

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078767.D
 Acq On : 28 Mar 2024 11:45
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 29 01:31:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	125412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	208838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	204843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	112522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	56694	48.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.810	113	63721	47.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.780%
50) Toluene-d8	10.269	98	225637	45.629	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.260%
62) 4-Bromofluorobenzene	12.575	95	70894	49.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	47292	40.517	ug/l	95
3) Chloromethane	2.152	50	77115	41.843	ug/l	99
4) Vinyl Chloride	2.287	62	113000	41.564	ug/l	95
5) Bromomethane	2.699	94	109481	42.059	ug/l	97
6) Chloroethane	2.840	64	94684	44.658	ug/l	97
7) Trichlorofluoromethane	3.181	101	92242	42.887	ug/l	98
8) Diethyl Ether	3.593	74	31297	49.838	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	57589	42.664	ug/l	98
10) Methyl Iodide	4.169	142	78813	49.360	ug/l	97
11) Tert butyl alcohol	5.046	59	15658	297.690	ug/l #	93
12) 1,1-Dichloroethene	3.946	96	58018	45.214	ug/l	92
13) Acrolein	3.799	56	8904	108.065	ug/l	98
14) Allyl chloride	4.569	41	67852	47.390	ug/l	98
15) Acrylonitrile	5.257	53	67386	266.191	ug/l	97
16) Acetone	4.022	43	63047	277.405	ug/l	96
17) Carbon Disulfide	4.275	76	170977	40.645	ug/l	99
18) Methyl Acetate	4.563	43	28496	58.423	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	142007	54.877	ug/l	94
20) Methylene Chloride	4.804	84	84905	55.314	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	73548	48.575	ug/l	94
22) Diisopropyl ether	6.216	45	171612	52.718	ug/l	95
23) Vinyl Acetate	6.157	43	510534	268.118	ug/l	98
24) 1,1-Dichloroethane	6.116	63	122467	50.179	ug/l	98
25) 2-Butanone	7.081	43	79259	262.305	ug/l	91
26) 2,2-Dichloropropane	7.075	77	101017	48.921	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	88727	51.378	ug/l	96
28) Bromochloromethane	7.428	49	40915	47.023	ug/l	100
29) Tetrahydrofuran	7.440	42	45476	276.705	ug/l	98
30) Chloroform	7.598	83	136212	50.056	ug/l	98
31) Cyclohexane	7.875	56	77808	39.387	ug/l	94
32) 1,1,1-Trichloroethane	7.798	97	108850	47.146	ug/l	98
36) 1,1-Dichloropropene	8.010	75	91295	46.796	ug/l	98
37) Ethyl Acetate	7.163	43	32575	51.111	ug/l	98
38) Carbon Tetrachloride	7.992	117	94383	45.890	ug/l	99
39) Methylcyclohexane	9.275	83	98042	43.321	ug/l	96
40) Benzene	8.251	78	290485	49.256	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	19168	57.390	ug/l	93
42) 1,2-Dichloroethane	8.328	62	74209	51.599	ug/l	99
43) Isopropyl Acetate	8.357	43	61286	52.875	ug/l #	84
44) Trichloroethene	9.028	130	78761	49.212	ug/l	93
45) 1,2-Dichloropropane	9.304	63	72843	52.069	ug/l	98
46) Dibromomethane	9.392	93	43381	51.729	ug/l	98
47) Bromodichloromethane	9.586	83	107466	53.830	ug/l	97
48) Methyl methacrylate	9.381	41	28070	49.703	ug/l	90
49) 1,4-Dioxane	9.386	88	8511	1096.113	ug/l	88
51) 4-Methyl-2-Pentanone	10.163	43	167661	276.689	ug/l	99
52) Toluene	10.334	92	190454	50.162	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	97327	53.320	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	115424	52.601	ug/l	98
55) 1,1,2-Trichloroethane	10.733	97	61806	55.036	ug/l	97
56) Ethyl methacrylate	10.598	69	63157	56.100	ug/l	97
57) 1,3-Dichloropropane	10.881	76	97528	53.821	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	142185	286.427	ug/l	99
59) 2-Hexanone	10.922	43	125689	279.807	ug/l	100
60) Dibromochloromethane	11.075	129	74608	53.871	ug/l	97
61) 1,2-Dibromoethane	11.181	107	56586	52.066	ug/l	99
64) Tetrachloroethene	10.810	164	62677	46.237	ug/l	91
65) Chlorobenzene	11.610	112	214430	50.094	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.680	131	79712	50.847	ug/l	99
67) Ethyl Benzene	11.686	91	366370	50.226	ug/l	96
68) m/p-Xylenes	11.792	106	299497	101.112	ug/l	98
69) o-Xylene	12.122	106	139172	50.782	ug/l	96
70) Styrene	12.133	104	247125	53.724	ug/l	99
71) Bromoform	12.298	173	45181	53.330	ug/l #	97
73) Isopropylbenzene	12.422	105	348865	47.090	ug/l	100
74) N-amyl acetate	12.233	43	60620	50.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	68665	50.067	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	78333	90.358	ug/l #	100
77) Bromobenzene	12.704	156	90616	49.321	ug/l	97
78) n-propylbenzene	12.763	91	428628	47.531	ug/l	100
79) 2-Chlorotoluene	12.851	91	236314	47.768	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	299326	48.858	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	20556	49.704	ug/l	96
82) 4-Chlorotoluene	12.945	91	251963	48.153	ug/l	99
83) tert-Butylbenzene	13.169	119	250600	47.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	306800	49.692	ug/l	98
85) sec-Butylbenzene	13.345	105	377747	47.253	ug/l	99
86) p-Isopropyltoluene	13.463	119	330271	48.260	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	189391	48.848	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	188190	49.251	ug/l	99
89) n-Butylbenzene	13.786	91	293719	47.523	ug/l	99
90) Hexachloroethane	14.057	117	65039	45.930	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	164227	49.181	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8885	48.429	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	98148	50.363	ug/l	97
94) Hexachlorobutadiene	15.204	225	50175	47.557	ug/l	98
95) Naphthalene	15.333	128	173909	51.327	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	87012	51.610	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

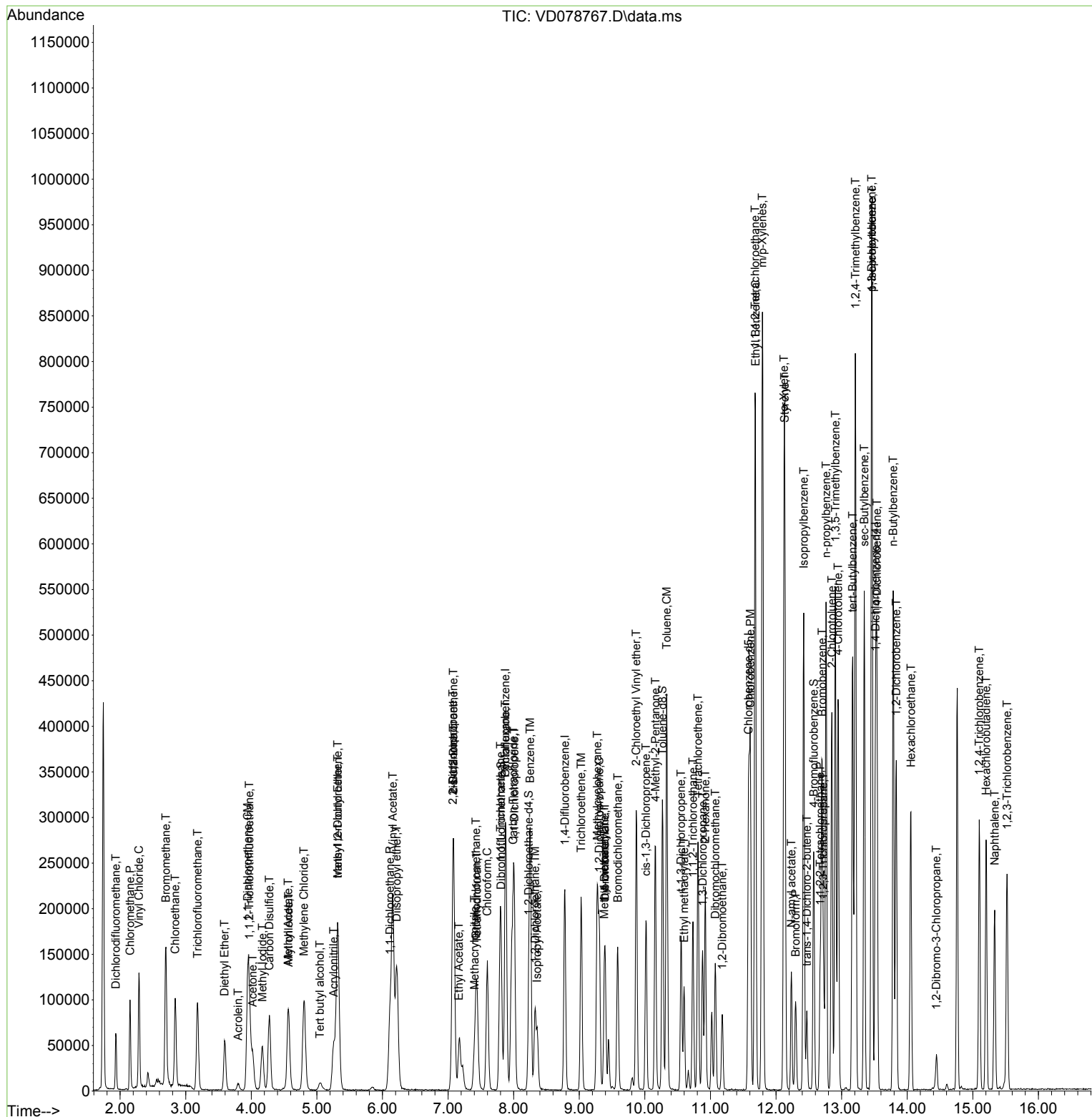
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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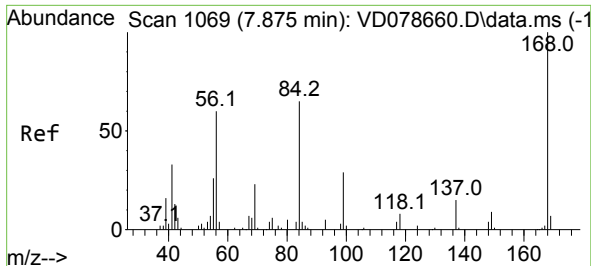
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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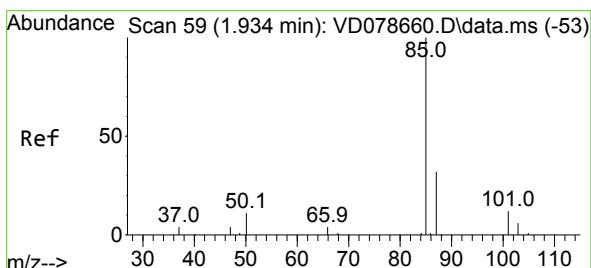
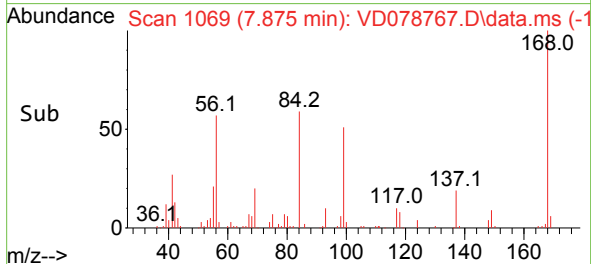
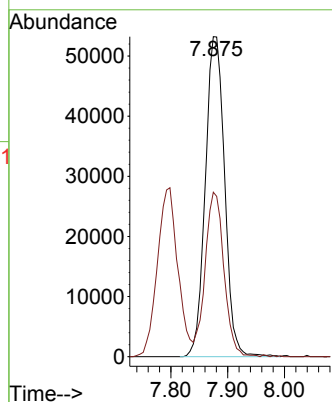
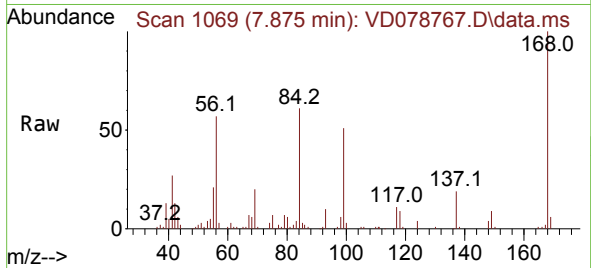




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078767.D
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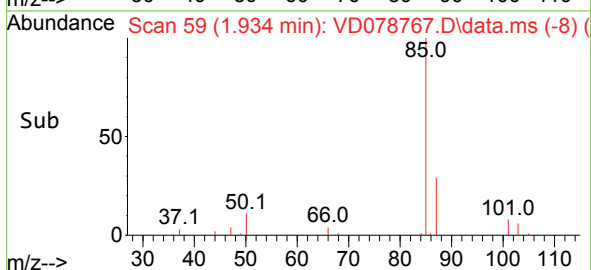
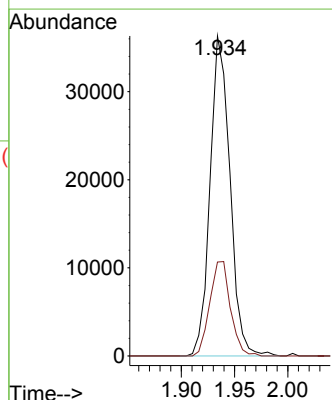
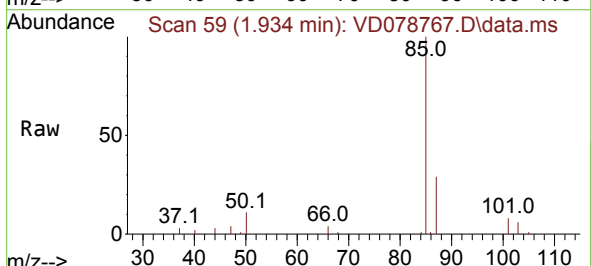
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

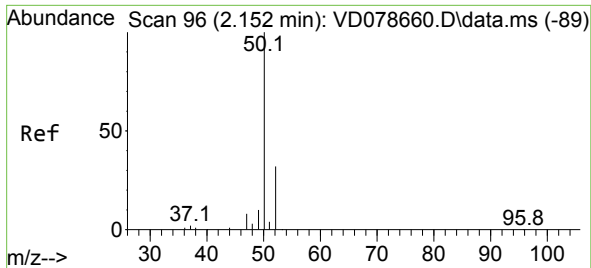
Tgt Ion:168 Resp: 125412
Ion Ratio Lower Upper
168 100
99 51.1 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 40.517 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 85 Resp: 47292
Ion Ratio Lower Upper
85 100
87 29.4 16.2 48.5

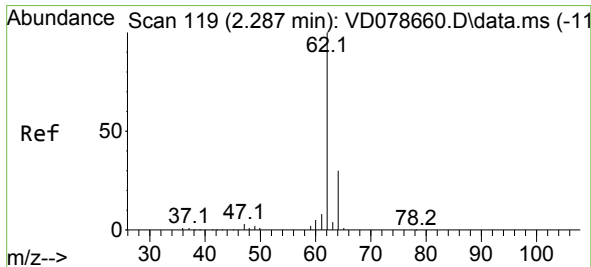
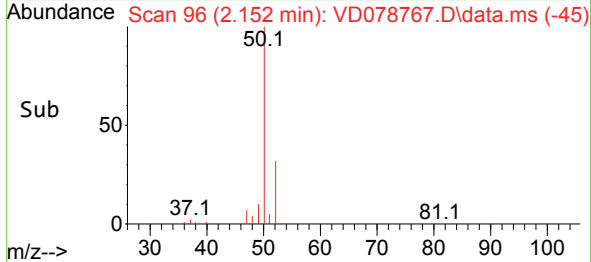
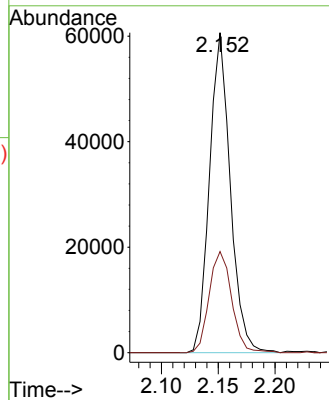
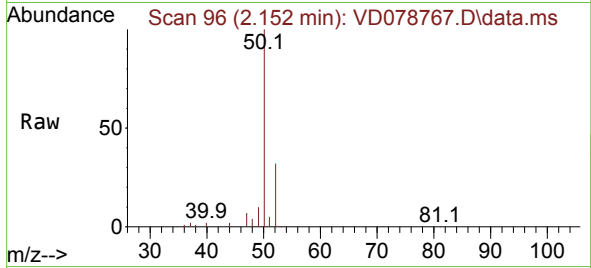




#3
Chloromethane
Concen: 41.843 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

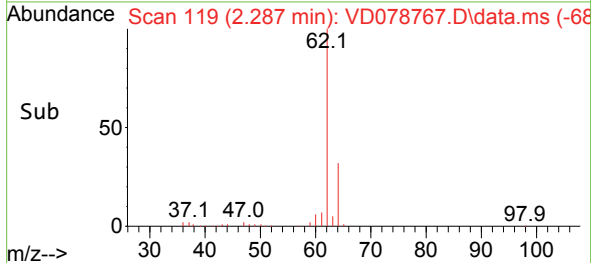
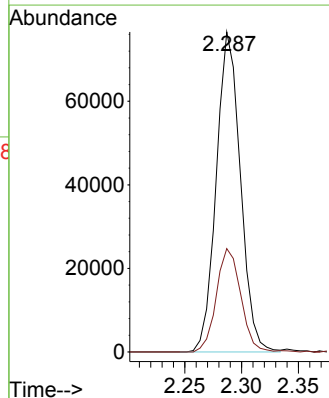
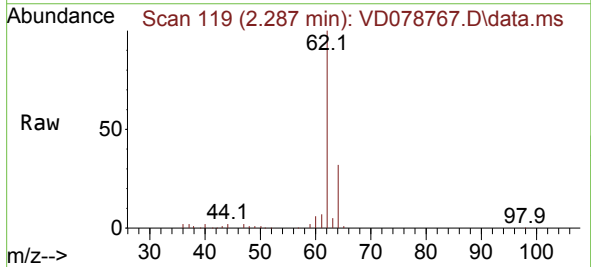
Instrument :
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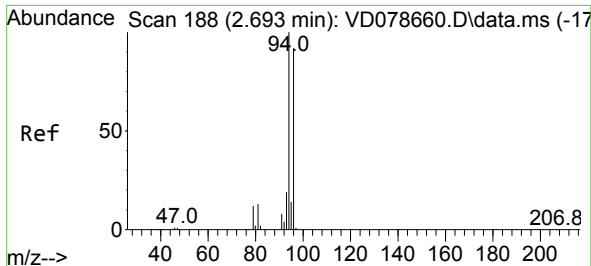
Tgt Ion: 50 Resp: 77115
Ion Ratio Lower Upper
50 100
52 31.6 25.6 38.4



#4
Vinyl Chloride
Concen: 41.564 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 62 Resp: 113000
Ion Ratio Lower Upper
62 100
64 32.3 23.7 35.5

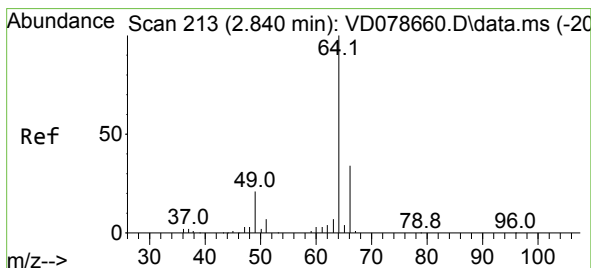
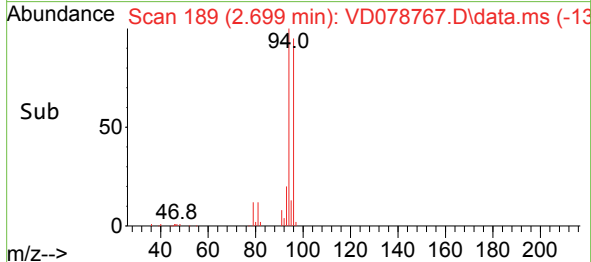
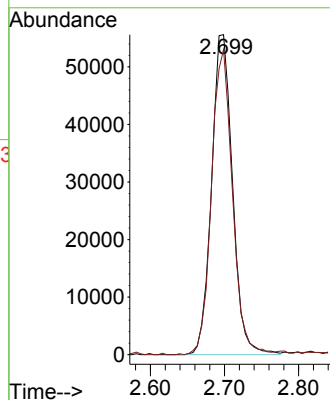
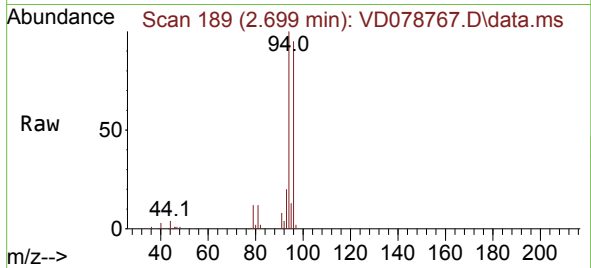




#5
Bromomethane
Concen: 42.059 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

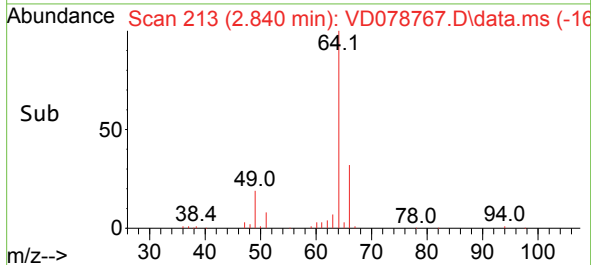
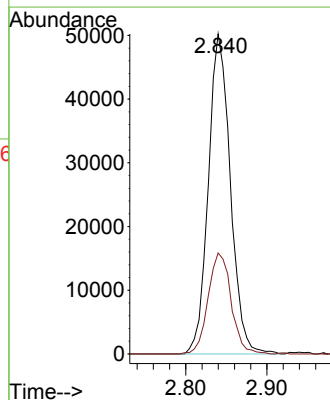
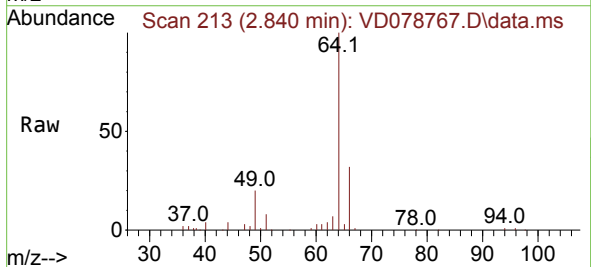
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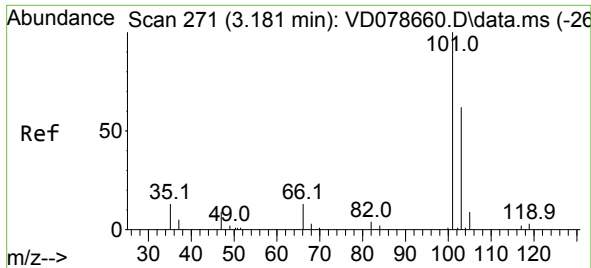
Tgt Ion: 94 Resp: 109481
Ion Ratio Lower Upper
94 100
96 94.9 73.5 110.3



#6
Chloroethane
Concen: 44.658 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 64 Resp: 94684
Ion Ratio Lower Upper
64 100
66 31.6 26.8 40.2

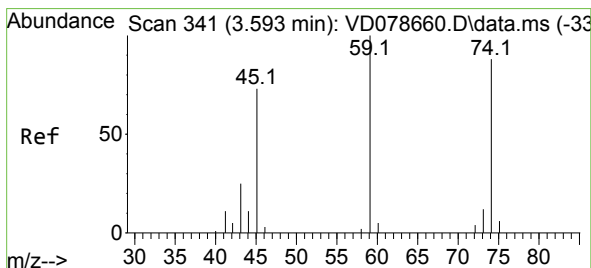
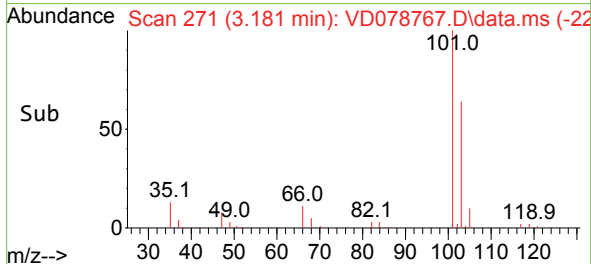
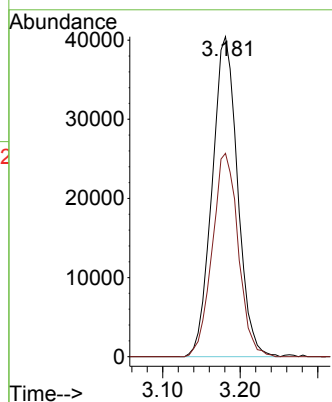
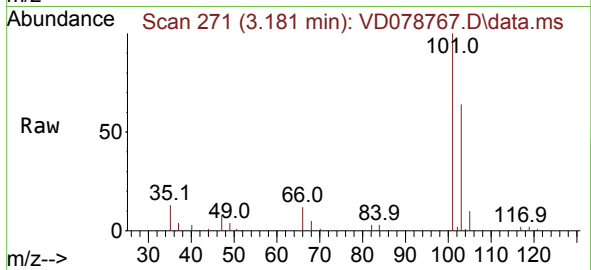




#7
 Trichlorofluoromethane
 Concen: 42.887 ug/l
 RT: 3.181 min Scan# 271
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

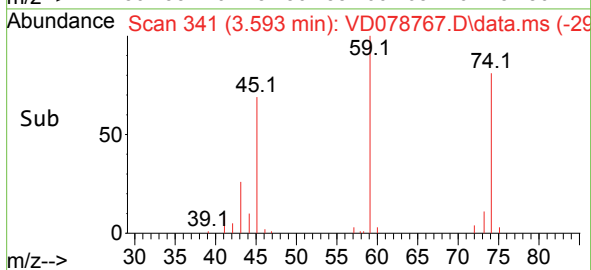
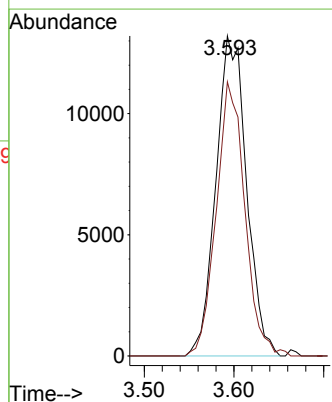
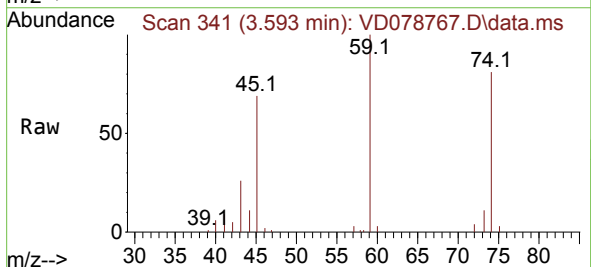
Instrument :
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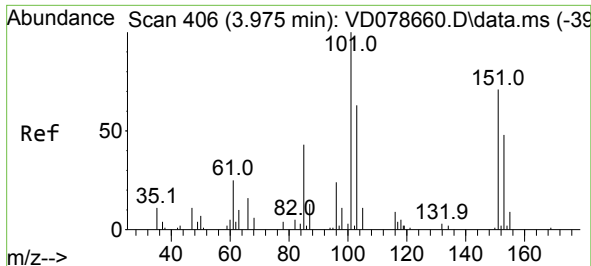
Tgt Ion:101 Resp: 92242
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.7 74.5



#8
 Diethyl Ether
 Concen: 49.838 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

Tgt Ion: 74 Resp: 31297
 Ion Ratio Lower Upper
 74 100
 45 80.0 42.4 127.3

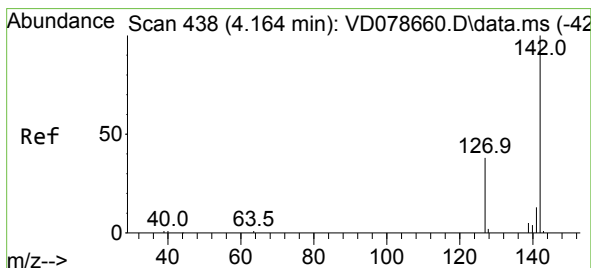
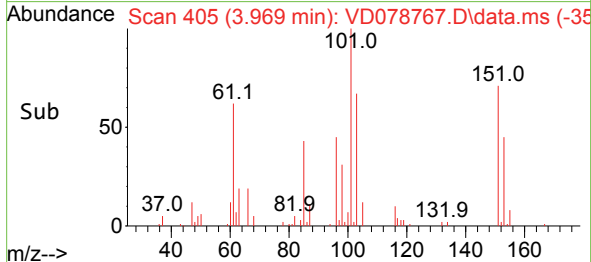
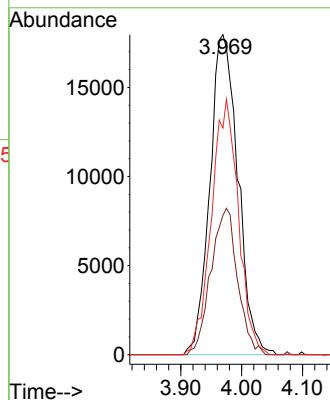
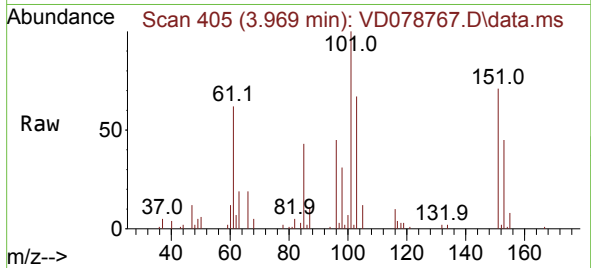




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.664 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

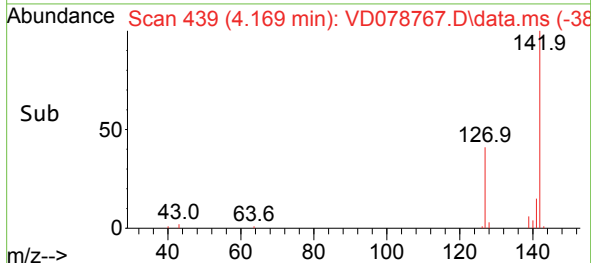
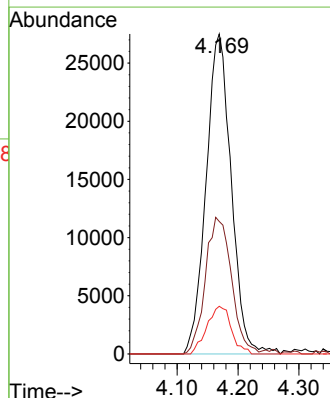
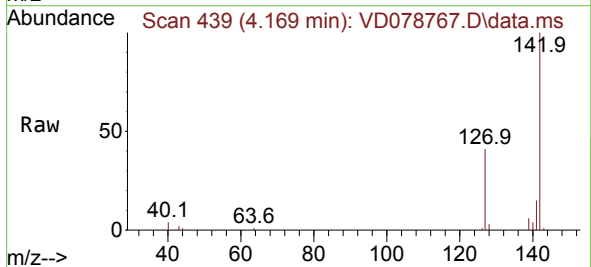
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

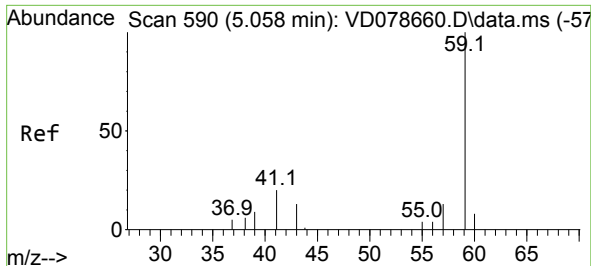
Tgt Ion:101 Resp: 57589
Ion Ratio Lower Upper
101 100
85 43.5 35.8 53.6
151 76.4 59.4 89.2



#10
Methyl Iodide
Concen: 49.360 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:142 Resp: 78813
Ion Ratio Lower Upper
142 100
127 44.4 33.5 50.3
141 14.5 11.7 17.5

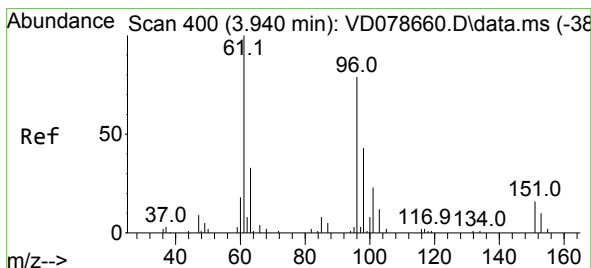
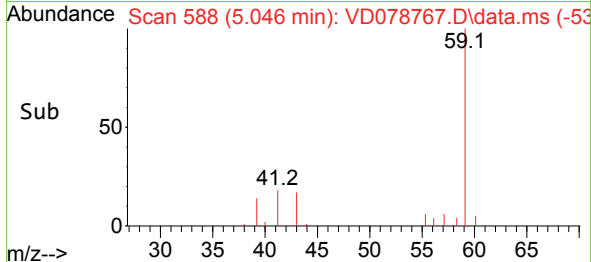
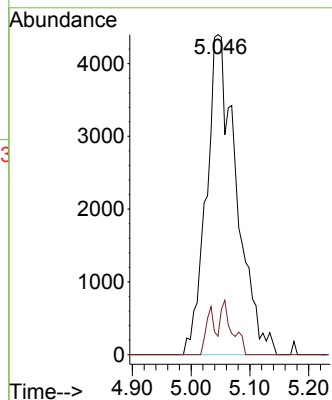
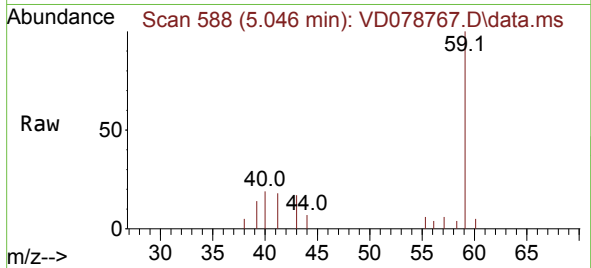




#11
Tert butyl alcohol
Concen: 297.690 ug/l
RT: 5.046 min Scan# 59
Delta R.T. -0.012 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

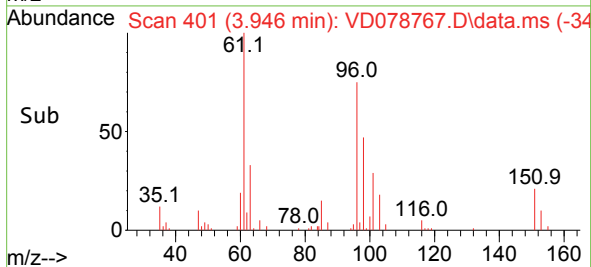
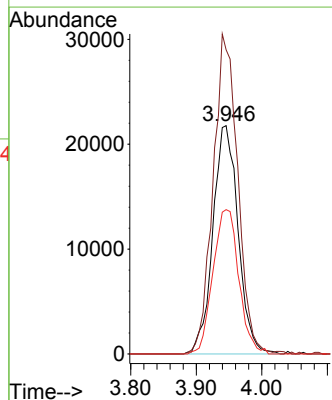
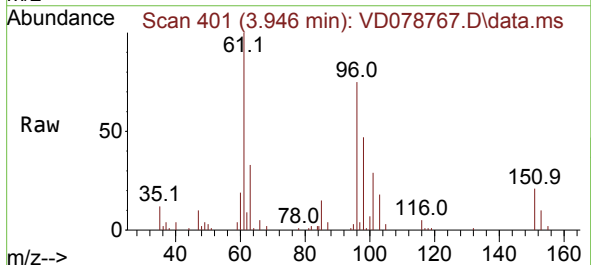
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

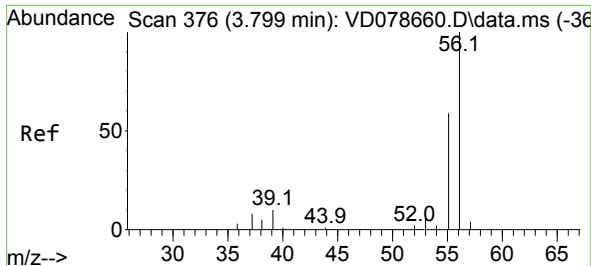
Tgt Ion: 59 Resp: 15658
Ion Ratio Lower Upper
59 100
57 6.5 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 45.214 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 96 Resp: 58018
Ion Ratio Lower Upper
96 100
61 133.2 101.4 152.0
98 63.2 43.4 65.0

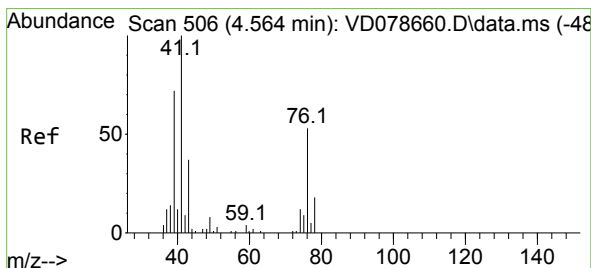
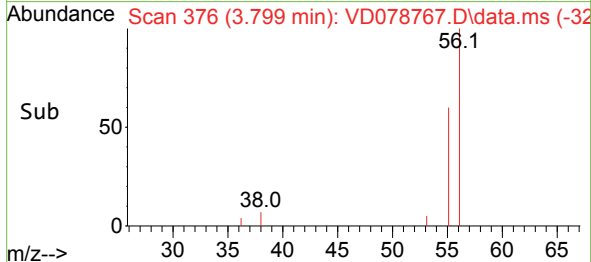
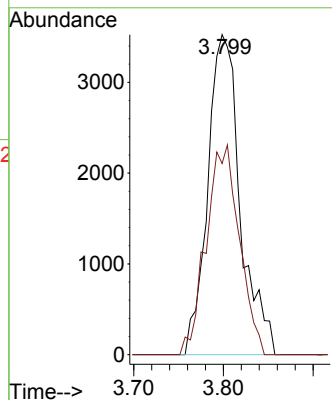
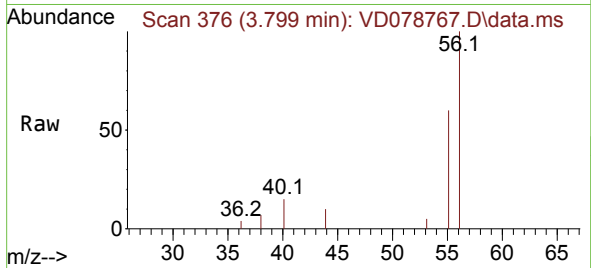




#13
Acrolein
Concen: 108.065 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

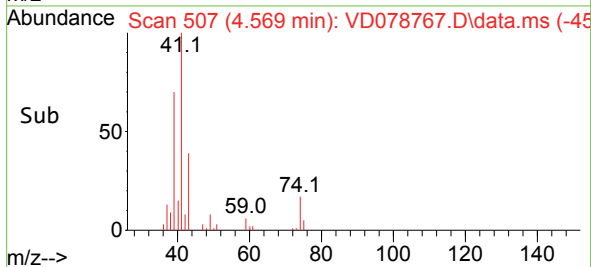
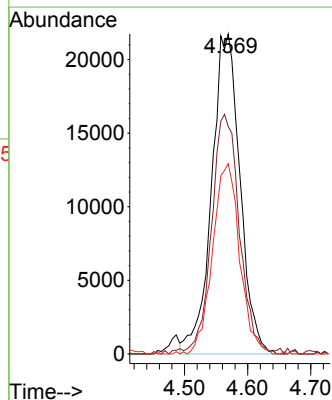
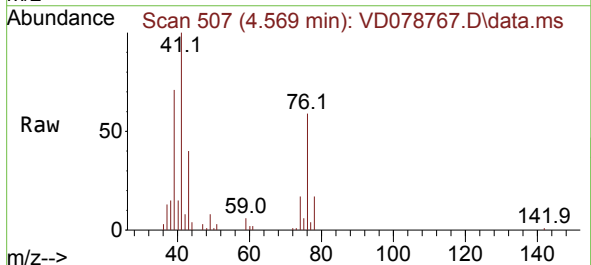
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

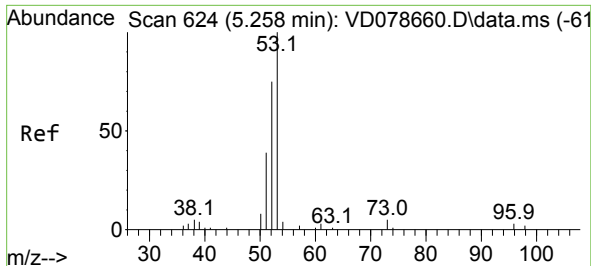
Tgt Ion: 56 Resp: 8904
Ion Ratio Lower Upper
56 100
55 66.7 54.9 82.3



#14
Allyl chloride
Concen: 47.390 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 41 Resp: 67852
Ion Ratio Lower Upper
41 100
39 73.8 57.8 86.6
76 56.8 44.8 67.2

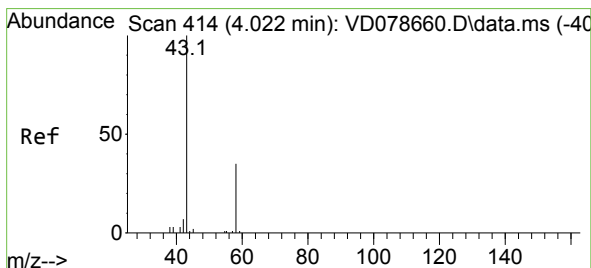
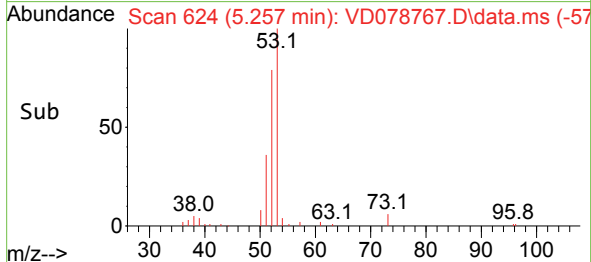
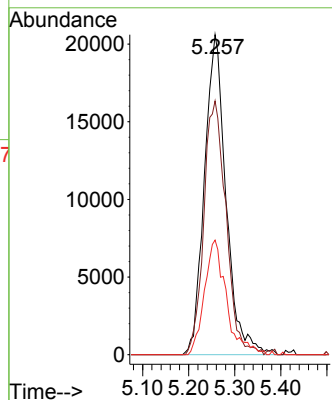
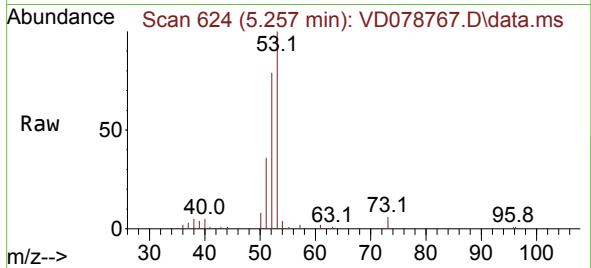




#15
Acrylonitrile
Concen: 266.191 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

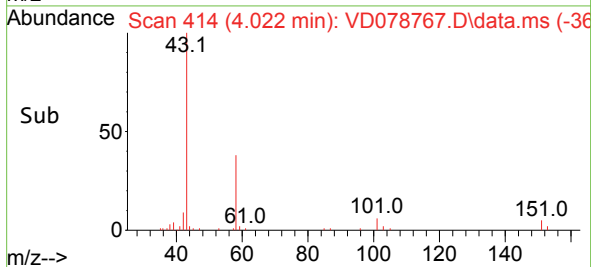
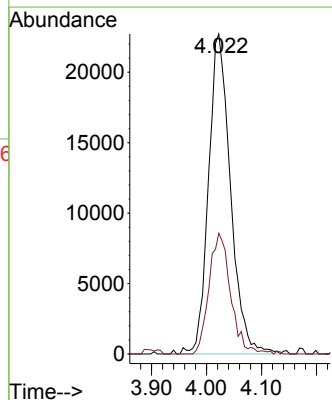
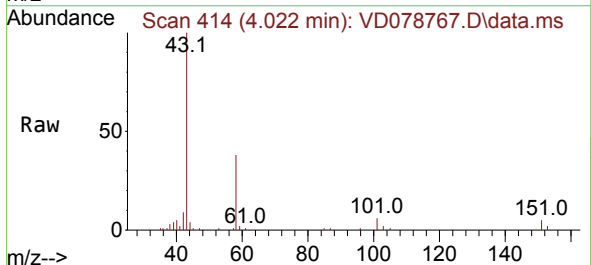
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

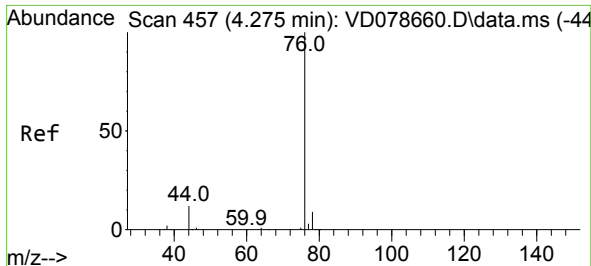
Tgt Ion:	53	Resp:	67386
Ion	Ratio	Lower	Upper
53	100		
52	81.4	61.9	92.9
51	36.5	29.0	43.4



#16
Acetone
Concen: 277.405 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:	43	Resp:	63047
Ion	Ratio	Lower	Upper
43	100		
58	37.7	28.2	42.4

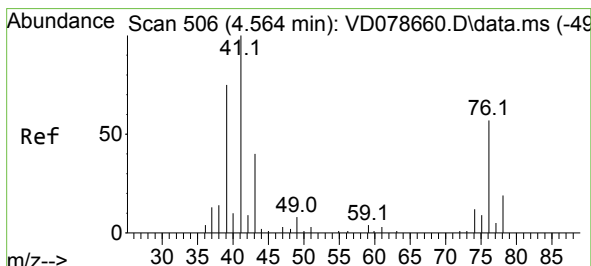
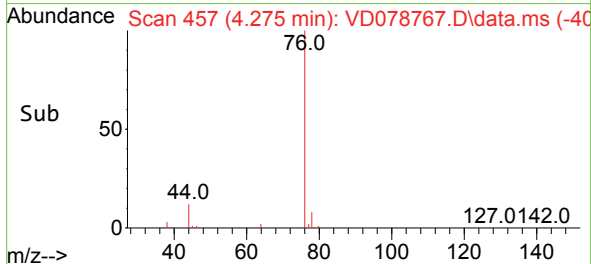
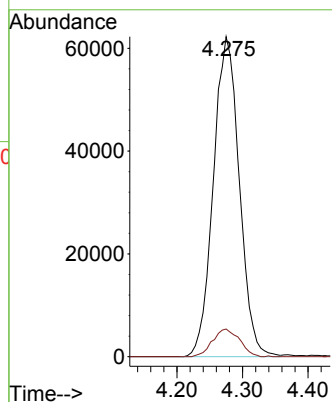
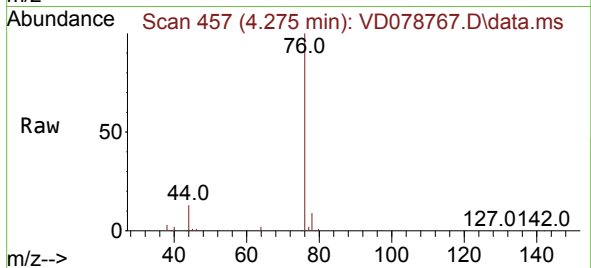




#17
Carbon Disulfide
Concen: 40.645 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

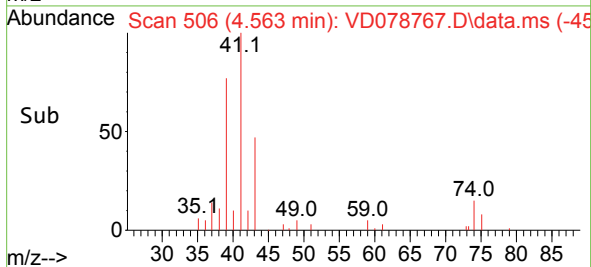
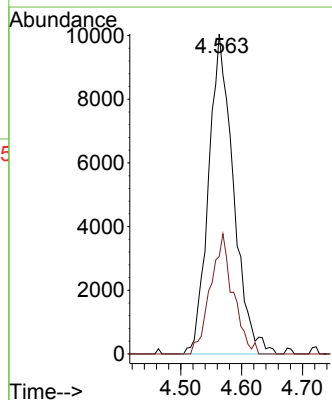
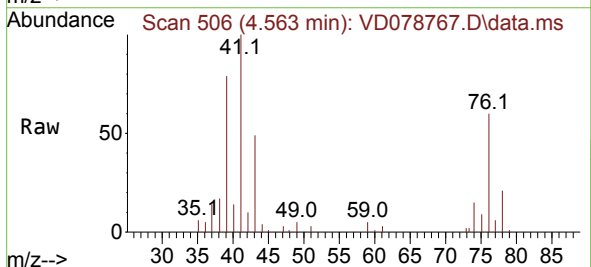
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

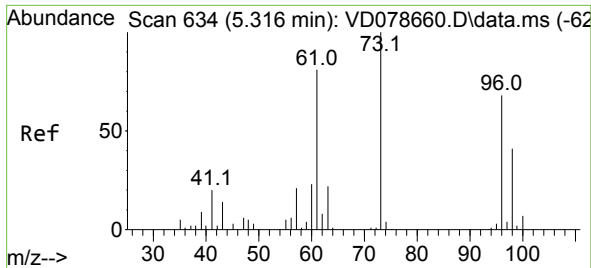
Tgt Ion: 76 Resp: 170977
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 58.423 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 43 Resp: 28496
Ion Ratio Lower Upper
43 100
74 34.1 25.3 37.9

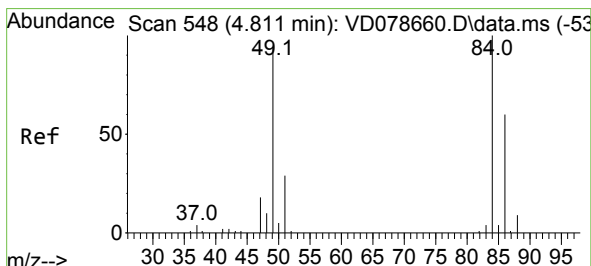
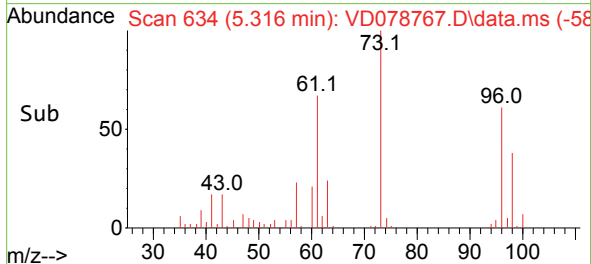
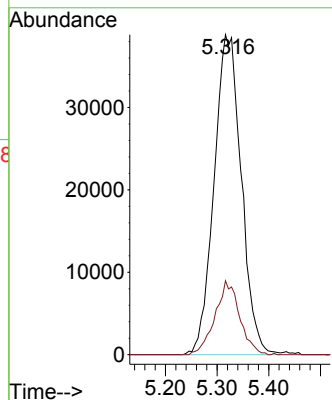
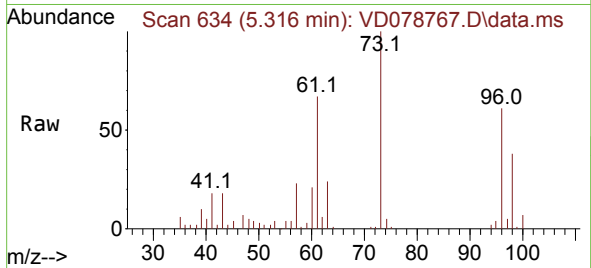




#19
Methyl tert-butyl Ether
Concen: 54.877 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

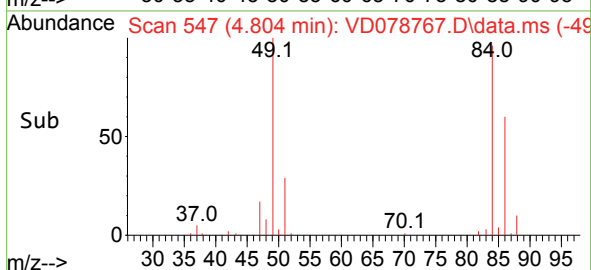
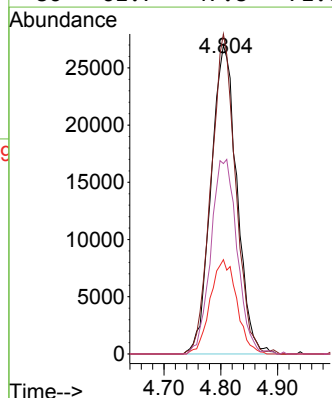
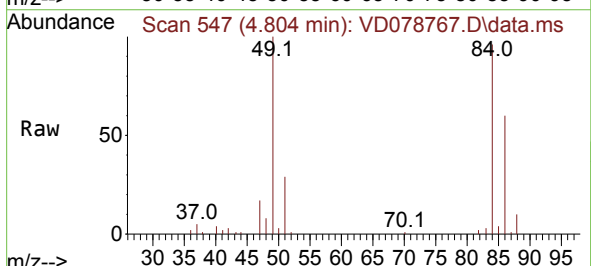
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

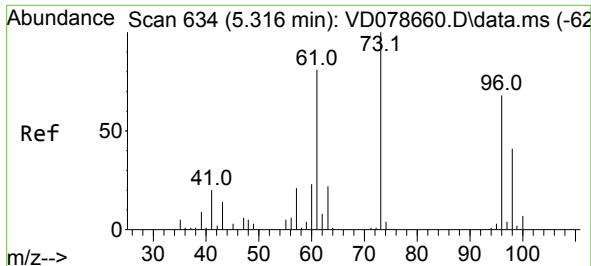
Tgt Ion: 73 Resp: 142007
Ion Ratio Lower Upper
73 100
57 23.1 16.4 24.6



#20
Methylene Chloride
Concen: 55.314 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.007 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 84 Resp: 84905
Ion Ratio Lower Upper
84 100
49 103.6 75.6 113.4
51 30.5 23.4 35.0
86 61.7 47.8 71.6

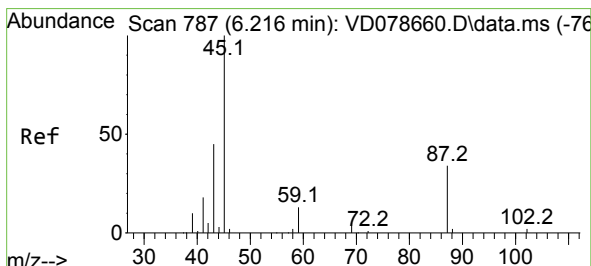
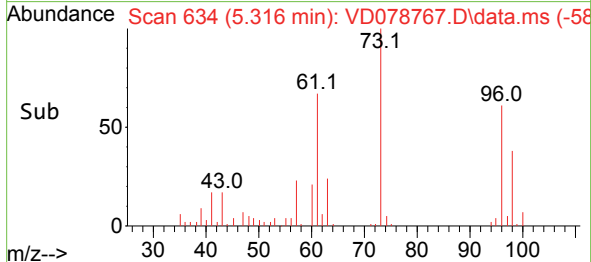
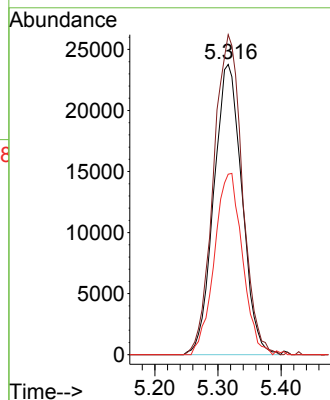
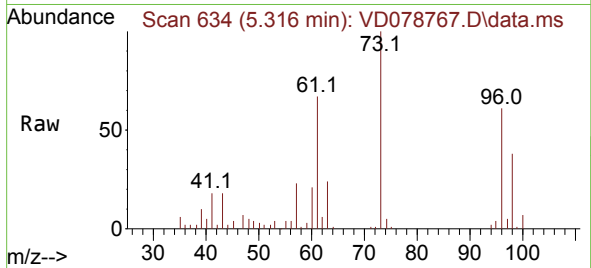




#21
trans-1,2-Dichloroethene
Concen: 48.575 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

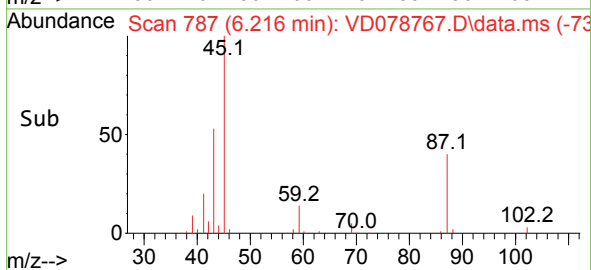
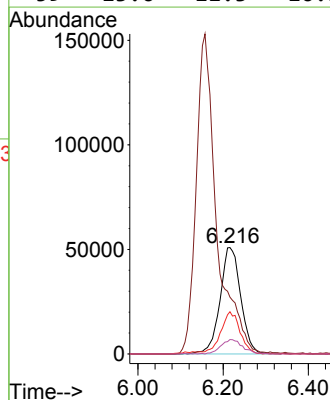
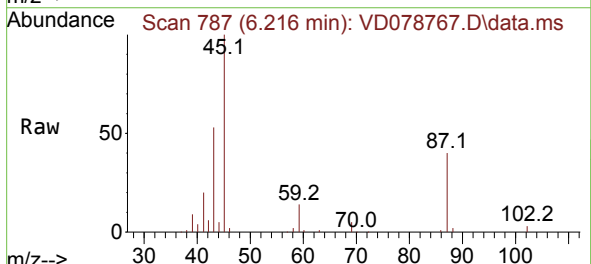
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

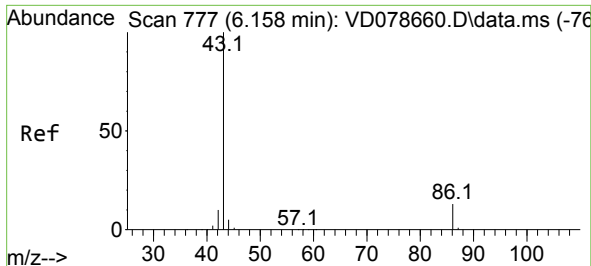
Tgt Ion: 96 Resp: 73548
Ion Ratio Lower Upper
96 100
61 110.2 96.1 144.1
98 62.2 48.9 73.3



#22
Diisopropyl ether
Concen: 52.718 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 45 Resp: 171612
Ion Ratio Lower Upper
45 100
43 52.6 44.3 66.5
87 39.7 28.3 42.5
59 13.6 11.3 16.9

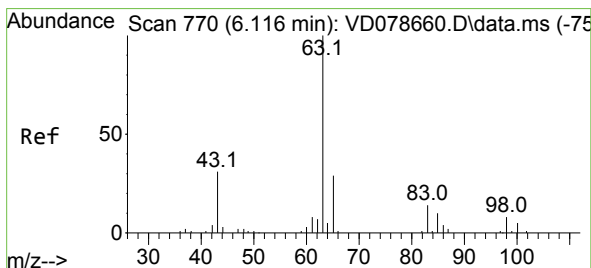
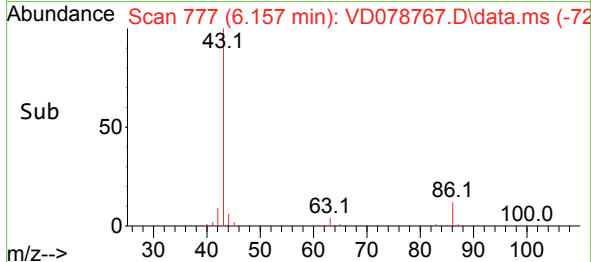
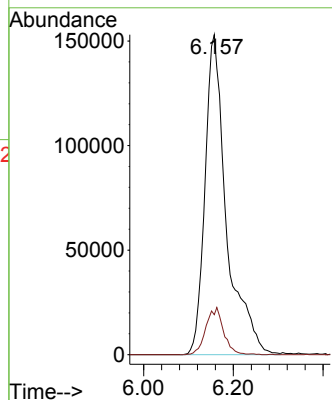
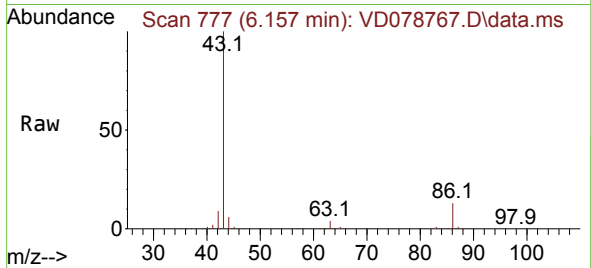




#23
 Vinyl Acetate
 Concen: 268.118 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

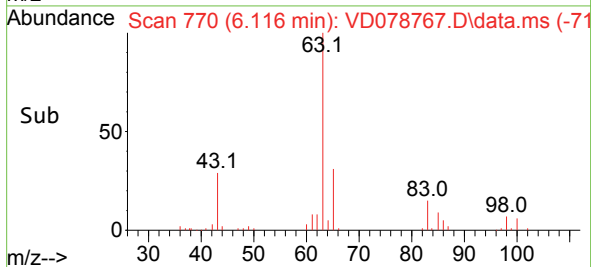
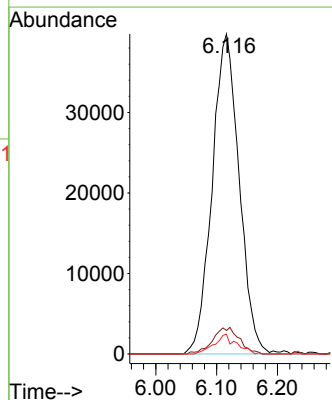
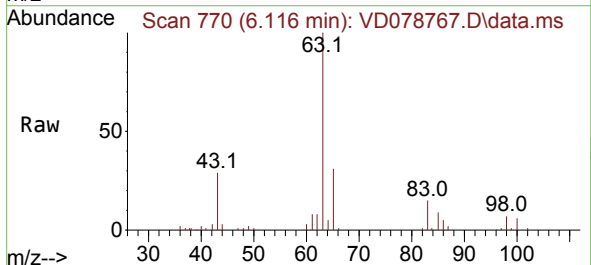
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

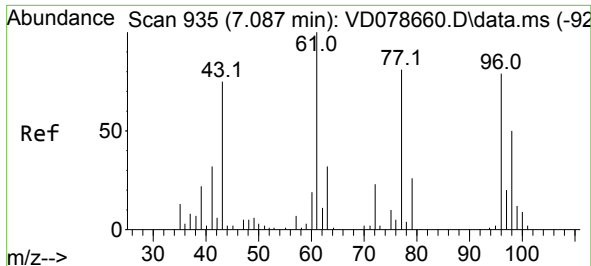
Tgt Ion: 43 Resp: 510534
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 50.179 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

Tgt Ion: 63 Resp: 122467
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 11.9
 100 6.2 2.7 8.1

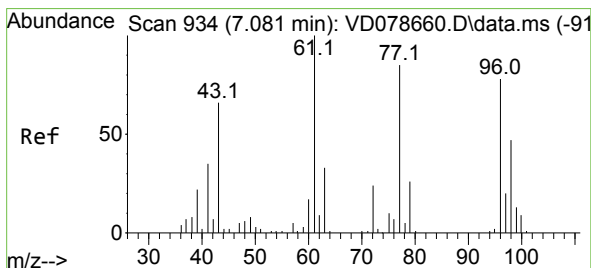
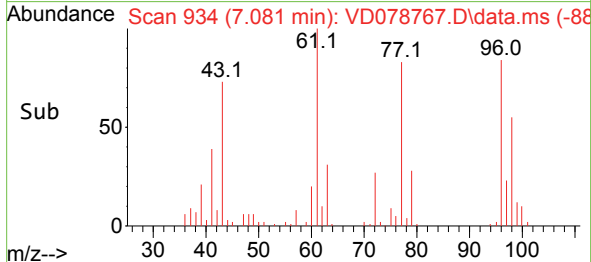
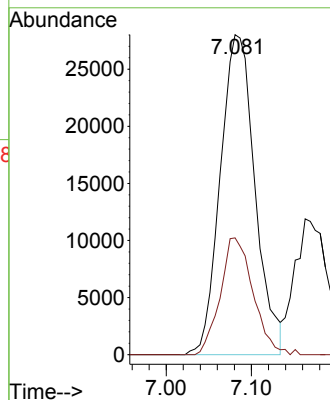
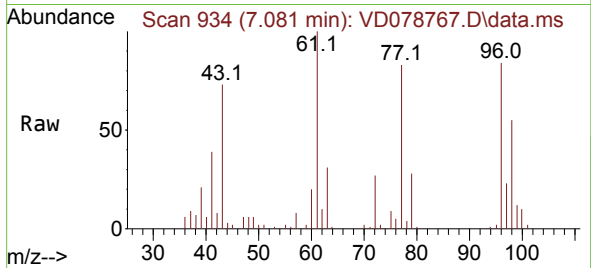




#25
2-Butanone
Concen: 262.305 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

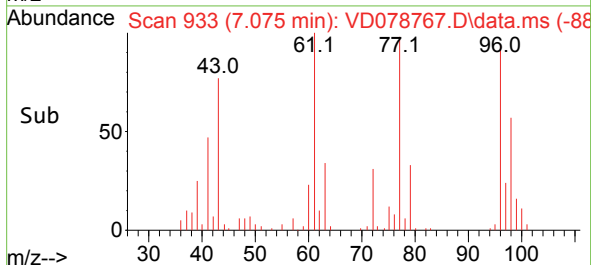
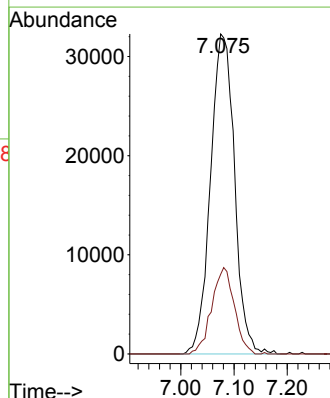
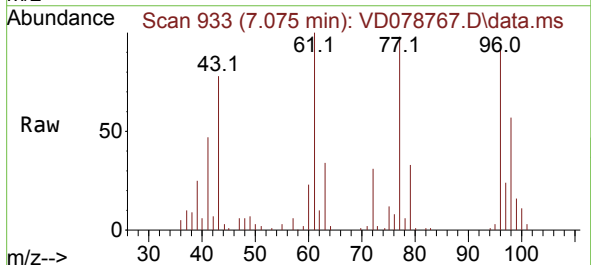
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

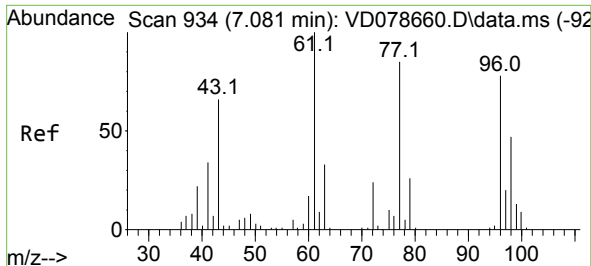
Tgt Ion: 43 Resp: 79259
Ion Ratio Lower Upper
43 100
72 36.5 25.0 37.6



#26
2,2-Dichloropropane
Concen: 48.921 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 77 Resp: 101017
Ion Ratio Lower Upper
77 100
97 25.5 12.4 37.0

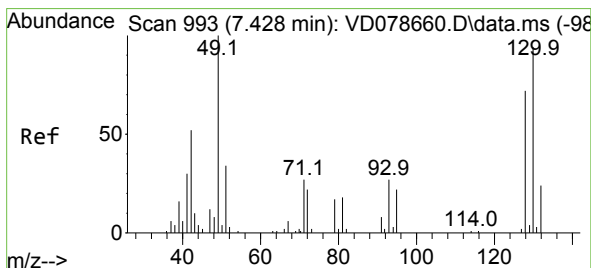
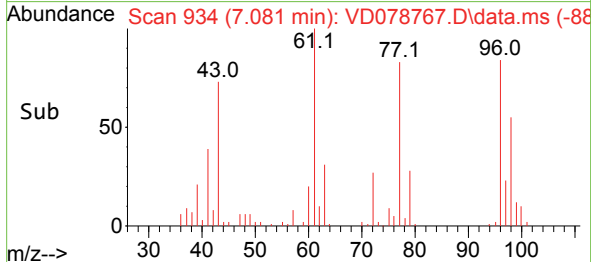
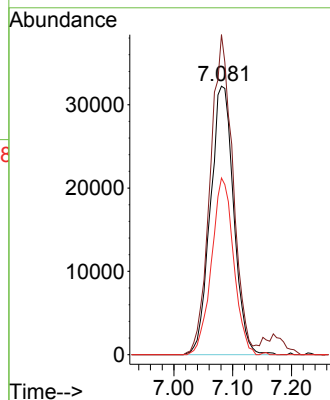
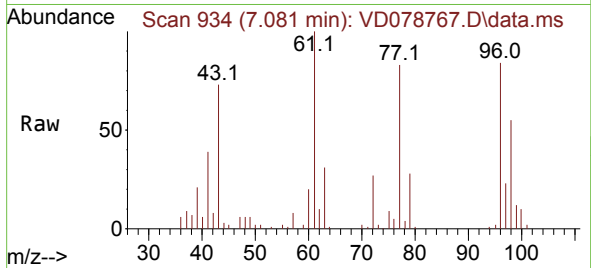




#27
 cis-1,2-Dichloroethene
 Concen: 51.378 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

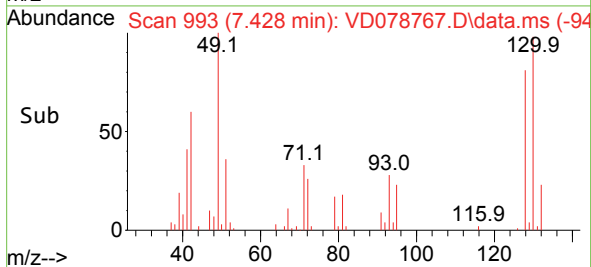
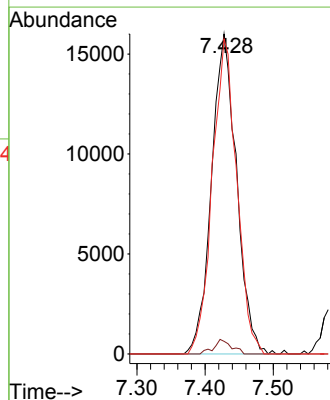
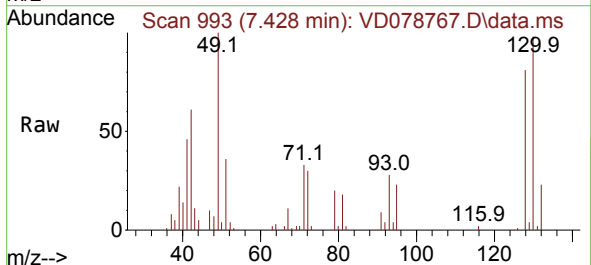
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

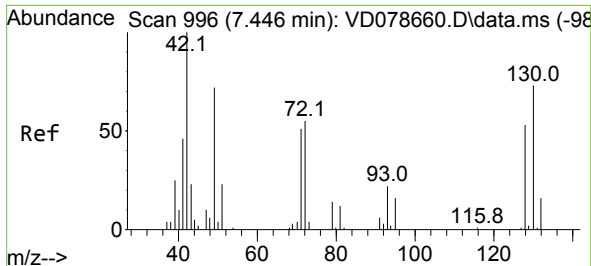
Tgt Ion: 96 Resp: 88727
 Ion Ratio Lower Upper
 96 100
 61 115.8 0.0 245.0
 98 62.2 0.0 126.6



#28
 Bromochloromethane
 Concen: 47.023 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

Tgt Ion: 49 Resp: 40915
 Ion Ratio Lower Upper
 49 100
 129 3.2 0.0 6.2
 130 96.0 77.1 115.7

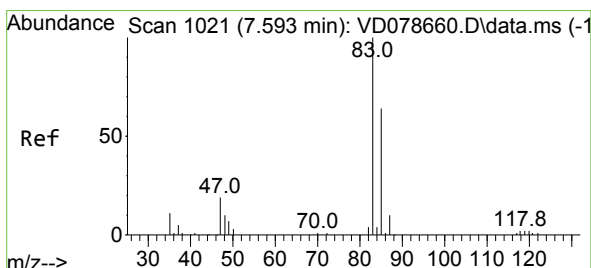
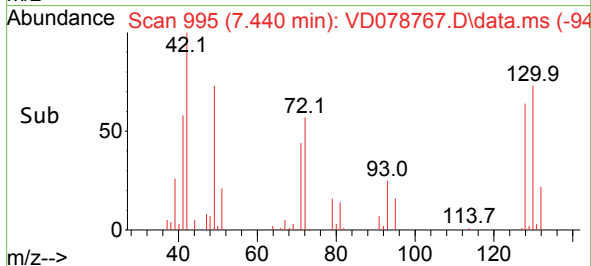
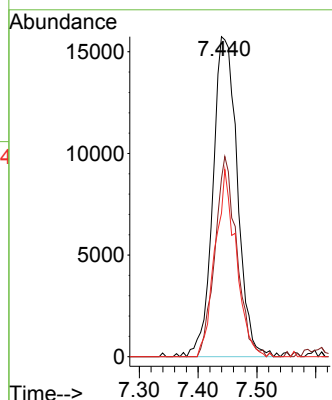
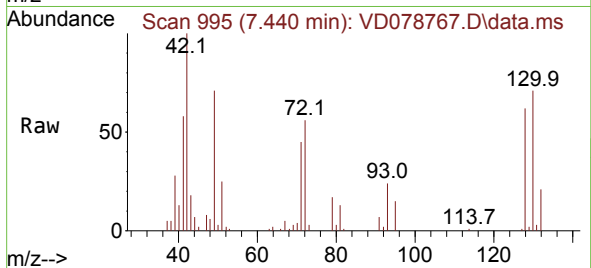




#29
Tetrahydrofuran
Concen: 276.705 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

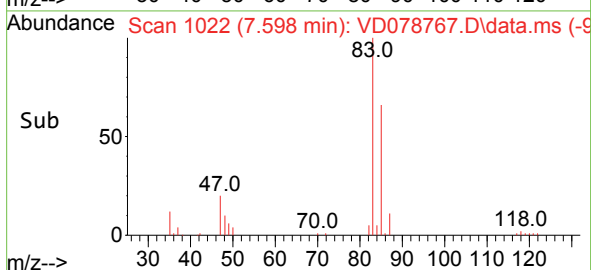
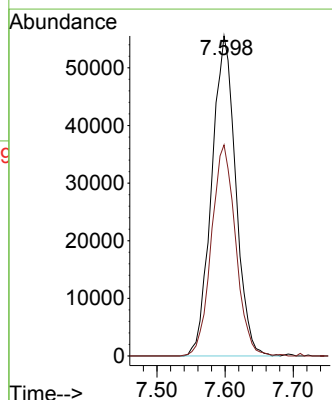
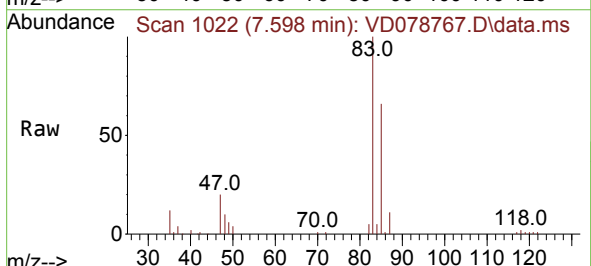
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

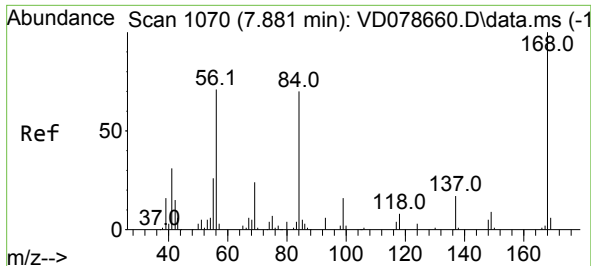
Tgt Ion:	42	Resp:	45476
Ion	Ratio	Lower	Upper
42	100		
72	55.8	43.8	65.6
71	50.4	42.0	63.0



#30
Chloroform
Concen: 50.056 ug/l
RT: 7.598 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:	83	Resp:	136212
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.2	76.8

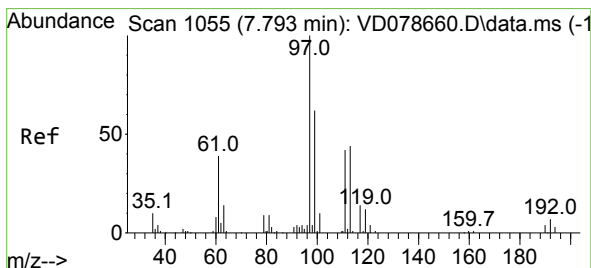
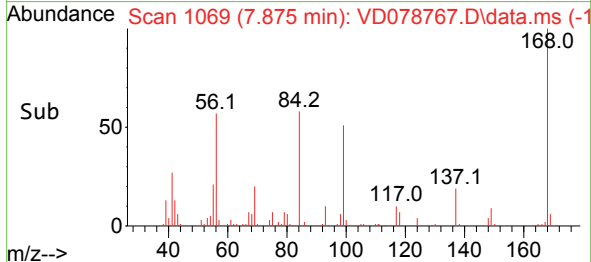
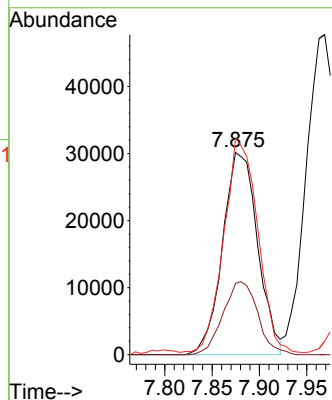
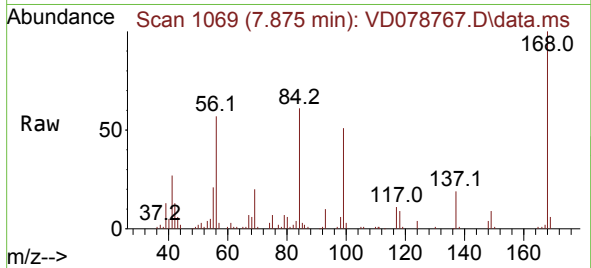




#31
Cyclohexane
Concen: 39.387 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

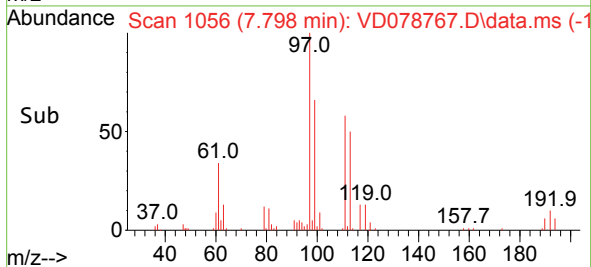
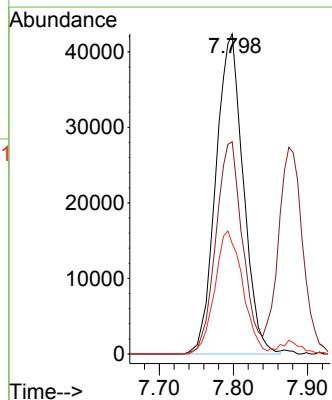
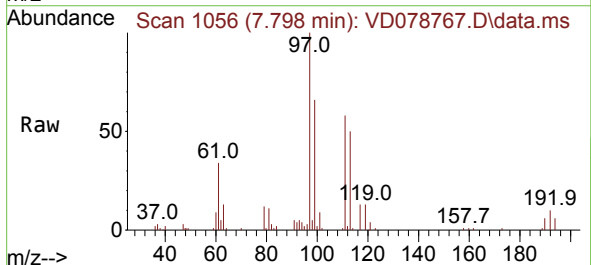
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

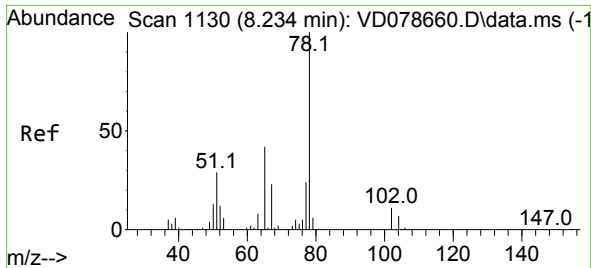
Tgt Ion: 56 Resp: 77808
Ion Ratio Lower Upper
56 100
69 35.3 26.6 40.0
84 106.0 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 47.146 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 97 Resp: 108850
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 39.2 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 48.237 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

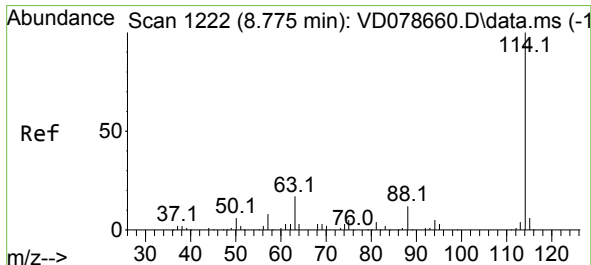
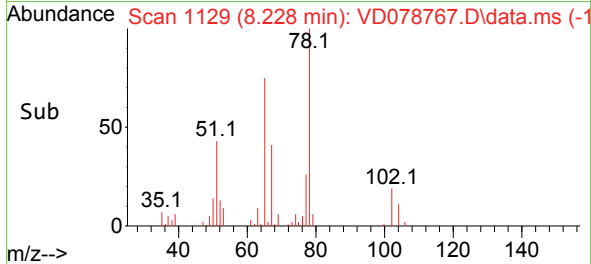
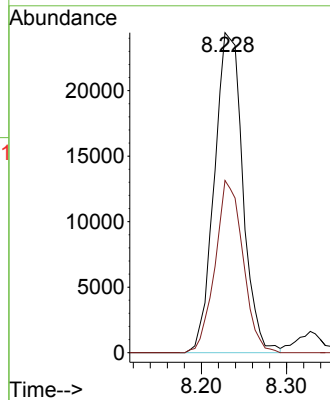
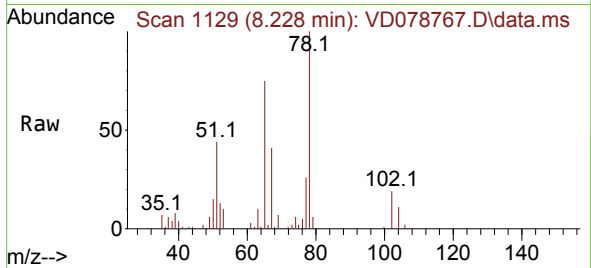
VSTDCCC050

Tgt Ion: 65 Resp: 56694

Ion Ratio Lower Upper

65 100

67 52.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

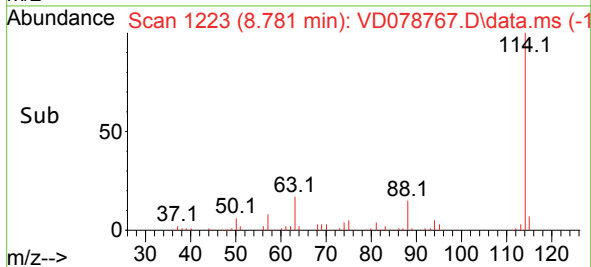
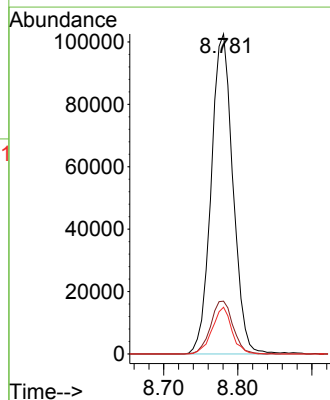
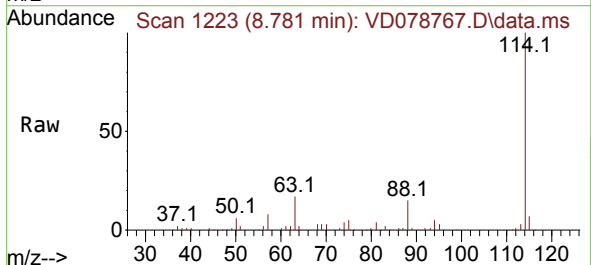
Tgt Ion: 114 Resp: 208838

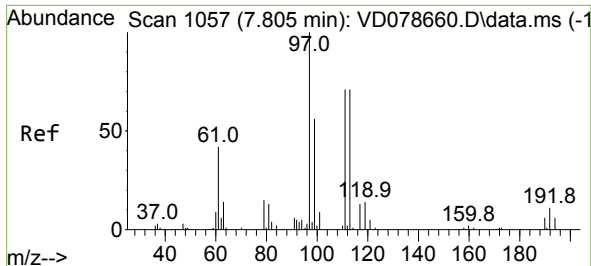
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 14.6 0.0 24.6





#35

Dibromofluoromethane

Concen: 47.390 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

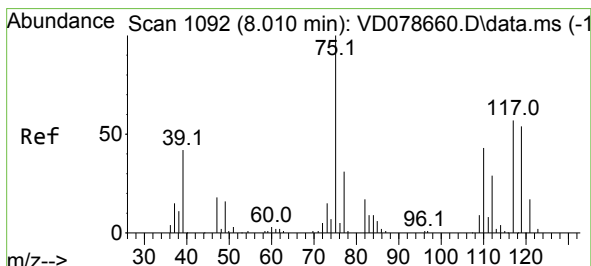
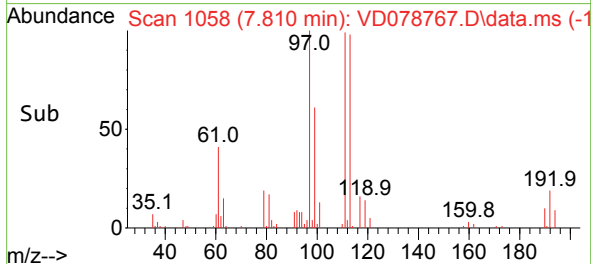
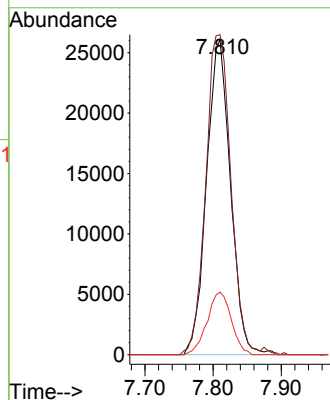
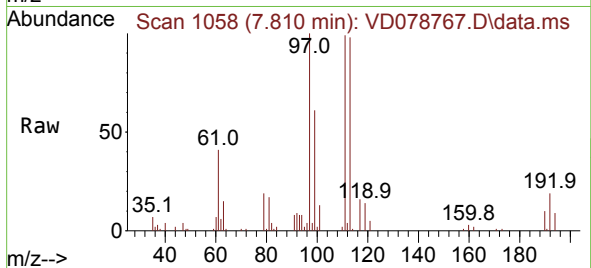
Tgt Ion:113 Resp: 63721

Ion Ratio Lower Upper

113 100

111 106.4 81.9 122.9

192 20.1 15.4 23.0



#36

1,1-Dichloropropene

Concen: 46.796 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

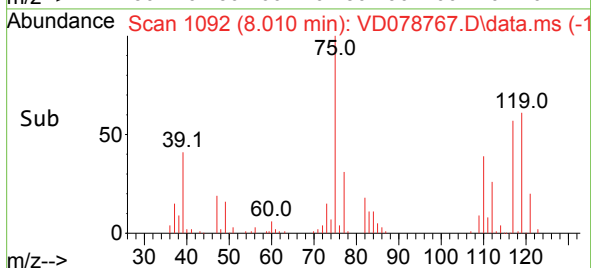
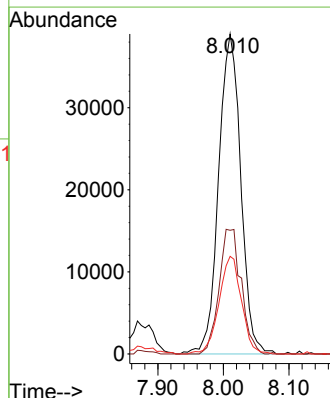
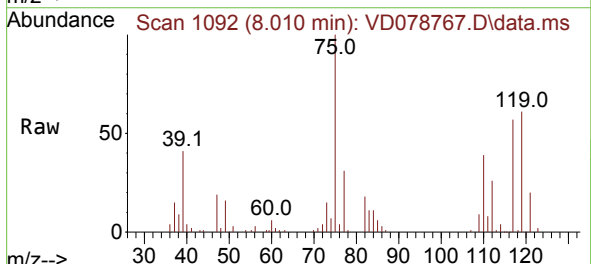
Tgt Ion: 75 Resp: 91295

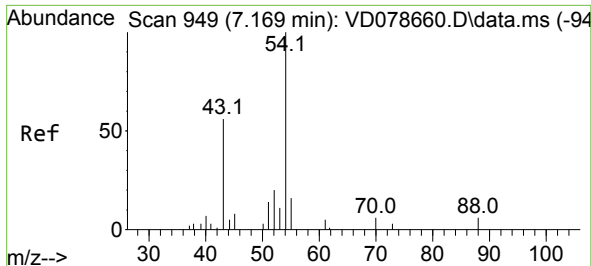
Ion Ratio Lower Upper

75 100

110 38.9 19.1 57.1

77 30.8 25.4 38.2





#37

Ethyl Acetate

Concen: 51.111 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

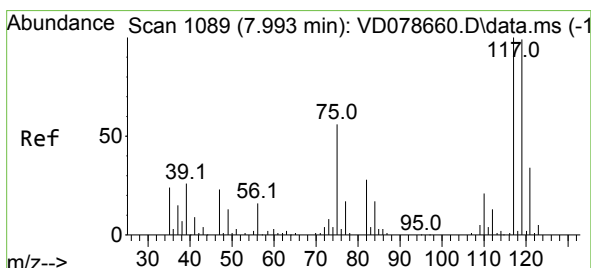
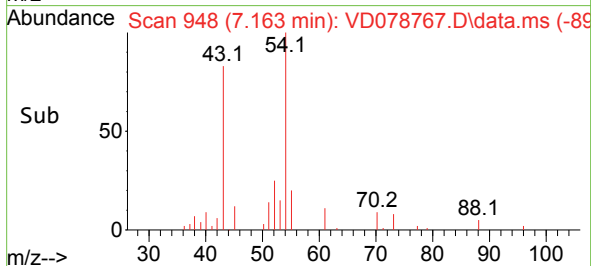
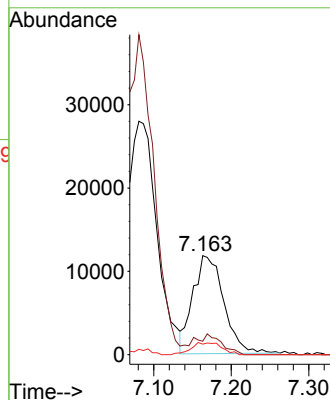
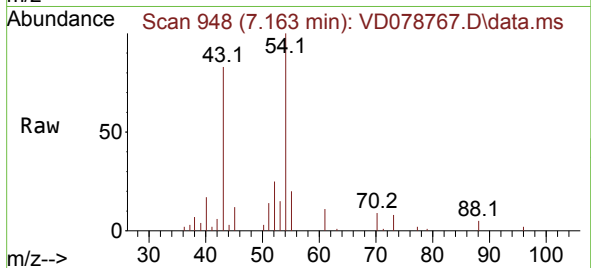
Tgt Ion: 43 Resp: 32575

Ion Ratio Lower Upper

43 100

61 17.1 14.6 21.8

70 12.1 9.4 14.0



#38

Carbon Tetrachloride

Concen: 45.890 ug/l

RT: 7.992 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

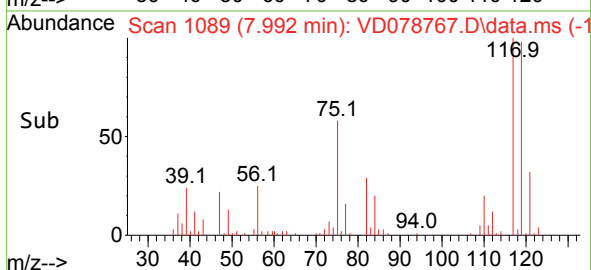
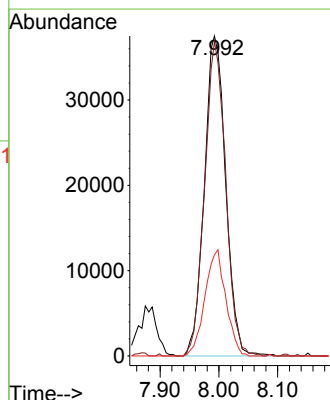
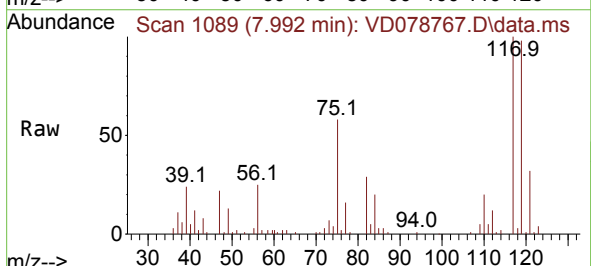
Tgt Ion: 117 Resp: 94383

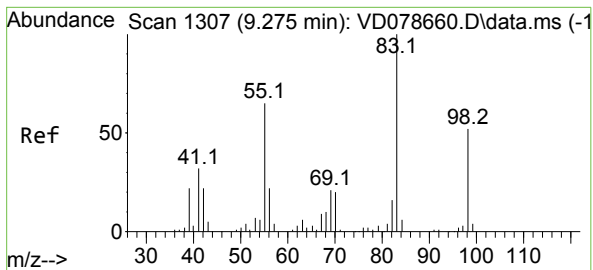
Ion Ratio Lower Upper

117 100

119 98.2 79.2 118.8

121 31.6 26.8 40.2

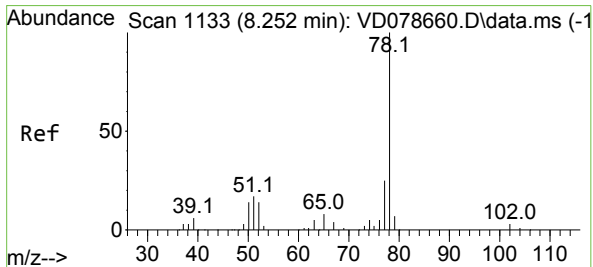
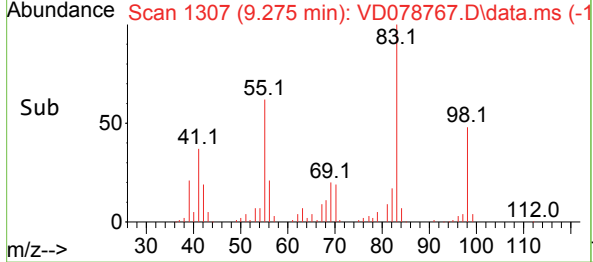
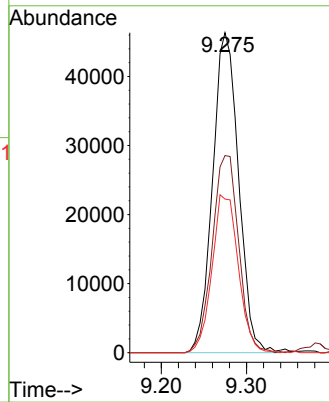
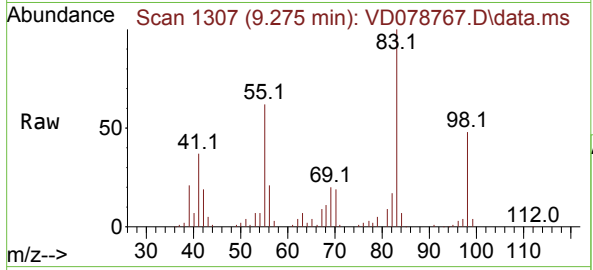




#39
Methylcyclohexane
Concen: 43.321 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

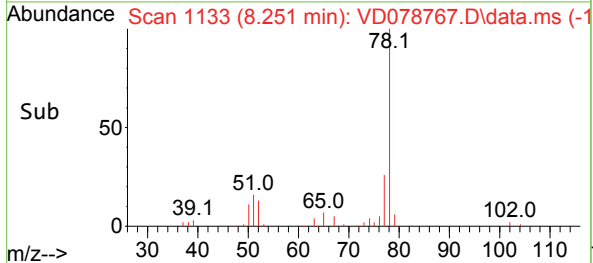
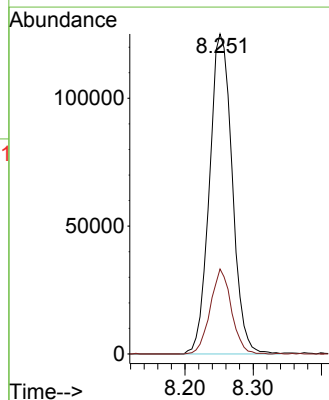
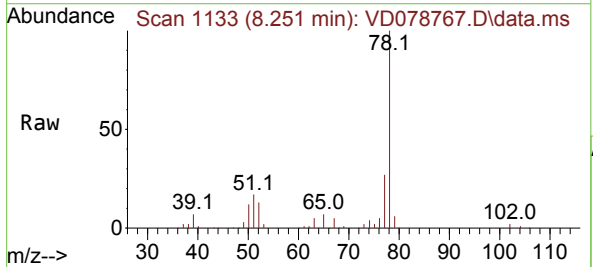
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

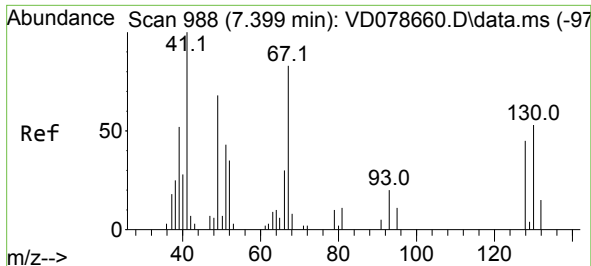
Tgt Ion: 83 Resp: 98042
Ion Ratio Lower Upper
83 100
55 61.6 51.7 77.5
98 48.0 41.4 62.0



#40
Benzene
Concen: 49.256 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 78 Resp: 290485
Ion Ratio Lower Upper
78 100
77 26.6 20.4 30.6

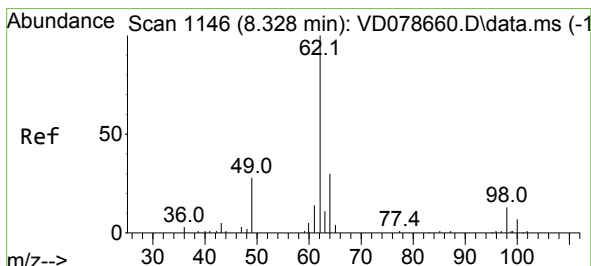
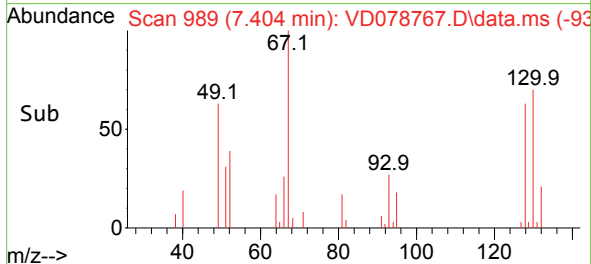
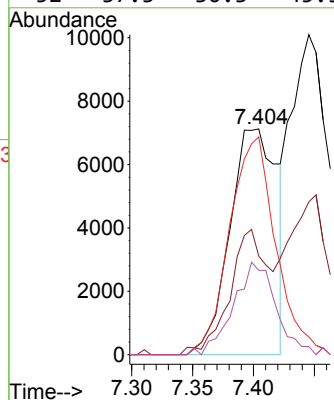
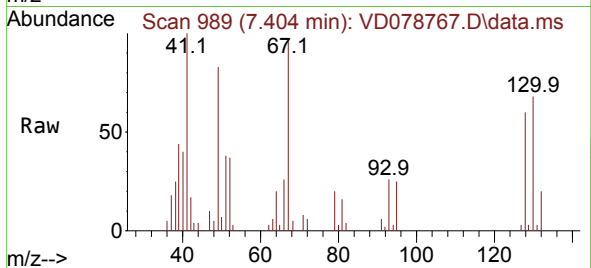




#41
Methacrylonitrile
Concen: 57.390 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

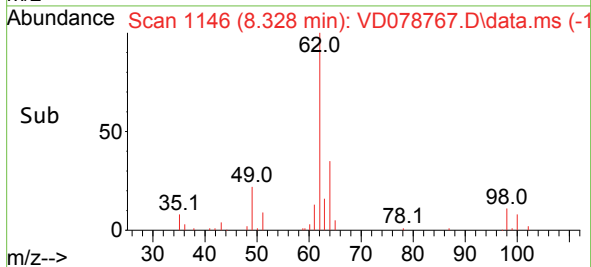
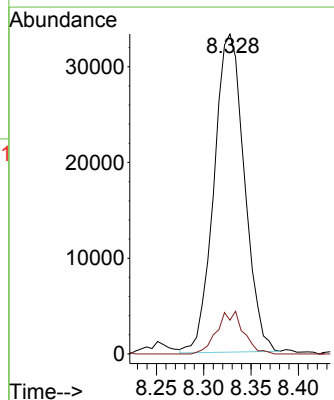
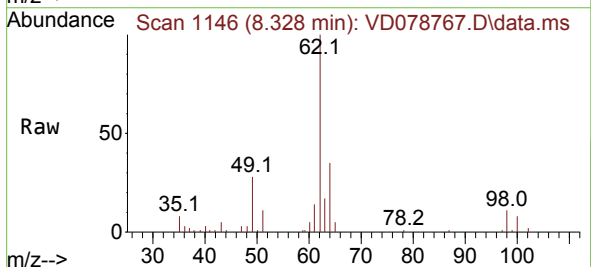
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

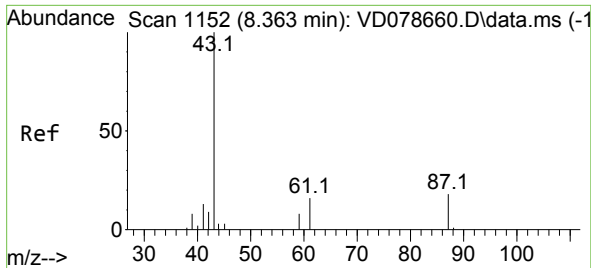
Tgt Ion: 41	Resp: 19168
Ion Ratio	Lower Upper
41 100	
39 44.9	39.8 59.6
67 94.6	83.5 125.3
52 37.3	30.3 45.5



#42
1,2-Dichloroethane
Concen: 51.599 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 62	Resp: 74209
Ion Ratio	Lower Upper
62 100	
98 11.7	0.0 23.8

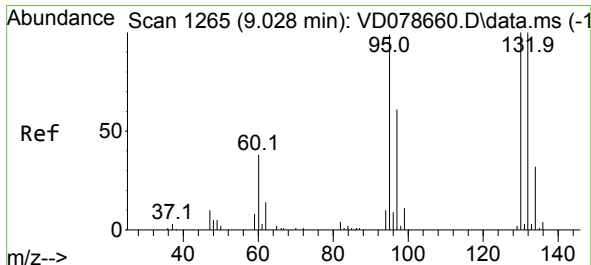
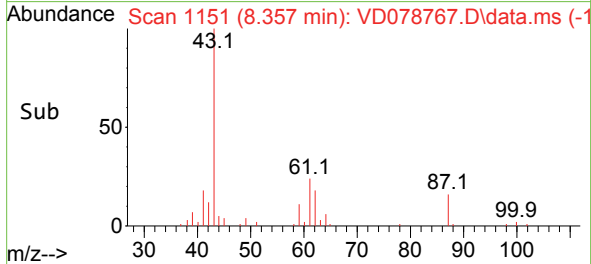
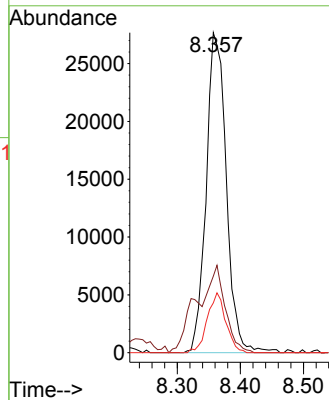
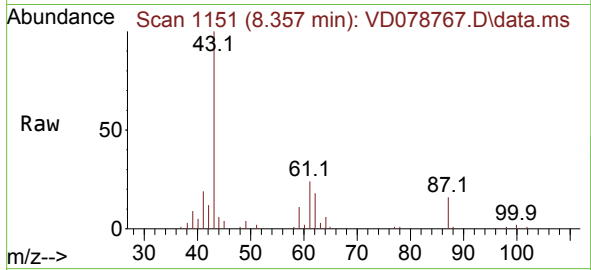




#43
Isopropyl Acetate
Concen: 52.875 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

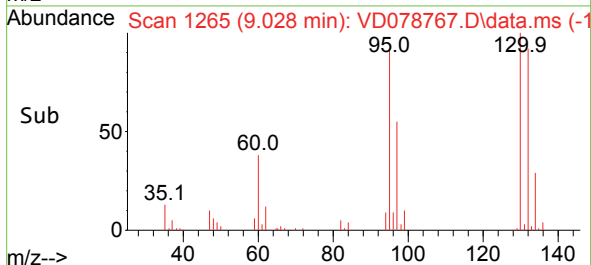
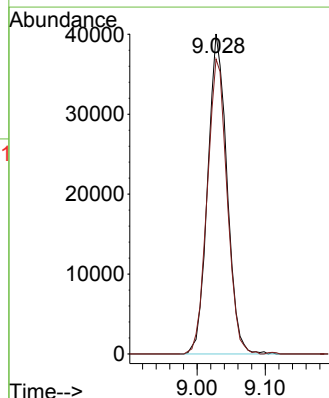
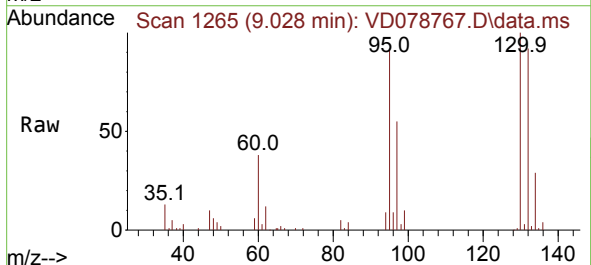
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

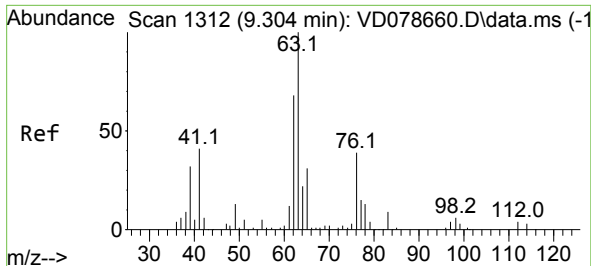
Tgt Ion: 43 Resp: 61286
Ion Ratio Lower Upper
43 100
61 24.0 30.1 45.1#
87 17.2 14.4 21.6



#44
Trichloroethene
Concen: 49.212 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:130 Resp: 78761
Ion Ratio Lower Upper
130 100
95 92.2 0.0 197.8





#45

1,2-Dichloropropane

Concen: 52.069 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

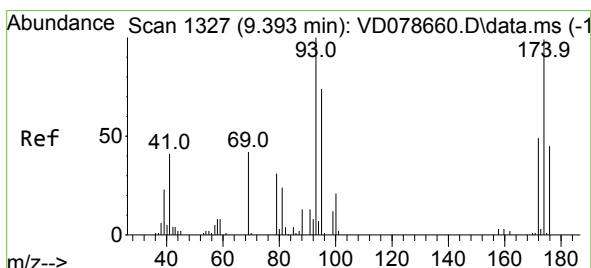
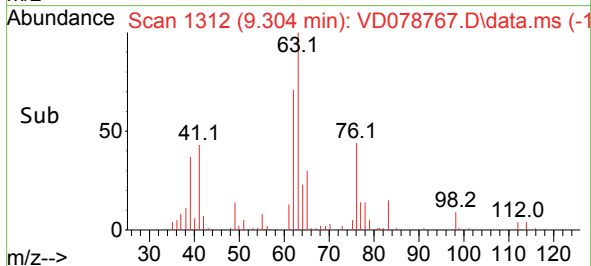
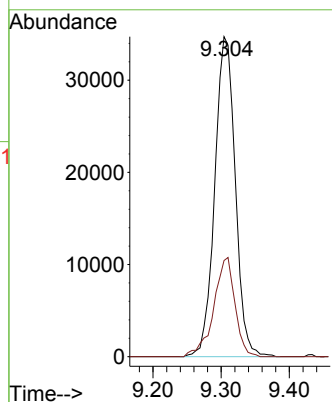
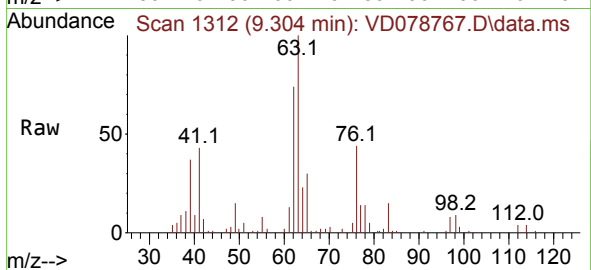
VSTDCCC050

Tgt Ion: 63 Resp: 72843

Ion Ratio Lower Upper

63 100

65 30.1 24.8 37.2



#46

Dibromomethane

Concen: 51.729 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

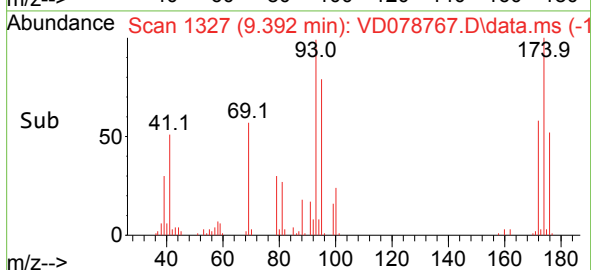
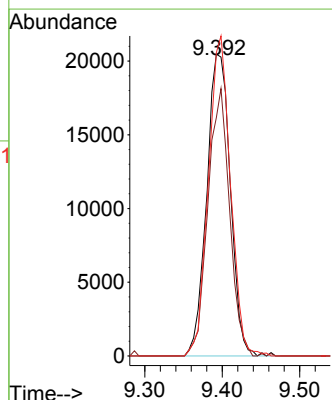
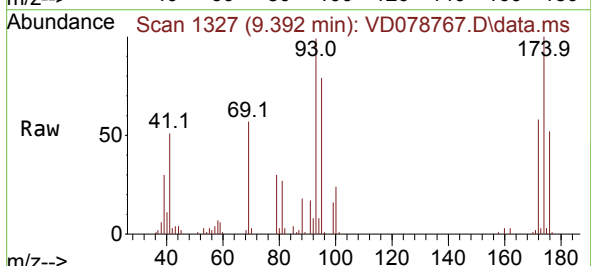
Tgt Ion: 93 Resp: 43381

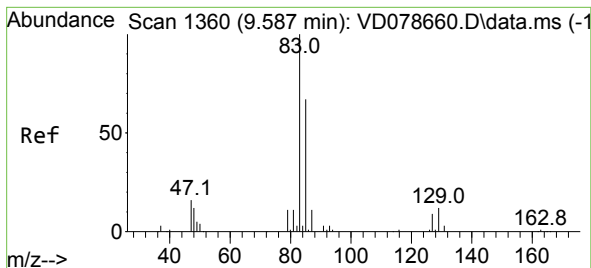
Ion Ratio Lower Upper

93 100

95 81.4 67.3 100.9

174 99.3 80.9 121.3





#47

Bromodichloromethane

Concen: 53.830 ug/l

RT: 9.586 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

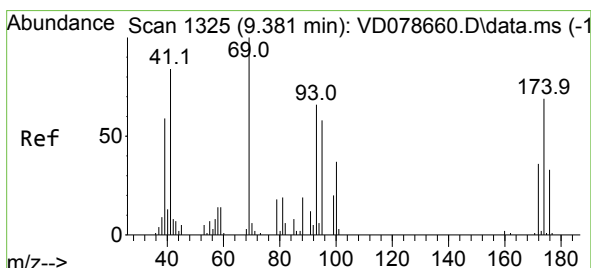
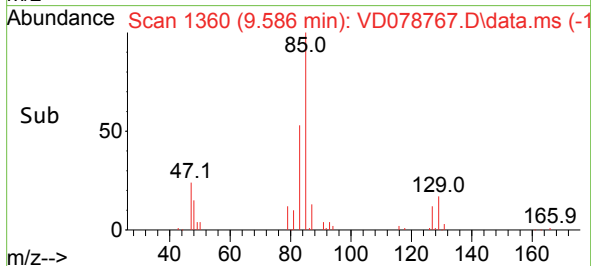
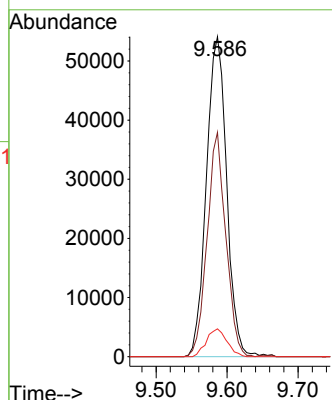
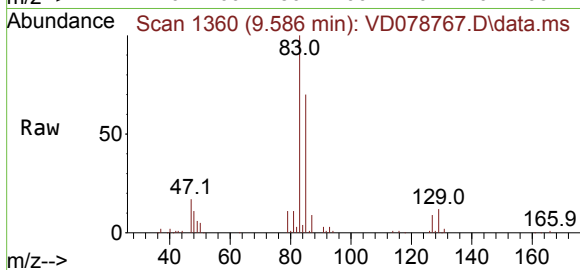
Tgt Ion: 83 Resp: 107466

Ion Ratio Lower Upper

83 100

85 70.1 54.0 81.0

127 8.7 7.1 10.7



#48

Methyl methacrylate

Concen: 49.703 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

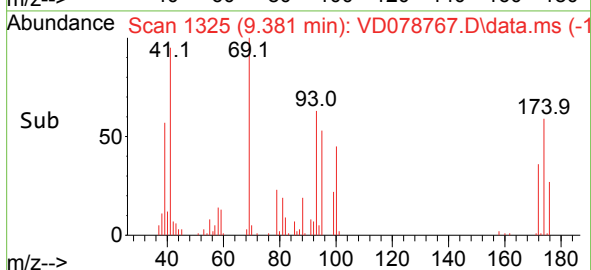
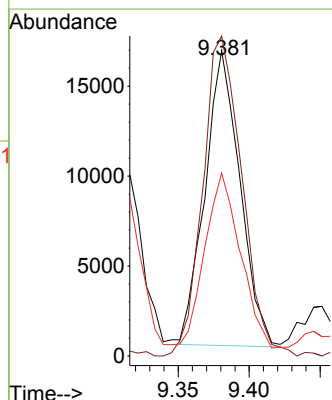
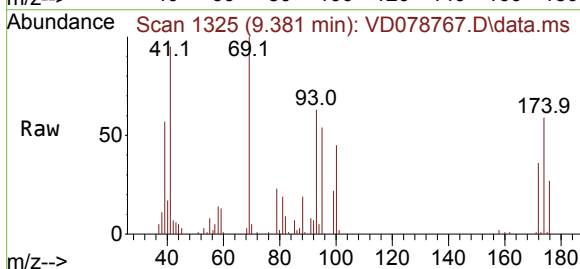
Tgt Ion: 41 Resp: 28070

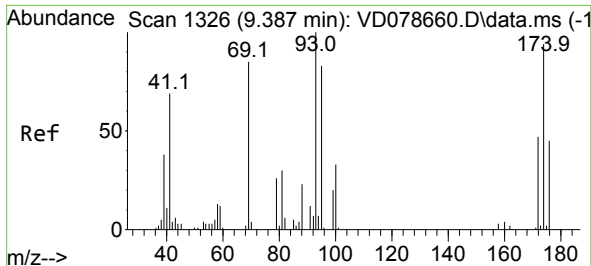
Ion Ratio Lower Upper

41 100

69 121.4 88.3 132.5

39 65.8 46.6 69.8





#49

1,4-Dioxane

Concen: 1096.113 ug/l

RT: 9.386 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

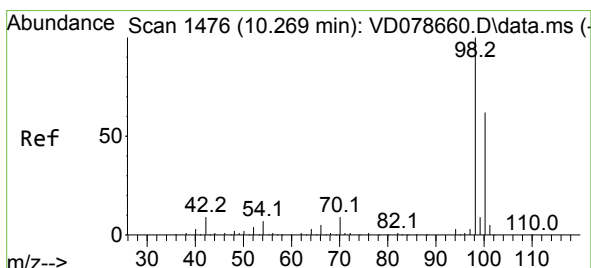
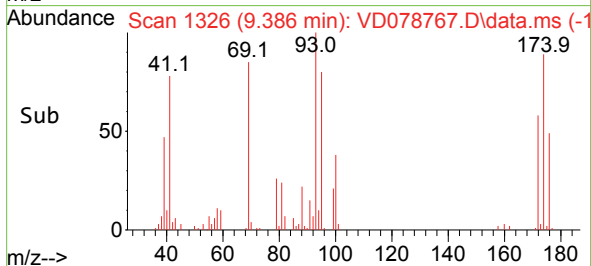
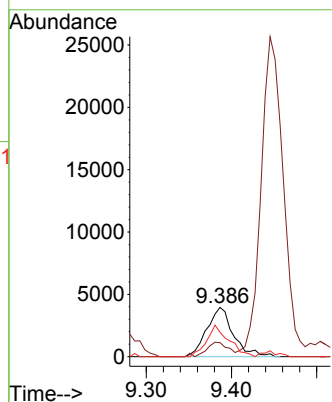
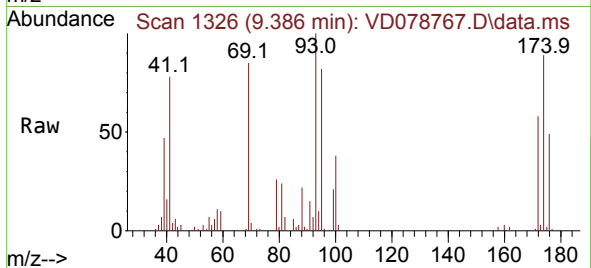
Tgt Ion: 88 Resp: 8511

Ion Ratio Lower Upper

88 100

43 24.4 23.2 34.8

58 53.6 51.0 76.6



#50

Toluene-d8

Concen: 45.629 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078767.D

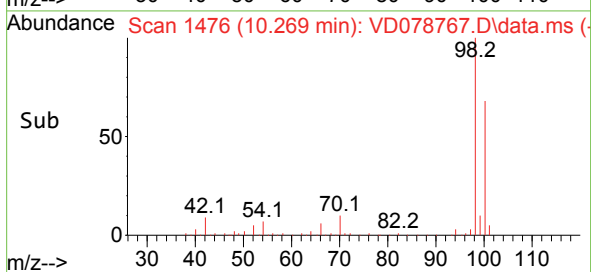
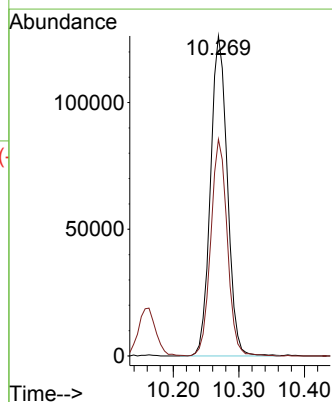
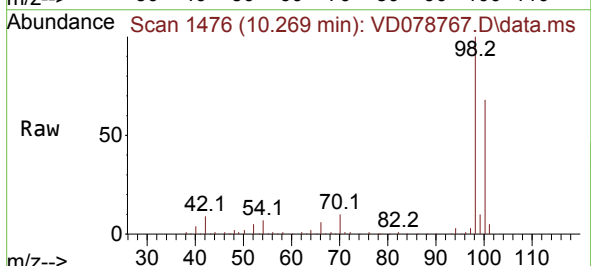
Acq: 28 Mar 2024 11:45

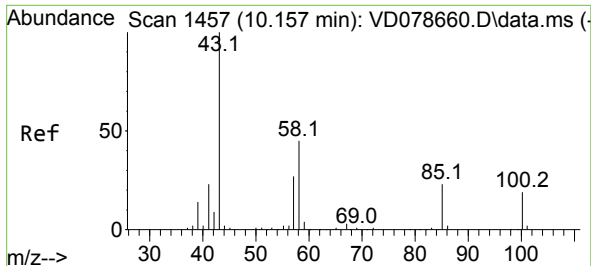
Tgt Ion: 98 Resp: 225637

Ion Ratio Lower Upper

98 100

100 66.3 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 276.689 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

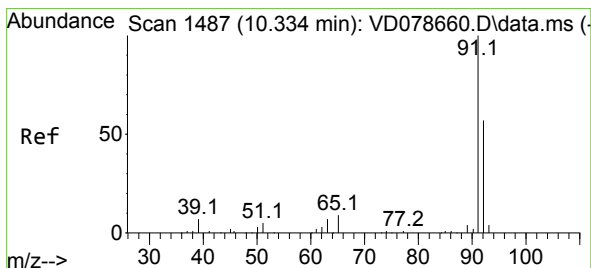
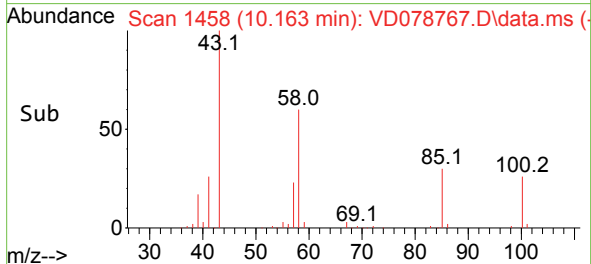
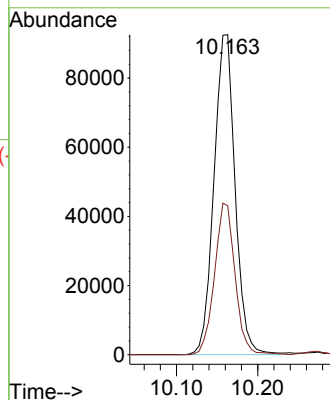
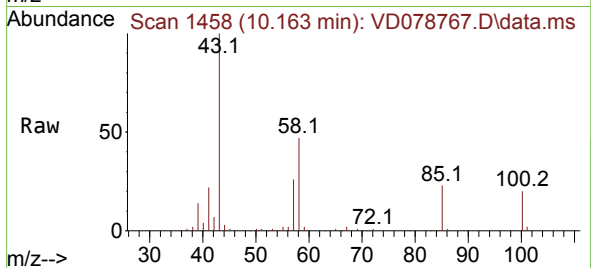
VSTDCCC050

Tgt Ion: 43 Resp: 167661

Ion Ratio Lower Upper

43 100

58 46.0 36.4 54.6



#52

Toluene

Concen: 50.162 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078767.D

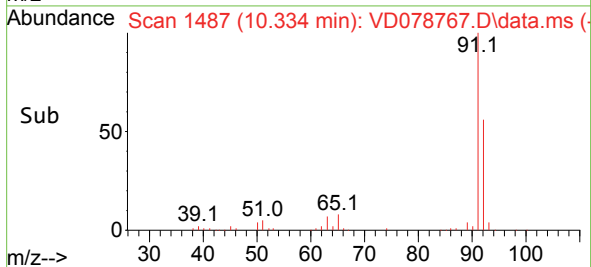
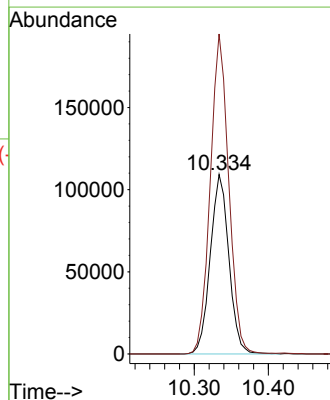
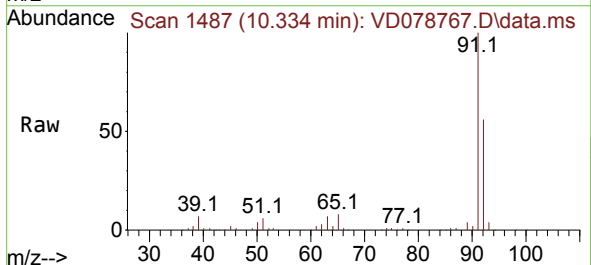
Acq: 28 Mar 2024 11:45

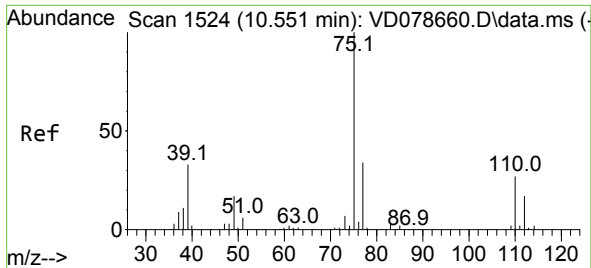
Tgt Ion: 92 Resp: 190454

Ion Ratio Lower Upper

92 100

91 176.6 136.6 205.0

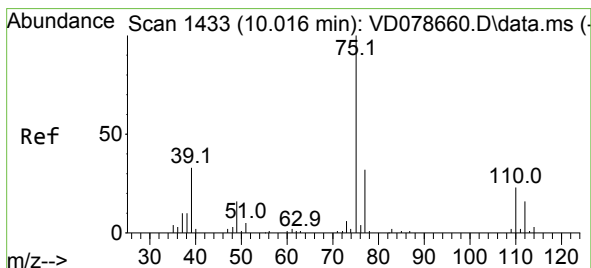
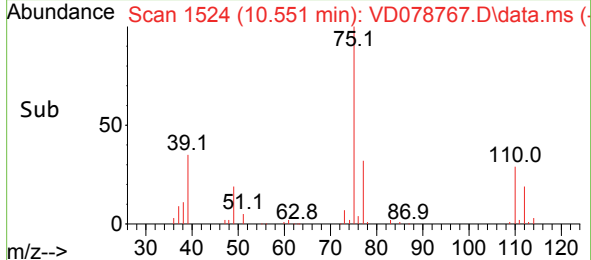
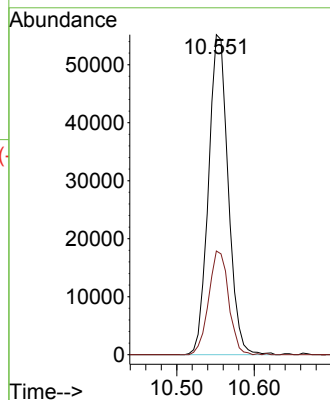
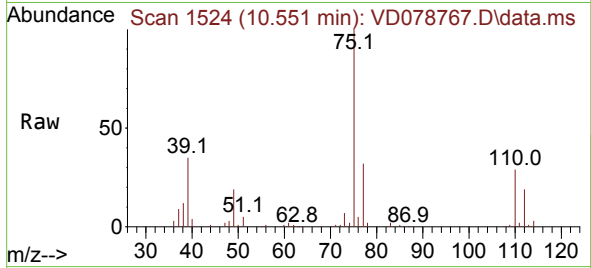




#53
t-1,3-Dichloropropene
Concen: 53.320 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

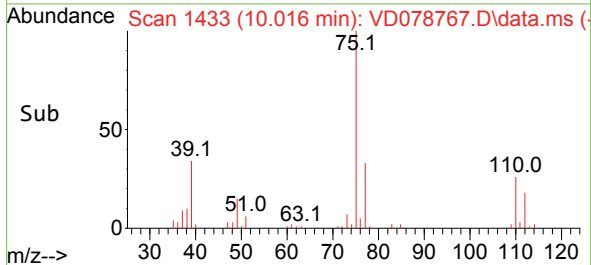
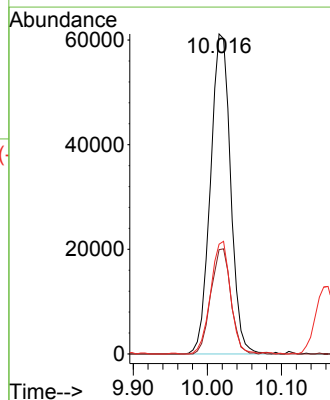
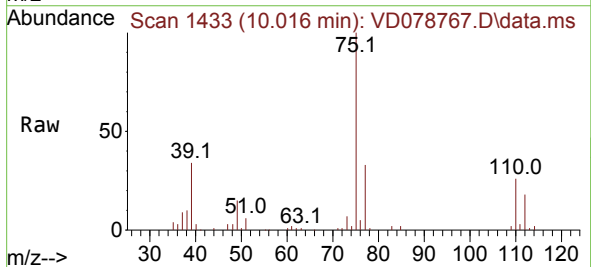
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

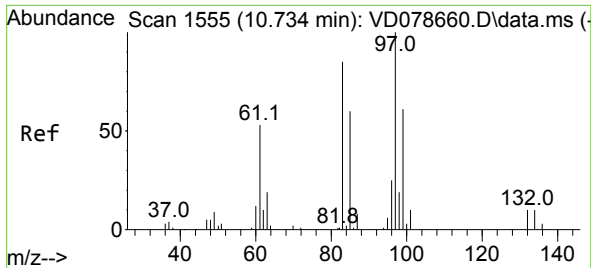
Tgt Ion: 75 Resp: 97327
Ion Ratio Lower Upper
75 100
77 32.4 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 52.601 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 75 Resp: 115424
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.0
39 34.3 26.7 40.1

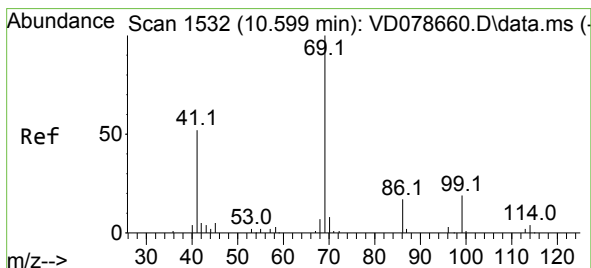
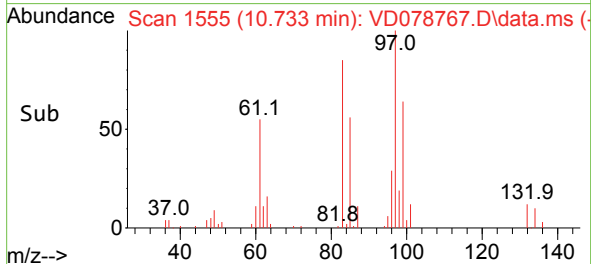
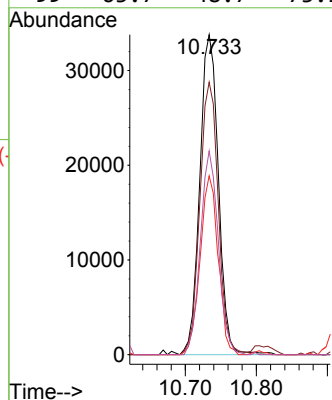
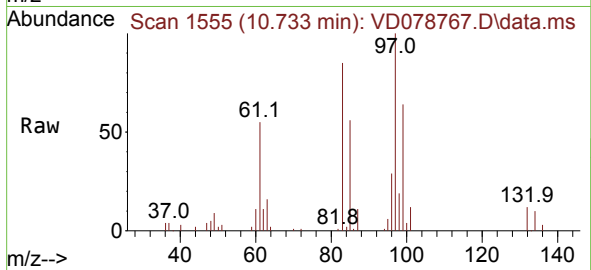




#55
1,1,2-Trichloroethane
Concen: 55.036 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

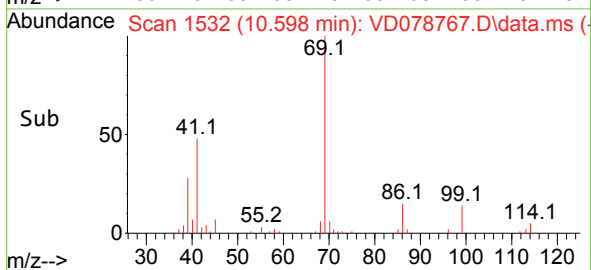
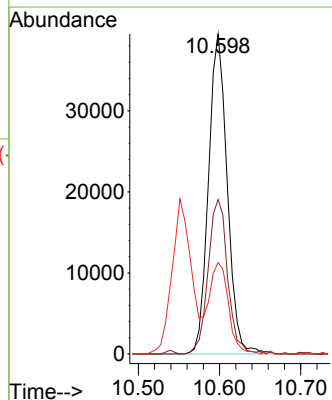
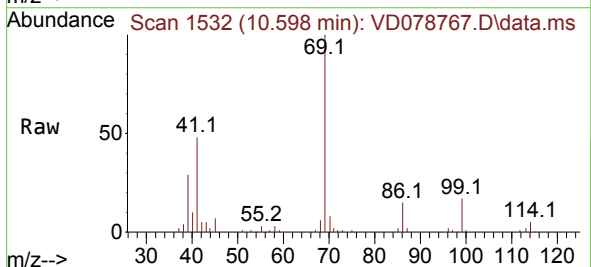
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

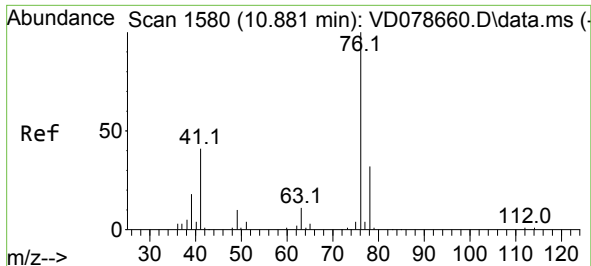
Tgt Ion:	97	Resp:	61806
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.1	102.1
85	55.9	48.2	72.2
99	63.7	48.7	73.1



#56
Ethyl methacrylate
Concen: 56.100 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:	69	Resp:	63157
Ion	Ratio	Lower	Upper
69	100		
41	50.2	40.9	61.3
39	28.3	25.5	38.3





#57

1,3-Dichloropropane

Concen: 53.821 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

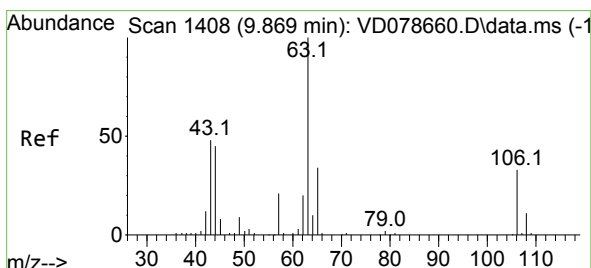
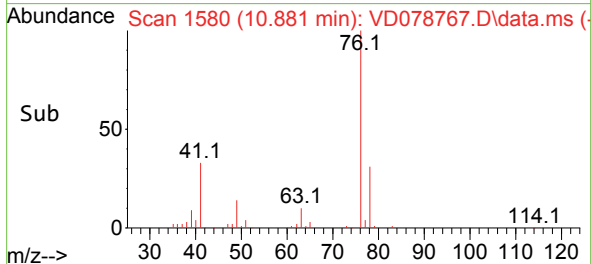
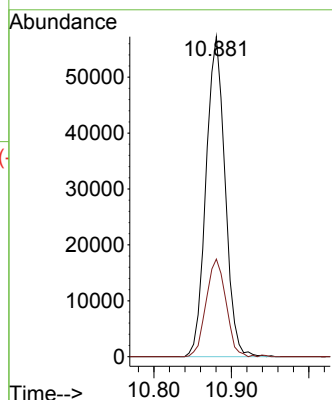
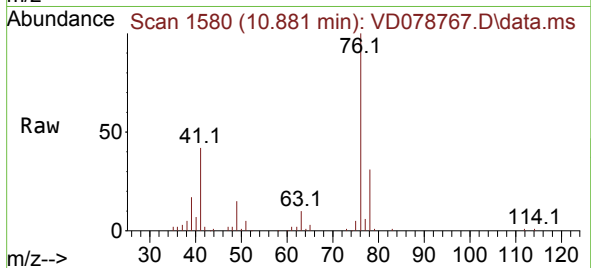
VSTDCCC050

Tgt Ion: 76 Resp: 97528

Ion Ratio Lower Upper

76 100

78 31.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 286.427 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078767.D

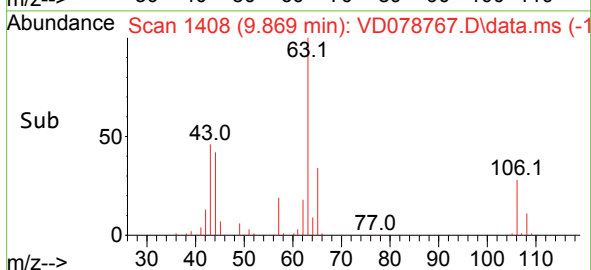
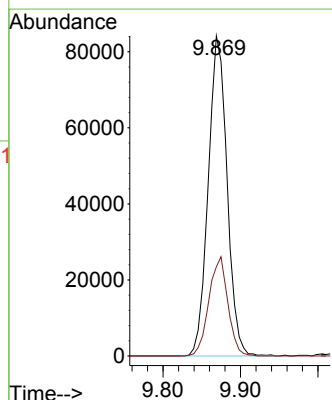
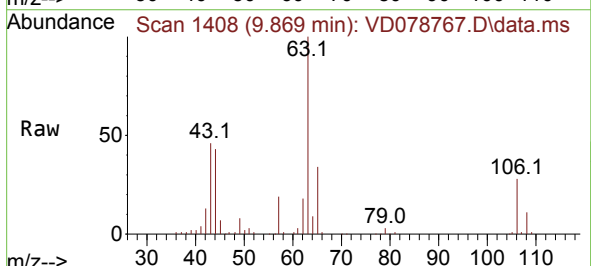
Acq: 28 Mar 2024 11:45

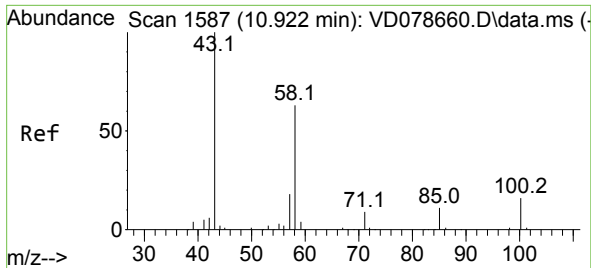
Tgt Ion: 63 Resp: 142185

Ion Ratio Lower Upper

63 100

106 31.2 25.2 37.8

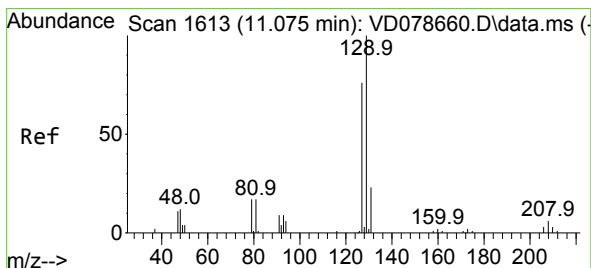
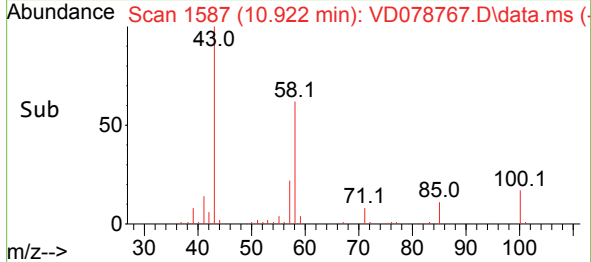
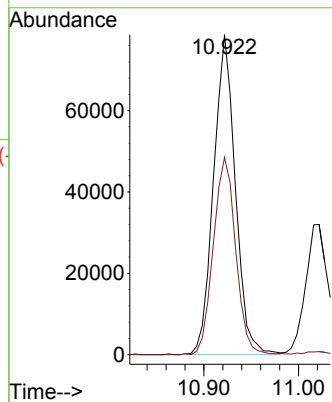
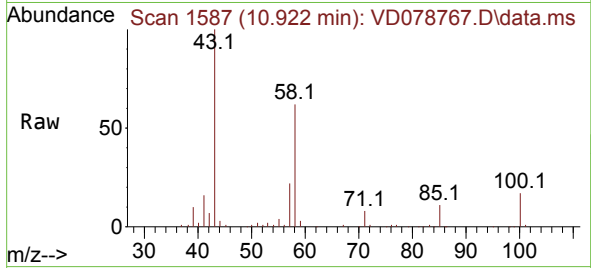




#59
2-Hexanone
Concen: 279.807 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

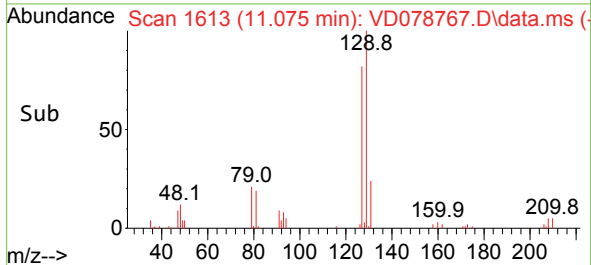
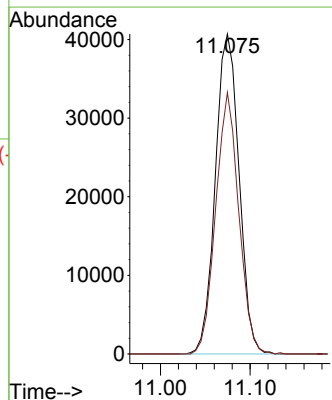
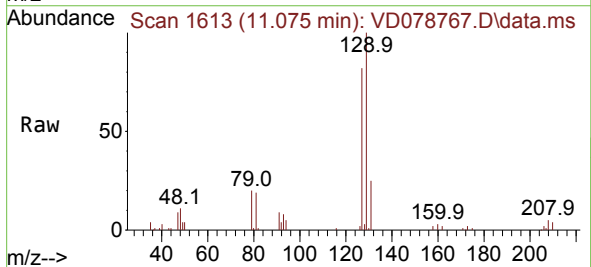
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

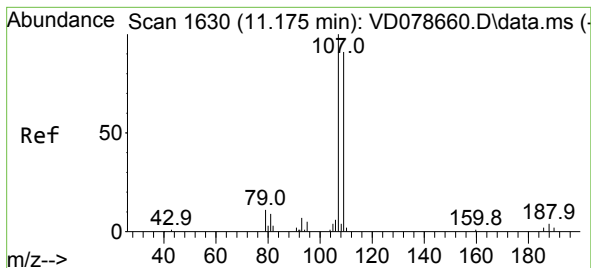
Tgt Ion: 43 Resp: 125689
Ion Ratio Lower Upper
43 100
58 63.4 31.5 94.5



#60
Dibromochloromethane
Concen: 53.871 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:129 Resp: 74608
Ion Ratio Lower Upper
129 100
127 79.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.066 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

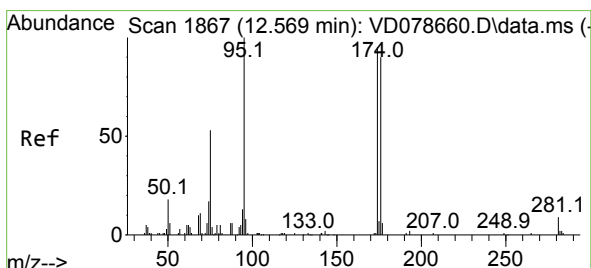
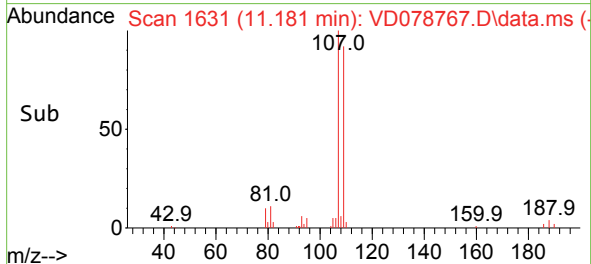
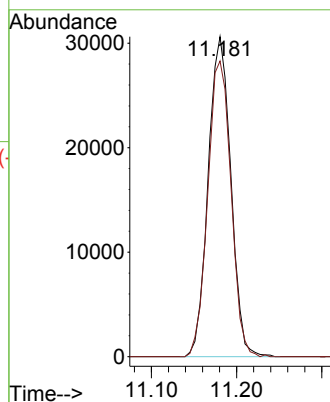
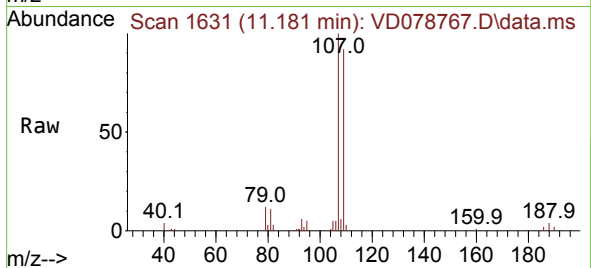
VSTDCCC050

Tgt Ion:107 Resp: 56586

Ion Ratio Lower Upper

107 100

109 94.7 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 49.004 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

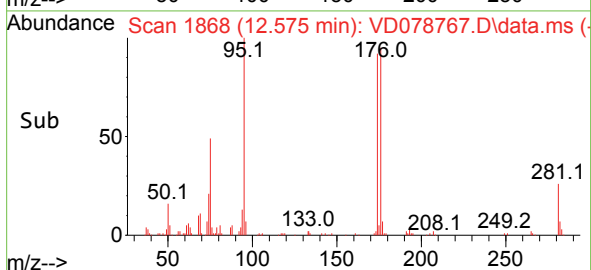
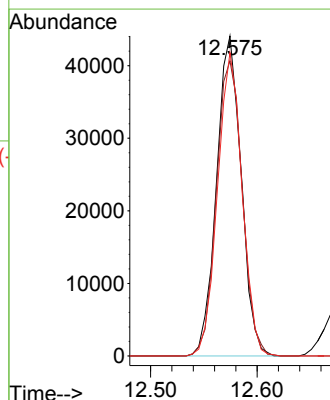
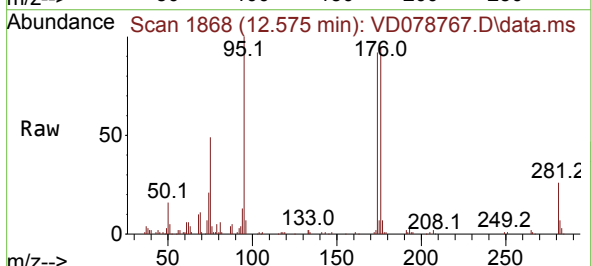
Tgt Ion: 95 Resp: 70894

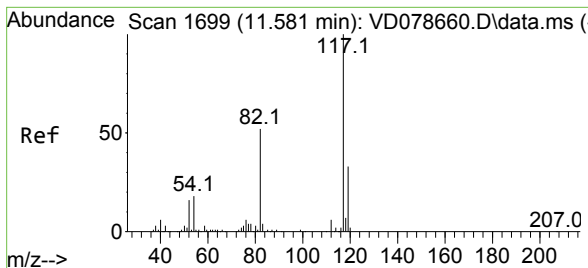
Ion Ratio Lower Upper

95 100

174 96.7 0.0 195.2

176 94.0 0.0 188.2

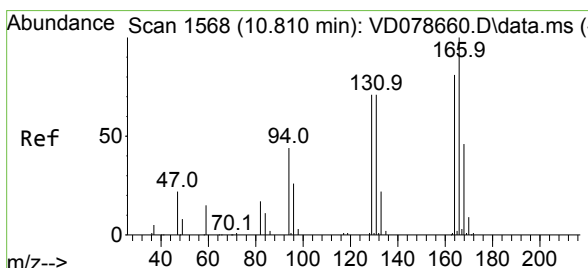
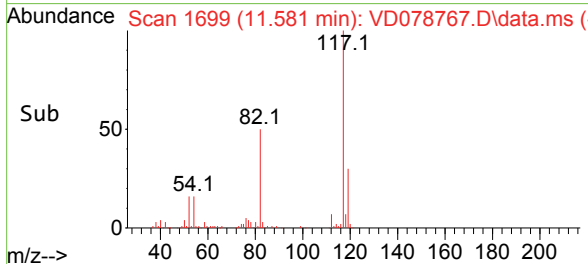
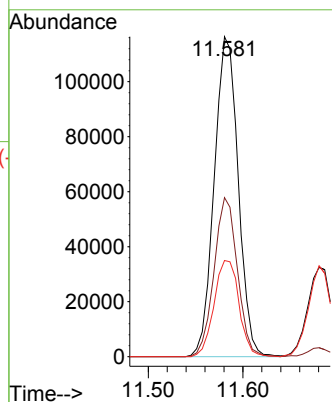
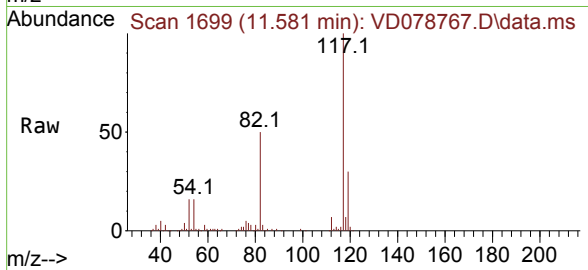




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

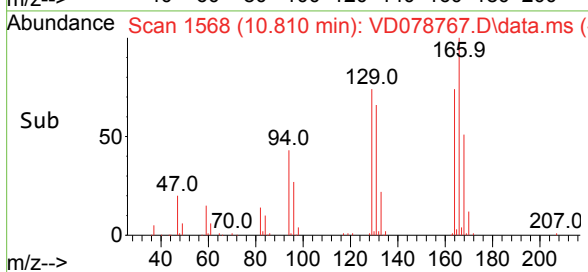
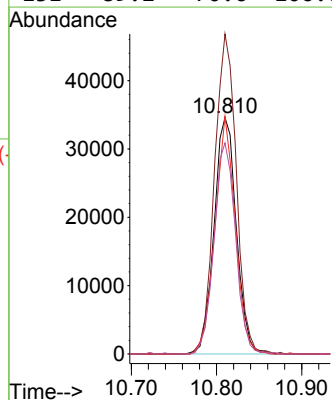
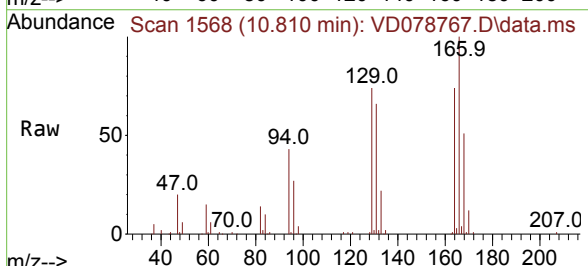
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

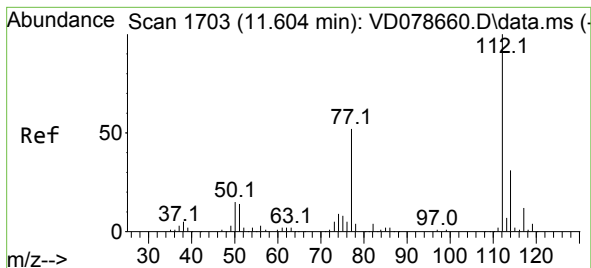
Tgt Ion:117 Resp: 204843
Ion Ratio Lower Upper
117 100
82 49.7 41.4 62.2
119 30.1 26.5 39.7



#64
Tetrachloroethene
Concen: 46.237 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:164 Resp: 62677
Ion Ratio Lower Upper
164 100
166 135.3 98.9 148.3
129 100.5 70.3 105.5
131 89.2 70.6 106.0





#65

Chlorobenzene

Concen: 50.094 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

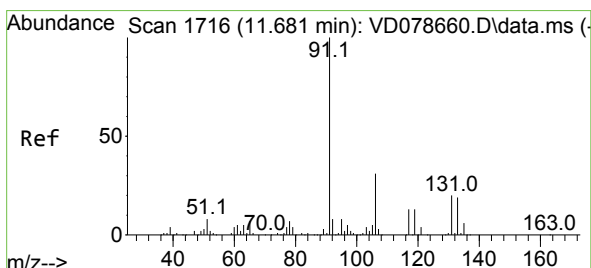
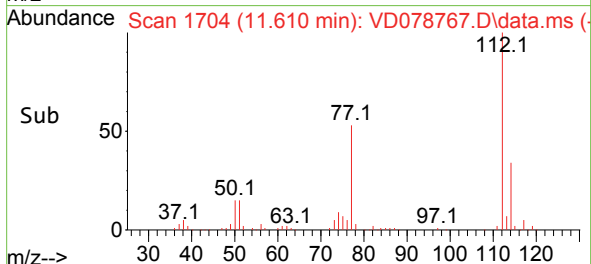
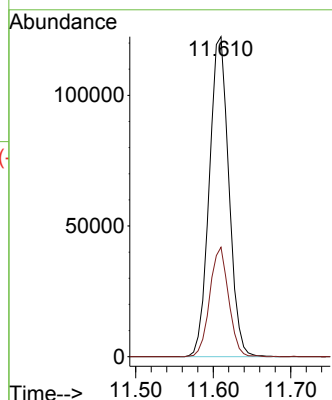
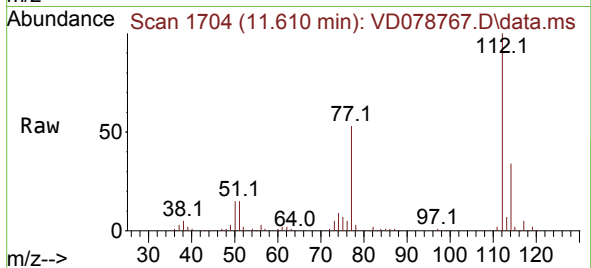
VSTDCCC050

Tgt Ion:112 Resp: 214430

Ion Ratio Lower Upper

112 100

114 34.2 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.847 ug/l

RT: 11.680 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

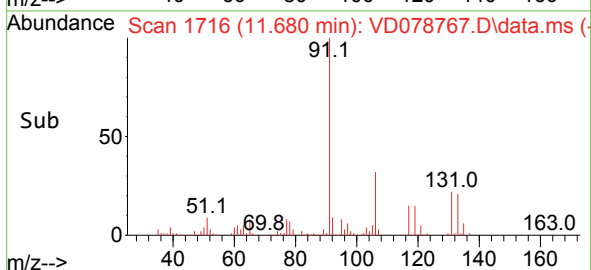
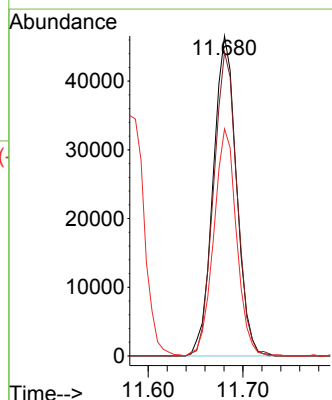
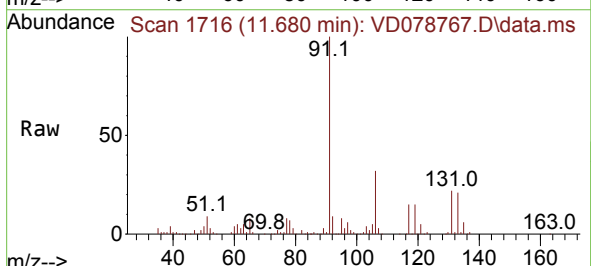
Tgt Ion:131 Resp: 79712

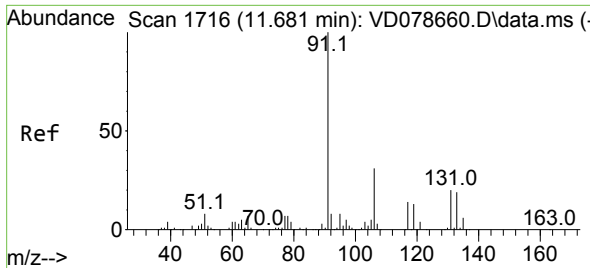
Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.9

119 69.6 34.1 102.3

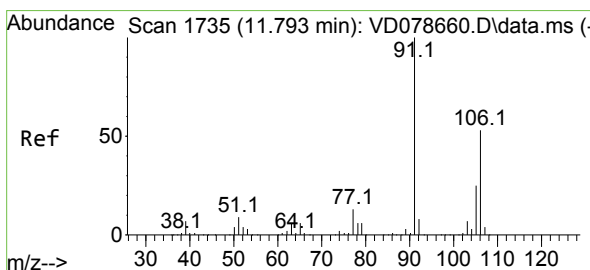
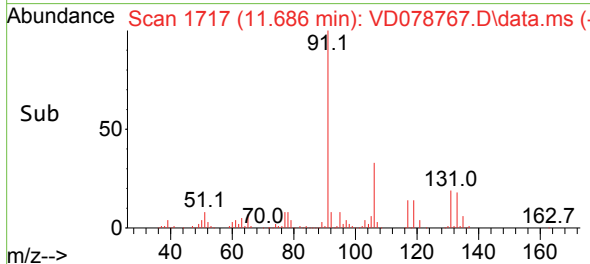
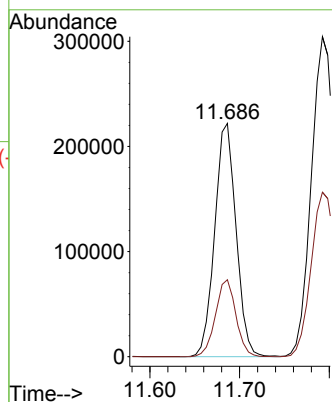
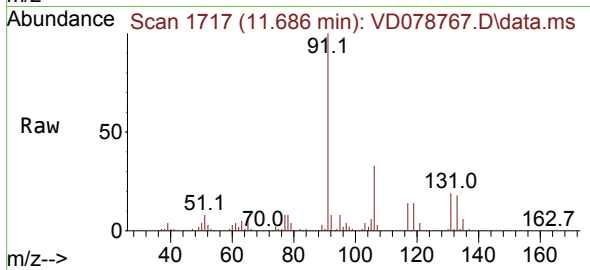




#67
Ethyl Benzene
Concen: 50.226 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

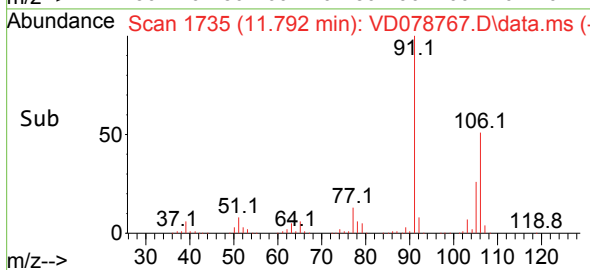
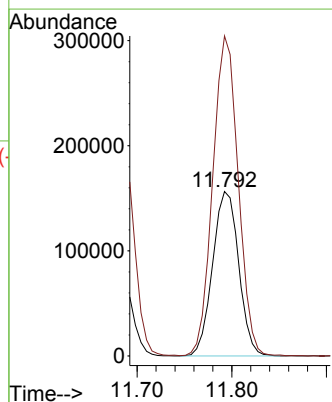
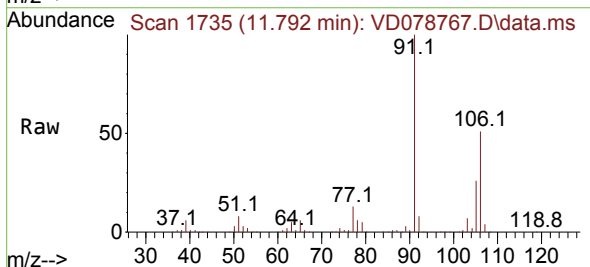
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

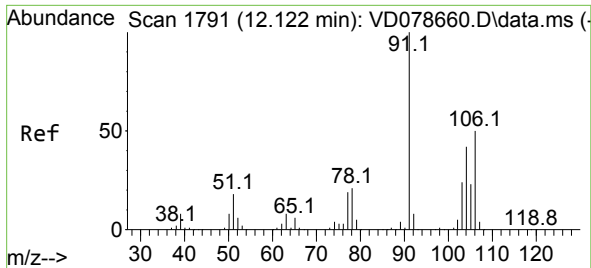
Tgt Ion: 91 Resp: 366370
Ion Ratio Lower Upper
91 100
106 33.0 24.5 36.7



#68
m/p-Xylenes
Concen: 101.112 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 106 Resp: 299497
Ion Ratio Lower Upper
106 100
91 190.0 154.4 231.6

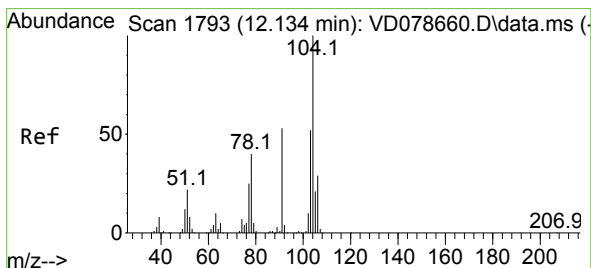
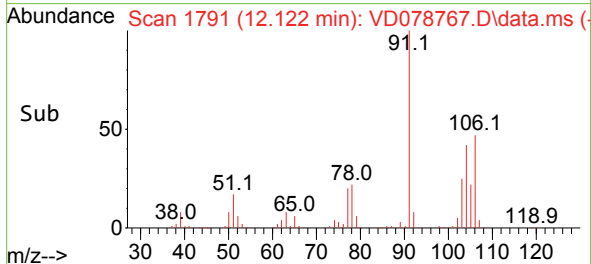
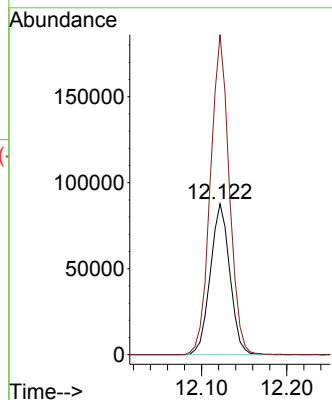
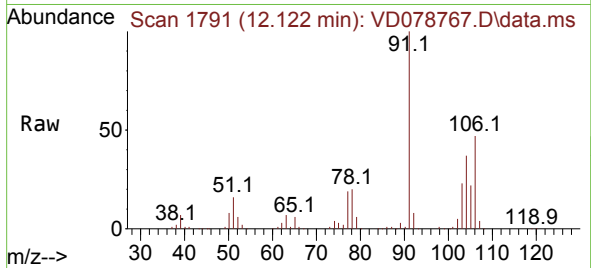




#69
o-Xylene
Concen: 50.782 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

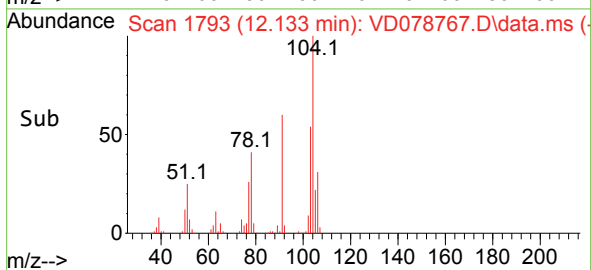
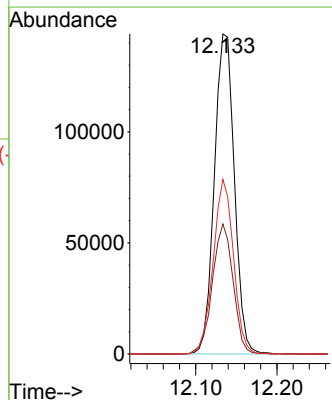
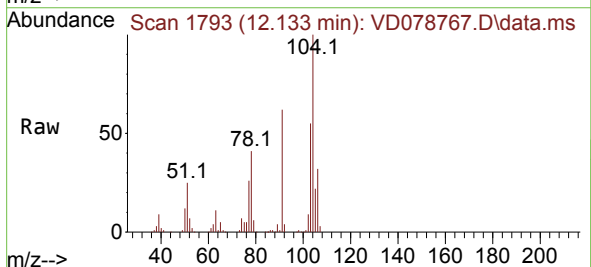
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

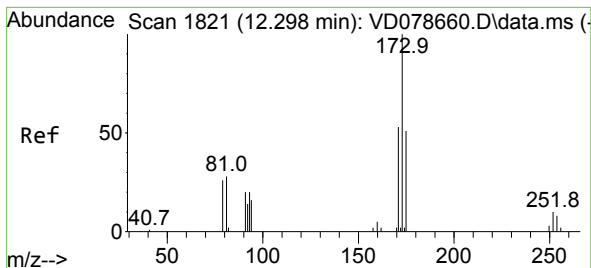
Tgt Ion:106 Resp: 139172
Ion Ratio Lower Upper
106 100
91 205.7 99.6 298.7



#70
Styrene
Concen: 53.724 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:104 Resp: 247125
Ion Ratio Lower Upper
104 100
78 41.9 34.6 52.0
103 55.3 44.2 66.2





#71

Bromoform

Concen: 53.330 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

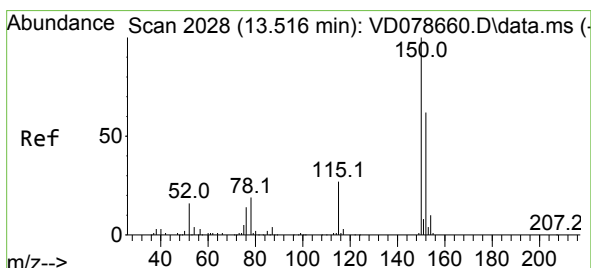
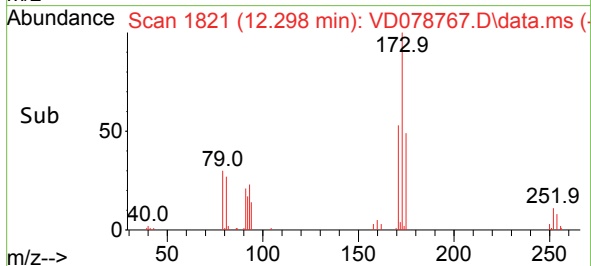
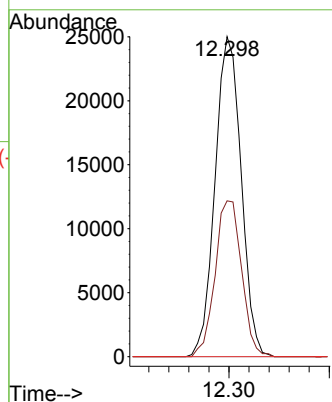
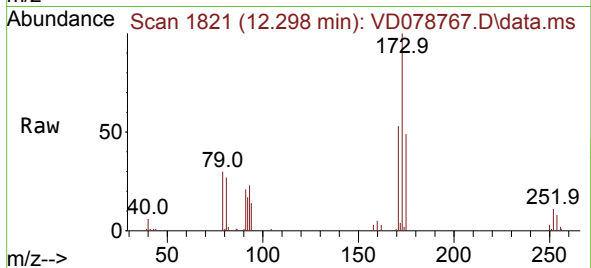
Tgt Ion:173 Resp: 45181

Ion Ratio Lower Upper

173 100

175 49.4 25.8 77.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

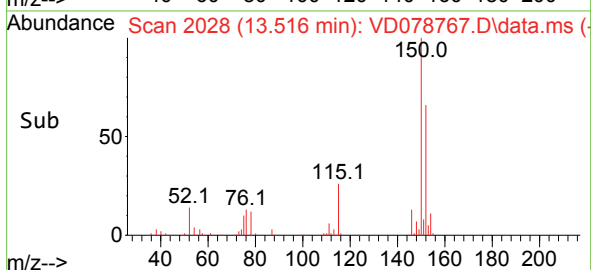
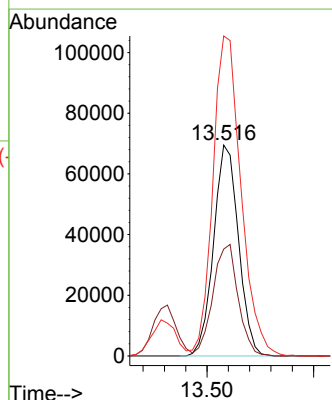
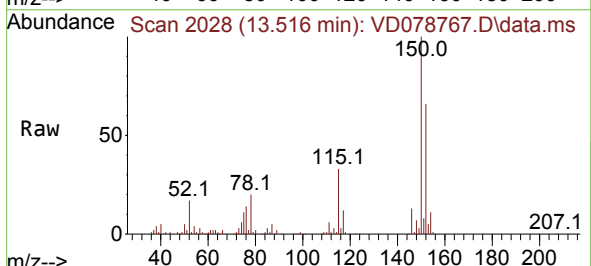
Tgt Ion:152 Resp: 112522

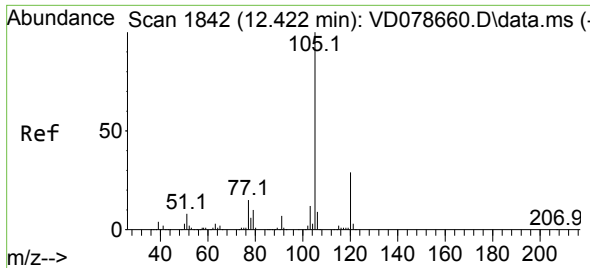
Ion Ratio Lower Upper

152 100

115 53.7 27.1 81.2

150 171.9 0.0 350.2

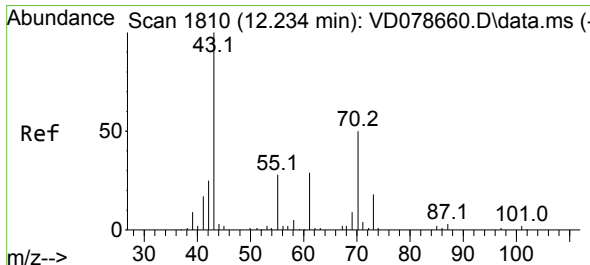
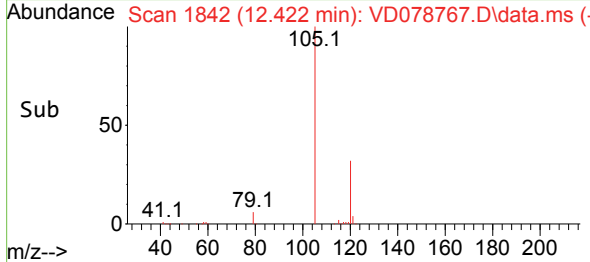
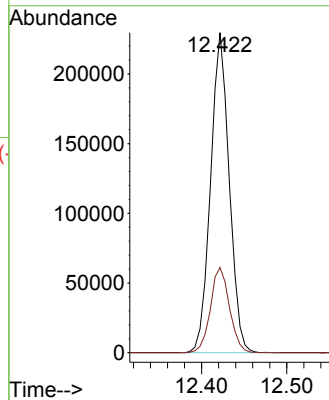
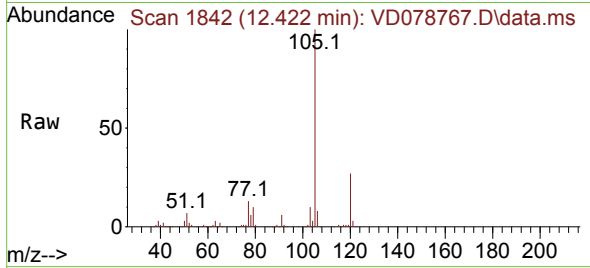




#73
Isopropylbenzene
Concen: 47.090 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

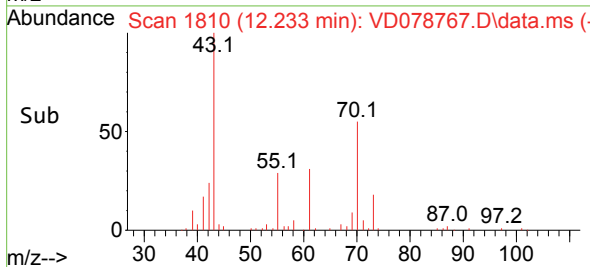
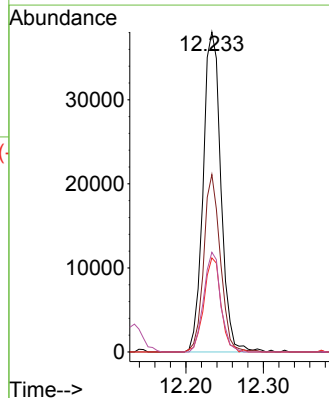
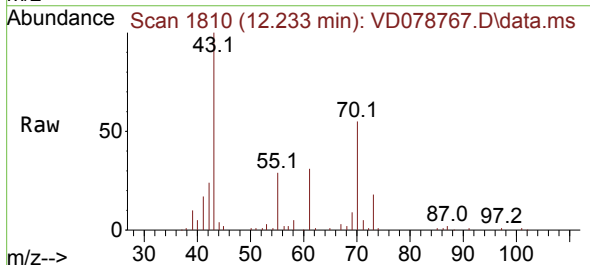
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

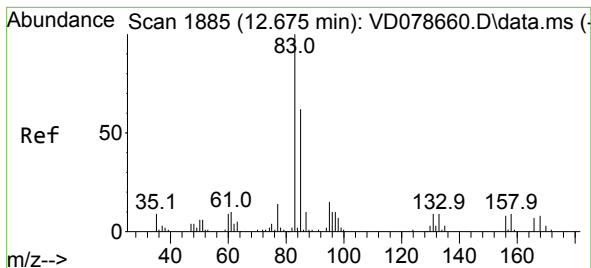
Tgt Ion:105 Resp: 348865
Ion Ratio Lower Upper
105 100
120 27.2 13.7 41.0



#74
N-ethyl acetate
Concen: 50.397 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 43 Resp: 60620
Ion Ratio Lower Upper
43 100
70 51.8 42.1 63.1
55 28.2 22.6 33.8
61 29.7 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.067 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

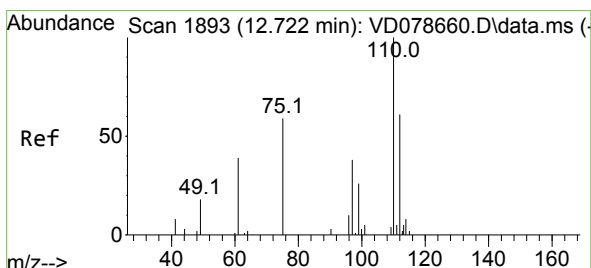
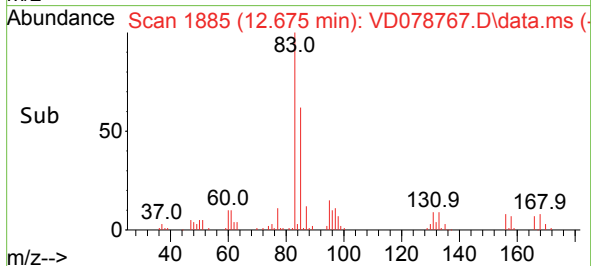
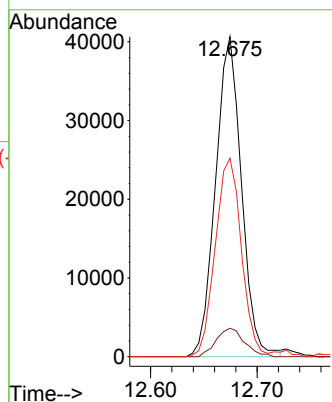
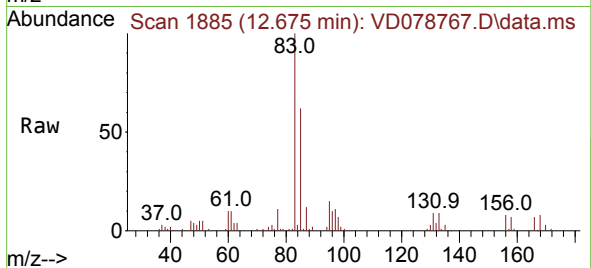
Tgt Ion: 83 Resp: 68665

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

85 62.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 90.358 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078767.D

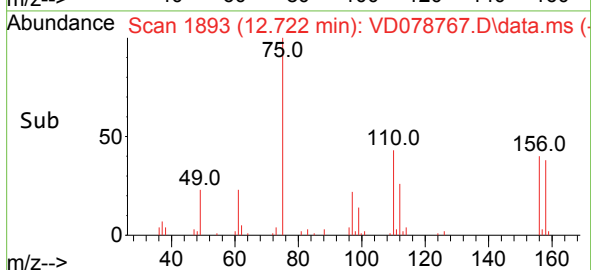
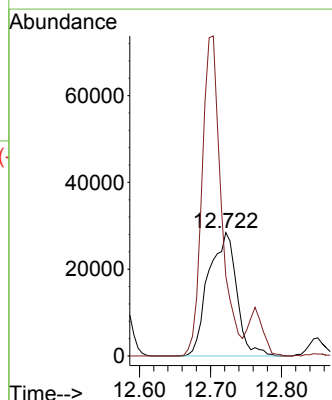
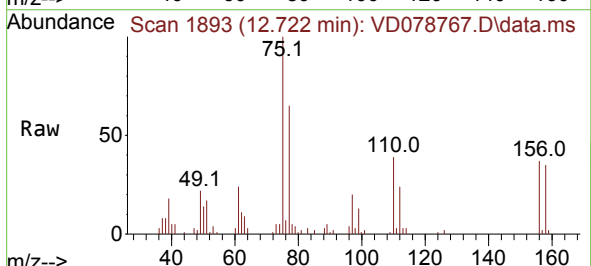
Acq: 28 Mar 2024 11:45

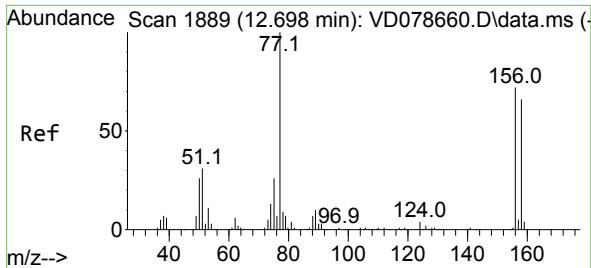
Tgt Ion: 75 Resp: 78333

Ion Ratio Lower Upper

75 100

77 178.0 0.0 0.0#

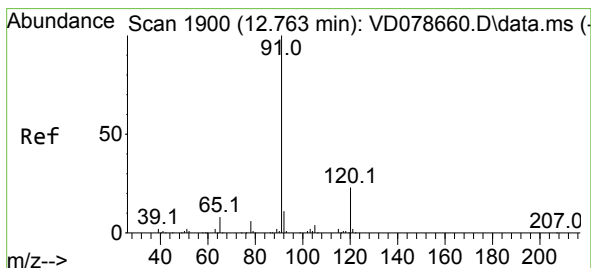
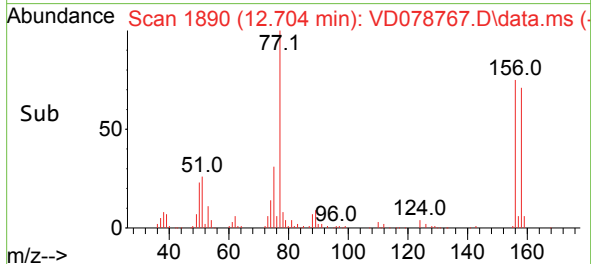
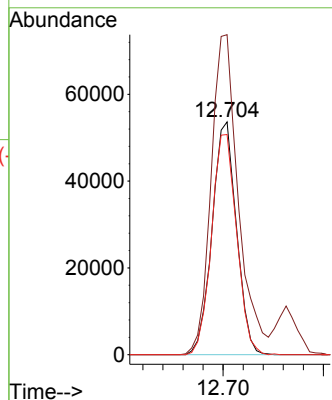
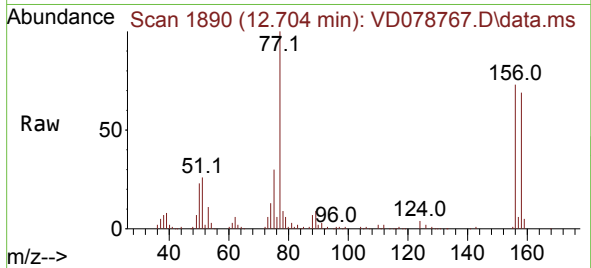




#77
Bromobenzene
Concen: 49.321 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

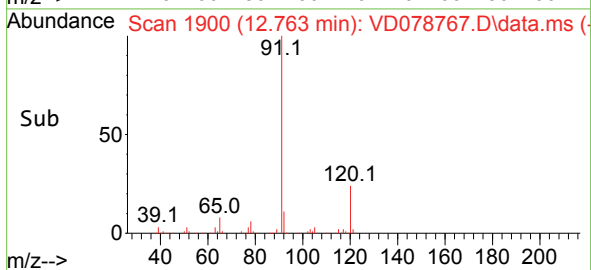
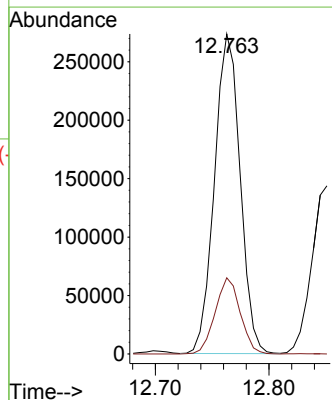
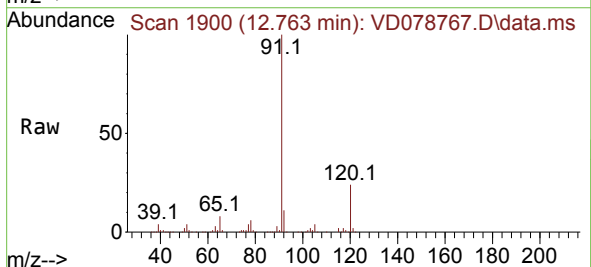
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

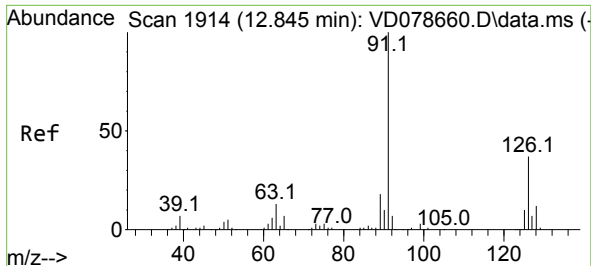
Tgt Ion:156 Resp: 90616
Ion Ratio Lower Upper
156 100
77 153.9 79.1 237.3
158 97.4 47.0 141.0



#78
n-propylbenzene
Concen: 47.531 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 91 Resp: 428628
Ion Ratio Lower Upper
91 100
120 23.3 11.7 35.1

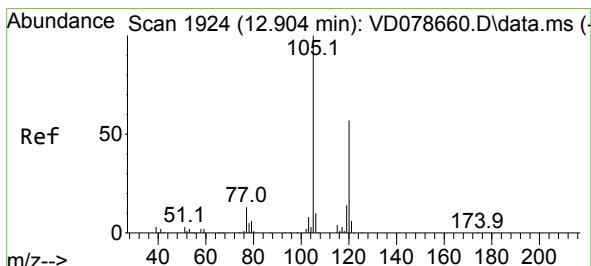
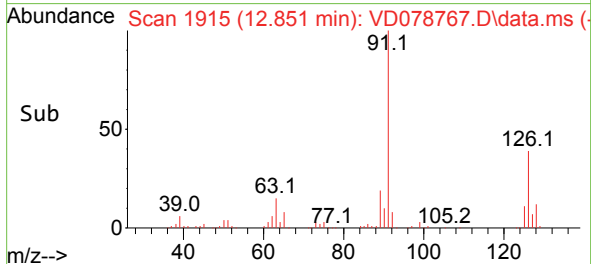
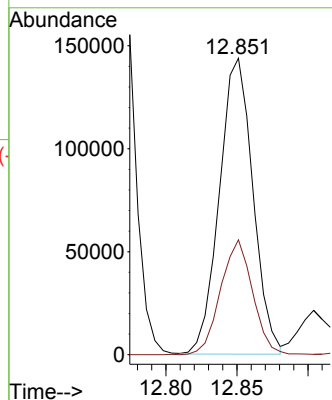
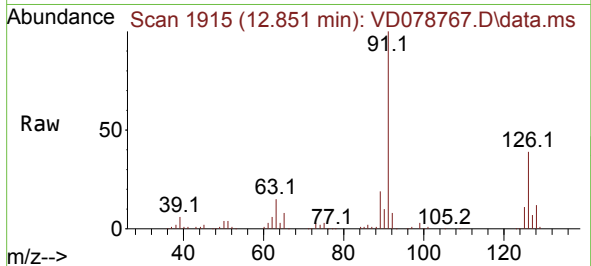




#79
2-Chlorotoluene
Concen: 47.768 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

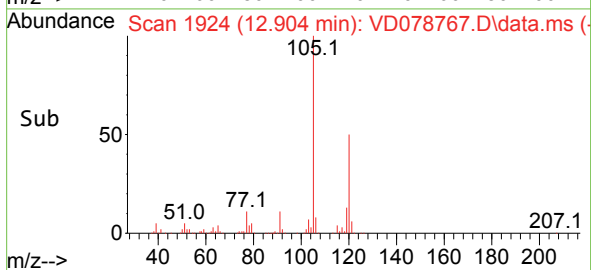
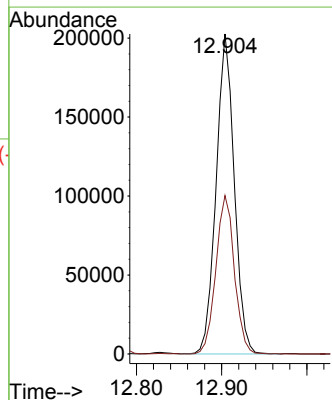
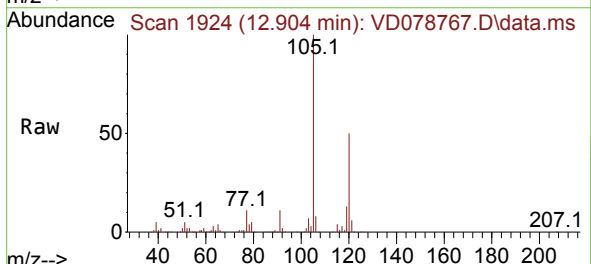
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

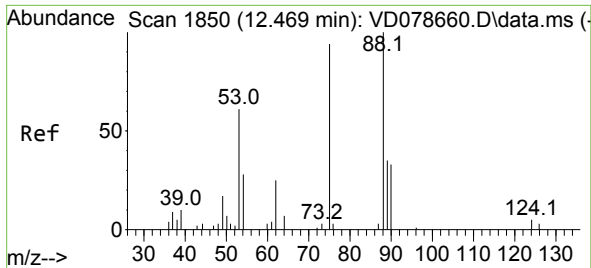
Tgt Ion: 91 Resp: 236314
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 48.858 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 105 Resp: 299326
Ion Ratio Lower Upper
105 100
120 50.6 25.9 77.7

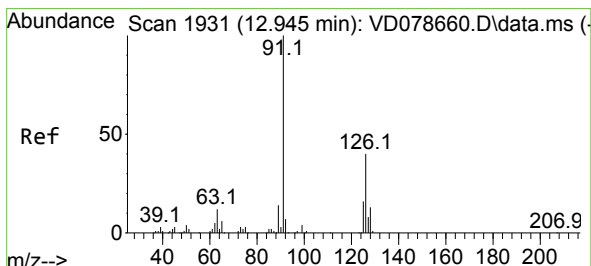
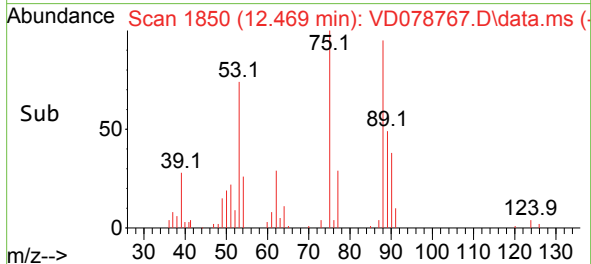
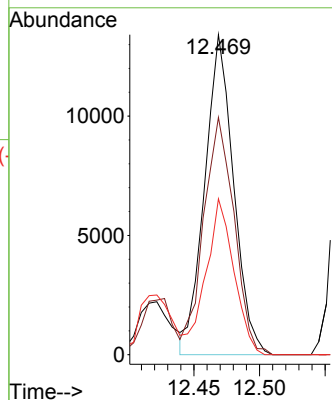
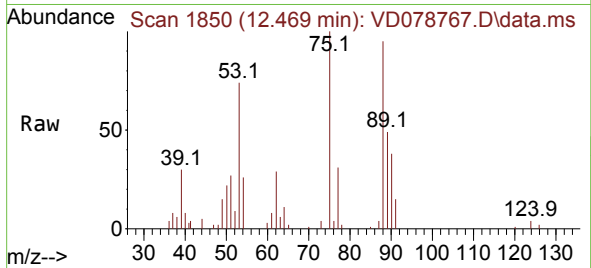




#81
trans-1,4-Dichloro-2-butene
Concen: 49.704 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

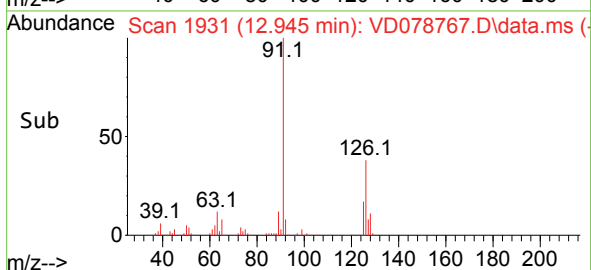
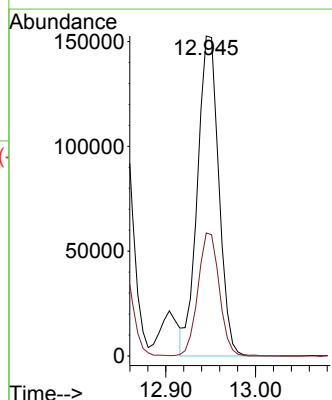
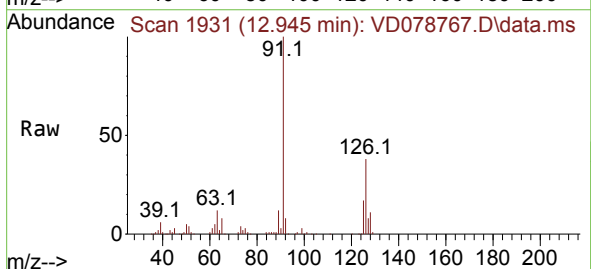
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

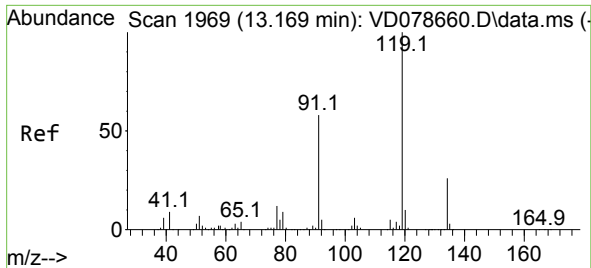
Tgt Ion: 75 Resp: 20556
Ion Ratio Lower Upper
75 100
53 78.4 61.0 91.6
89 47.7 35.4 53.0



#82
4-Chlorotoluene
Concen: 48.153 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion: 91 Resp: 251963
Ion Ratio Lower Upper
91 100
126 38.4 18.9 56.5

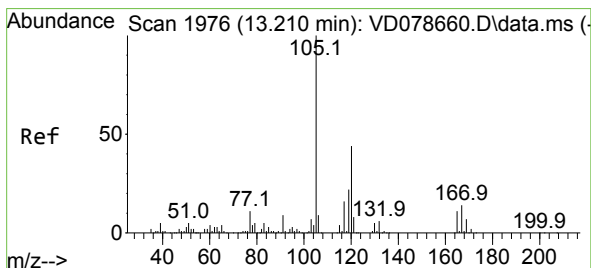
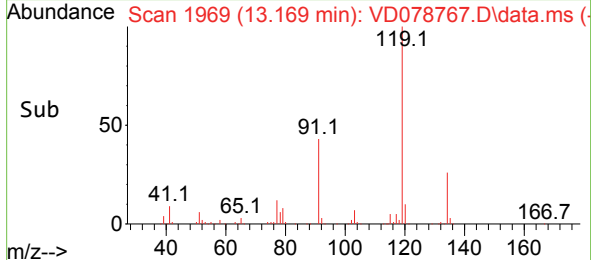
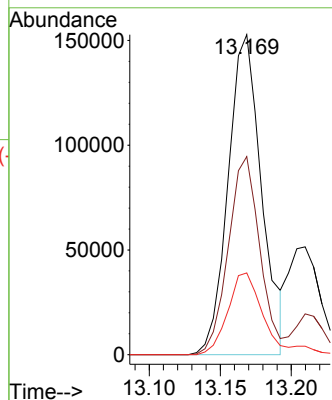
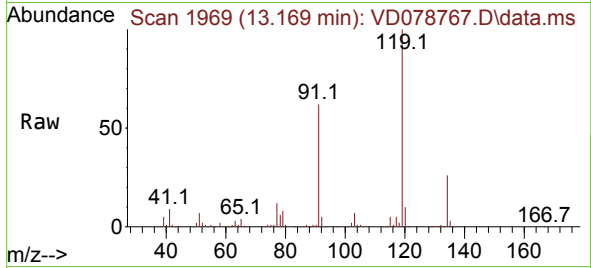




#83
 tert-Butylbenzene
 Concen: 47.439 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

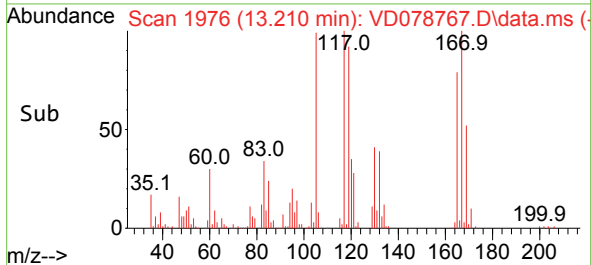
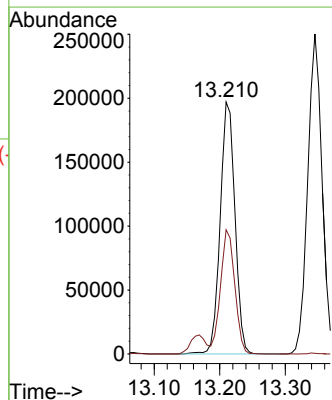
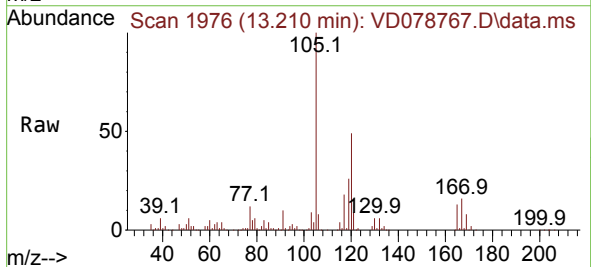
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

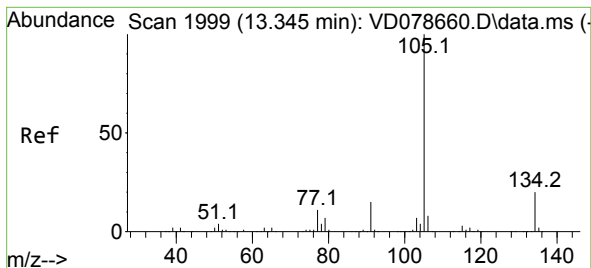
Tgt Ion:119 Resp: 250600
 Ion Ratio Lower Upper
 119 100
 91 58.3 28.9 86.7
 134 27.7 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.692 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

Tgt Ion:105 Resp: 306800
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 47.253 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

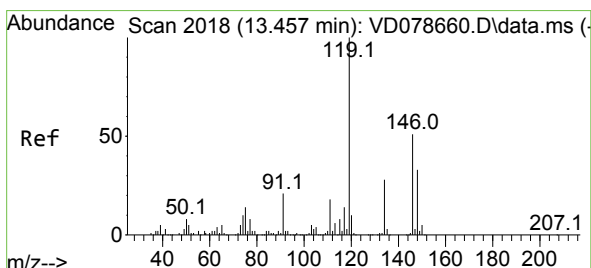
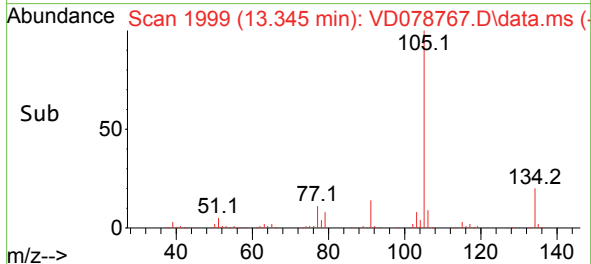
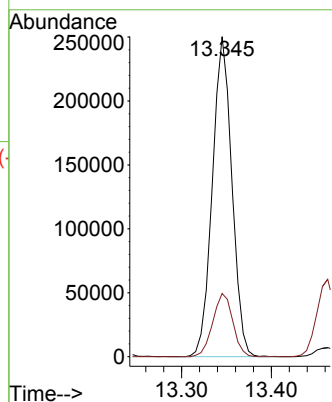
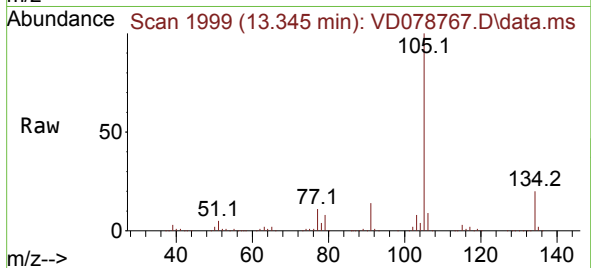
VSTDCCC050

Tgt Ion:105 Resp: 377747

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.2



#86

p-Isopropyltoluene

Concen: 48.260 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

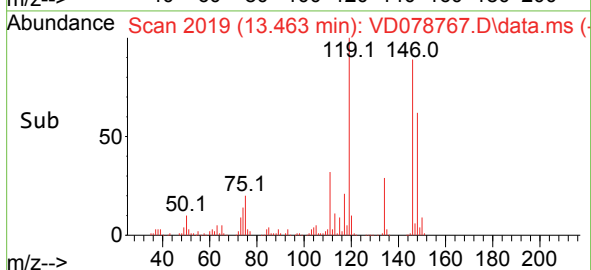
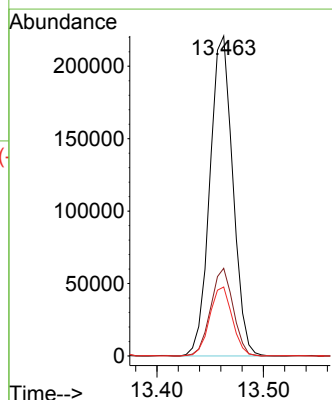
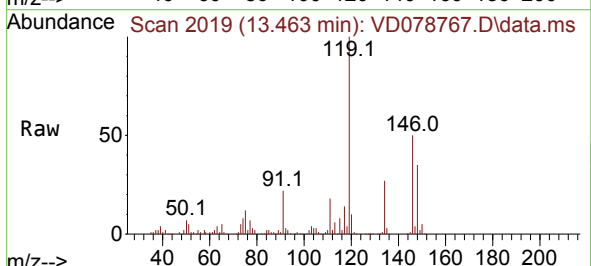
Tgt Ion:119 Resp: 330271

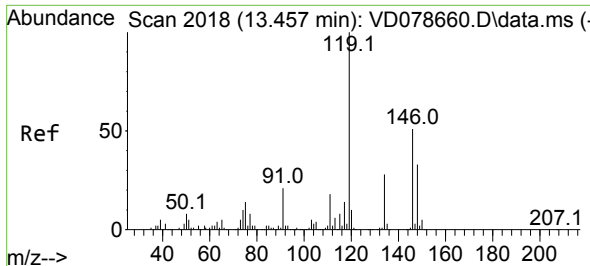
Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 21.3 10.4 31.2

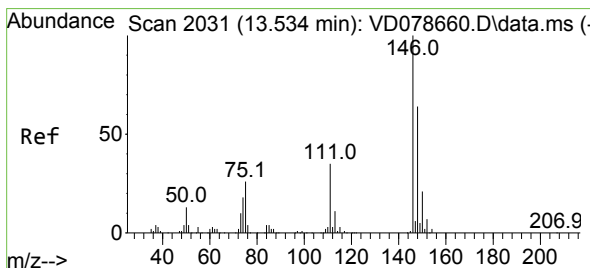
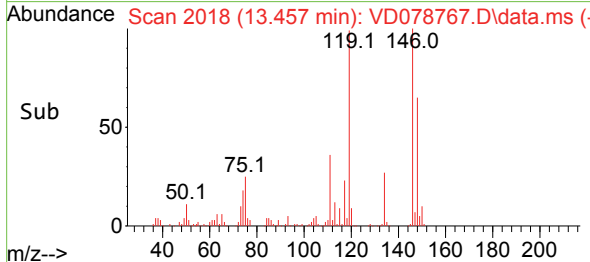
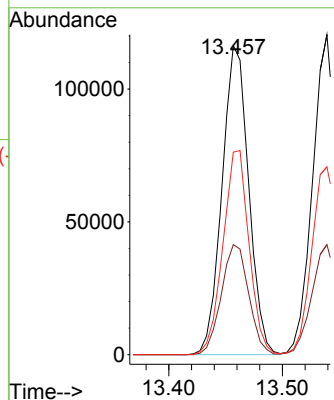
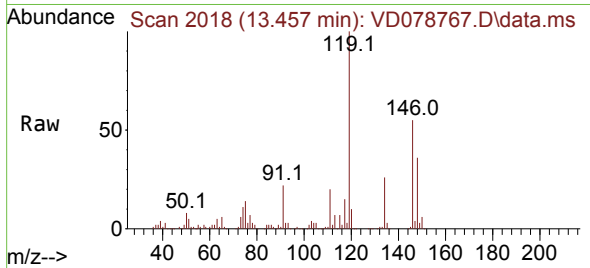




#87
1,3-Dichlorobenzene
Concen: 48.848 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

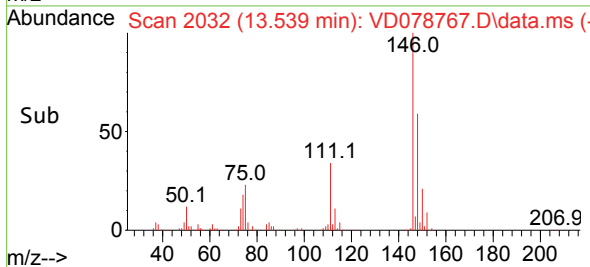
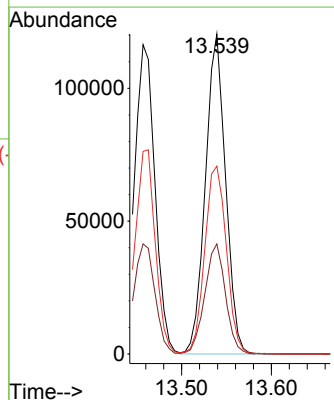
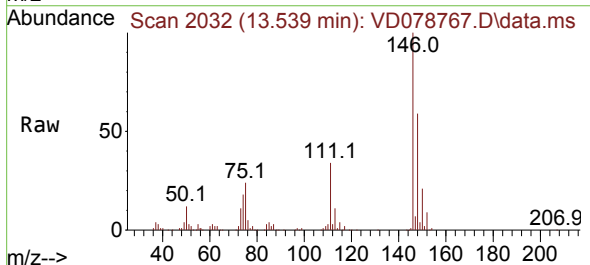
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

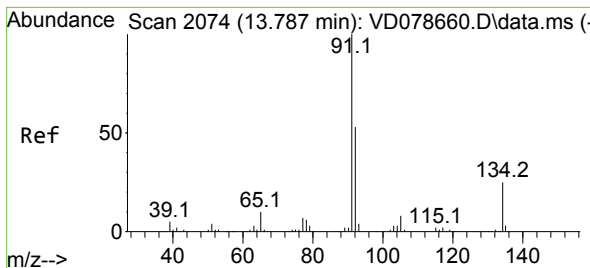
Tgt Ion:146 Resp: 189391
Ion Ratio Lower Upper
146 100
111 36.6 18.2 54.6
148 64.8 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 49.251 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:146 Resp: 188190
Ion Ratio Lower Upper
146 100
111 35.3 17.8 53.3
148 63.0 32.4 97.0





#89

n-Butylbenzene

Concen: 47.523 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

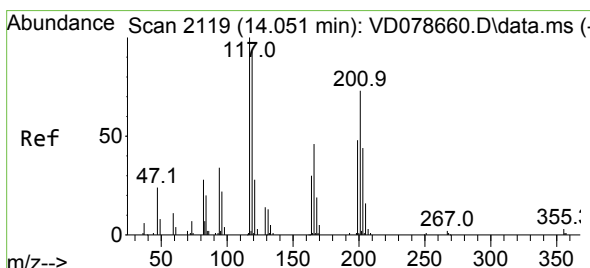
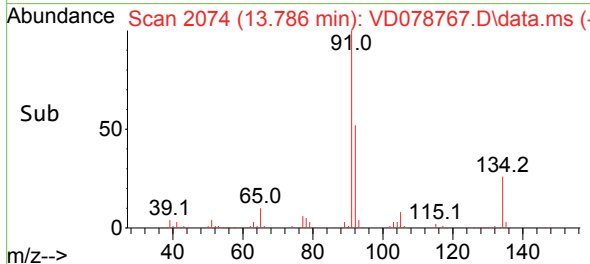
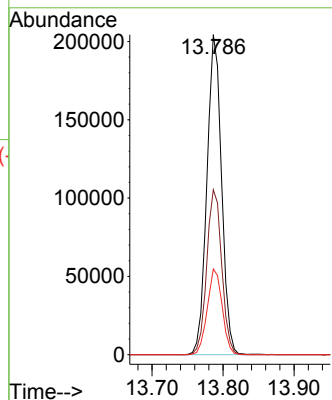
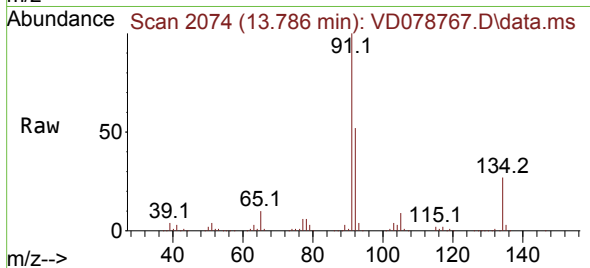
Tgt Ion: 91 Resp: 293719

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 27.2 13.0 38.9



#90

Hexachloroethane

Concen: 45.930 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078767.D

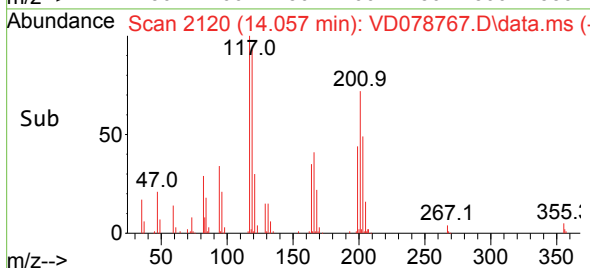
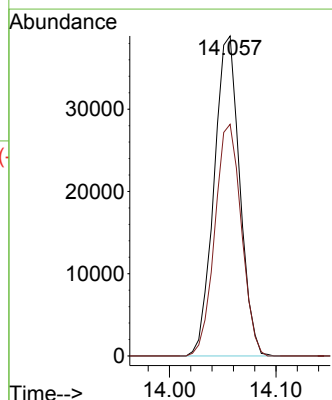
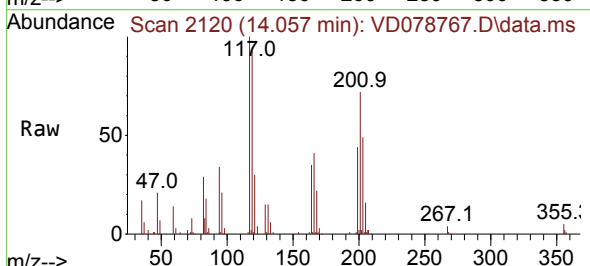
Acq: 28 Mar 2024 11:45

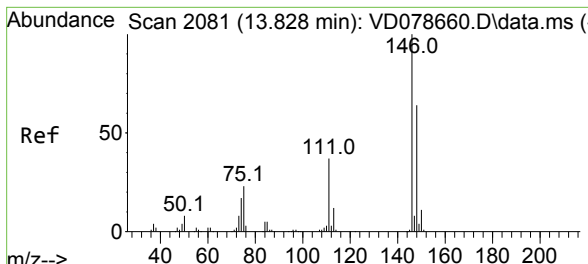
Tgt Ion: 117 Resp: 65039

Ion Ratio Lower Upper

117 100

201 74.7 36.2 108.6

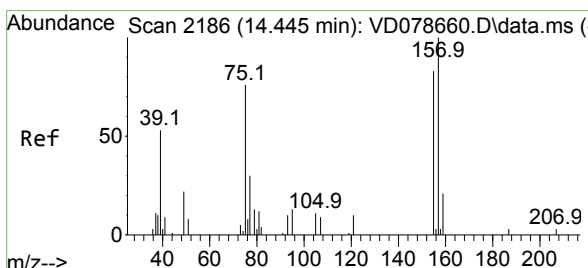
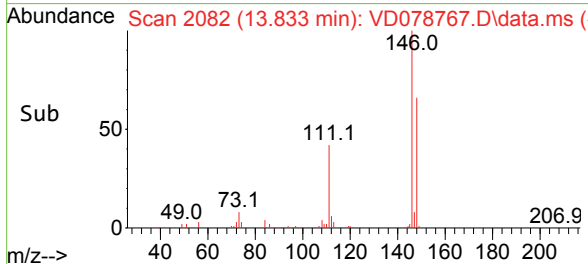
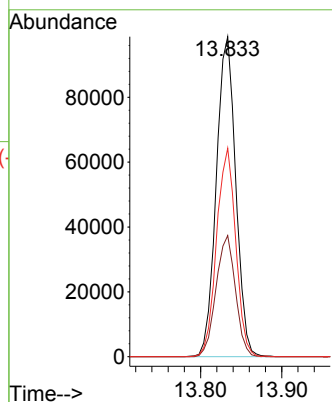
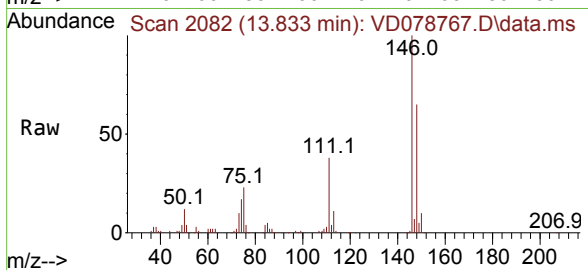




#91
 1,2-Dichlorobenzene
 Concen: 49.181 ug/l
 RT: 13.833 min Scan# 2081
 Delta R.T. 0.006 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

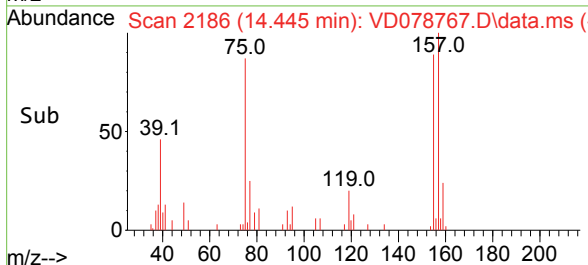
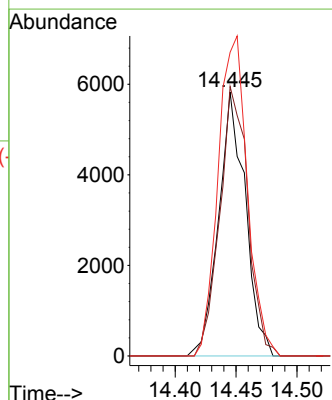
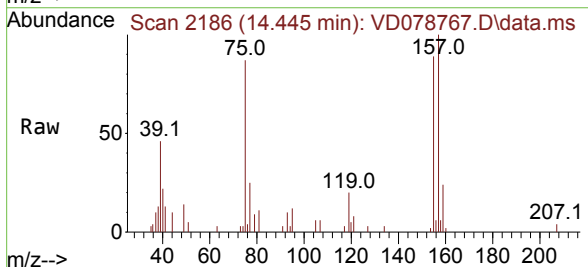
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

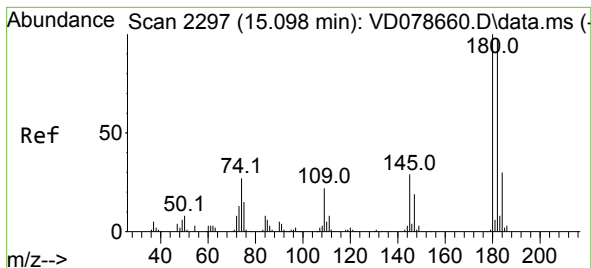
Tgt Ion:146 Resp: 164227
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.6 56.0
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.429 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.000 min
 Lab File: VD078767.D
 Acq: 28 Mar 2024 11:45

Tgt Ion: 75 Resp: 8885
 Ion Ratio Lower Upper
 75 100
 155 107.2 49.8 149.3
 157 133.1 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 50.363 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

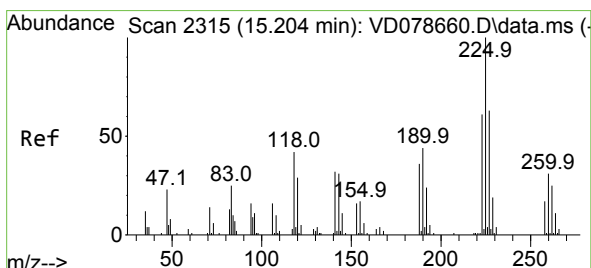
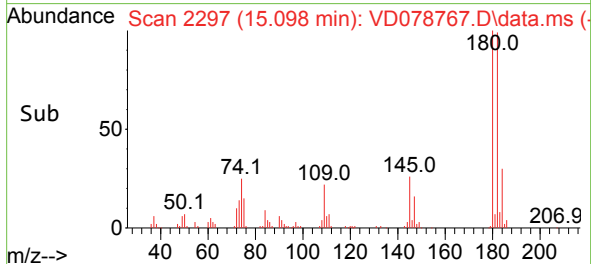
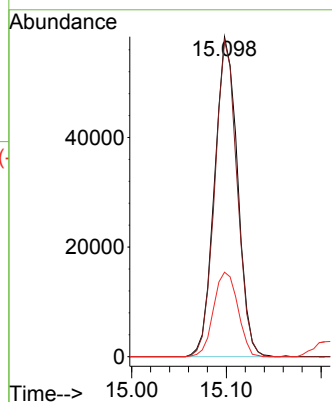
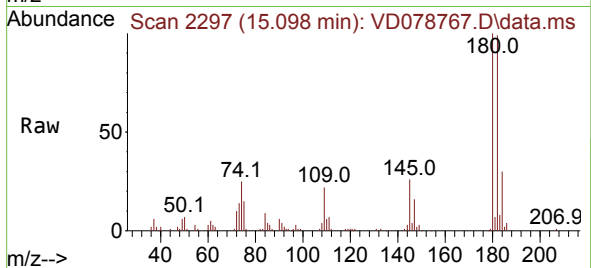
Tgt Ion:180 Resp: 98148

Ion Ratio Lower Upper

180 100

182 96.4 49.7 149.1

145 28.0 14.6 44.0



#94

Hexachlorobutadiene

Concen: 47.557 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078767.D

Acq: 28 Mar 2024 11:45

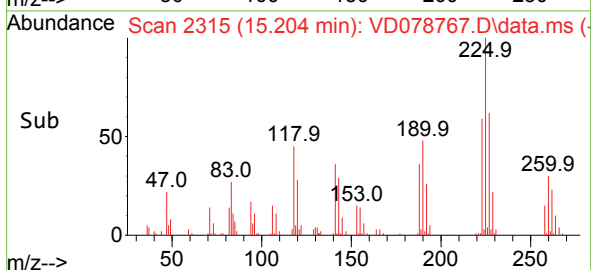
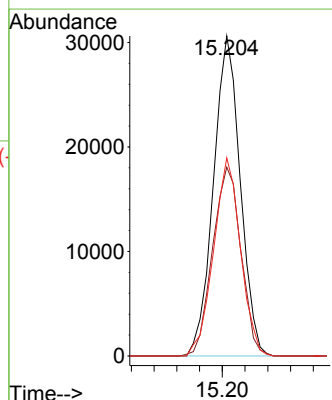
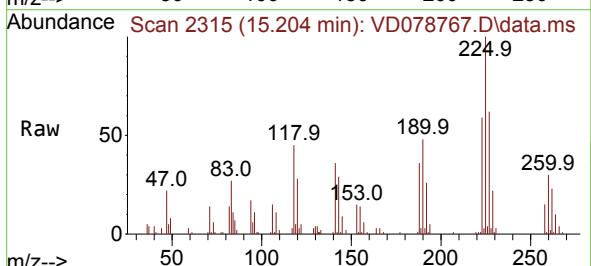
Tgt Ion:225 Resp: 50175

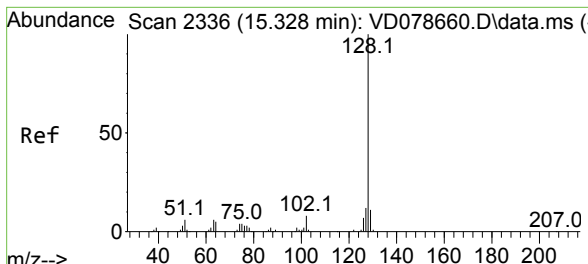
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.7

227 62.0 32.0 96.0

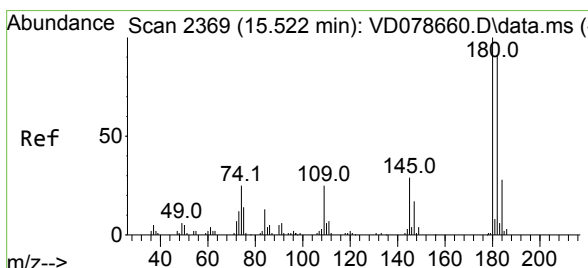
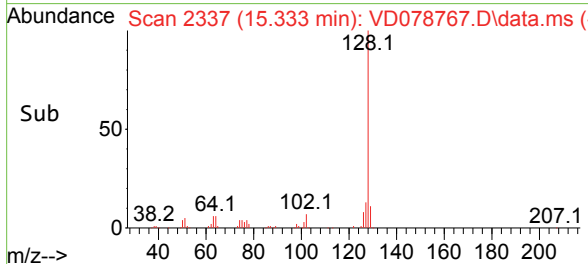
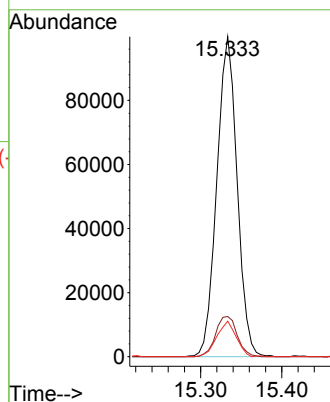
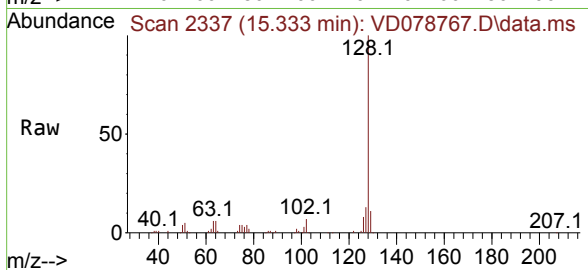




#95
Naphthalene
Concen: 51.327 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	173909
Ion Ratio	Lower	Upper	
128	100		
127	12.6	9.3	13.9
129	11.1	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 51.610 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078767.D
Acq: 28 Mar 2024 11:45

Tgt Ion:	180	Resp:	87012
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.7	140.1
145	29.7	14.4	43.4

