
Supervised By :Mahesh Dadoda 05/26/2023

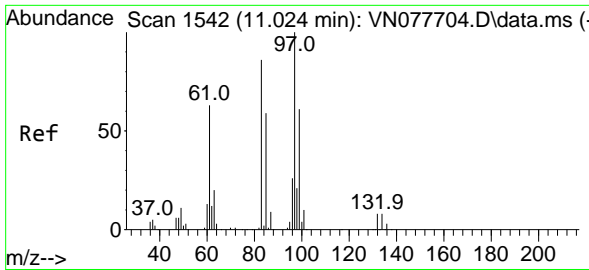


#54
 cis-1,3-Dichloropropene
 Concen: 56.587 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



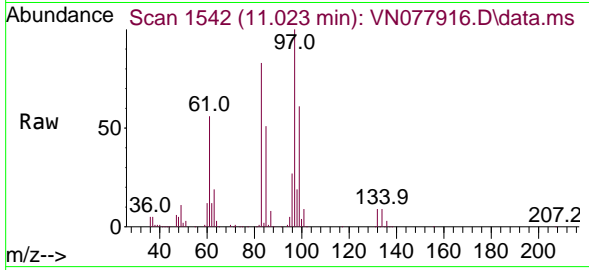
Tgt Ion: 75 Resp: 449612
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.1 39.1
 39 42.8 31.6 47.4





#55
 1,1,2-Trichloroethane
 Concen: 57.813 ug/l
 RT: 11.023 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

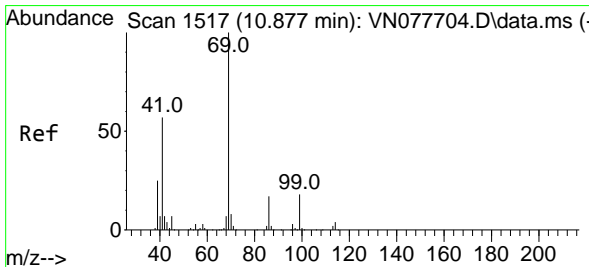
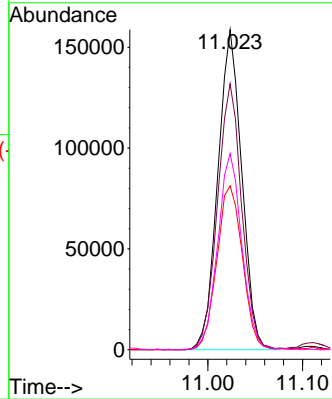
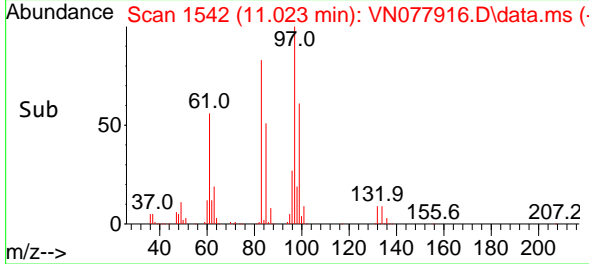
Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC050EC



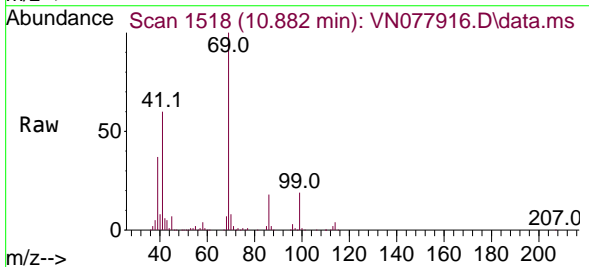
Tgt Ion: 97 Resp: 27844

Ion	Ratio	Lower	Upper
97	100		
83	83.1	65.1	97.7
85	51.2	43.4	65.2
99	61.3	49.2	73.8

Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

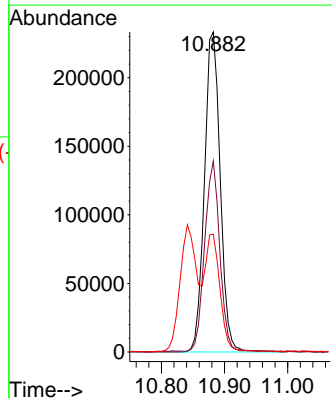
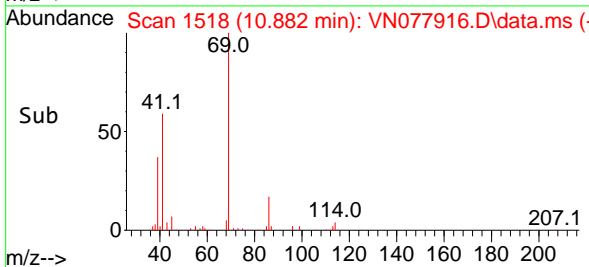


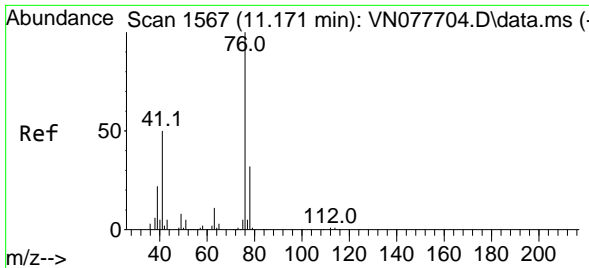
#56
 Ethyl methacrylate
 Concen: 55.576 ug/l
 RT: 10.882 min Scan# 1518
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion: 69 Resp: 404722

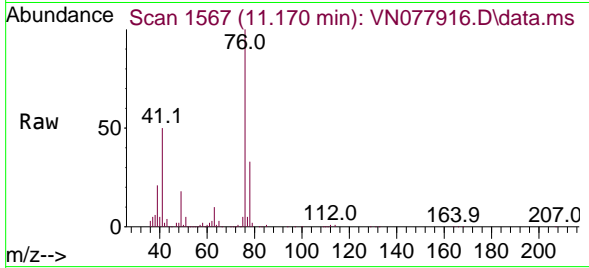
Ion	Ratio	Lower	Upper
69	100		
41	57.1	39.6	59.4
39	32.9	28.6	43.0





#57
 1,3-Dichloropropane
 Concen: 56.905 ug/l
 RT: 11.170 min Scan# 1567
 Delta R.T. -0.001 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

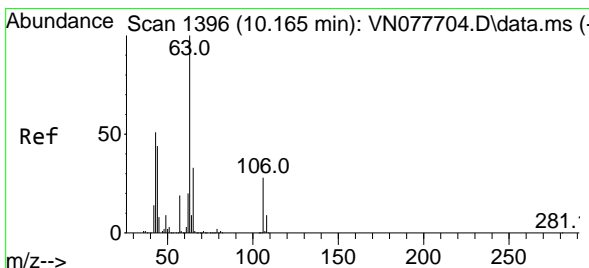
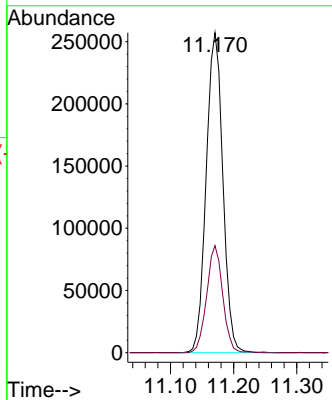
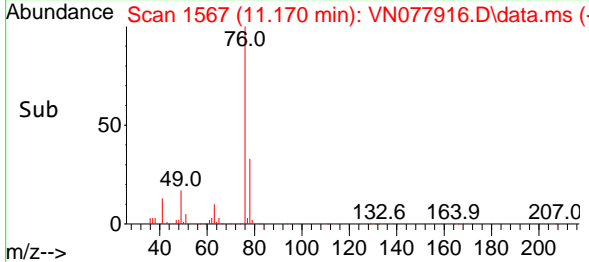
Instrument :
 MSVOA_N
Client Sample Id :
 VSTDCCC050EC



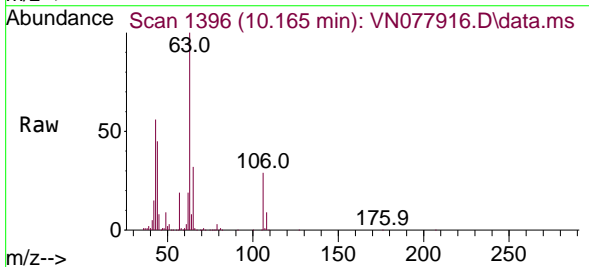
Tgt Ion: 76 Resp: 46985
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

Manual Integrations
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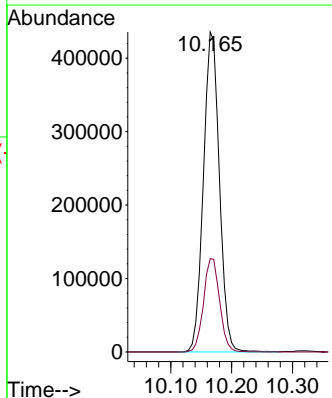
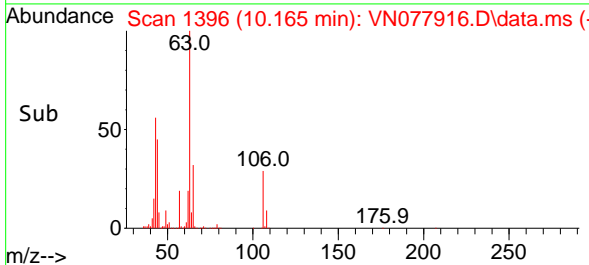
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

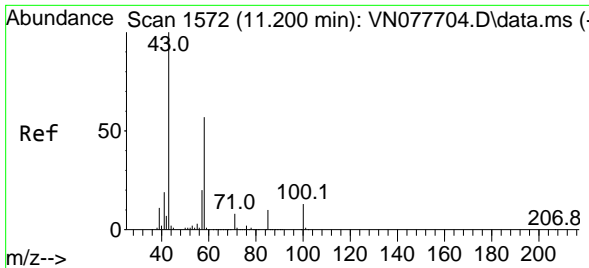


#58
 2-Chloroethyl Vinyl ether
 Concen: 221.748 ug/l
 RT: 10.165 min Scan# 1396
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



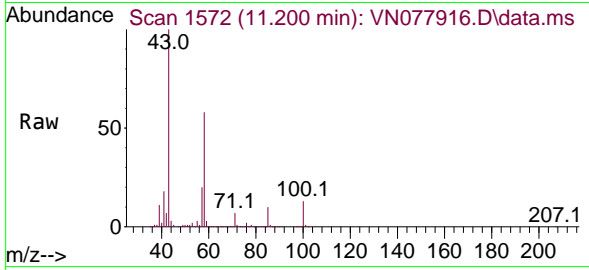
Tgt Ion: 63 Resp: 794431
 Ion Ratio Lower Upper
 63 100
 106 29.3 26.2 39.4





#59
 2-Hexanone
 Concen: 243.887 ug/l
 RT: 11.200 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

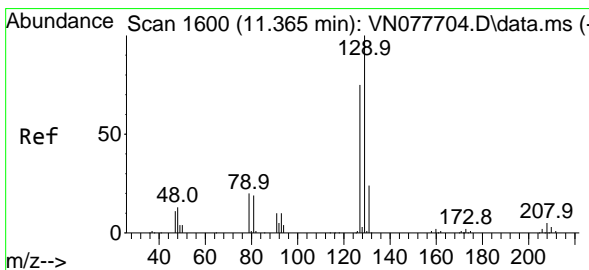
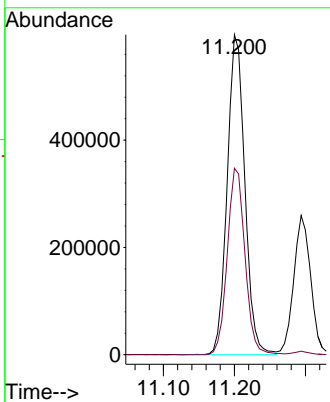
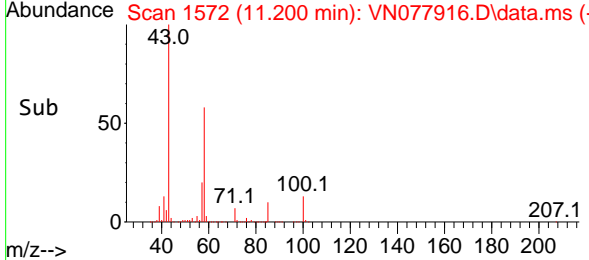
Instrument :
 MSVOA_N
ClientSampleId :
 VSTDCCC050EC



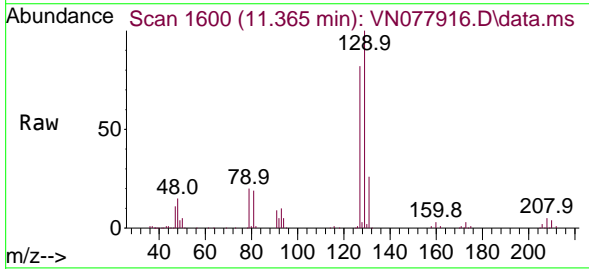
Tgt Ion: 43 Resp: 1030738
 Ion Ratio Lower Upper
 43 100
 58 58.5 31.7 95.1

Manual Integrations
APPROVED

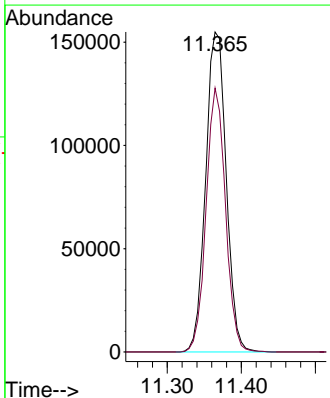
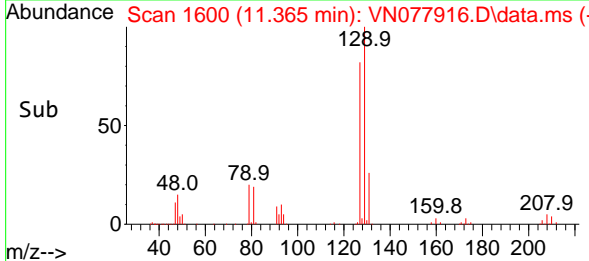
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

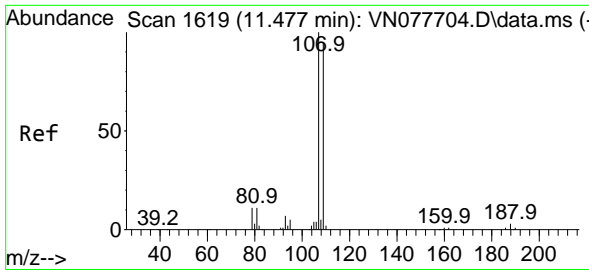


#60
 Dibromochloromethane
 Concen: 60.061 ug/l
 RT: 11.365 min Scan# 1600
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion:129 Resp: 298628
 Ion Ratio Lower Upper
 129 100
 127 77.6 38.6 116.0





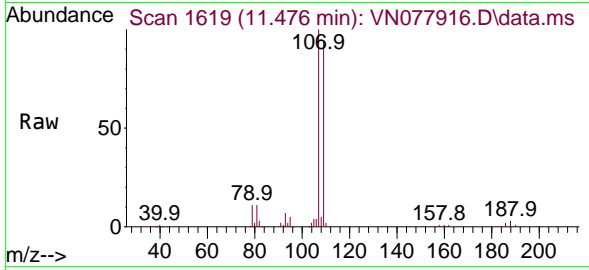
#61
 1,2-Dibromoethane
 Concen: 58.773 ug/l
 RT: 11.476 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



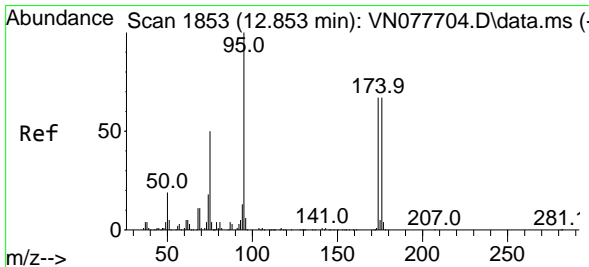
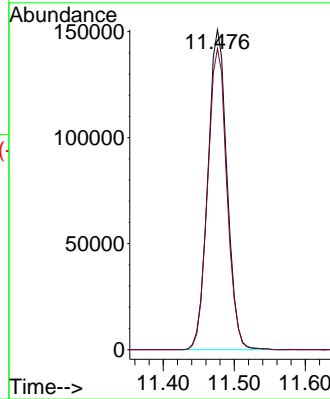
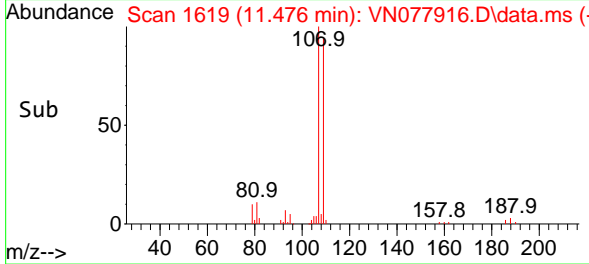
Tgt Ion:107 Resp: 28239
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.6 114.8

Manual Integrations

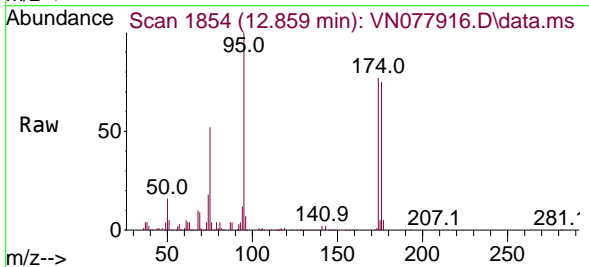
APPROVED

Reviewed By :John Carlone 05/26/2023

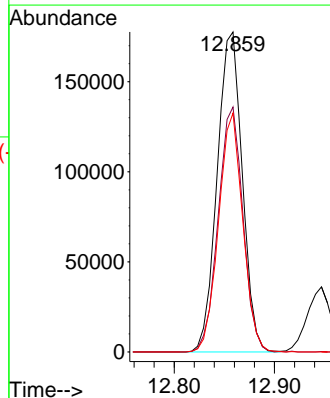
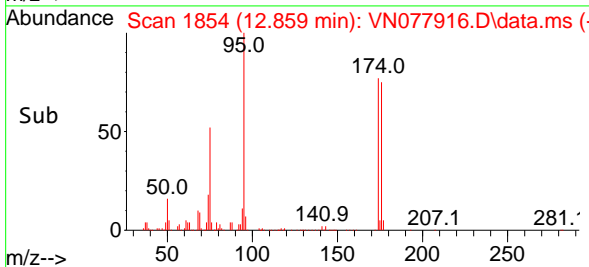
Supervised By :Mahesh Dadoda 05/26/2023

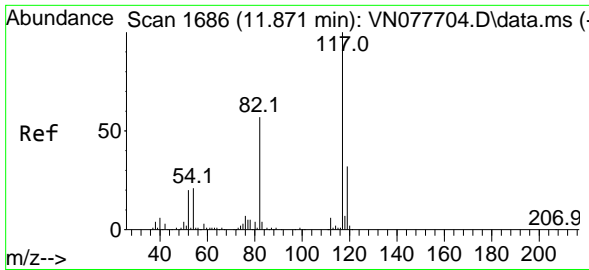


#62
 4-Bromofluorobenzene
 Concen: 50.340 ug/l
 RT: 12.859 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



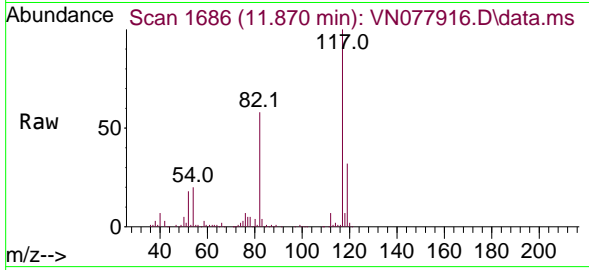
Tgt Ion: 95 Resp: 308919
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 143.8
 176 72.0 0.0 135.8





#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

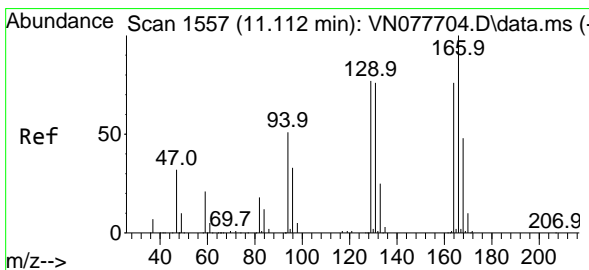
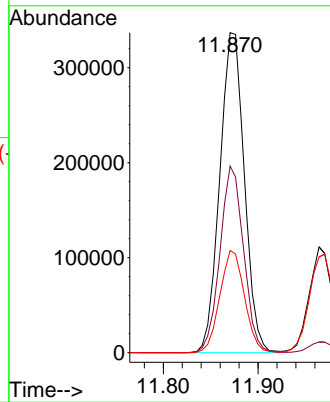
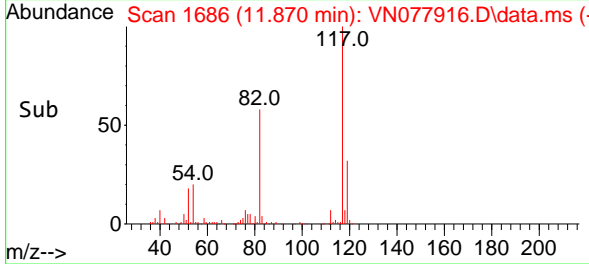
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



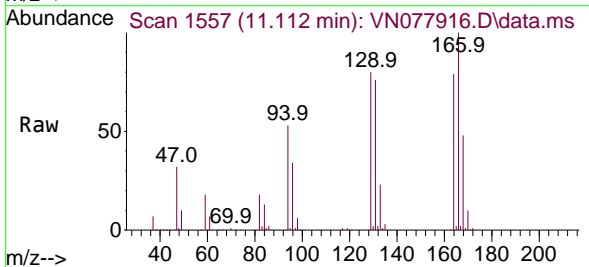
Tgt Ion:117 Resp: 607974
 Ion Ratio Lower Upper
 117 100
 82 58.3 44.0 66.0
 119 31.9 25.6 38.4

Manual Integrations
 APPROVED

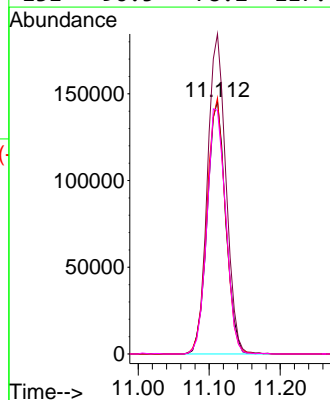
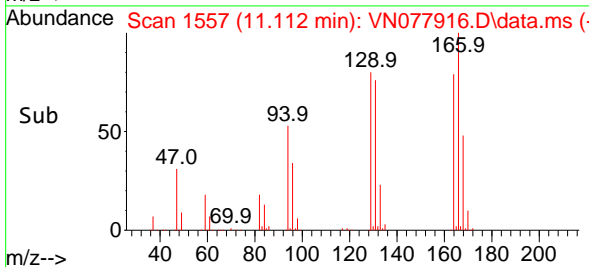
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

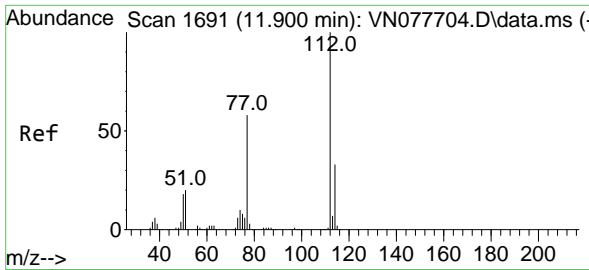


#64
 Tetrachloroethene
 Concen: 61.874 ug/l
 RT: 11.112 min Scan# 1557
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



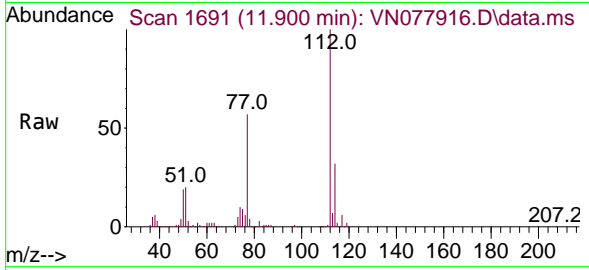
Tgt Ion:164 Resp: 263071
 Ion Ratio Lower Upper
 164 100
 166 126.7 101.4 152.0
 129 101.3 82.4 123.6
 131 96.5 78.2 117.4





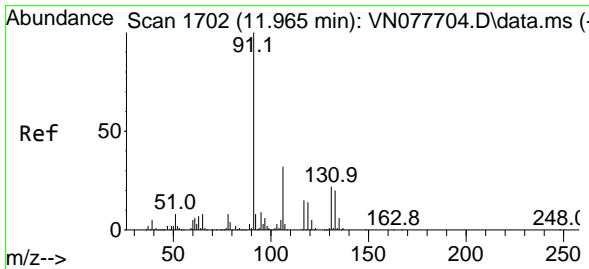
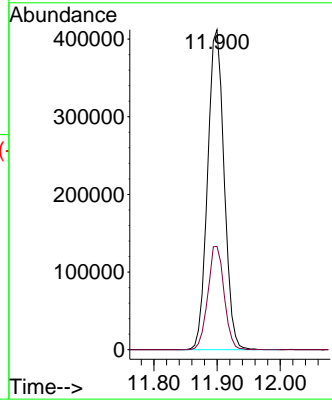
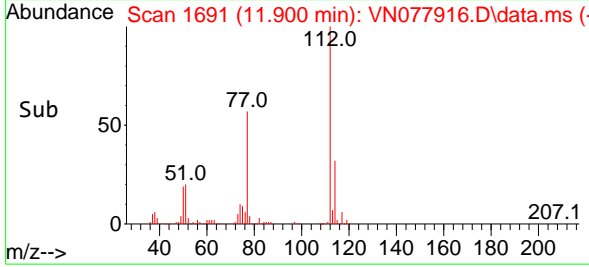
#65
 Chlorobenzene
 Concen: 56.721 ug/l
 RT: 11.900 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

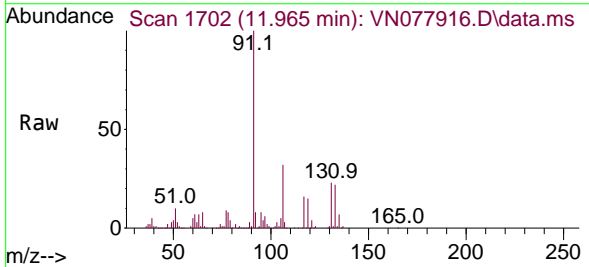


Tgt Ion: 112 Resp: 74759
 Ion Ratio Lower Upper
 112 100
 114 32.3 25.0 37.4

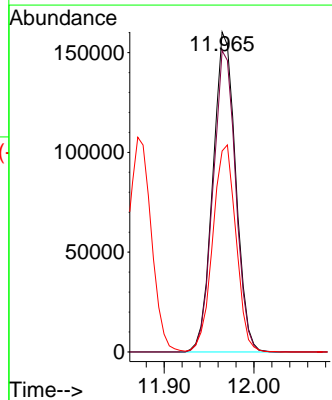
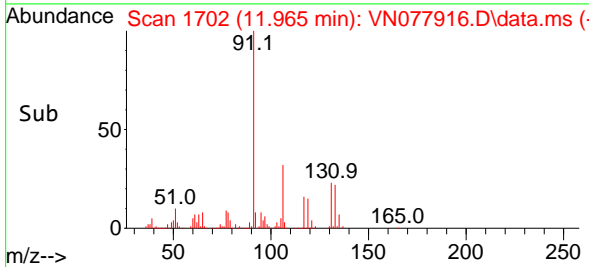
Manual Integrations
APPROVED
 Reviewed By : John Carlone 05/26/2023
 Supervised By : Mahesh Dadoda 05/26/2023

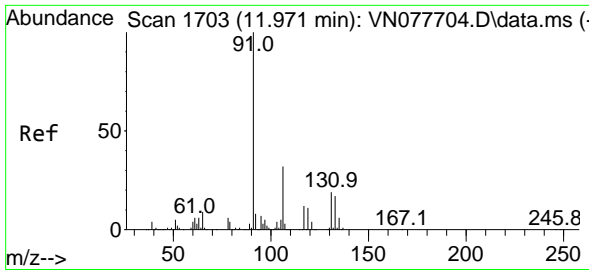


#66
 1,1,1,2-Tetrachloroethane
 Concen: 62.025 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



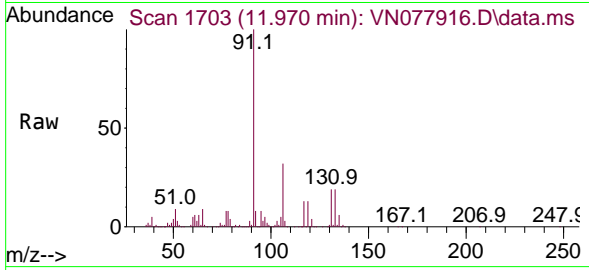
Tgt Ion: 131 Resp: 282867
 Ion Ratio Lower Upper
 131 100
 133 93.5 46.4 139.1
 119 66.0 34.1 102.2





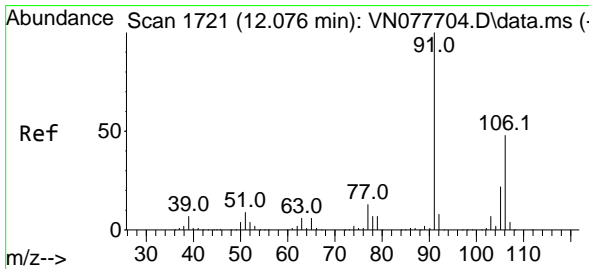
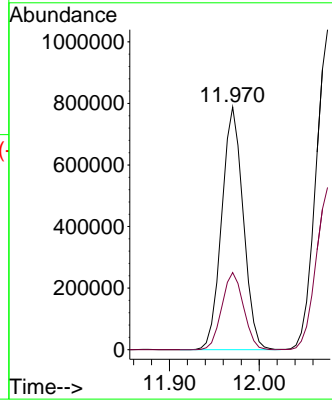
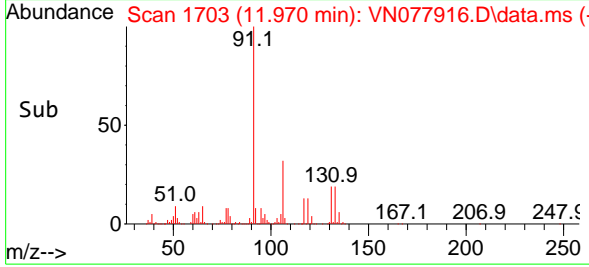
#67
 Ethyl Benzene
 Concen: 55.453 ug/l
 RT: 11.970 min Scan# 1703
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

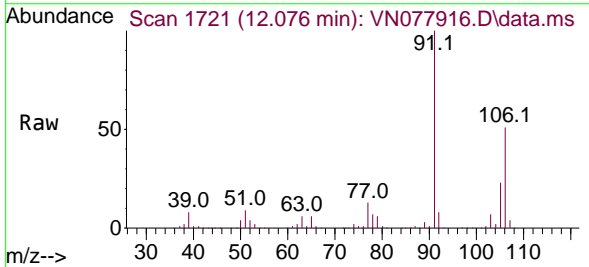


Tgt Ion: 91 Resp: 130977
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.6 38.4

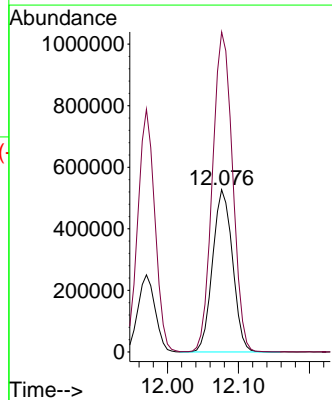
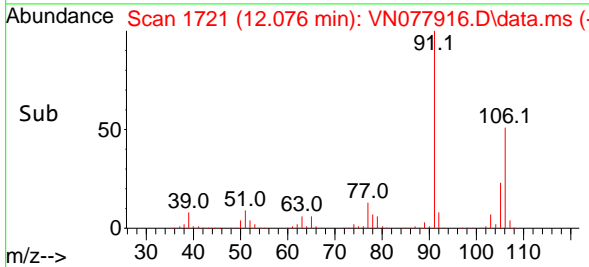
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

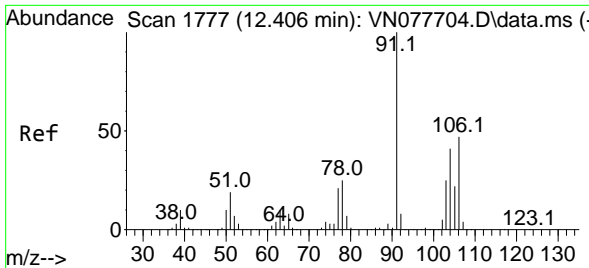


#68
 m/p-Xylenes
 Concen: 114.565 ug/l
 RT: 12.076 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion:106 Resp: 1025316
 Ion Ratio Lower Upper
 106 100
 91 198.9 159.6 239.4





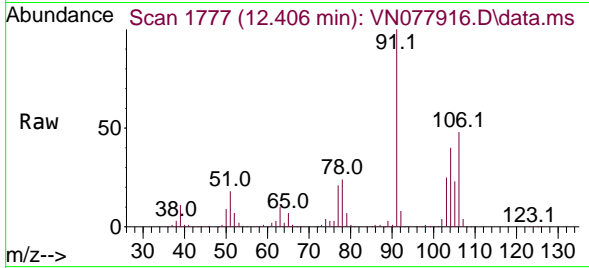
#69
 o-Xylene
 Concen: 57.486 ug/l
 RT: 12.406 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



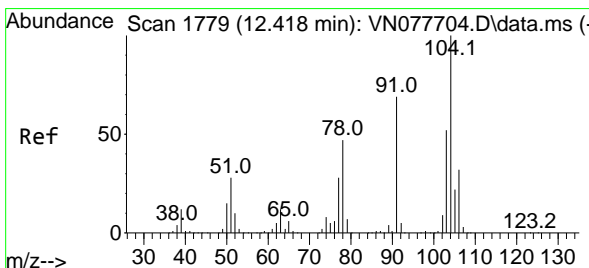
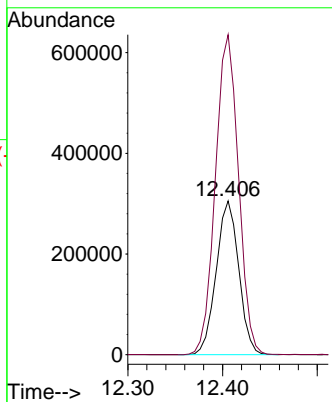
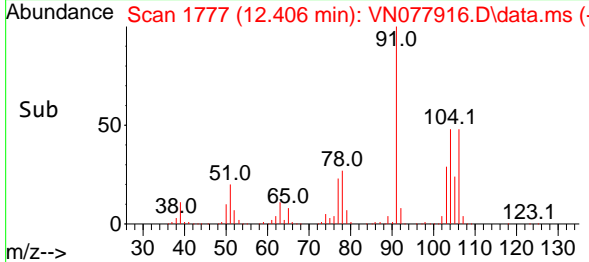
Tgt Ion:106 Resp: 505960
 Ion Ratio Lower Upper
 106 100
 91 213.3 105.2 315.5

Manual Integrations

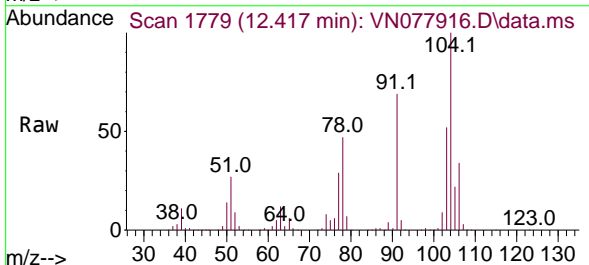
APPROVED

Reviewed By :John Carlone 05/26/2023

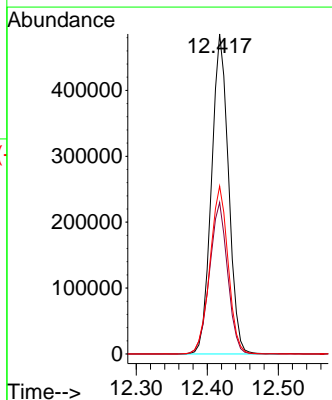
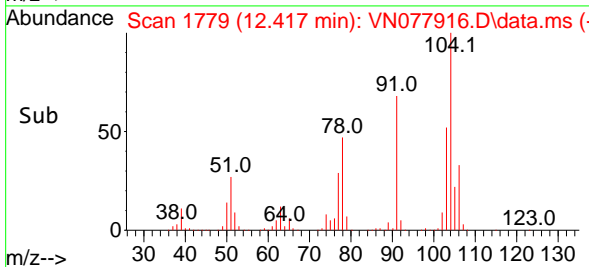
Supervised By :Mahesh Dadoda 05/26/2023

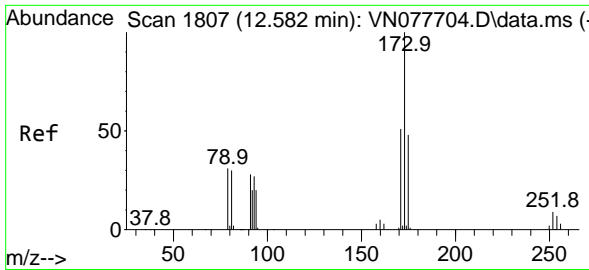


#70
 Styrene
 Concen: 57.759 ug/l
 RT: 12.417 min Scan# 1779
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



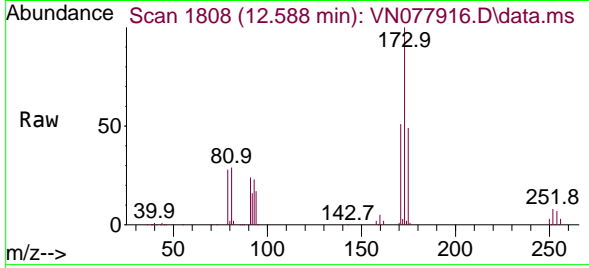
Tgt Ion:104 Resp: 807576
 Ion Ratio Lower Upper
 104 100
 78 50.1 39.5 59.3
 103 55.9 43.2 64.8





#71
 Bromoform
 Concen: 61.393 ug/l
 RT: 12.588 min Scan# 1808
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

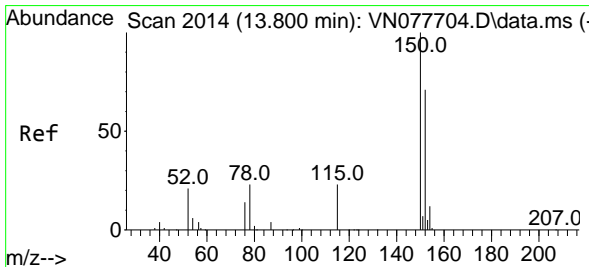
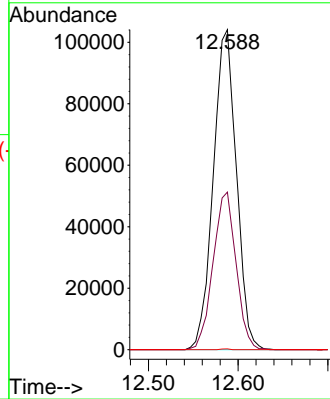
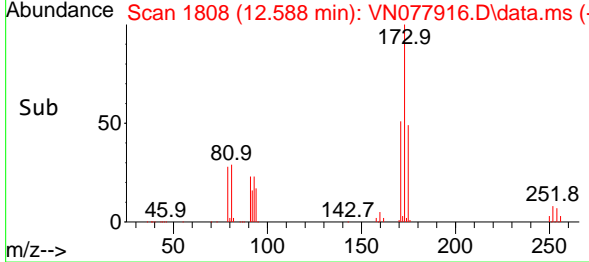
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC



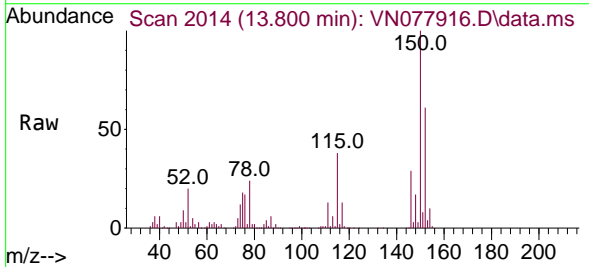
Tgt Ion:173 Resp: 18625
 Ion Ratio Lower Upper
 173 100
 175 48.9 24.3 73.0
 254 0.1 0.0 0.0

Manual Integrations
 APPROVED

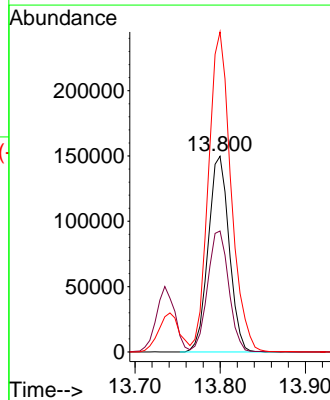
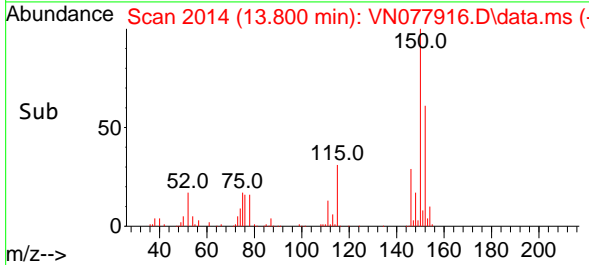
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

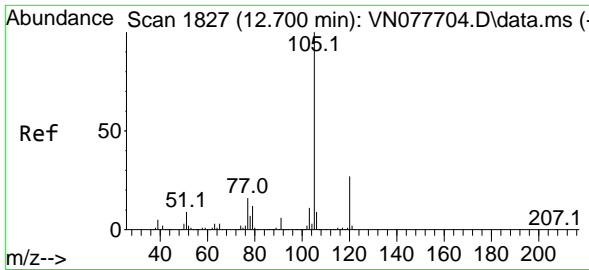


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion:152 Resp: 255409
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 175.3 0.0 355.8





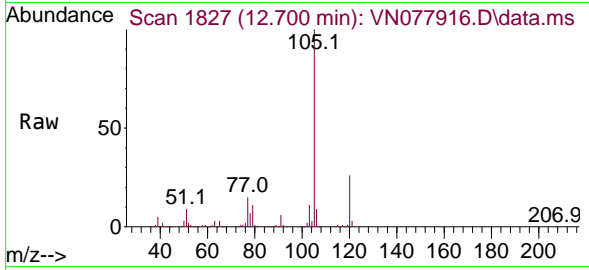
#73
 Isopropylbenzene
 Concen: 57.259 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



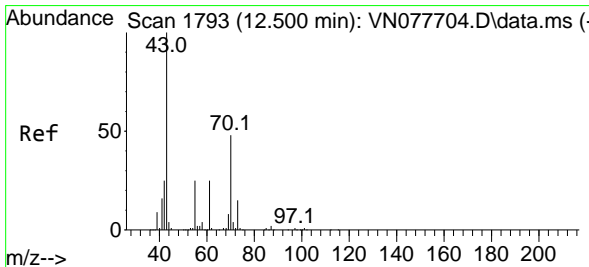
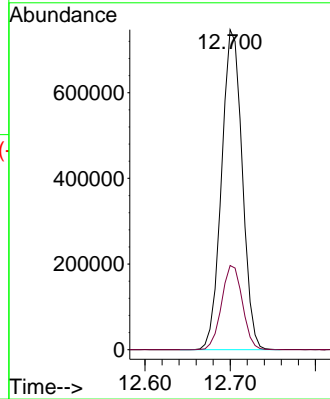
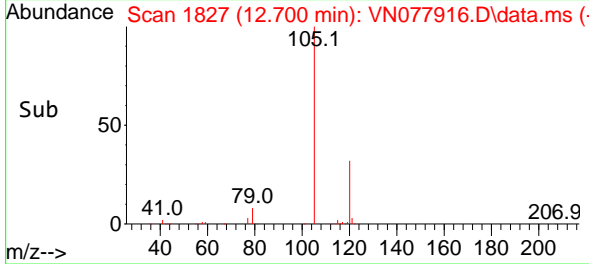
Tgt Ion:105 Resp: 1260634
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.1 39.1

Manual Integrations

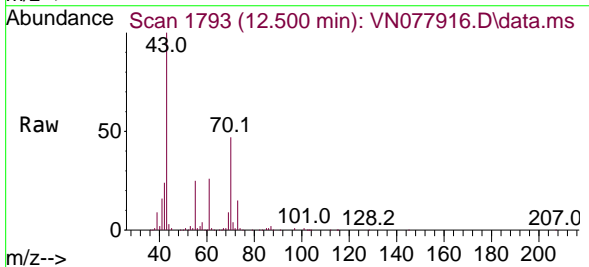
APPROVED

Reviewed By :John Carlone 05/26/2023

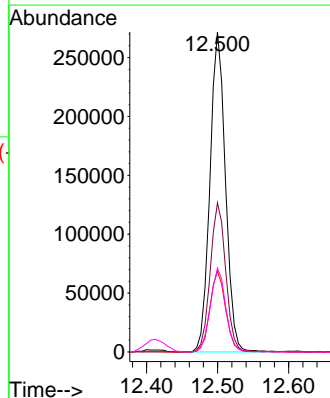
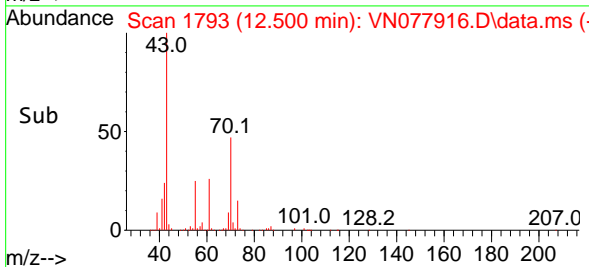
Supervised By :Mahesh Dadoda 05/26/2023

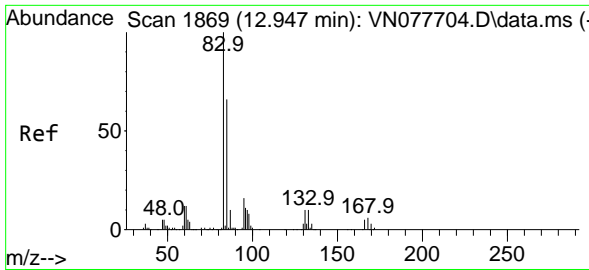


#74
 N-amy1 acetate
 Concen: 50.820 ug/l
 RT: 12.500 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



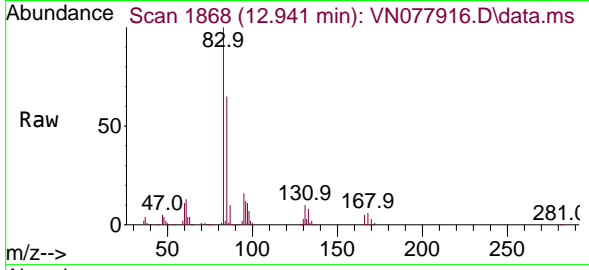
Tgt Ion: 43 Resp: 413570
 Ion Ratio Lower Upper
 43 100
 70 46.4 43.4 65.2
 55 25.6 21.4 32.0
 61 26.2 22.8 34.2





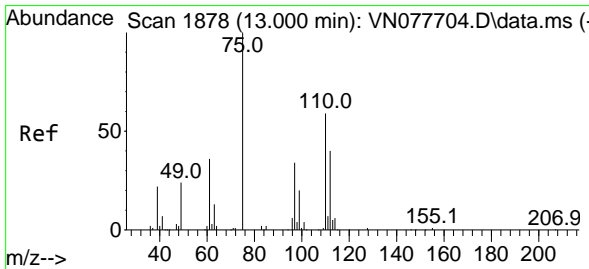
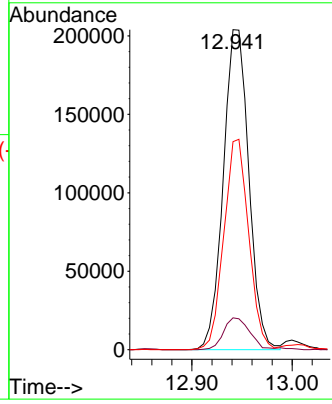
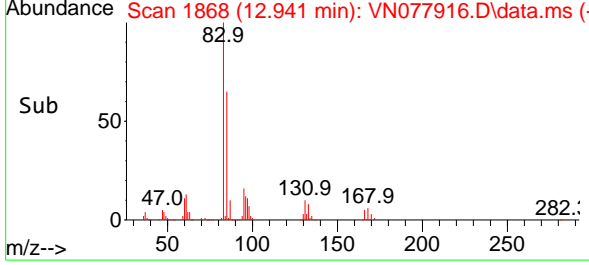
#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.341 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. -0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

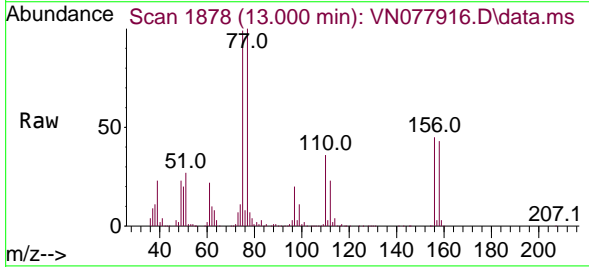


Tgt Ion: 83 Resp: 36128
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 15.0
 85 63.9 31.9 95.7

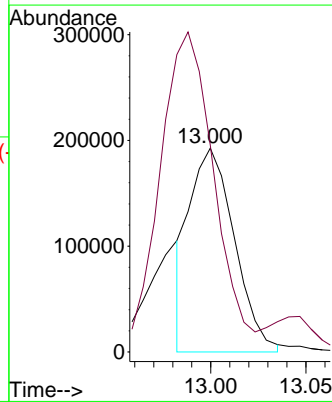
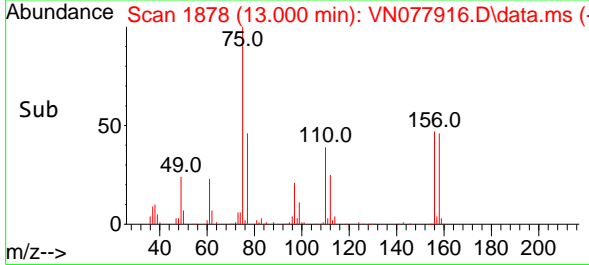
Manual Integrations
APPROVED
 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

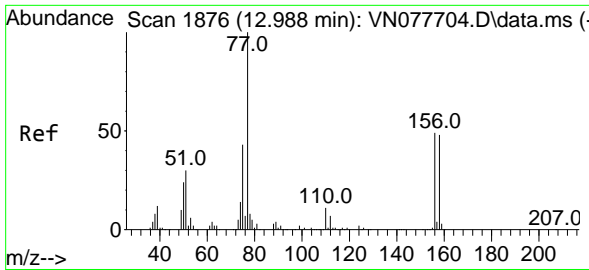


#76
 1,2,3-Trichloropropane
 Concen: 49.285 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



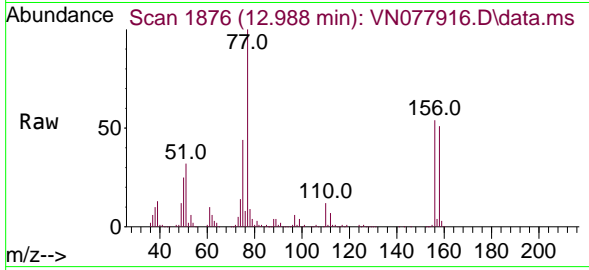
Tgt Ion: 75 Resp: 315242
 Ion Ratio Lower Upper
 75 100
 77 190.5 84.5 253.5





#77
 Bromobenzene
 Concen: 57.140 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

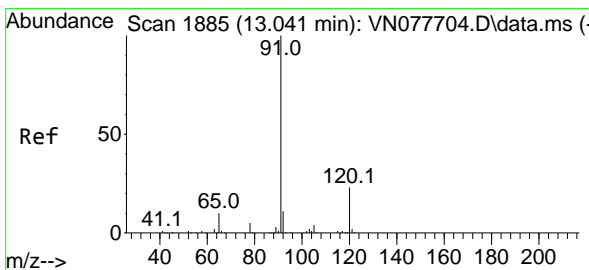
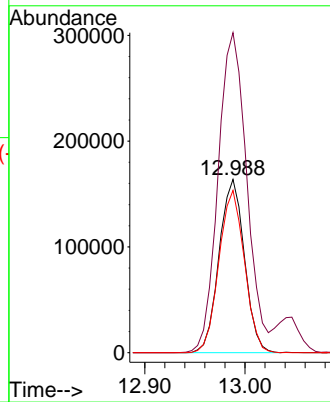
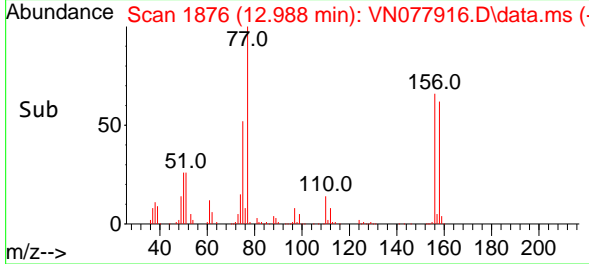
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



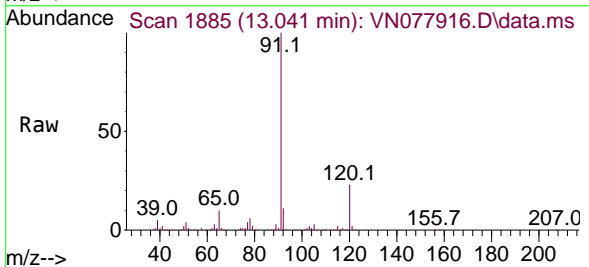
Tgt Ion:156 Resp: 287090
 Ion Ratio Lower Upper
 156 100
 77 209.2 107.7 323.3
 158 94.4 48.4 145.3

Manual Integrations
 APPROVED

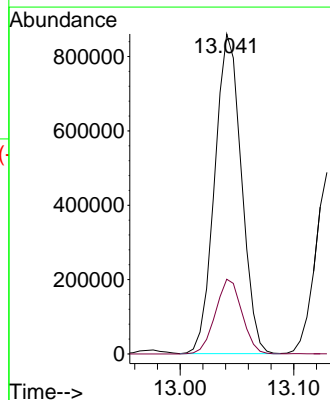
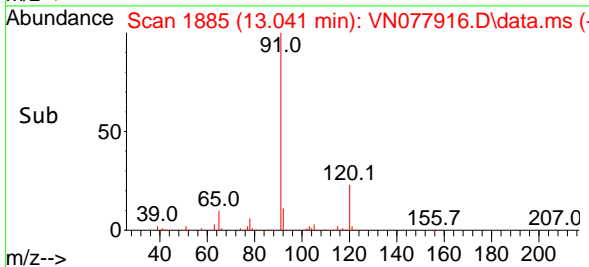
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

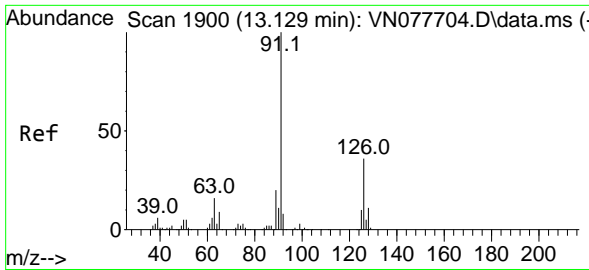


#78
 n-propylbenzene
 Concen: 54.209 ug/l
 RT: 13.041 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



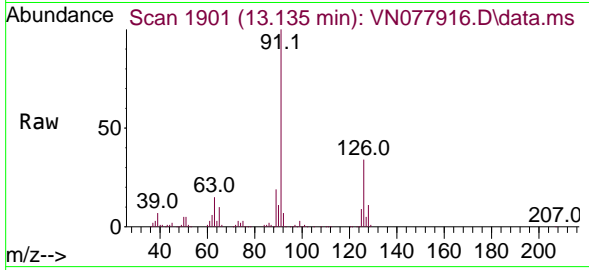
Tgt Ion: 91 Resp: 1407039
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.5 34.4





#79
 2-Chlorotoluene
 Concen: 56.688 ug/l
 RT: 13.135 min Scan# 1901
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

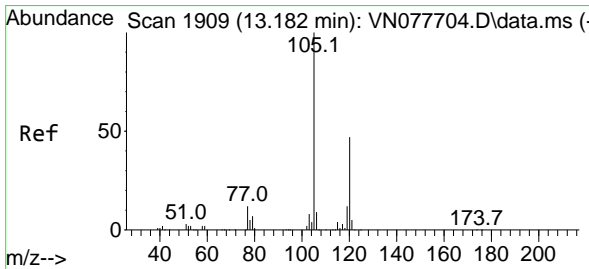
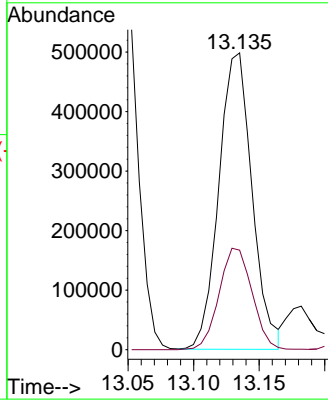
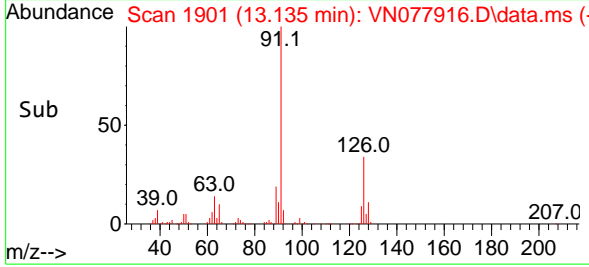
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



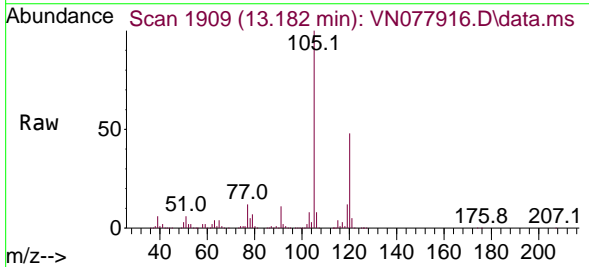
Tgt Ion: 91 Resp: 877998
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.3 48.8

Manual Integrations
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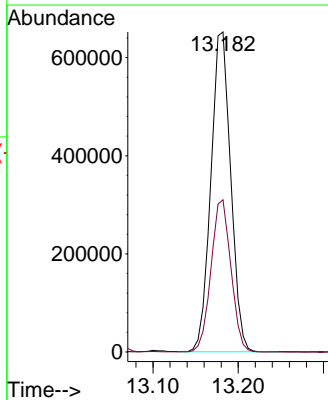
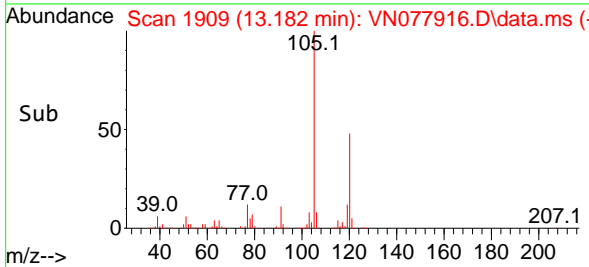
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

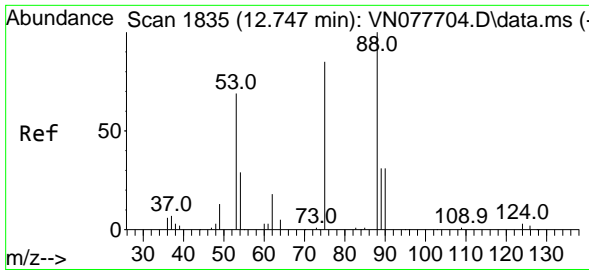


#80
 1,3,5-Trimethylbenzene
 Concen: 56.902 ug/l
 RT: 13.182 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



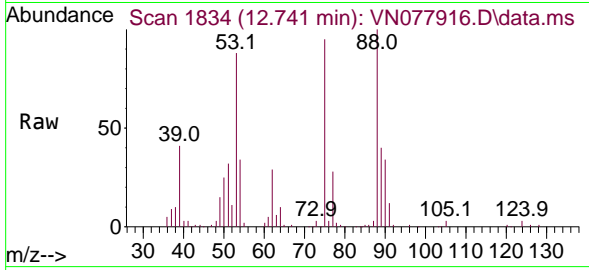
Tgt Ion:105 Resp: 1052907
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.1 72.3





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.304 ug/l
 RT: 12.741 min Scan# 1835
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

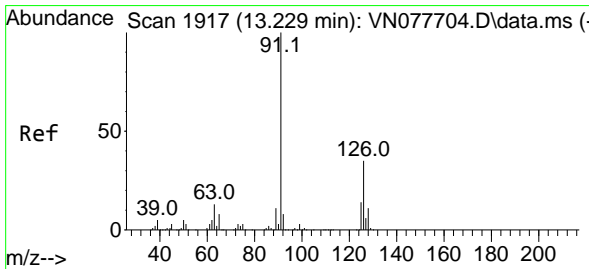
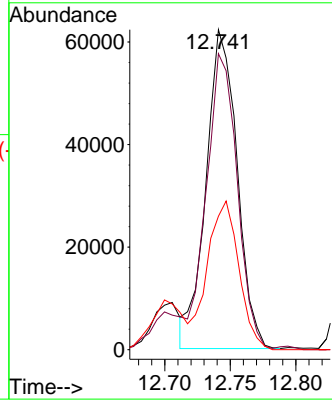
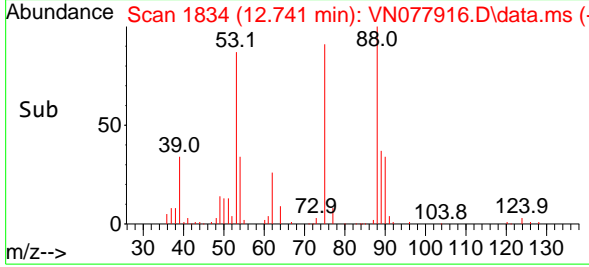
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



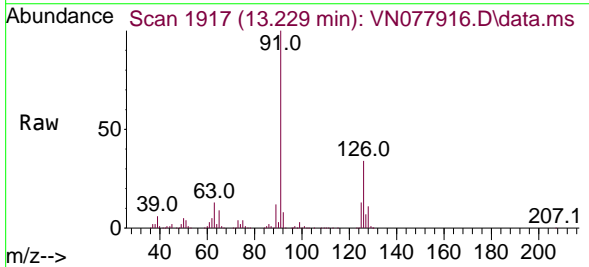
Tgt Ion: 75 Resp: 10266
 Ion Ratio Lower Upper
 75 100
 53 90.6 67.4 101.2
 89 47.3 38.8 58.2

Manual Integrations
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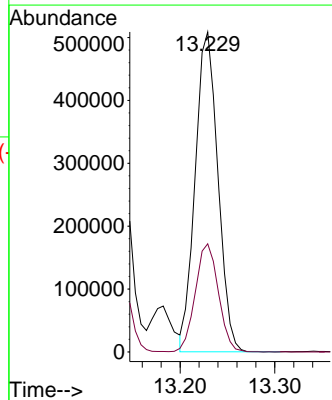
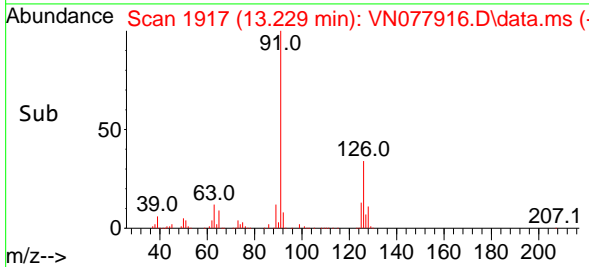
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

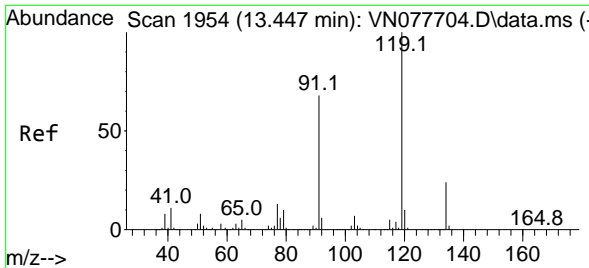


#82
 4-Chlorotoluene
 Concen: 54.837 ug/l
 RT: 13.229 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion: 91 Resp: 845050
 Ion Ratio Lower Upper
 91 100
 126 34.5 16.7 50.0





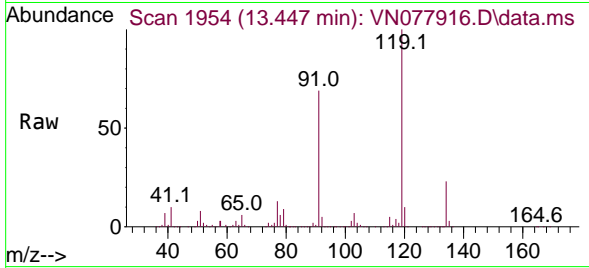
#83
 tert-Butylbenzene
 Concen: 54.243 ug/l
 RT: 13.447 min Scan# 1954
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC



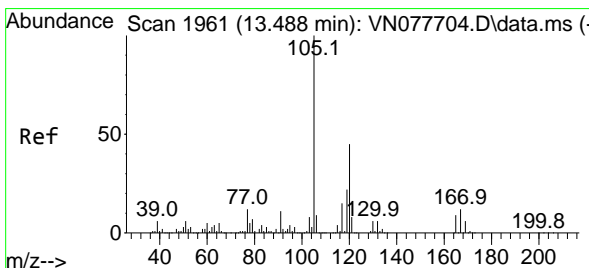
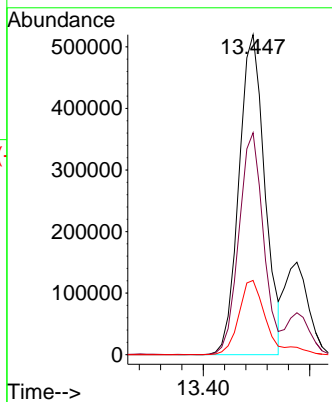
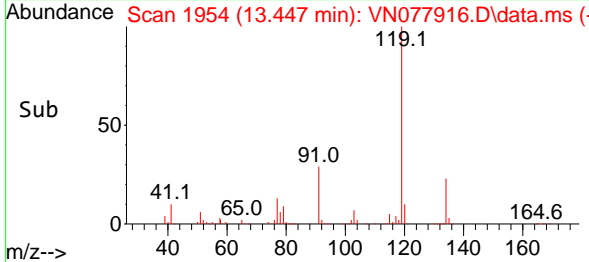
Tgt Ion:119 Resp: 876223
 Ion Ratio Lower Upper
 119 100
 91 65.8 33.9 101.7
 134 24.9 13.2 39.6

Manual Integrations

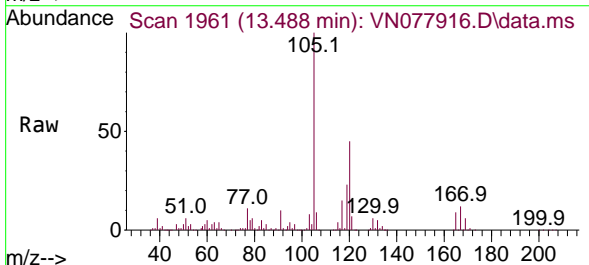
APPROVED

Reviewed By :John Carlone 05/26/2023

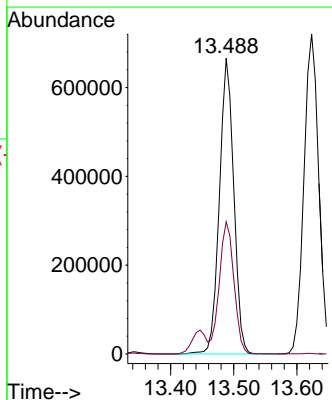
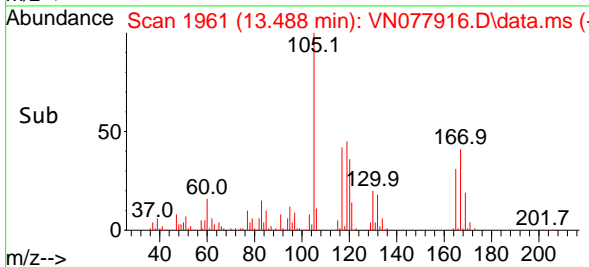
Supervised By :Mahesh Dadoda 05/26/2023

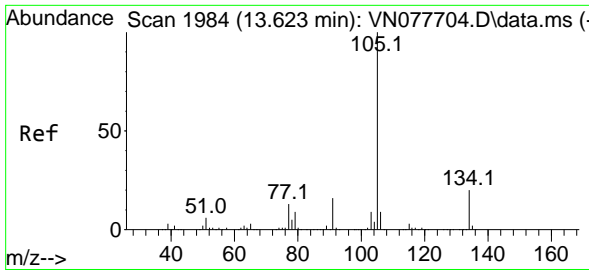


#84
 1,2,4-Trimethylbenzene
 Concen: 57.895 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion:105 Resp: 1053591
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.0 66.0





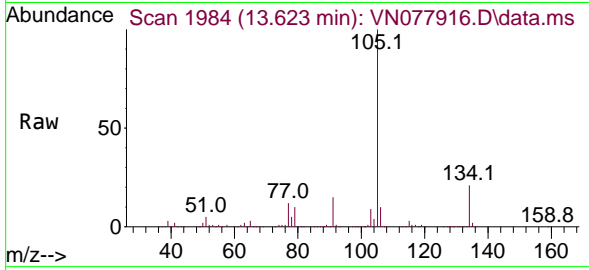
#85
 sec-Butylbenzene
 Concen: 50.869 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC



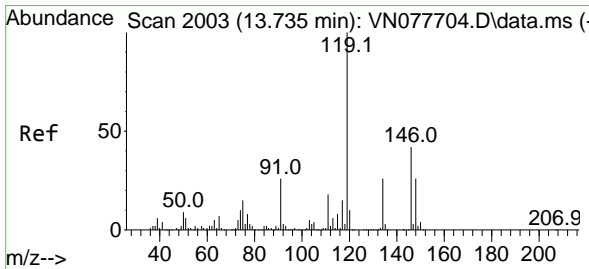
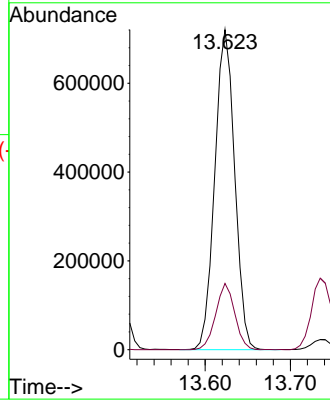
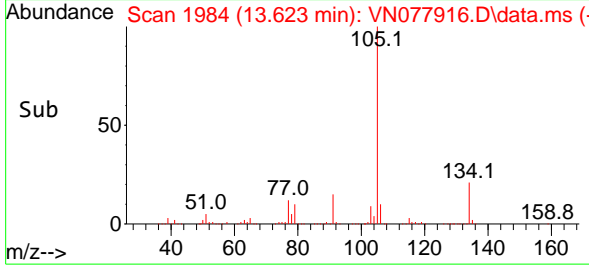
Tgt Ion:105 Resp: 116781
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations

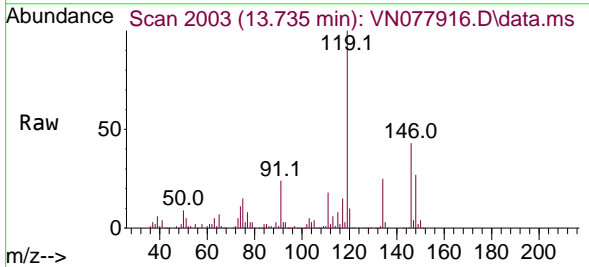
APPROVED

Reviewed By :John Carlone 05/26/2023

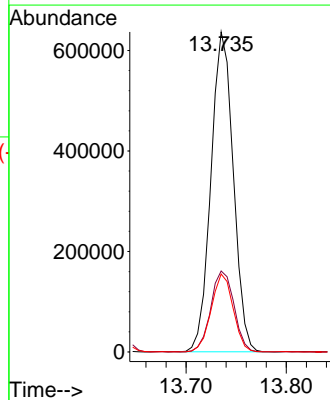
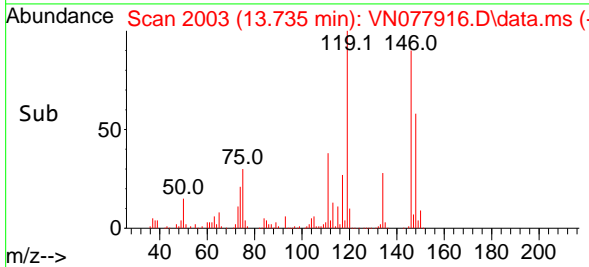
Supervised By :Mahesh Dadoda 05/26/2023

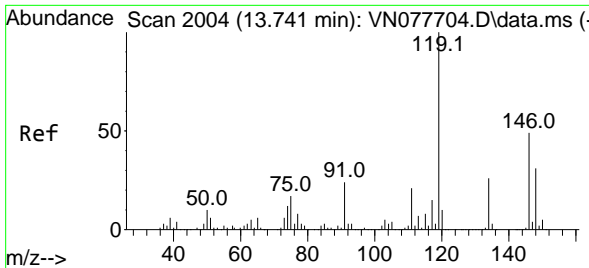


#86
 p-Isopropyltoluene
 Concen: 53.892 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



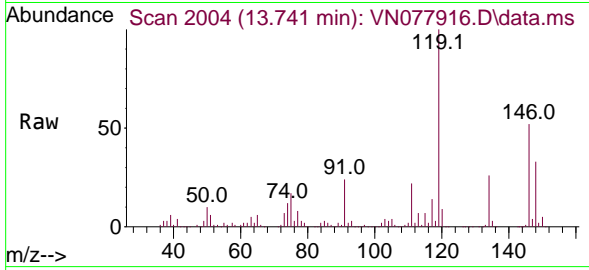
Tgt Ion:119 Resp: 986345
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 23.8 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 53.917 ug/l
 RT: 13.741 min Scan# 2004
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

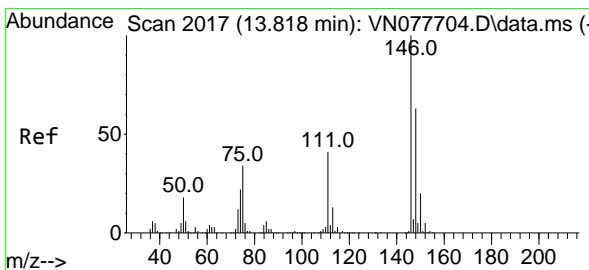
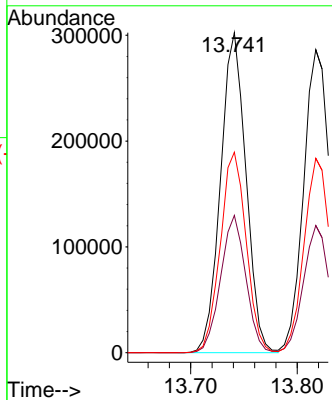
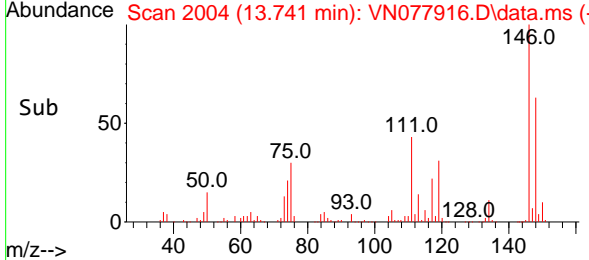
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



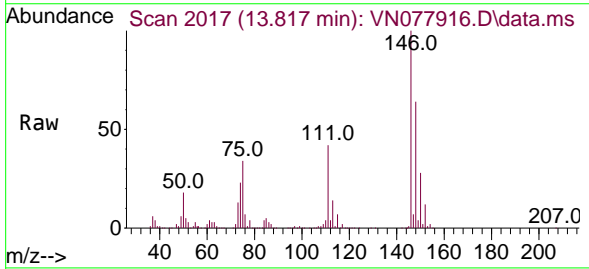
Tgt Ion:146 Resp: 500980
 Ion Ratio Lower Upper
 146 100
 111 42.5 22.1 66.3
 148 63.7 32.0 96.0

Manual Integrations
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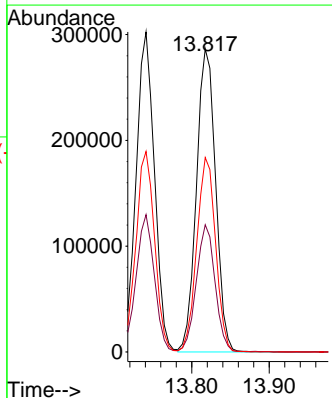
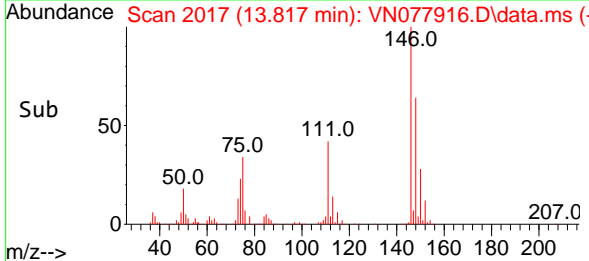
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

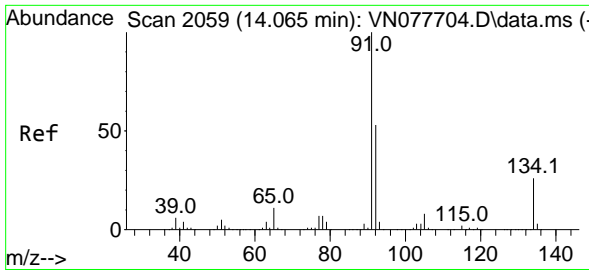


#88
 1,4-Dichlorobenzene
 Concen: 53.426 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



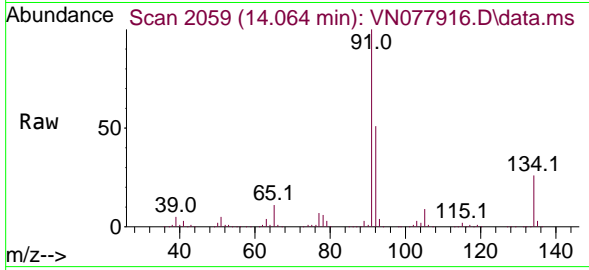
Tgt Ion:146 Resp: 492607
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 63.1 31.6 94.8





#89
 n-Butylbenzene
 Concen: 47.073 ug/l
 RT: 14.064 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

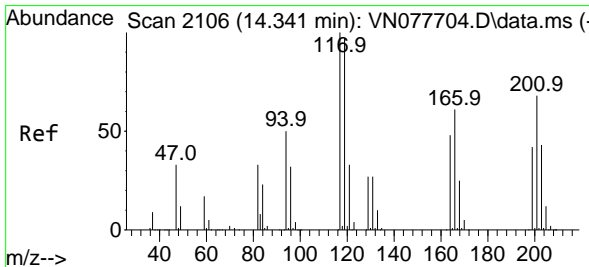
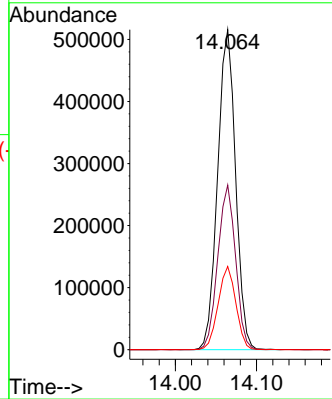
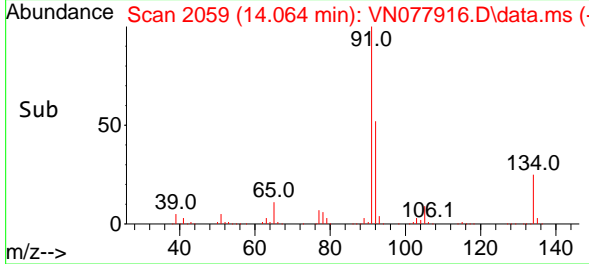
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC



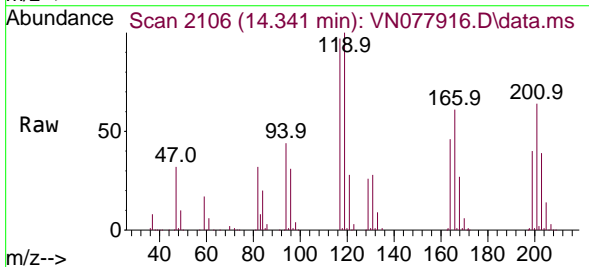
Tgt Ion: 91 Resp: 792429
 Ion Ratio Lower Upper
 91 100
 92 51.1 26.4 79.0
 134 25.7 12.6 37.6

Manual Integrations
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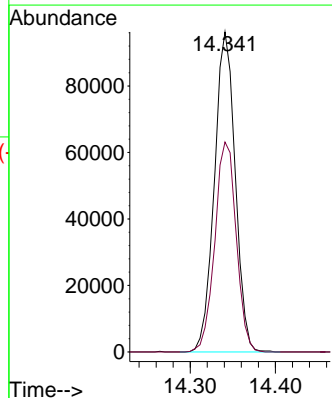
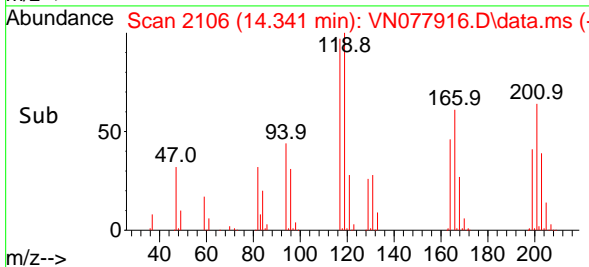
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

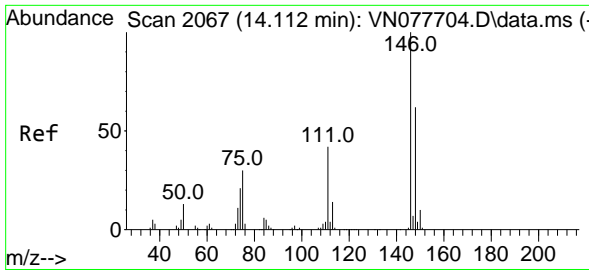


#90
 Hexachloroethane
 Concen: 54.420 ug/l
 RT: 14.341 min Scan# 2106
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion:117 Resp: 163623
 Ion Ratio Lower Upper
 117 100
 201 67.4 29.3 88.0





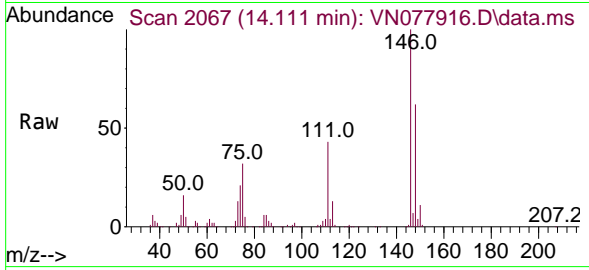
#91
 1,2-Dichlorobenzene
 Concen: 58.190 ug/l
 RT: 14.111 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



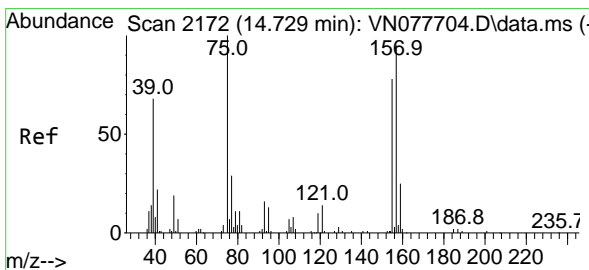
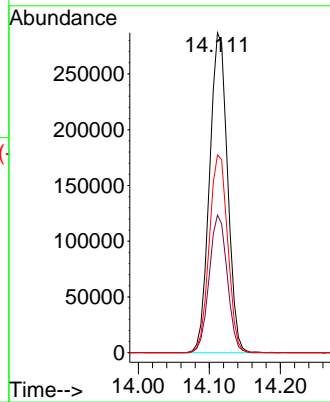
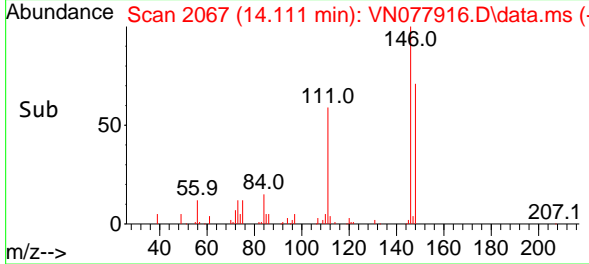
Tgt Ion:146 Resp: 505108
 Ion Ratio Lower Upper
 146 100
 111 43.0 22.0 66.0
 148 63.2 31.8 95.3

Manual Integrations

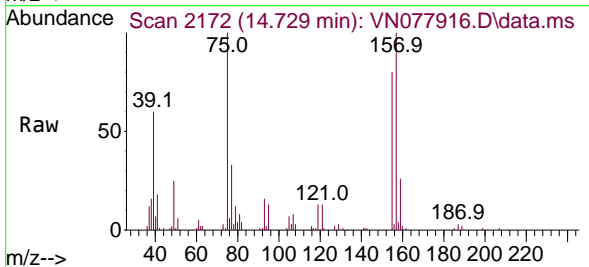
APPROVED

Reviewed By :John Carlone 05/26/2023

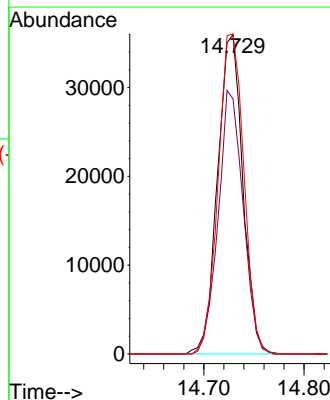
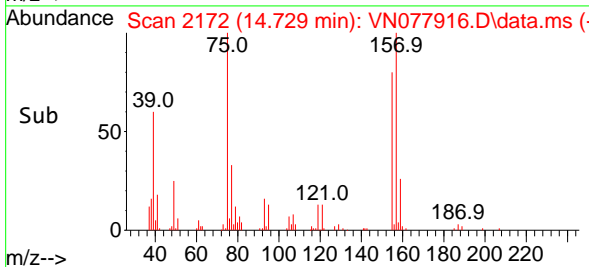
Supervised By :Mahesh Dadoda 05/26/2023

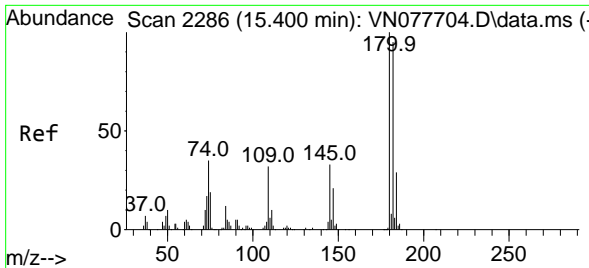


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.794 ug/l
 RT: 14.729 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion: 75 Resp: 62672
 Ion Ratio Lower Upper
 75 100
 155 81.3 39.1 117.2
 157 102.4 50.3 150.9





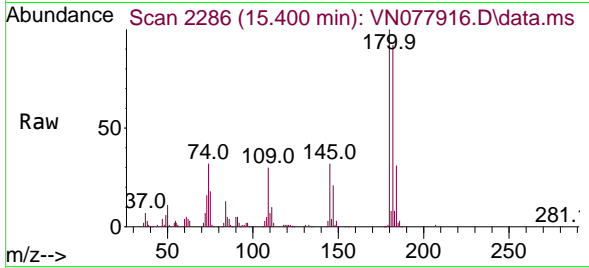
#93
 1,2,4-Trichlorobenzene
 Concen: 42.252 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

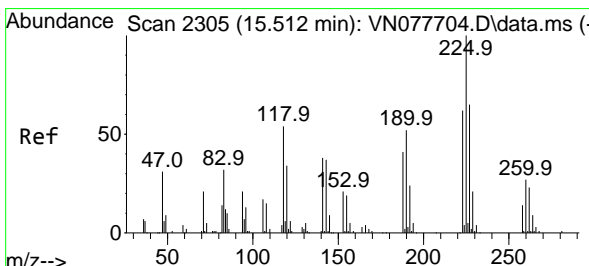
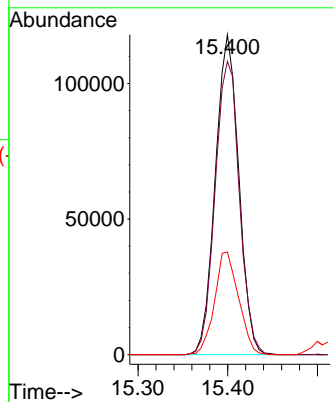
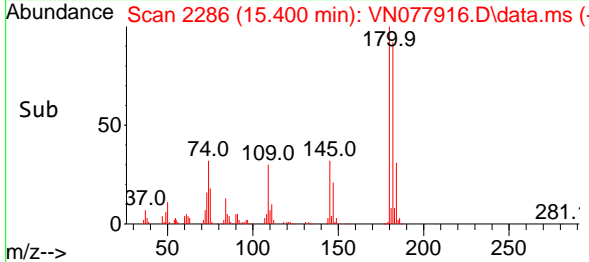


Tgt Ion:180 Resp: 21432
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.1 138.2
 145 32.8 16.6 49.8

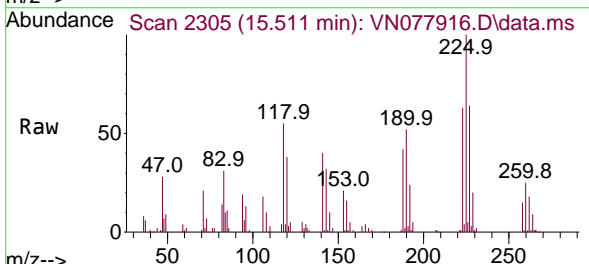
Manual Integrations

APPROVED

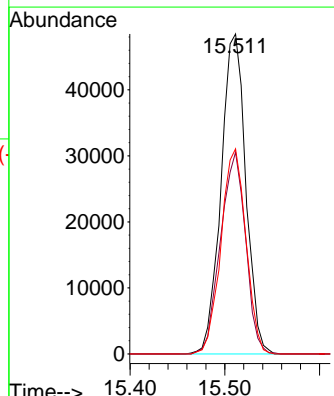
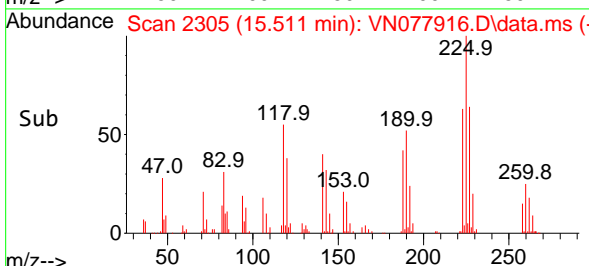
Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023

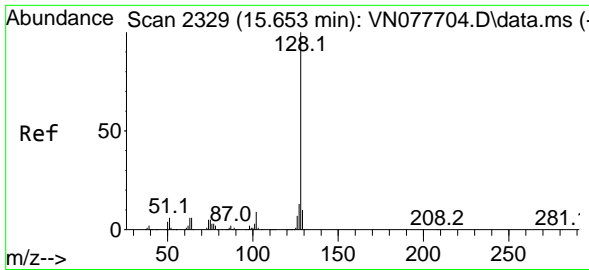


#94
 Hexachlorobutadiene
 Concen: 41.785 ug/l
 RT: 15.511 min Scan# 2305
 Delta R.T. 0.005 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



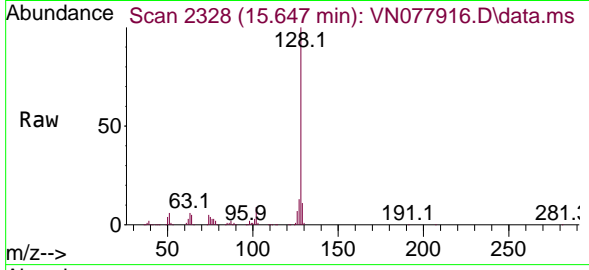
Tgt Ion:225 Resp: 88004
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.3 93.8
 227 64.5 31.9 95.9





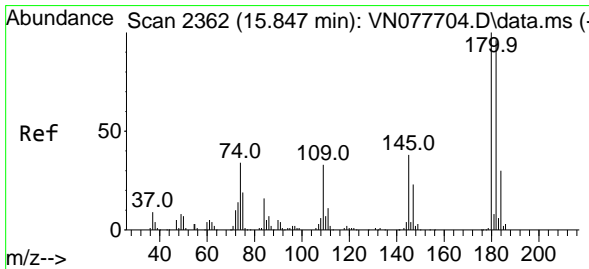
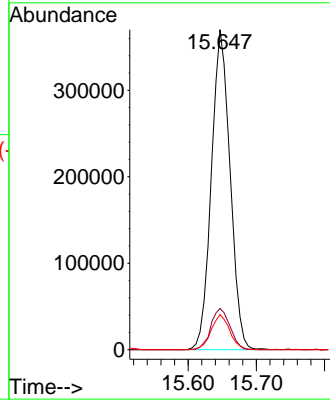
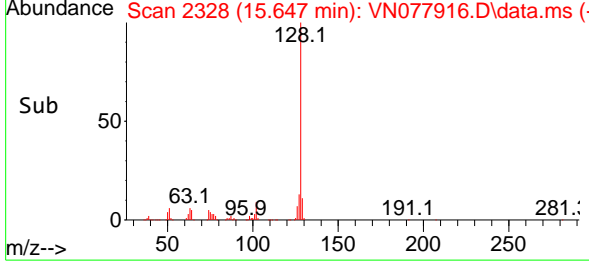
#95
 Naphthalene
 Concen: 40.532 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050EC

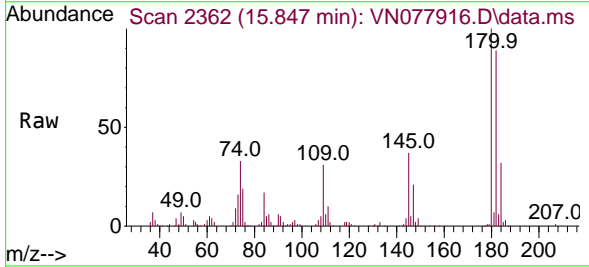


Tgt Ion:128 Resp: 707689
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.0 15.0
 129 10.8 8.7 13.1

Manual Integrations
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 Reviewed By :John Carlone 05/26/2023
 Supervised By :Mahesh Dadoda 05/26/2023



#96
 1,2,3-Trichlorobenzene
 Concen: 44.304 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. -0.000 min
 Lab File: VN077916.D
 Acq: 25 May 2023 20:49



Tgt Ion:180 Resp: 220037
 Ion Ratio Lower Upper
 180 100
 182 94.7 46.2 138.6
 145 35.4 17.5 52.6

