

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077940.D
 Acq On : 26 May 2023 21:28
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 29 01:29:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/30/2023
 Supervised By : Mahesh Dadoda 05/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	350416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	629118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	241151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265846	50.704	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.400%			
35) Dibromofluoromethane	8.177	113	228262	55.641	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.280%			
50) Toluene-d8	10.577	98	854111	54.090	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.180%			
62) 4-Bromofluorobenzene	12.853	95	293718	52.667	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	185154	46.428	ug/l	100
3) Chloromethane	2.371	50	204670	48.346	ug/l	97
4) Vinyl Chloride	2.518	62	268006	53.303	ug/l	98
5) Bromomethane	2.954	94	195100	52.466	ug/l	97
6) Chloroethane	3.124	64	190406	52.547	ug/l	99
7) Trichlorofluoromethane	3.501	101	374624	53.463	ug/l	99
8) Diethyl Ether	3.971	74	133198	52.070	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	205659	53.035	ug/l	98
10) Methyl Iodide	4.595	142	286412	61.932	ug/l	98
11) Tert butyl alcohol	5.536	59	177163	244.835	ug/l	99
12) 1,1-Dichloroethene	4.348	96	199435	54.112	ug/l	91
13) Acrolein	4.189	56	104441	229.670	ug/l	92
14) Allyl chloride	5.036	41	262125	48.413	ug/l	93
15) Acrylonitrile	5.724	53	494120	255.599	ug/l	99
16) Acetone	4.442	43	385012	233.404	ug/l	98
17) Carbon Disulfide	4.718	76	489397	49.282	ug/l	100
18) Methyl Acetate	5.036	43	356873	51.570	ug/l	88
19) Methyl tert-butyl Ether	5.806	73	710956	53.293	ug/l	96
20) Methylene Chloride	5.289	84	253492	59.413	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	226775	54.776	ug/l #	79
22) Diisopropyl ether	6.683	45	672475	52.989	ug/l	96
23) Vinyl Acetate	6.612	43	1998216	254.131	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	421538	54.218	ug/l	99
25) 2-Butanone	7.494	43	618150	239.556	ug/l	88
26) 2,2-Dichloropropane	7.500	77	309361	46.835	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	273227	55.041	ug/l	92
28) Bromochloromethane	7.824	49	164385	48.888	ug/l	90
29) Tetrahydrofuran	7.847	42	420683	248.980	ug/l #	84
30) Chloroform	7.977	83	463609	54.206	ug/l	96
31) Cyclohexane	8.265	56	356897	50.083	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	411774	56.629	ug/l	97
36) 1,1-Dichloropropene	8.377	75	339849	56.638	ug/l	98
37) Ethyl Acetate	7.571	43	268134	50.135	ug/l #	91
38) Carbon Tetrachloride	8.371	117	364423	60.144	ug/l	100
39) Methylcyclohexane	9.612	83	377748	51.422	ug/l	92
40) Benzene	8.612	78	1014482	57.293	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	139052	48.820	ug/l	93
42) 1,2-Dichloroethane	8.677	62	343770	53.445	ug/l	98
43) Isopropyl Acetate	8.700	43	456491	52.255	ug/l	95
44) Trichloroethene	9.359	130	265260	59.163	ug/l	99
45) 1,2-Dichloropropane	9.630	63	256864	56.872	ug/l	100
46) Dibromomethane	9.718	93	183474	56.770	ug/l	97
47) Bromodichloromethane	9.894	83	365179	59.019	ug/l	99
48) Methyl methacrylate	9.688	41	216510	52.275	ug/l	89
49) 1,4-Dioxane	9.700	88	91881	1174.539	ug/l	96
51) 4-Methyl-2-Pentanone	10.453	43	1396017	268.845	ug/l	93
52) Toluene	10.635	92	656118	59.520	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	371340	56.673	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	405878	56.210	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	254473	58.139	ug/l	98
56) Ethyl methacrylate	10.882	69	375679	56.766	ug/l	92
57) 1,3-Dichloropropane	11.171	76	428485	57.104	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.171	63	728418	223.730	ug/l	92
59) 2-Hexanone	11.200	43	973037	253.343	ug/l	92
60) Dibromochloromethane	11.365	129	276853	61.270	ug/l	100
61) 1,2-Dibromoethane	11.477	107	255784	58.578	ug/l	100
64) Tetrachloroethene	11.112	164	255550	65.600	ug/l	97
65) Chlorobenzene	11.900	112	693543	57.431	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.971	131	258684	61.908	ug/l	99
67) Ethyl Benzene	11.971	91	1261151	58.276	ug/l	99
68) m/p-Xylenes	12.076	106	971327	118.454	ug/l	98
69) o-Xylene	12.406	106	474198	58.802	ug/l	98
70) Styrene	12.418	104	759689	59.301	ug/l	98
71) Bromoform	12.588	173	167981	60.432	ug/l #	99
73) Isopropylbenzene	12.706	105	1223481	58.857	ug/l	99
74) N-amyl acetate	12.500	43	372185	48.439	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.947	83	340382	53.227	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	298046m	49.351	ug/l	
77) Bromobenzene	12.988	156	266690	56.219	ug/l	99
78) n-propylbenzene	13.041	91	1394451	56.900	ug/l	100
79) 2-Chlorotoluene	13.135	91	842539	57.615	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	1027851	58.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	93542	49.511	ug/l	90
82) 4-Chlorotoluene	13.229	91	792052	54.436	ug/l	97
83) tert-Butylbenzene	13.447	119	859064	56.325	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1020086	59.368	ug/l	98
85) sec-Butylbenzene	13.623	105	1184830	54.661	ug/l	100
86) p-Isopropyltoluene	13.735	119	976092	56.485	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	487591	55.579	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	472468	54.272	ug/l	100
89) n-Butylbenzene	14.065	91	791522	49.799	ug/l	98
90) Hexachloroethane	14.341	117	162718	57.319	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	479115	58.459	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	56861	45.927	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	202009	42.179	ug/l	98
94) Hexachlorobutadiene	15.512	225	80339	40.401	ug/l	98
95) Naphthalene	15.647	128	634870	38.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	206835	44.108	ug/l	96

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VSTDCCC050

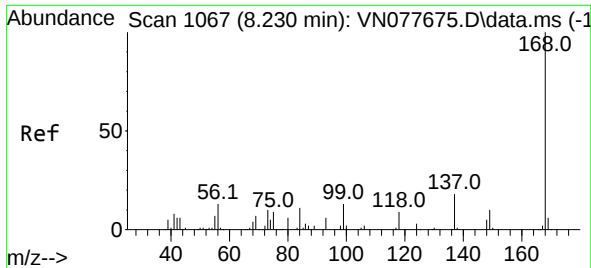
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/30/2023

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

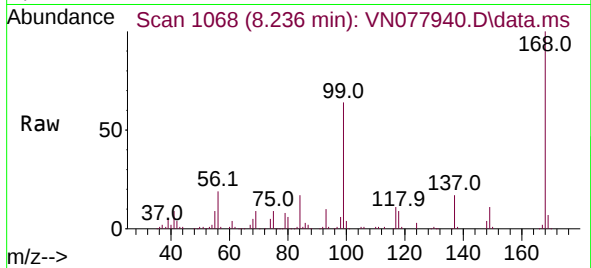
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

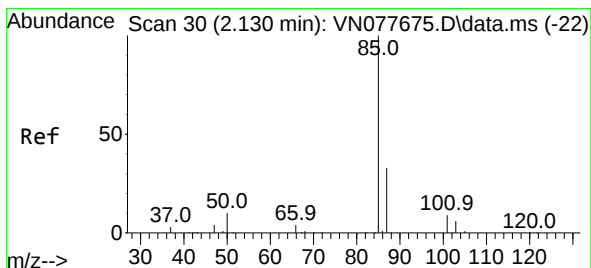
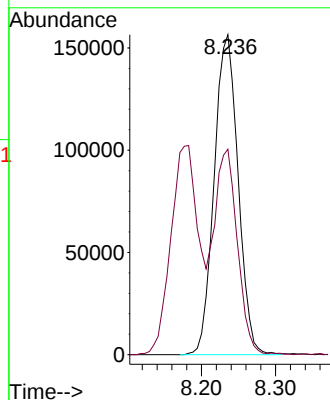
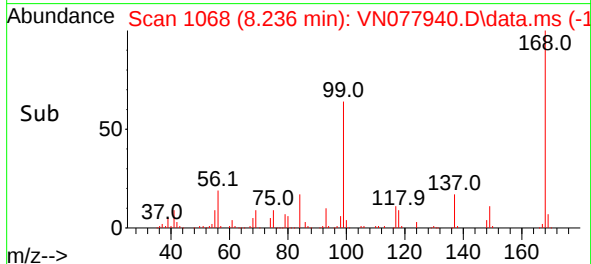
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 350410
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6

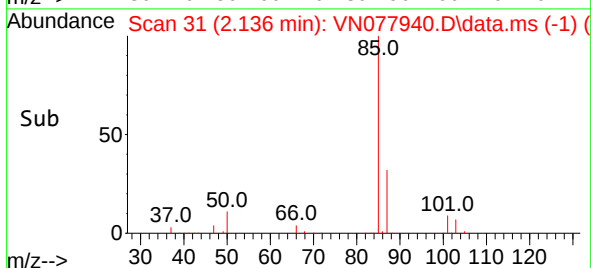
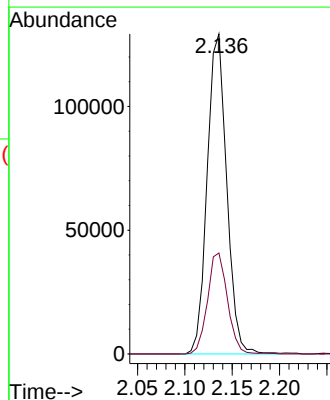
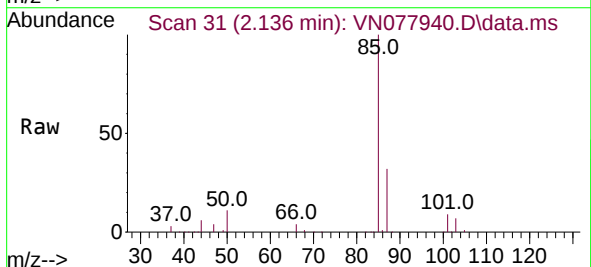
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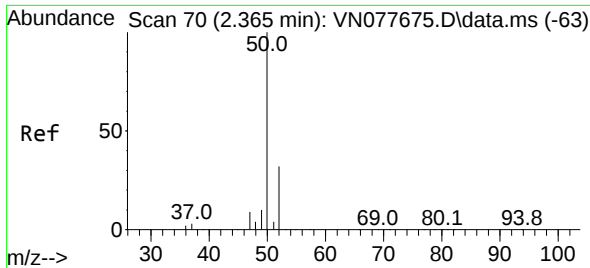
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#2
Dichlorodifluoromethane
Concen: 46.428 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

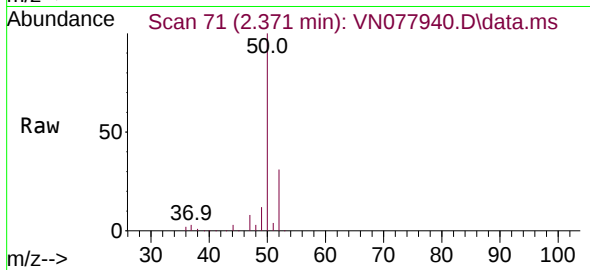
Tgt Ion: 85 Resp: 185154
Ion Ratio Lower Upper
85 100
87 31.6 15.8 47.4





#3
Chloromethane
Concen: 48.346 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

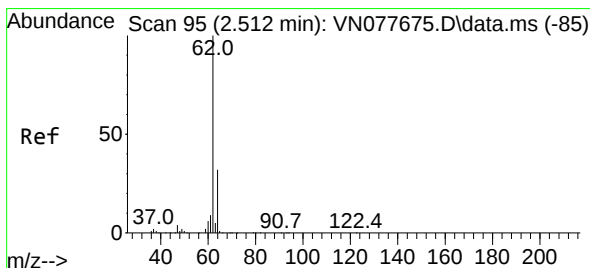
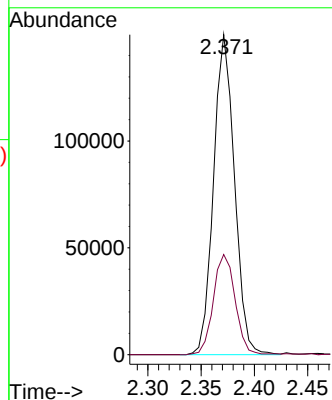
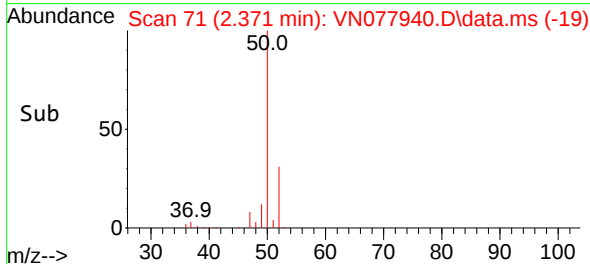
Instrument :
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Tgt Ion: 50 Resp: 204670
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

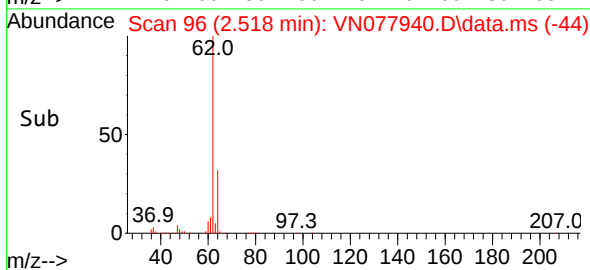
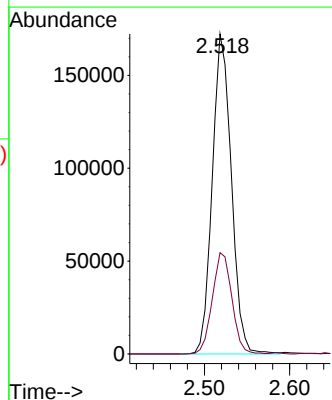
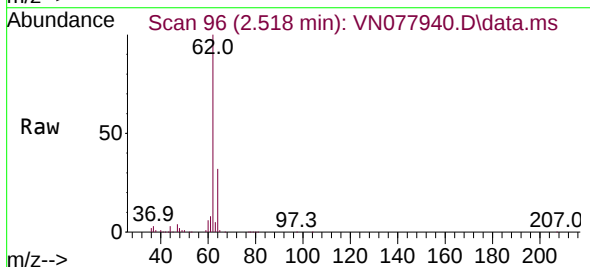
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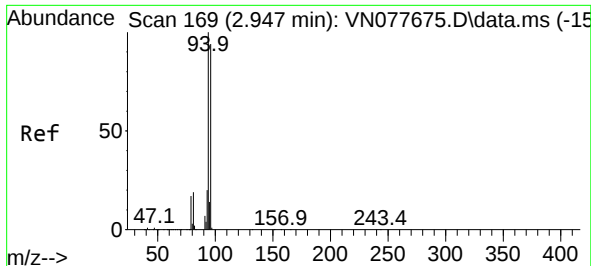
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#4
Vinyl Chloride
Concen: 53.303 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

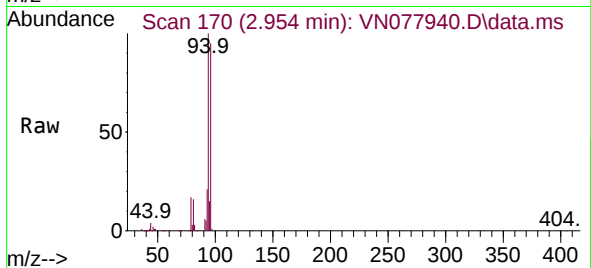
Tgt Ion: 62 Resp: 268006
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2





#5
Bromomethane
Concen: 52.466 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

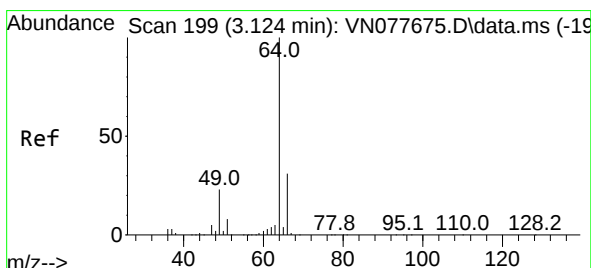
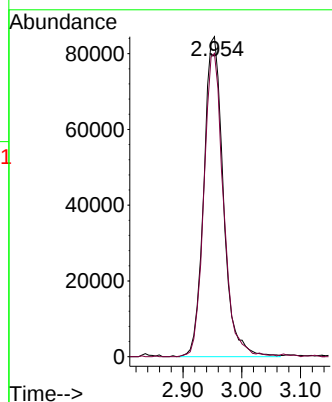
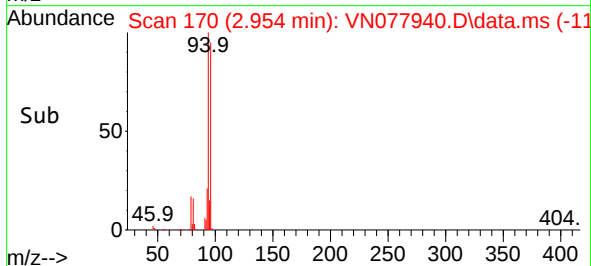
Instrument :
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Tgt Ion: 94 Resp: 195100
Ion Ratio Lower Upper
94 100
96 94.6 73.1 109.7

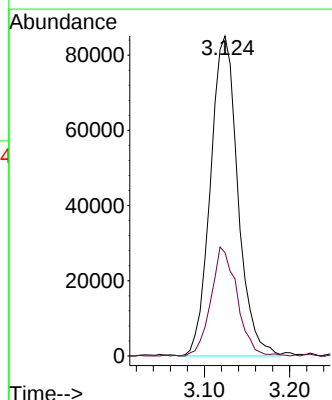
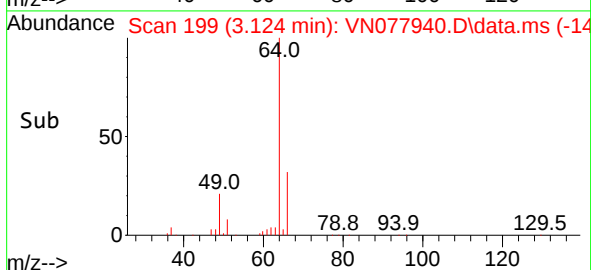
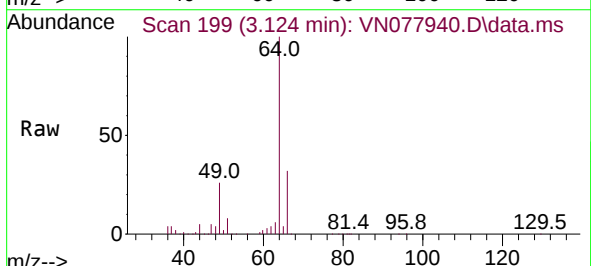
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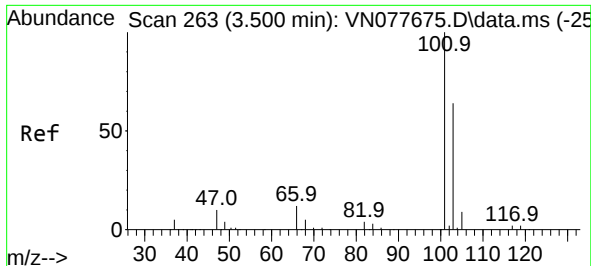
Reviewed By :John Carlone 05/30/2023
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#6
Chloroethane
Concen: 52.547 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN077940.D
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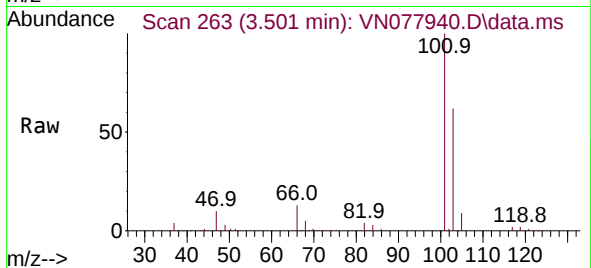
Tgt Ion: 64 Resp: 190406
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 53.463 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

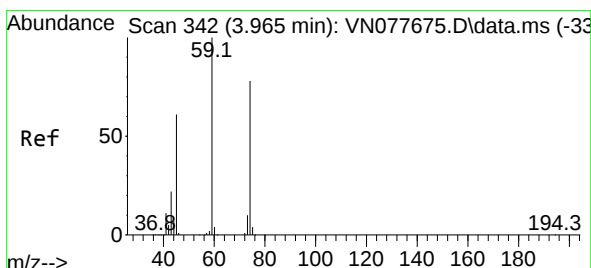
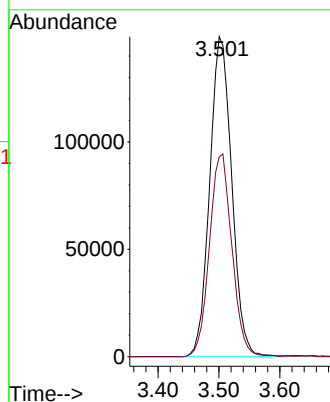
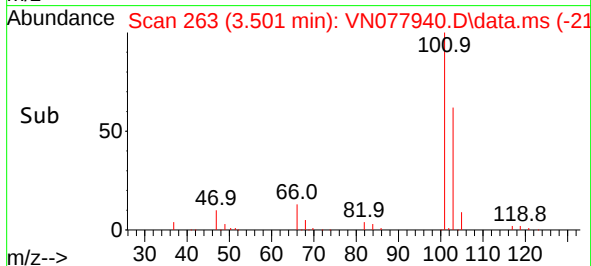
Instrument :
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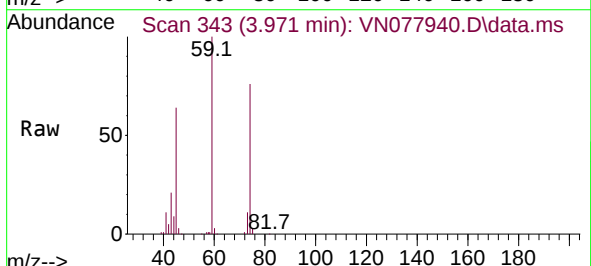
Tgt Ion:101 Resp: 374624
Ion Ratio Lower Upper
101 100
103 62.5 50.7 76.1

Manual Integrations
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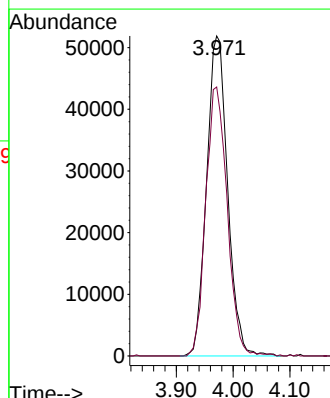
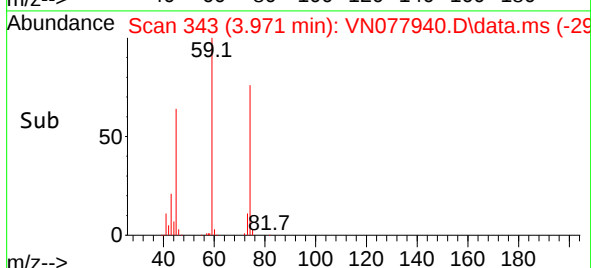
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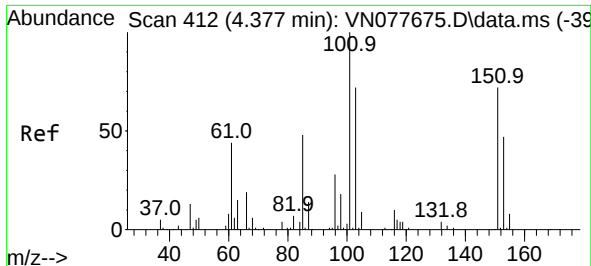


#8
Diethyl Ether
Concen: 52.070 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



Tgt Ion: 74 Resp: 133198
Ion Ratio Lower Upper
74 100
45 85.8 34.4 103.3





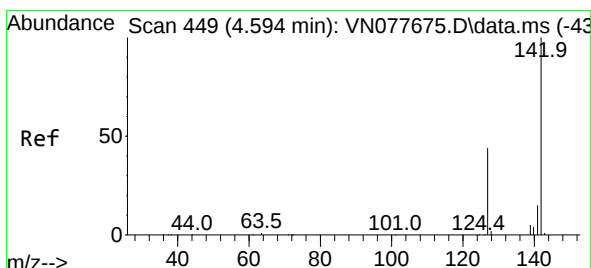
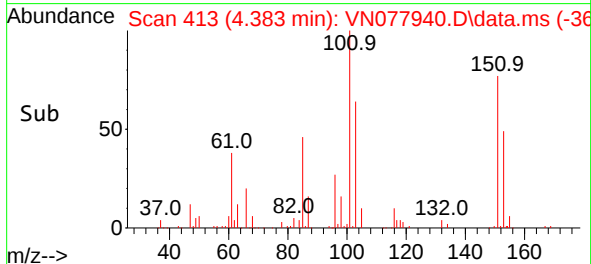
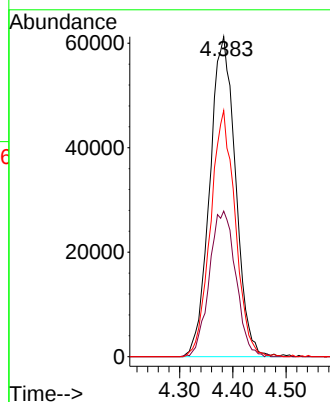
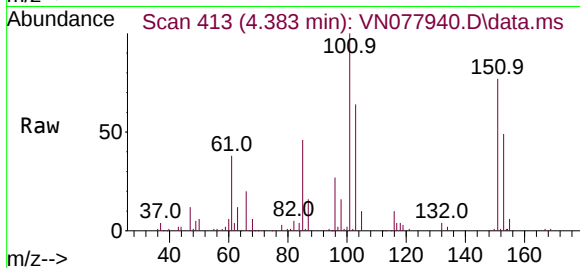
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.035 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 205659
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 73.8 57.6 86.4

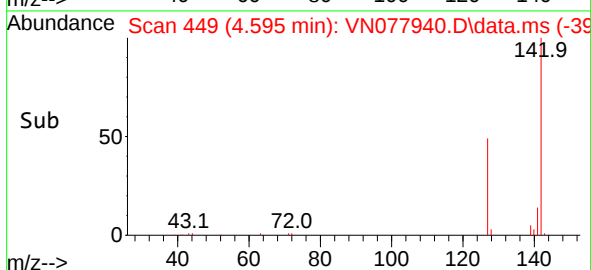
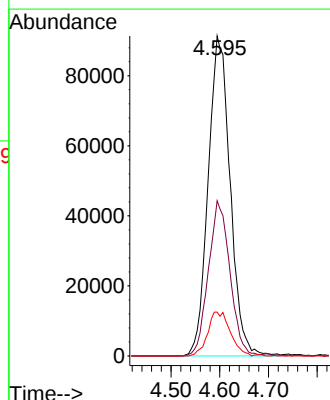
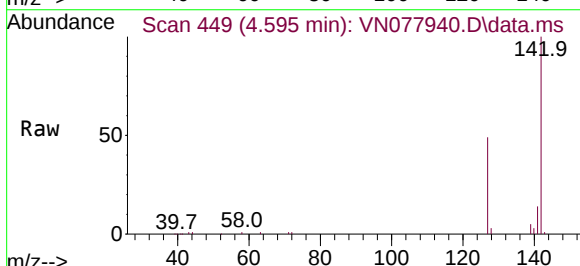
Manual Integrations
APPROVED

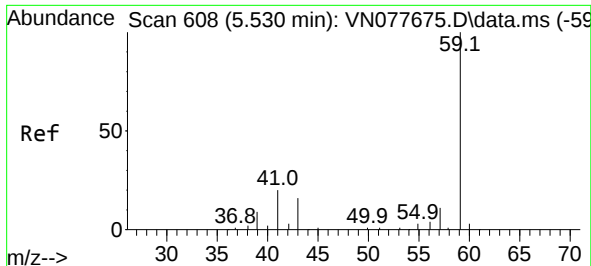
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#10
Methyl Iodide
Concen: 61.932 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

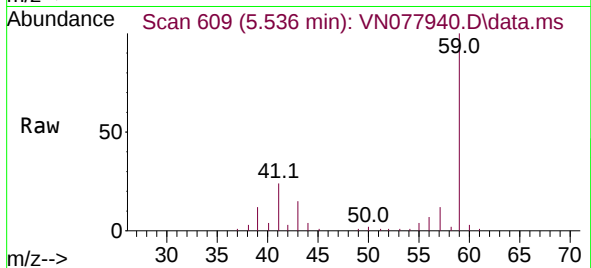
Tgt Ion:142 Resp: 286412
Ion Ratio Lower Upper
142 100
127 48.5 37.6 56.4
141 13.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 244.835 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

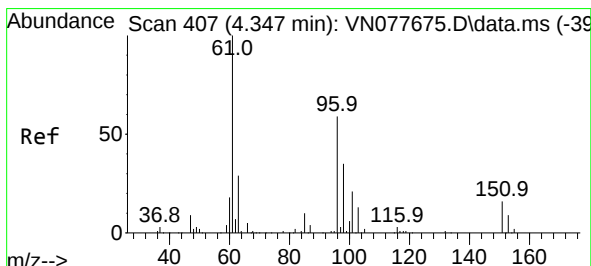
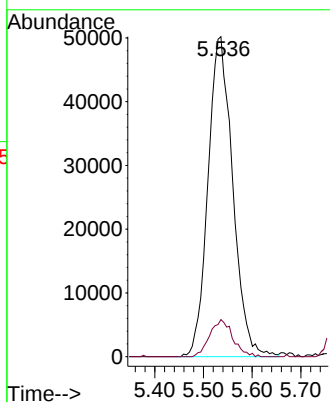
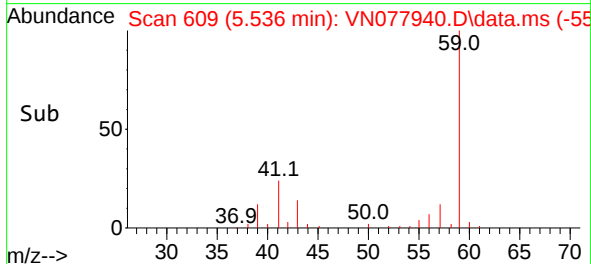
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



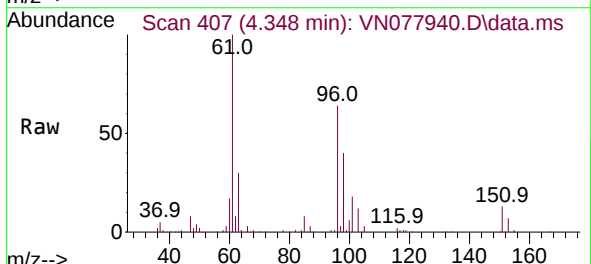
Tgt Ion: 59 Resp: 17716
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

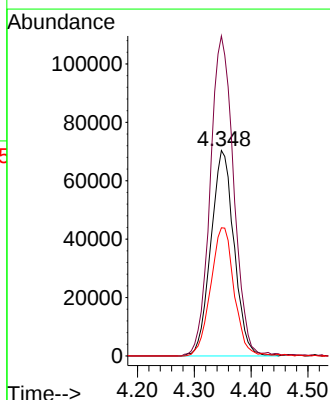
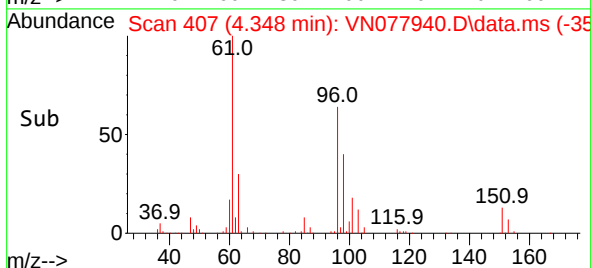
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

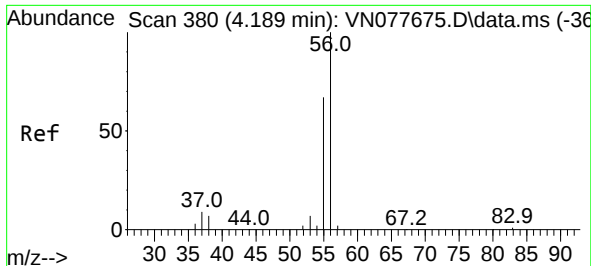


#12
1,1-Dichloroethene
Concen: 54.112 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



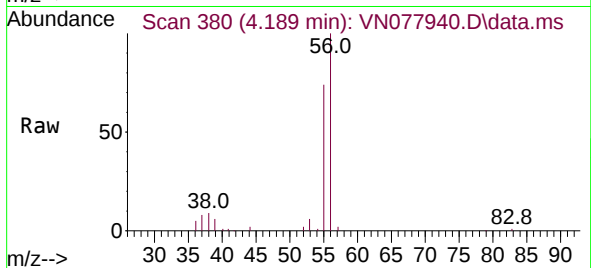
Tgt Ion: 96 Resp: 199435
Ion Ratio Lower Upper
96 100
61 155.8 112.7 169.1
98 62.4 51.2 76.8





#13
Acrolein
Concen: 229.670 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

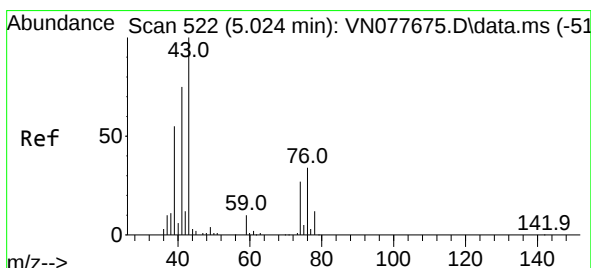
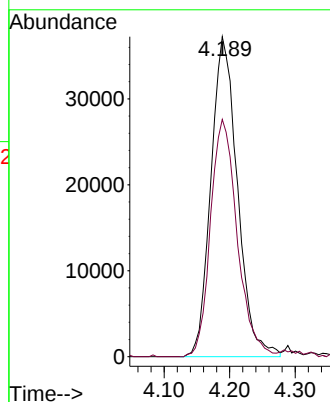
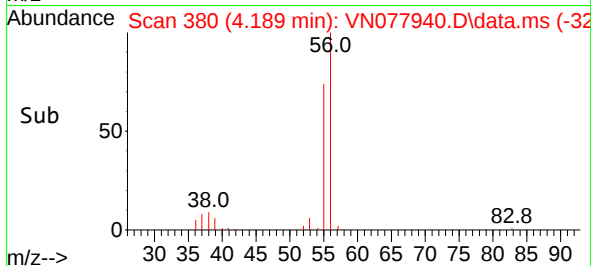
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10444
Ion Ratio Lower Upper
56 100
55 74.7 54.5 81.7

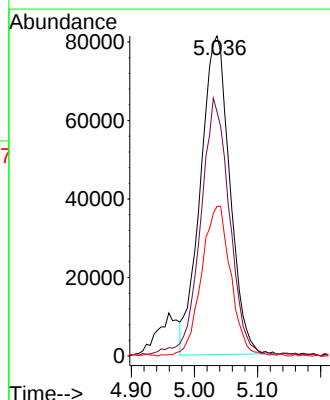
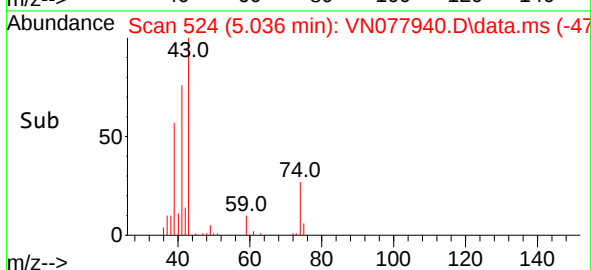
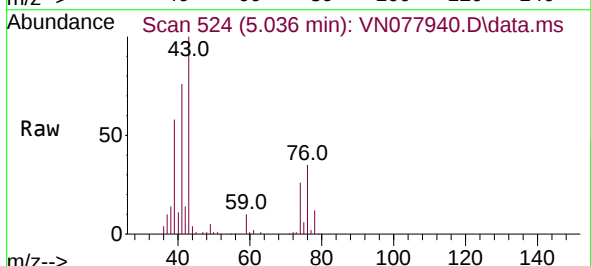
Manual Integrations
APPROVED

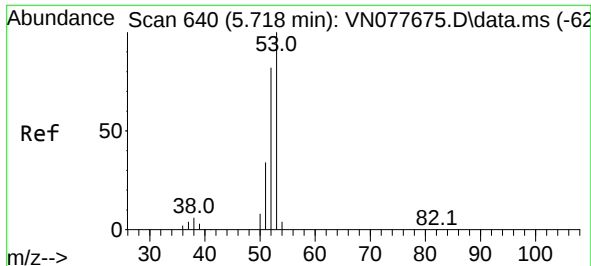
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#14
Allyl chloride
Concen: 48.413 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

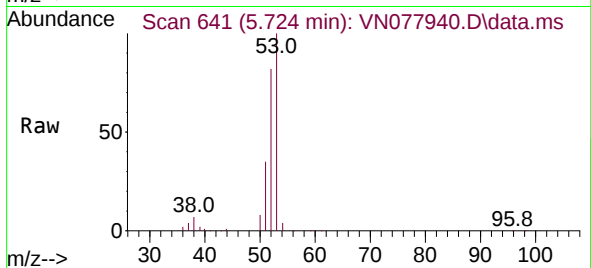
Tgt Ion: 41 Resp: 262125
Ion Ratio Lower Upper
41 100
39 81.0 58.8 88.2
76 46.9 39.1 58.7





#15
Acrylonitrile
Concen: 255.599 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

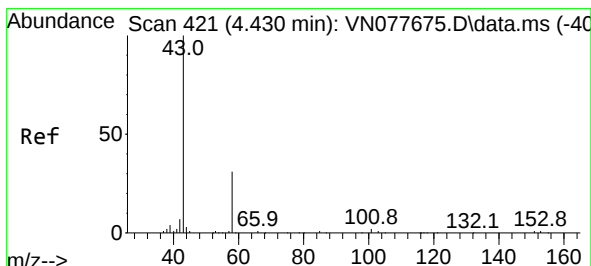
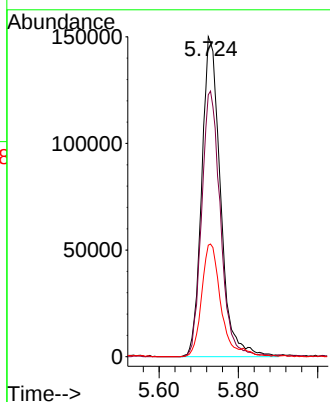
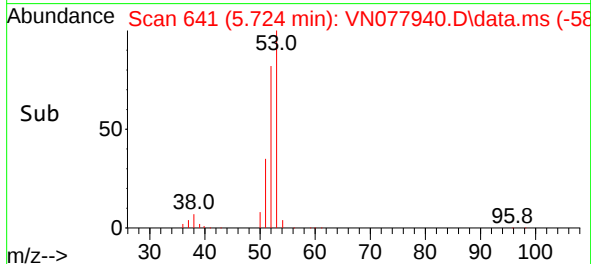
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



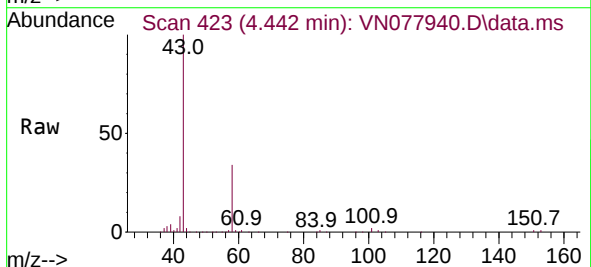
Tgt Ion: 53 Resp: 494120
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.4 28.9 43.3

Manual Integrations
APPROVED

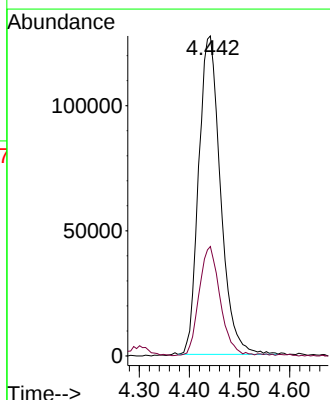
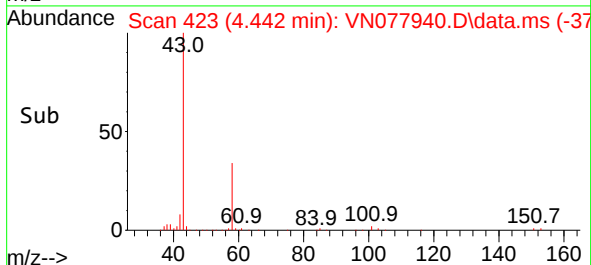
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

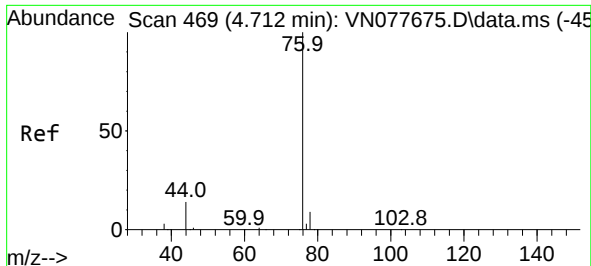


#16
Acetone
Concen: 233.404 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



Tgt Ion: 43 Resp: 385012
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0





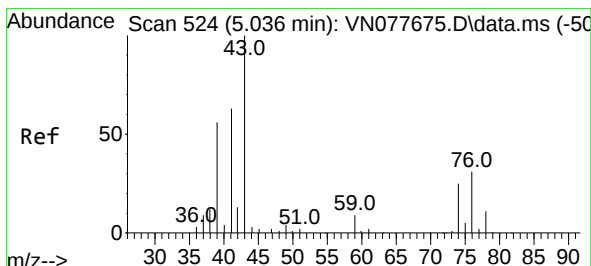
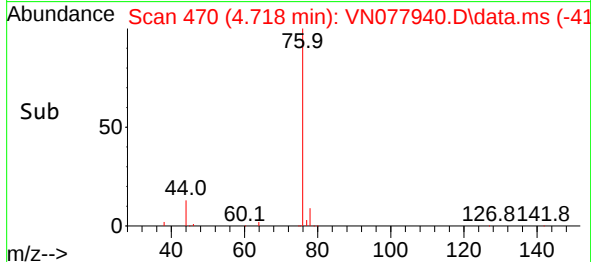
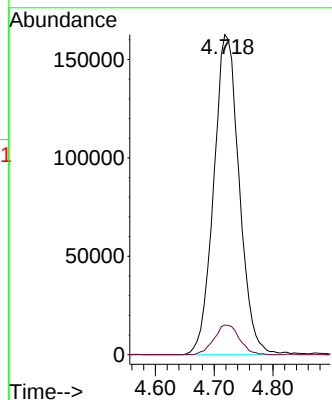
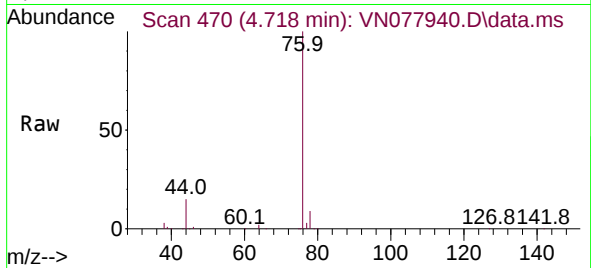
#17
Carbon Disulfide
Concen: 49.282 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 48939
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

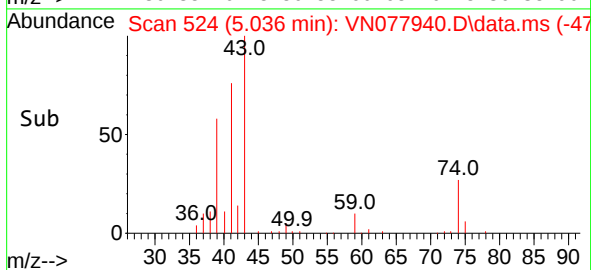
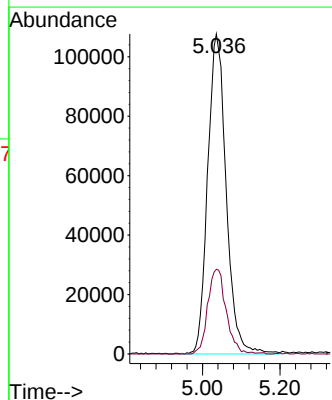
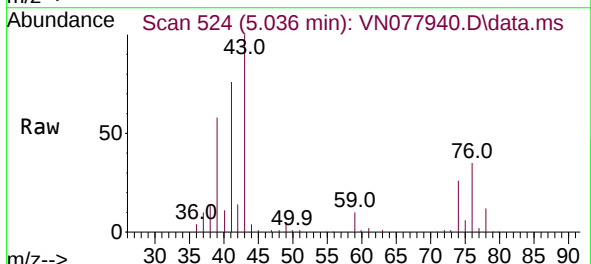
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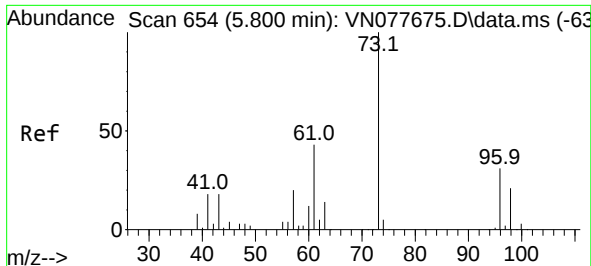
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#18
Methyl Acetate
Concen: 51.570 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion: 43 Resp: 356873
Ion Ratio Lower Upper
43 100
74 26.3 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 53.293 ug/l

RT: 5.806 min Scan# 610

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 710950

Ion Ratio Lower Upper

73 100

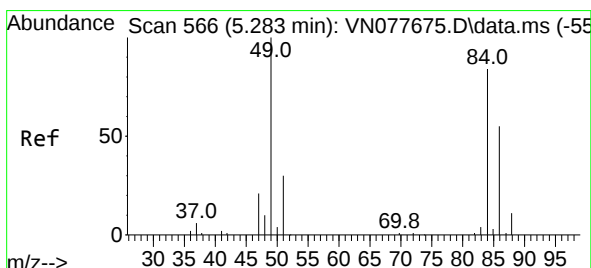
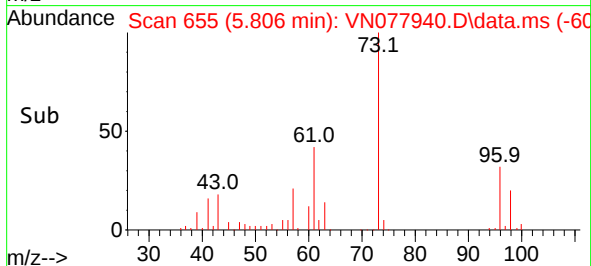
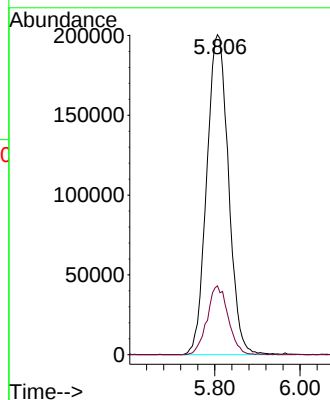
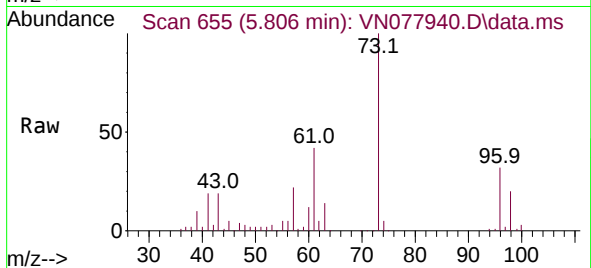
57 21.5 15.6 23.4

Manual Integrations

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Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#20

Methylene Chloride

Concen: 59.413 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Tgt Ion: 84 Resp: 253492

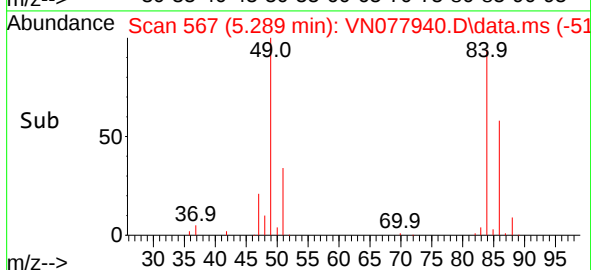
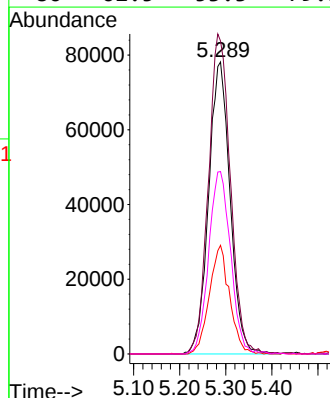
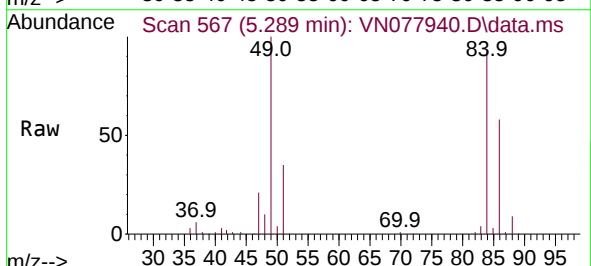
Ion Ratio Lower Upper

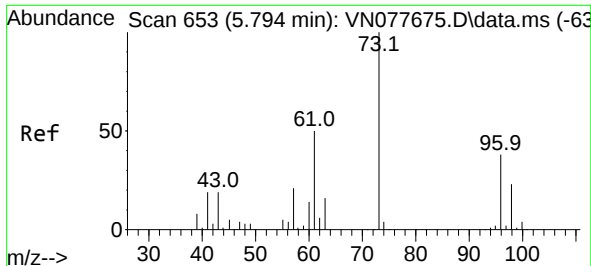
84 100

49 107.2 79.7 119.5

51 37.2 25.2 37.8

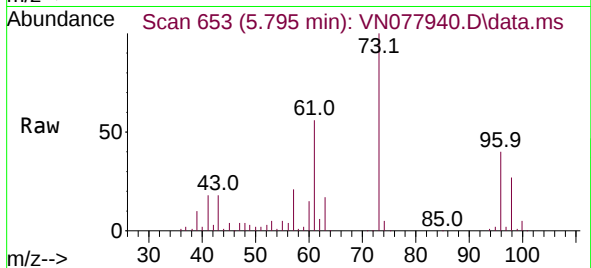
86 62.5 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 54.776 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

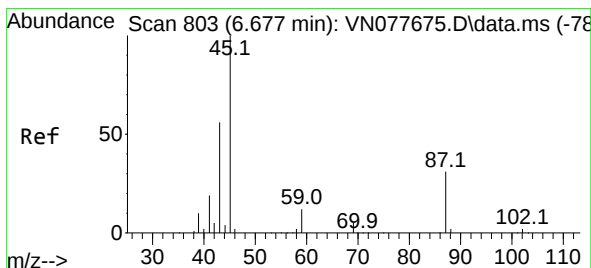
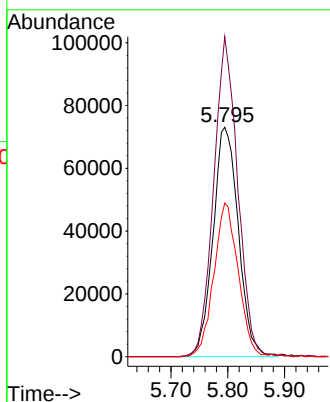
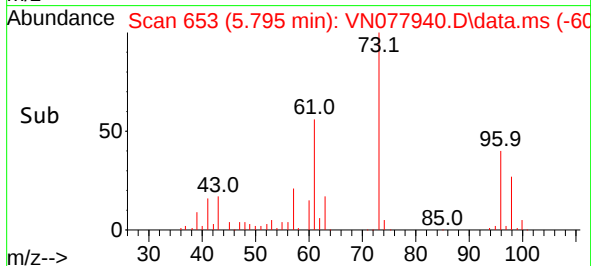
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



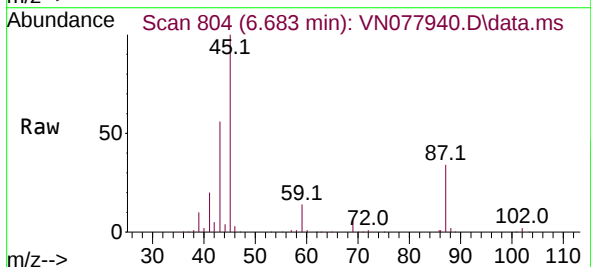
Tgt Ion: 96 Resp: 226775
Ion Ratio Lower Upper
96 100
61 139.5 90.1 135.1
98 66.9 46.4 69.6

Manual Integrations
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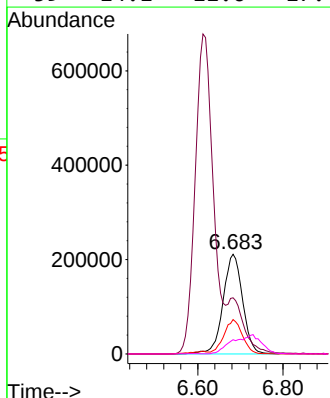
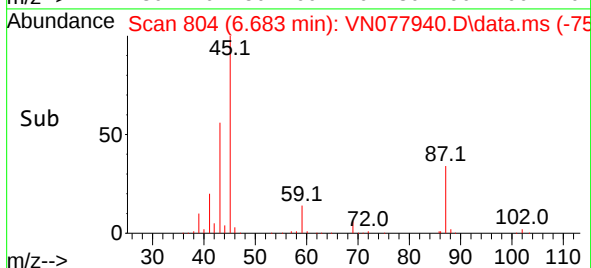
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

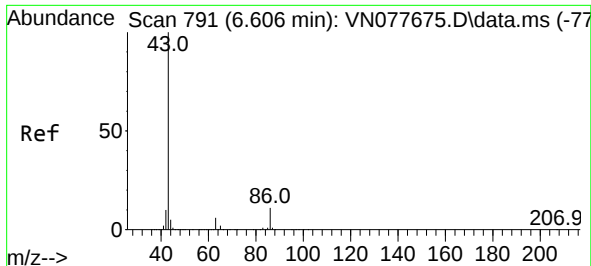


#22
Diisopropyl ether
Concen: 52.989 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



Tgt Ion: 45 Resp: 672475
Ion Ratio Lower Upper
45 100
43 55.3 45.5 68.3
87 34.5 31.8 47.8
59 14.1 11.6 17.4





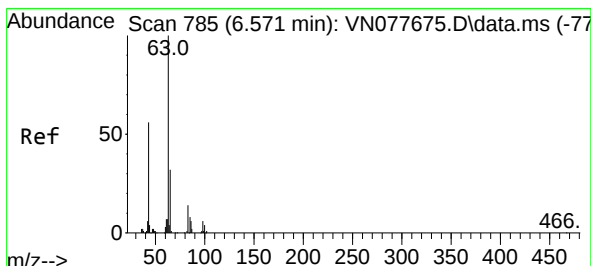
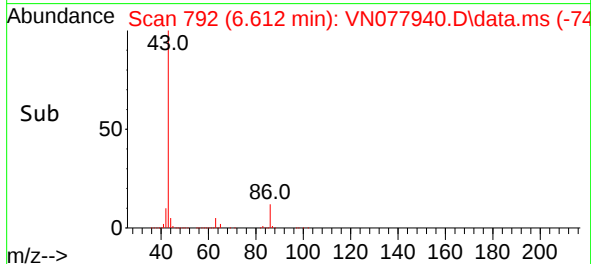
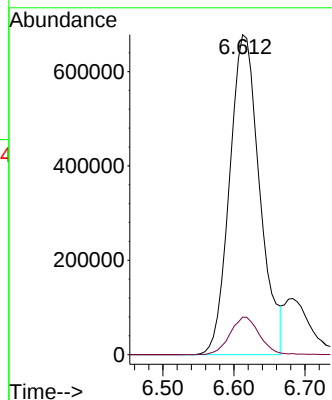
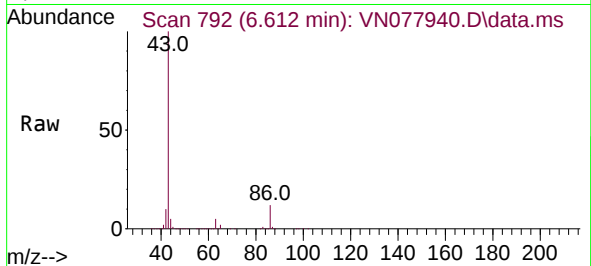
#23
 Vinyl Acetate
 Concen: 254.131 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN077940.D
 Acq: 26 May 2023 21:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1998210
 Ion Ratio Lower Upper
 43 100
 86 11.7 13.0 19.6

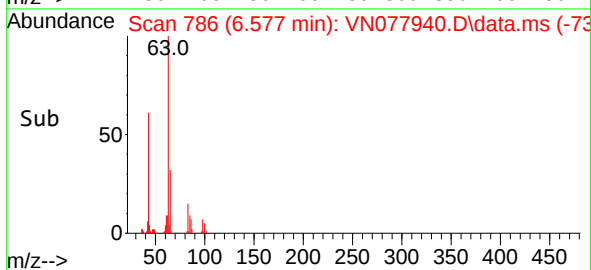
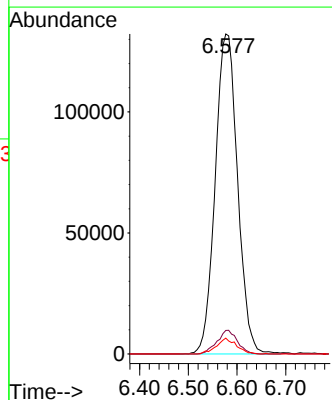
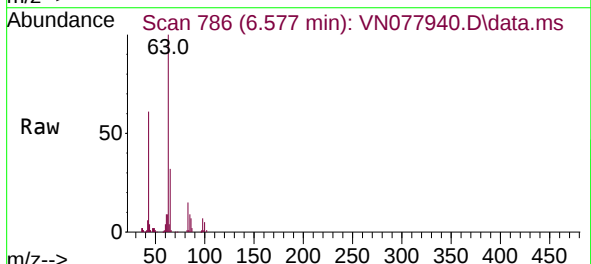
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023



#24
 1,1-Dichloroethane
 Concen: 54.218 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN077940.D
 Acq: 26 May 2023 21:28

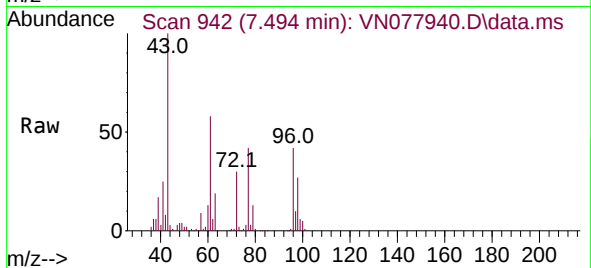
Tgt Ion: 63 Resp: 421538
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 239.556 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

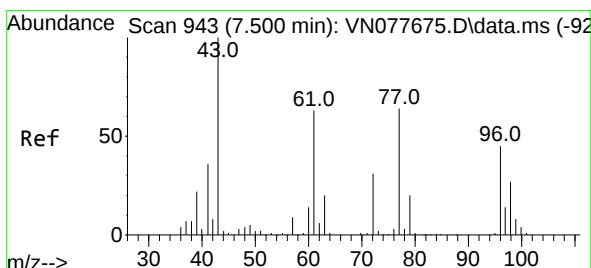
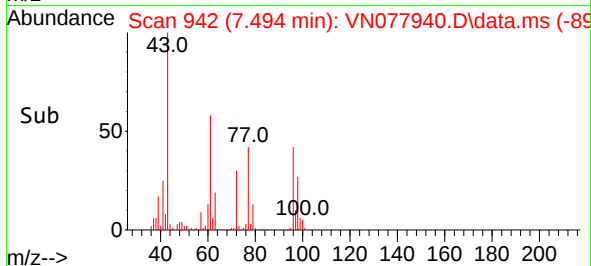
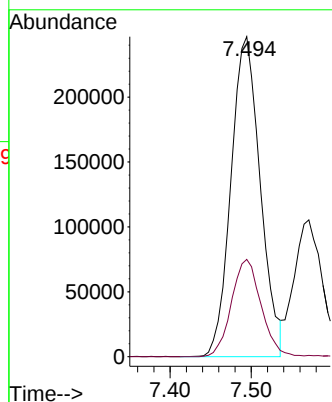
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 618150
Ion Ratio Lower Upper
43 100
72 30.4 30.2 45.2

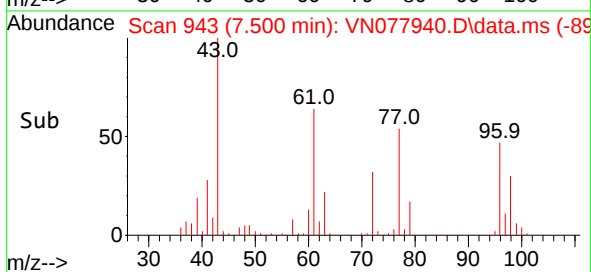
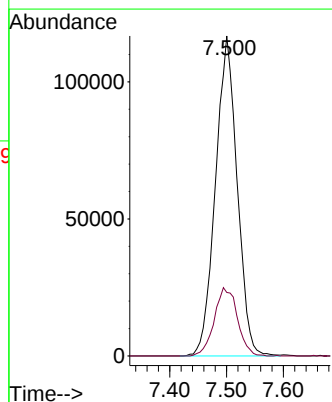
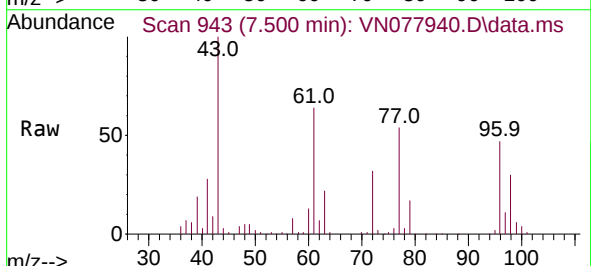
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#26
2,2-Dichloropropane
Concen: 46.835 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion: 77 Resp: 309361
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6





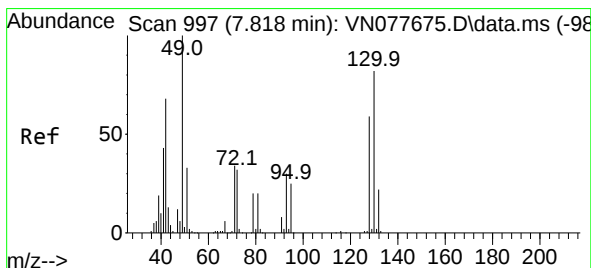
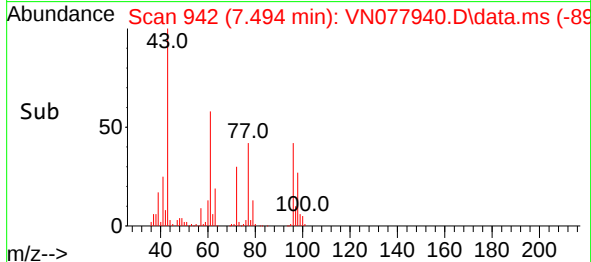
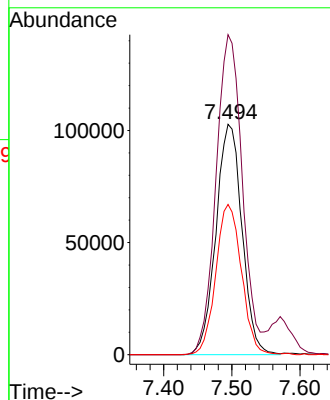
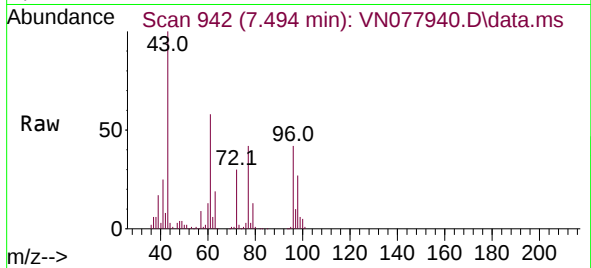
#27
cis-1,2-Dichloroethene
Concen: 55.041 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 27322
Ion Ratio Lower Upper
96 100
61 141.0 0.0 255.2
98 64.2 0.0 128.8

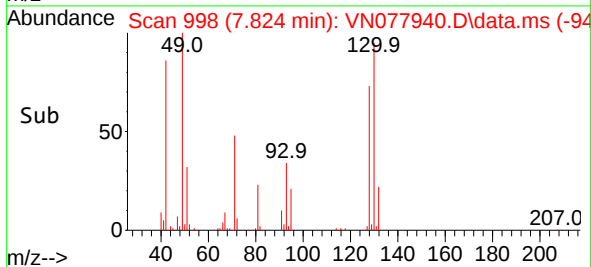
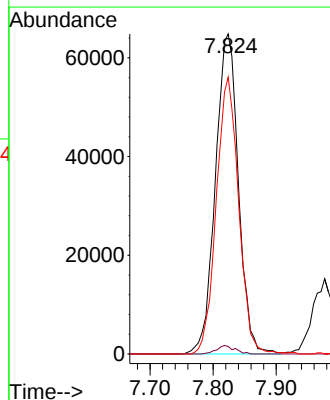
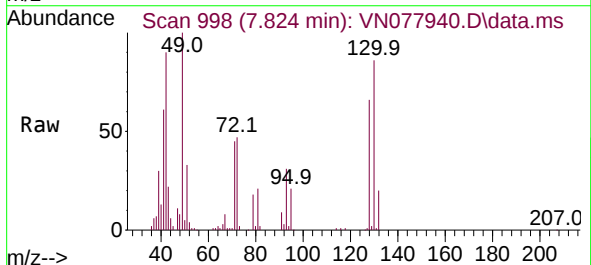
Manual Integrations
APPROVED

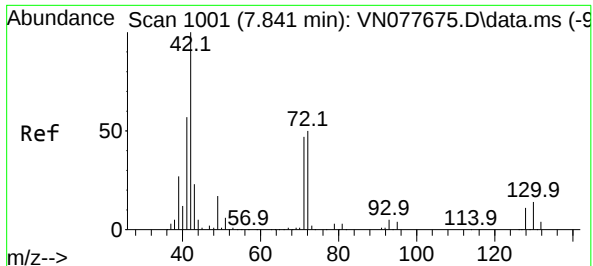
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#28
Bromochloromethane
Concen: 48.888 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion: 49 Resp: 164385
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.8
130 84.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 248.980 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 42068

Ion Ratio Lower Upper

42 100

72 49.5 49.8 74.6

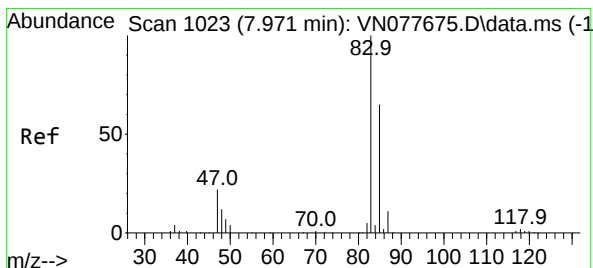
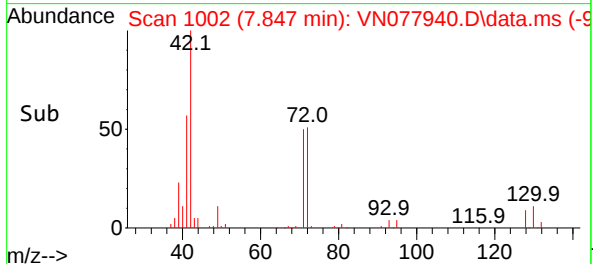
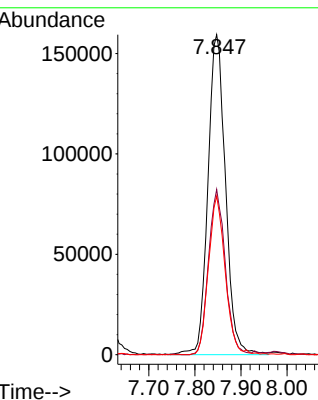
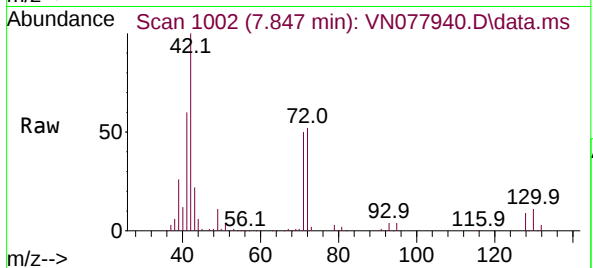
71 47.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#30

Chloroform

Concen: 54.206 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN077940.D

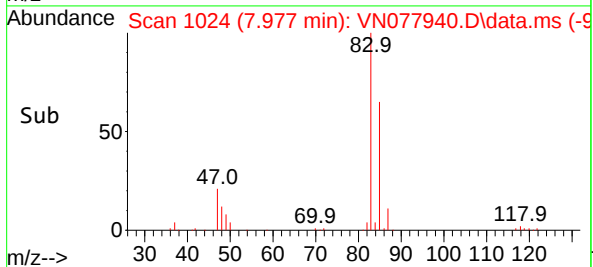
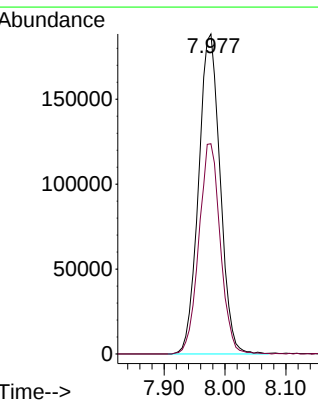
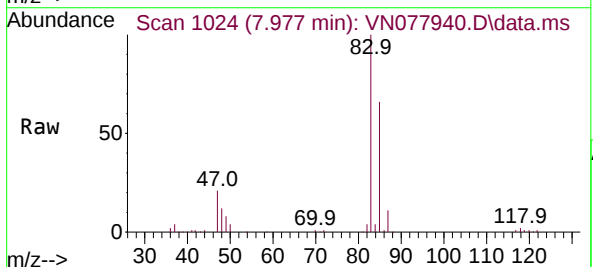
Acq: 26 May 2023 21:28

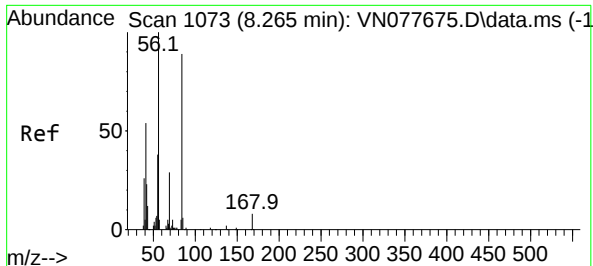
Tgt Ion: 83 Resp: 463609

Ion Ratio Lower Upper

83 100

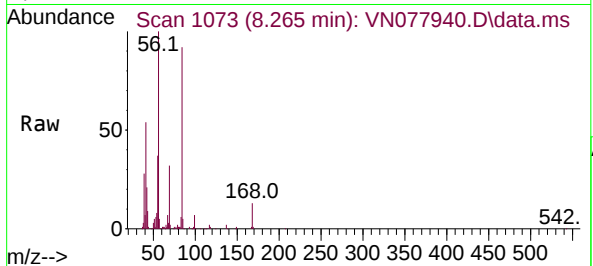
85 65.7 55.4 83.0





#31
Cyclohexane
Concen: 50.083 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

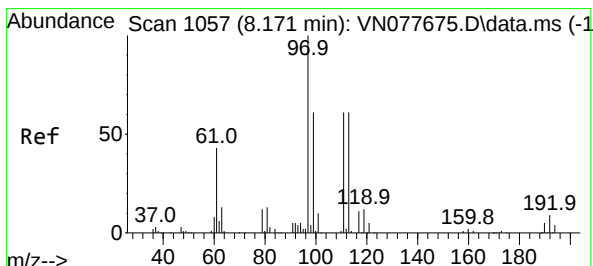
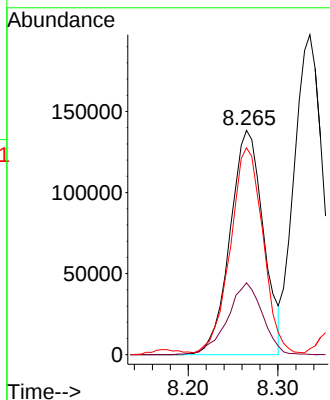
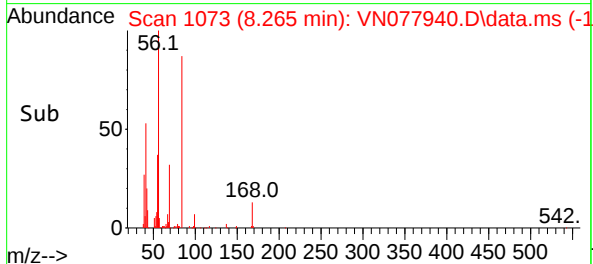
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



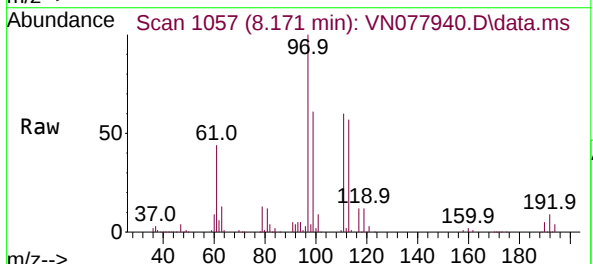
Tgt Ion: 56 Resp: 35689
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 90.4 81.8 122.6

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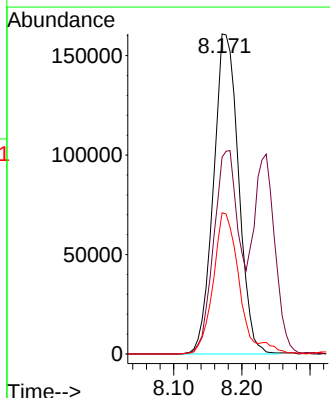
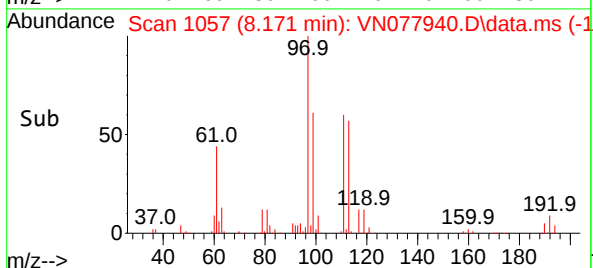
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

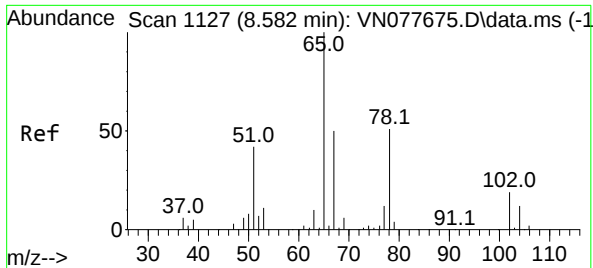


#32
1,1,1-Trichloroethane
Concen: 56.629 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



Tgt Ion: 97 Resp: 411774
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 46.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.704 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 265840

Ion Ratio Lower Upper

65 100

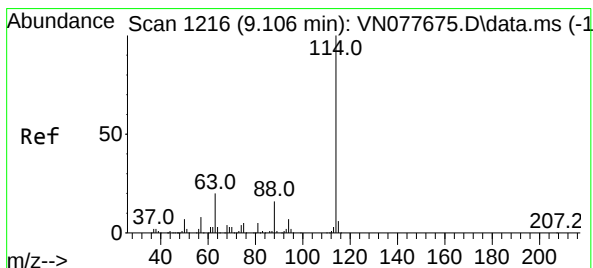
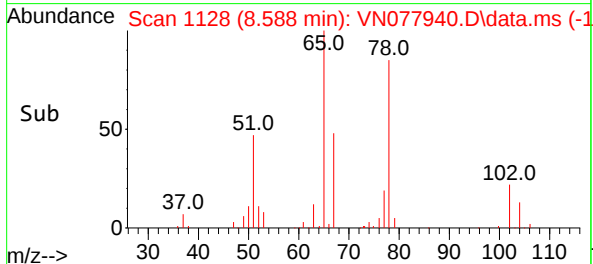
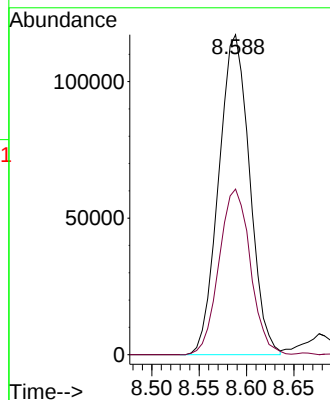
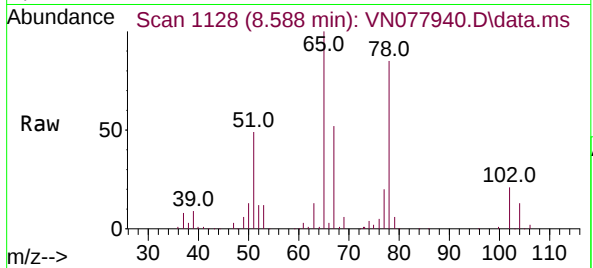
67 52.5 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

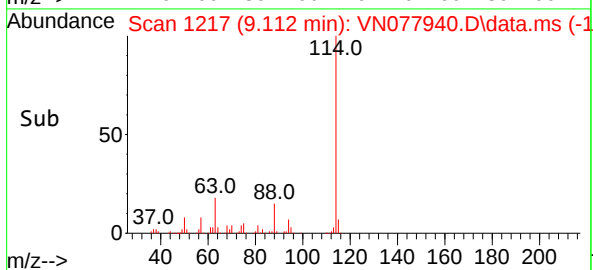
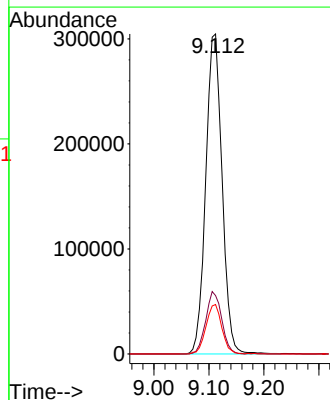
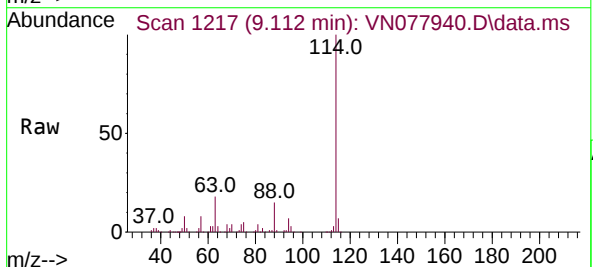
Tgt Ion:114 Resp: 629118

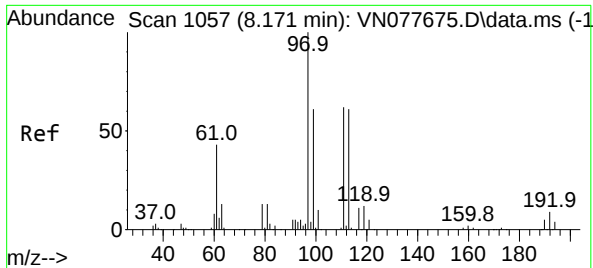
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

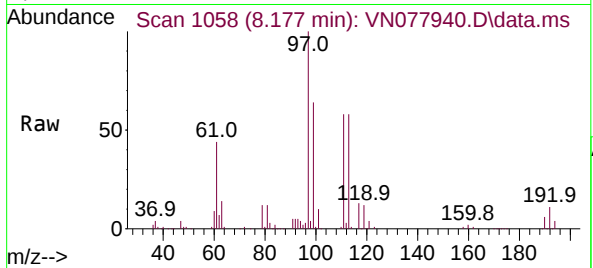
88 15.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.641 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

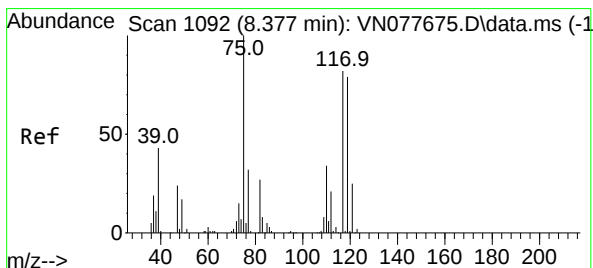
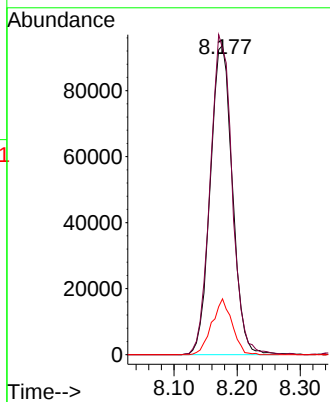
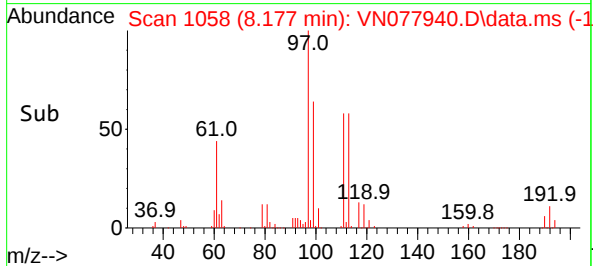
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 22826
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.5 12.7 19.1

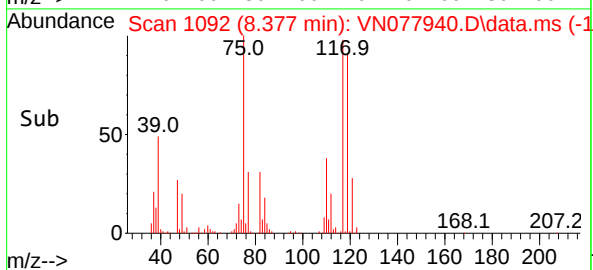
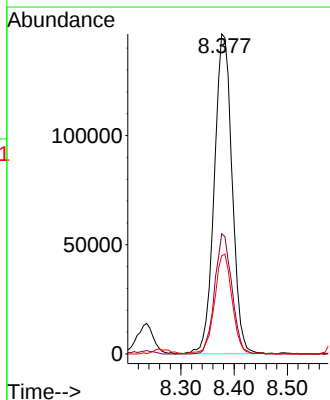
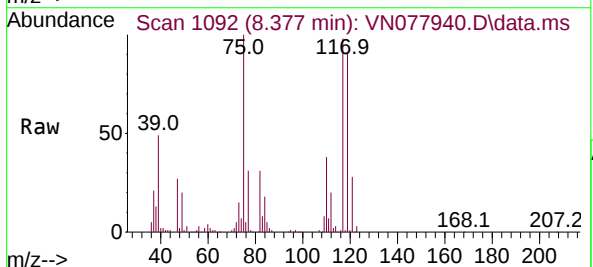
Manual Integrations
APPROVED

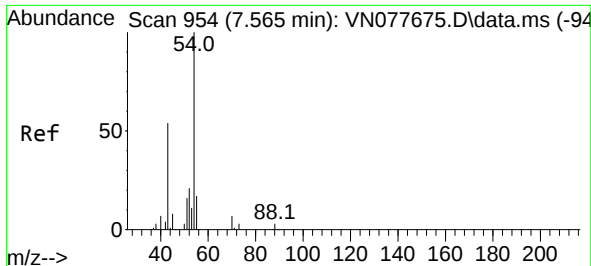
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#36
1,1-Dichloropropene
Concen: 56.638 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion: 75 Resp: 339849
Ion Ratio Lower Upper
75 100
110 36.2 19.1 57.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 50.135 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 268134

Ion Ratio Lower Upper

43 100

61 13.4 13.2 19.8

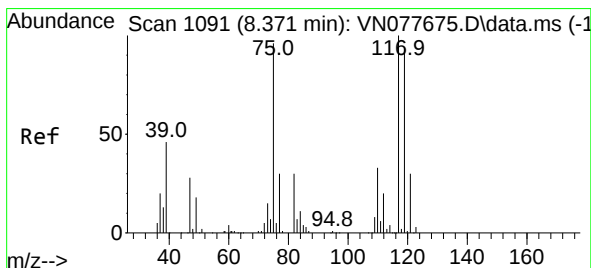
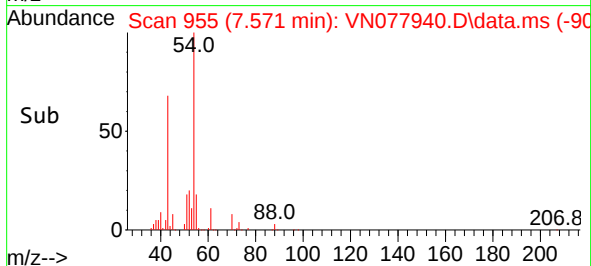
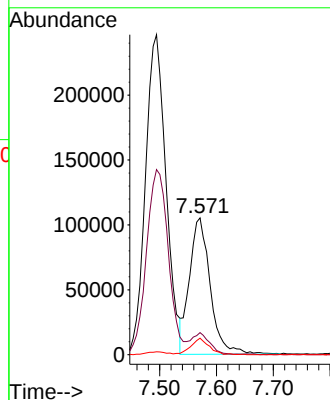
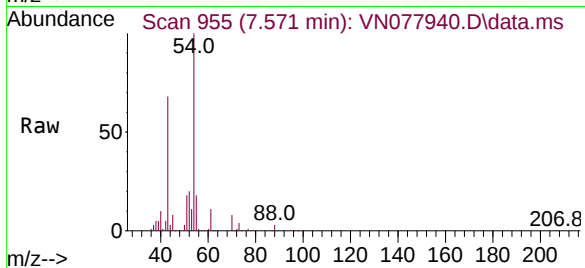
70 9.8 11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#38

Carbon Tetrachloride

Concen: 60.144 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

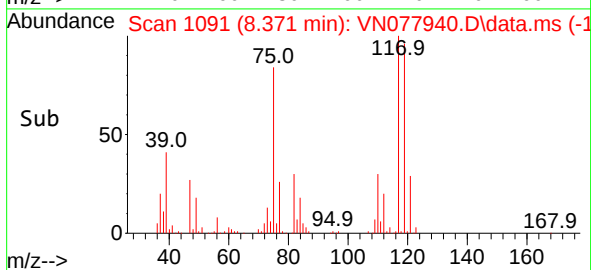
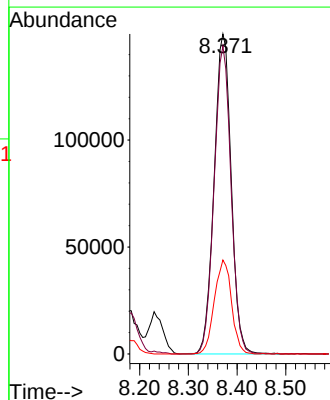
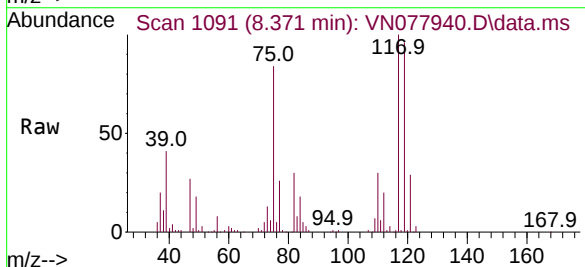
Tgt Ion:117 Resp: 364423

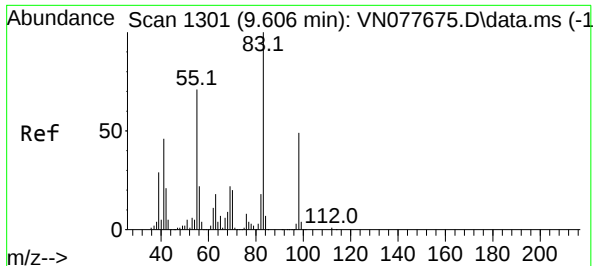
Ion Ratio Lower Upper

117 100

119 96.2 77.3 115.9

121 29.3 23.3 34.9





#39

Methylcyclohexane

Concen: 51.422 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

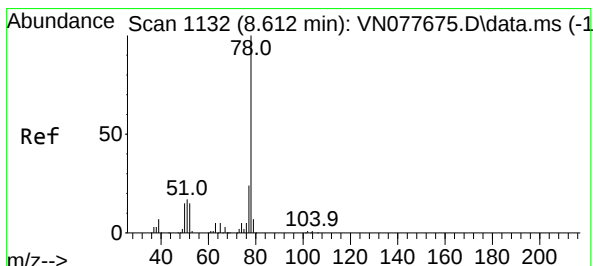
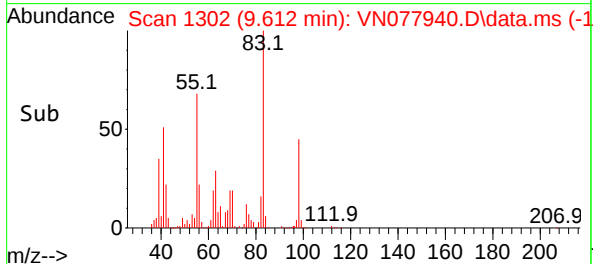
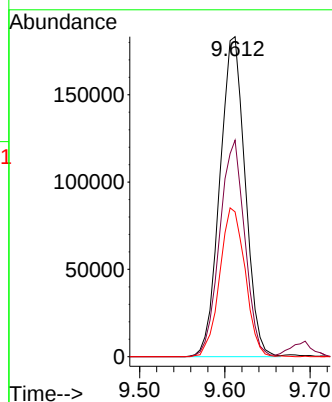
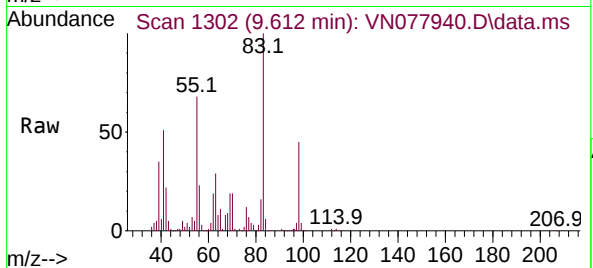
Tgt Ion:	83	Resp:	377748
Ion	Ratio	Lower	Upper
83	100		
55	67.7	49.1	73.7
98	45.3	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#40

Benzene

Concen: 57.293 ug/l

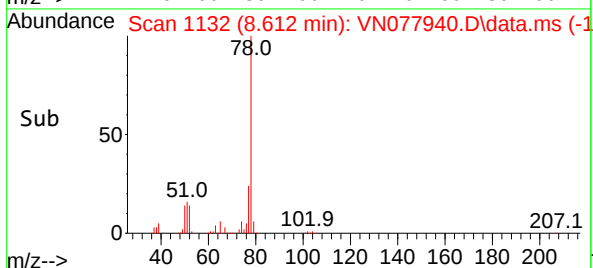
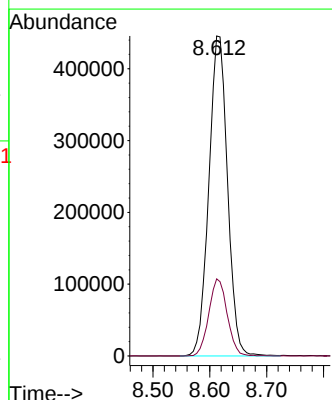
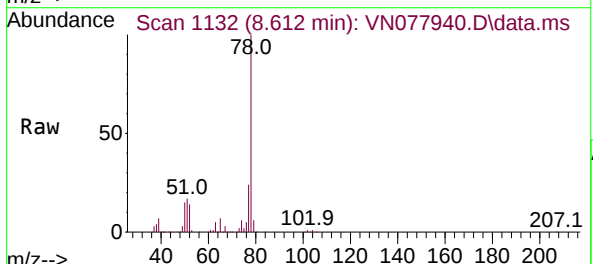
RT: 8.612 min Scan# 1132

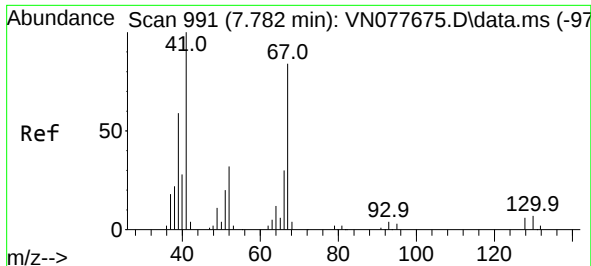
Delta R.T. -0.000 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Tgt Ion:	78	Resp:	1014482
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.6





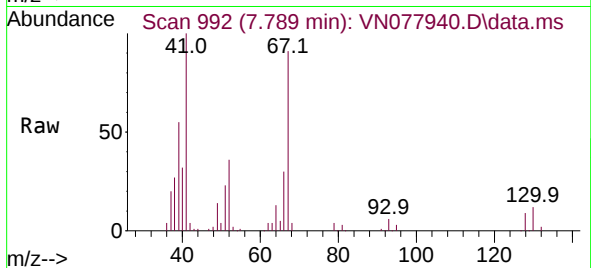
#41
Methacrylonitrile
Concen: 48.820 ug/l
RT: 7.789 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



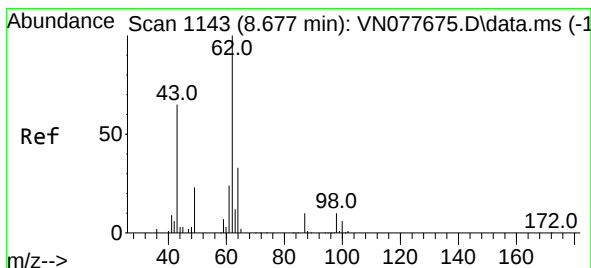
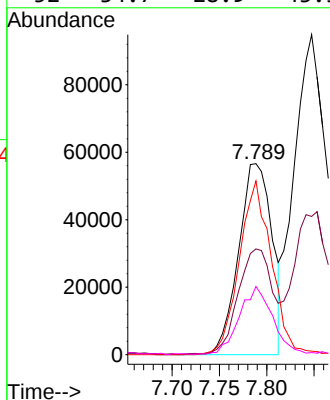
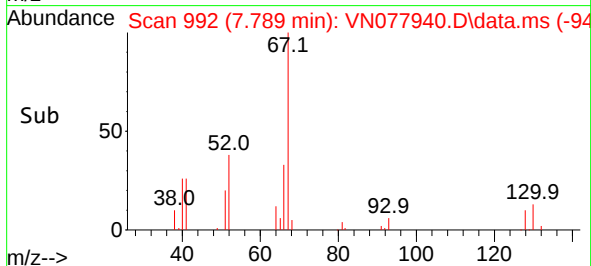
Tgt Ion: 41 Resp: 139052
Ion Ratio Lower Upper
41 100
39 56.6 42.6 64.0
67 87.8 77.5 116.3
52 34.7 28.9 43.3

Manual Integrations

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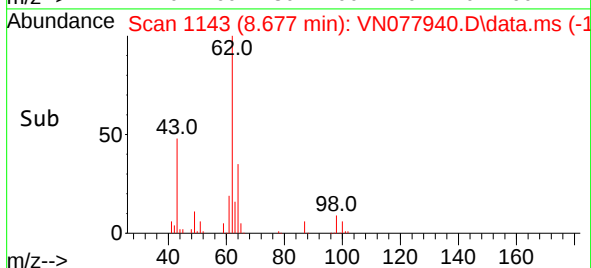
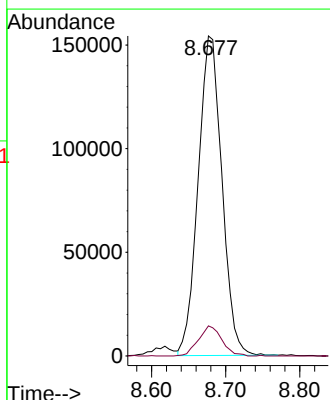
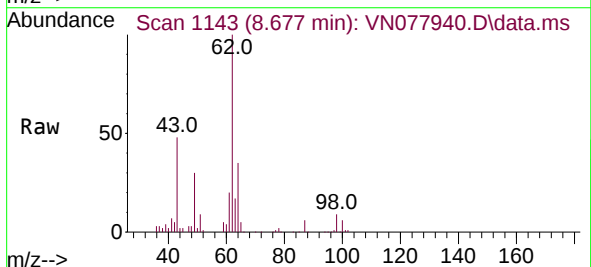
Reviewed By :John Carlone 05/30/2023

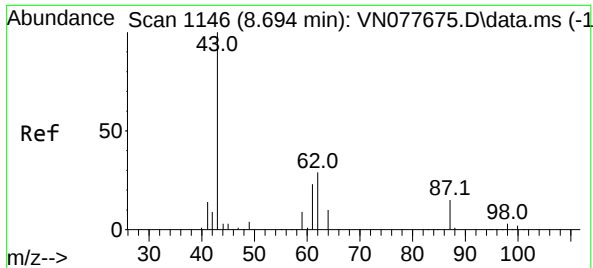
Supervised By :Mahesh Dadoda 05/30/2023



#42
1,2-Dichloroethane
Concen: 53.445 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion: 62 Resp: 343770
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 52.255 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 45649

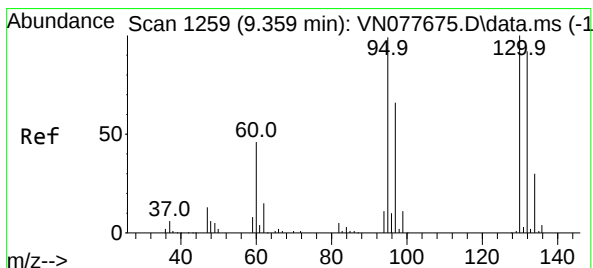
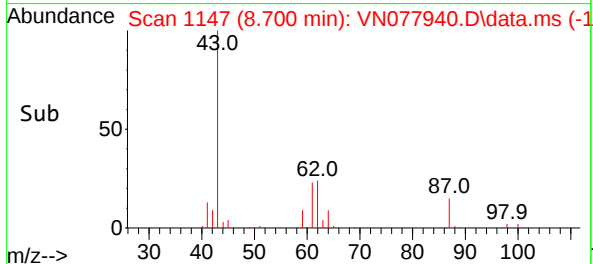
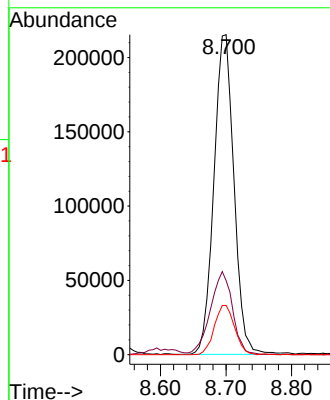
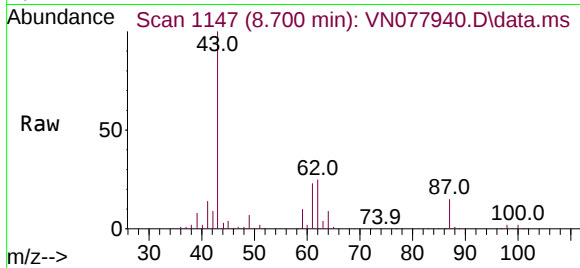
Ion	Ratio	Lower	Upper
43	100		
61	28.5	24.7	37.1
87	15.6	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#44

Trichloroethene

Concen: 59.163 ug/l

RT: 9.359 min Scan# 1259

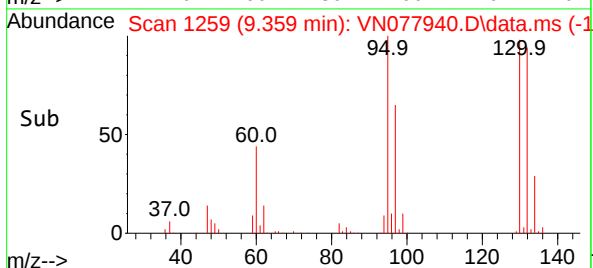
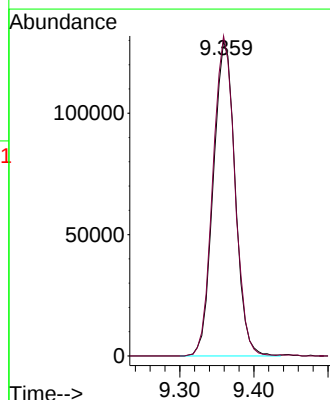
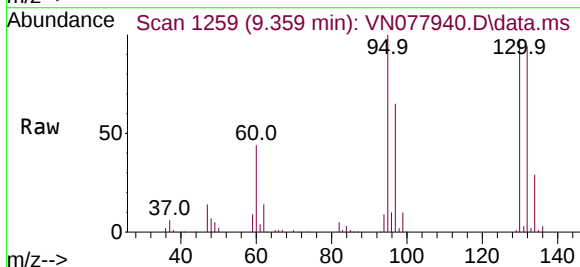
Delta R.T. -0.000 min

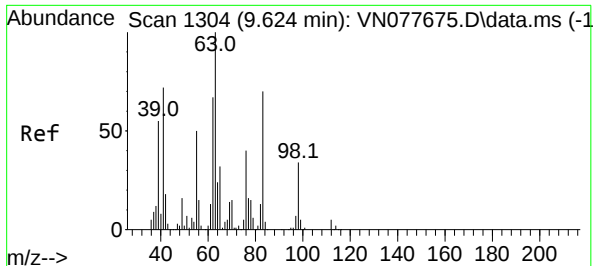
Lab File: VN077940.D

Acq: 26 May 2023 21:28

Tgt Ion:130 Resp: 265260

Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	204.6





#45

1,2-Dichloropropane

Concen: 56.872 ug/l

RT: 9.630 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 256864

Ion Ratio Lower Upper

63 100

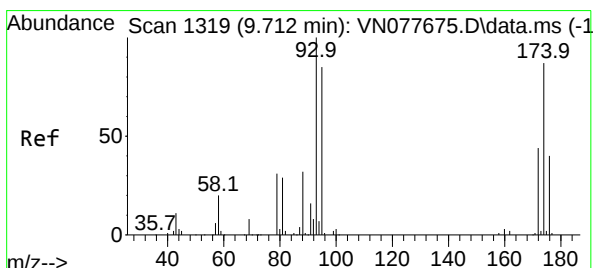
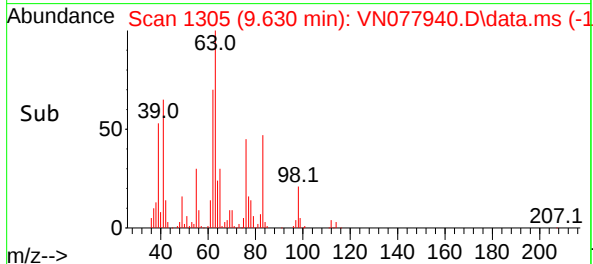
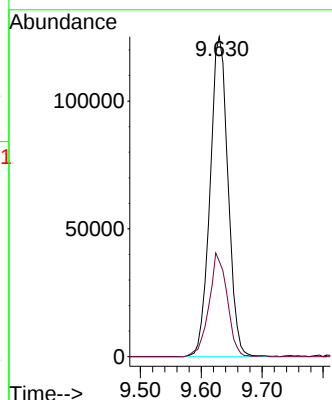
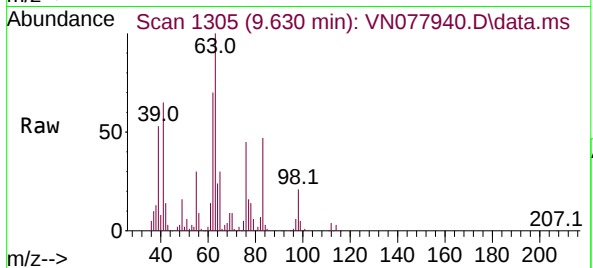
65 29.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#46

Dibromomethane

Concen: 56.770 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

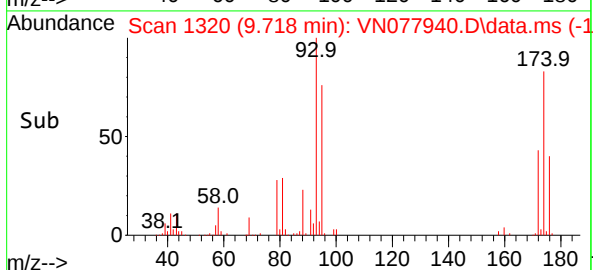
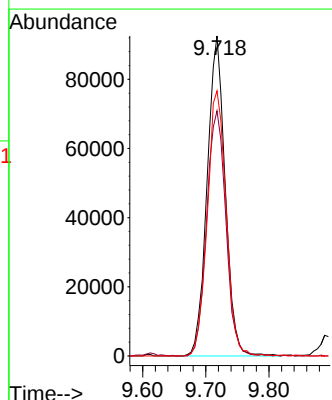
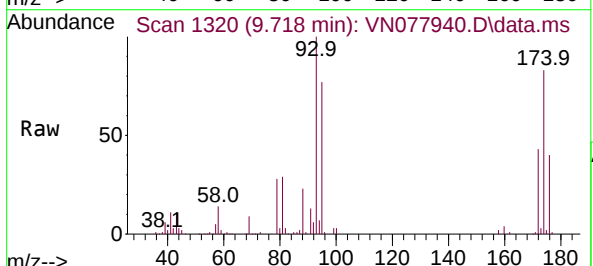
Tgt Ion: 93 Resp: 183474

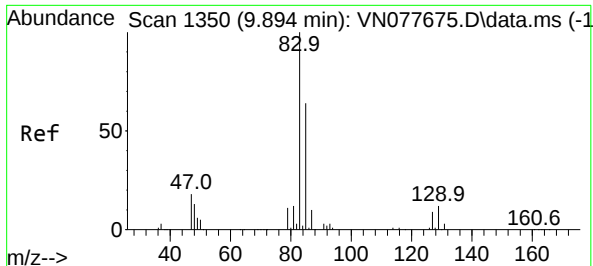
Ion Ratio Lower Upper

93 100

95 81.7 63.8 95.8

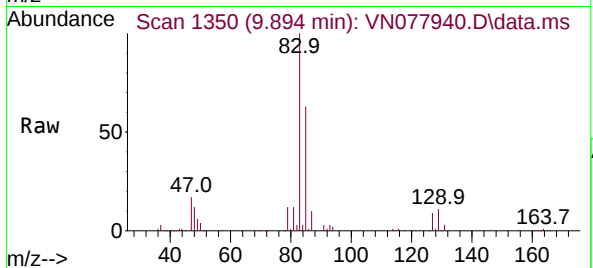
174 86.0 65.6 98.4





#47
Bromodichloromethane
Concen: 59.019 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

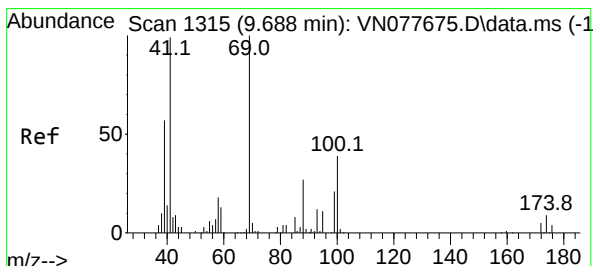
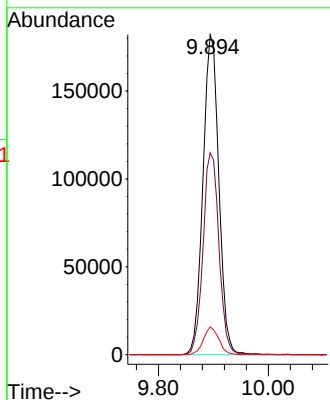
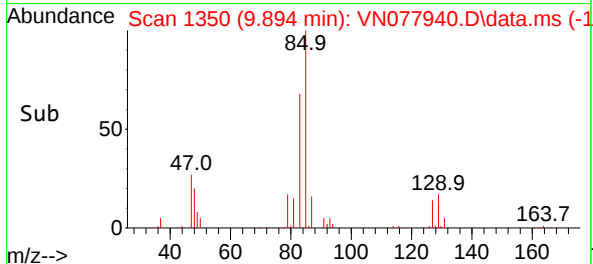
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



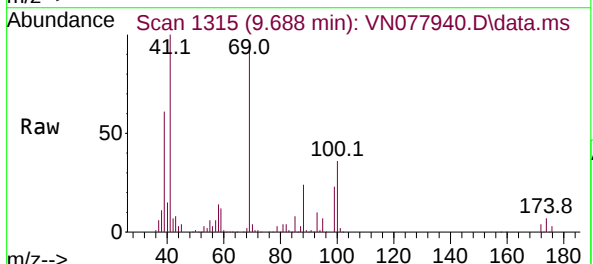
Tgt Ion: 83 Resp: 365179
Ion Ratio Lower Upper
83 100
85 63.1 49.6 74.4
127 8.7 7.0 10.6

Manual Integrations
APPROVED

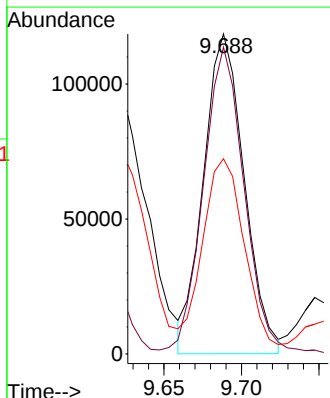
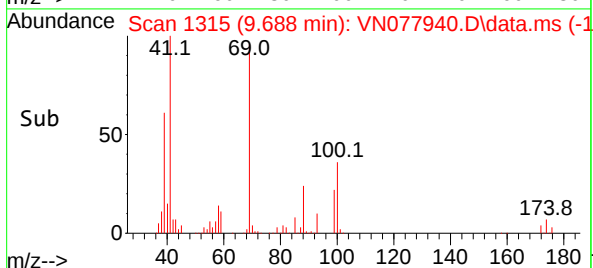
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

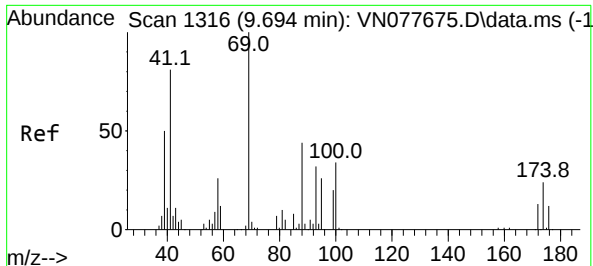


#48
Methyl methacrylate
Concen: 52.275 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



Tgt Ion: 41 Resp: 216510
Ion Ratio Lower Upper
41 100
69 97.9 90.4 135.6
39 63.2 54.6 81.8





#49

1,4-Dioxane

Concen: 1174.539 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 9188

Ion Ratio Lower Upper

88 100

43 22.8 17.0 25.6

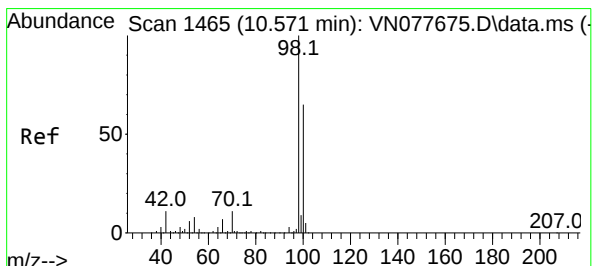
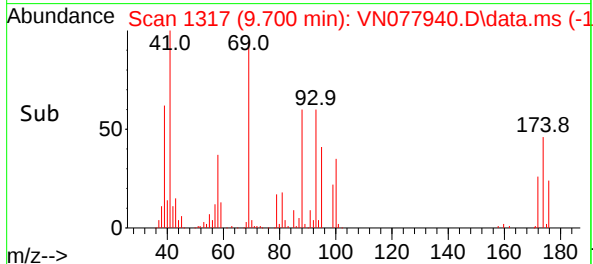
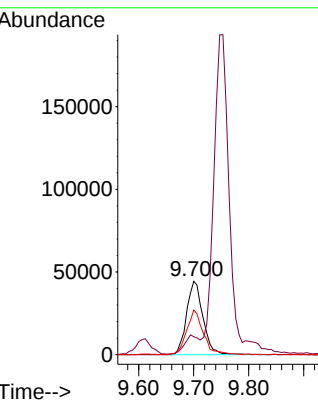
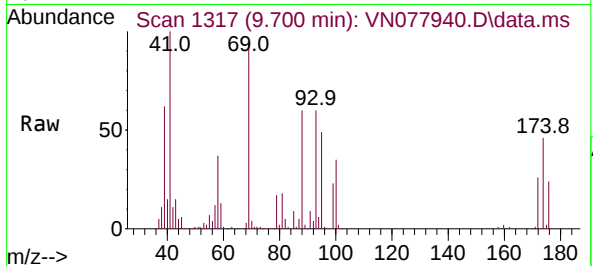
58 61.9 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#50

Toluene-d8

Concen: 54.090 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN077940.D

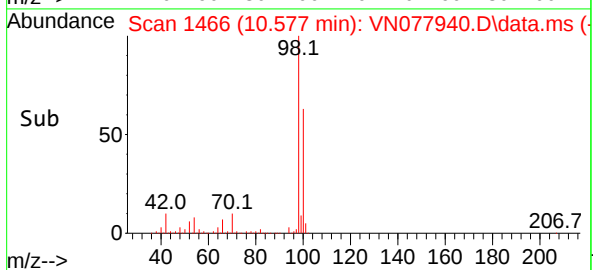
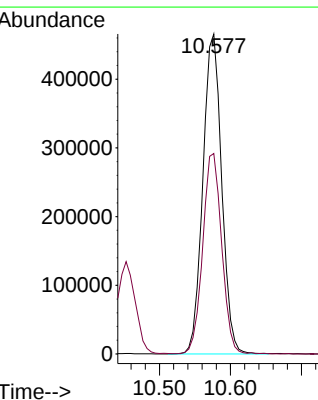
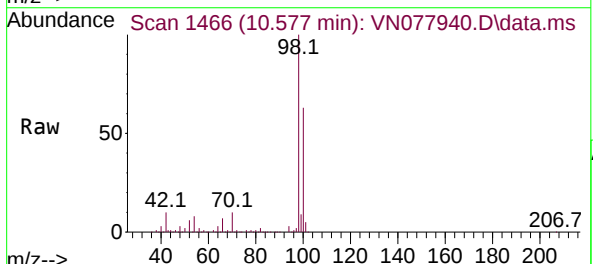
Acq: 26 May 2023 21:28

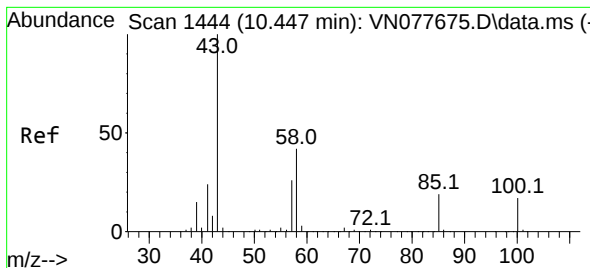
Tgt Ion: 98 Resp: 854111

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0





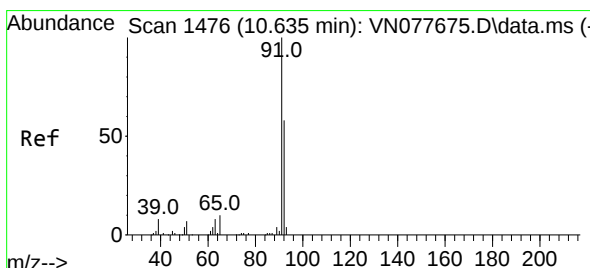
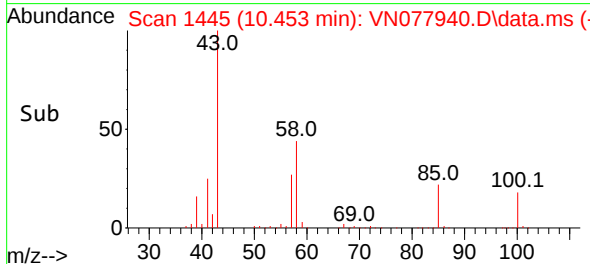
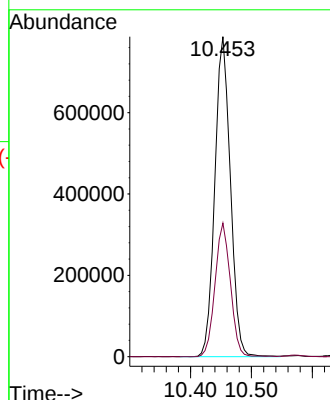
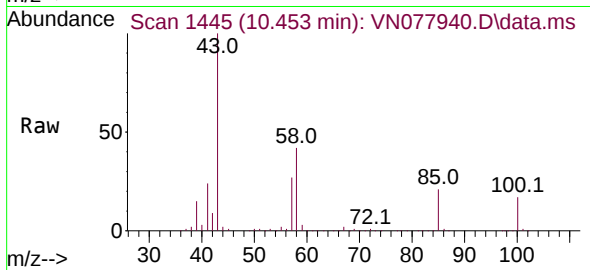
#51
4-Methyl-2-Pentanone
Concen: 268.845 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 139601
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8

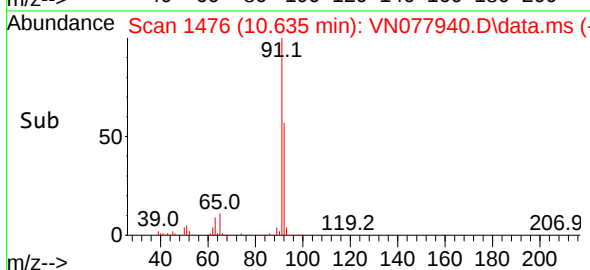
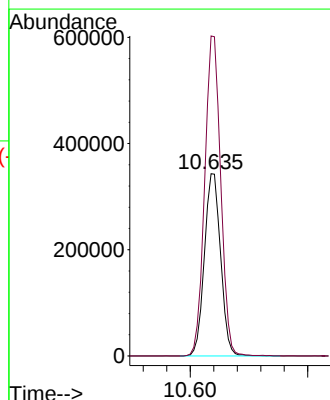
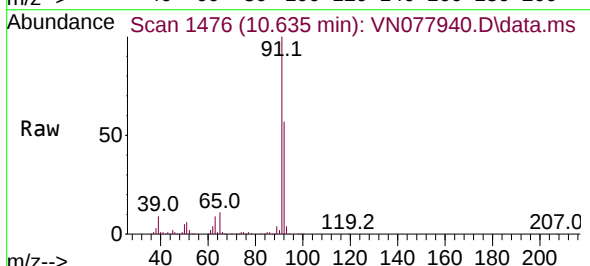
Manual Integrations
APPROVED

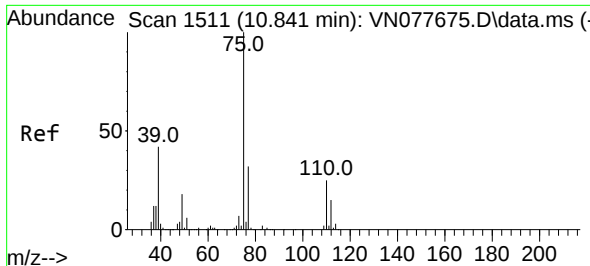
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#52
Toluene
Concen: 59.520 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion: 92 Resp: 656118
Ion Ratio Lower Upper
92 100
91 173.6 137.4 206.0





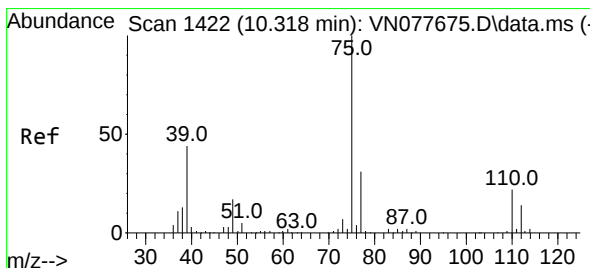
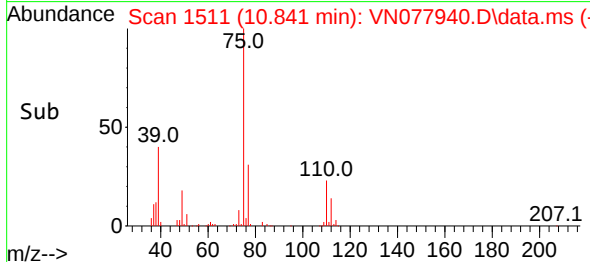
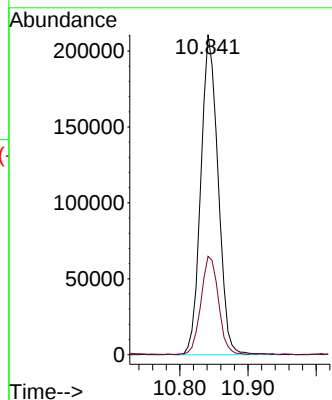
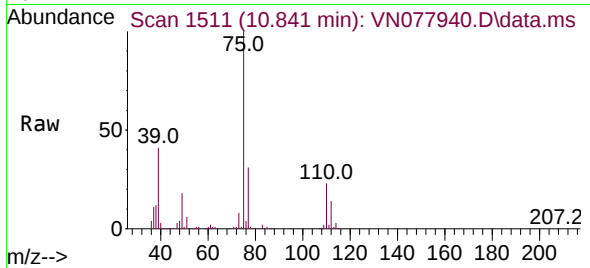
#53
t-1,3-Dichloropropene
Concen: 56.673 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 371340
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

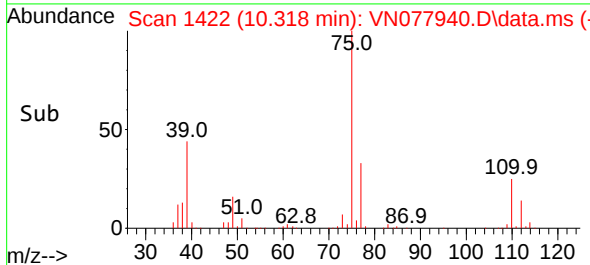
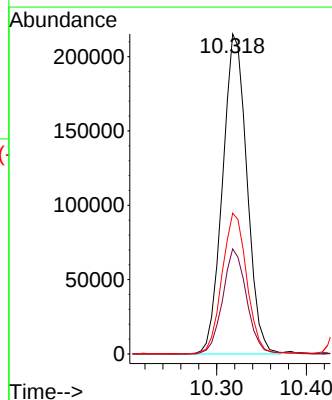
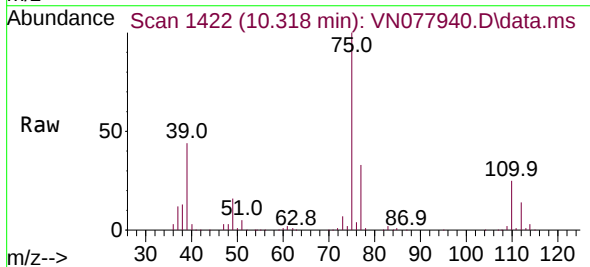
Manual Integrations
APPROVED

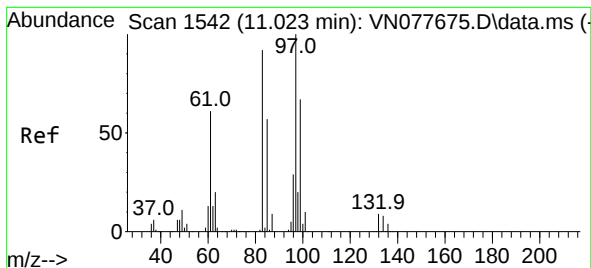
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#54
cis-1,3-Dichloropropene
Concen: 56.210 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

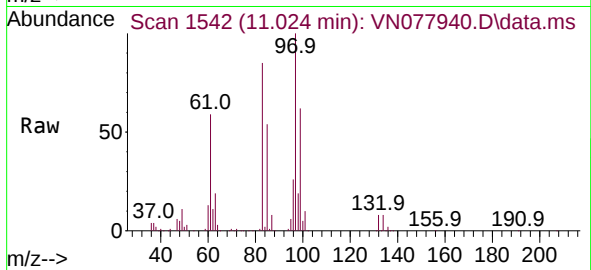
Tgt Ion: 75 Resp: 405878
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
39 43.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 58.139 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

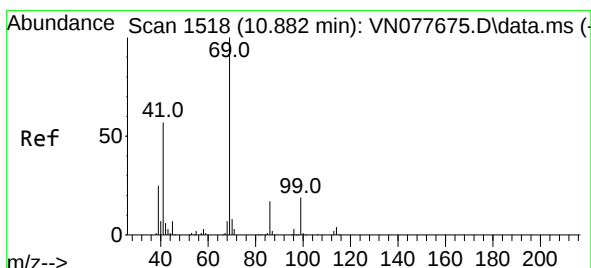
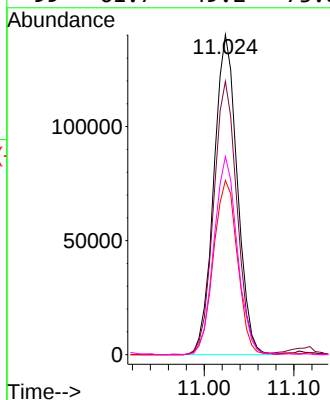
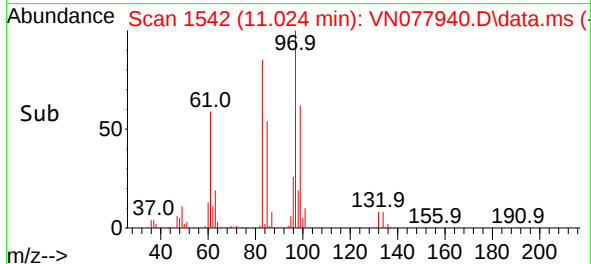
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



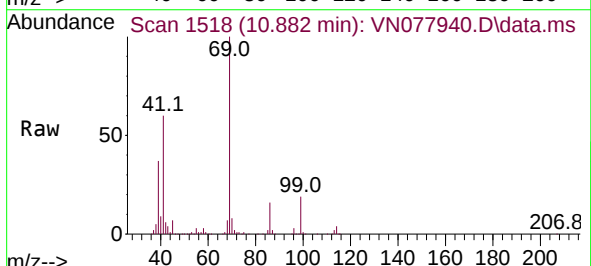
Tgt Ion:	97	Resp:	25447
Ion Ratio	100	Lower	Upper
97	100		
83	85.5	65.1	97.7
85	54.5	43.4	65.2
99	61.7	49.2	73.8

Manual Integrations
APPROVED

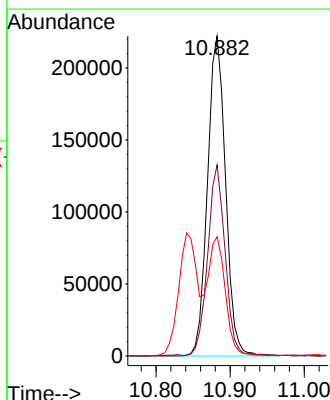
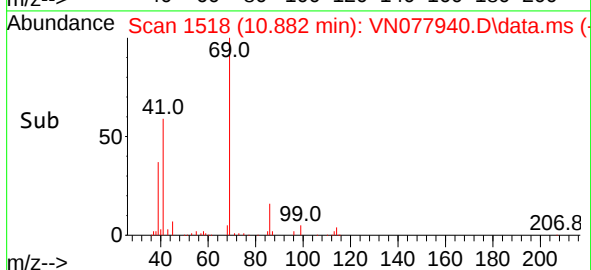
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

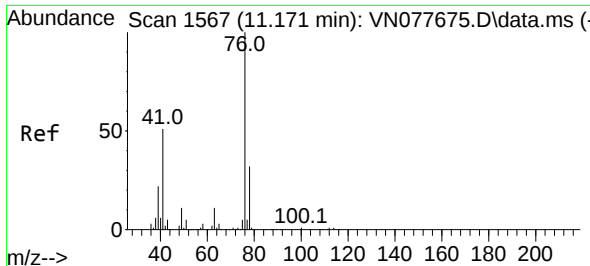


#56
Ethyl methacrylate
Concen: 56.766 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



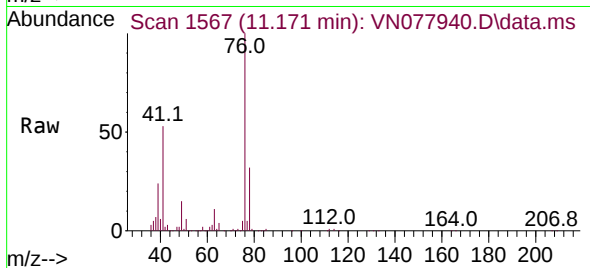
Tgt Ion:	69	Resp:	375679
Ion Ratio	100	Lower	Upper
69	100		
41	57.3	39.6	59.4
39	33.7	28.6	43.0





#57
1,3-Dichloropropane
Concen: 57.104 ug/l
RT: 11.171 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

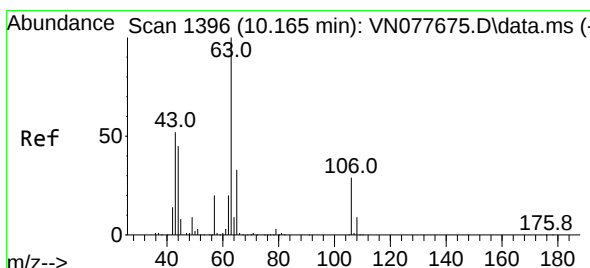
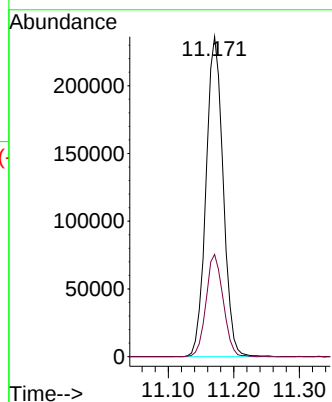
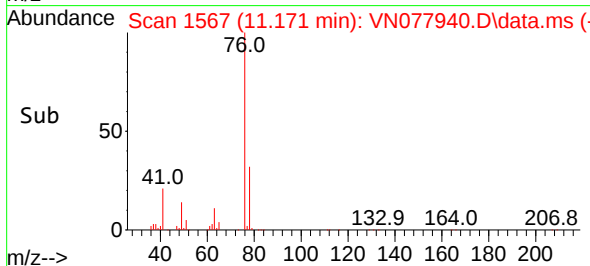
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



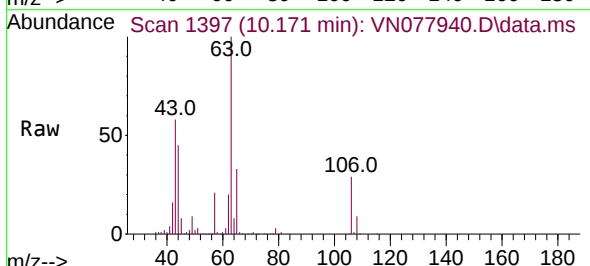
Tgt Ion: 76 Resp: 42848
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

Manual Integrations
APPROVED

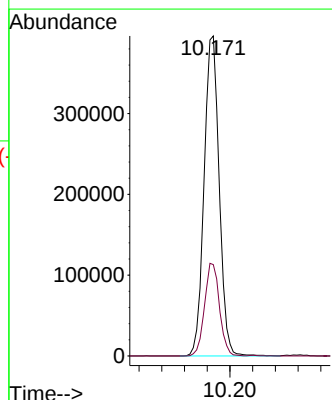
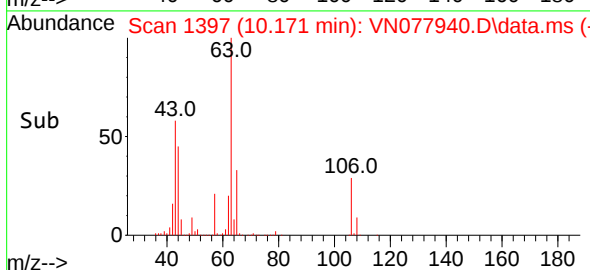
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#58
2-Chloroethyl Vinyl ether
Concen: 223.730 ug/l
RT: 10.171 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



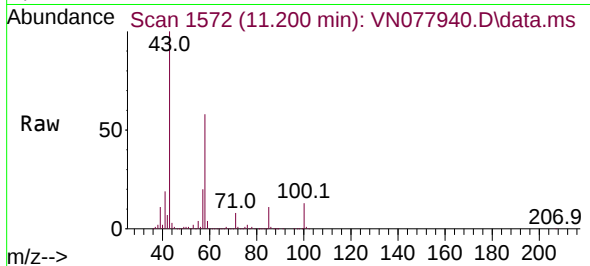
Tgt Ion: 63 Resp: 728418
Ion Ratio Lower Upper
63 100
106 28.5 26.2 39.4





#59
2-Hexanone
Concen: 253.343 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

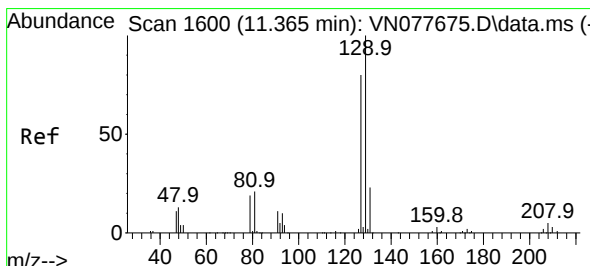
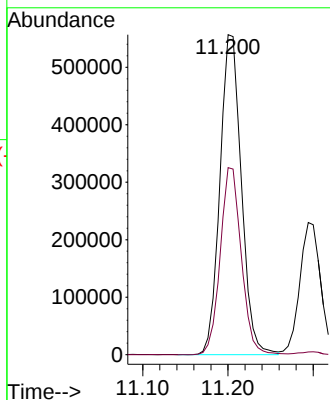
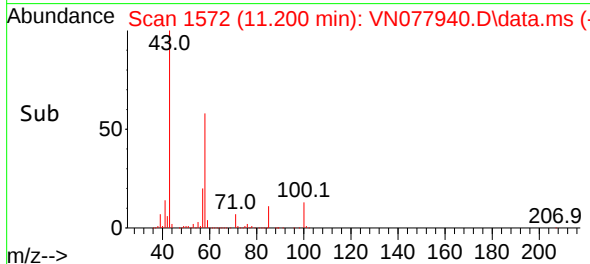
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 97303
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1

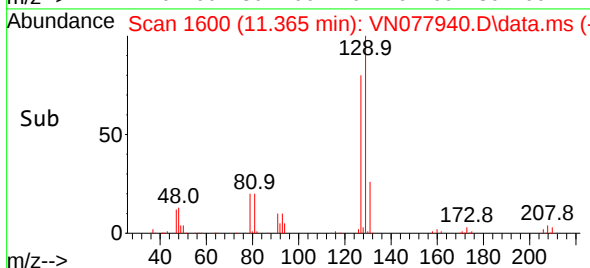
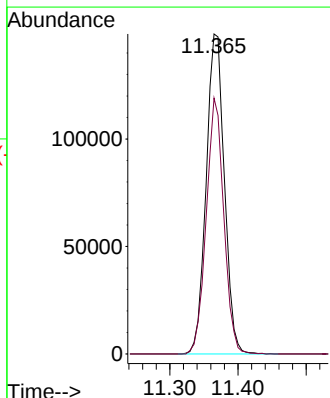
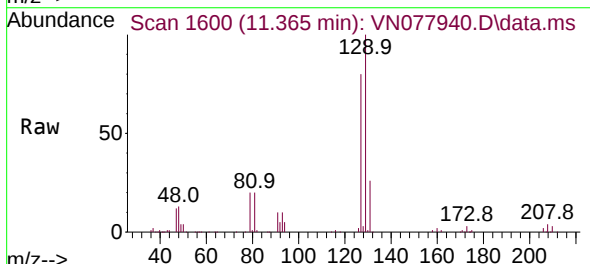
Manual Integrations
APPROVED

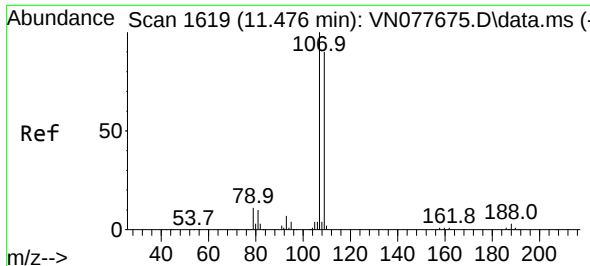
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#60
Dibromochloromethane
Concen: 61.270 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

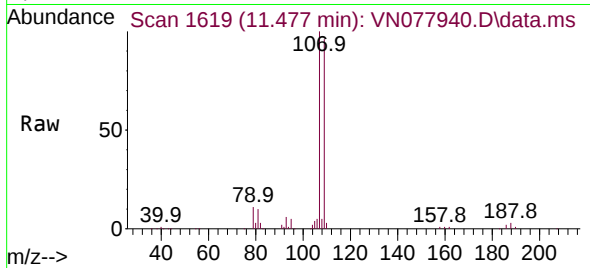
Tgt Ion:129 Resp: 276853
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 58.578 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

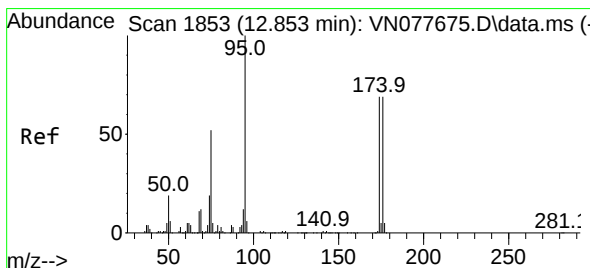
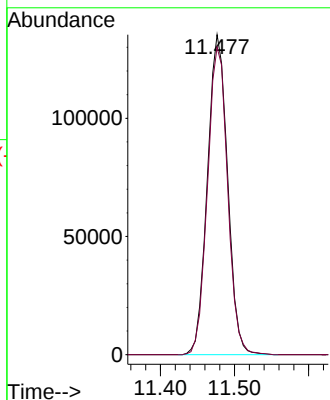
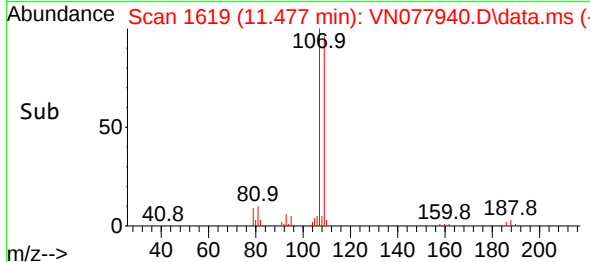
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



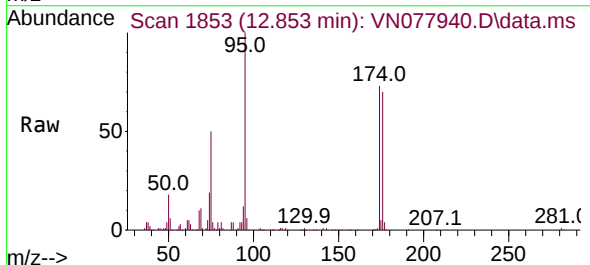
Tgt Ion:107 Resp: 255784
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

Manual Integrations
APPROVED

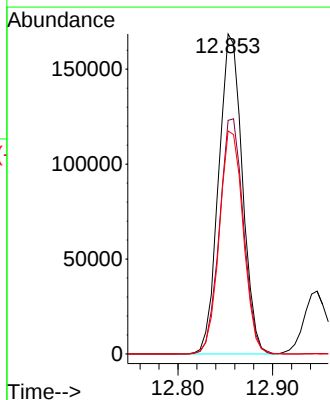
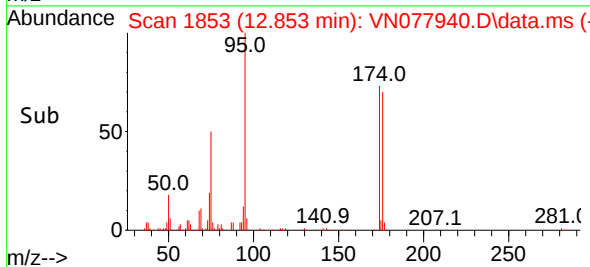
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

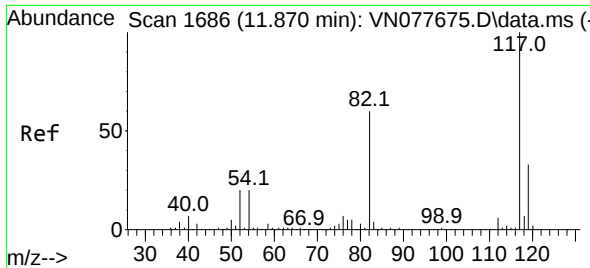


#62
4-Bromofluorobenzene
Concen: 52.667 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



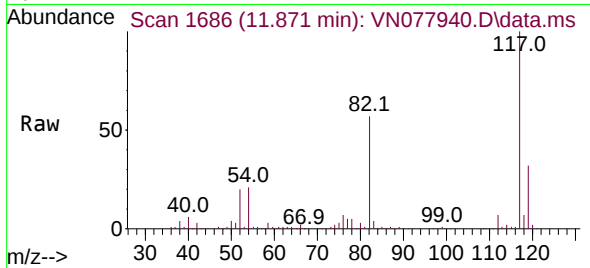
Tgt Ion: 95 Resp: 293718
Ion Ratio Lower Upper
95 100
174 74.2 0.0 143.8
176 70.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

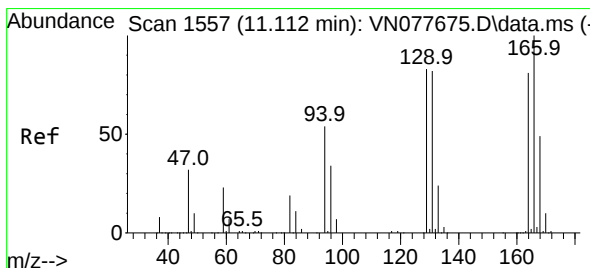
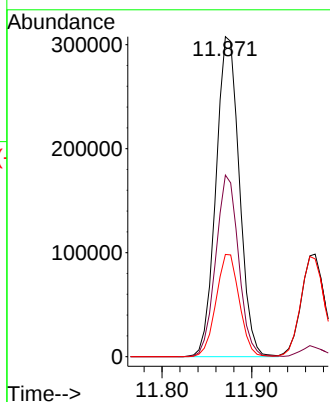
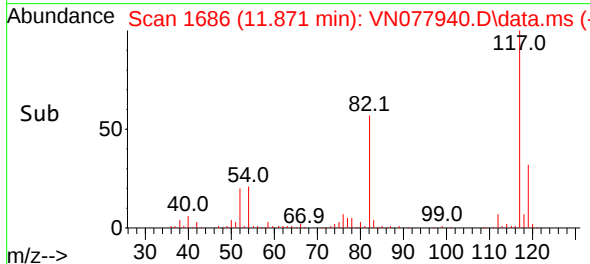
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 557049
Ion Ratio Lower Upper
117 100
82 56.8 44.0 66.0
119 32.0 25.6 38.4

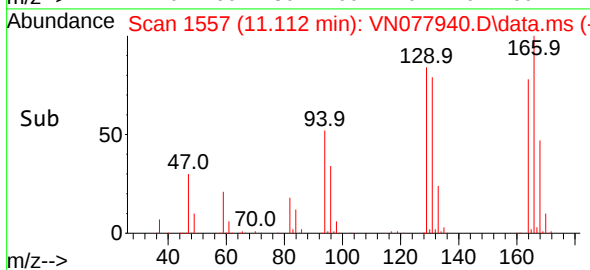
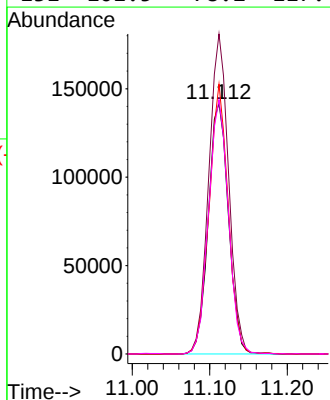
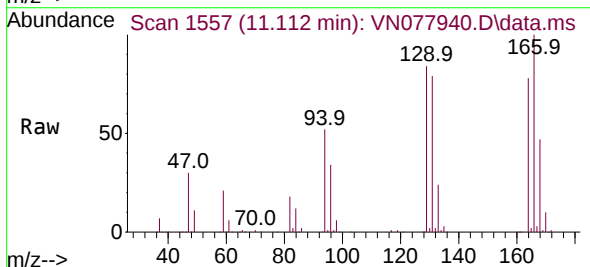
Manual Integrations
APPROVED

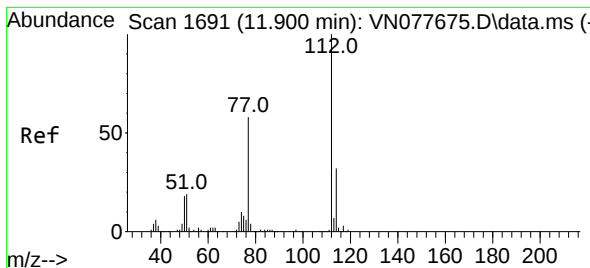
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#64
Tetrachloroethene
Concen: 65.600 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion:164 Resp: 255550
Ion Ratio Lower Upper
164 100
166 127.8 101.4 152.0
129 107.7 82.4 123.6
131 101.5 78.2 117.4





#65

Chlorobenzene

Concen: 57.431 ug/l

RT: 11.900 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 69354

Ion Ratio Lower Upper

112 100

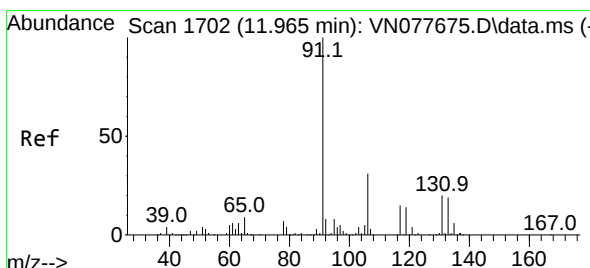
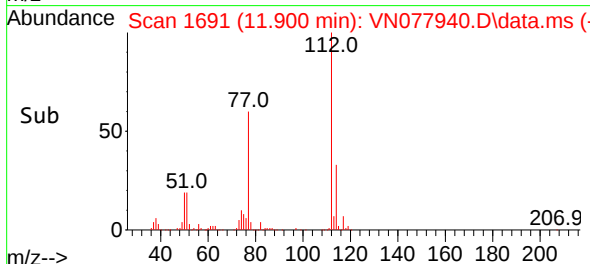
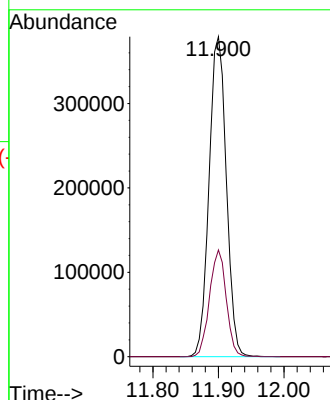
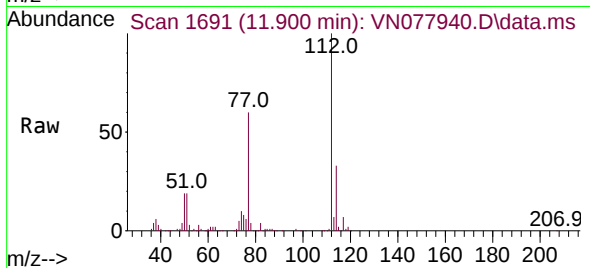
114 33.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 61.908 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

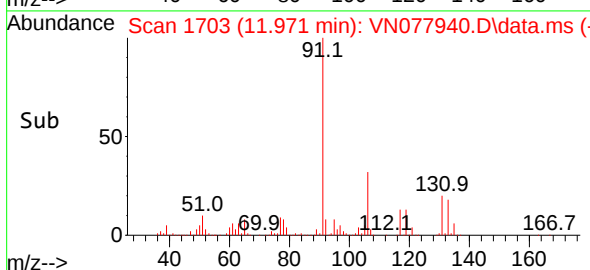
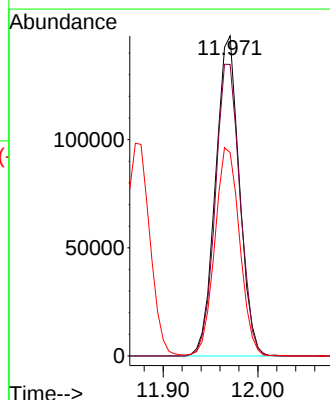
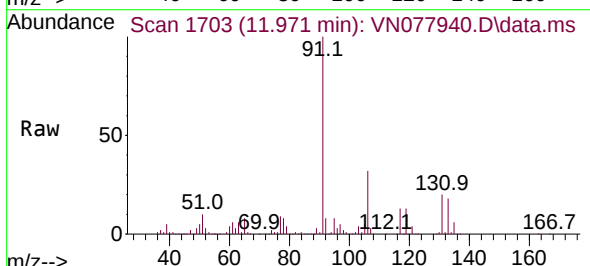
Tgt Ion:131 Resp: 258684

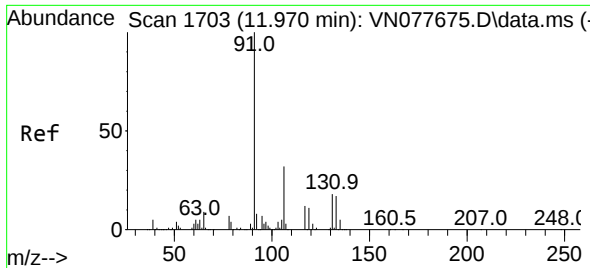
Ion Ratio Lower Upper

131 100

133 94.5 46.4 139.1

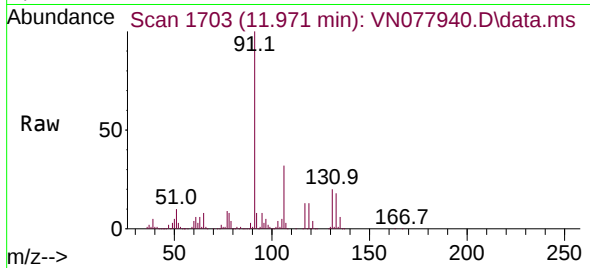
119 67.8 34.1 102.2





#67
Ethyl Benzene
Concen: 58.276 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

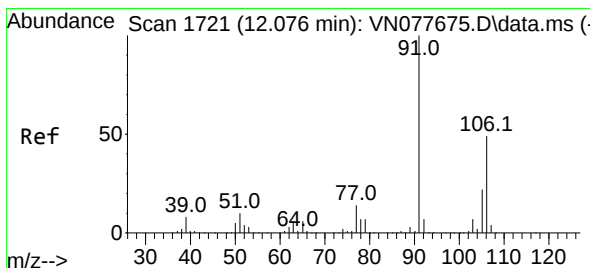
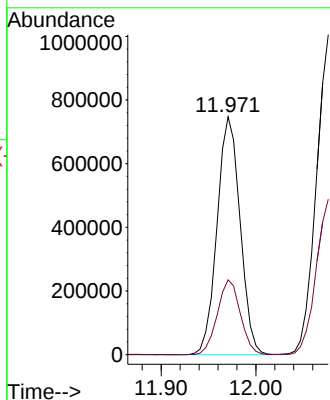
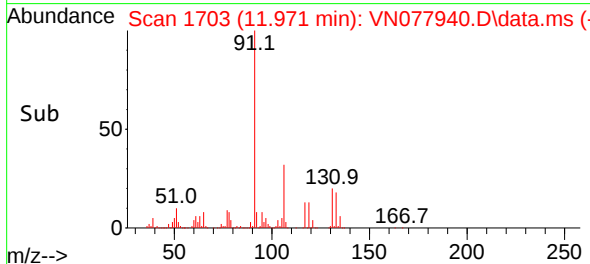
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



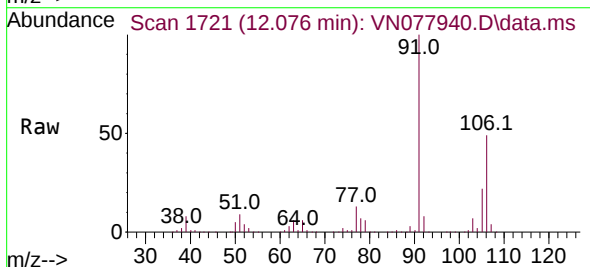
Tgt Ion: 91 Resp: 126115
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

Manual Integrations
APPROVED

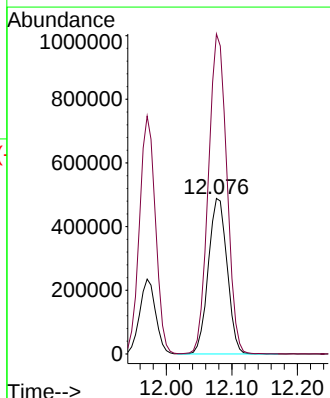
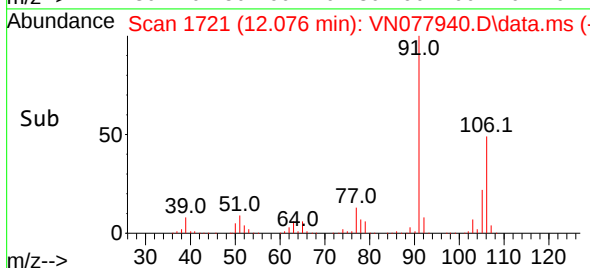
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

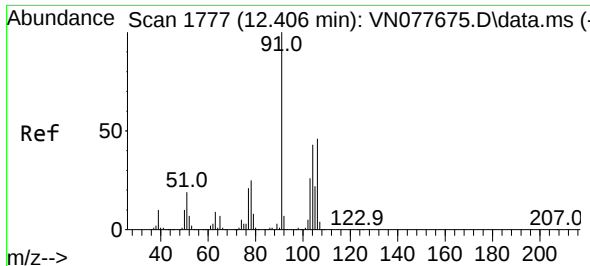


#68
m/p-Xylenes
Concen: 118.454 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



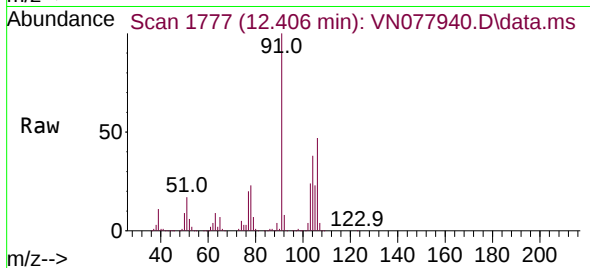
Tgt Ion:106 Resp: 971327
Ion Ratio Lower Upper
106 100
91 202.0 159.6 239.4





#69
o-Xylene
Concen: 58.802 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

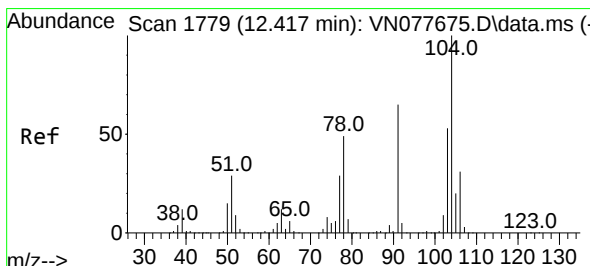
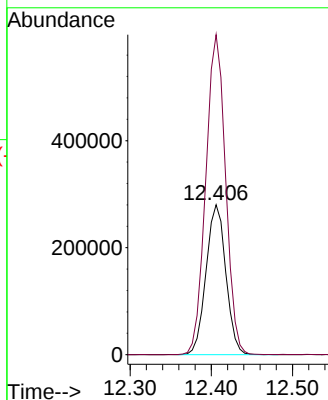
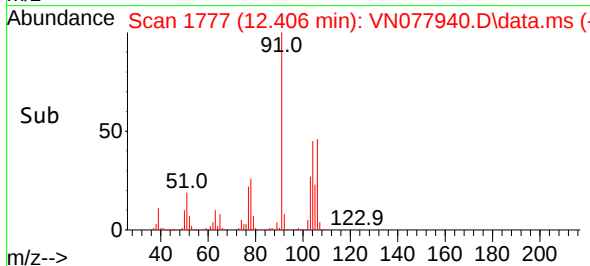
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 474198
Ion Ratio Lower Upper
106 100
91 213.7 105.2 315.5

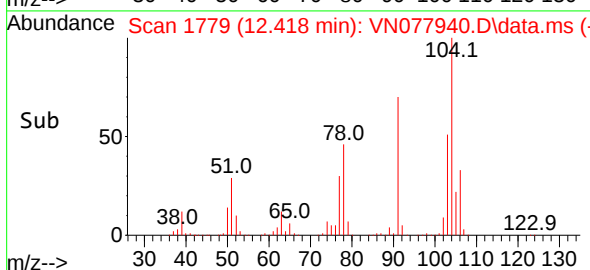
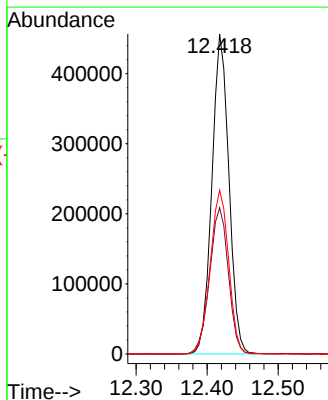
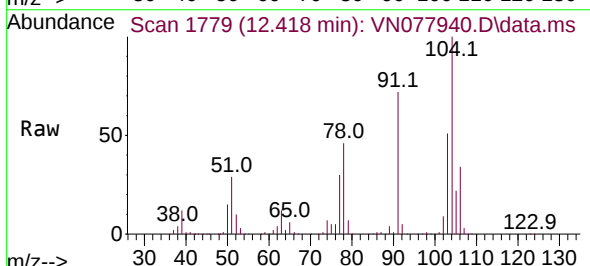
Manual Integrations
APPROVED

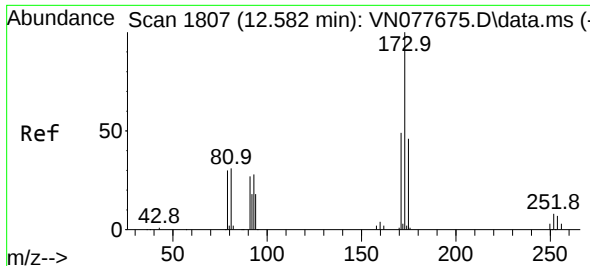
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#70
Styrene
Concen: 59.301 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

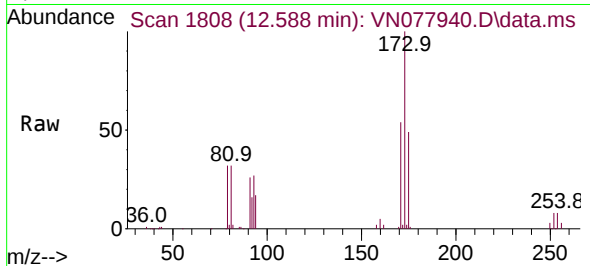
Tgt Ion:104 Resp: 759689
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.6 43.2 64.8





#71
Bromoform
Concen: 60.432 ug/l
RT: 12.588 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

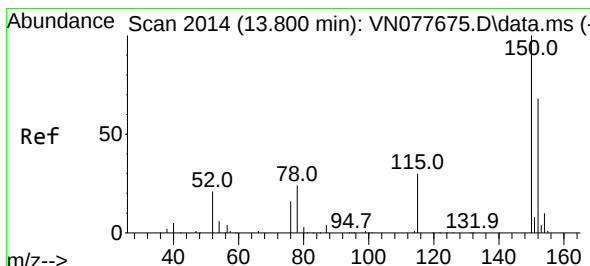
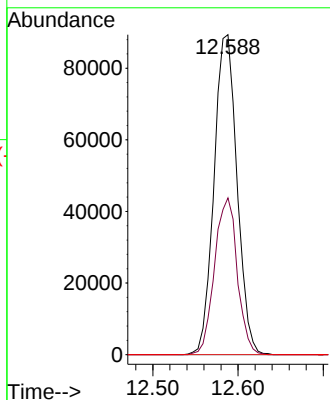
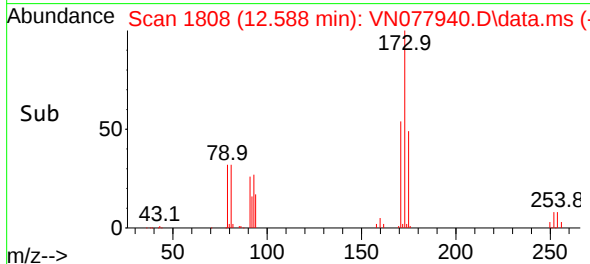
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 16798
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0

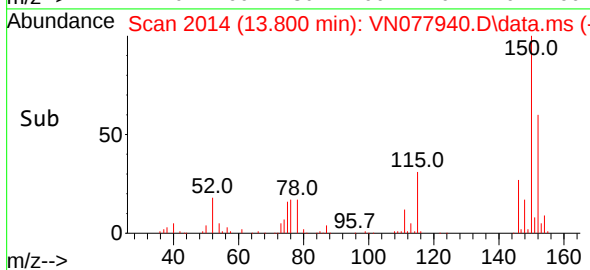
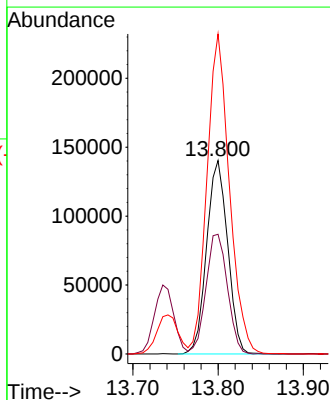
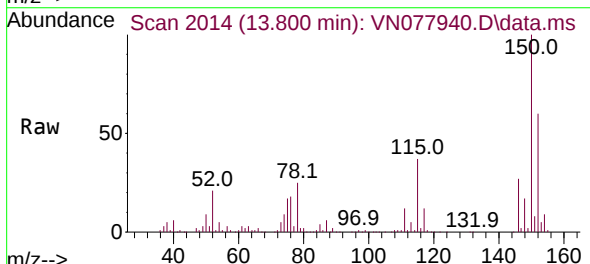
Manual Integrations
APPROVED

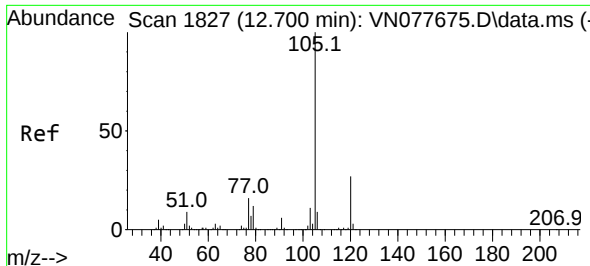
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

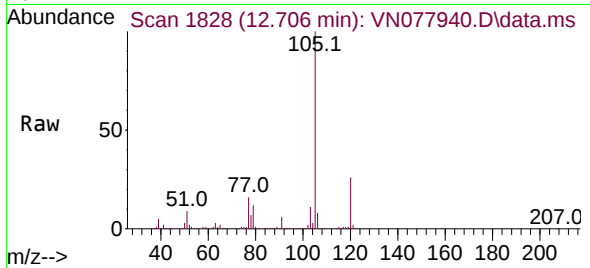
Tgt Ion:152 Resp: 241151
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 176.2 0.0 355.8





#73
Isopropylbenzene
Concen: 58.857 ug/l
RT: 12.706 min Scan# 1827
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

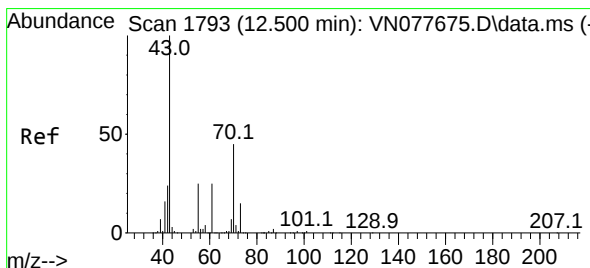
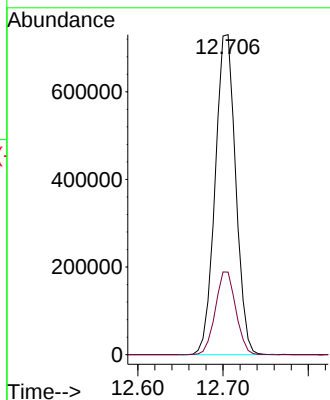
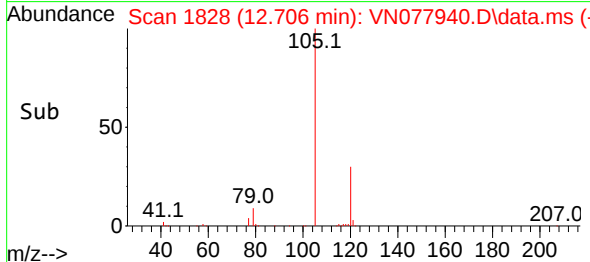
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 122348
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

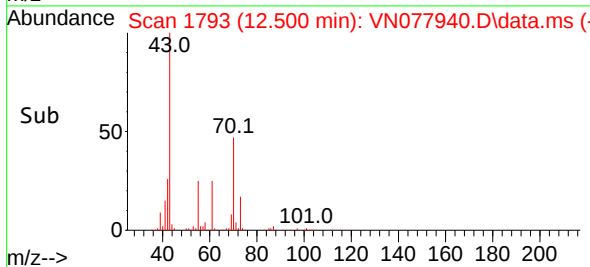
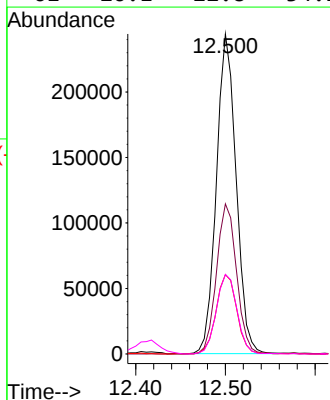
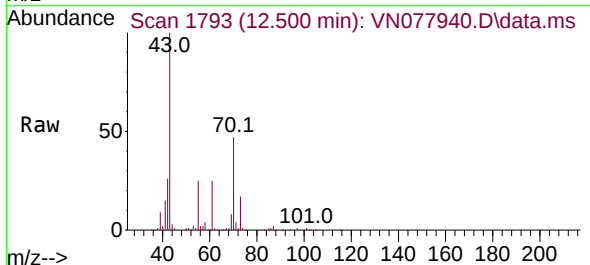
Manual Integrations
APPROVED

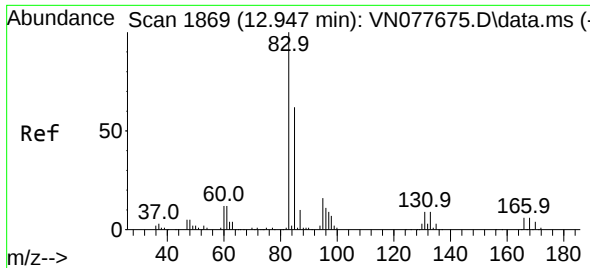
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#74
N-ethyl acetate
Concen: 48.439 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

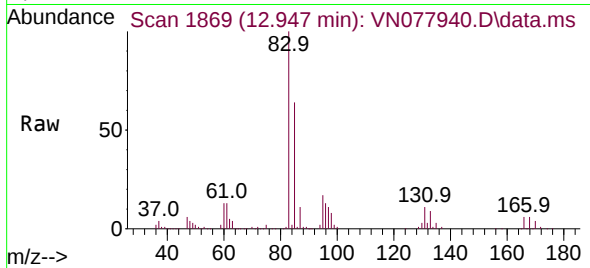
Tgt Ion: 43 Resp: 372185
Ion Ratio Lower Upper
43 100
70 47.9 43.4 65.2
55 26.2 21.4 32.0
61 26.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 53.227 ug/l
RT: 12.947 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

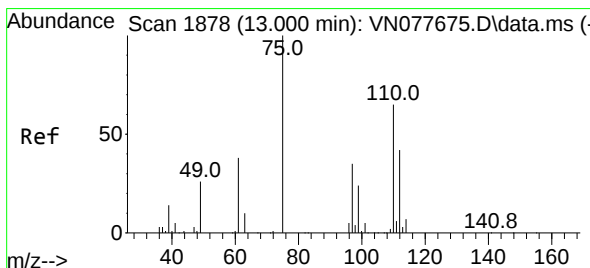
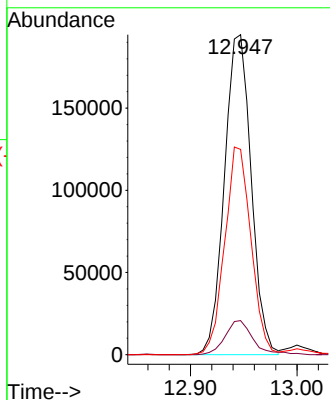
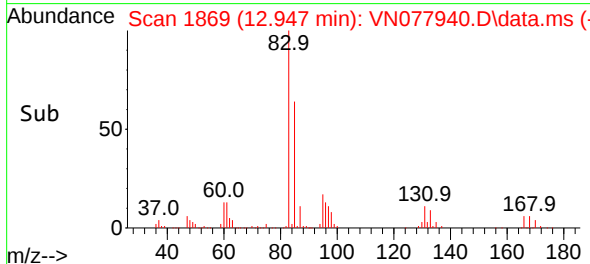
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 340382
Ion Ratio Lower Upper
83 100
131 11.1 5.0 15.0
85 63.7 31.9 95.7

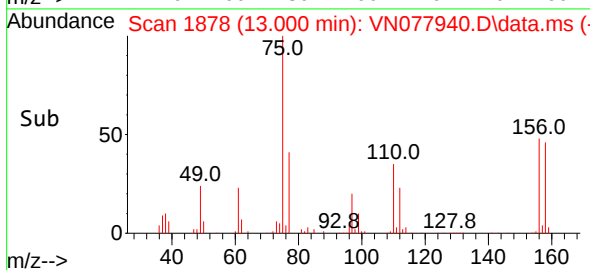
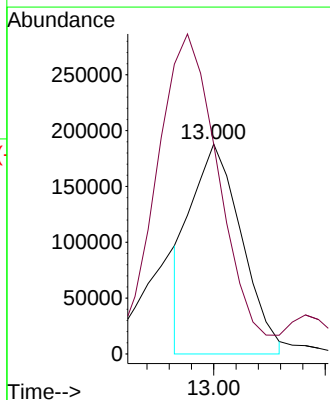
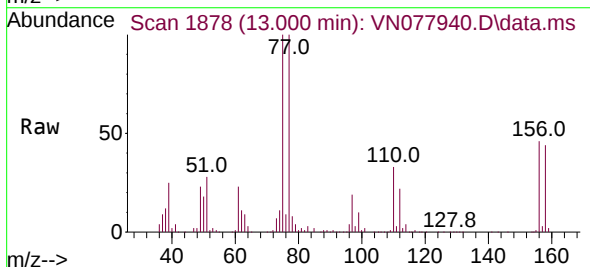
Manual Integrations
APPROVED

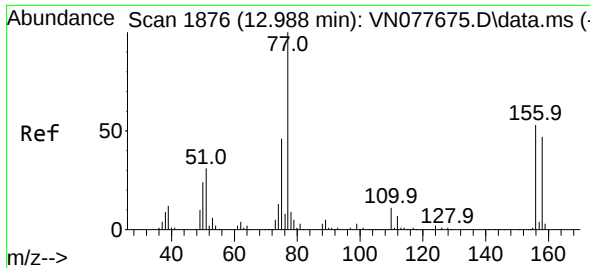
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#76
1,2,3-Trichloropropane
Concen: 49.351 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

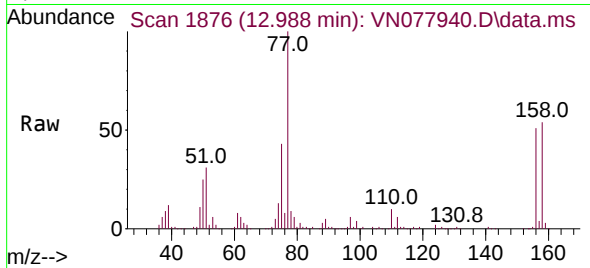
Tgt Ion: 75 Resp: 298046
Ion Ratio Lower Upper
75 100
77 191.0 84.5 253.5





#77
Bromobenzene
Concen: 56.219 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

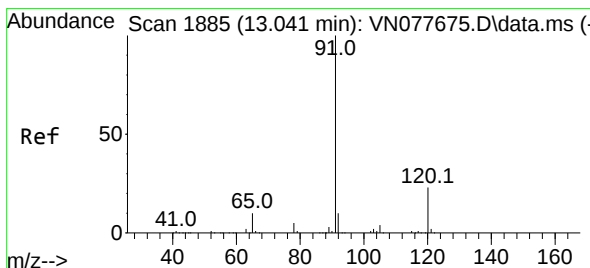
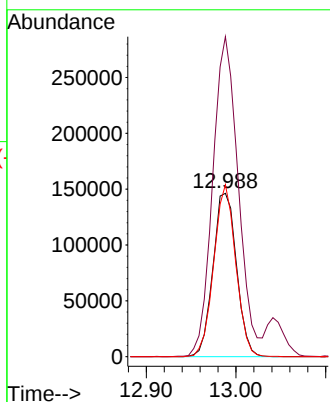
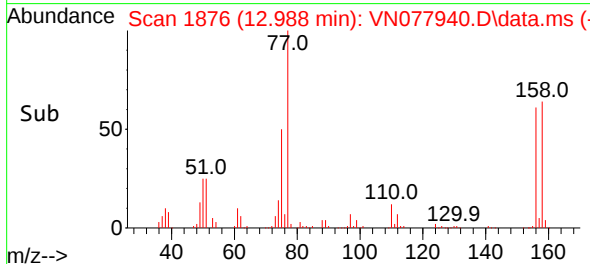
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



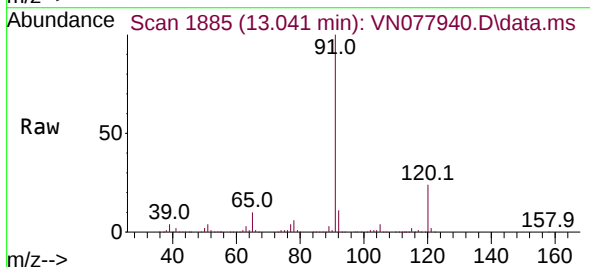
Tgt Ion:156 Resp: 266690
Ion Ratio Lower Upper
156 100
77 213.4 107.7 323.3
158 98.2 48.4 145.3

Manual Integrations
APPROVED

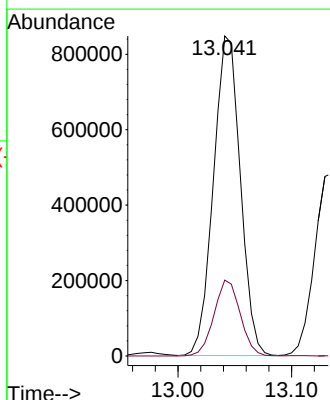
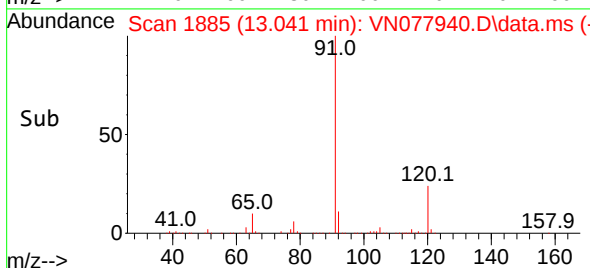
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

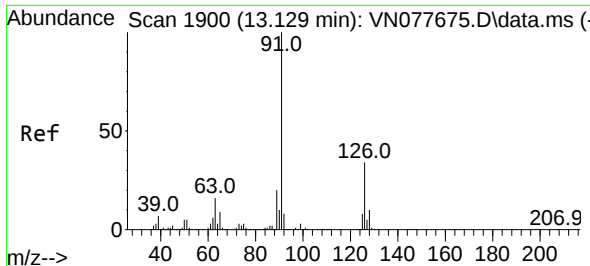


#78
n-propylbenzene
Concen: 56.900 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



Tgt Ion: 91 Resp: 1394451
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.4





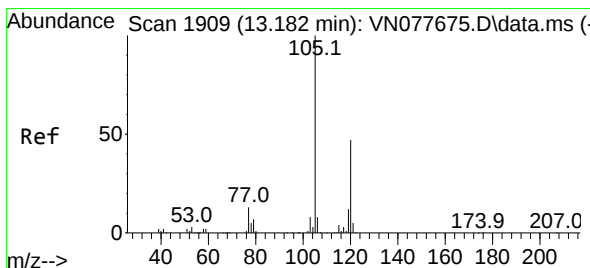
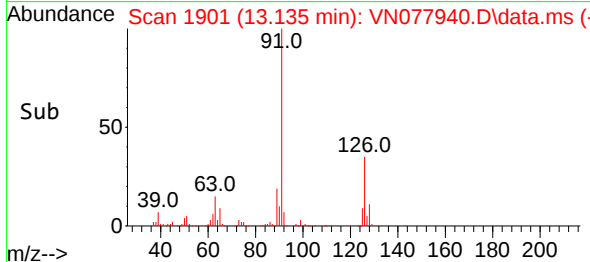
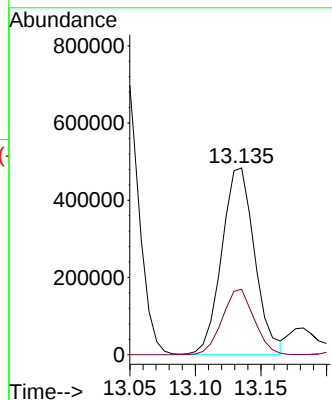
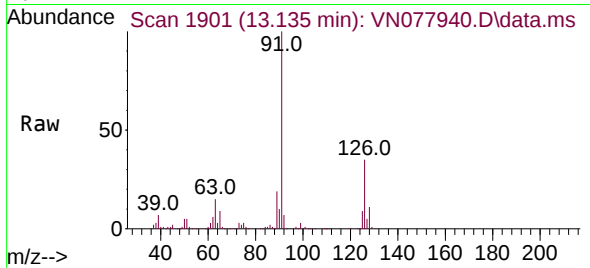
#79
2-Chlorotoluene
Concen: 57.615 ug/l
RT: 13.135 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 842539
Ion Ratio Lower Upper
91 100
126 34.0 16.3 48.8

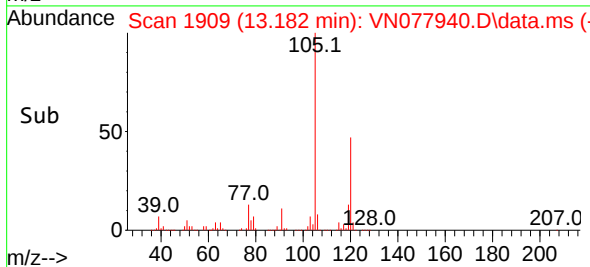
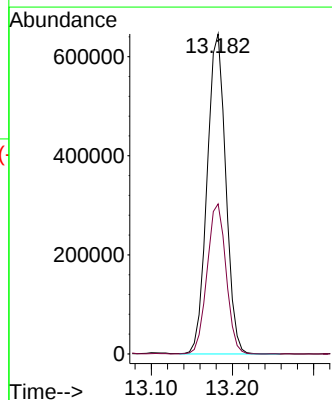
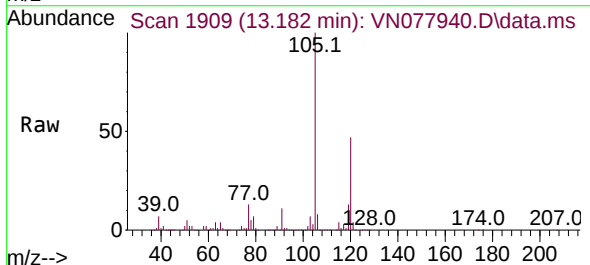
Manual Integrations
APPROVED

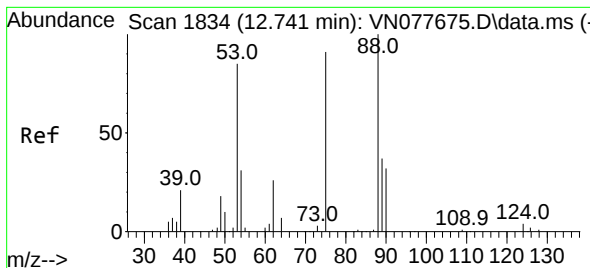
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 58.832 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion:105 Resp: 1027851
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.3





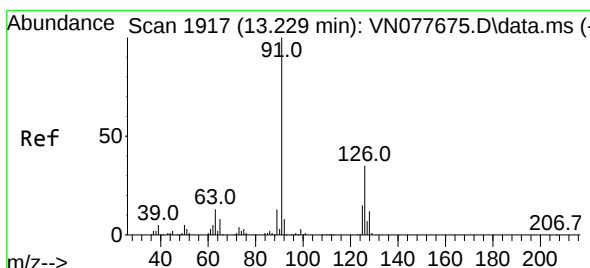
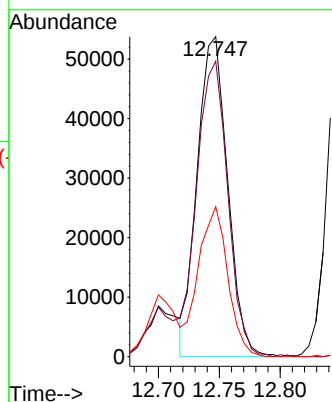
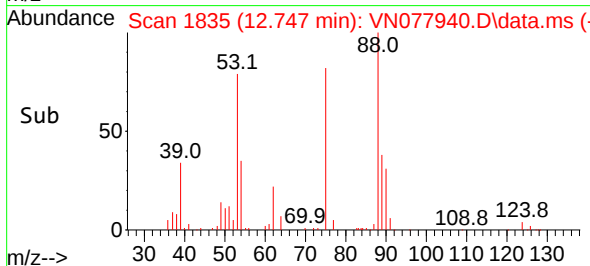
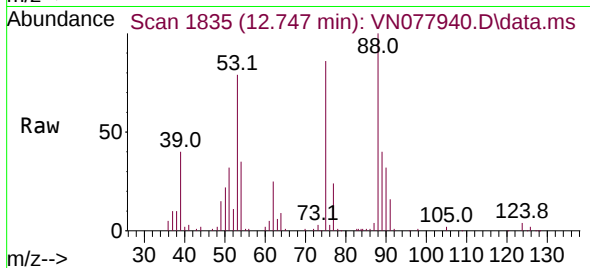
#81
trans-1,4-Dichloro-2-butene
Concen: 49.511 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 9354
Ion Ratio Lower Upper
75 100
53 96.1 67.4 101.2
89 45.8 38.8 58.2

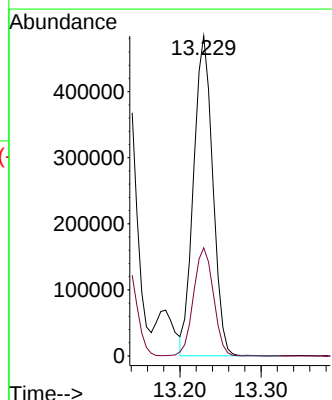
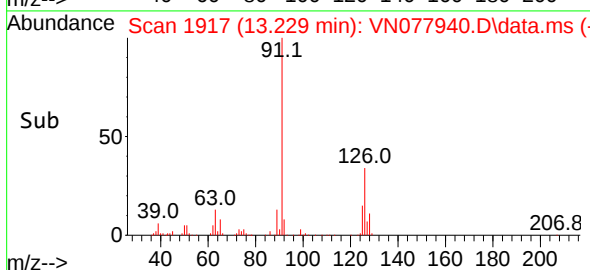
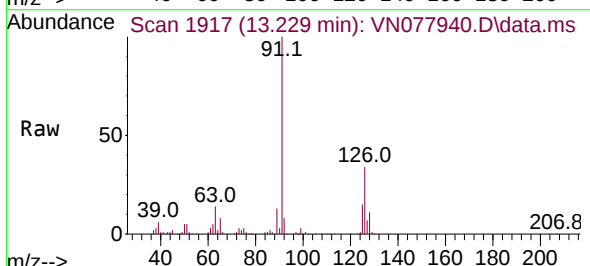
Manual Integrations
APPROVED

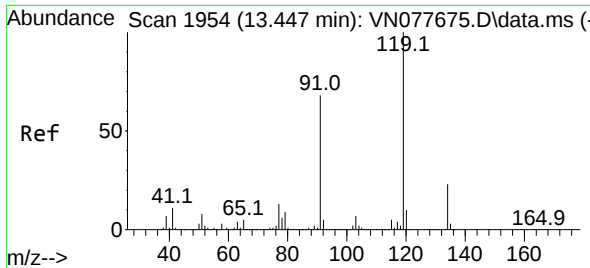
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#82
4-Chlorotoluene
Concen: 54.436 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion: 91 Resp: 792052
Ion Ratio Lower Upper
91 100
126 35.3 16.7 50.0





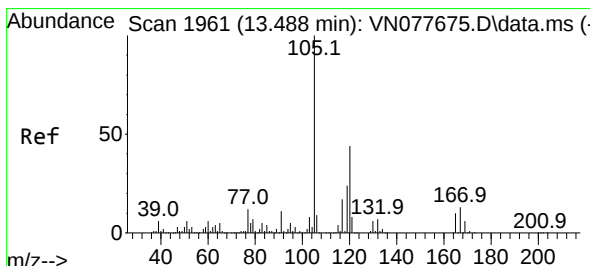
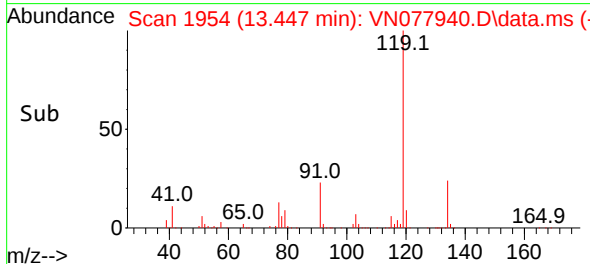
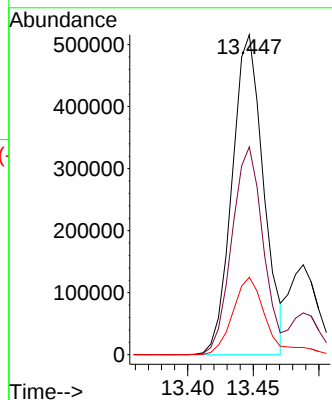
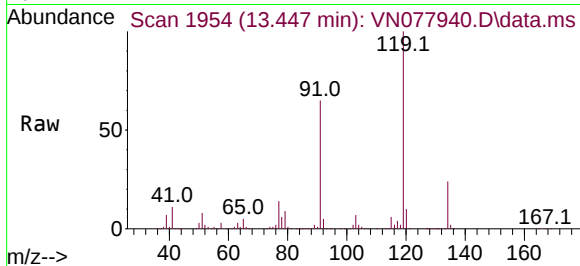
#83
tert-Butylbenzene
Concen: 56.325 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 859064
Ion Ratio Lower Upper
119 100
91 66.1 33.9 101.7
134 25.8 13.2 39.6

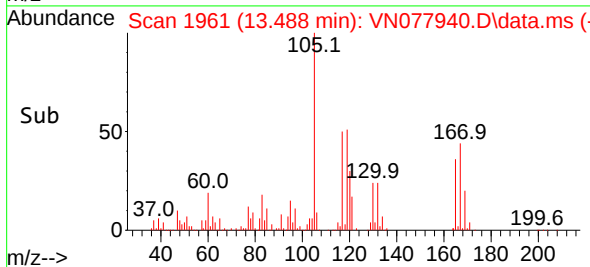
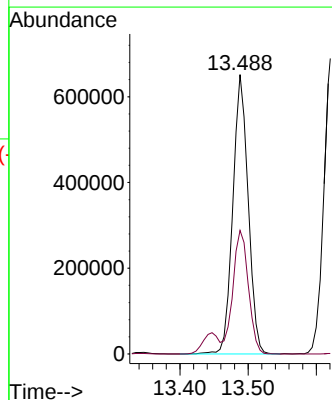
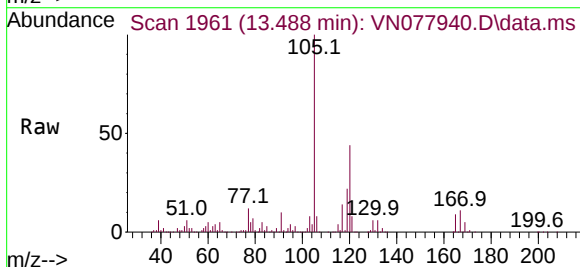
Manual Integrations
APPROVED

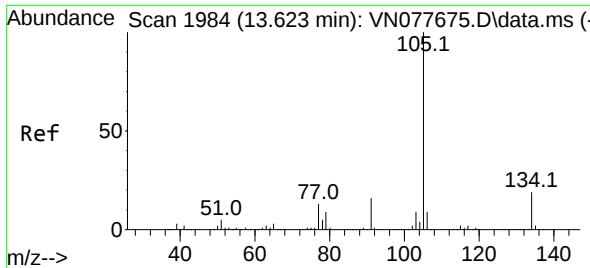
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 59.368 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

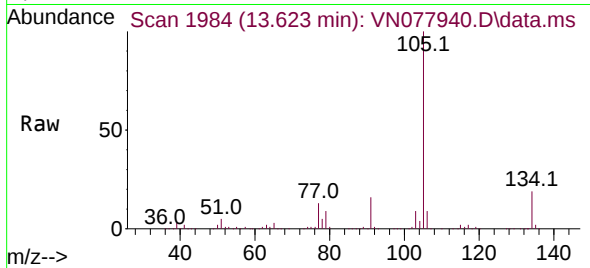
Tgt Ion:105 Resp: 1020086
Ion Ratio Lower Upper
105 100
120 45.0 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 54.661 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN077940.D
 Acq: 26 May 2023 21:28

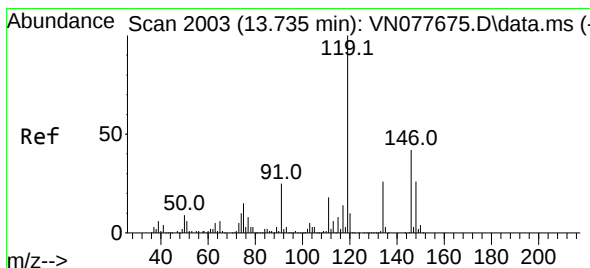
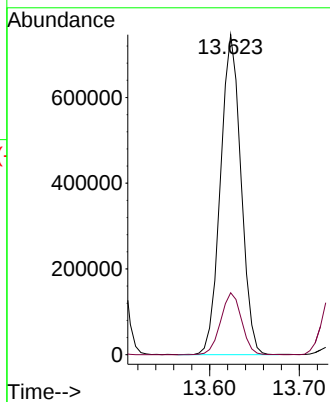
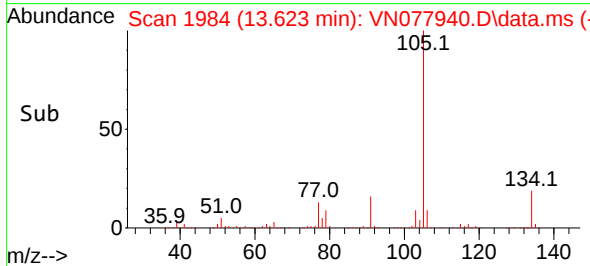
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



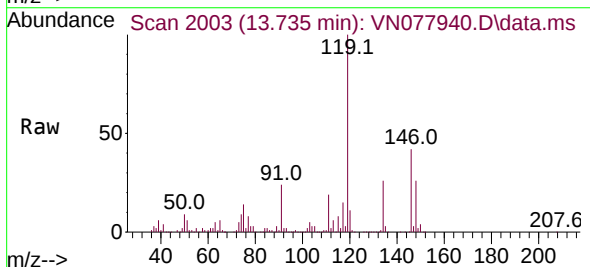
Tgt Ion:105 Resp: 1184830
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

Manual Integrations
 APPROVED

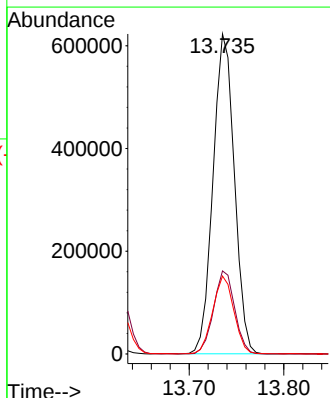
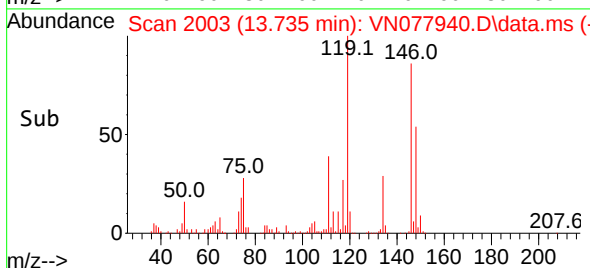
Reviewed By :John Carlone 05/30/2023
 Supervised By :Mahesh Dadoda 05/30/2023

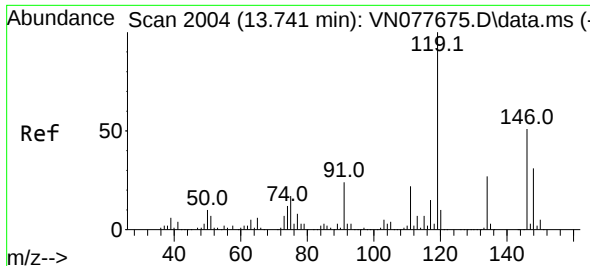


#86
 p-Isopropyltoluene
 Concen: 56.485 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN077940.D
 Acq: 26 May 2023 21:28



Tgt Ion:119 Resp: 976092
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 55.579 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 48759

Ion Ratio Lower Upper

146 100

111 42.8 22.1 66.3

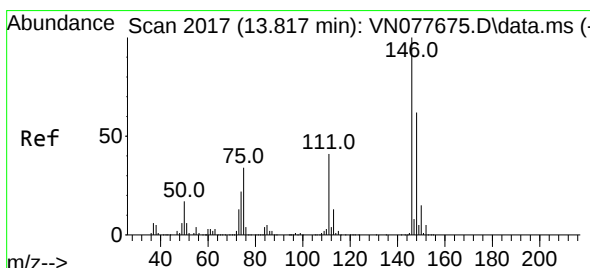
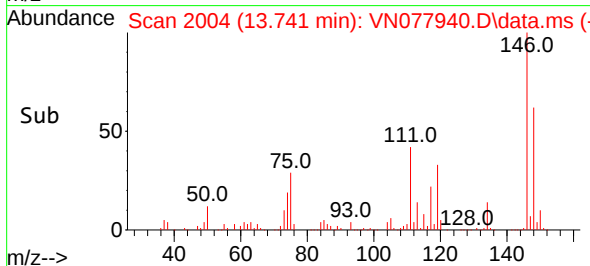
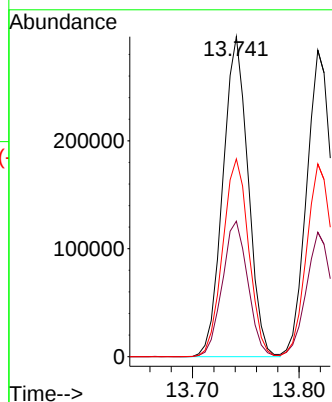
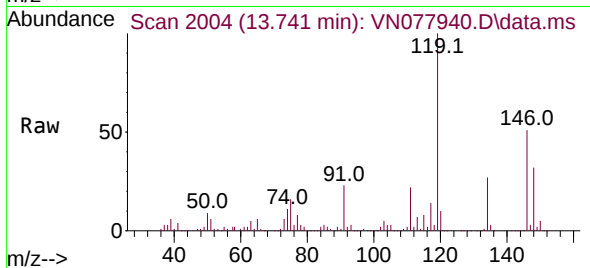
148 63.5 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#88

1,4-Dichlorobenzene

Concen: 54.272 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.001 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

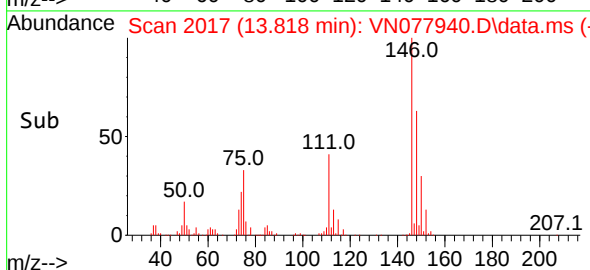
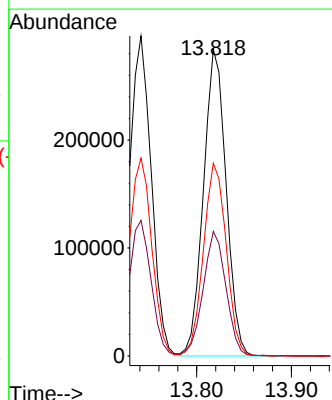
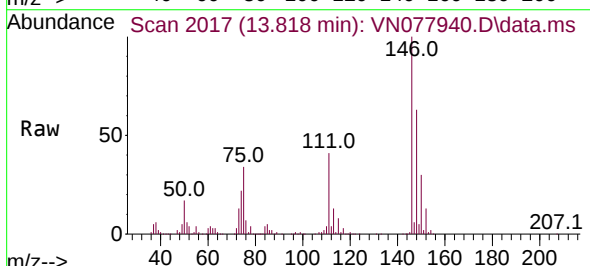
Tgt Ion:146 Resp: 472468

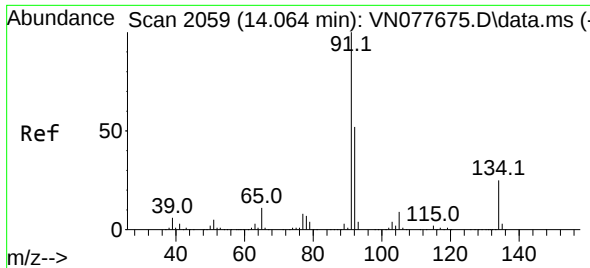
Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

148 63.4 31.6 94.8





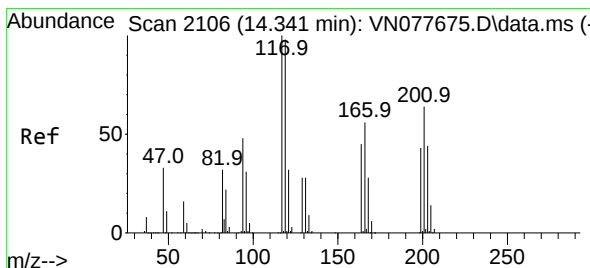
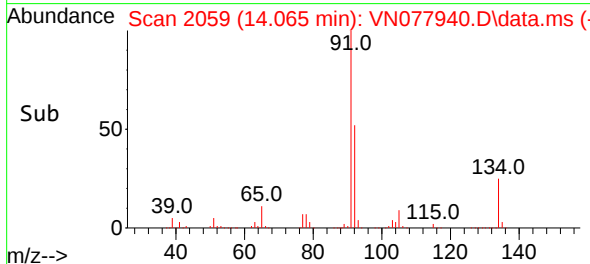
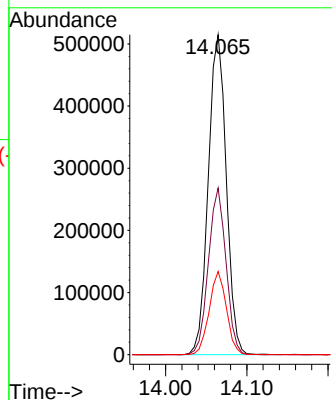
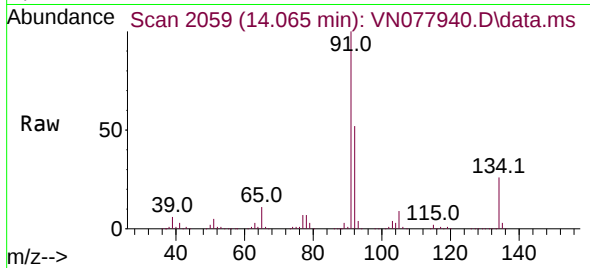
#89
n-Butylbenzene
Concen: 49.799 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 79152
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 25.0 12.6 37.6

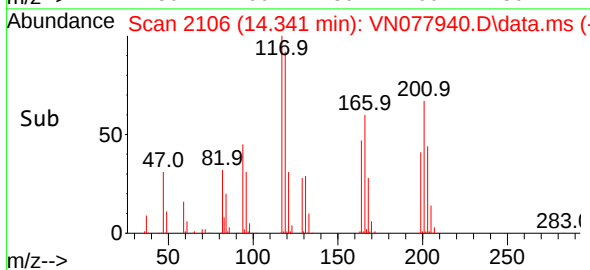
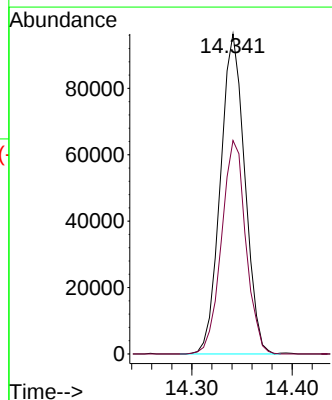
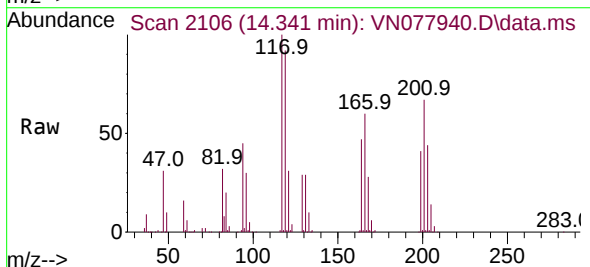
Manual Integrations
APPROVED

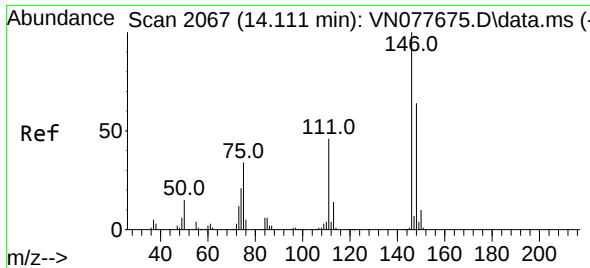
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#90
Hexachloroethane
Concen: 57.319 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Tgt Ion:117 Resp: 162718
Ion Ratio Lower Upper
117 100
201 66.4 29.3 88.0





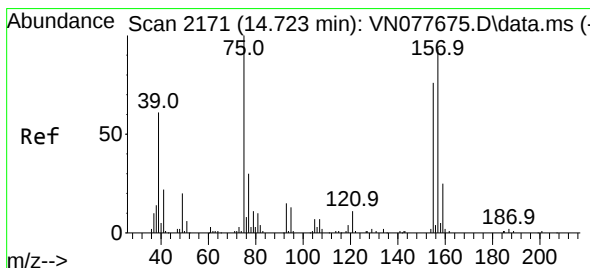
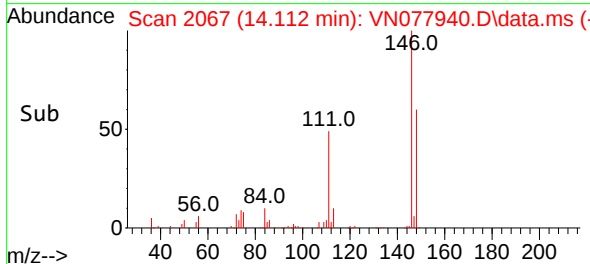
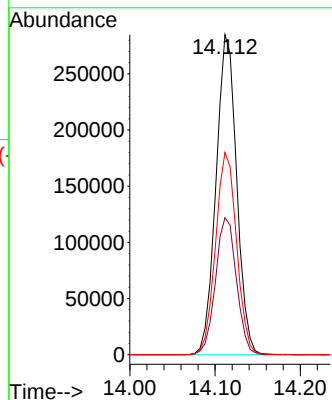
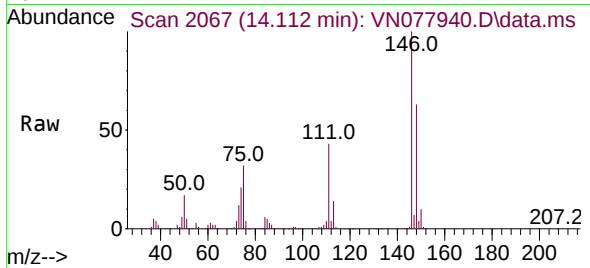
#91
1,2-Dichlorobenzene
Concen: 58.459 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.001 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 47911
Ion Ratio Lower Upper
146 100
111 43.4 22.0 66.0
148 64.5 31.8 95.3

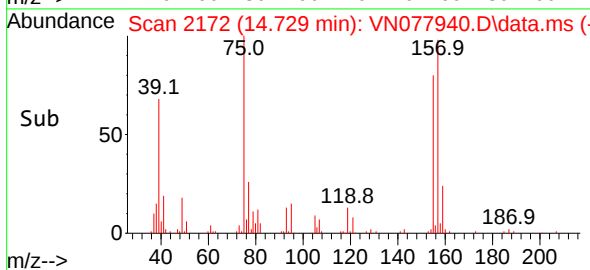
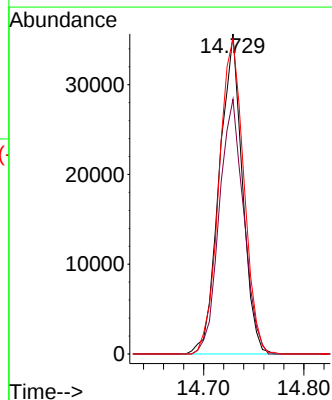
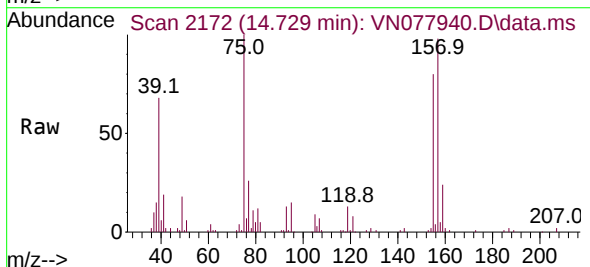
Manual Integrations
APPROVED

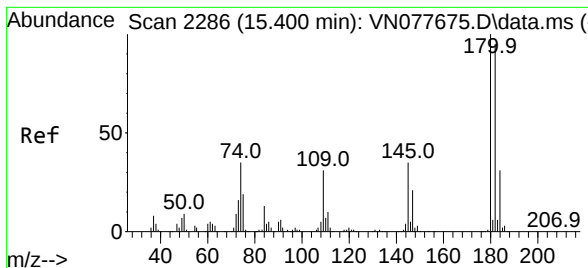
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.927 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

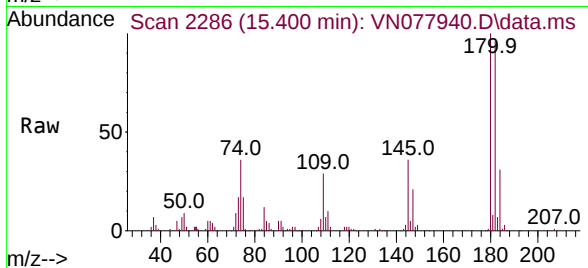
Tgt Ion: 75 Resp: 56861
Ion Ratio Lower Upper
75 100
155 84.2 39.1 117.2
157 106.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 42.179 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28

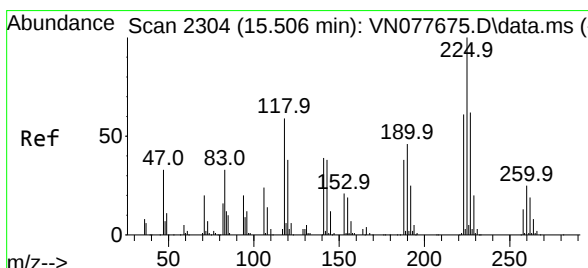
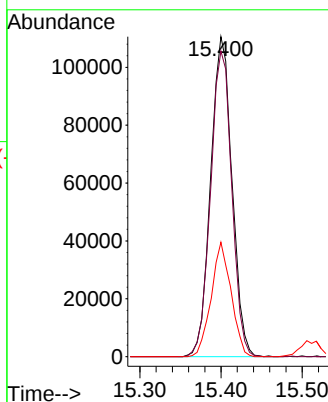
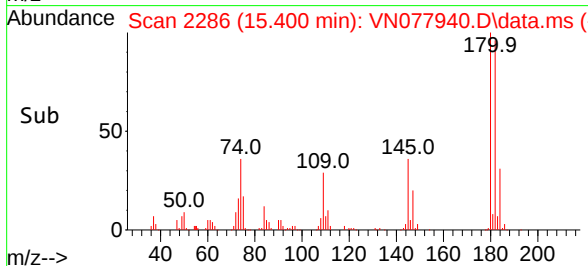
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



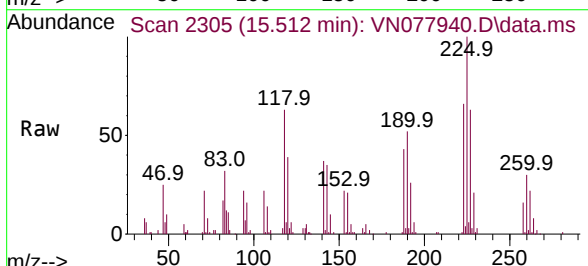
Tgt Ion:180 Resp: 202009
Ion Ratio Lower Upper
180 100
182 94.7 46.1 138.2
145 33.4 16.6 49.8

Manual Integrations
APPROVED

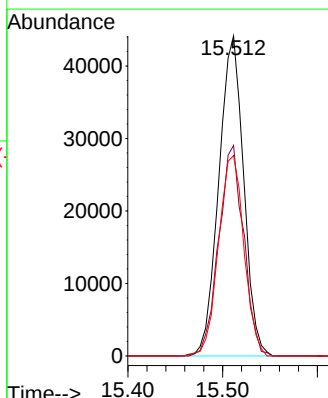
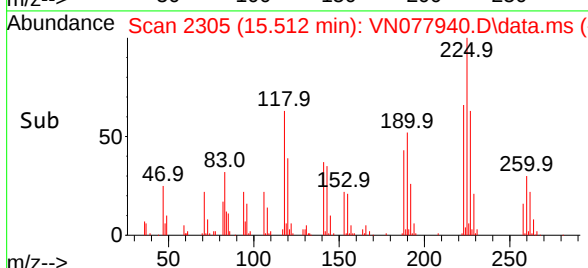
Reviewed By :John Carlone 05/30/2023
Supervised By :Mahesh Dadoda 05/30/2023

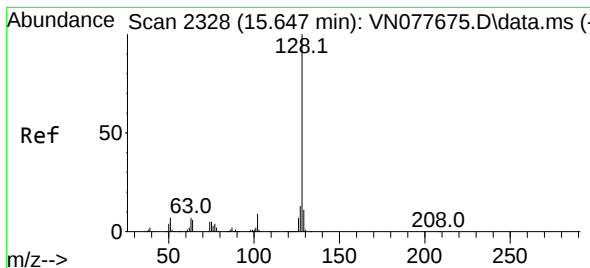


#94
Hexachlorobutadiene
Concen: 40.401 ug/l
RT: 15.512 min Scan# 2305
Delta R.T. 0.006 min
Lab File: VN077940.D
Acq: 26 May 2023 21:28



Tgt Ion:225 Resp: 80339
Ion Ratio Lower Upper
225 100
223 65.7 31.3 93.8
227 64.1 31.9 95.9





#95

Naphthalene

Concen: 38.512 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 634870

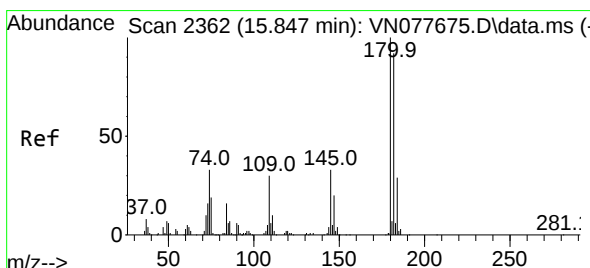
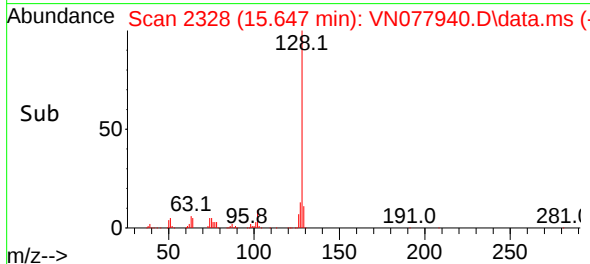
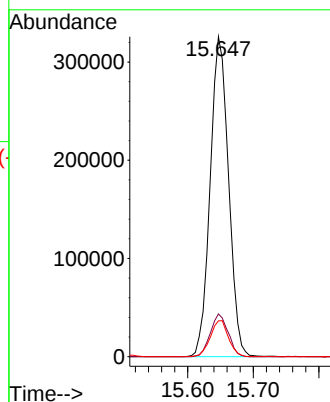
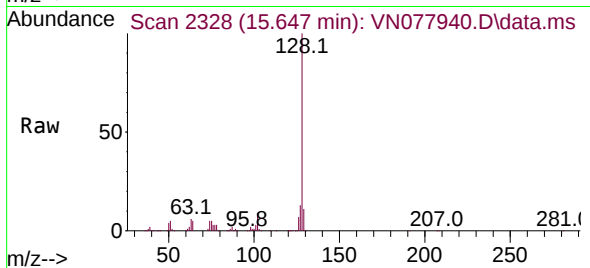
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/30/2023

Supervised By :Mahesh Dadoda 05/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 44.108 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077940.D

Acq: 26 May 2023 21:28

Tgt Ion:180 Resp: 206835

Ion	Ratio	Lower	Upper
180	100		
182	97.7	46.2	138.6
145	35.9	17.5	52.6

