

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072123\
 Data File : VN078604.D
 Acq On : 21 Jul 2023 09:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

Quant Time: Jul 21 23:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	475826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	781425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	698816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	289326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	328681	51.526	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.060%
35) Dibromofluoromethane	8.177	113	294850	55.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.160%
50) Toluene-d8	10.571	98	1084140	54.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.200%
62) 4-Bromofluorobenzene	12.853	95	346990	56.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.440%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	256053	43.891	ug/l	99
3) Chloromethane	2.371	50	300410	47.377	ug/l	99
4) Vinyl Chloride	2.518	62	406283	49.531	ug/l	97
5) Bromomethane	2.948	94	245794	47.086	ug/l	97
6) Chloroethane	3.118	64	244645	49.277	ug/l	96
7) Trichlorofluoromethane	3.501	101	471080	48.043	ug/l	93
8) Diethyl Ether	3.971	74	161623	49.473	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.377	101	265752	51.200	ug/l	97
10) Methyl Iodide	4.600	142	341572	47.889	ug/l	95
11) Tert butyl alcohol	5.530	59	229265	233.075	ug/l	98
12) 1,1-Dichloroethene	4.348	96	242476	48.294	ug/l	94
13) Acrolein	4.189	56	239546	247.521	ug/l	96
14) Allyl chloride	5.030	41	330663	48.197	ug/l	93
15) Acrylonitrile	5.730	53	611964	246.232	ug/l	100
16) Acetone	4.436	43	629319	316.711	ug/l	97
17) Carbon Disulfide	4.718	76	582161	40.098	ug/l	98
18) Methyl Acetate	5.036	43	408828	48.603	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	843441	50.986	ug/l	94
20) Methylene Chloride	5.289	84	296250	52.027	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	273250	48.296	ug/l	87
22) Diisopropyl ether	6.683	45	832669	54.203	ug/l	94
23) Vinyl Acetate	6.612	43	2515745	257.597	ug/l	# 91
24) 1,1-Dichloroethane	6.577	63	517945	50.036	ug/l	97
25) 2-Butanone	7.488	43	841690	269.093	ug/l	88
26) 2,2-Dichloropropane	7.500	77	457534	54.041	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	336403	51.397	ug/l	93
28) Bromochloromethane	7.818	49	256954	52.702	ug/l	90
29) Tetrahydrofuran	7.841	42	492669	240.044	ug/l	85
30) Chloroform	7.977	83	567320	52.642	ug/l	93
31) Cyclohexane	8.265	56	395497	45.877	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	500304	51.779	ug/l	96
36) 1,1-Dichloropropene	8.377	75	402299	52.524	ug/l	97
37) Ethyl Acetate	7.565	43	315402	49.398	ug/l	# 95
38) Carbon Tetrachloride	8.371	117	444060	53.344	ug/l	97
39) Methylcyclohexane	9.606	83	371740	53.171	ug/l	91
40) Benzene	8.612	78	1202097	52.976	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	171651	52.735	ug/l	94
42) 1,2-Dichloroethane	8.677	62	410318	53.163	ug/l	99
43) Isopropyl Acetate	8.694	43	565223	53.769	ug/l	95
44) Trichloroethene	9.359	130	311250	50.893	ug/l	100
45) 1,2-Dichloropropane	9.630	63	317663	55.274	ug/l	97
46) Dibromomethane	9.718	93	218986	54.138	ug/l	93
47) Bromodichloromethane	9.894	83	452322	55.784	ug/l	98
48) Methyl methacrylate	9.688	41	258302	53.038	ug/l	91
49) 1,4-Dioxane	9.700	88	109390	1029.965	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	1658768	265.291	ug/l	94
52) Toluene	10.635	92	759841	54.029	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	469481	56.517	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	503825	56.900	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	306679	55.348	ug/l	99
56) Ethyl methacrylate	10.876	69	433031	55.906	ug/l	92
57) 1,3-Dichloropropane	11.165	76	511270	54.267	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	732711	265.442	ug/l	93
59) 2-Hexanone	11.200	43	1206957	271.603	ug/l	94
60) Dibromochloromethane	11.365	129	341345	55.802	ug/l	99
61) 1,2-Dibromoethane	11.476	107	304316	53.315	ug/l	99
64) Tetrachloroethene	11.106	164	261991	49.866	ug/l	98
65) Chlorobenzene	11.894	112	822071	52.629	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	322351	53.644	ug/l	98
67) Ethyl Benzene	11.971	91	1453109	55.035	ug/l	100
68) m/p-Xylenes	12.076	106	1099095	112.588	ug/l	98
69) o-Xylene	12.400	106	539042	54.668	ug/l	97
70) Styrene	12.418	104	883402	57.267	ug/l	98
71) Bromoform	12.582	173	223656	54.957	ug/l #	99
73) Isopropylbenzene	12.700	105	1357562	49.936	ug/l	99
74) N-amyl acetate	12.500	43	443421	47.329	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	416820	55.217	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	323088m	46.199	ug/l	
77) Bromobenzene	12.982	156	321221	54.471	ug/l	96
78) n-propylbenzene	13.041	91	1513540	52.058	ug/l	99
79) 2-Chlorotoluene	13.129	91	926889	48.671	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1110549	51.700	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	123306	46.333	ug/l	91
82) 4-Chlorotoluene	13.223	91	900833	50.707	ug/l	98
83) tert-Butylbenzene	13.441	119	927278	50.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	1085379	52.020	ug/l	98
85) sec-Butylbenzene	13.623	105	1179140	51.152	ug/l	99
86) p-Isopropyltoluene	13.735	119	961762	51.960	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	543948	52.119	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	524037	49.850	ug/l	99
89) n-Butylbenzene	14.059	91	724511	54.706	ug/l	98
90) Hexachloroethane	14.335	117	188734	55.567	ug/l	83
91) 1,2-Dichlorobenzene	14.112	146	523925	50.444	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	63355	48.626	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	161050	48.585	ug/l	98
94) Hexachlorobutadiene	15.506	225	102018	60.349	ug/l	97
95) Naphthalene	15.647	128	467071	41.216	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	176766	46.376	ug/l	96

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Compound R.T. QIon Response Conc Units Dev(Min)

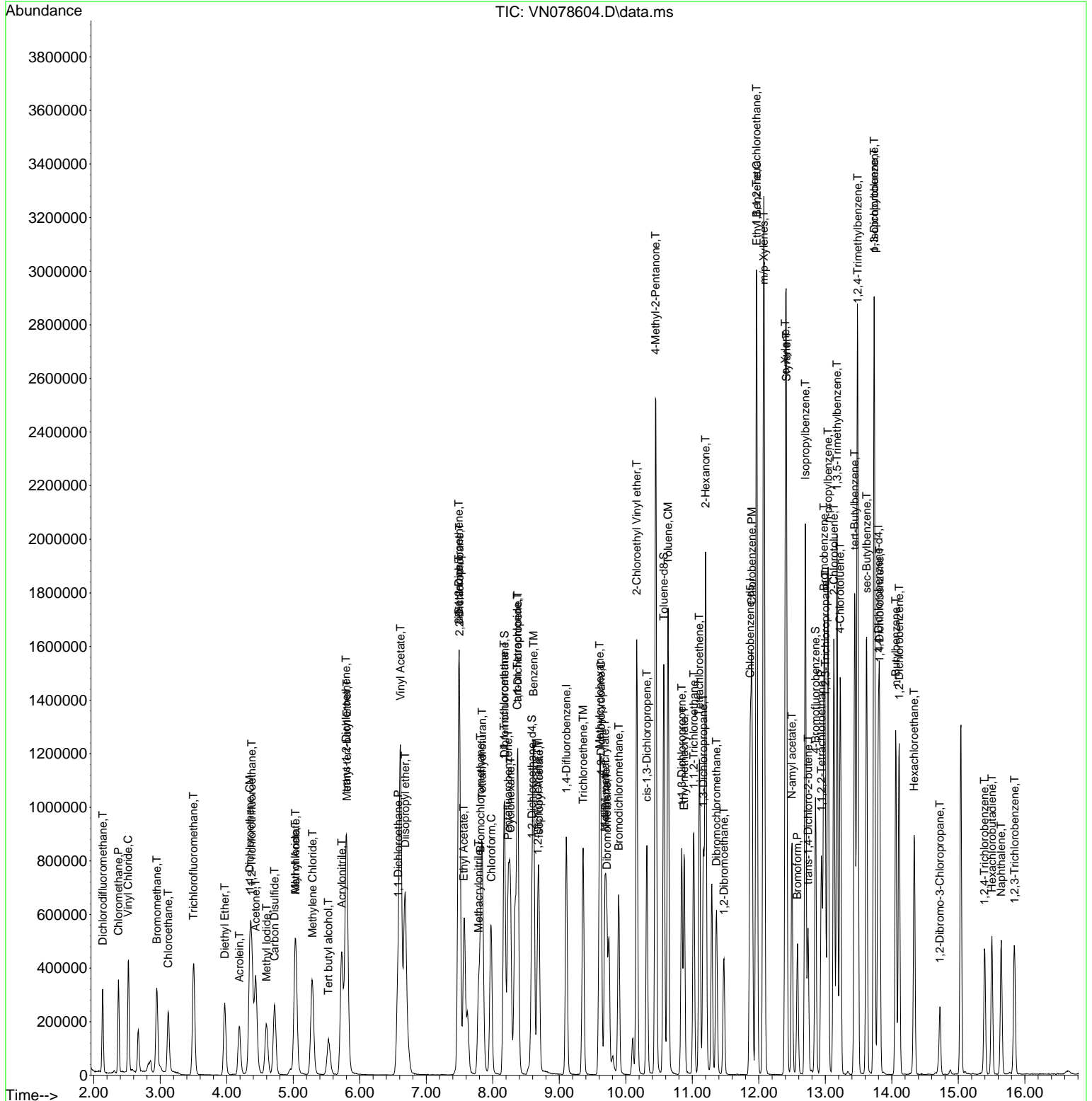
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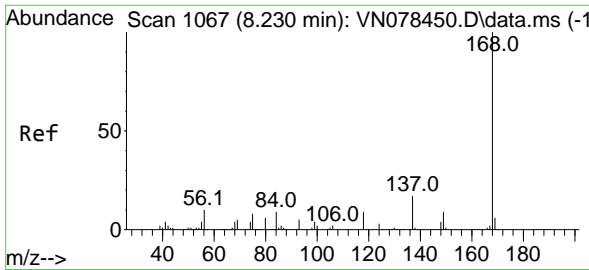
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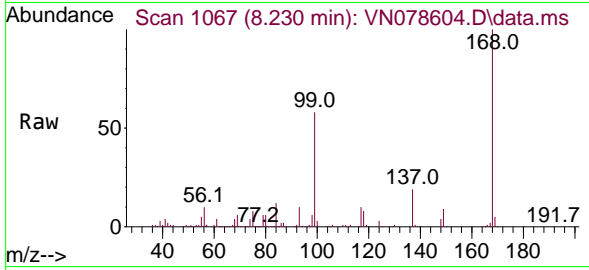
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#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.000 min
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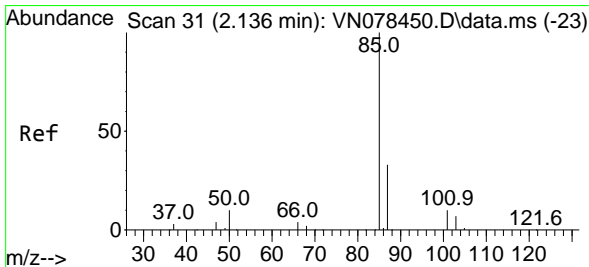
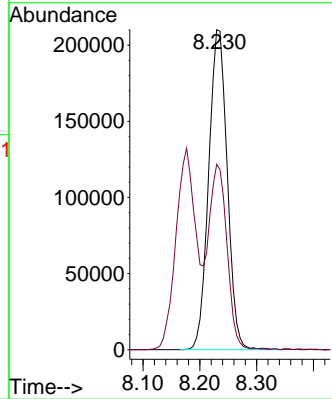
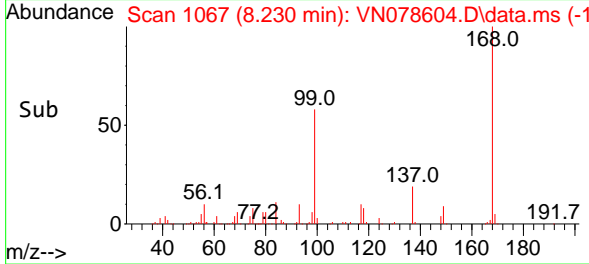
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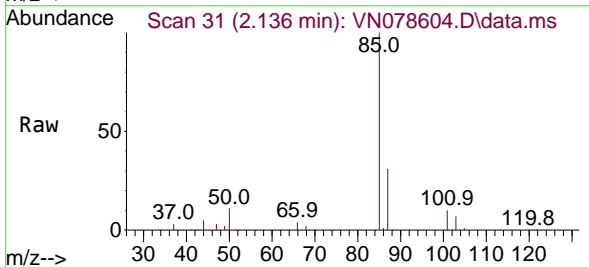
Tgt Ion: 168 Resp: 475820
 Ion Ratio Lower Upper
 168 100
 99 57.9 53.0 79.6

Manual Integrations
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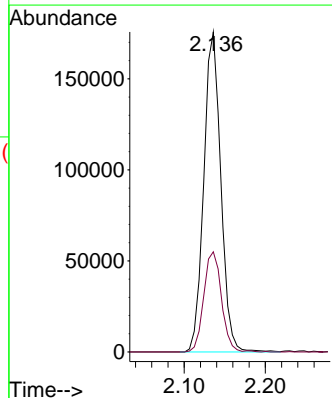
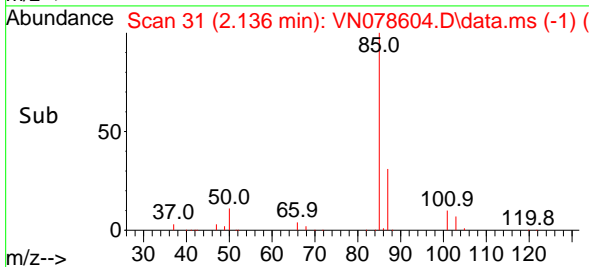
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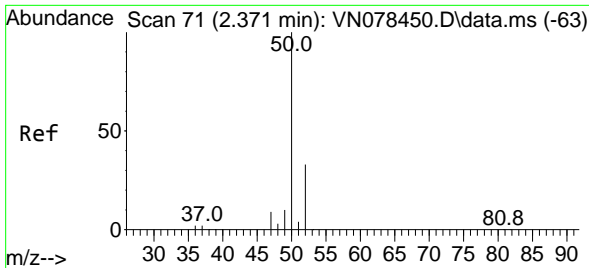


#2
 Dichlorodifluoromethane
 Concen: 43.891 ug/l
 RT: 2.136 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VN078604.D
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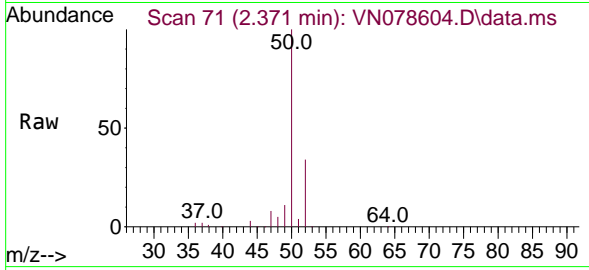
Tgt Ion: 85 Resp: 256053
 Ion Ratio Lower Upper
 85 100
 87 31.3 15.8 47.4





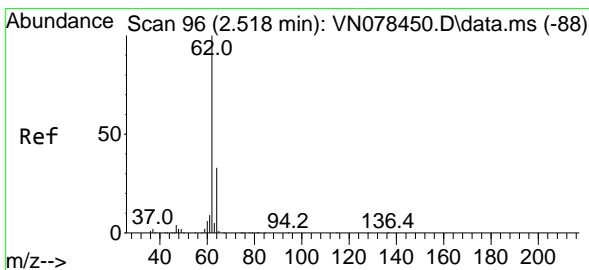
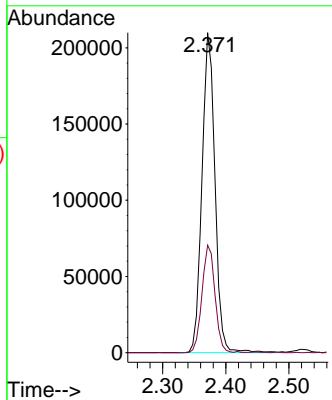
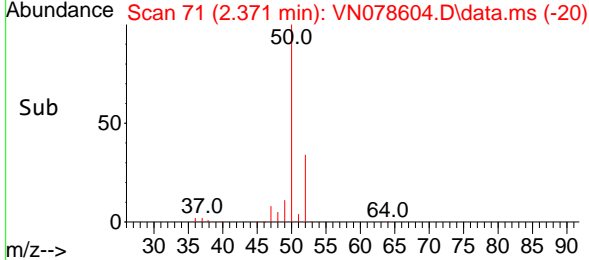
#3
 Chloromethane
 Concen: 47.377 ug/l
 RT: 2.371 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN078604.D
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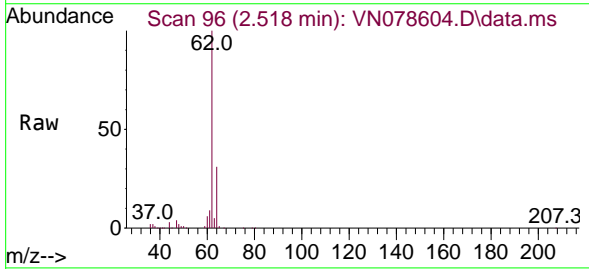


Tgt Ion: 50 Resp: 300410
 Ion Ratio Lower Upper
 50 100
 52 33.6 26.5 39.7

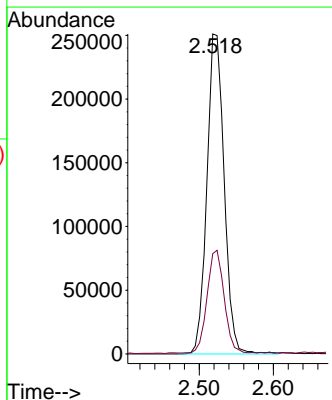
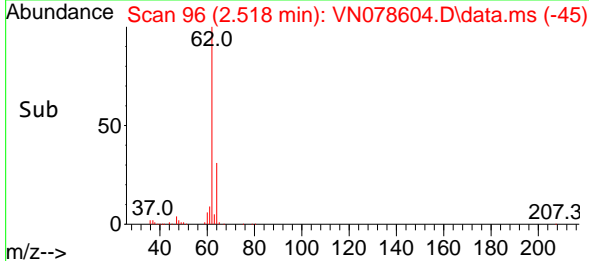
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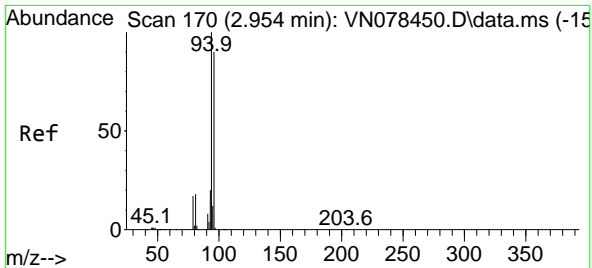


#4
 Vinyl Chloride
 Concen: 49.531 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VN078604.D
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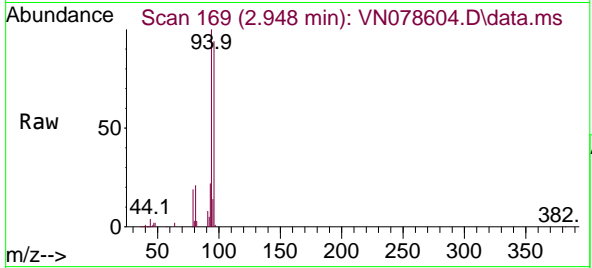
Tgt Ion: 62 Resp: 406283
 Ion Ratio Lower Upper
 62 100
 64 31.1 26.2 39.2





#5
 Bromomethane
 Concen: 47.086 ug/l
 RT: 2.948 min Scan# 169
 Delta R.T. -0.006 min
 Lab File: VN078604.D
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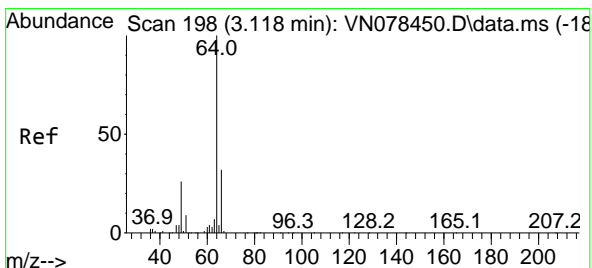
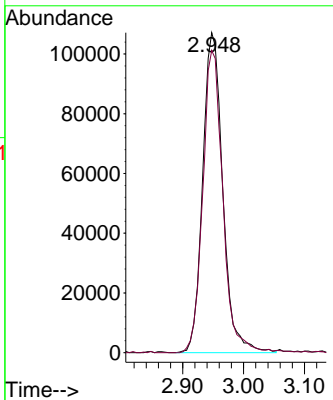
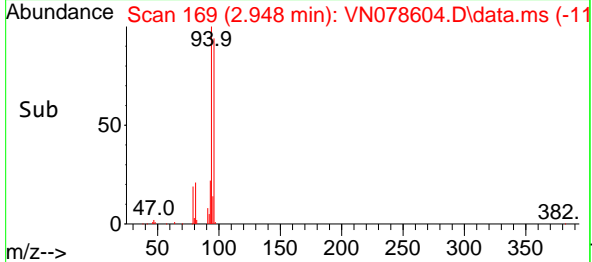
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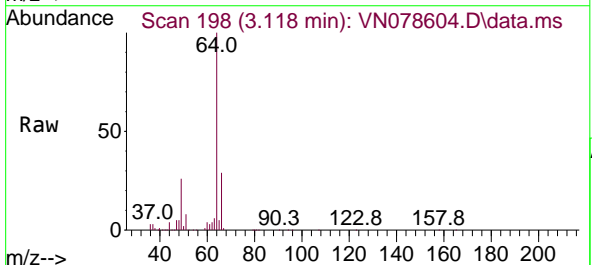
Tgt Ion: 94 Resp: 245794
 Ion Ratio Lower Upper
 94 100
 96 94.4 73.1 109.7

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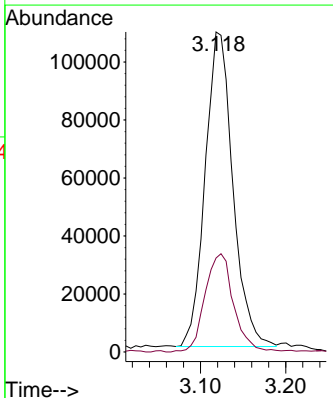
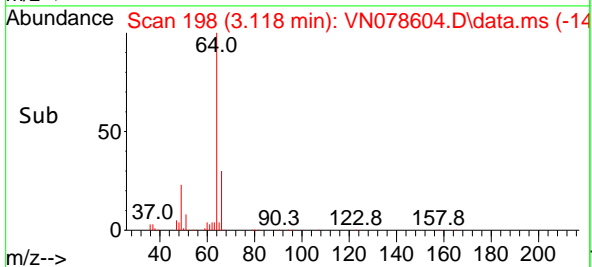
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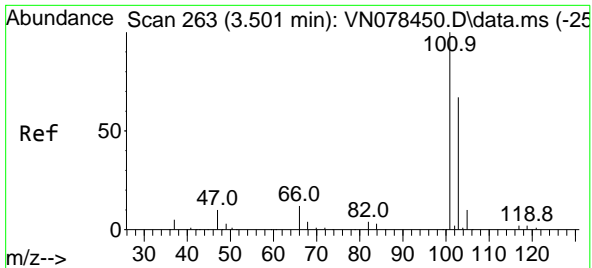


#6
 Chloroethane
 Concen: 49.277 ug/l
 RT: 3.118 min Scan# 198
 Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 244645
 Ion Ratio Lower Upper
 64 100
 66 29.5 25.4 38.2





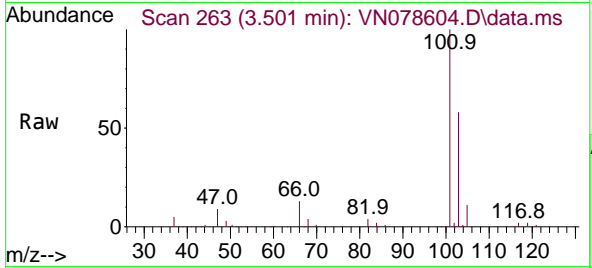
#7
 Trichlorofluoromethane
 Concen: 48.043 ug/l
 RT: 3.501 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

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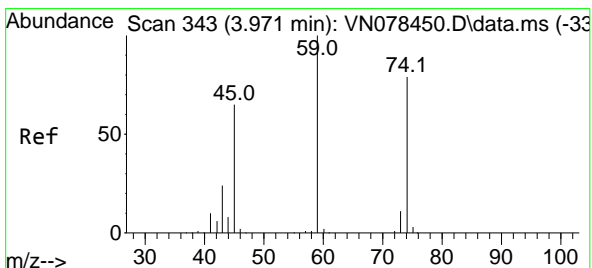
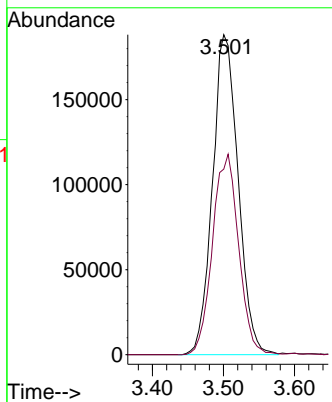
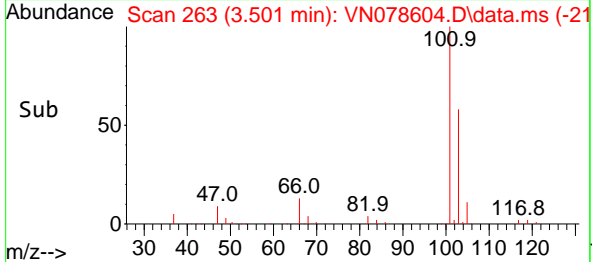
Tgt Ion: 101 Resp: 471080
 Ion Ratio Lower Upper
 101 100
 103 58.0 50.7 76.1

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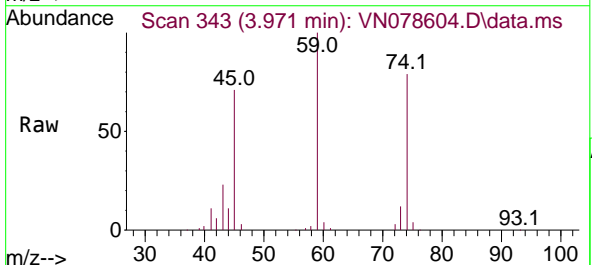
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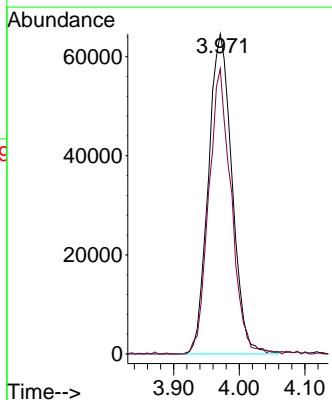
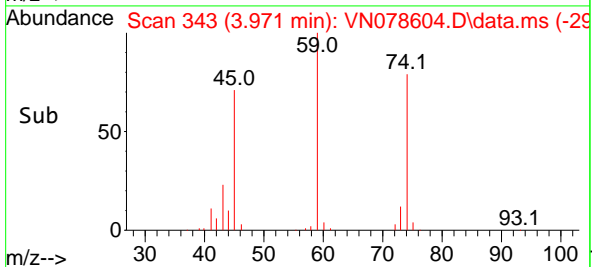
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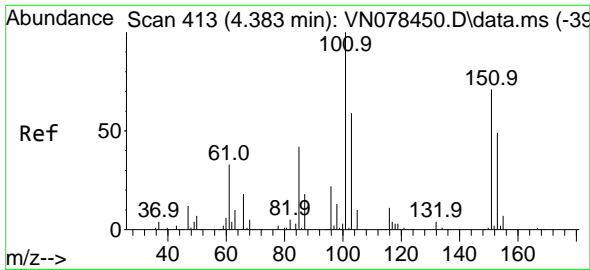


#8
 Diethyl Ether
 Concen: 49.473 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 161623
 Ion Ratio Lower Upper
 74 100
 45 84.6 34.4 103.3





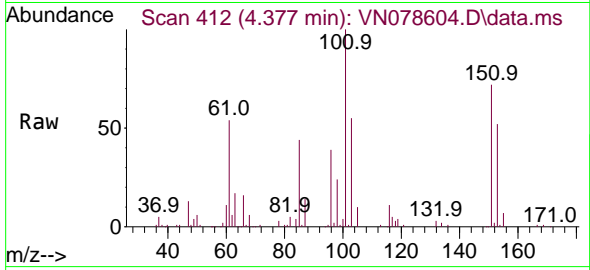
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 51.200 ug/l
 RT: 4.377 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



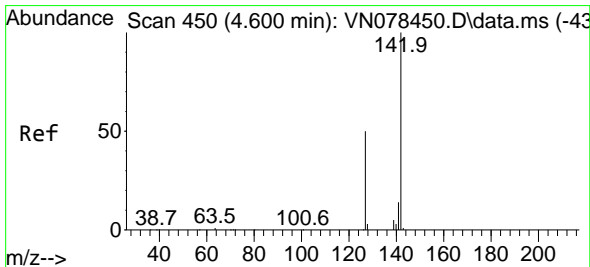
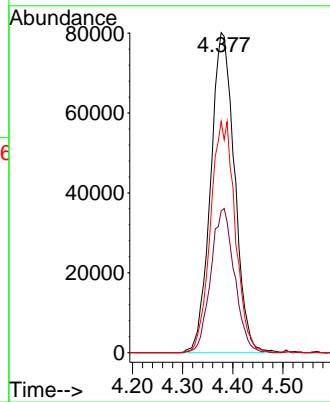
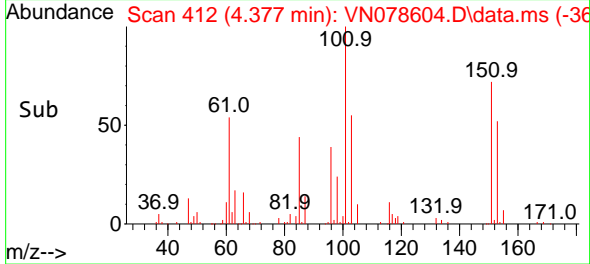
Tgt Ion:101 Resp: 265752
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.6 55.0
 151 74.6 57.6 86.4

Manual Integrations

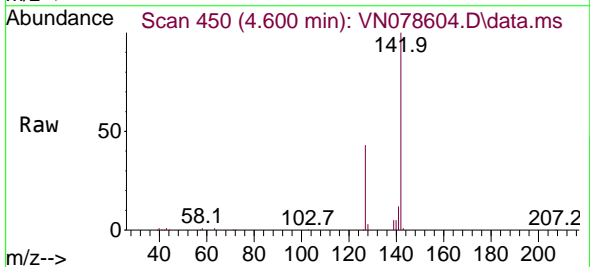
APPROVED

Reviewed By :John Carlone 07/24/2023

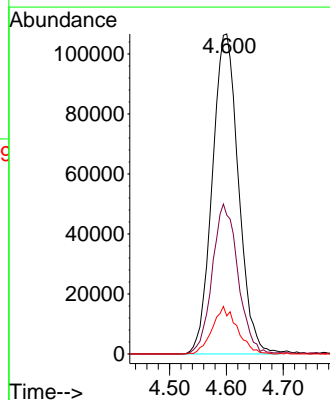
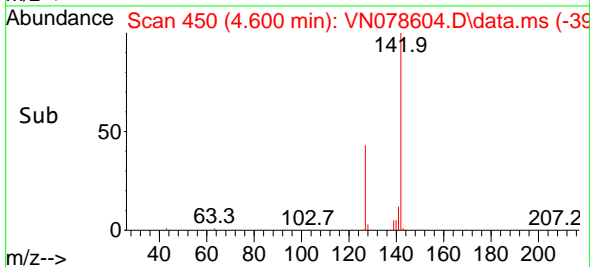
Supervised By :Mahesh Dadoda 07/24/2023

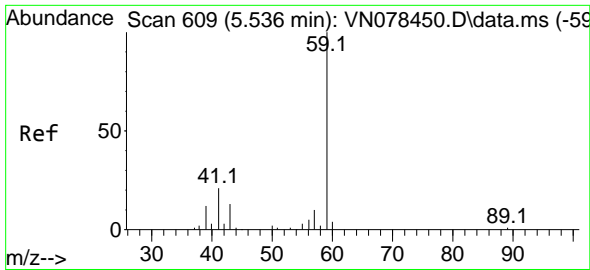


#10
 Methyl Iodide
 Concen: 47.889 ug/l
 RT: 4.600 min Scan# 450
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:142 Resp: 341572
 Ion Ratio Lower Upper
 142 100
 127 43.4 37.6 56.4
 141 11.9 11.4 17.0





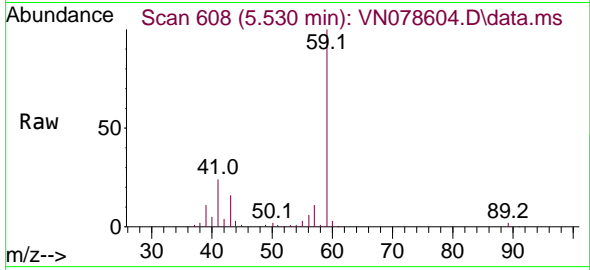
#11
 Tert butyl alcohol
 Concen: 233.075 ug/l
 RT: 5.530 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050



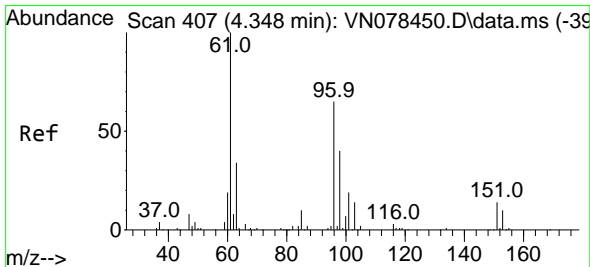
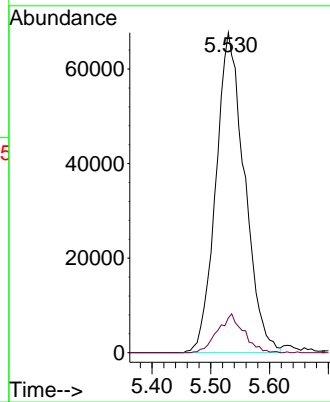
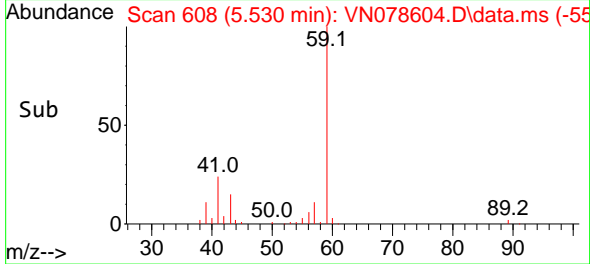
Tgt Ion: 59 Resp: 22926
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.4

Manual Integrations

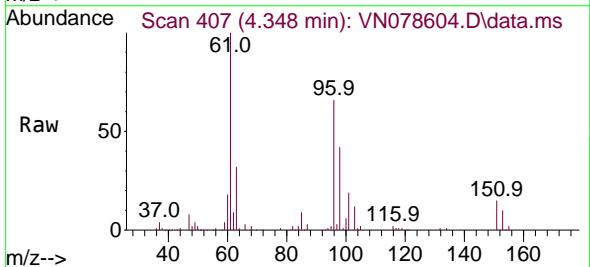
APPROVED

Reviewed By :John Carlone 07/24/2023

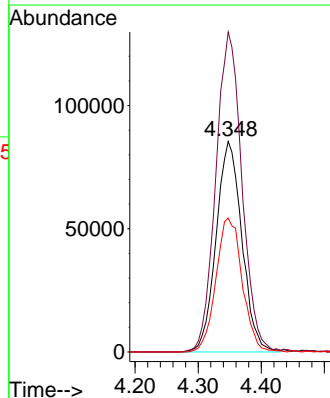
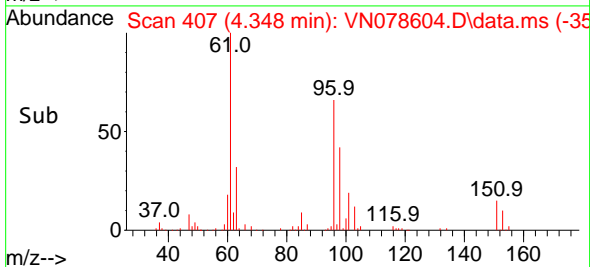
Supervised By :Mahesh Dadoda 07/24/2023

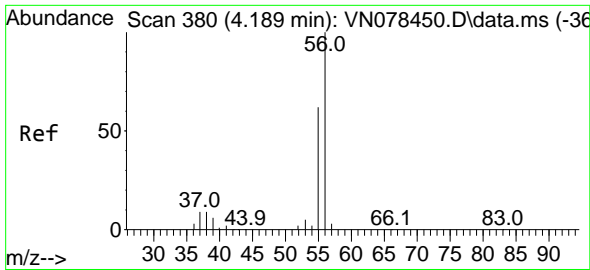


#12
 1,1-Dichloroethene
 Concen: 48.294 ug/l
 RT: 4.348 min Scan# 407
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 96 Resp: 242476
 Ion Ratio Lower Upper
 96 100
 61 151.9 112.7 169.1
 98 63.6 51.2 76.8





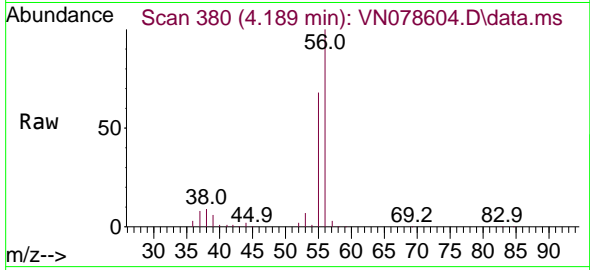
#13
 Acrolein
 Concen: 247.521 ug/l
 RT: 4.189 min Scan# 380
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



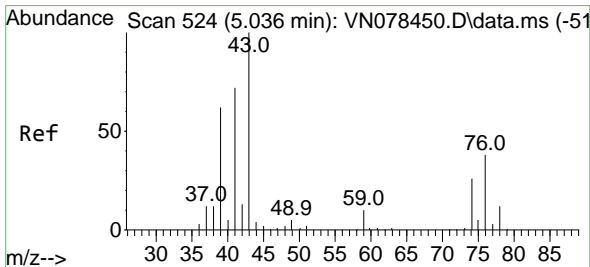
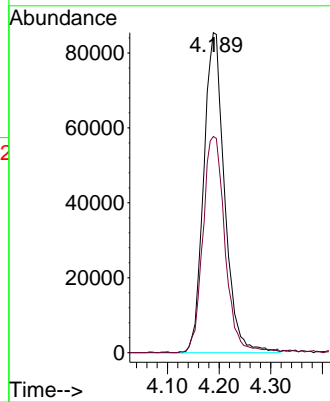
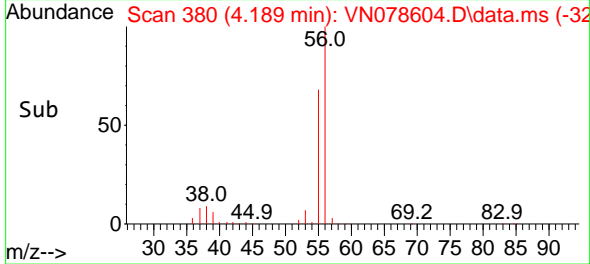
Tgt Ion: 56 Resp: 239540
 Ion Ratio Lower Upper
 56 100
 55 71.7 54.5 81.7

Manual Integrations

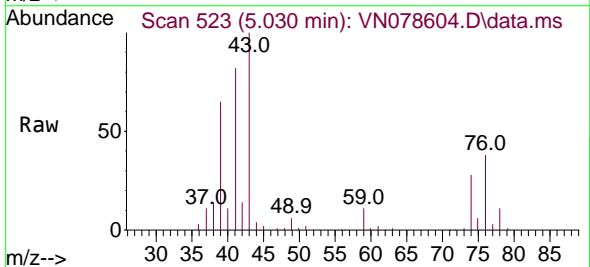
APPROVED

Reviewed By :John Carlone 07/24/2023

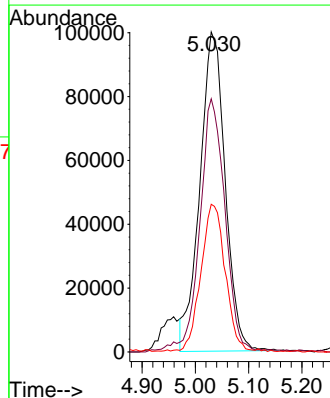
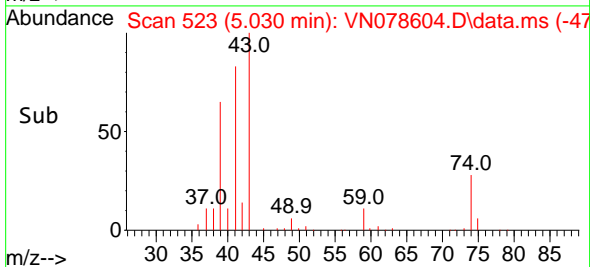
Supervised By :Mahesh Dadoda 07/24/2023

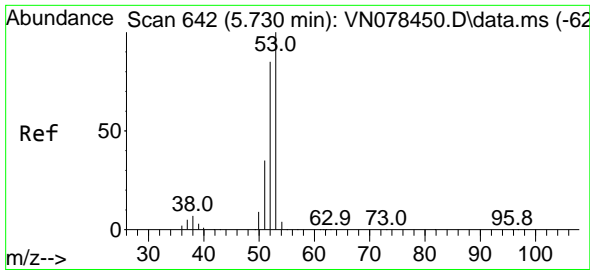


#14
 Allyl chloride
 Concen: 48.197 ug/l
 RT: 5.030 min Scan# 523
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 41 Resp: 330663
 Ion Ratio Lower Upper
 41 100
 39 78.6 58.8 88.2
 76 43.6 39.1 58.7





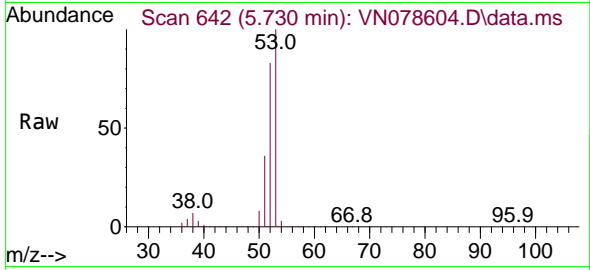
#15
 Acrylonitrile
 Concen: 246.232 ug/l
 RT: 5.730 min Scan# 642
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



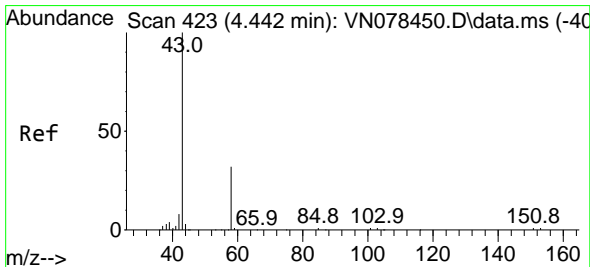
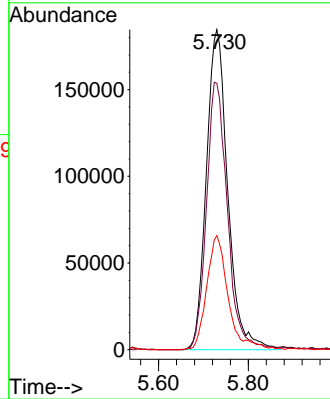
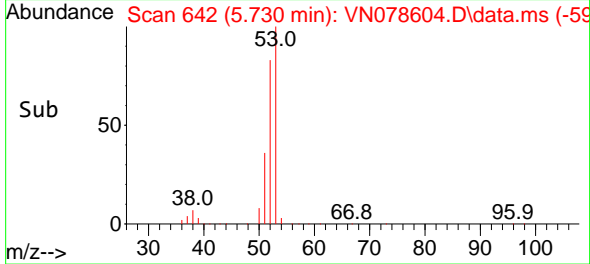
Tgt Ion: 53 Resp: 611964
 Ion Ratio Lower Upper
 53 100
 52 81.9 65.3 97.9
 51 35.7 28.9 43.3

Manual Integrations

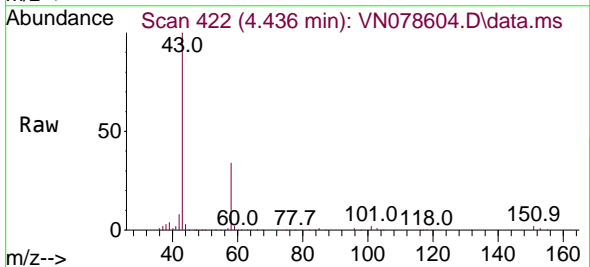
APPROVED

Reviewed By :John Carlone 07/24/2023

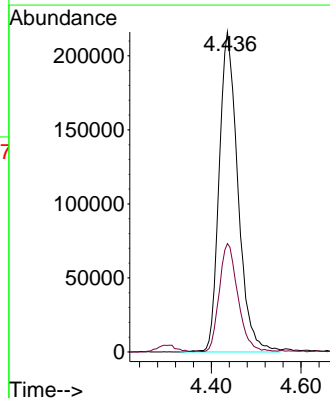
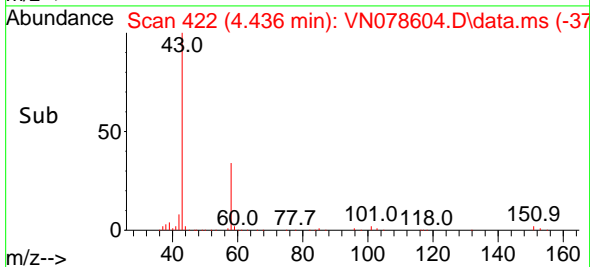
Supervised By :Mahesh Dadoda 07/24/2023

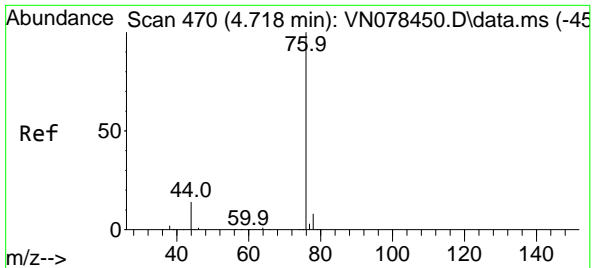


#16
 Acetone
 Concen: 316.711 ug/l
 RT: 4.436 min Scan# 422
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



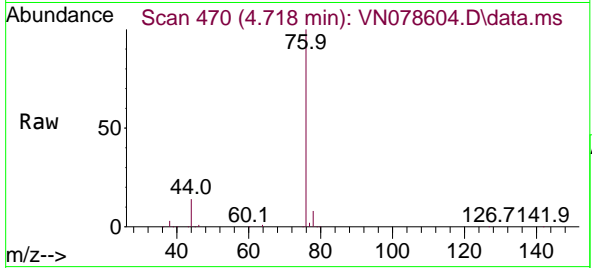
Tgt Ion: 43 Resp: 629319
 Ion Ratio Lower Upper
 43 100
 58 33.3 28.0 42.0





#17
 Carbon Disulfide
 Concen: 40.098 ug/l
 RT: 4.718 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

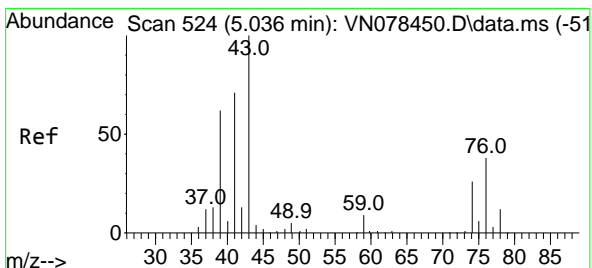
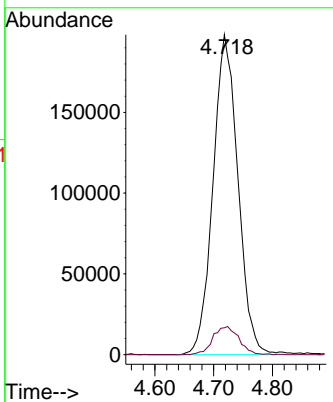
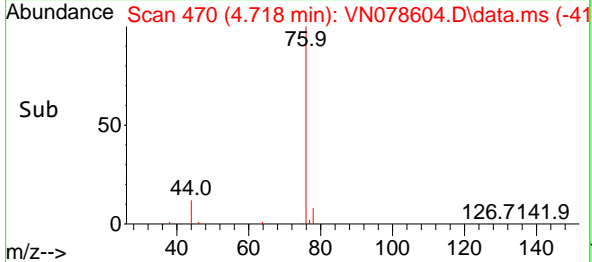
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050



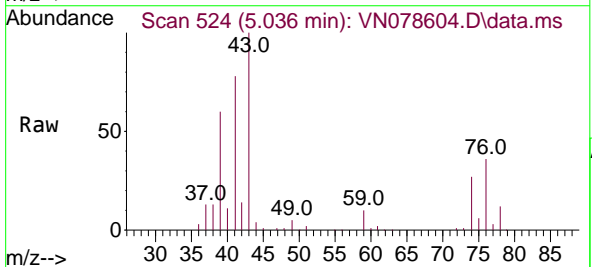
Tgt Ion: 76 Resp: 58216
 Ion Ratio Lower Upper
 76 100
 78 8.4 7.4 11.0

Manual Integrations
APPROVED

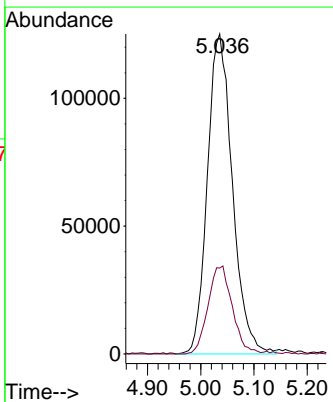
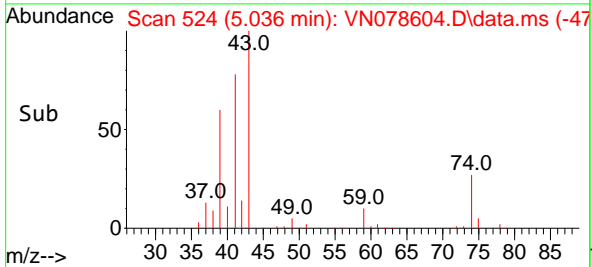
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

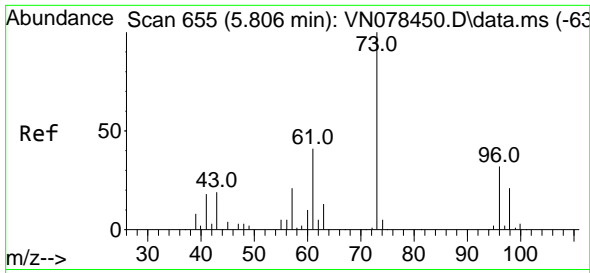


#18
 Methyl Acetate
 Concen: 48.603 ug/l
 RT: 5.036 min Scan# 524
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



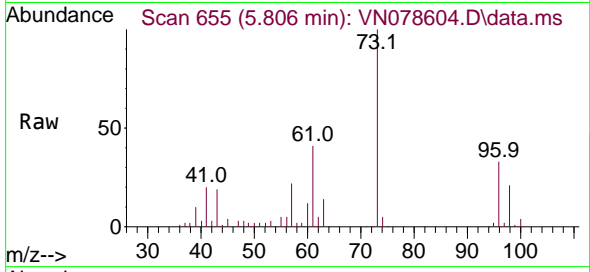
Tgt Ion: 43 Resp: 408828
 Ion Ratio Lower Upper
 43 100
 74 26.6 26.2 39.4





#19
 Methyl tert-butyl Ether
 Concen: 50.986 ug/l
 RT: 5.806 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

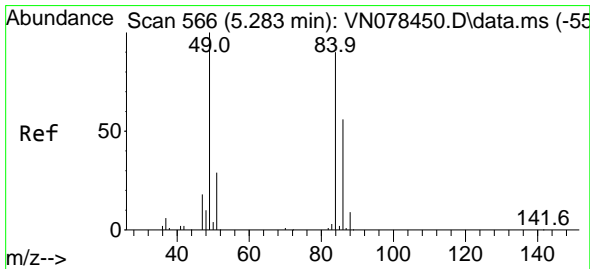
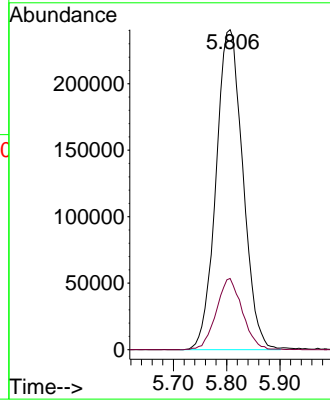
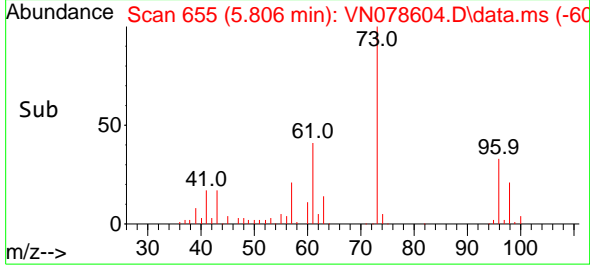
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



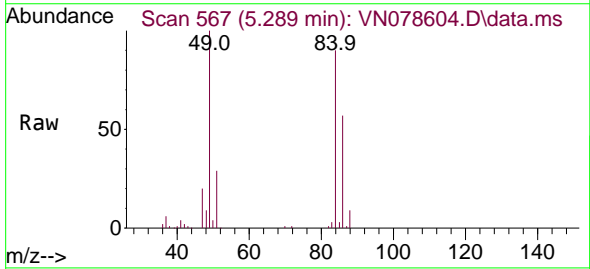
Tgt Ion: 73 Resp: 84344
 Ion Ratio Lower Upper
 73 100
 57 22.2 15.6 23.4

Manual Integrations
APPROVED

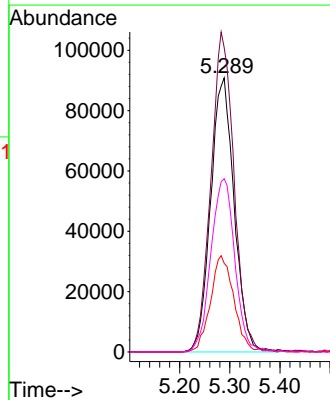
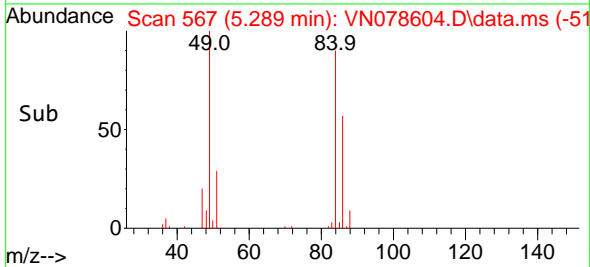
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

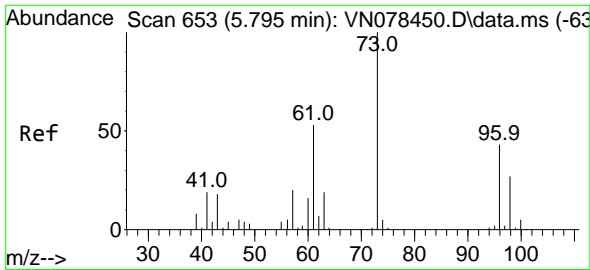


#20
 Methylene Chloride
 Concen: 52.027 ug/l
 RT: 5.289 min Scan# 567
 Delta R.T. 0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



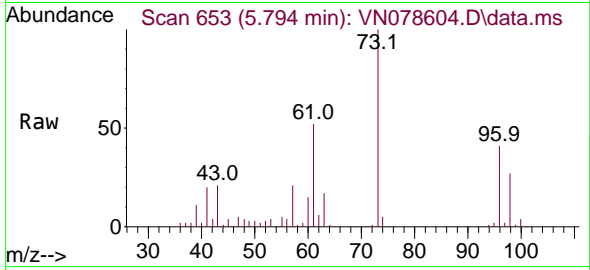
Tgt Ion: 84 Resp: 296250
 Ion Ratio Lower Upper
 84 100
 49 111.0 79.7 119.5
 51 32.4 25.2 37.8
 86 63.2 53.3 79.9





#21
 trans-1,2-Dichloroethene
 Concen: 48.296 ug/l
 RT: 5.794 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

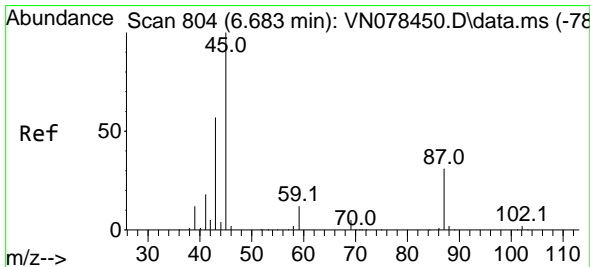
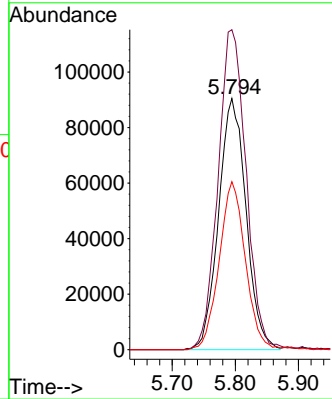
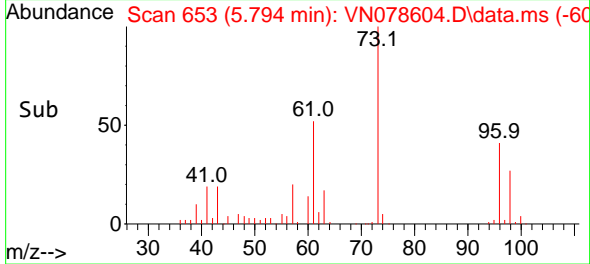
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



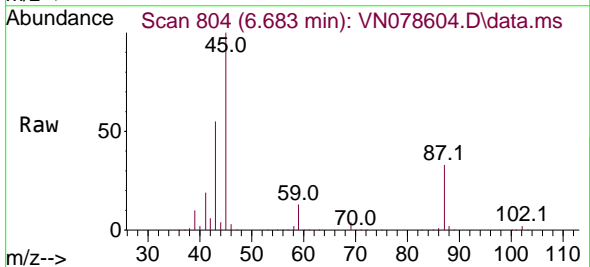
Tgt Ion: 96 Resp: 273250
 Ion Ratio Lower Upper
 96 100
 61 127.4 90.1 135.1
 98 66.9 46.4 69.6

Manual Integrations
APPROVED

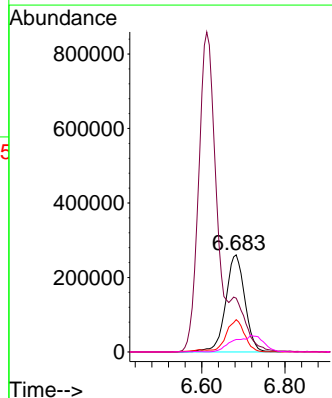
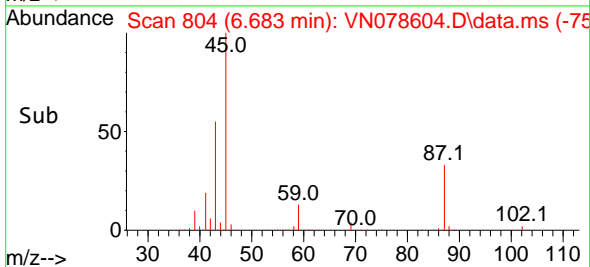
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

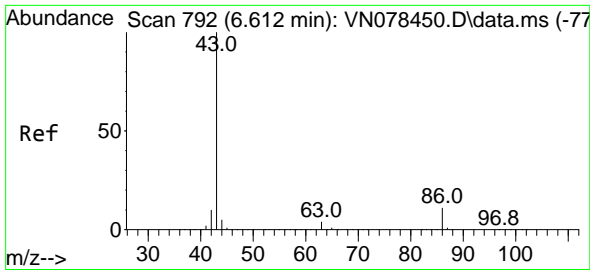


#22
 Diisopropyl ether
 Concen: 54.203 ug/l
 RT: 6.683 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 45 Resp: 832669
 Ion Ratio Lower Upper
 45 100
 43 54.6 45.5 68.3
 87 33.2 31.8 47.8
 59 12.8 11.6 17.4





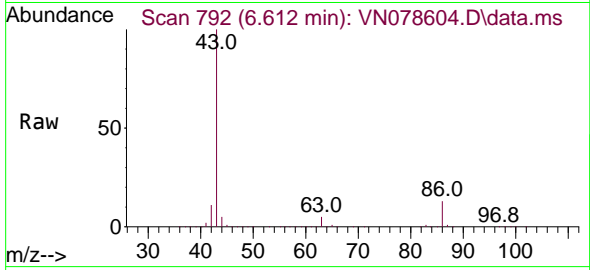
#23
 Vinyl Acetate
 Concen: 257.597 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050



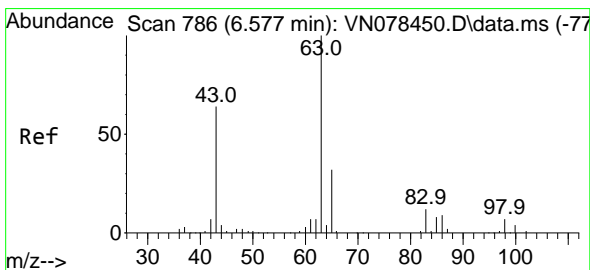
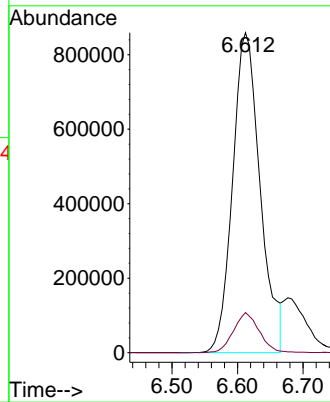
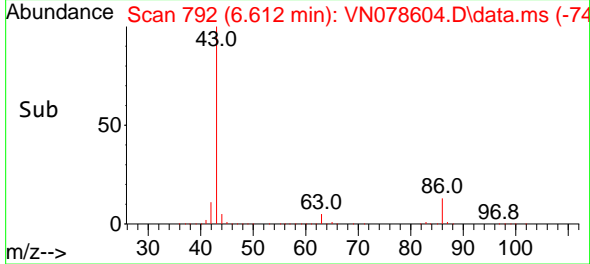
Tgt Ion: 43 Resp: 251574
 Ion Ratio Lower Upper
 43 100
 86 12.6 13.0 19.6

Manual Integrations

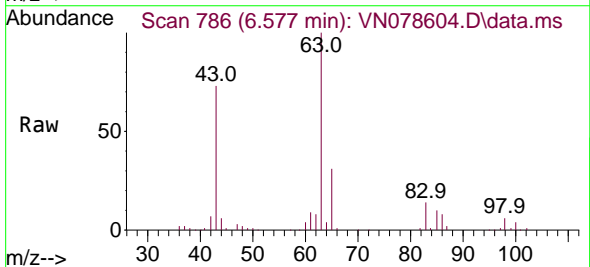
APPROVED

Reviewed By :John Carlone 07/24/2023

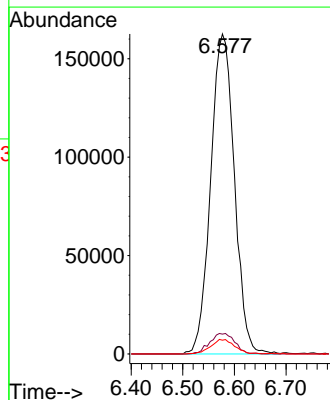
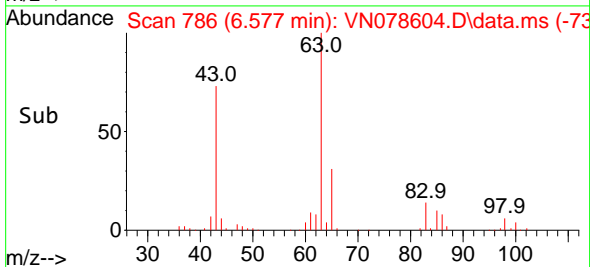
Supervised By :Mahesh Dadoda 07/24/2023

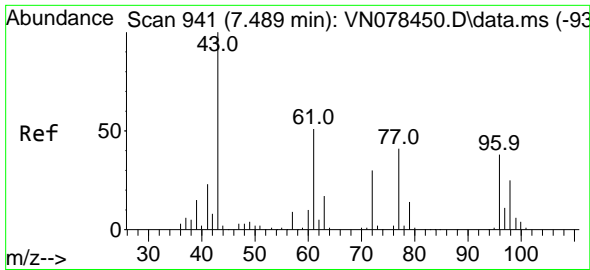


#24
 1,1-Dichloroethane
 Concen: 50.036 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 63 Resp: 517945
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.9 11.7
 100 4.3 2.5 7.4





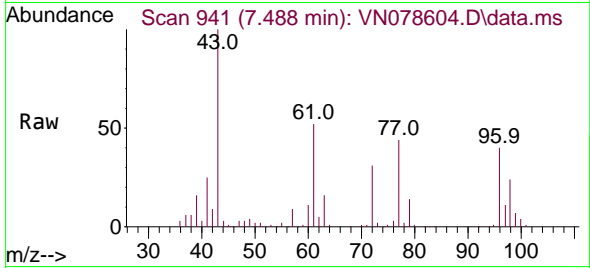
#25
 2-Butanone
 Concen: 269.093 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.001 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



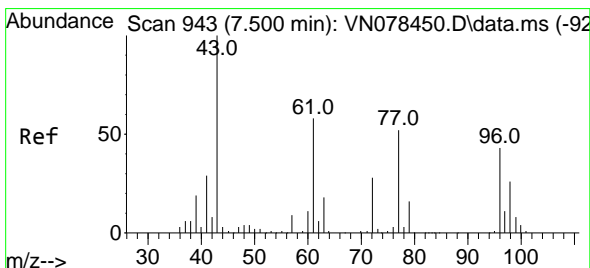
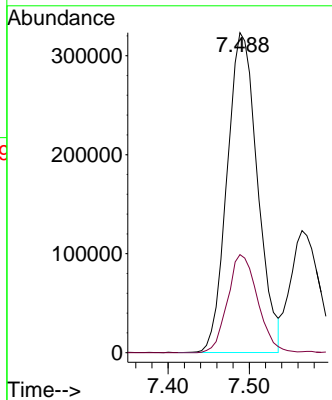
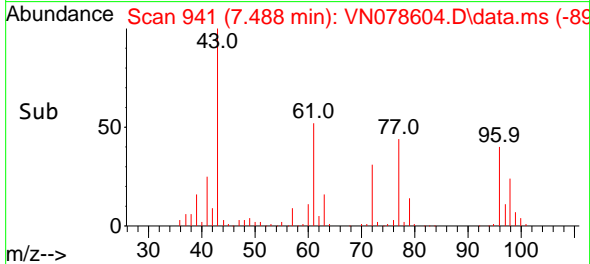
Tgt Ion: 43 Resp: 841690
 Ion Ratio Lower Upper
 43 100
 72 30.7 30.2 45.2

Manual Integrations

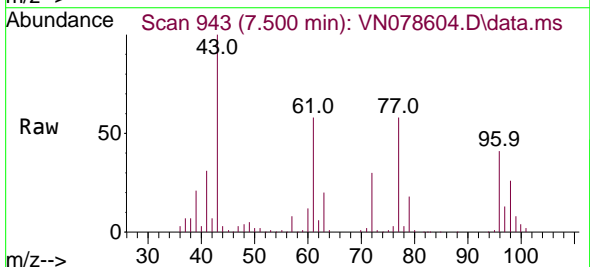
APPROVED

Reviewed By :John Carlone 07/24/2023

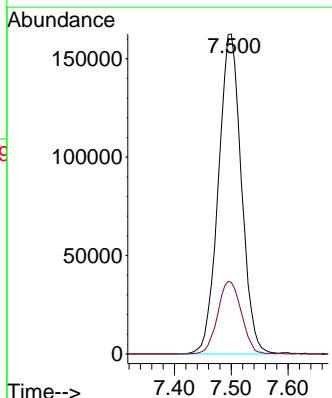
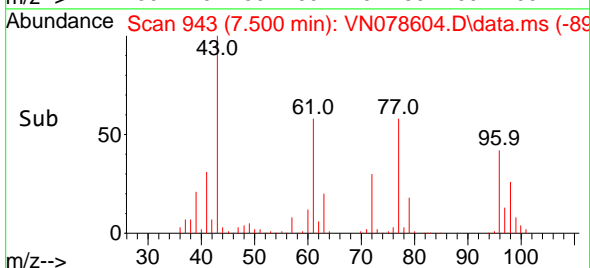
Supervised By :Mahesh Dadoda 07/24/2023

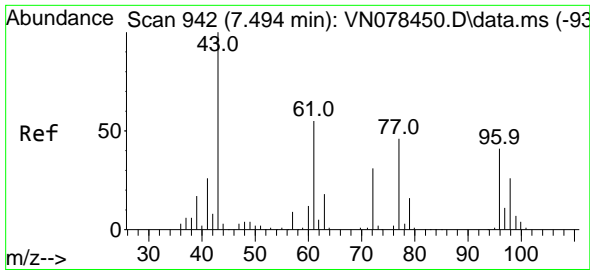


#26
 2,2-Dichloropropane
 Concen: 54.041 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



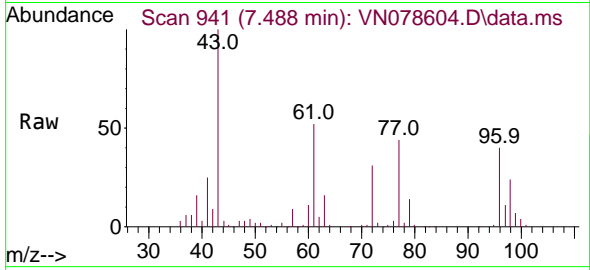
Tgt Ion: 77 Resp: 457534
 Ion Ratio Lower Upper
 77 100
 97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.397 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

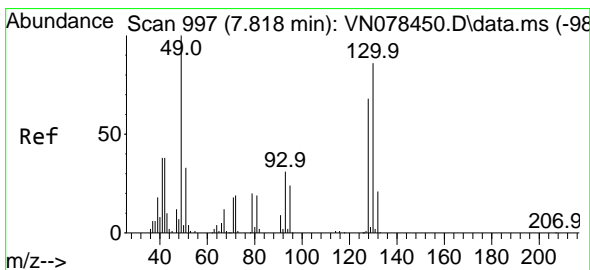
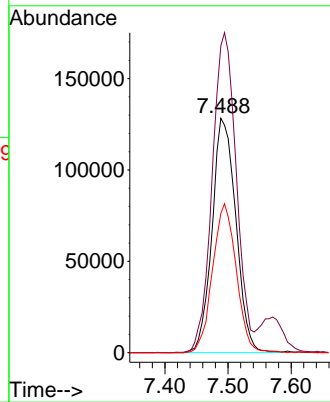
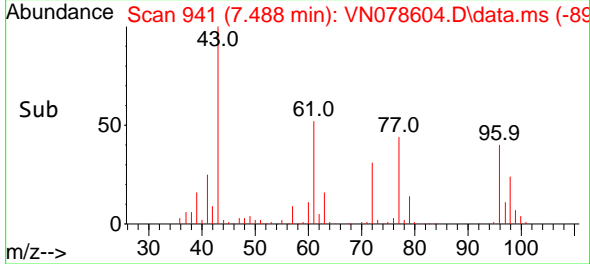
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



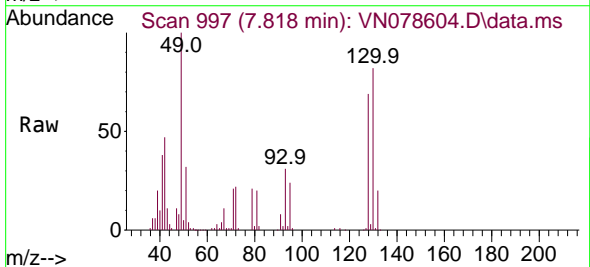
Tgt Ion: 96 Resp: 33640
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 255.2
 98 63.3 0.0 128.8

Manual Integrations
 APPROVED

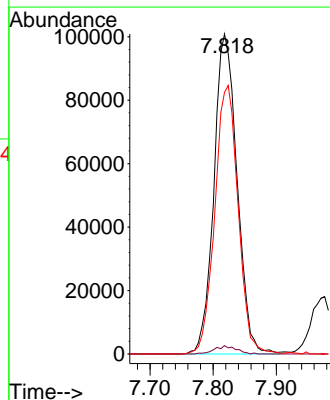
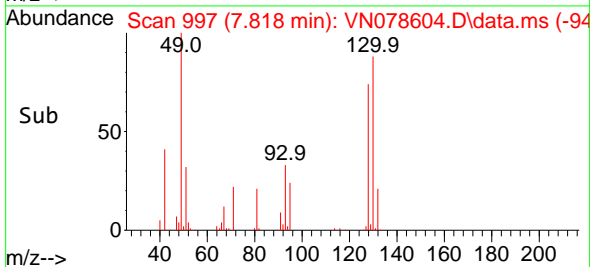
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

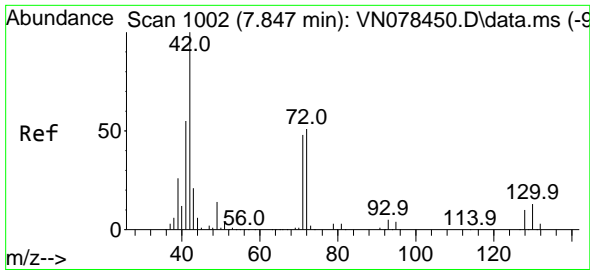


#28
 Bromochloromethane
 Concen: 52.702 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 49 Resp: 256954
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 84.4 75.3 112.9





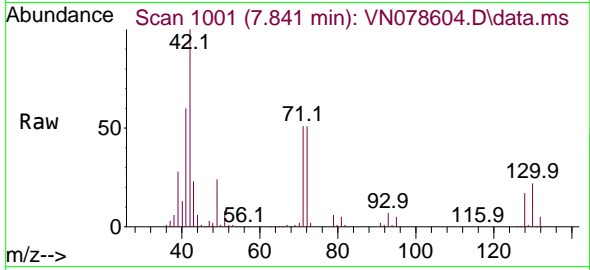
#29
 Tetrahydrofuran
 Concen: 240.044 ug/l
 RT: 7.841 min Scan# 1001
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



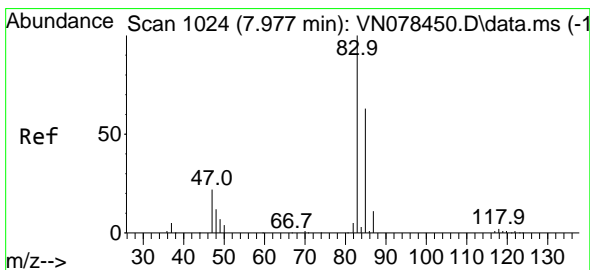
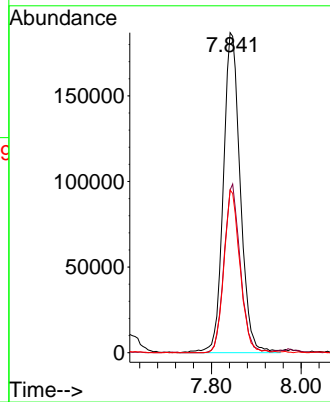
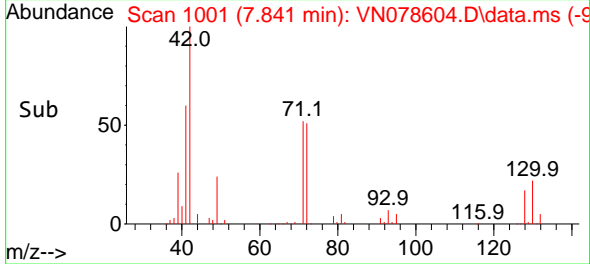
Tgt Ion: 42 Resp: 492669
 Ion Ratio Lower Upper
 42 100
 72 50.1 49.8 74.6
 71 48.2 47.4 71.2

Manual Integrations

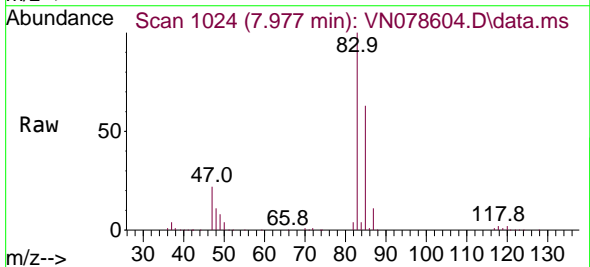
APPROVED

Reviewed By :John Carlone 07/24/2023

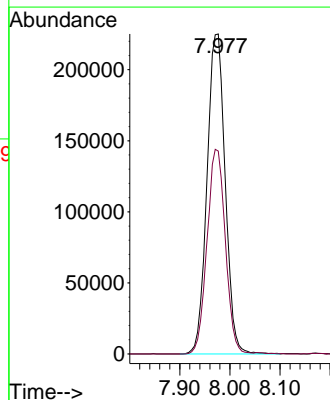
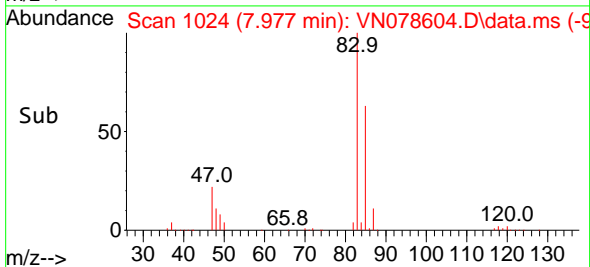
Supervised By :Mahesh Dadoda 07/24/2023

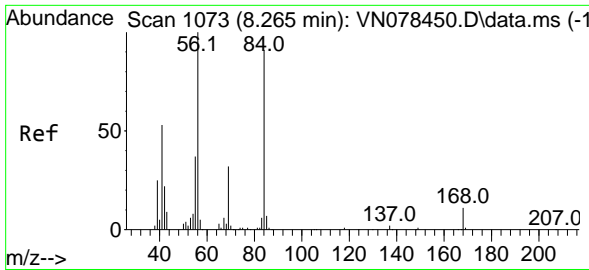


#30
 Chloroform
 Concen: 52.642 ug/l
 RT: 7.977 min Scan# 1024
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 83 Resp: 567320
 Ion Ratio Lower Upper
 83 100
 85 63.4 55.4 83.0





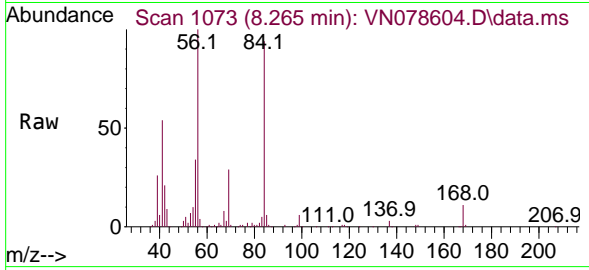
#31
 Cyclohexane
 Concen: 45.877 ug/l
 RT: 8.265 min Scan# 1073
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



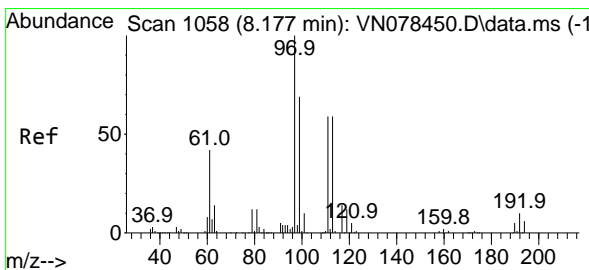
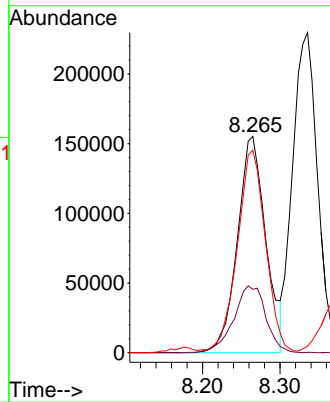
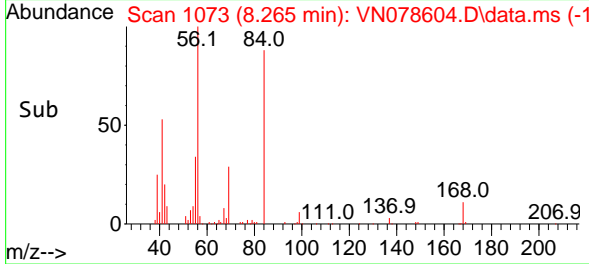
Tgt Ion: 56 Resp: 39549
 Ion Ratio Lower Upper
 56 100
 69 29.3 26.8 40.2
 84 91.7 81.8 122.6

Manual Integrations

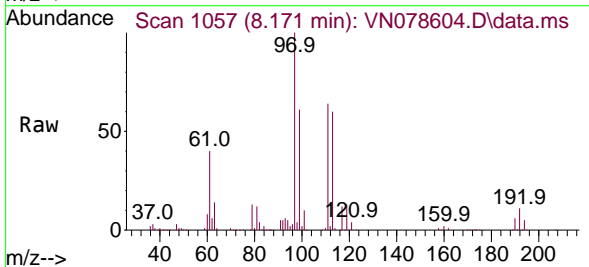
APPROVED

Reviewed By :John Carlone 07/24/2023

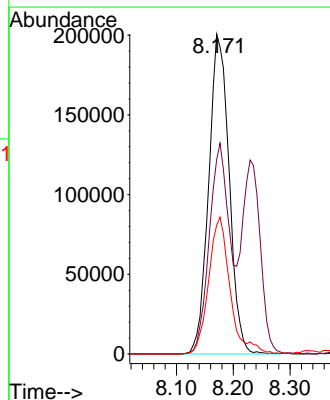
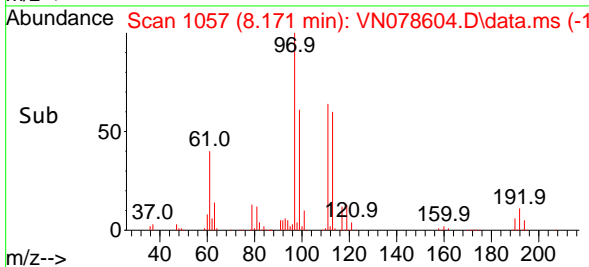
Supervised By :Mahesh Dadoda 07/24/2023

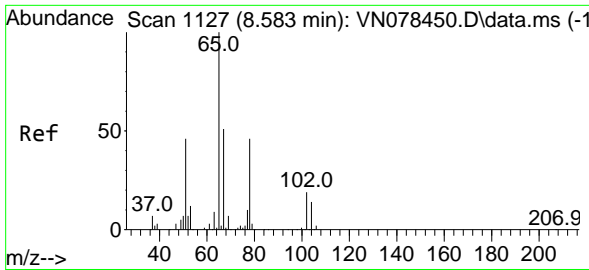


#32
 1,1,1-Trichloroethane
 Concen: 51.779 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



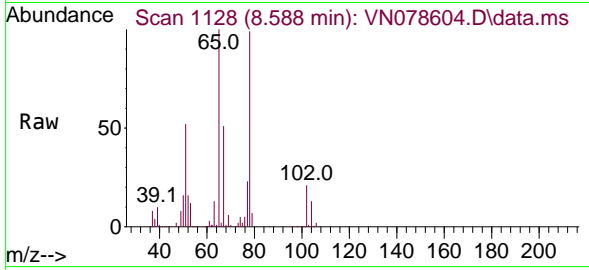
Tgt Ion: 97 Resp: 500304
 Ion Ratio Lower Upper
 97 100
 99 66.6 50.3 75.5
 61 44.8 34.7 52.1





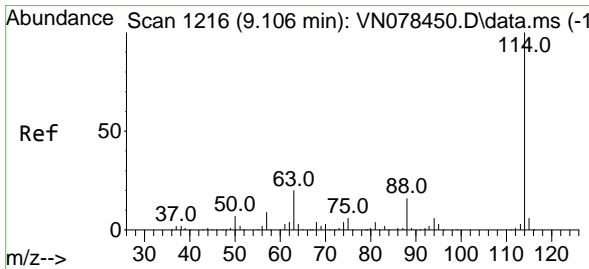
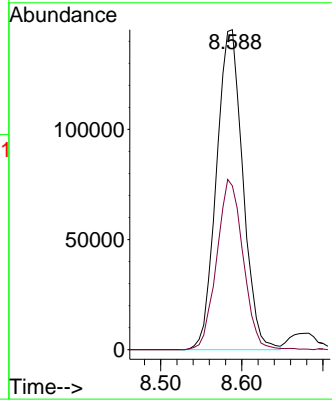
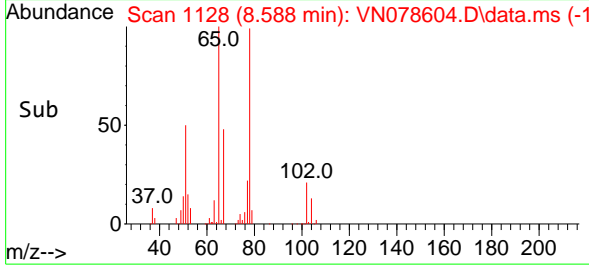
#33
 1,2-Dichloroethane-d4
 Concen: 51.526 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. 0.005 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050

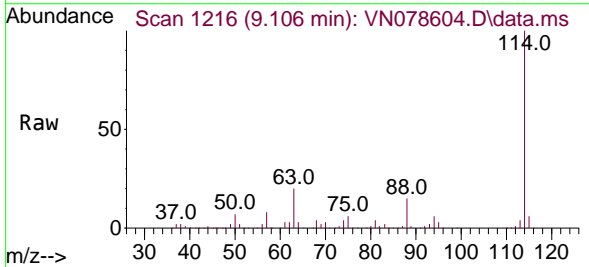


Tgt Ion: 65 Resp: 32868
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 106.6

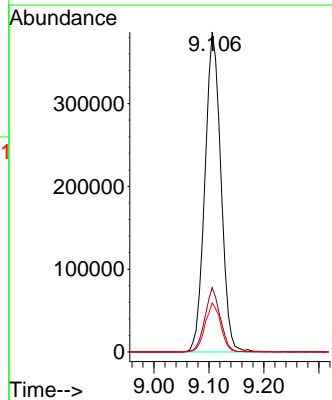
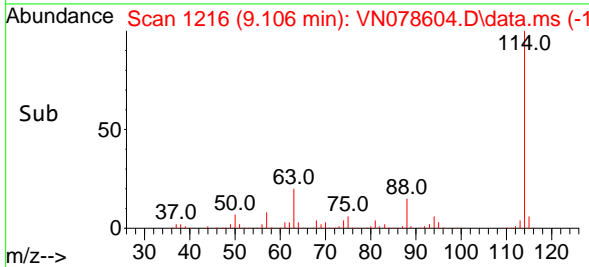
Manual Integrations
APPROVED
 Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

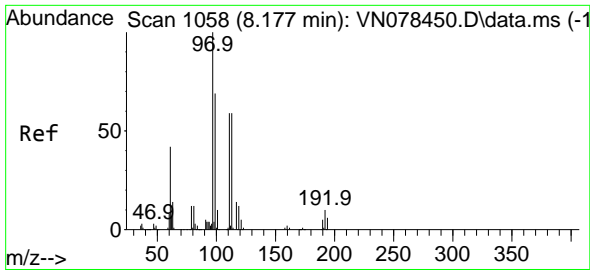


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



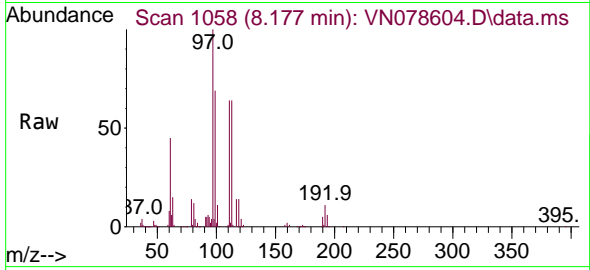
Tgt Ion:114 Resp: 781425
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 36.4
 88 15.3 0.0 30.6





#35
 Dibromofluoromethane
 Concen: 55.584 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

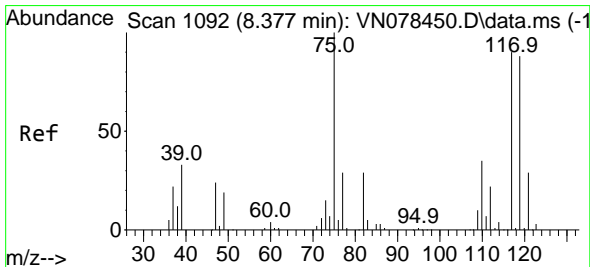
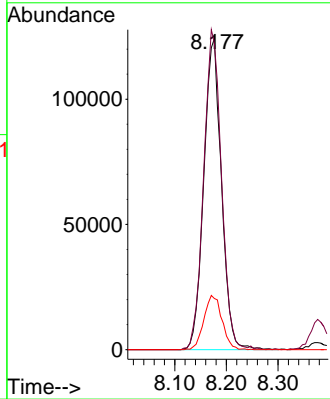
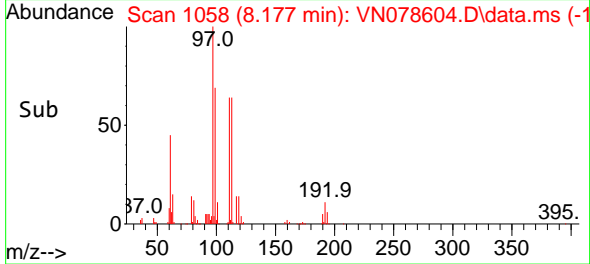
Instrument : MSVOA_N
Client Sample Id : VSTDCCC050



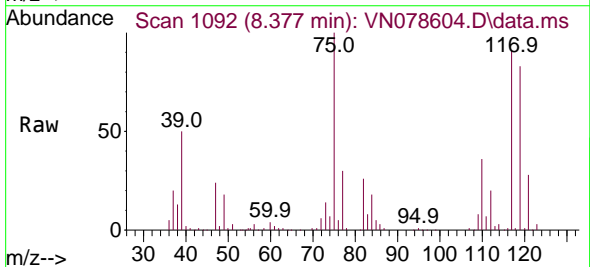
Tgt Ion: 113 Resp: 294850
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.6 123.8
 192 17.9 12.7 19.1

Manual Integrations
APPROVED

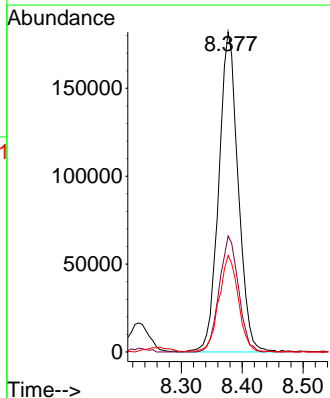
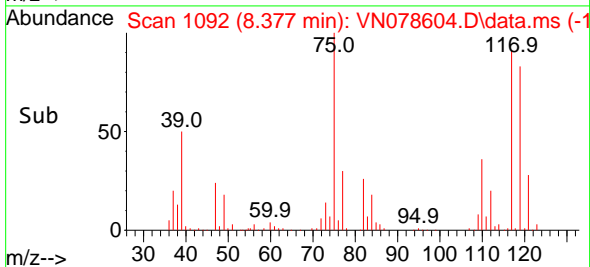
Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

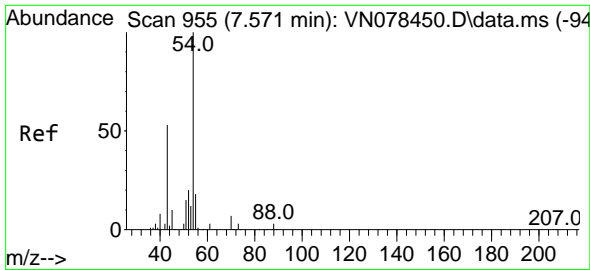


#36
 1,1-Dichloropropene
 Concen: 52.524 ug/l
 RT: 8.377 min Scan# 1092
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 75 Resp: 402299
 Ion Ratio Lower Upper
 75 100
 110 36.0 19.1 57.3
 77 30.3 25.0 37.4





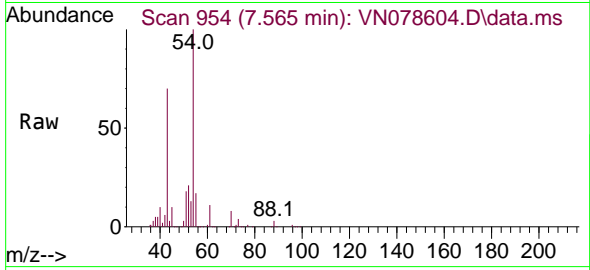
#37
 Ethyl Acetate
 Concen: 49.398 ug/l
 RT: 7.565 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



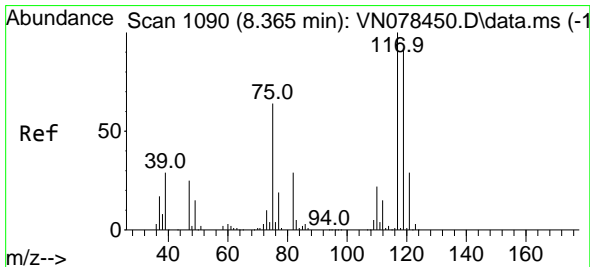
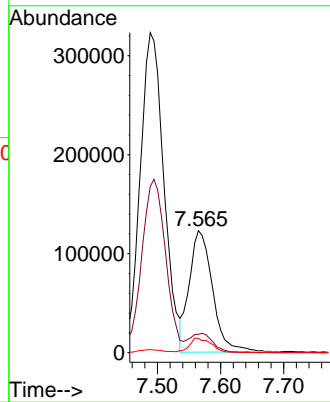
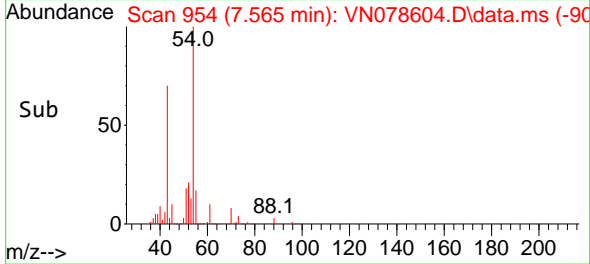
Tgt Ion: 43 Resp: 315402
 Ion Ratio Lower Upper
 43 100
 61 15.6 13.2 19.8
 70 10.5 11.3 16.9

Manual Integrations

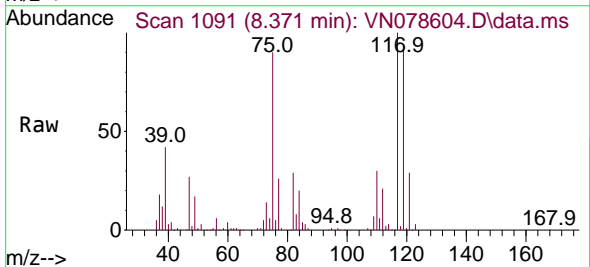
APPROVED

Reviewed By :John Carlone 07/24/2023

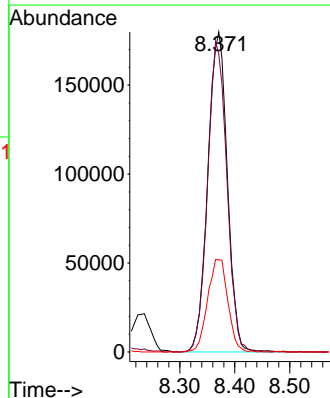
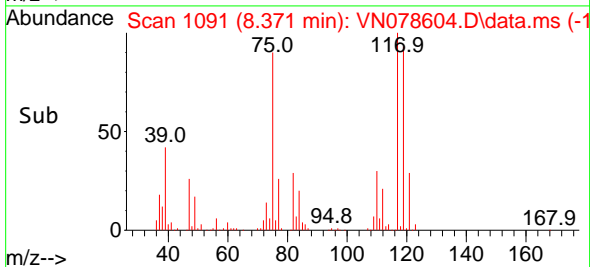
Supervised By :Mahesh Dadoda 07/24/2023

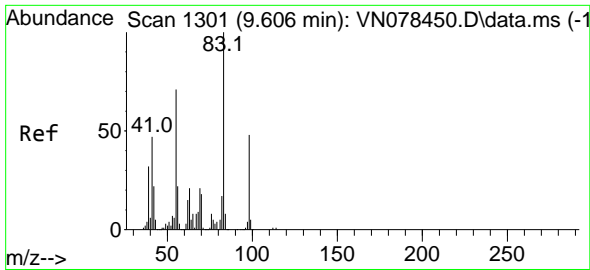


#38
 Carbon Tetrachloride
 Concen: 53.344 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:117 Resp: 444060
 Ion Ratio Lower Upper
 117 100
 119 93.1 77.3 115.9
 121 28.8 23.3 34.9





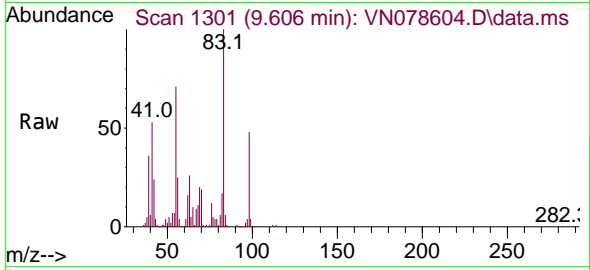
#39
 Methylcyclohexane
 Concen: 53.171 ug/l
 RT: 9.606 min Scan# 11301
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



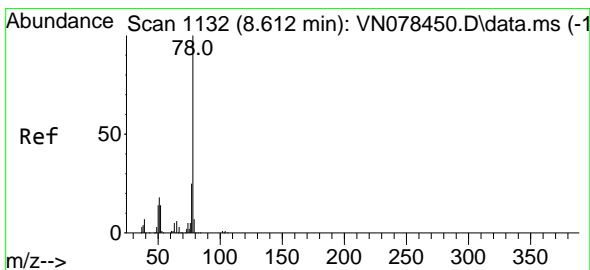
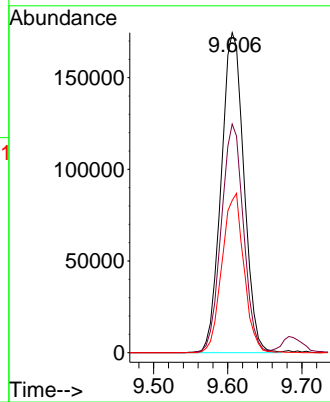
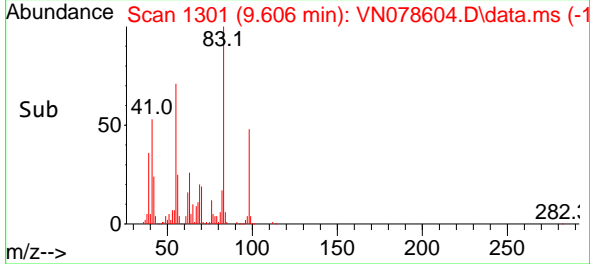
Tgt Ion: 83 Resp: 371740
 Ion Ratio Lower Upper
 83 100
 55 71.4 49.1 73.7
 98 47.6 40.6 61.0

Manual Integrations

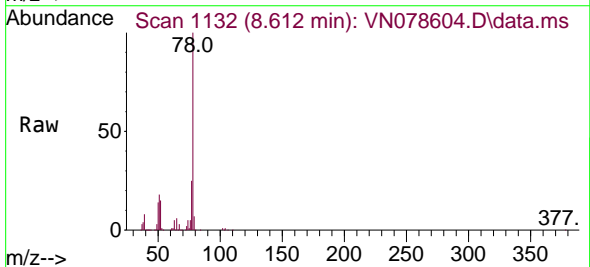
APPROVED

Reviewed By :John Carlone 07/24/2023

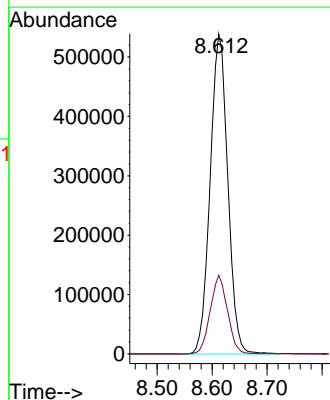
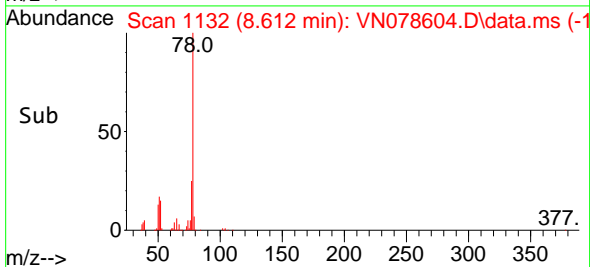
Supervised By :Mahesh Dadoda 07/24/2023

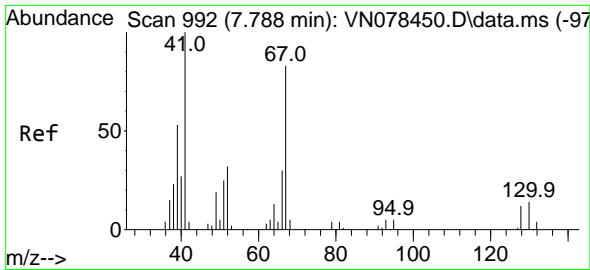


#40
 Benzene
 Concen: 52.976 ug/l
 RT: 8.612 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



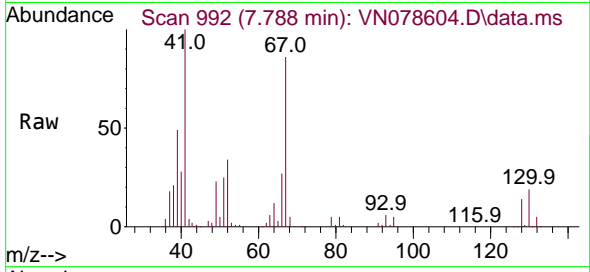
Tgt Ion: 78 Resp: 1202097
 Ion Ratio Lower Upper
 78 100
 77 24.6 19.0 28.6





#41
 Methacrylonitrile
 Concen: 52.735 ug/l
 RT: 7.788 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

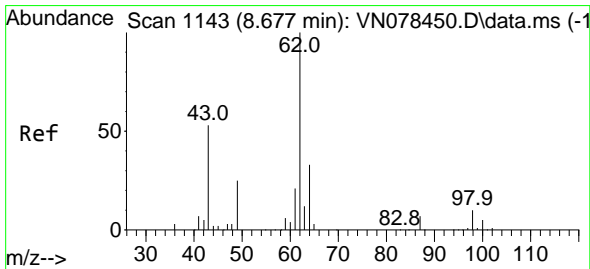
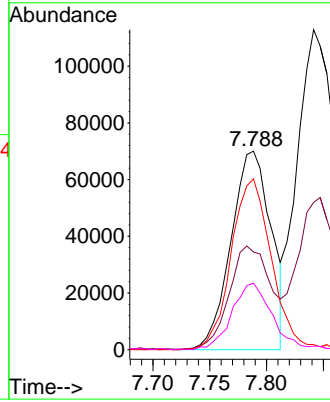
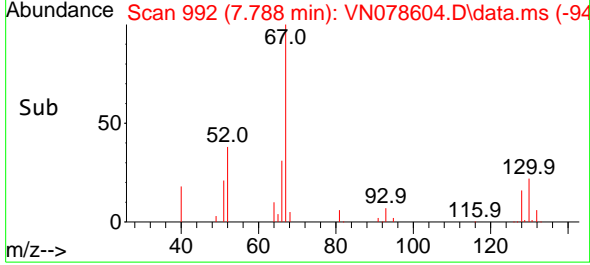
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 41 Resp: 17165
 Ion Ratio Lower Upper
 41 100
 39 53.6 42.6 64.0
 67 87.3 77.5 116.3
 52 33.9 28.9 43.3

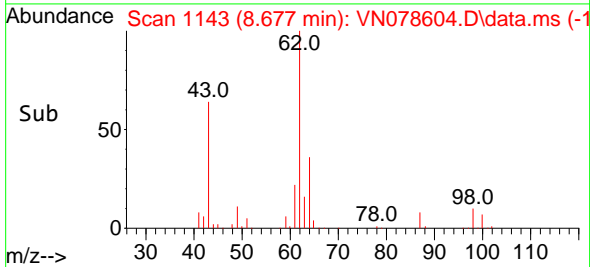
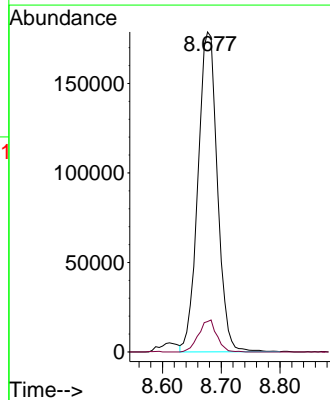
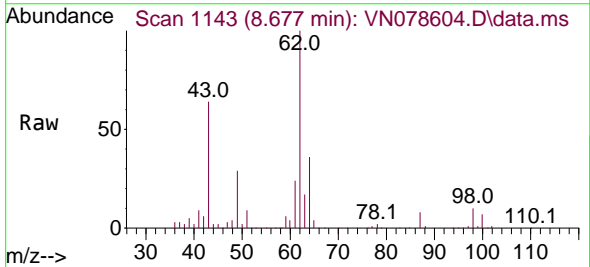
Manual Integrations
 APPROVED

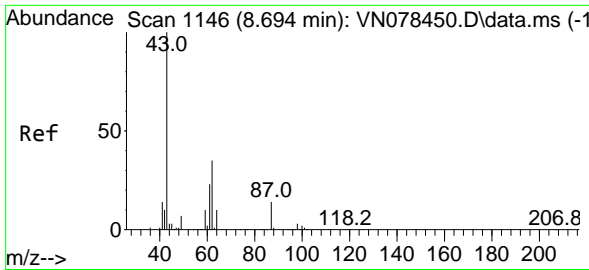
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#42
 1,2-Dichloroethane
 Concen: 53.163 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Tgt Ion: 62 Resp: 410318
 Ion Ratio Lower Upper
 62 100
 98 9.4 0.0 19.8





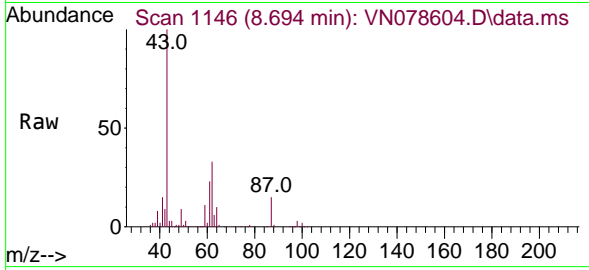
#43
 Isopropyl Acetate
 Concen: 53.769 ug/l
 RT: 8.694 min Scan# 1146
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



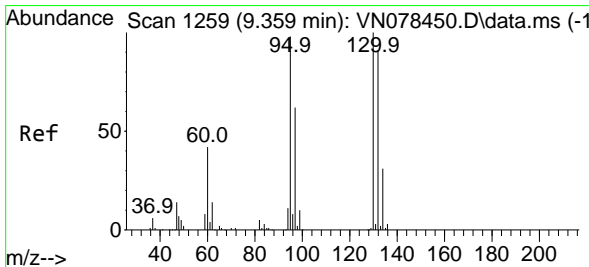
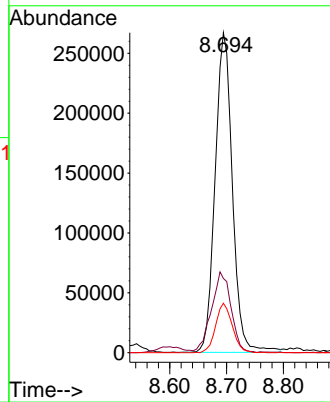
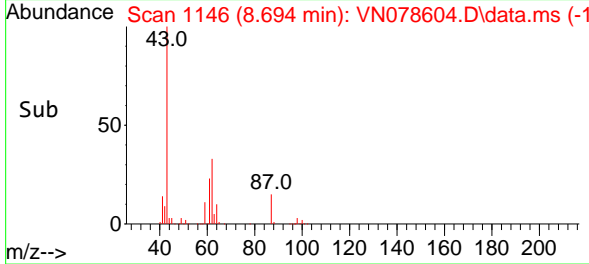
Tgt Ion: 43 Resp: 56522
 Ion Ratio Lower Upper
 43 100
 61 28.6 24.7 37.1
 87 14.9 14.6 21.8

Manual Integrations

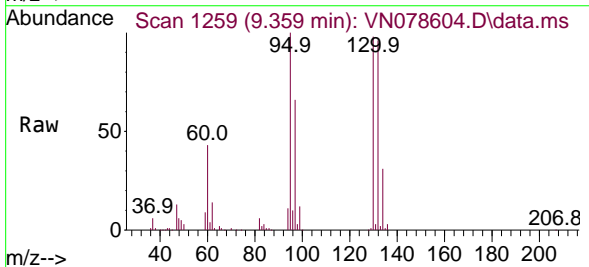
APPROVED

Reviewed By :John Carlone 07/24/2023

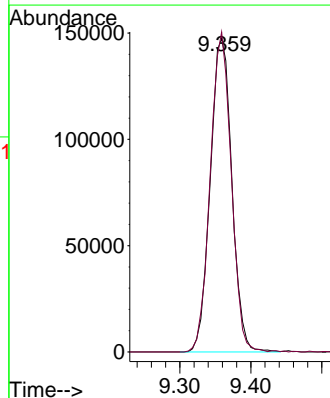
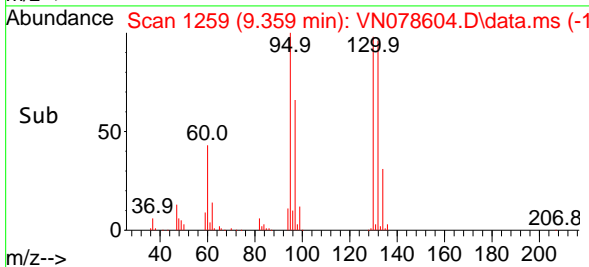
Supervised By :Mahesh Dadoda 07/24/2023

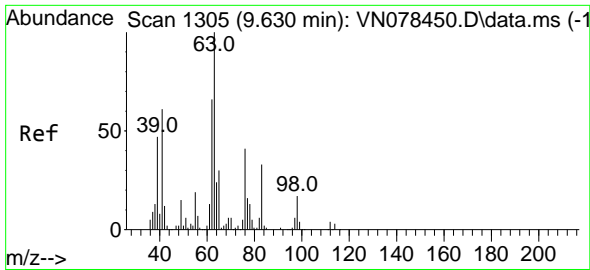


#44
 Trichloroethene
 Concen: 50.893 ug/l
 RT: 9.359 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:130 Resp: 311250
 Ion Ratio Lower Upper
 130 100
 95 102.1 0.0 204.6





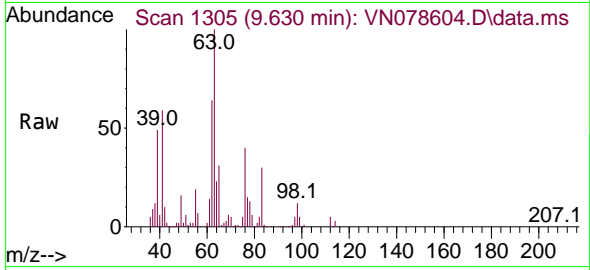
#45
 1,2-Dichloropropane
 Concen: 55.274 ug/l
 RT: 9.630 min Scan# 1305
 Delta R.T. -0.001 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050



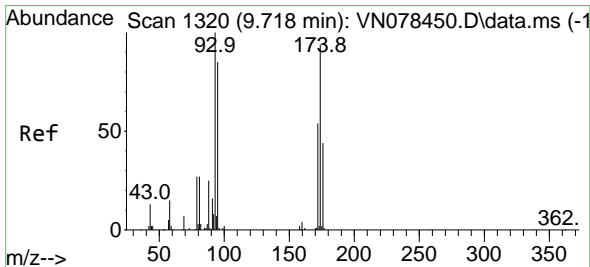
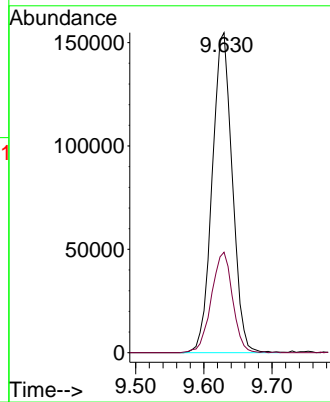
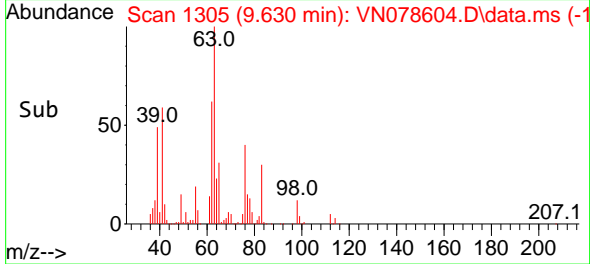
Tgt Ion: 63 Resp: 31766
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.9 35.9

Manual Integrations

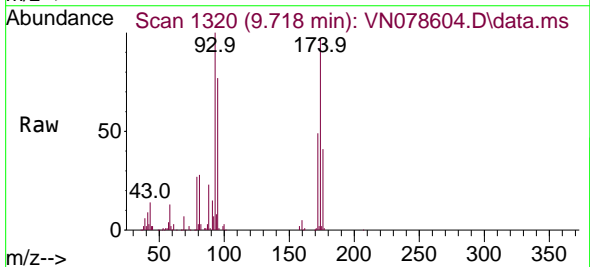
APPROVED

Reviewed By :John Carlone 07/24/2023

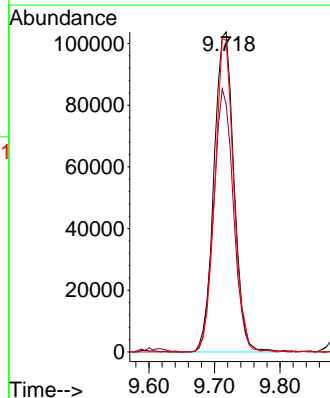
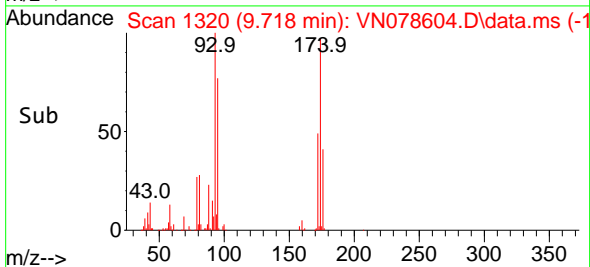
Supervised By :Mahesh Dadoda 07/24/2023

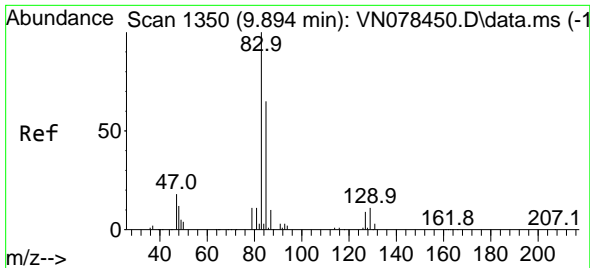


#46
 Dibromomethane
 Concen: 54.138 ug/l
 RT: 9.718 min Scan# 1320
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 93 Resp: 218986
 Ion Ratio Lower Upper
 93 100
 95 81.2 63.8 95.8
 174 92.4 65.6 98.4





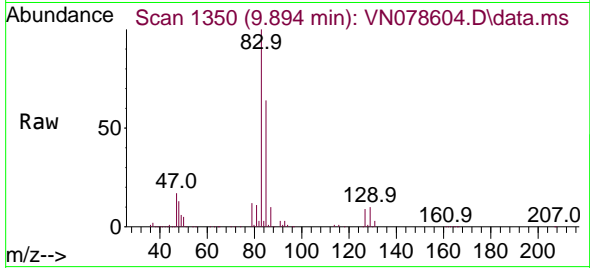
#47
 Bromodichloromethane
 Concen: 55.784 ug/l
 RT: 9.894 min Scan# 1350
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050



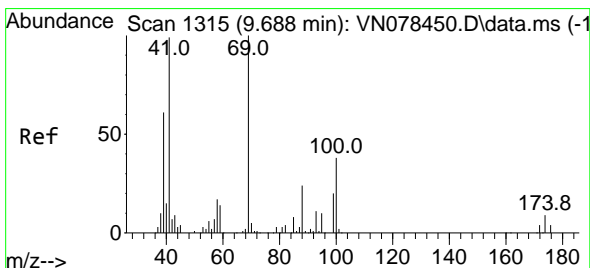
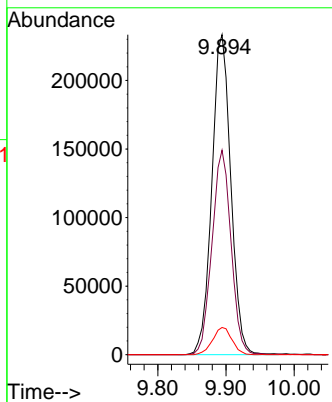
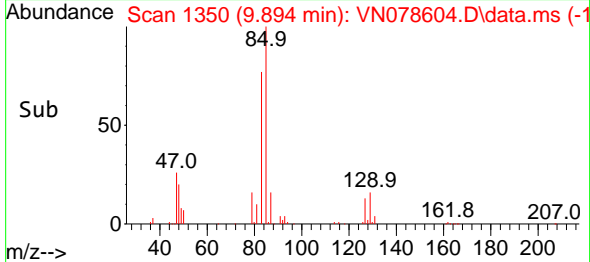
Tgt Ion: 83 Resp: 45232
 Ion Ratio Lower Upper
 83 100
 85 63.9 49.6 74.4
 127 8.5 7.0 10.6

Manual Integrations

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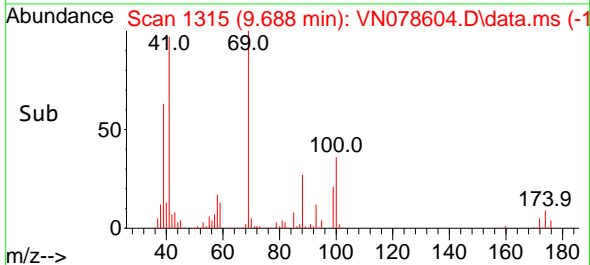
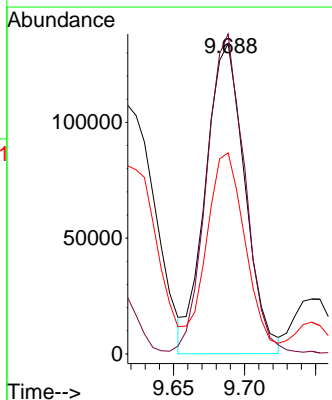
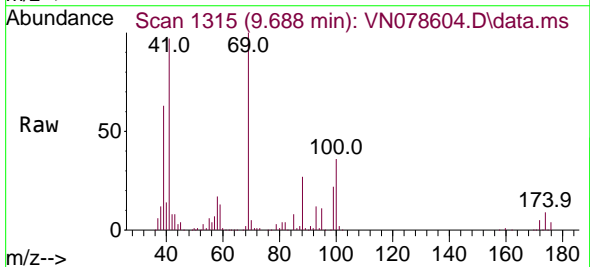
Reviewed By :John Carlone 07/24/2023

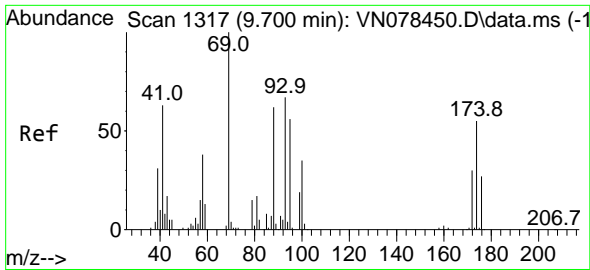
Supervised By :Mahesh Dadoda 07/24/2023



#48
 Methyl methacrylate
 Concen: 53.038 ug/l
 RT: 9.688 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

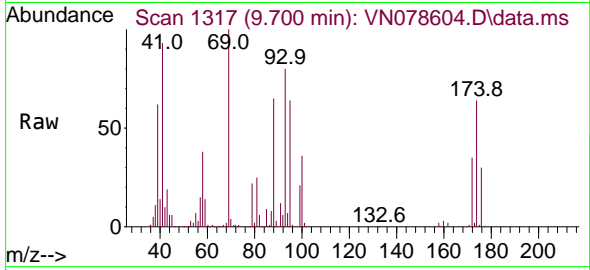
Tgt Ion: 41 Resp: 258302
 Ion Ratio Lower Upper
 41 100
 69 99.6 90.4 135.6
 39 65.1 54.6 81.8





#49
 1,4-Dioxane
 Concen: 1029.965 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

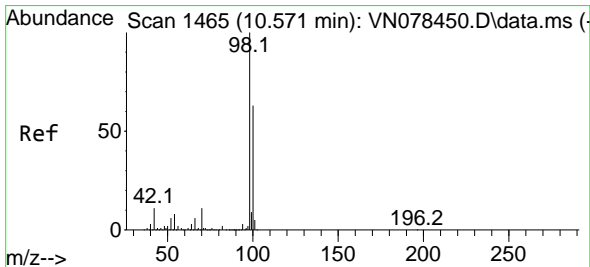
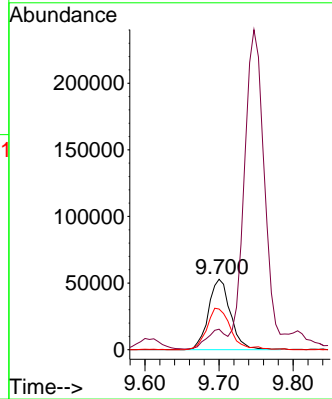
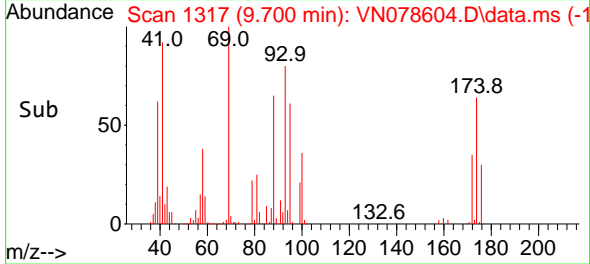
Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050



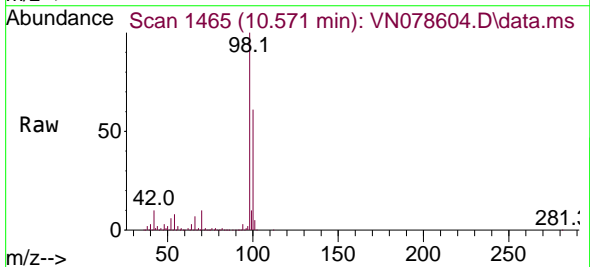
Tgt Ion: 88 Resp: 109390
 Ion Ratio Lower Upper
 88 100
 43 24.5 17.0 25.6
 58 63.4 47.0 70.4

Manual Integrations
APPROVED

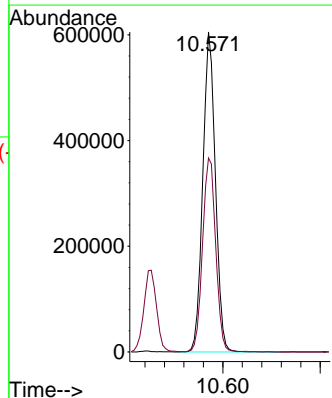
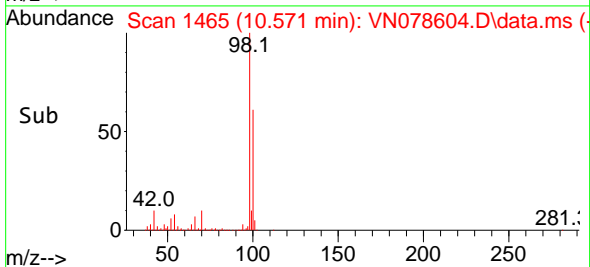
Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

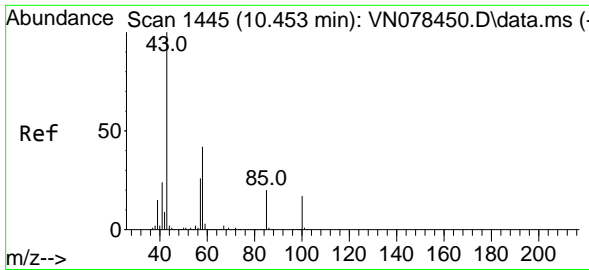


#50
 Toluene-d8
 Concen: 54.101 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 98 Resp: 1084140
 Ion Ratio Lower Upper
 98 100
 100 63.0 52.0 78.0





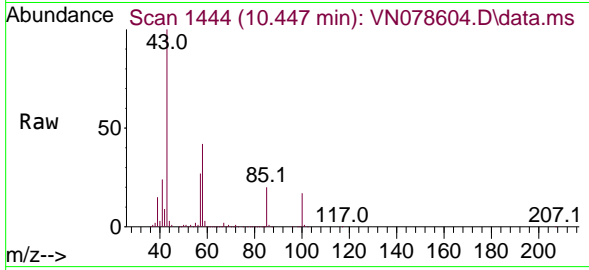
#51
 4-Methyl-2-Pentanone
 Concen: 265.291 ug/l
 RT: 10.447 min Scan# 1444
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



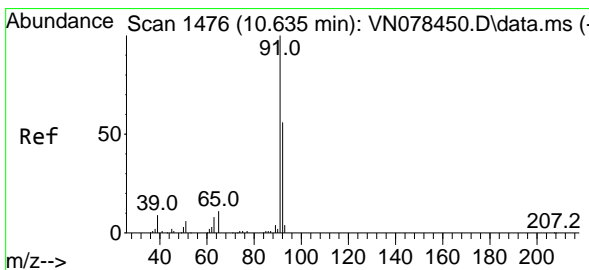
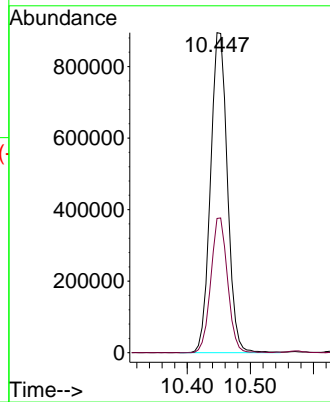
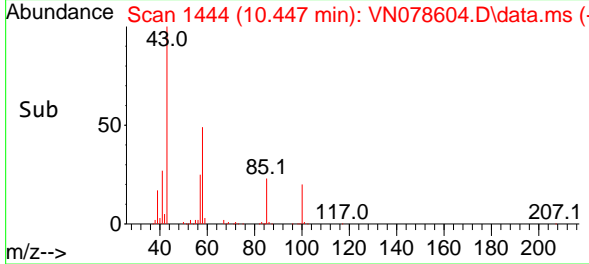
Tgt Ion: 43 Resp: 1658768
 Ion Ratio Lower Upper
 43 100
 58 41.9 36.6 54.8

Manual Integrations

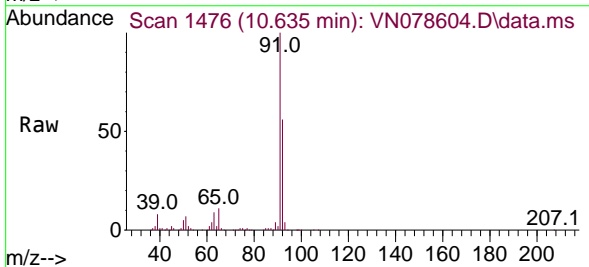
APPROVED

Reviewed By :John Carlone 07/24/2023

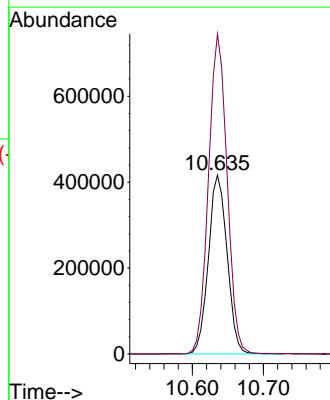
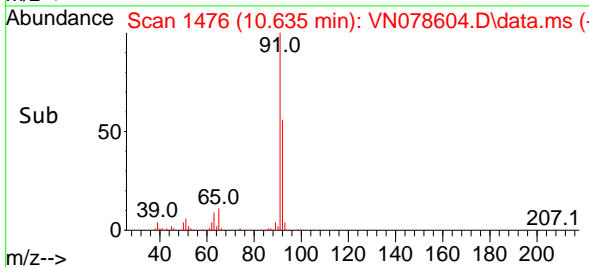
Supervised By :Mahesh Dadoda 07/24/2023

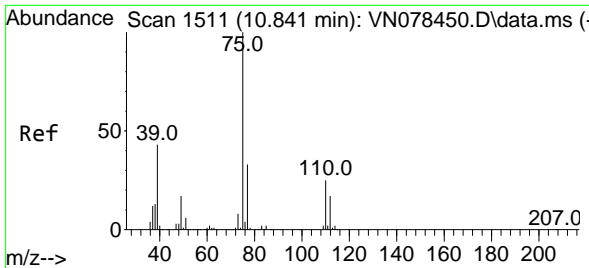


#52
 Toluene
 Concen: 54.029 ug/l
 RT: 10.635 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 92 Resp: 759841
 Ion Ratio Lower Upper
 92 100
 91 178.5 137.4 206.0





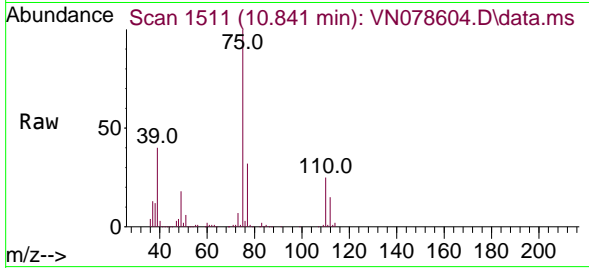
#53
 t-1,3-Dichloropropene
 Concen: 56.517 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050



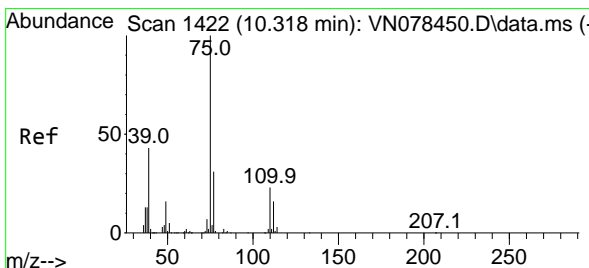
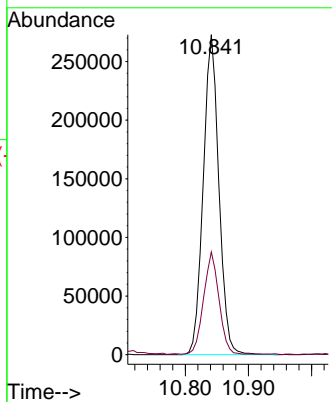
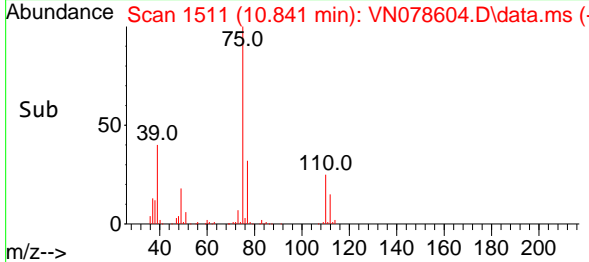
Tgt Ion: 75 Resp: 46948
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0

Manual Integrations

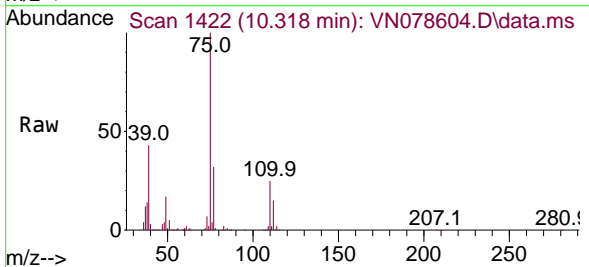
APPROVED

Reviewed By :John Carlone 07/24/2023

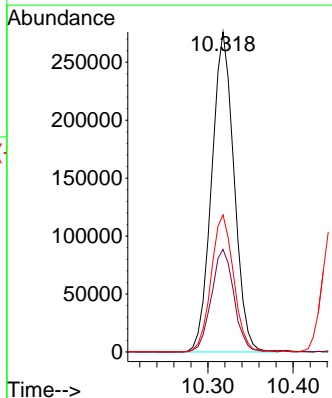
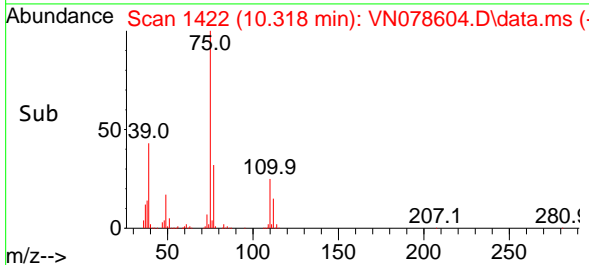
Supervised By :Mahesh Dadoda 07/24/2023

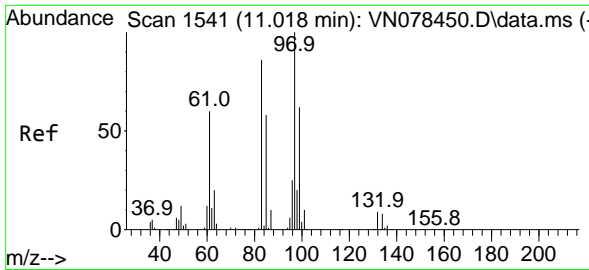


#54
 cis-1,3-Dichloropropene
 Concen: 56.900 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 75 Resp: 503825
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 39 42.7 31.6 47.4





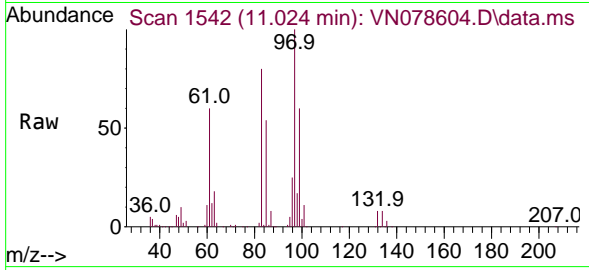
#55
 1,1,2-Trichloroethane
 Concen: 55.348 ug/l
 RT: 11.024 min Scan# 11024
 Delta R.T. 0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050



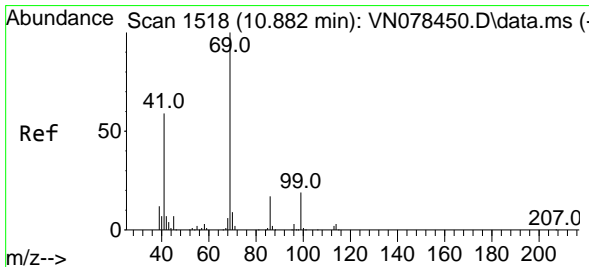
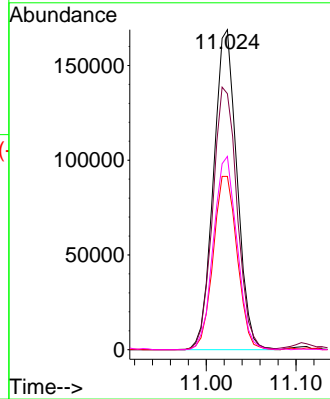
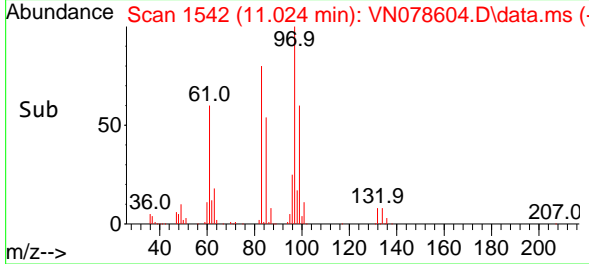
Tgt Ion: 97 Resp: 306679
 Ion Ratio Lower Upper
 97 100
 83 79.9 65.1 97.7
 85 54.1 43.4 65.2
 99 60.4 49.2 73.8

Manual Integrations

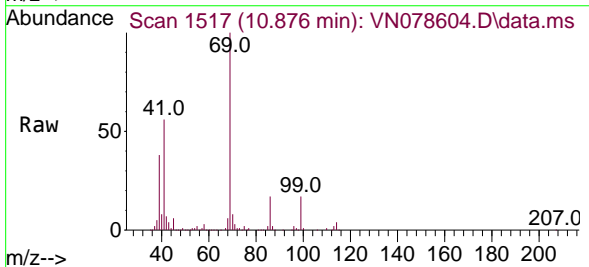
APPROVED

Reviewed By :John Carlone 07/24/2023

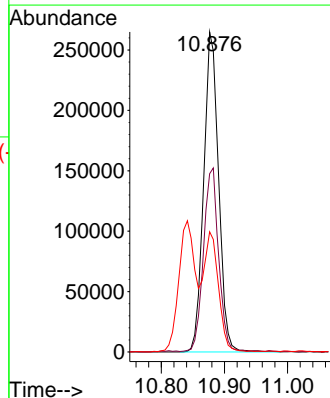
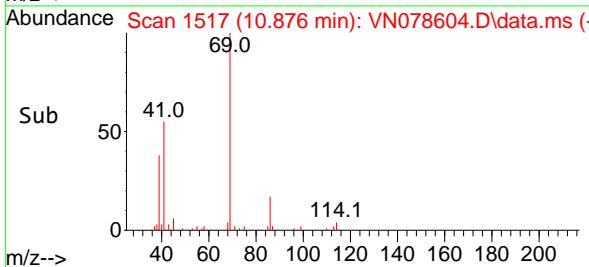
Supervised By :Mahesh Dadoda 07/24/2023

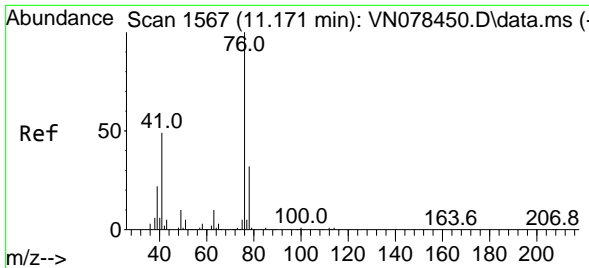


#56
 Ethyl methacrylate
 Concen: 55.906 ug/l
 RT: 10.876 min Scan# 1517
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 69 Resp: 433031
 Ion Ratio Lower Upper
 69 100
 41 58.2 39.6 59.4
 39 37.3 28.6 43.0





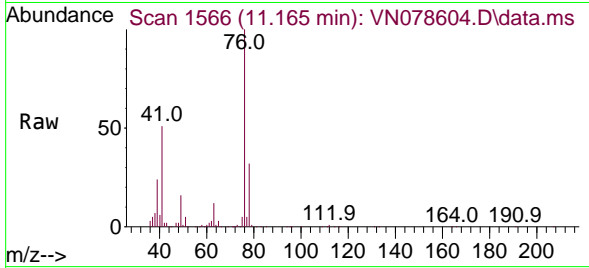
#57
 1,3-Dichloropropane
 Concen: 54.267 ug/l
 RT: 11.165 min Scan# 1567
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050



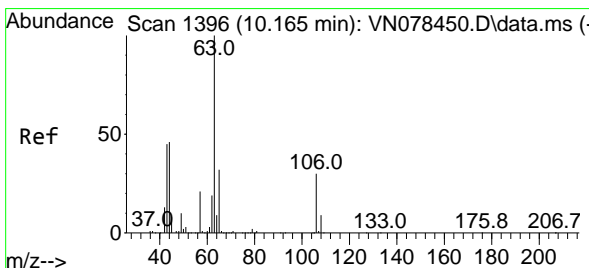
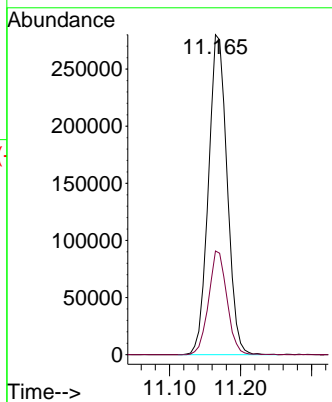
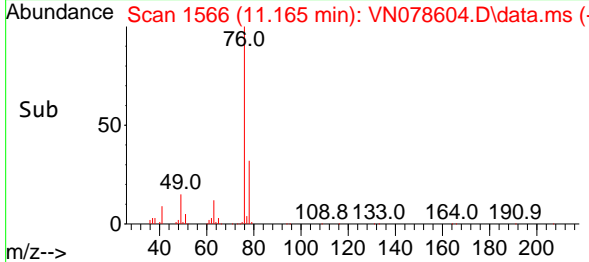
Tgt Ion: 76 Resp: 511270
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1

Manual Integrations

APPROVED

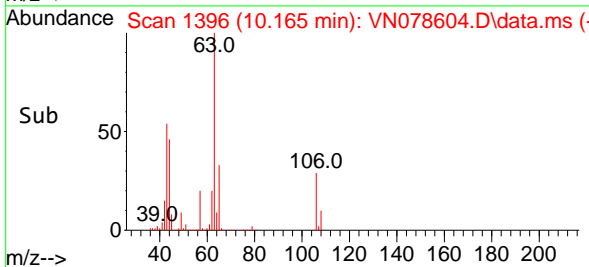
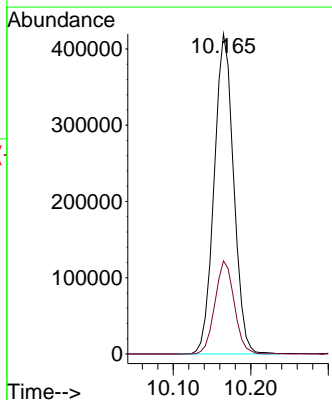
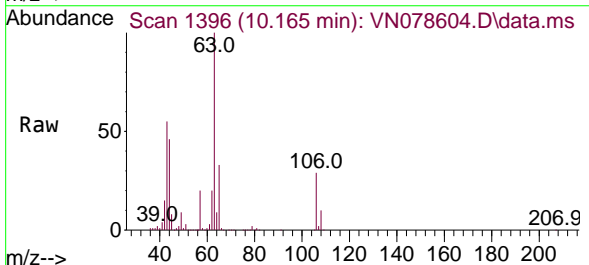
Reviewed By :John Carlone 07/24/2023

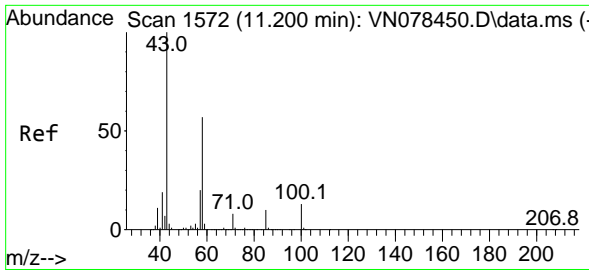
Supervised By :Mahesh Dadoda 07/24/2023



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.442 ug/l
 RT: 10.165 min Scan# 1396
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

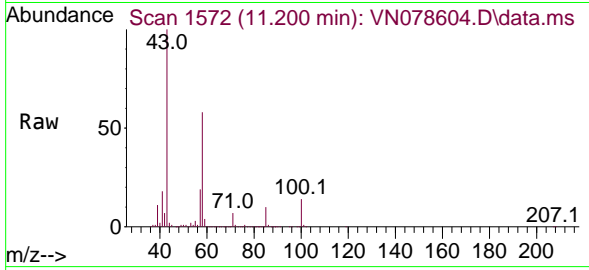
Tgt Ion: 63 Resp: 732711
 Ion Ratio Lower Upper
 63 100
 106 28.8 26.2 39.4





#59
 2-Hexanone
 Concen: 271.603 ug/l
 RT: 11.200 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

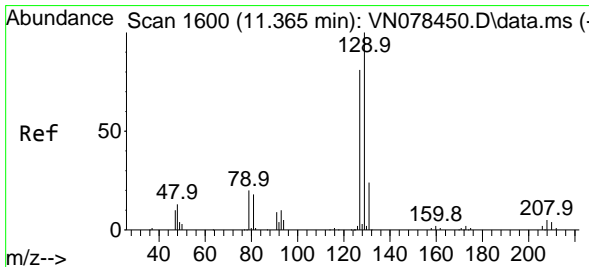
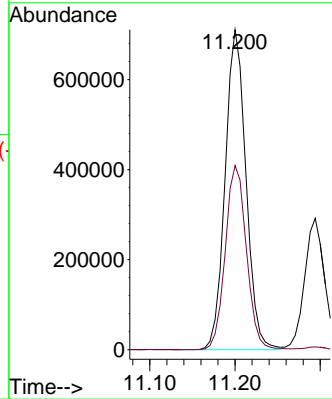
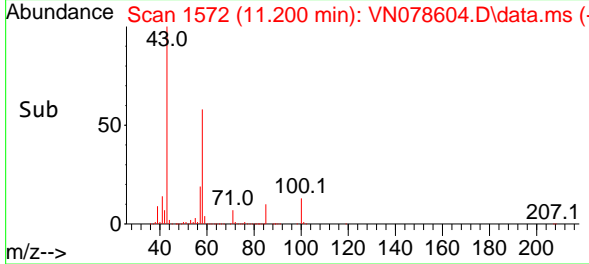
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



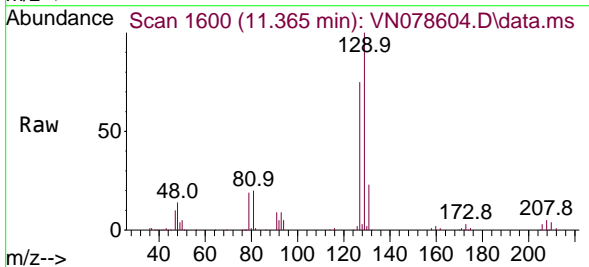
Tgt Ion: 43 Resp: 120695
 Ion Ratio Lower Upper
 43 100
 58 58.5 31.7 95.1

Manual Integrations
 APPROVED

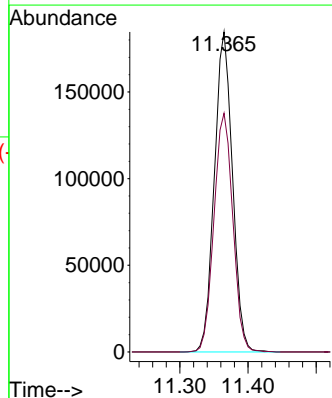
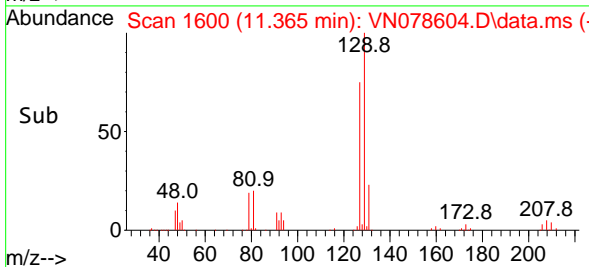
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

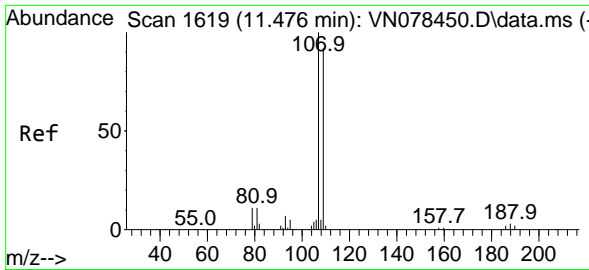


#60
 Dibromochloromethane
 Concen: 55.802 ug/l
 RT: 11.365 min Scan# 1600
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:129 Resp: 341345
 Ion Ratio Lower Upper
 129 100
 127 77.7 38.6 116.0





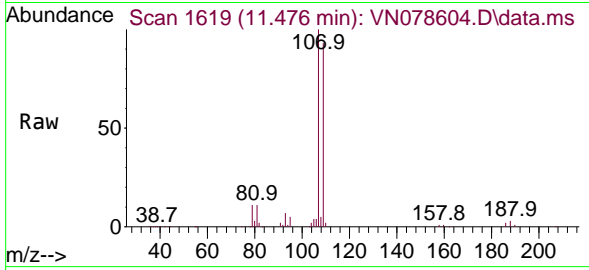
#61
 1,2-Dibromoethane
 Concen: 53.315 ug/l
 RT: 11.476 min Scan# 1619
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



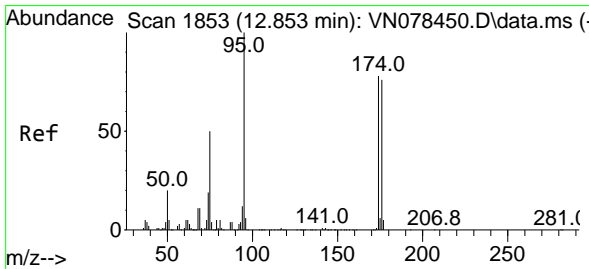
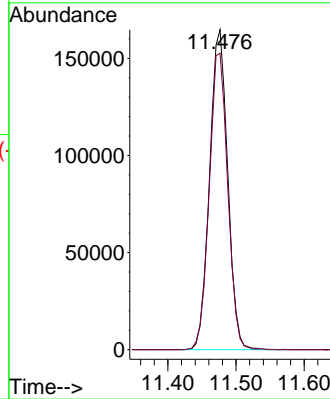
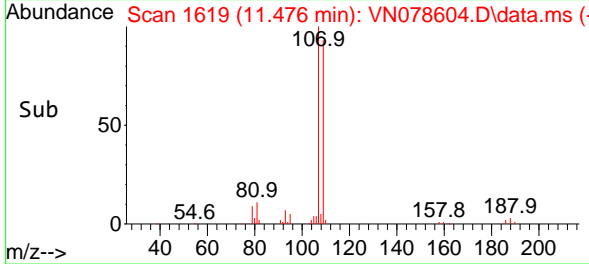
Tgt Ion:107 Resp: 304310
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.6 114.8

Manual Integrations

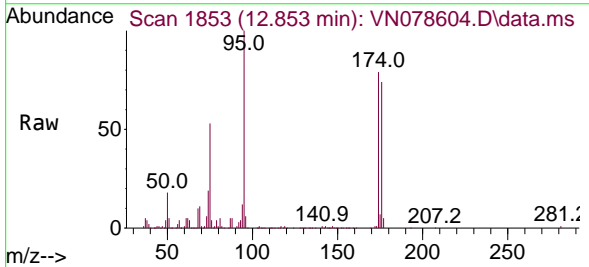
APPROVED

Reviewed By :John Carlone 07/24/2023

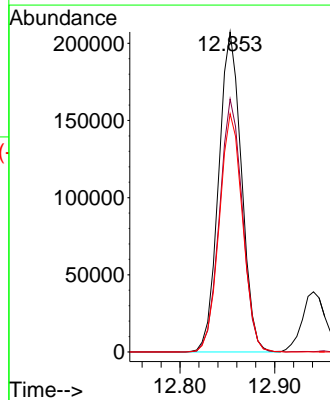
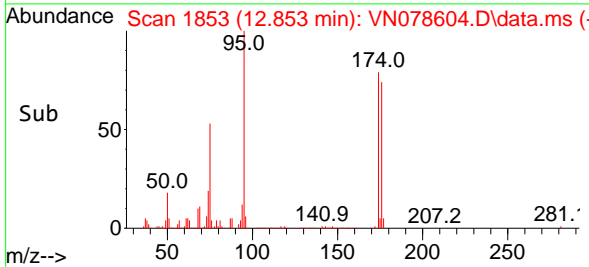
Supervised By :Mahesh Dadoda 07/24/2023

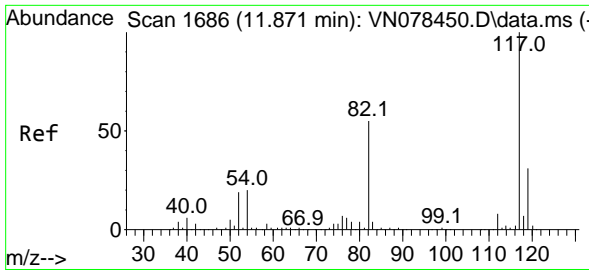


#62
 4-Bromofluorobenzene
 Concen: 56.216 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 95 Resp: 346990
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 143.8
 176 76.0 0.0 135.8





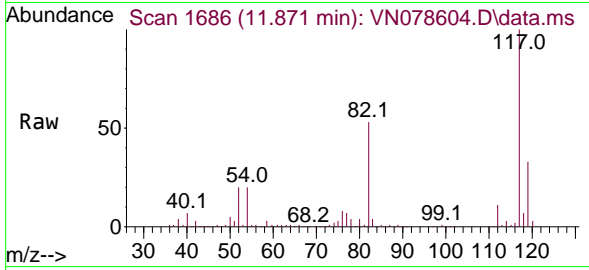
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



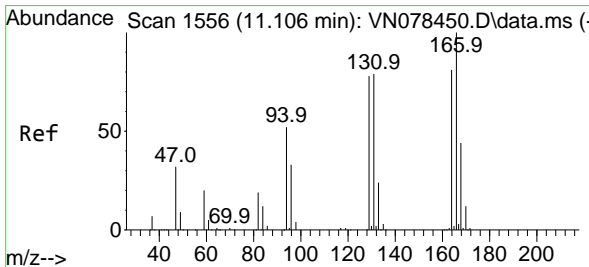
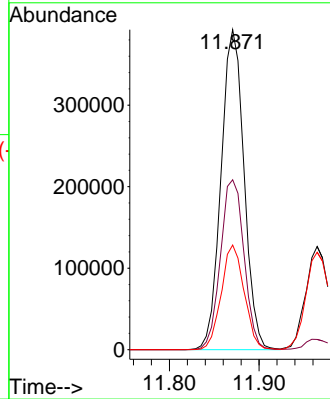
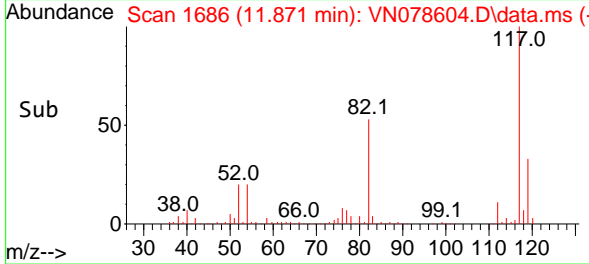
Tgt Ion:117 Resp: 698810
 Ion Ratio Lower Upper
 117 100
 82 53.1 44.0 66.0
 119 32.7 25.6 38.4

Manual Integrations

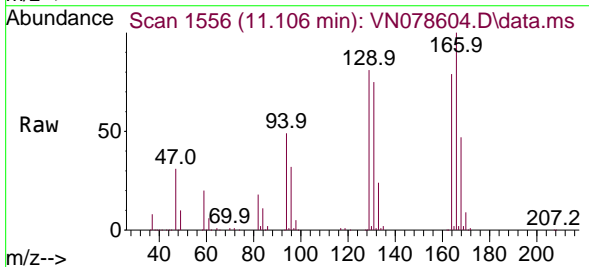
APPROVED

Reviewed By :John Carlone 07/24/2023

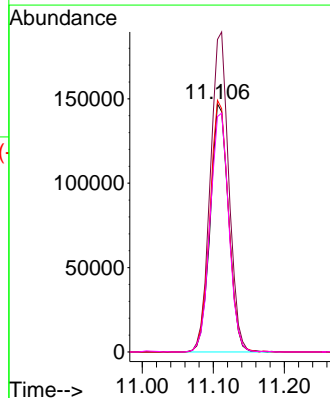
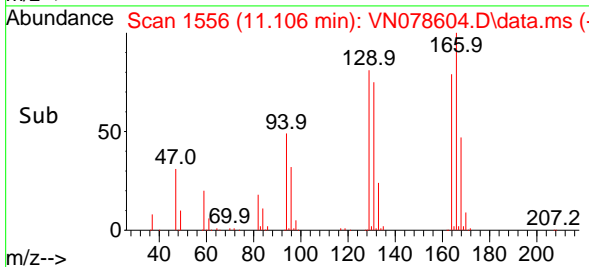
Supervised By :Mahesh Dadoda 07/24/2023

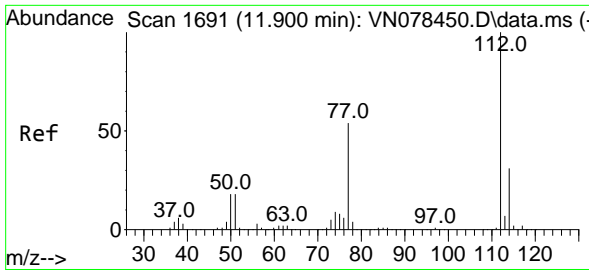


#64
 Tetrachloroethene
 Concen: 49.866 ug/l
 RT: 11.106 min Scan# 1556
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:164 Resp: 261991
 Ion Ratio Lower Upper
 164 100
 166 125.9 101.4 152.0
 129 101.4 82.4 123.6
 131 94.9 78.2 117.4





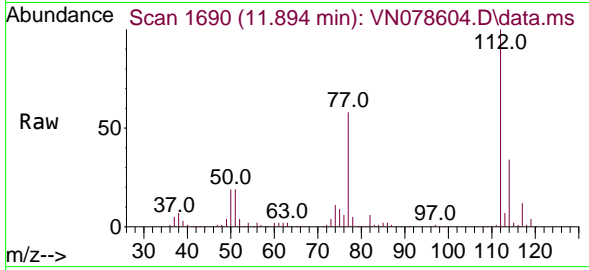
#65
 Chlorobenzene
 Concen: 52.629 ug/l
 RT: 11.894 min Scan# 1690
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050



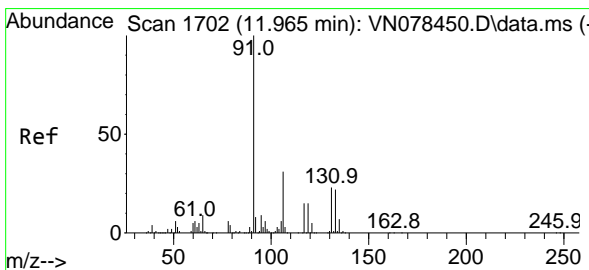
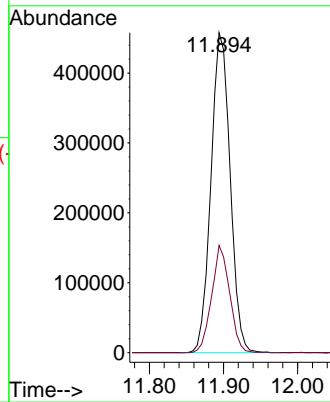
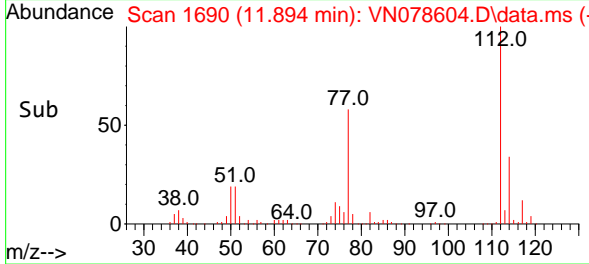
Tgt Ion:112 Resp: 82207
 Ion Ratio Lower Upper
 112 100
 114 33.5 25.0 37.4

Manual Integrations

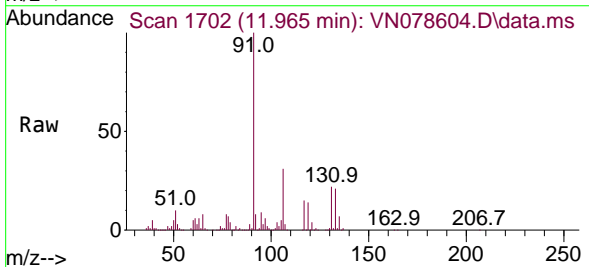
APPROVED

Reviewed By :John Carlone 07/24/2023

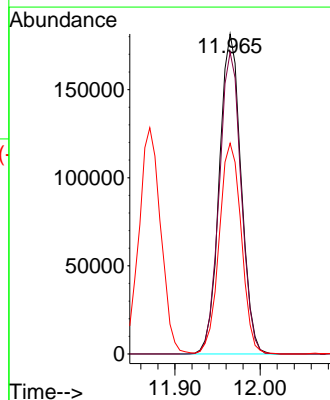
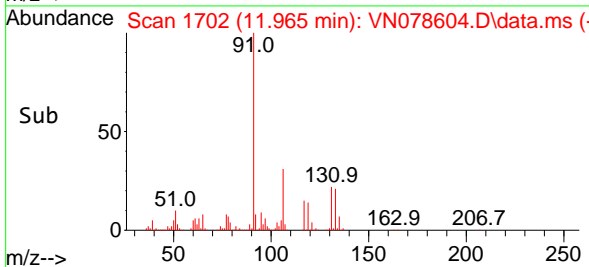
Supervised By :Mahesh Dadoda 07/24/2023

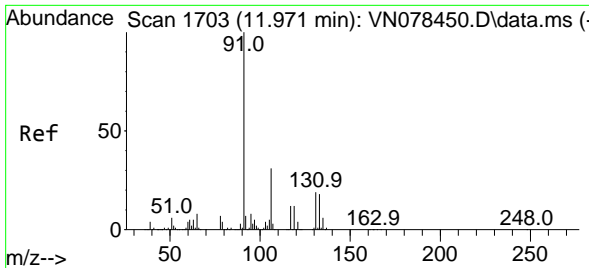


#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.644 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



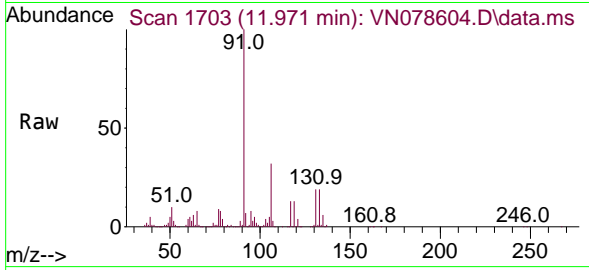
Tgt Ion:131 Resp: 322351
 Ion Ratio Lower Upper
 131 100
 133 95.0 46.4 139.1
 119 66.8 34.1 102.2





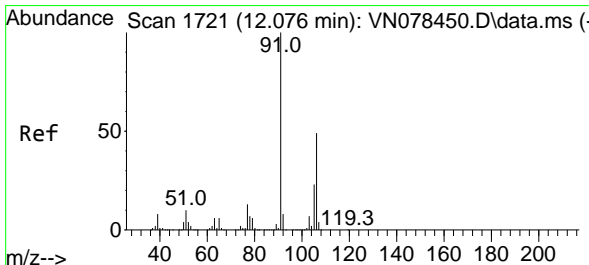
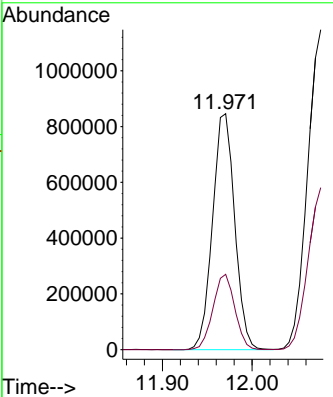
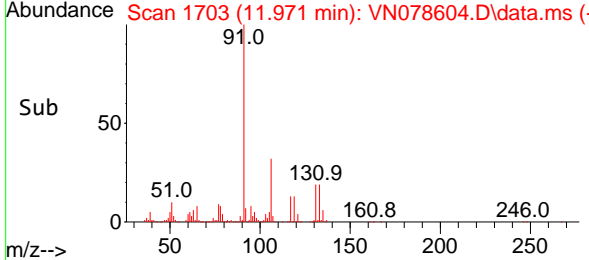
#67
 Ethyl Benzene
 Concen: 55.035 ug/l
 RT: 11.971 min Scan# 1703
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050

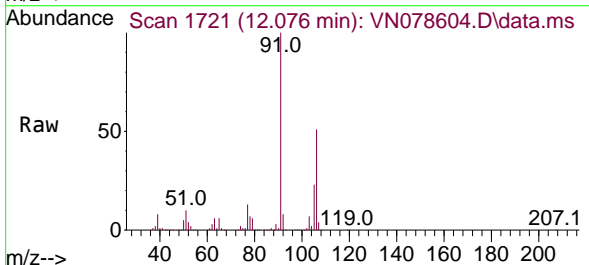


Tgt Ion: 91 Resp: 1453109
 Ion Ratio Lower Upper
 91 100
 106 32.0 25.6 38.4

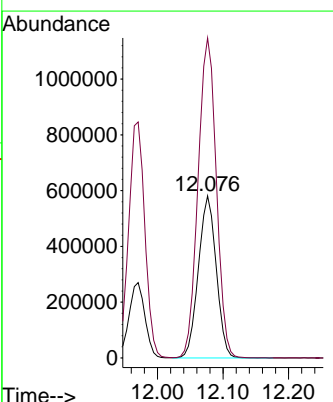
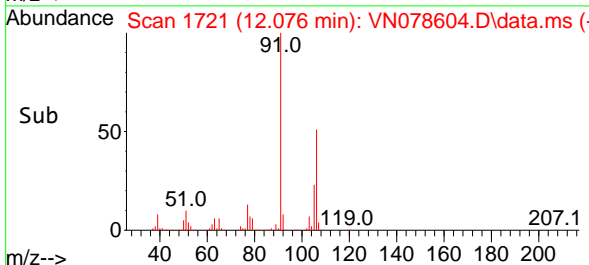
Manual Integrations
APPROVED
 Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

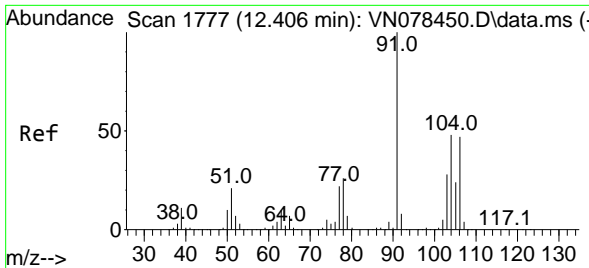


#68
 m/p-Xylenes
 Concen: 112.588 ug/l
 RT: 12.076 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



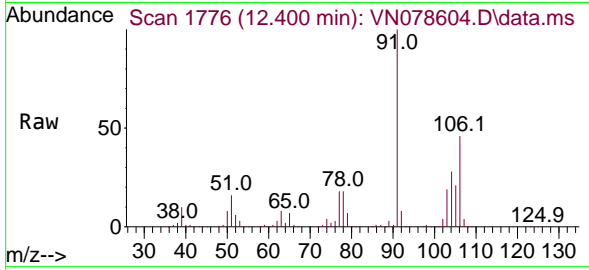
Tgt Ion:106 Resp: 1099095
 Ion Ratio Lower Upper
 106 100
 91 202.4 159.6 239.4





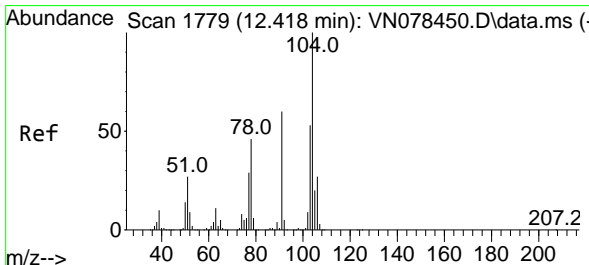
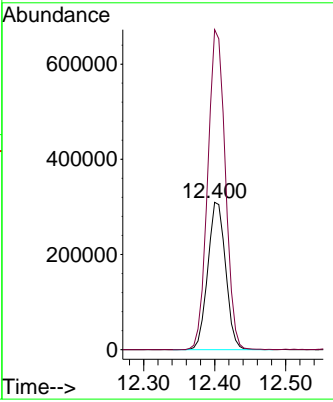
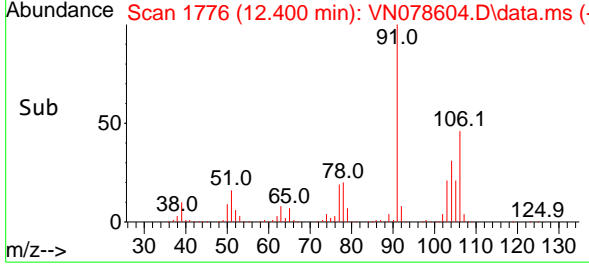
#69
 o-Xylene
 Concen: 54.668 ug/l
 RT: 12.400 min Scan# 1776
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050

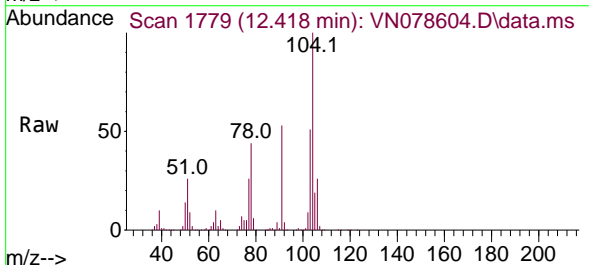


Tgt Ion:106 Resp: 53904
 Ion Ratio Lower Upper
 106 100
 91 214.6 105.2 315.5

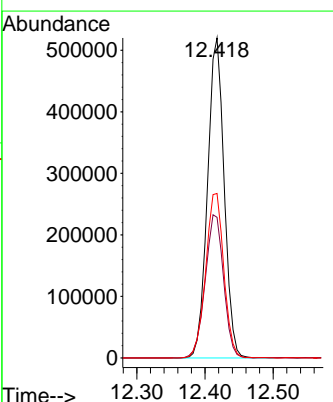
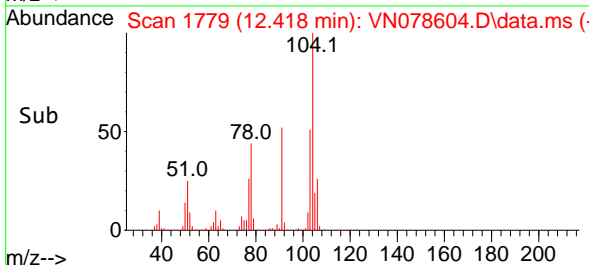
Manual Integrations
APPROVED
 Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

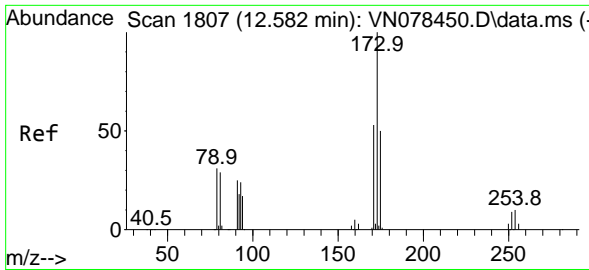


#70
 Styrene
 Concen: 57.267 ug/l
 RT: 12.418 min Scan# 1779
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



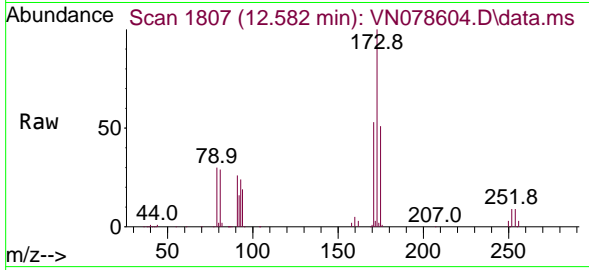
Tgt Ion:104 Resp: 883402
 Ion Ratio Lower Upper
 104 100
 78 49.3 39.5 59.3
 103 56.2 43.2 64.8





#71
 Bromoform
 Concen: 54.957 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

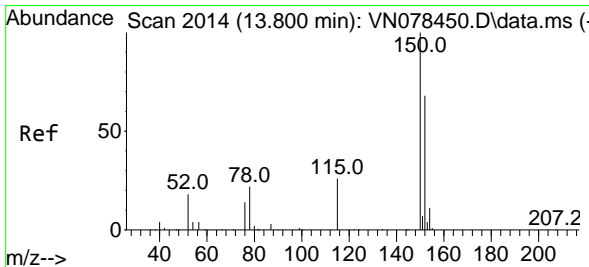
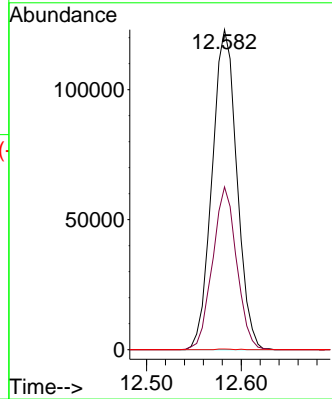
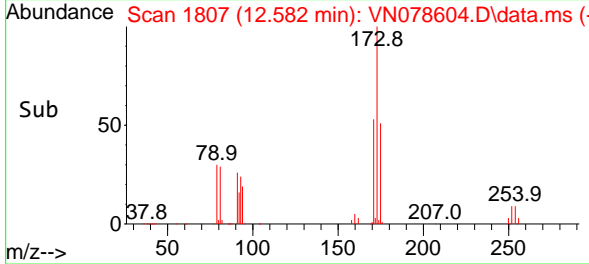
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050



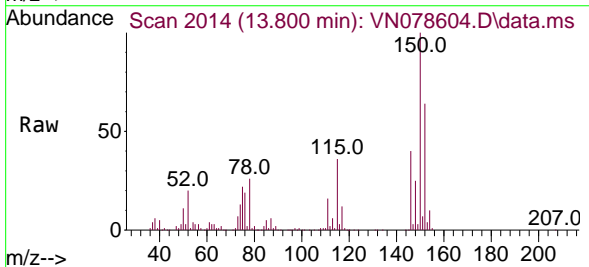
Tgt Ion:173 Resp: 223650
 Ion Ratio Lower Upper
 173 100
 175 49.4 24.3 73.0
 254 0.1 0.0 0.0

Manual Integrations
 APPROVED

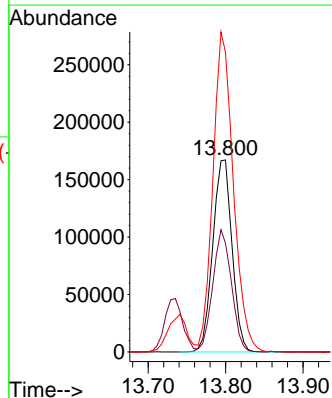
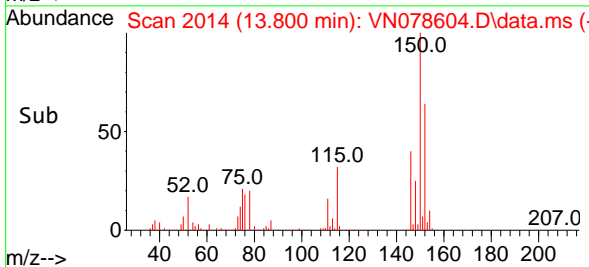
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

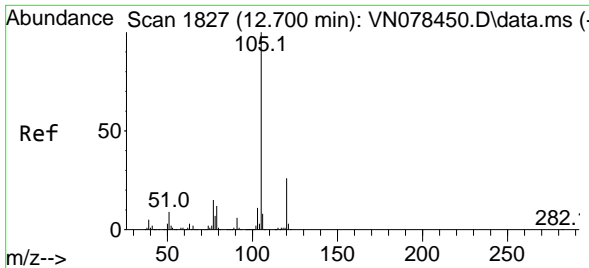


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



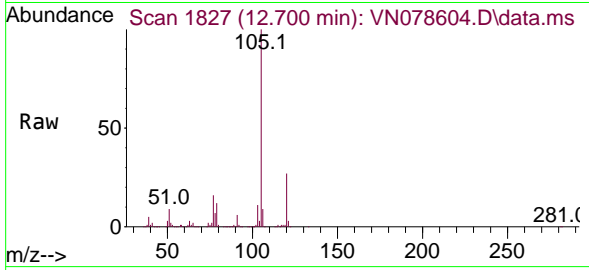
Tgt Ion:152 Resp: 289326
 Ion Ratio Lower Upper
 152 100
 115 61.1 32.3 96.8
 150 175.9 0.0 355.8





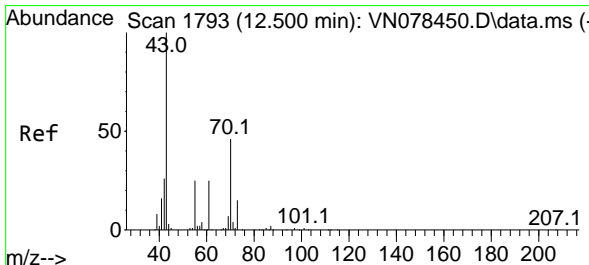
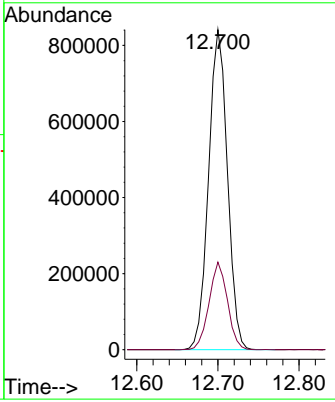
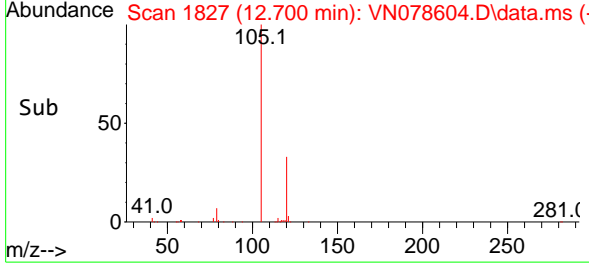
#73
 Isopropylbenzene
 Concen: 49.936 ug/l
 RT: 12.700 min Scan# 1827
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument : MSVOA_N
 Client Sample Id : VSTDCCC050

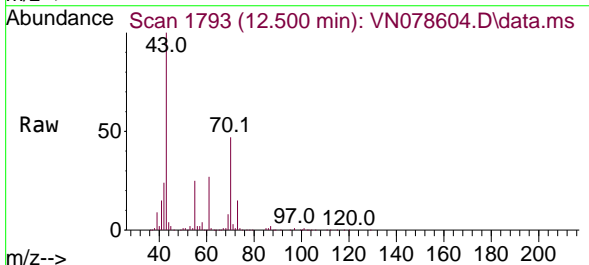


Tgt Ion: 105 Resp: 135756
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.1 39.1

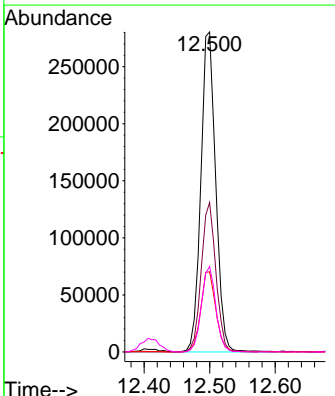
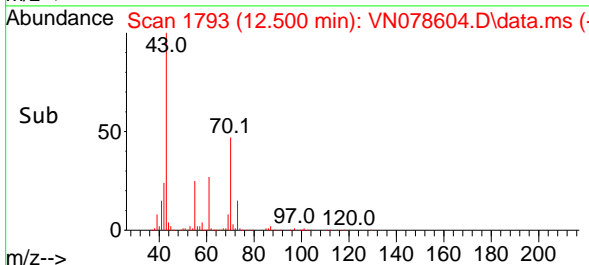
Manual Integrations
APPROVED
 Reviewed By : John Carlone 07/24/2023
 Supervised By : Mahesh Dadoda 07/24/2023

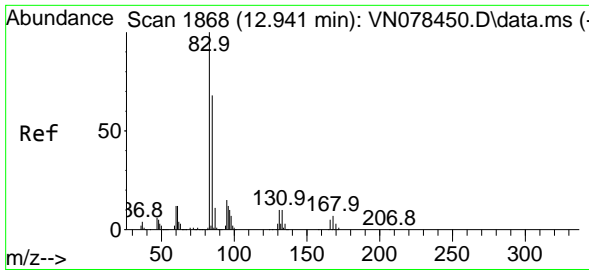


#74
 N-ethyl acetate
 Concen: 47.329 ug/l
 RT: 12.500 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 43 Resp: 443421
 Ion Ratio Lower Upper
 43 100
 70 46.0 43.4 65.2
 55 25.6 21.4 32.0
 61 25.9 22.8 34.2





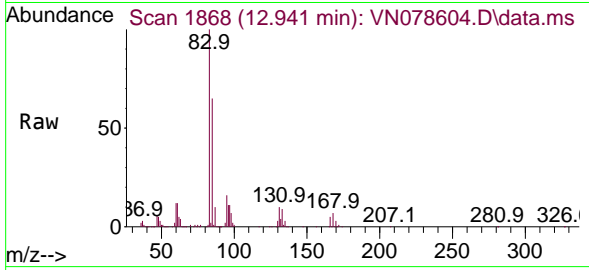
#75
 1,1,2,2-Tetrachloroethane
 Concen: 55.217 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050



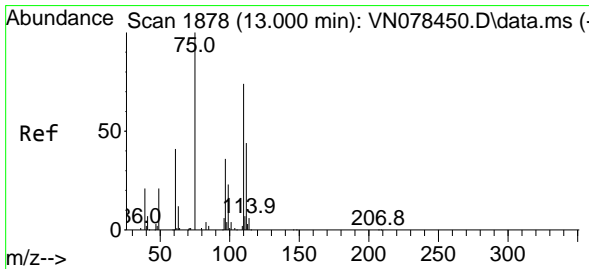
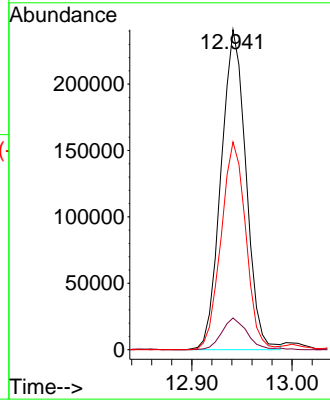
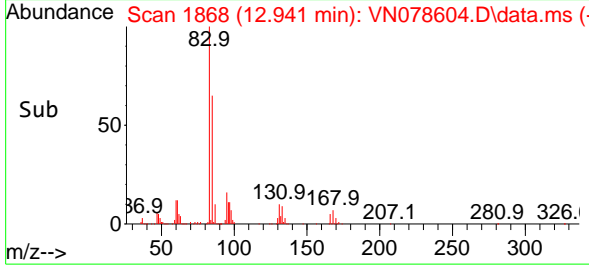
Tgt Ion: 83 Resp: 416820
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.0 15.0
 85 64.2 31.9 95.7

Manual Integrations

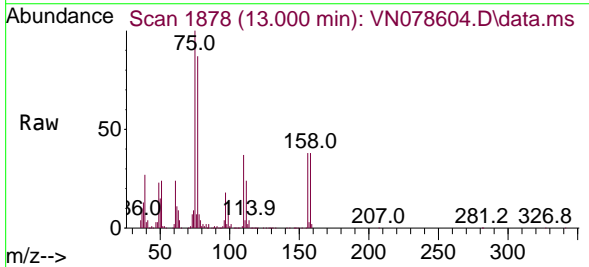
APPROVED

Reviewed By :John Carlone 07/24/2023

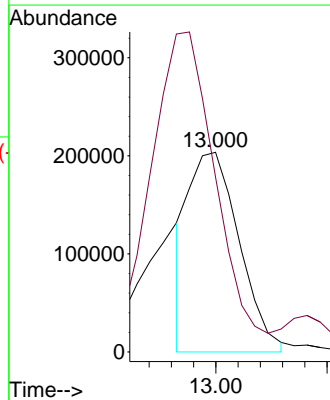
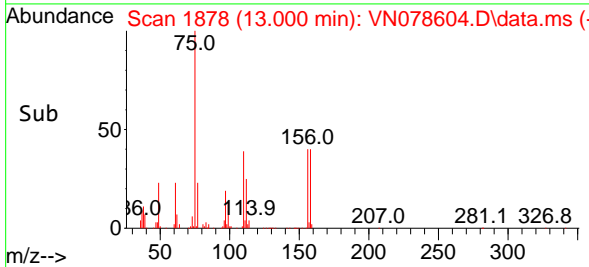
Supervised By :Mahesh Dadoda 07/24/2023

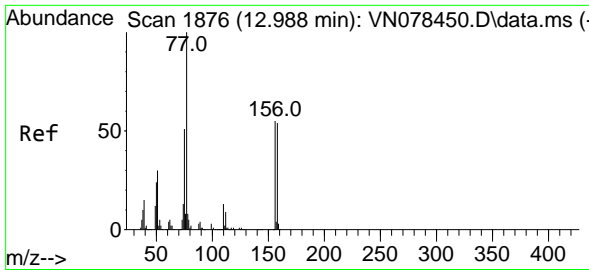


#76
 1,2,3-Trichloropropane
 Concen: 46.199 ug/l m
 RT: 13.000 min Scan# 1878
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 75 Resp: 323088
 Ion Ratio Lower Upper
 75 100
 77 206.2 84.5 253.5





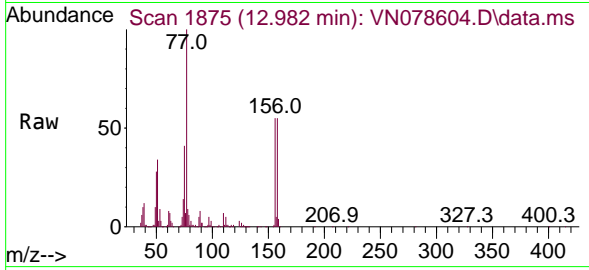
#77
 Bromobenzene
 Concen: 54.471 ug/l
 RT: 12.982 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



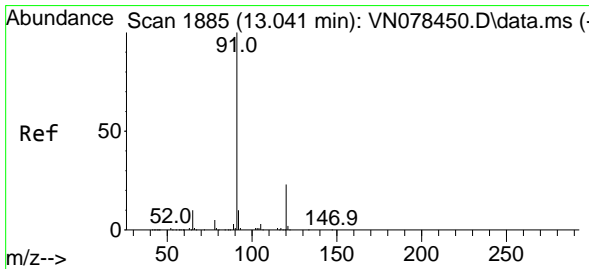
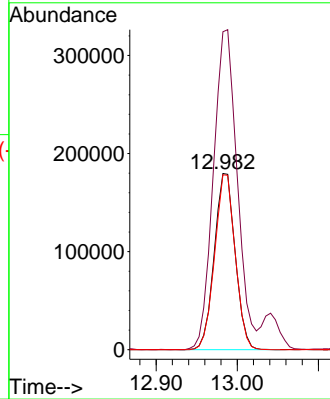
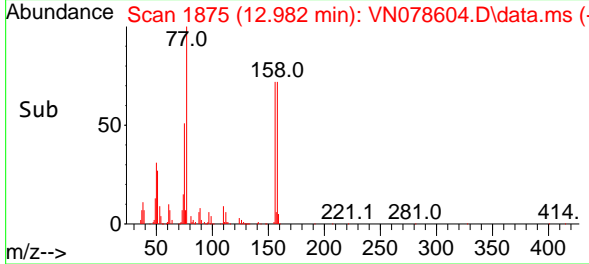
Tgt Ion:156 Resp: 32122
 Ion Ratio Lower Upper
 156 100
 77 207.4 107.7 323.3
 158 97.8 48.4 145.3

Manual Integrations

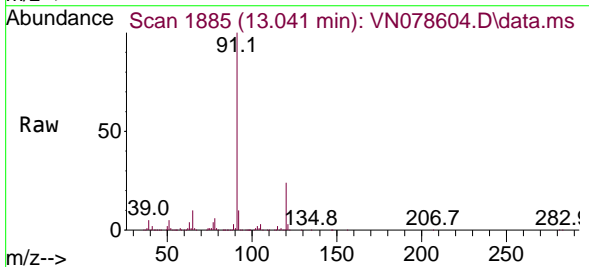
APPROVED

Reviewed By :John Carlone 07/24/2023

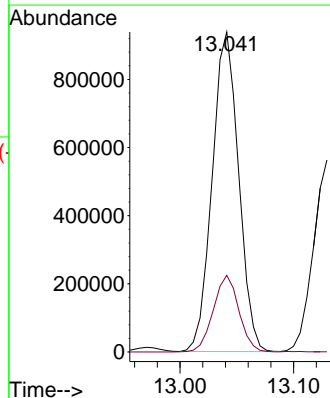
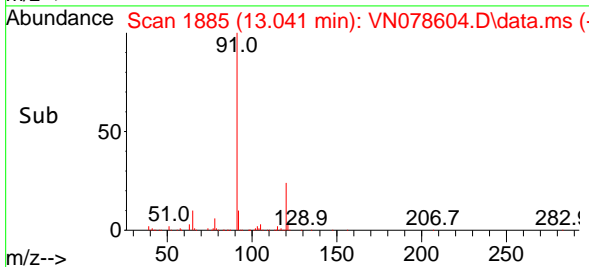
Supervised By :Mahesh Dadoda 07/24/2023

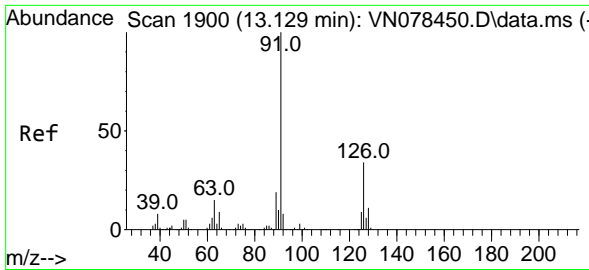


#78
 n-propylbenzene
 Concen: 52.058 ug/l
 RT: 13.041 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 91 Resp: 1513540
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.5 34.4





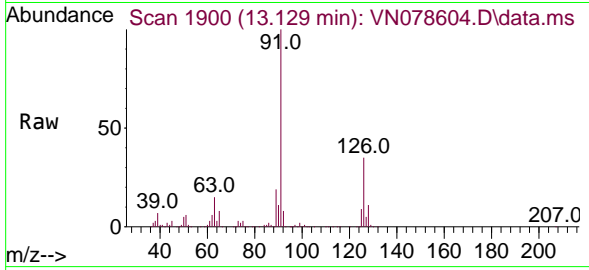
#79
 2-Chlorotoluene
 Concen: 48.671 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



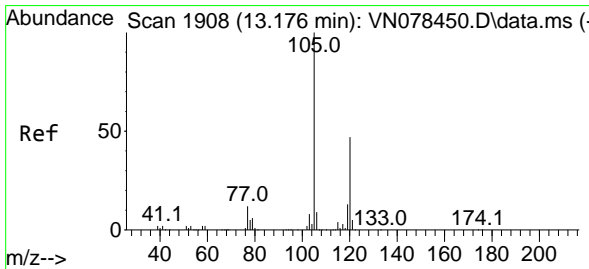
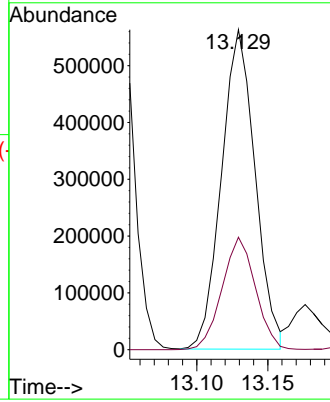
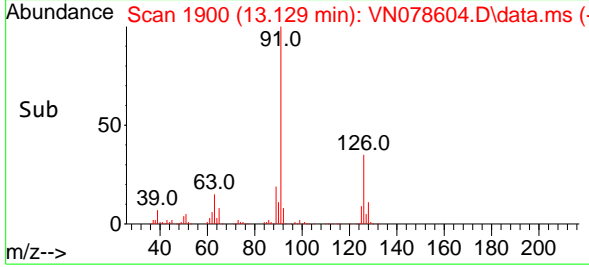
Tgt Ion: 91 Resp: 926889
 Ion Ratio Lower Upper
 91 100
 126 35.0 16.3 48.8

Manual Integrations

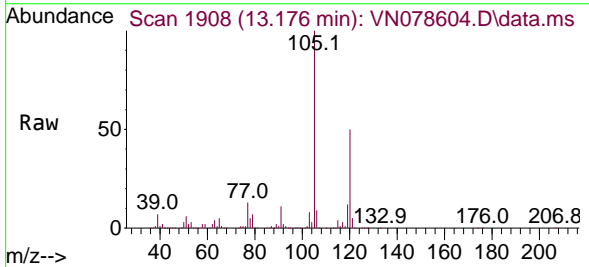
APPROVED

Reviewed By :John Carlone 07/24/2023

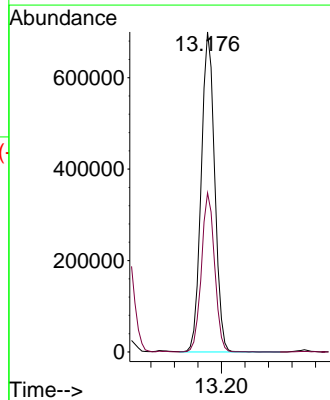
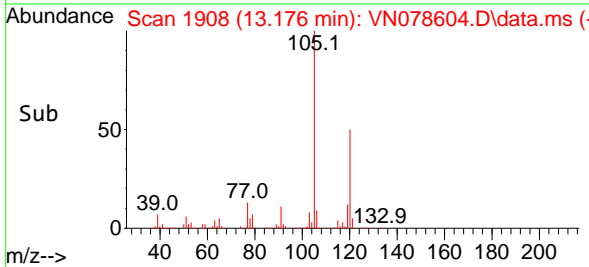
Supervised By :Mahesh Dadoda 07/24/2023

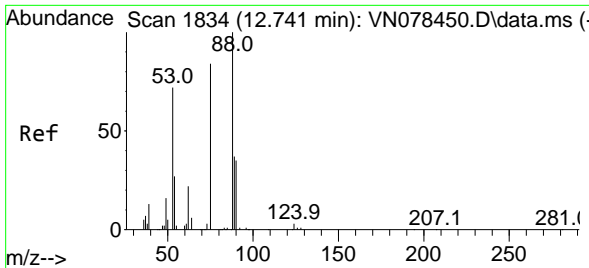


#80
 1,3,5-Trimethylbenzene
 Concen: 51.700 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:105 Resp: 1110549
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.3





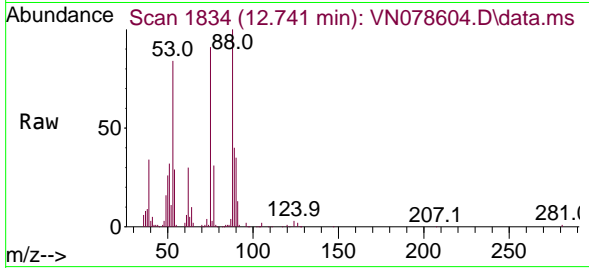
#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.333 ug/l
 RT: 12.741 min Scan# 1834
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



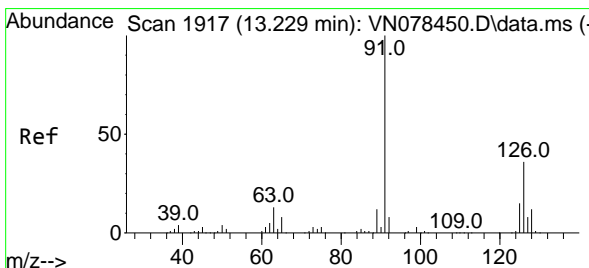
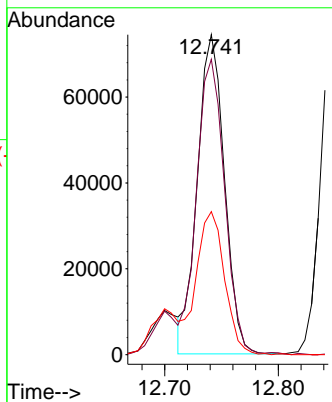
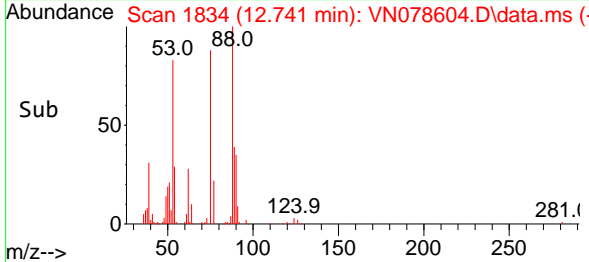
Tgt Ion: 75 Resp: 123300
 Ion Ratio Lower Upper
 75 100
 53 96.3 67.4 101.2
 89 47.5 38.8 58.2

Manual Integrations

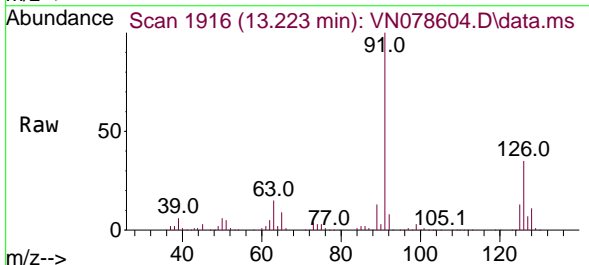
APPROVED

Reviewed By :John Carlone 07/24/2023

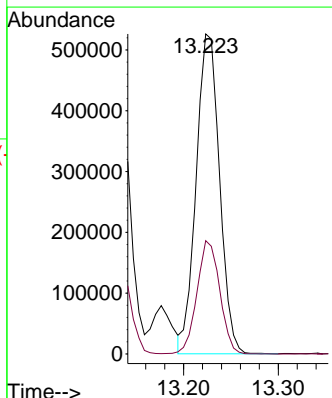
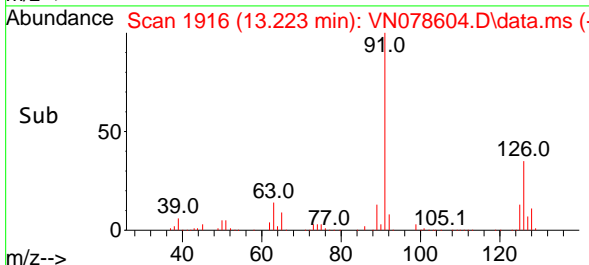
Supervised By :Mahesh Dadoda 07/24/2023

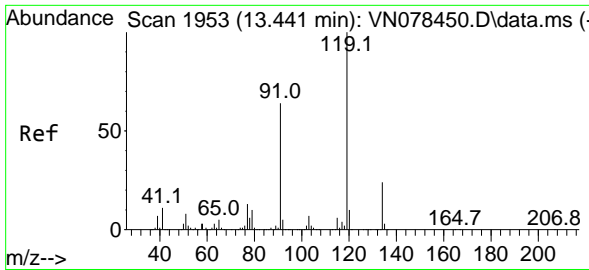


#82
 4-Chlorotoluene
 Concen: 50.707 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 91 Resp: 900833
 Ion Ratio Lower Upper
 91 100
 126 34.6 16.7 50.0





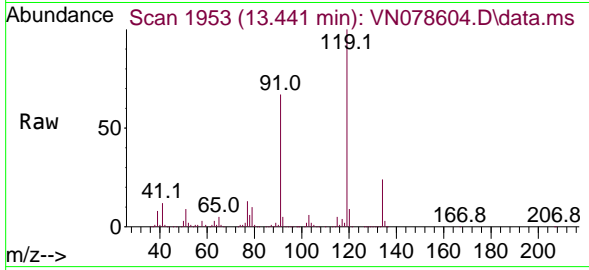
#83
 tert-Butylbenzene
 Concen: 50.845 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



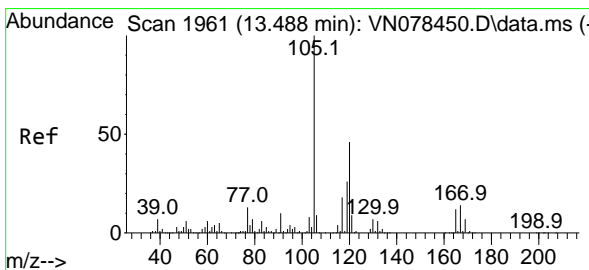
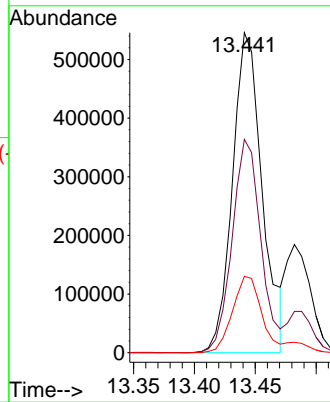
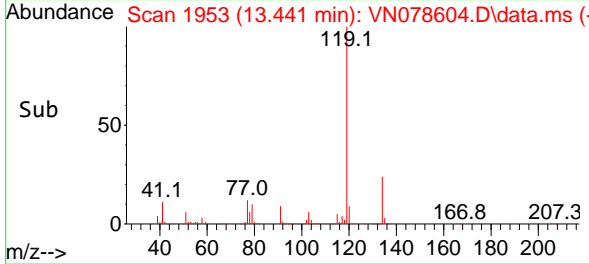
Tgt Ion:119 Resp: 927278
 Ion Ratio Lower Upper
 119 100
 91 64.5 33.9 101.7
 134 25.8 13.2 39.6

Manual Integrations

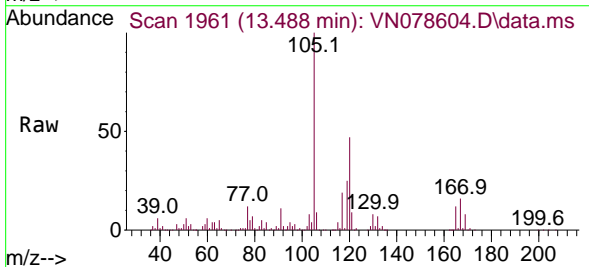
APPROVED

Reviewed By :John Carlone 07/24/2023

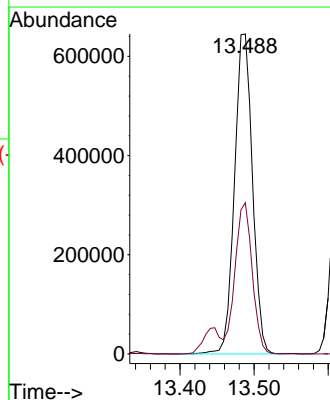
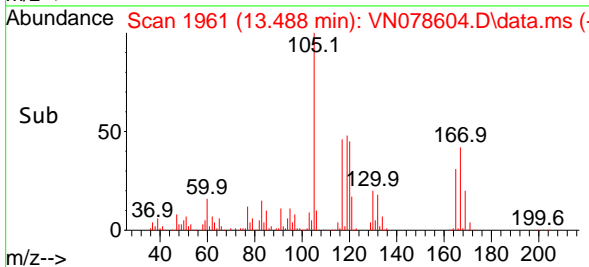
Supervised By :Mahesh Dadoda 07/24/2023

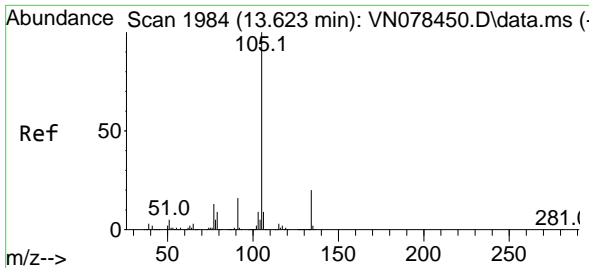


#84
 1,2,4-Trimethylbenzene
 Concen: 52.020 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:105 Resp: 1085379
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.0 66.0





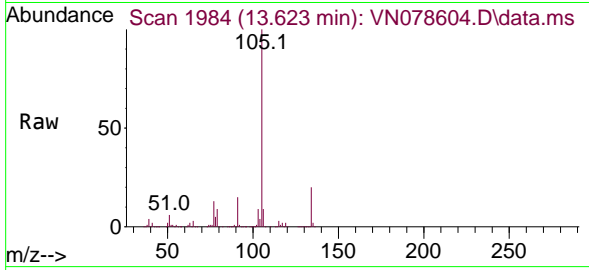
#85
 sec-Butylbenzene
 Concen: 51.152 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050



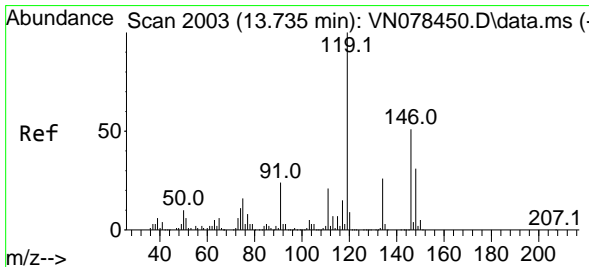
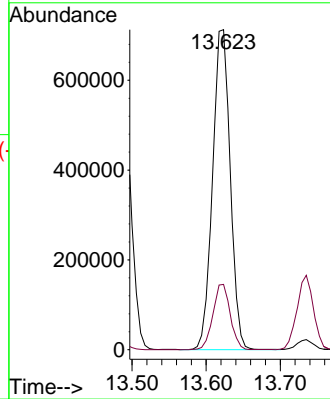
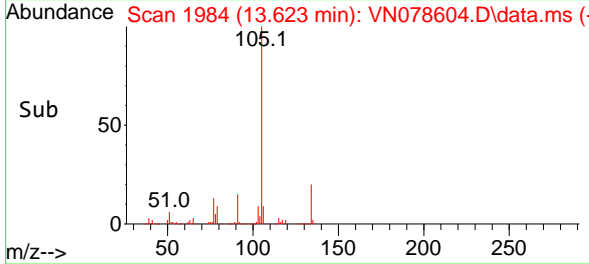
Tgt Ion: 105 Resp: 1179140
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations

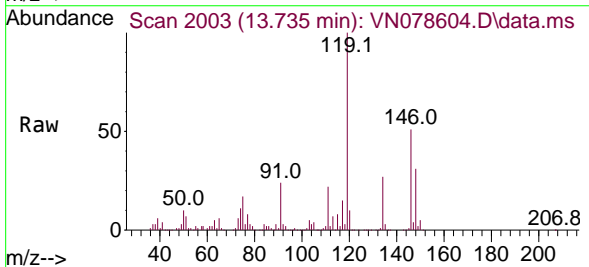
APPROVED

Reviewed By : John Carlone 07/24/2023

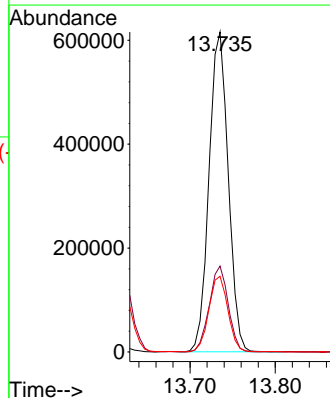
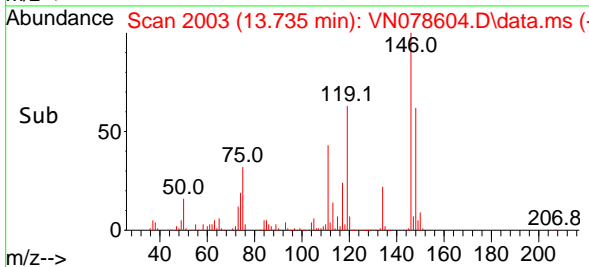
Supervised By : Mahesh Dadoda 07/24/2023

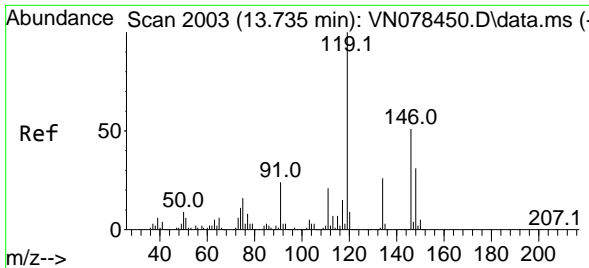


#86
 p-Isopropyltoluene
 Concen: 51.960 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



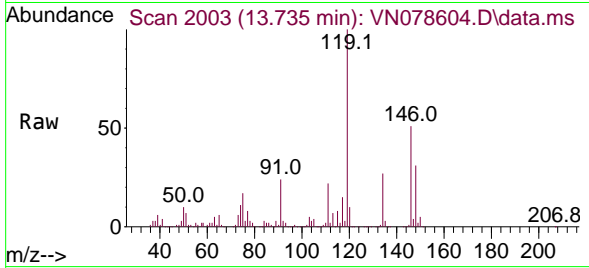
Tgt Ion: 119 Resp: 961762
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 23.5 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 52.119 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

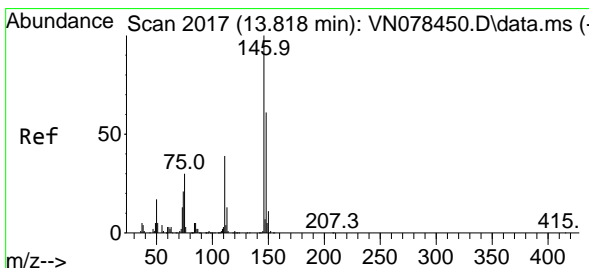
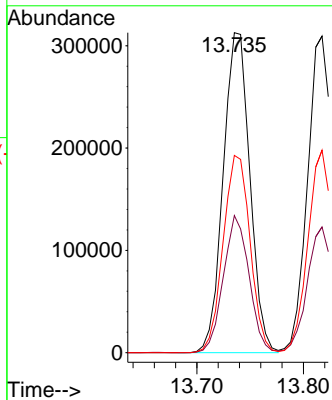
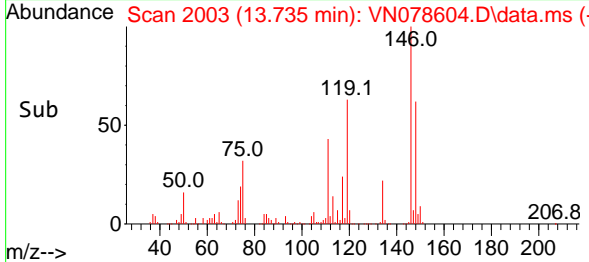
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



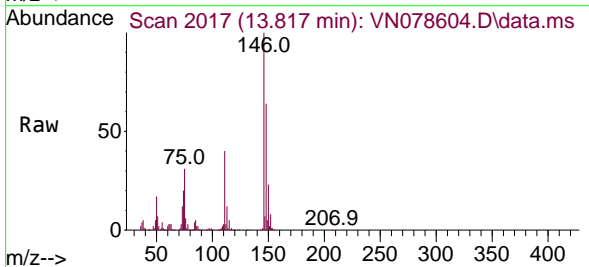
Tgt Ion:146 Resp: 54394
 Ion Ratio Lower Upper
 146 100
 111 41.3 22.1 66.3
 148 62.4 32.0 96.0

Manual Integrations
 APPROVED

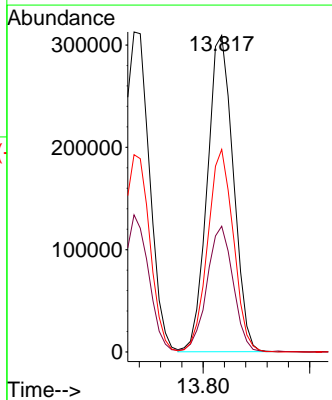
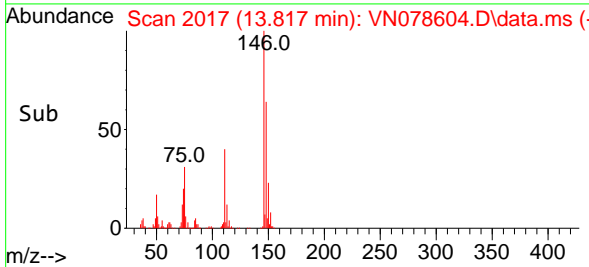
Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023

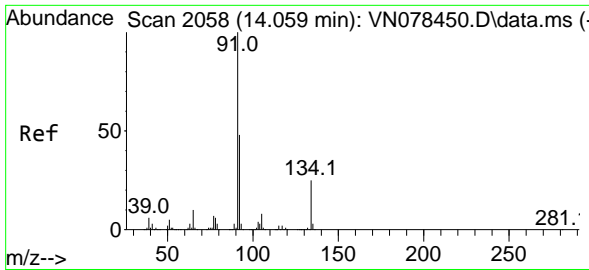


#88
 1,4-Dichlorobenzene
 Concen: 49.850 ug/l
 RT: 13.817 min Scan# 2017
 Delta R.T. -0.001 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:146 Resp: 524037
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.6 61.8
 148 63.4 31.6 94.8





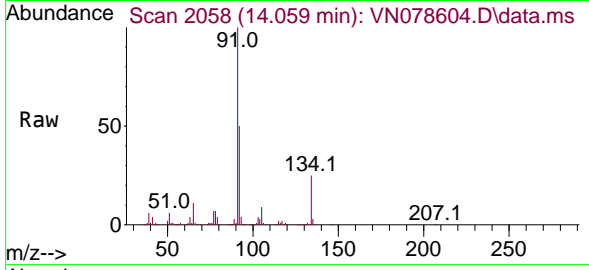
#89
 n-Butylbenzene
 Concen: 54.706 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050



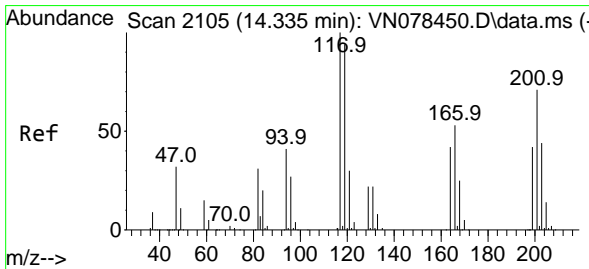
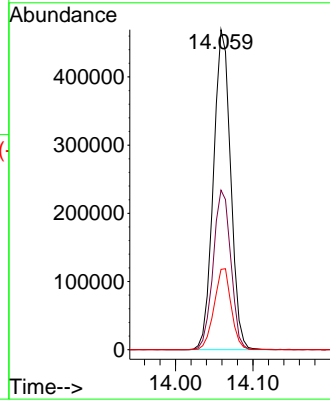
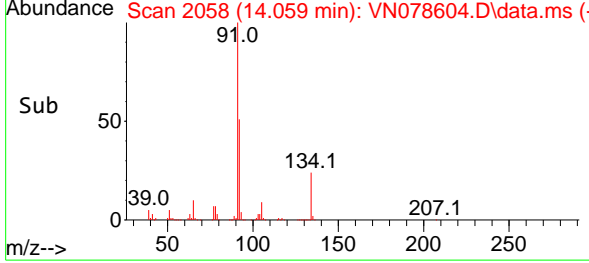
Tgt Ion: 91 Resp: 72451
 Ion Ratio Lower Upper
 91 100
 92 51.1 26.4 79.0
 134 25.2 12.6 37.6

Manual Integrations

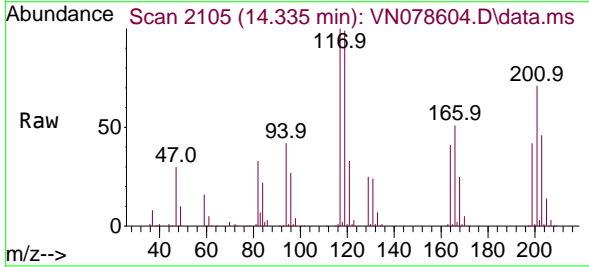
APPROVED

Reviewed By :John Carlone 07/24/2023

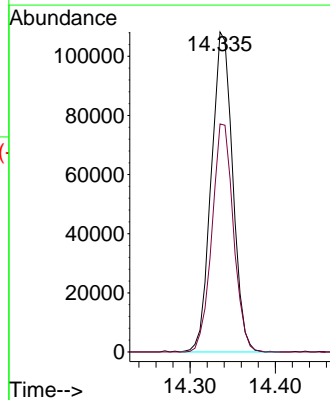
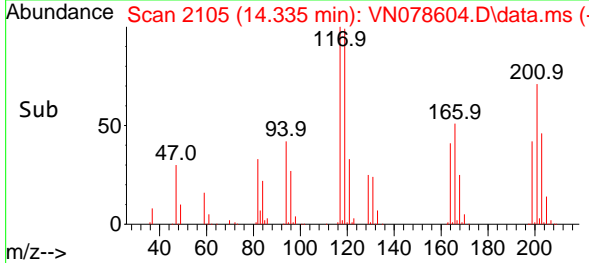
Supervised By :Mahesh Dadoda 07/24/2023

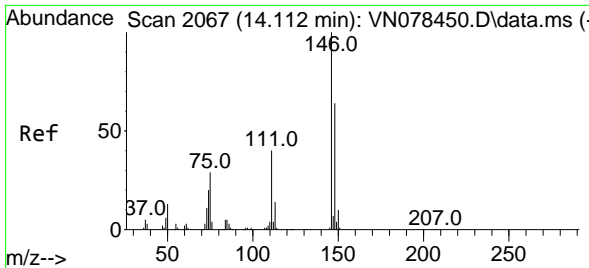


#90
 Hexachloroethane
 Concen: 55.567 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:117 Resp: 188734
 Ion Ratio Lower Upper
 117 100
 201 71.6 29.3 88.0





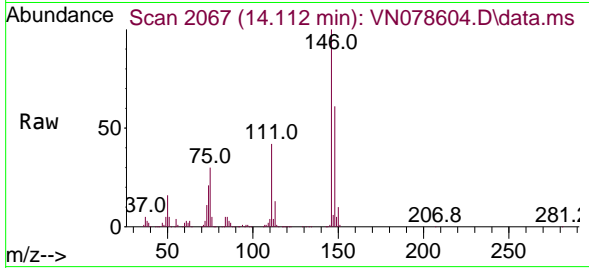
#91
 1,2-Dichlorobenzene
 Concen: 50.444 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



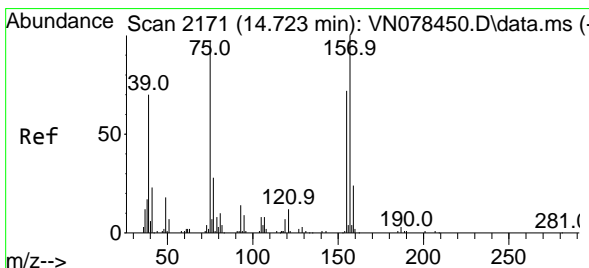
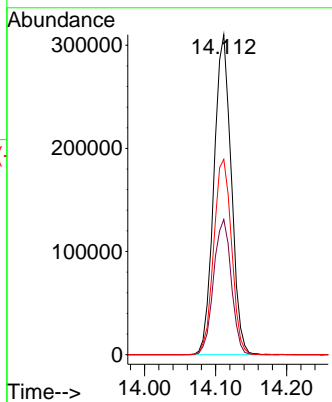
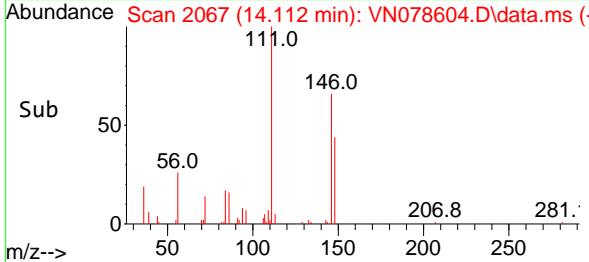
Tgt Ion:146 Resp: 52392
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.0 66.0
 148 62.8 31.8 95.3

Manual Integrations

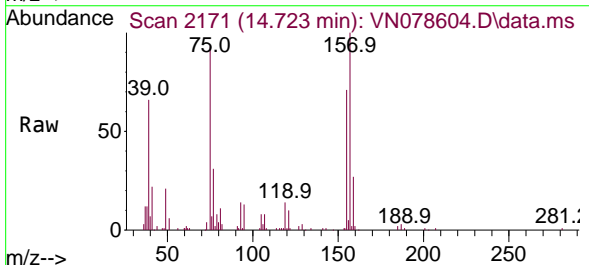
APPROVED

Reviewed By :John Carlone 07/24/2023

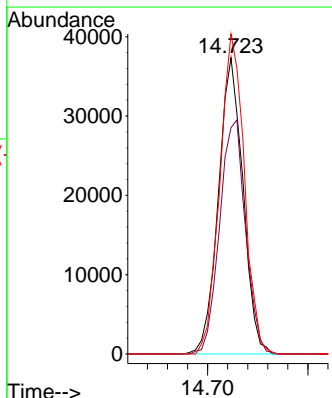
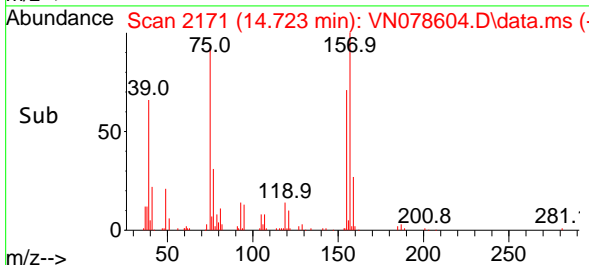
Supervised By :Mahesh Dadoda 07/24/2023

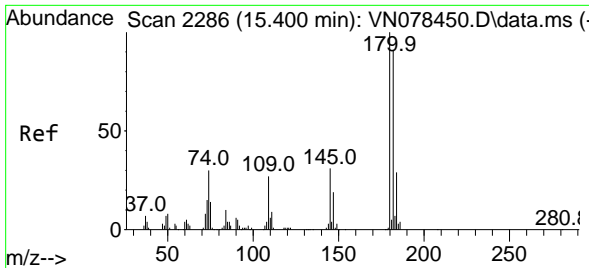


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.626 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion: 75 Resp: 63355
 Ion Ratio Lower Upper
 75 100
 155 83.2 39.1 117.2
 157 108.1 50.3 150.9





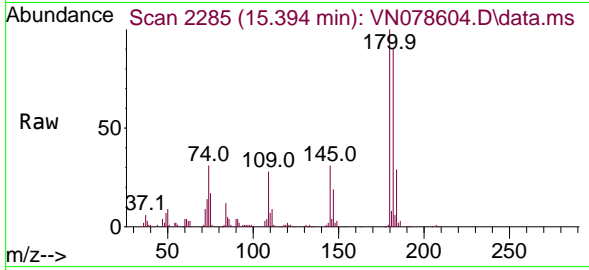
#93
 1,2,4-Trichlorobenzene
 Concen: 48.585 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



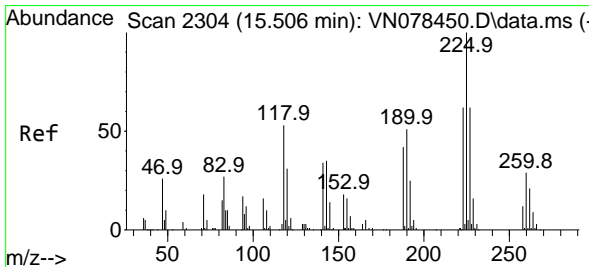
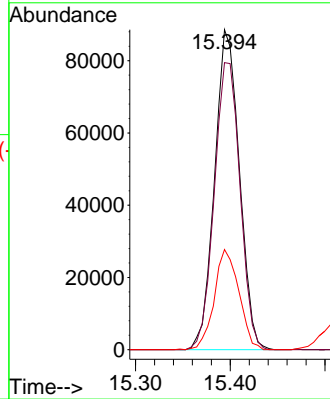
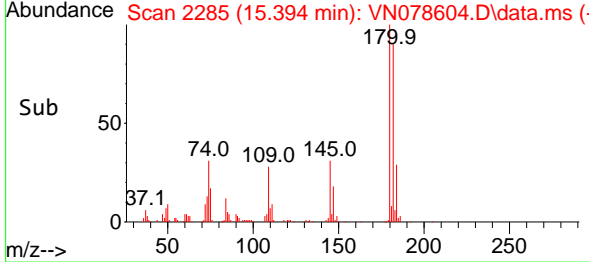
Tgt Ion:180 Resp: 161050
 Ion Ratio Lower Upper
 180 100
 182 93.1 46.1 138.2
 145 31.1 16.6 49.8

Manual Integrations

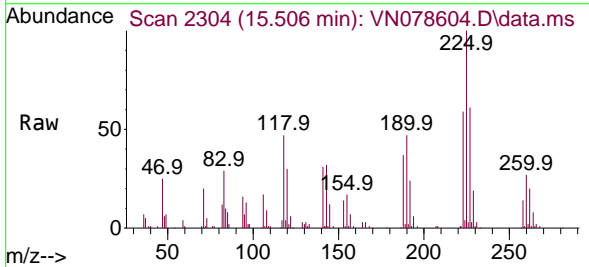
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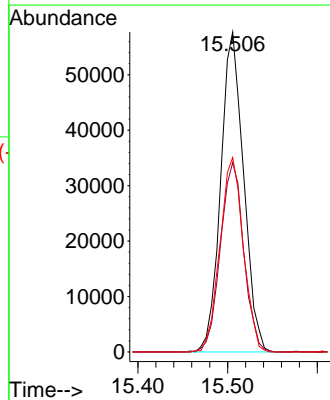
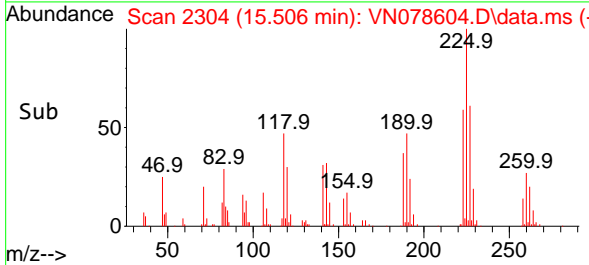
Supervised By :Mahesh Dadoda 07/24/2023

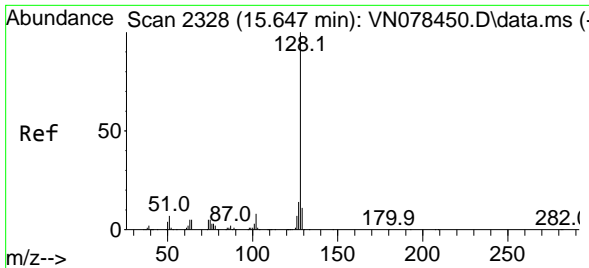


#94
 Hexachlorobutadiene
 Concen: 60.349 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:225 Resp: 102018
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.3 93.8
 227 62.0 31.9 95.9





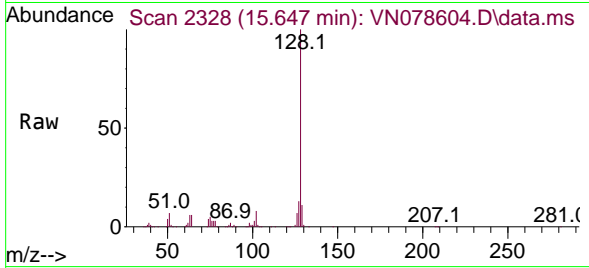
#95
 Naphthalene
 Concen: 41.216 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52

Instrument :

MSVOA_N

Client Sample Id :

VSTDCCC050

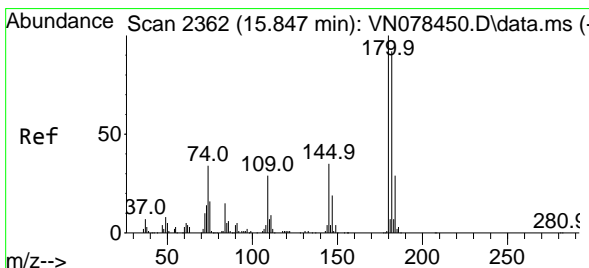
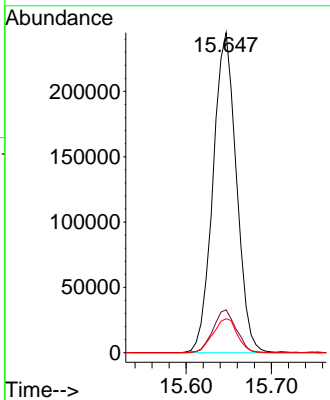
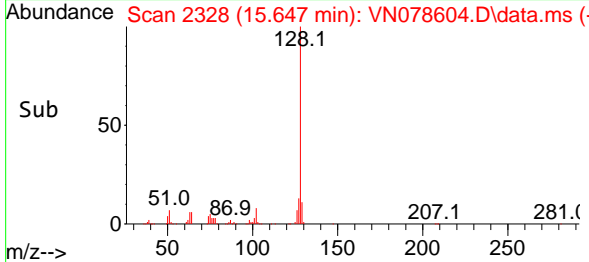


Tgt Ion:128 Resp: 46707
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.0 15.0
 129 11.1 8.7 13.1

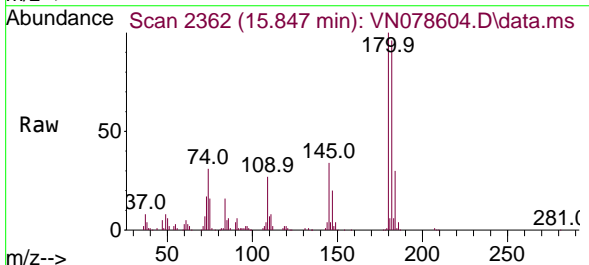
Manual Integrations

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Reviewed By :John Carlone 07/24/2023
 Supervised By :Mahesh Dadoda 07/24/2023



#96
 1,2,3-Trichlorobenzene
 Concen: 46.376 ug/l
 RT: 15.847 min Scan# 2362
 Delta R.T. -0.000 min
 Lab File: VN078604.D
 Acq: 21 Jul 2023 09:52



Tgt Ion:180 Resp: 176766
 Ion Ratio Lower Upper
 180 100
 182 97.2 46.2 138.6
 145 34.2 17.5 52.6

