

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078687.D
 Acq On : 15 Mar 2024 17:09
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 16 05:27:27 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	107049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	179448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49209	49.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.100%
35) Dibromofluoromethane	7.810	113	56679	49.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.120%
50) Toluene-d8	10.269	98	210497	49.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.575	95	62721	50.455	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	45892	46.062	ug/l	99
3) Chloromethane	2.146	50	81187	51.609	ug/l	99
4) Vinyl Chloride	2.281	62	123321	53.141	ug/l	94
5) Bromomethane	2.687	94	107653	48.451	ug/l	100
6) Chloroethane	2.834	64	96535	53.341	ug/l	94
7) Trichlorofluoromethane	3.169	101	88308	48.101	ug/l	98
8) Diethyl Ether	3.593	74	26727	49.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.964	101	55389	48.073	ug/l	99
10) Methyl Iodide	4.164	142	71018	52.108	ug/l	97
11) Tert butyl alcohol	5.046	59	12470	277.748	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	52671	48.089	ug/l	87
13) Acrolein	3.793	56	13921	197.937	ug/l	93
14) Allyl chloride	4.564	41	61282	50.143	ug/l	97
15) Acrylonitrile	5.258	53	58223	269.448	ug/l	97
16) Acetone	4.022	43	48426	249.623	ug/l	96
17) Carbon Disulfide	4.269	76	173919	48.436	ug/l	100
18) Methyl Acetate	4.569	43	24905	59.820	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	118506	53.651	ug/l	96
20) Methylene Chloride	4.799	84	67966	51.538	ug/l	98
21) trans-1,2-Dichloroethene	5.311	96	66554	51.496	ug/l	92
22) Diisopropyl ether	6.222	45	150324	54.100	ug/l	93
23) Vinyl Acetate	6.152	43	398138	244.957	ug/l	98
24) 1,1-Dichloroethane	6.111	63	107714	51.705	ug/l	96
25) 2-Butanone	7.081	43	67034	259.902	ug/l	99
26) 2,2-Dichloropropane	7.069	77	86496	49.074	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	74931	50.832	ug/l	98
28) Bromochloromethane	7.428	49	25913	34.890	ug/l	99
29) Tetrahydrofuran	7.446	42	41420	295.258	ug/l	97
30) Chloroform	7.593	83	119041	51.250	ug/l	97
31) Cyclohexane	7.875	56	78828	46.748	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	98451	49.956	ug/l	98
36) 1,1-Dichloropropene	8.005	75	85943	51.267	ug/l	100
37) Ethyl Acetate	7.169	43	29927	54.646	ug/l	97
38) Carbon Tetrachloride	7.993	117	88433	50.039	ug/l	97
39) Methylcyclohexane	9.275	83	98128	50.461	ug/l	94
40) Benzene	8.252	78	267551	52.798	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	13735	47.859	ug/l #	91
42) 1,2-Dichloroethane	8.322	62	67941	54.978	ug/l	100
43) Isopropyl Acetate	8.363	43	53338	53.555	ug/l #	80
44) Trichloroethene	9.028	130	68478	49.794	ug/l	97
45) 1,2-Dichloropropane	9.304	63	63652	52.951	ug/l	96
46) Dibromomethane	9.393	93	38763	53.793	ug/l	95
47) Bromodichloromethane	9.587	83	91966	53.611	ug/l	98
48) Methyl methacrylate	9.381	41	27314	56.285	ug/l	97
49) 1,4-Dioxane	9.381	88	7873	1180.011	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	148790	285.762	ug/l	100
52) Toluene	10.334	92	171705	52.630	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	84403	53.813	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	98568	52.277	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	51791	53.671	ug/l	95
56) Ethyl methacrylate	10.599	69	53090	54.881	ug/l	97
57) 1,3-Dichloropropane	10.875	76	83461	53.602	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	117120	274.576	ug/l	97
59) 2-Hexanone	10.922	43	108288	280.551	ug/l	98
60) Dibromochloromethane	11.075	129	65244	54.826	ug/l	99
61) 1,2-Dibromoethane	11.175	107	49864	53.396	ug/l	98
64) Tetrachloroethene	10.810	164	57712	49.505	ug/l	98
65) Chlorobenzene	11.604	112	184808	50.202	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	70864	52.562	ug/l	97
67) Ethyl Benzene	11.681	91	322604	51.426	ug/l	97
68) m/p-Xylenes	11.793	106	266202	104.502	ug/l	98
69) o-Xylene	12.122	106	121958	51.746	ug/l	96
70) Styrene	12.134	104	215328	54.432	ug/l	99
71) Bromoform	12.298	173	38599	52.978	ug/l #	95
73) Isopropylbenzene	12.422	105	305951	50.621	ug/l	100
74) N-amyl acetate	12.234	43	54642	55.684	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	59294	52.995	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	71003	100.394	ug/l #	100
77) Bromobenzene	12.698	156	75990	50.698	ug/l	98
78) n-propylbenzene	12.763	91	384278	52.234	ug/l	100
79) 2-Chlorotoluene	12.845	91	204238	50.605	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	265254	53.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	18249	54.087	ug/l	95
82) 4-Chlorotoluene	12.945	91	221741	51.945	ug/l	99
83) tert-Butylbenzene	13.163	119	227410	52.769	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	270335	53.672	ug/l	98
85) sec-Butylbenzene	13.345	105	345845	53.029	ug/l	98
86) p-Isopropyltoluene	13.457	119	293721	52.609	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	163324	51.635	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	158044	50.700	ug/l	98
89) n-Butylbenzene	13.787	91	264103	52.378	ug/l	98
90) Hexachloroethane	14.051	117	57957	50.169	ug/l	99
91) 1,2-Dichlorobenzene	13.828	146	141112	51.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7454	49.802	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	76551	48.149	ug/l	99
94) Hexachlorobutadiene	15.204	225	40850	47.460	ug/l	99
95) Naphthalene	15.334	128	145589	52.670	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	69295	50.381	ug/l	96

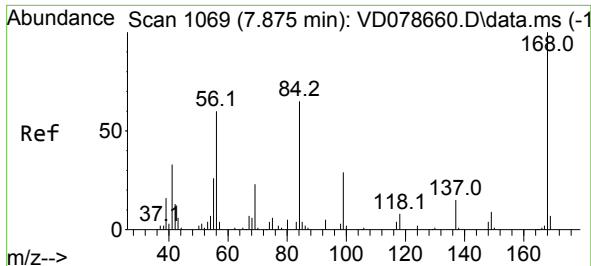
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
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Response via : Initial Calibration

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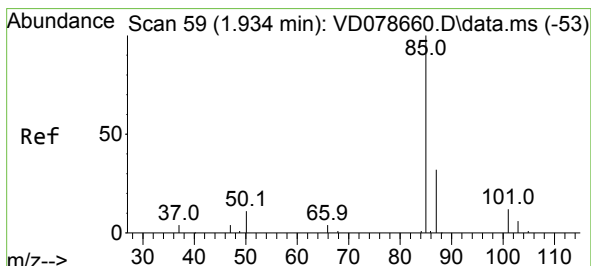
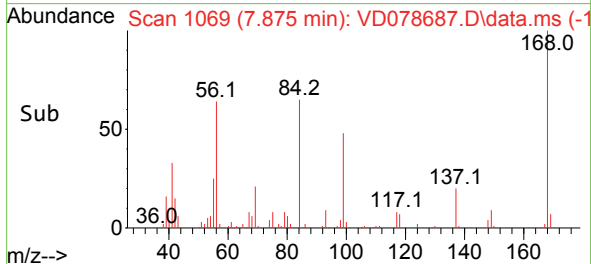
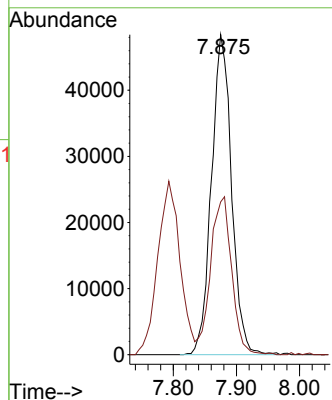
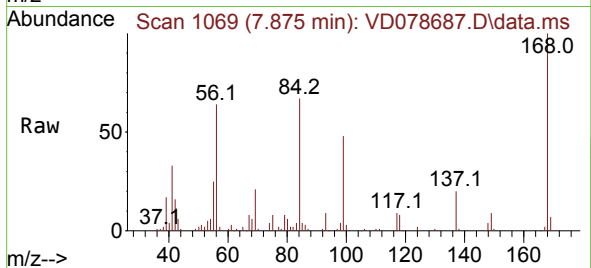
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

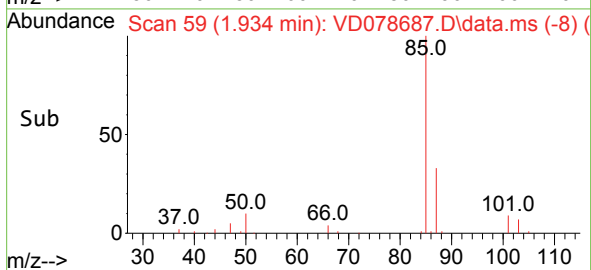
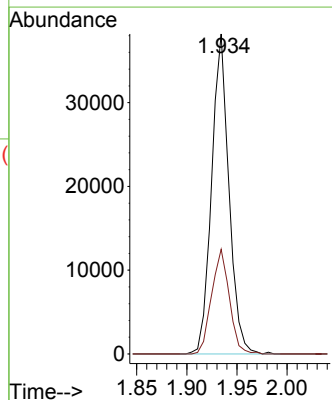
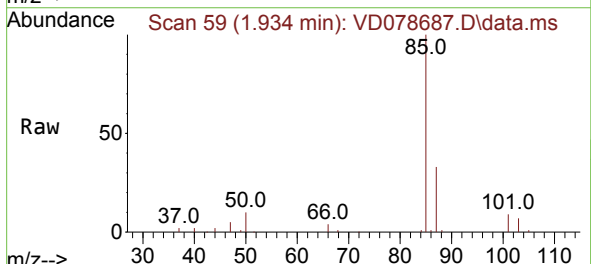
Instrument :
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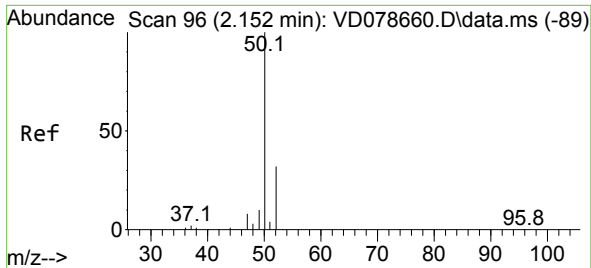
Tgt Ion:168 Resp: 107049
Ion Ratio Lower Upper
168 100
99 47.7 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 46.062 ug/l
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 85 Resp: 45892
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.5

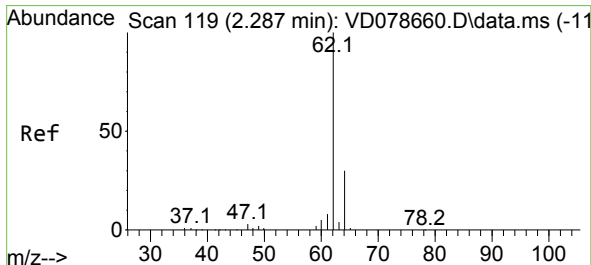
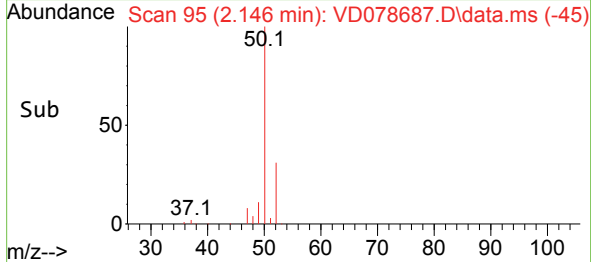
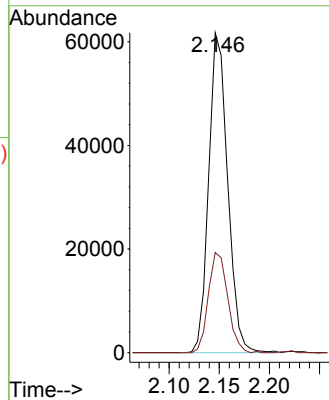
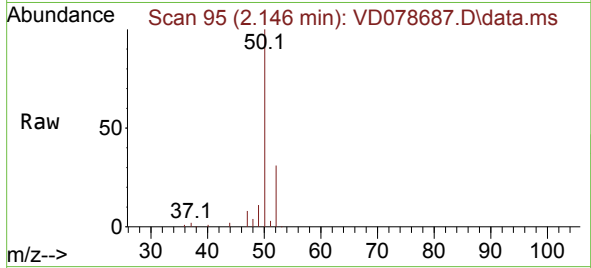




#3
Chloromethane
Concen: 51.609 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

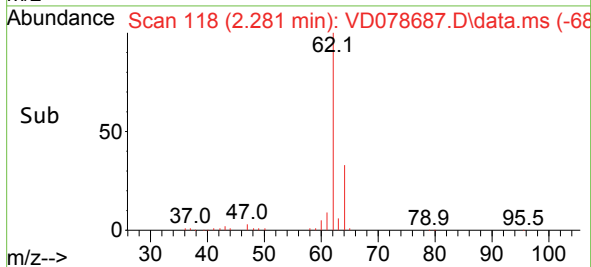
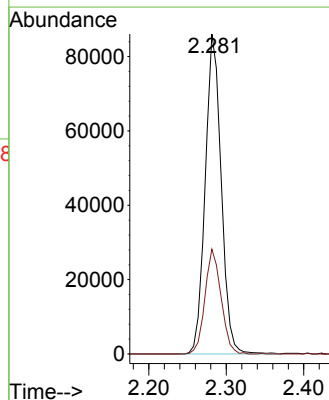
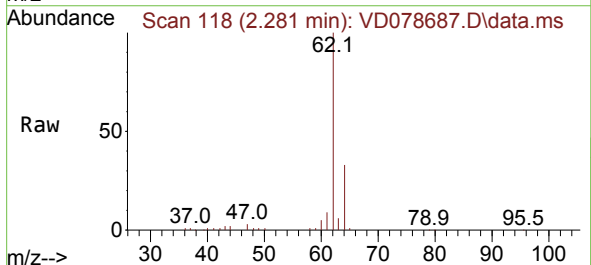
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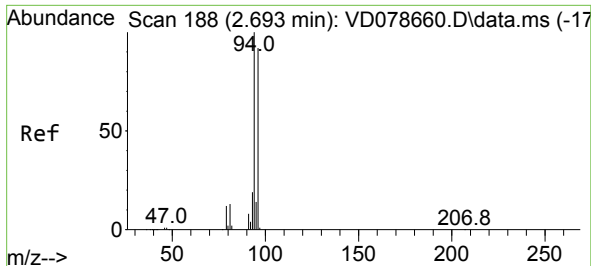
Tgt Ion: 50 Resp: 81187
Ion Ratio Lower Upper
50 100
52 31.3 25.6 38.4



#4
Vinyl Chloride
Concen: 53.141 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 62 Resp: 123321
Ion Ratio Lower Upper
62 100
64 32.7 23.7 35.5

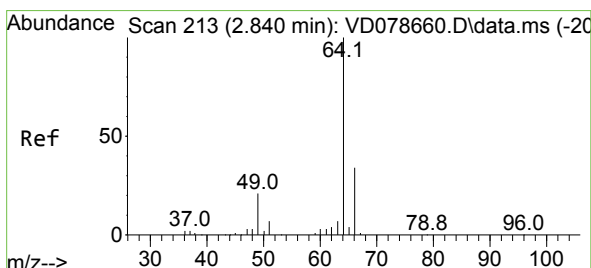
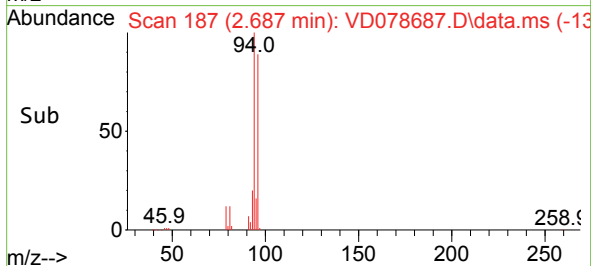
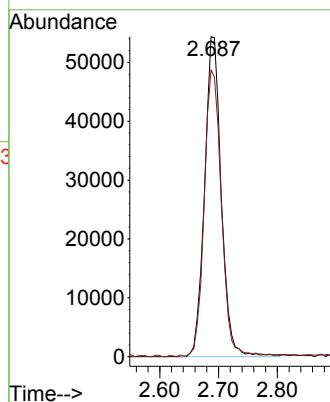
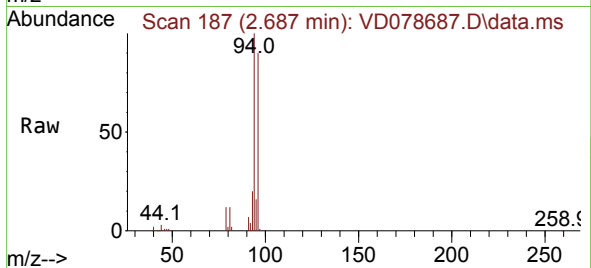




#5
Bromomethane
Concen: 48.451 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

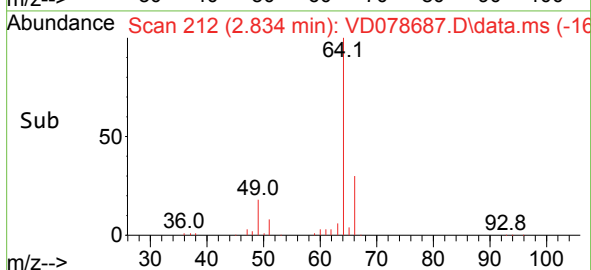
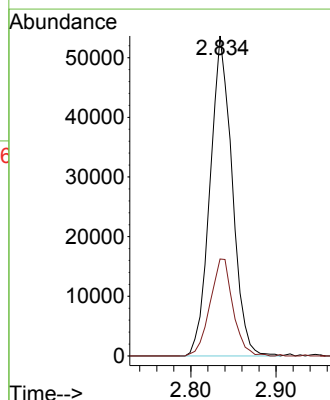
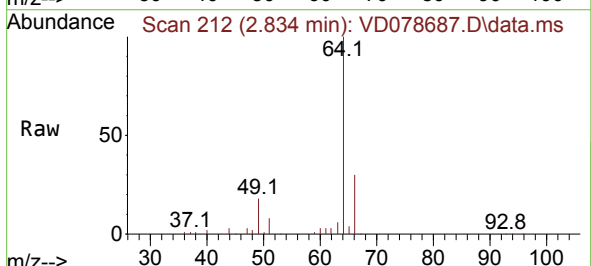
Instrument :
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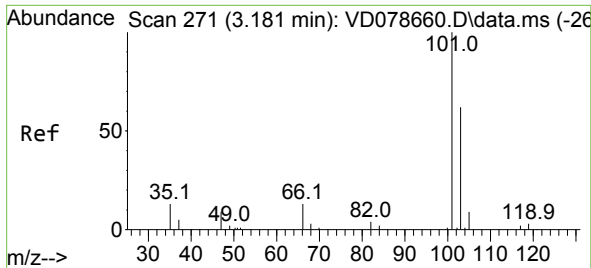
Tgt Ion: 94 Resp: 107653
Ion Ratio Lower Upper
94 100
96 91.6 73.5 110.3



#6
Chloroethane
Concen: 53.341 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 64 Resp: 96535
Ion Ratio Lower Upper
64 100
66 30.3 26.8 40.2

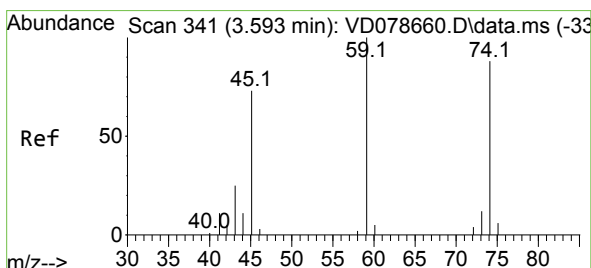
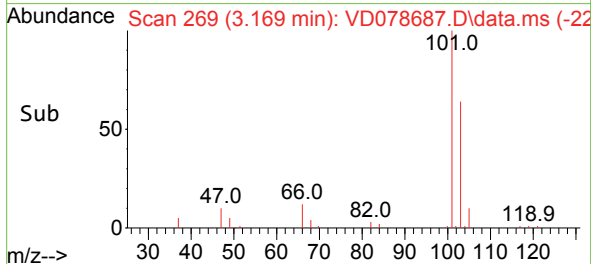
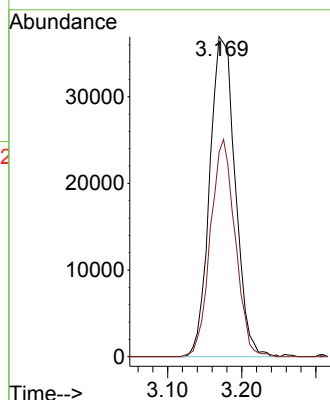
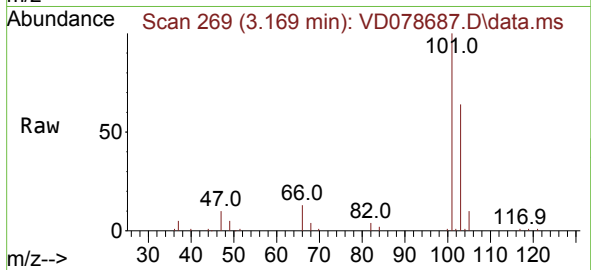




#7
 Trichlorofluoromethane
 Concen: 48.101 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

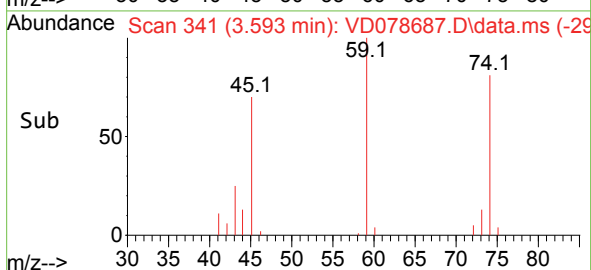
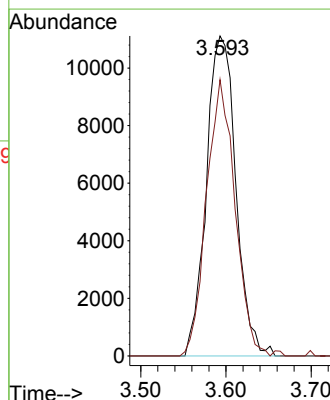
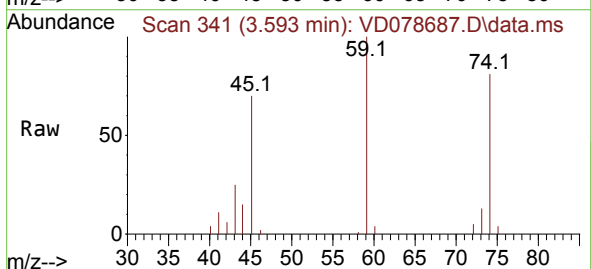
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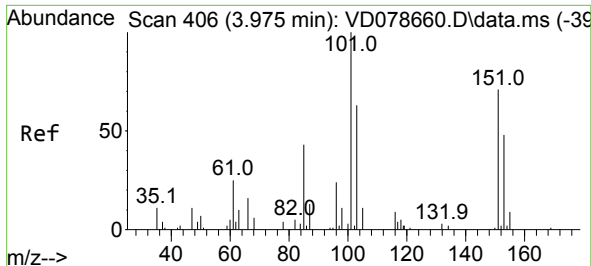
Tgt Ion:101 Resp: 88308
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.7 74.5



#8
 Diethyl Ether
 Concen: 49.861 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

Tgt Ion: 74 Resp: 26727
 Ion Ratio Lower Upper
 74 100
 45 83.4 42.4 127.3

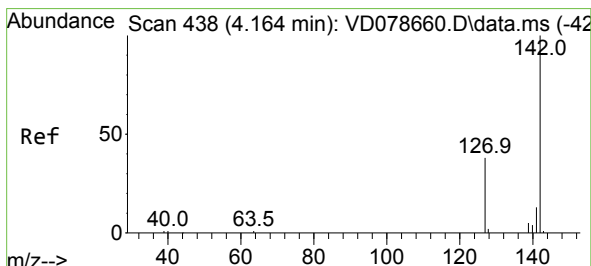
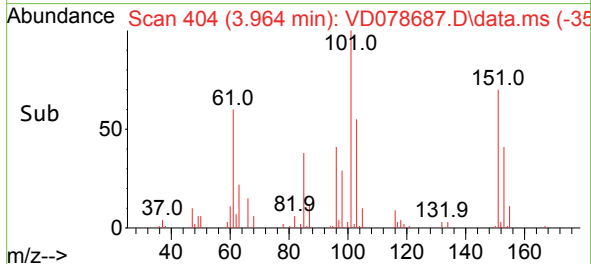
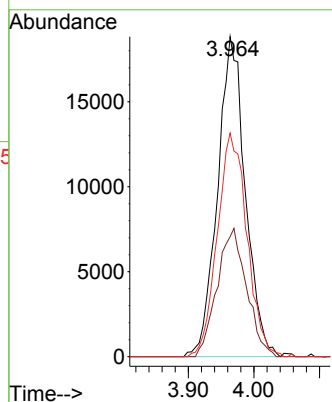
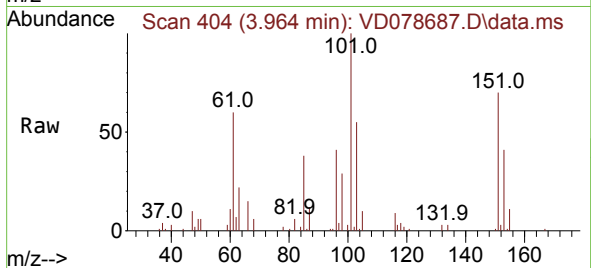




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.073 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078687.D
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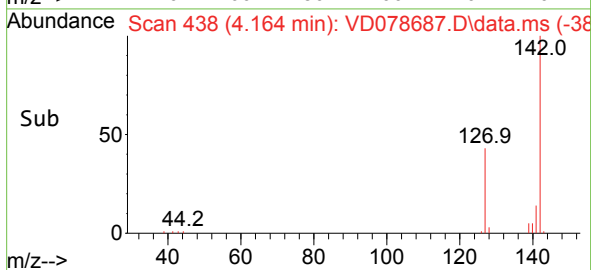
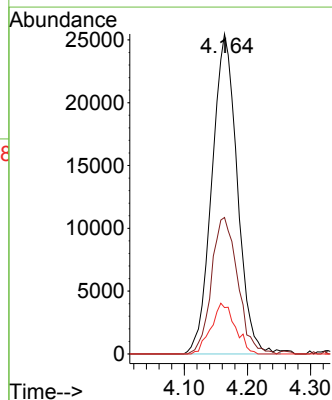
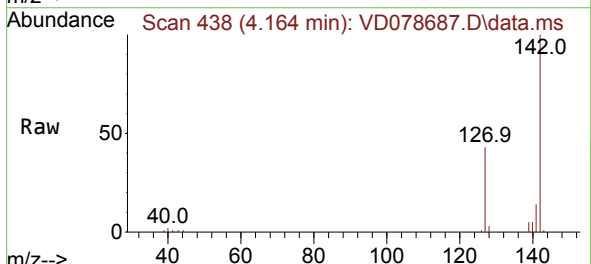
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

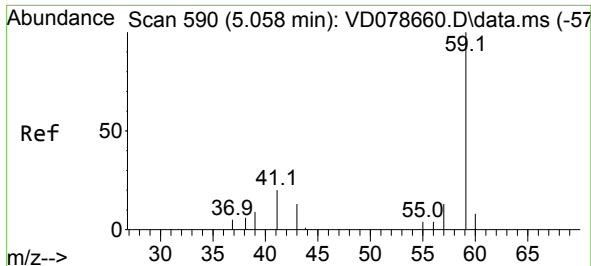
Tgt Ion:101	Resp:	55389
Ion	Ratio	Lower Upper
101	100	
85	42.5	35.8 53.6
151	74.4	59.4 89.2



#10
Methyl Iodide
Concen: 52.108 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:142	Resp:	71018
Ion	Ratio	Lower Upper
142	100	
127	44.1	33.5 50.3
141	15.1	11.7 17.5

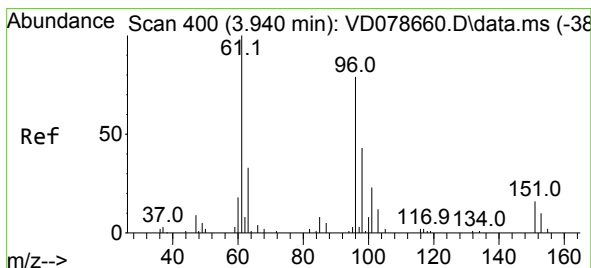
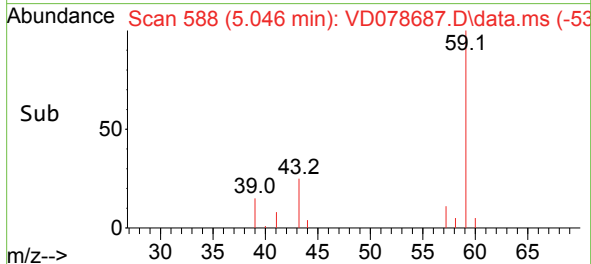
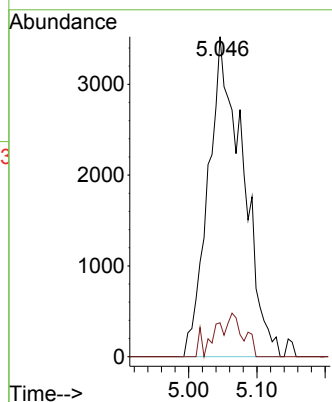
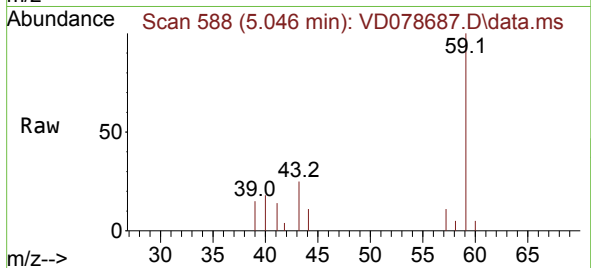




#11
Tert butyl alcohol
Concen: 277.748 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

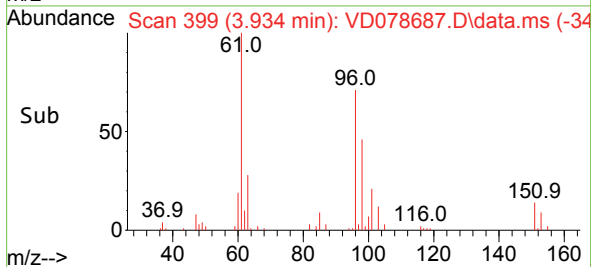
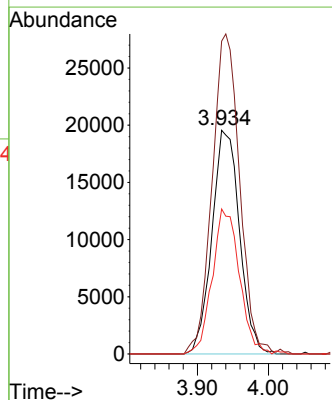
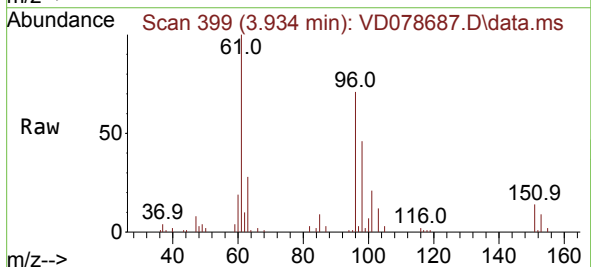
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

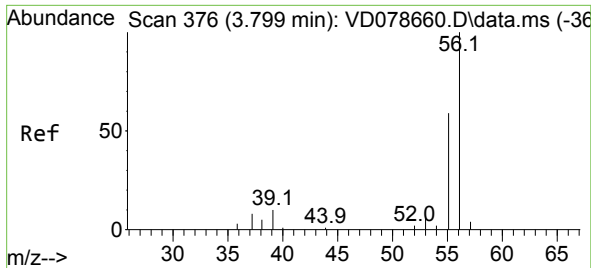
Tgt Ion: 59 Resp: 12470
Ion Ratio Lower Upper
59 100
57 6.2 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 48.089 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 96 Resp: 52671
Ion Ratio Lower Upper
96 100
61 139.9 101.4 152.0
98 64.9 43.4 65.0





#13

Acrolein

Concen: 197.937 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

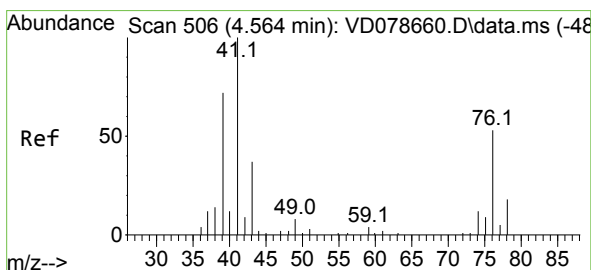
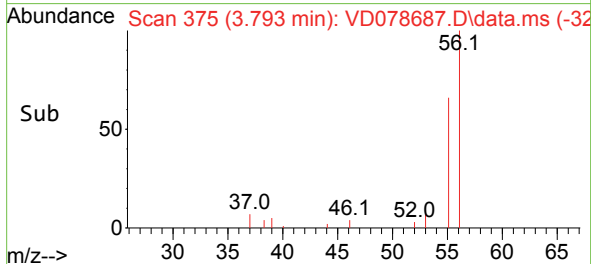
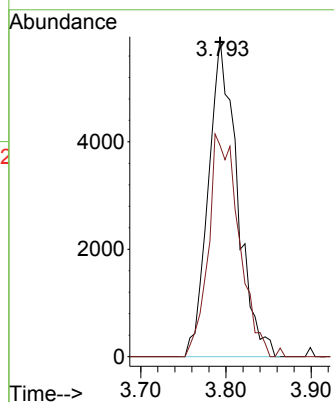
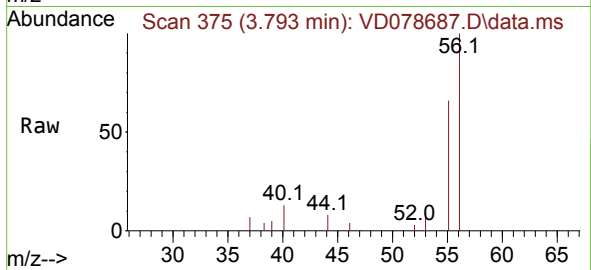
VSTDCCC050EC

Tgt Ion: 56 Resp: 13921

Ion Ratio Lower Upper

56 100

55 74.2 54.9 82.3



#14

Allyl chloride

Concen: 50.143 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

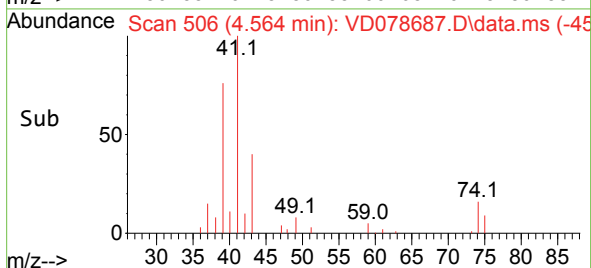
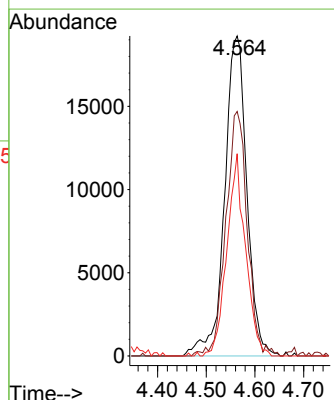
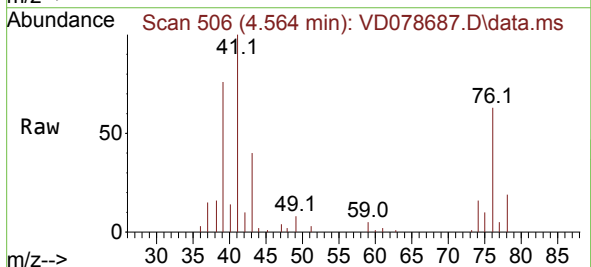
Tgt Ion: 41 Resp: 61282

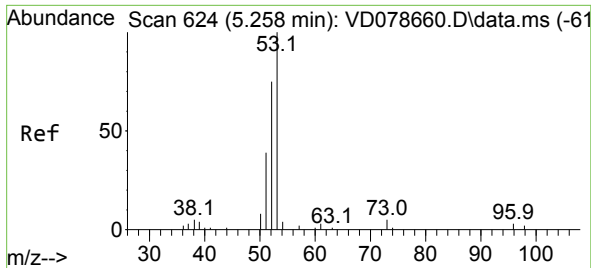
Ion Ratio Lower Upper

41 100

39 73.7 57.8 86.6

76 52.9 44.8 67.2

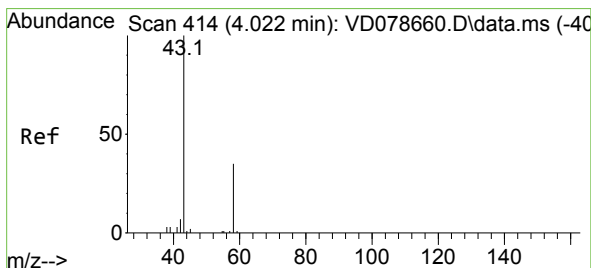
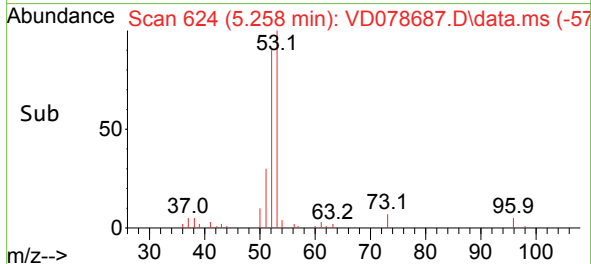
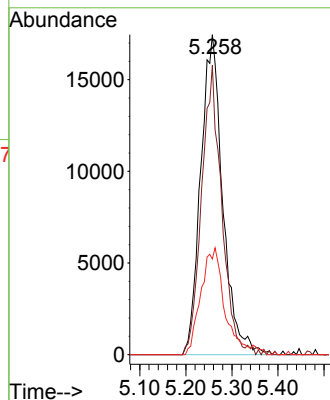
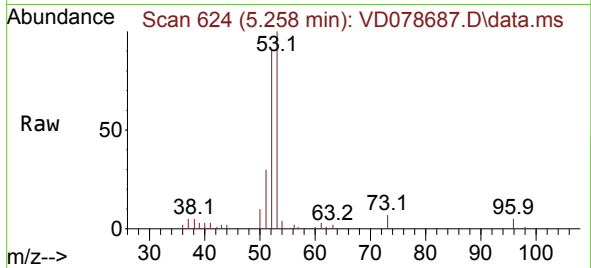




#15
Acrylonitrile
Concen: 269.448 ug/l
RT: 5.258 min Scan# 615
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

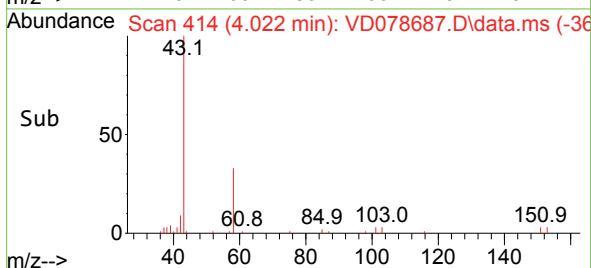
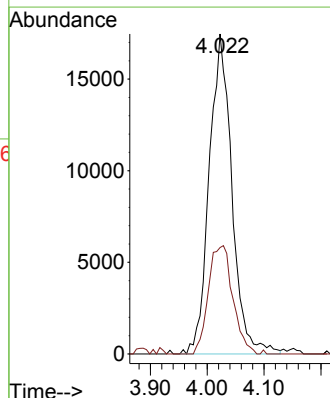
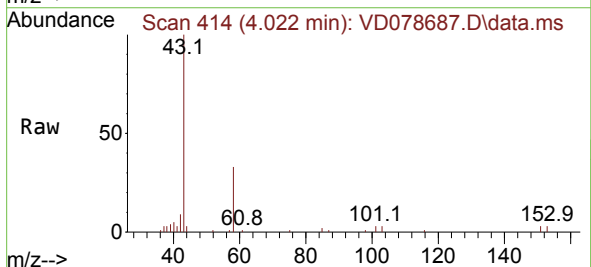
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

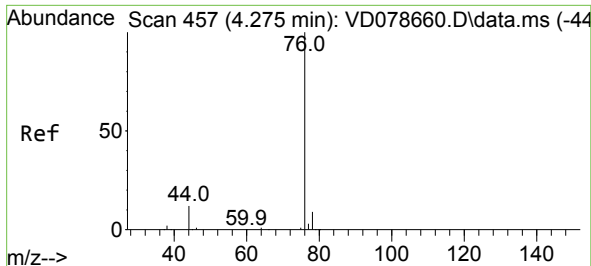
Tgt Ion:	53	Resp:	58223
Ion	Ratio	Lower	Upper
53	100		
52	81.0	61.9	92.9
51	35.5	29.0	43.4



#16
Acetone
Concen: 249.623 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:	43	Resp:	48426
Ion	Ratio	Lower	Upper
43	100		
58	33.2	28.2	42.4

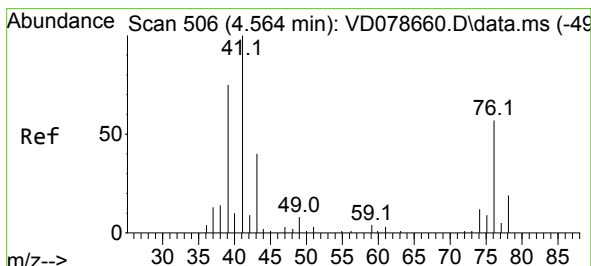
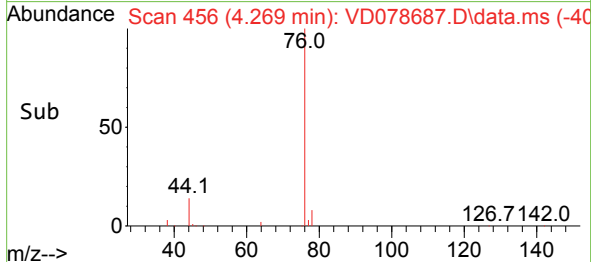
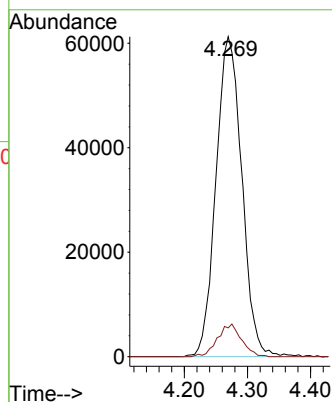
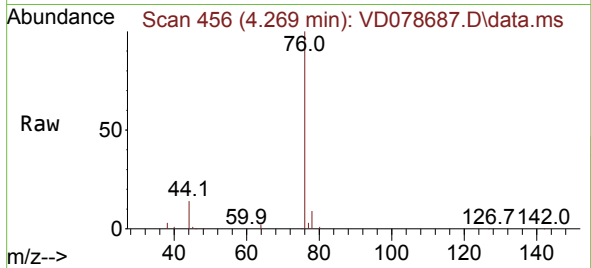




#17
Carbon Disulfide
Concen: 48.436 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

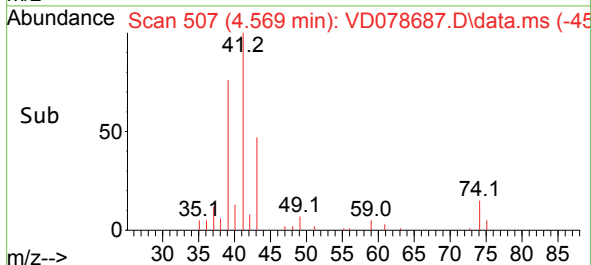
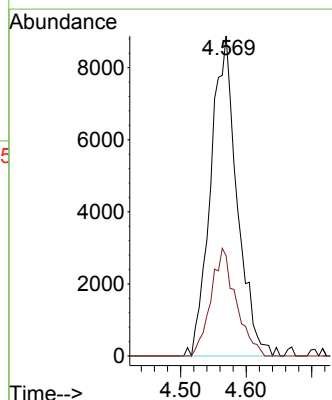
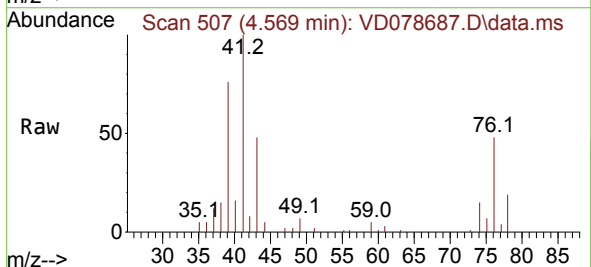
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

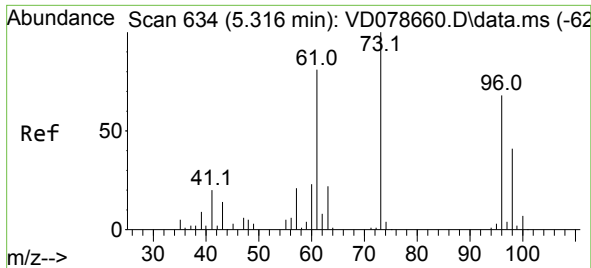
Tgt Ion: 76 Resp: 173919
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 59.820 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 43 Resp: 24905
Ion Ratio Lower Upper
43 100
74 32.0 25.3 37.9

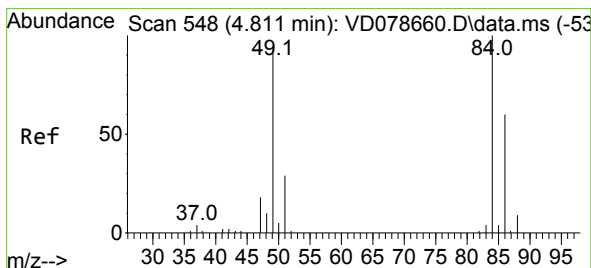
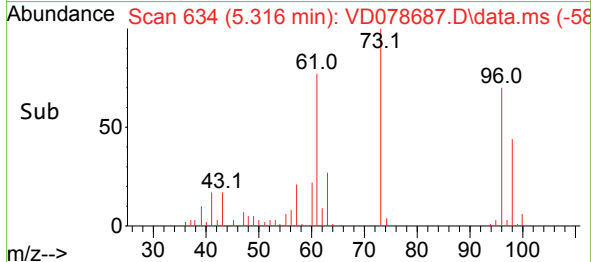
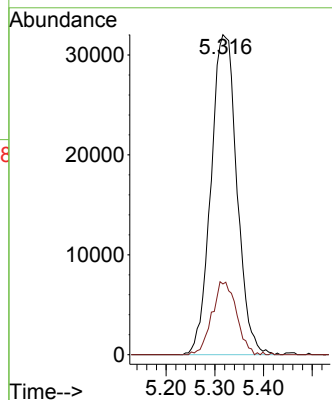
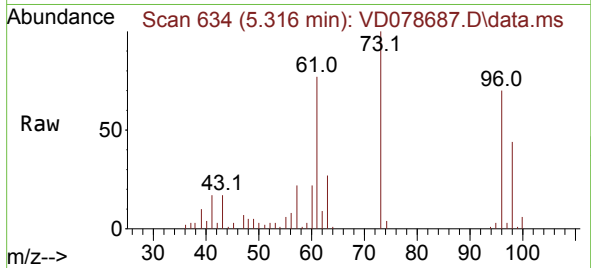




#19
Methyl tert-butyl Ether
Concen: 53.651 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

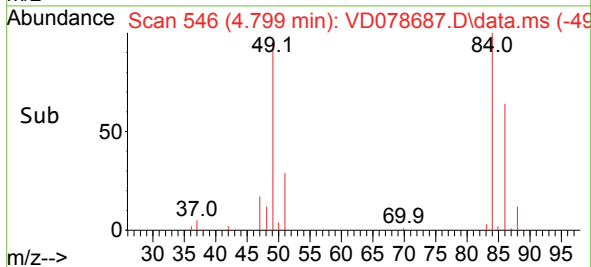
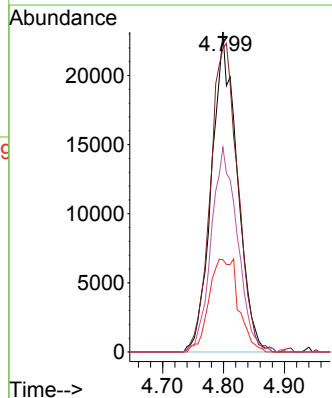
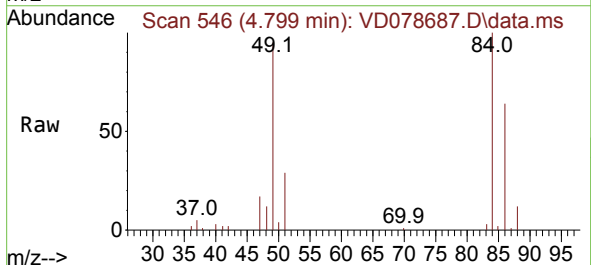
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

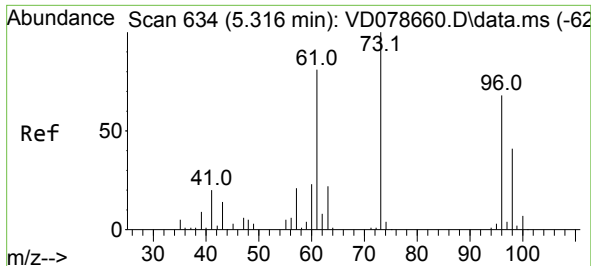
Tgt Ion: 73 Resp: 118506
Ion Ratio Lower Upper
73 100
57 22.1 16.4 24.6



#20
Methylene Chloride
Concen: 51.538 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 84 Resp: 67966
Ion Ratio Lower Upper
84 100
49 94.9 75.6 113.4
51 28.8 23.4 35.0
86 63.9 47.8 71.6

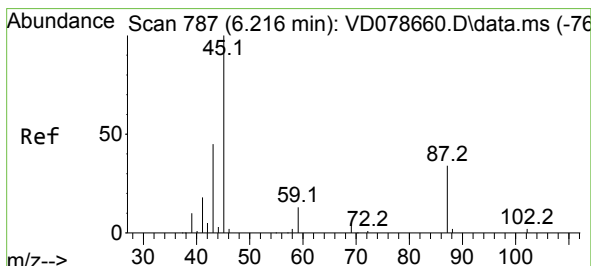
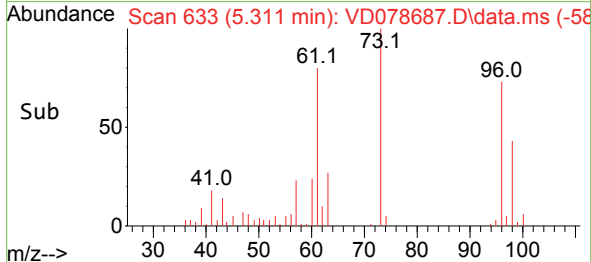
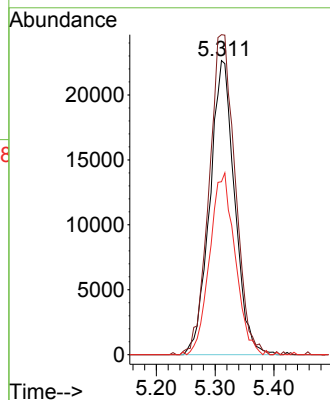
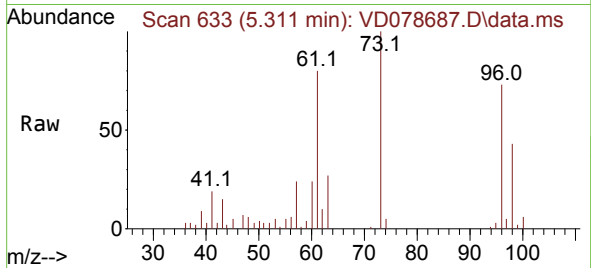




#21
trans-1,2-Dichloroethene
Concen: 51.496 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

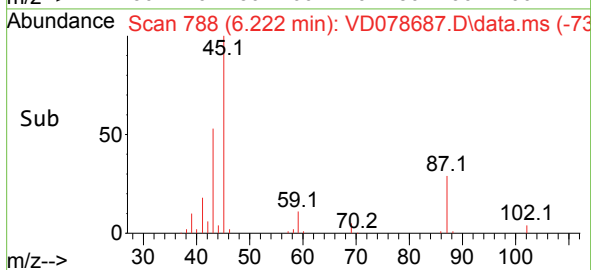
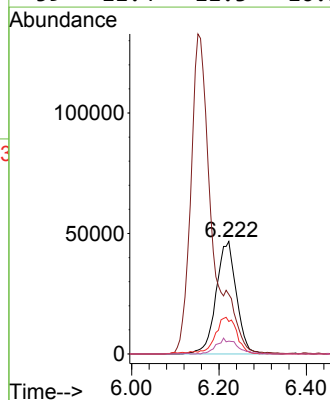
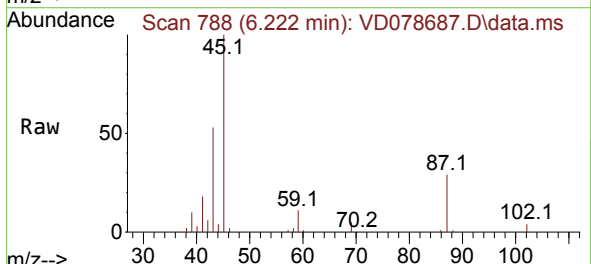
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

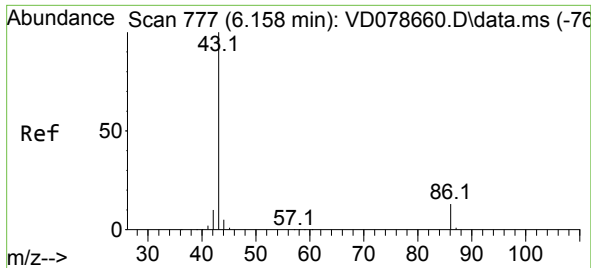
Tgt Ion: 96 Resp: 66554
Ion Ratio Lower Upper
96 100
61 108.8 96.1 144.1
98 58.8 48.9 73.3



#22
Diisopropyl ether
Concen: 54.100 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 45 Resp: 150324
Ion Ratio Lower Upper
45 100
43 52.3 44.3 66.5
87 28.9 28.3 42.5
59 11.4 11.3 16.9

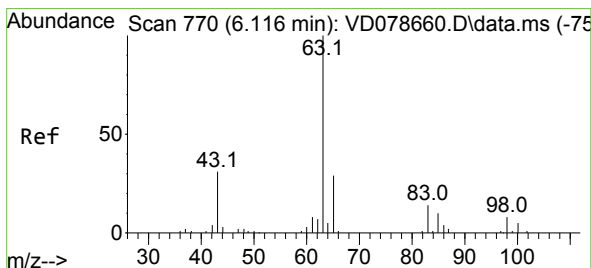
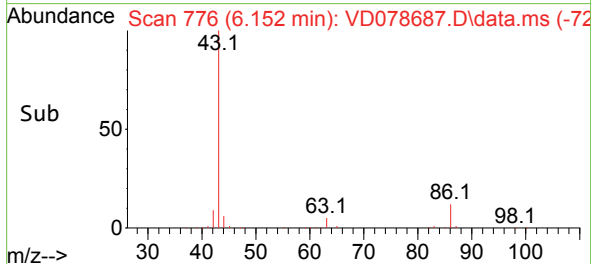
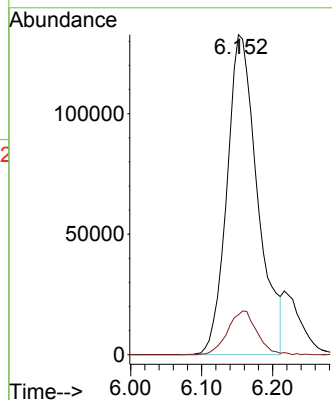
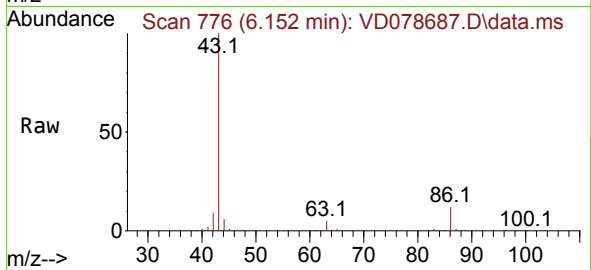




#23
 Vinyl Acetate
 Concen: 244.957 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

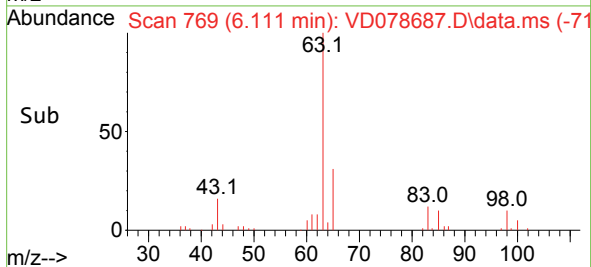
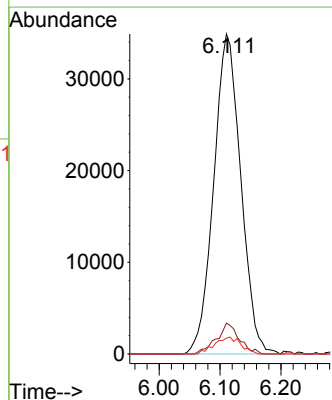
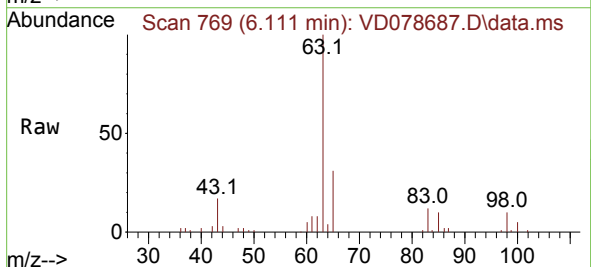
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

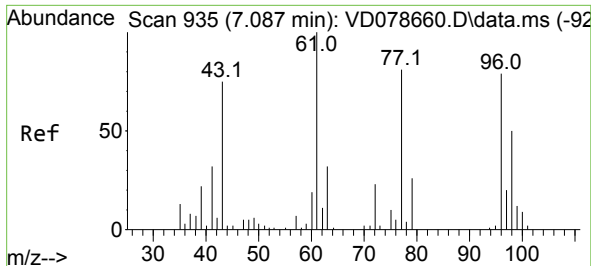
Tgt Ion: 43 Resp: 398138
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 51.705 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

Tgt Ion: 63 Resp: 107714
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.0 11.9
 100 4.9 2.7 8.1

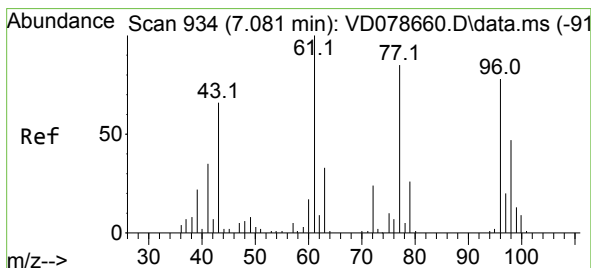
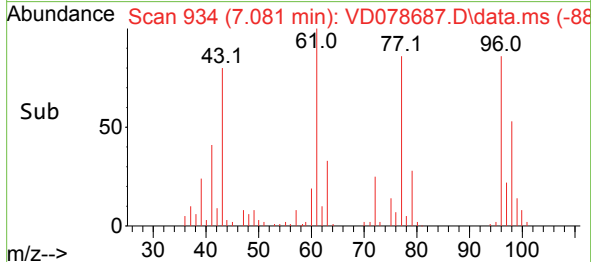
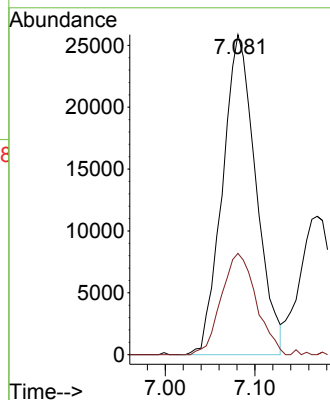
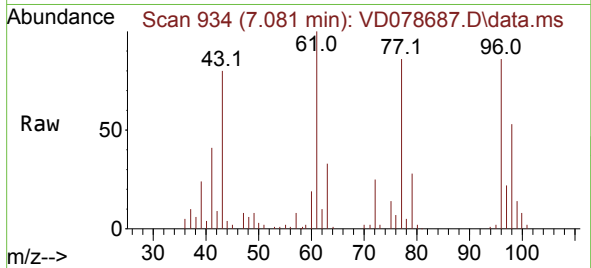




#25
2-Butanone
Concen: 259.902 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

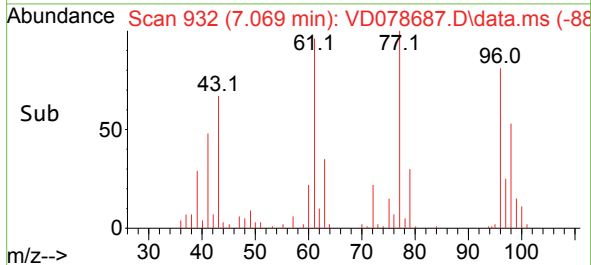
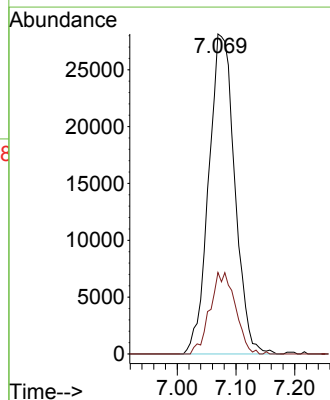
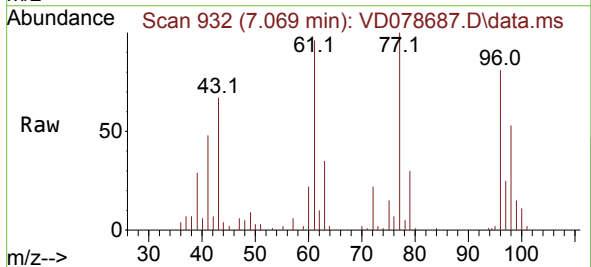
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

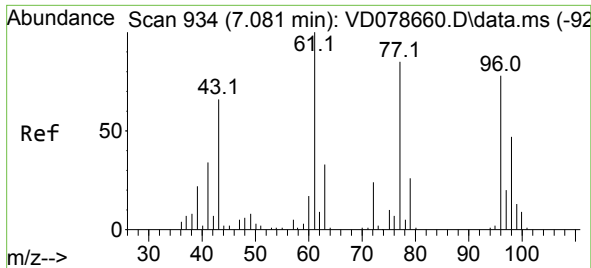
Tgt Ion: 43 Resp: 67034
Ion Ratio Lower Upper
43 100
72 31.6 25.0 37.6



#26
2,2-Dichloropropane
Concen: 49.074 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 77 Resp: 86496
Ion Ratio Lower Upper
77 100
97 24.9 12.4 37.0

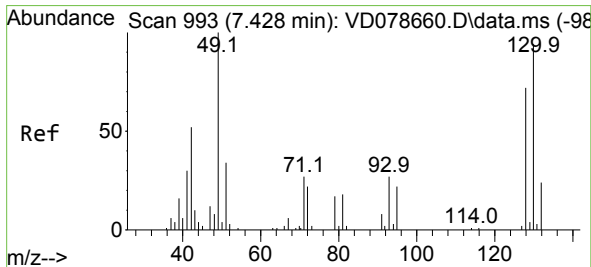
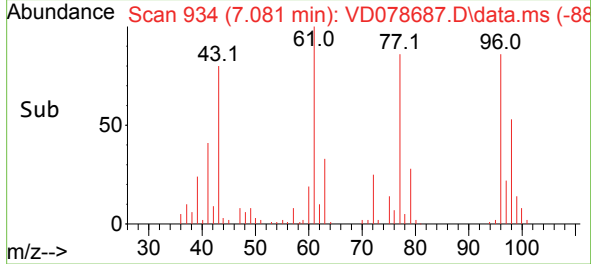
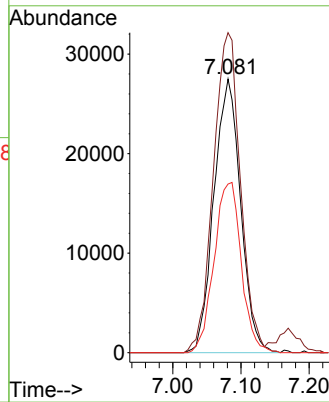
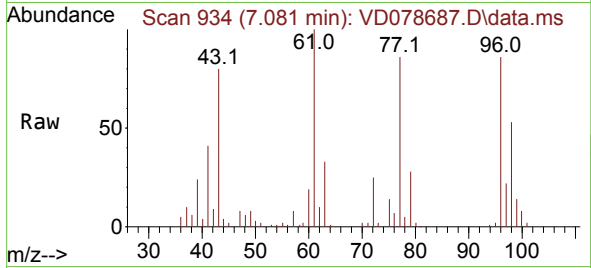




#27
 cis-1,2-Dichloroethene
 Concen: 50.832 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

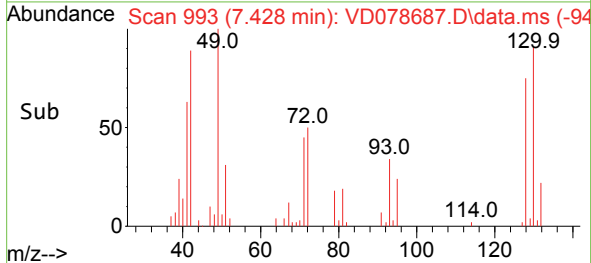
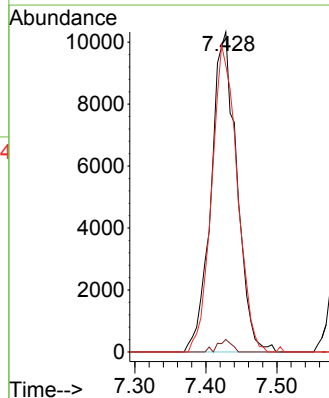
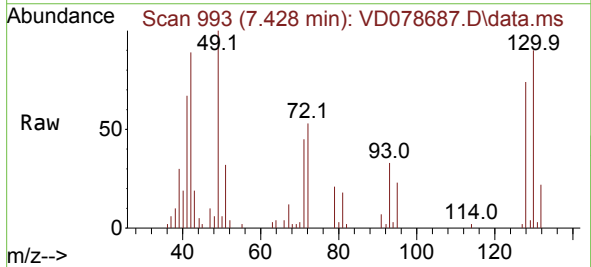
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

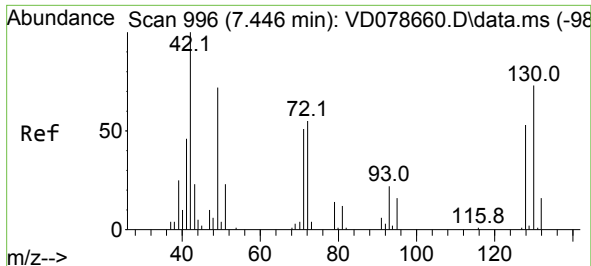
Tgt	Ion: 96	Resp:	74931
Ion	Ratio	Lower	Upper
96	100		
61	118.6	0.0	245.0
98	63.4	0.0	126.6



#28
 Bromochloromethane
 Concen: 34.890 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

Tgt Ion: 49	Resp: 25913
Ion Ratio	Lower Upper
49 100	
129 2.1	0.0 6.2
130 95.2	77.1 115.7





#29

Tetrahydrofuran

Concen: 295.258 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

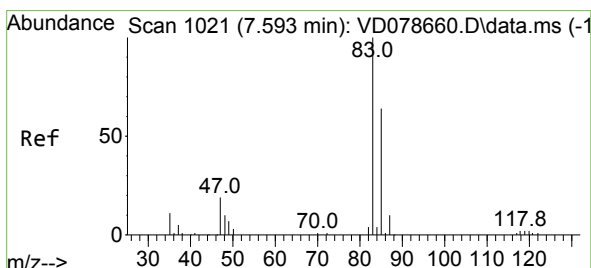
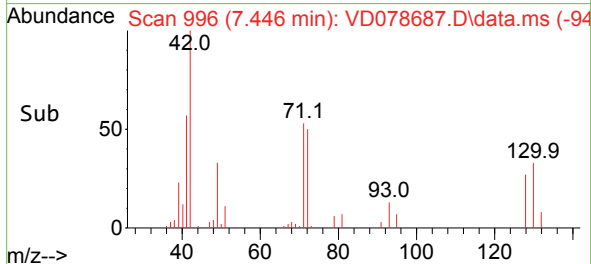
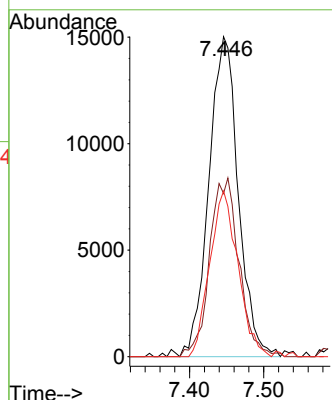
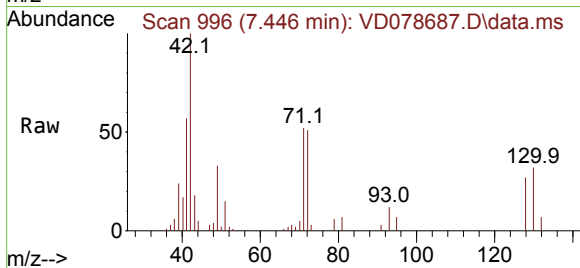
Tgt Ion: 42 Resp: 41420

Ion Ratio Lower Upper

42 100

72 55.9 43.8 65.6

71 49.7 42.0 63.0



#30

Chloroform

Concen: 51.250 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD078687.D

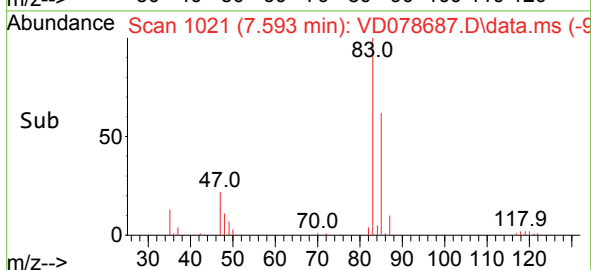
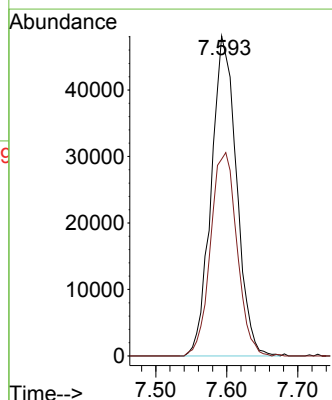
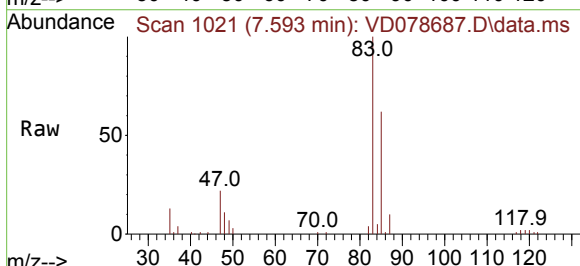
Acq: 15 Mar 2024 17:09

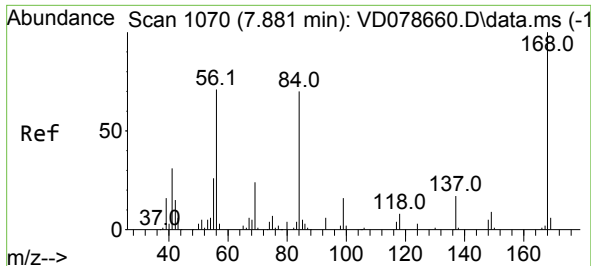
Tgt Ion: 83 Resp: 119041

Ion Ratio Lower Upper

83 100

85 61.5 51.2 76.8

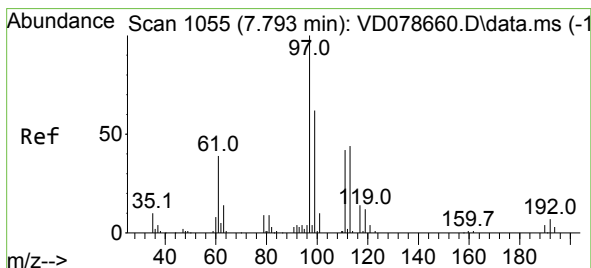
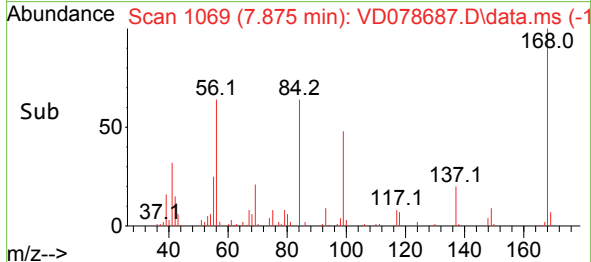
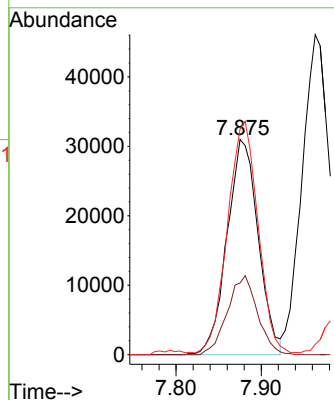
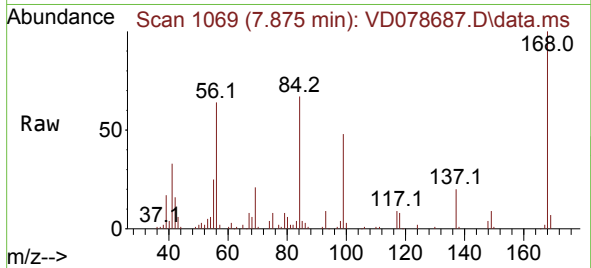




#31
Cyclohexane
Concen: 46.748 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

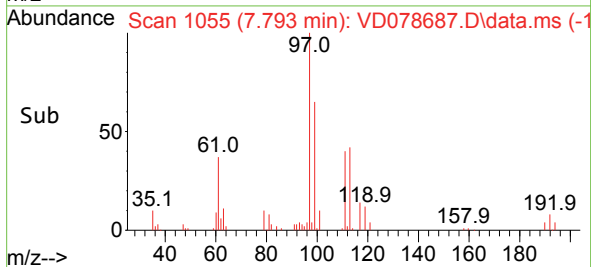
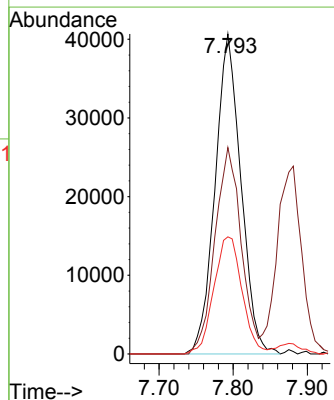
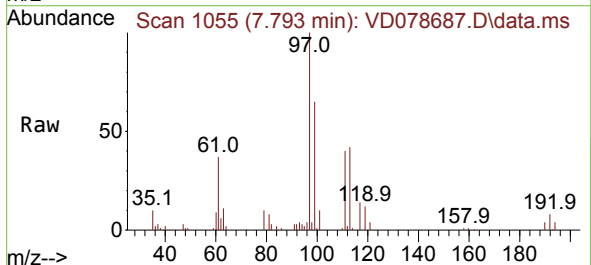
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

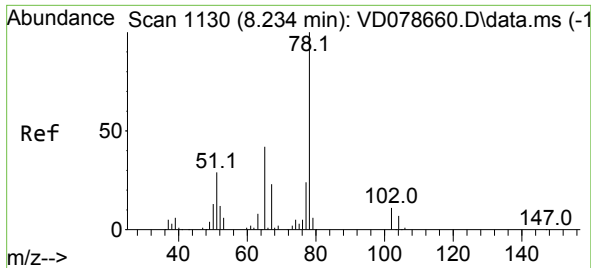
Tgt Ion: 56 Resp: 78828
Ion Ratio Lower Upper
56 100
69 33.3 26.6 40.0
84 103.1 79.4 119.2



#32
1,1,1-Trichloroethane
Concen: 49.956 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 97 Resp: 98451
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 40.0 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 49.051 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

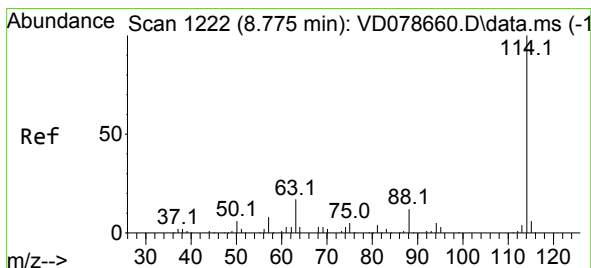
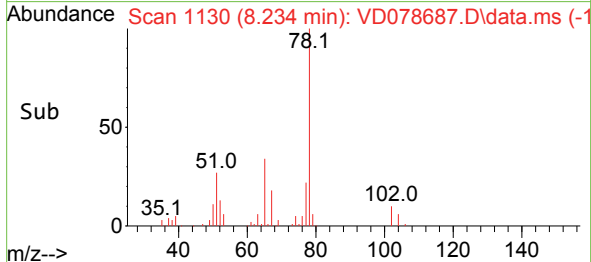
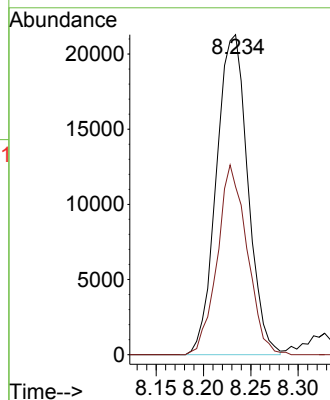
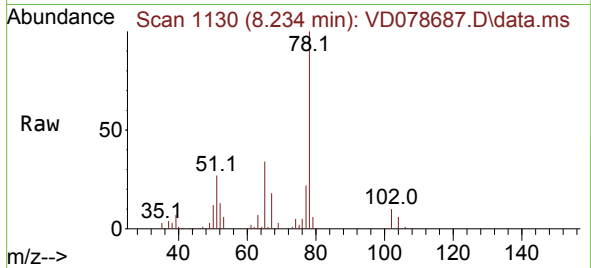
VSTDCCC050EC

Tgt Ion: 65 Resp: 49209

Ion Ratio Lower Upper

65 100

67 56.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

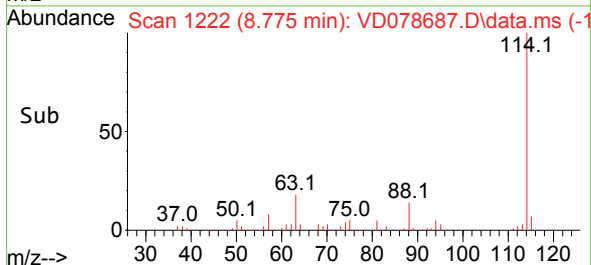
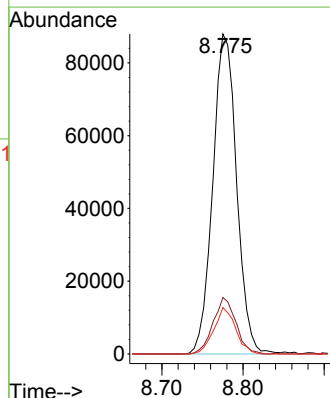
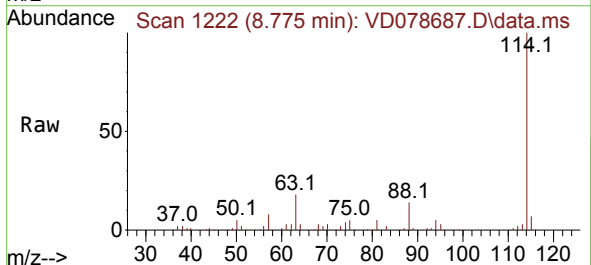
Tgt Ion: 114 Resp: 179448

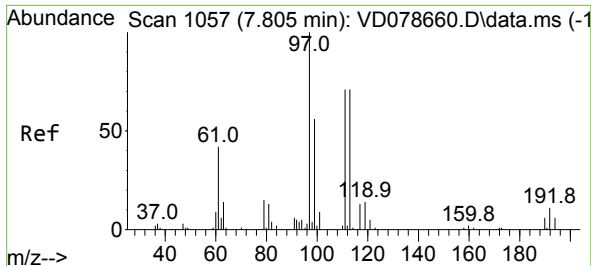
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.5 0.0 24.6

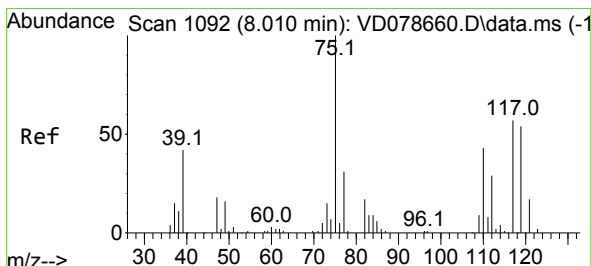
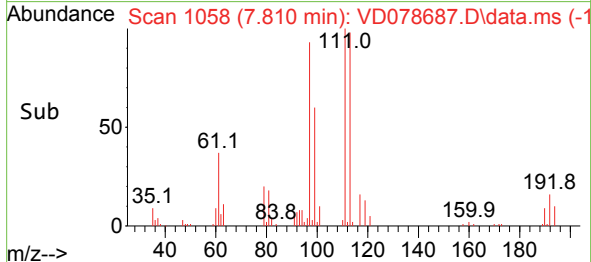
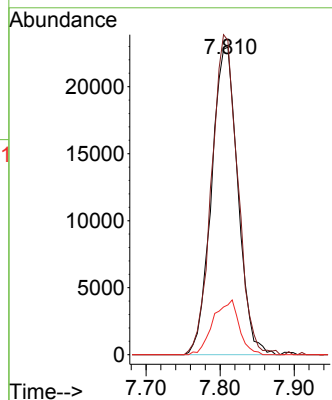
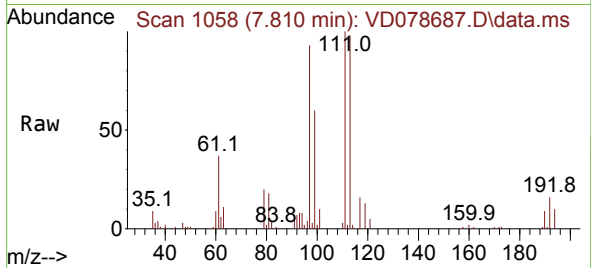




#35
Dibromofluoromethane
Concen: 49.057 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

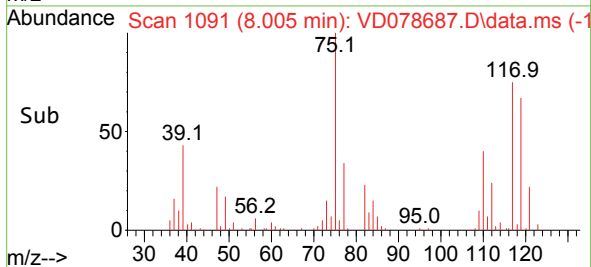
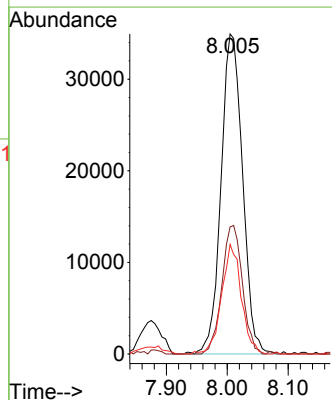
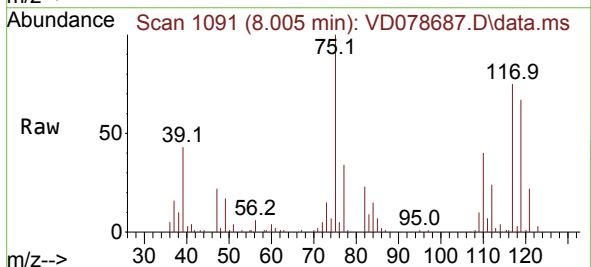
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

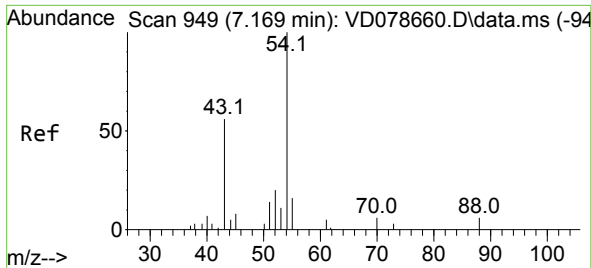
Tgt Ion:113 Resp: 56679
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 17.5 15.4 23.0



#36
1,1-Dichloropropene
Concen: 51.267 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 75 Resp: 85943
Ion Ratio Lower Upper
75 100
110 38.1 19.1 57.1
77 31.3 25.4 38.2

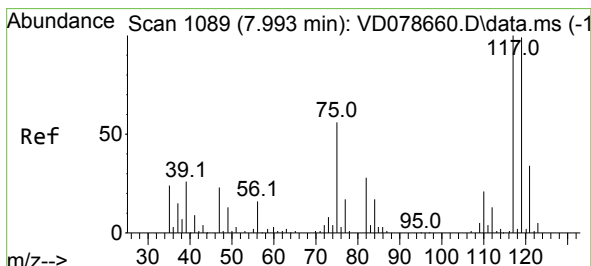
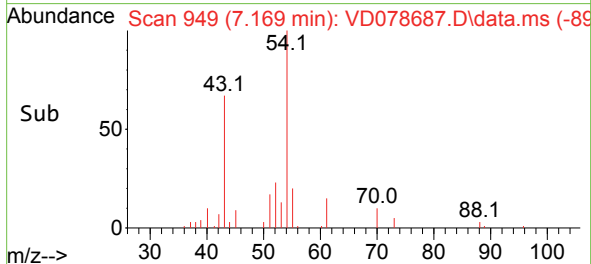
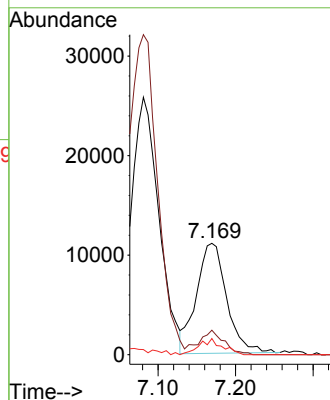
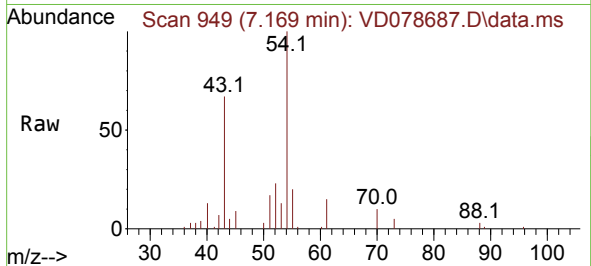




#37
Ethyl Acetate
Concen: 54.646 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

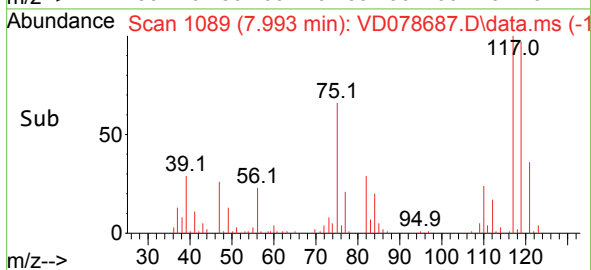
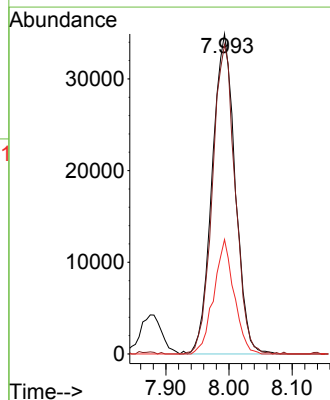
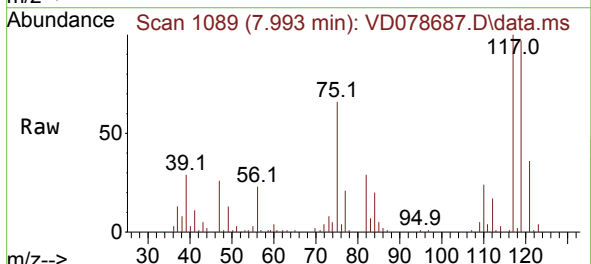
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

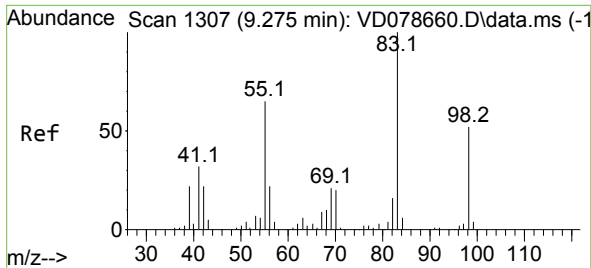
Tgt Ion:	43	Resp:	29927
Ion	Ratio	Lower	Upper
43	100		
61	16.2	14.6	21.8
70	11.1	9.4	14.0



#38
Carbon Tetrachloride
Concen: 50.039 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:	117	Resp:	88433
Ion	Ratio	Lower	Upper
117	100		
119	96.7	79.2	118.8
121	35.7	26.8	40.2

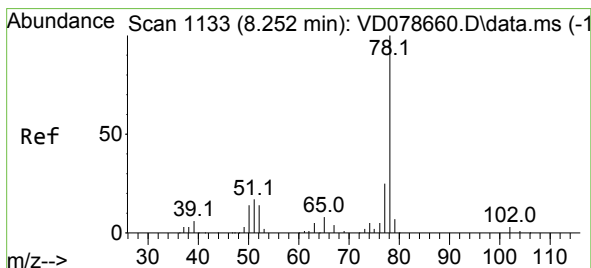
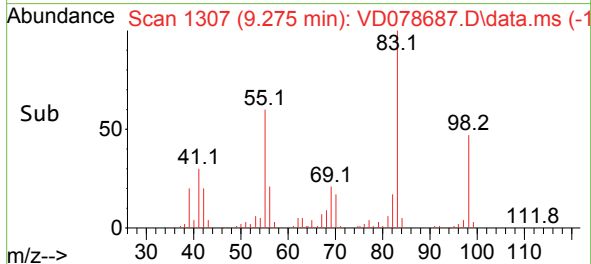
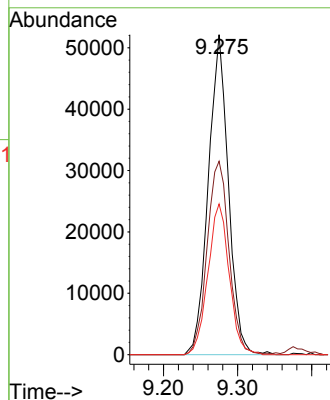
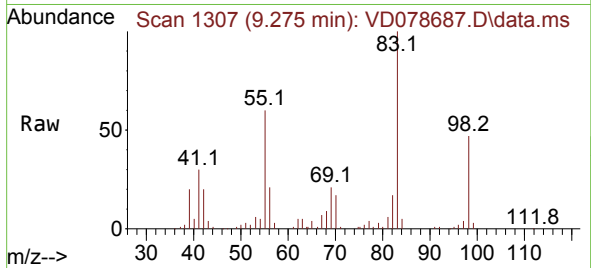




#39
Methylcyclohexane
Concen: 50.461 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

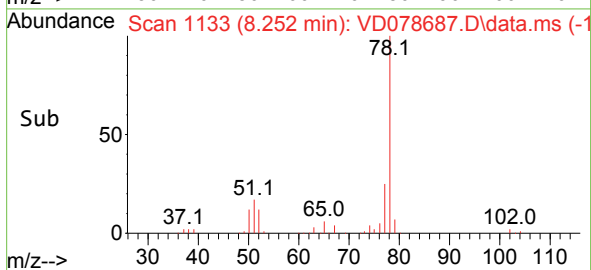
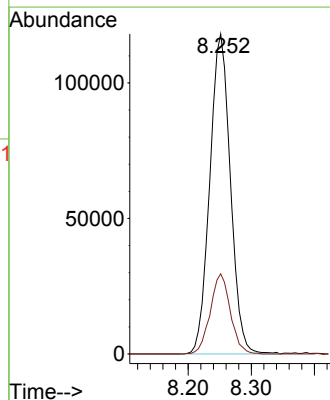
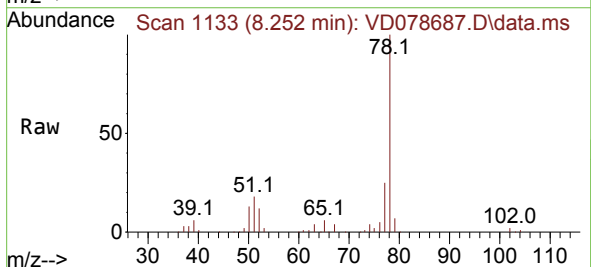
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

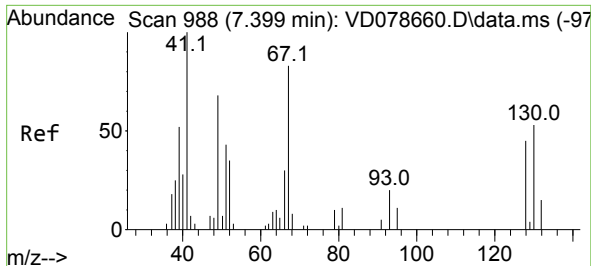
Tgt Ion: 83 Resp: 98128
Ion Ratio Lower Upper
83 100
55 60.5 51.7 77.5
98 47.1 41.4 62.0



#40
Benzene
Concen: 52.798 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 78 Resp: 267551
Ion Ratio Lower Upper
78 100
77 25.0 20.4 30.6

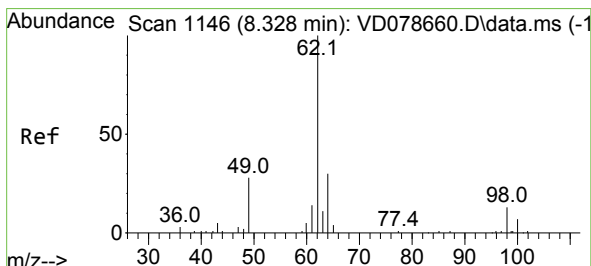
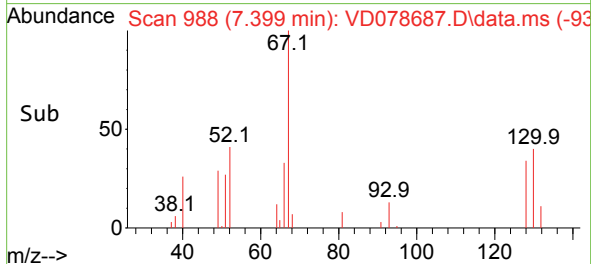
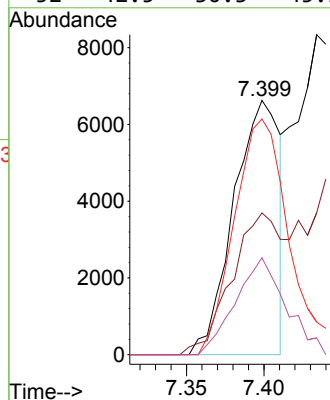
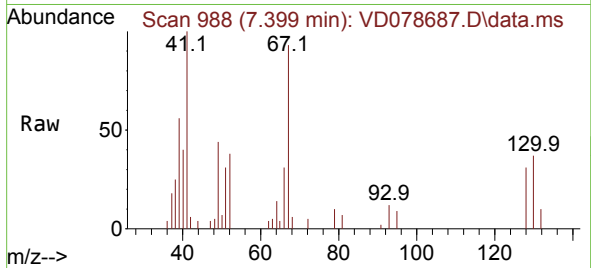




#41
Methacrylonitrile
Concen: 47.859 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

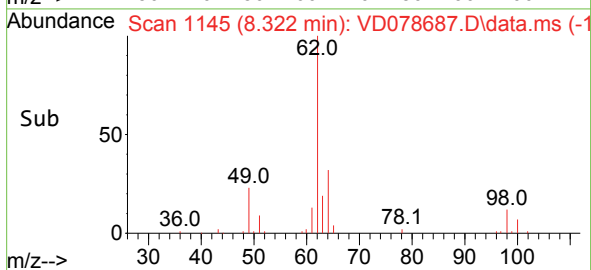
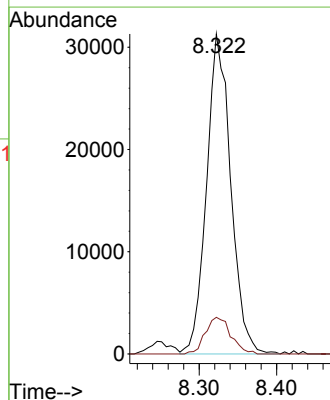
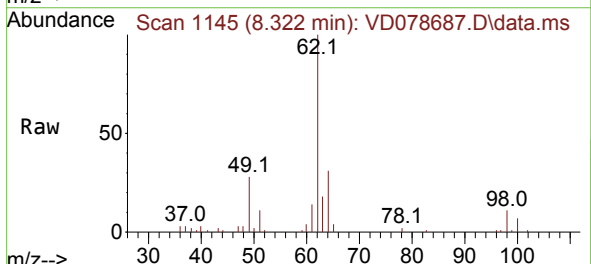
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

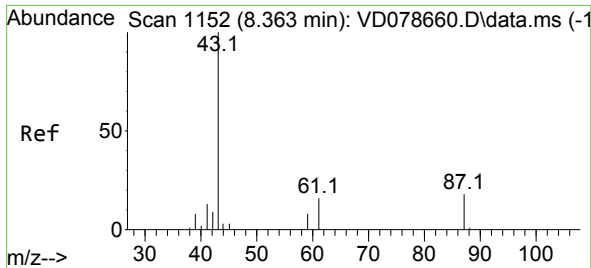
Tgt Ion:	41	Resp:	13735
Ion	Ratio	Lower	Upper
41	100		
39	65.2	39.8	59.6#
67	108.4	83.5	125.3
52	42.5	30.3	45.5



#42
1,2-Dichloroethane
Concen: 54.978 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:	62	Resp:	67941
Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	23.8

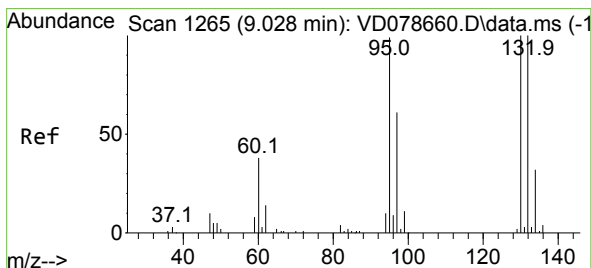
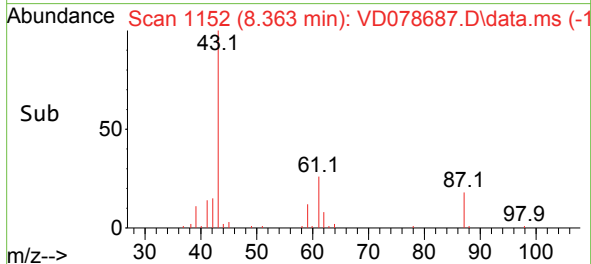
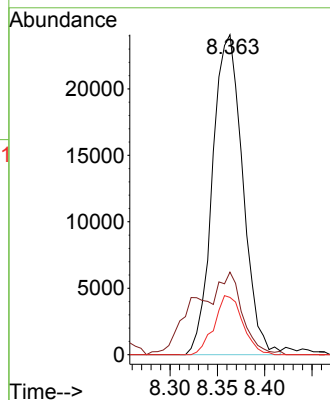
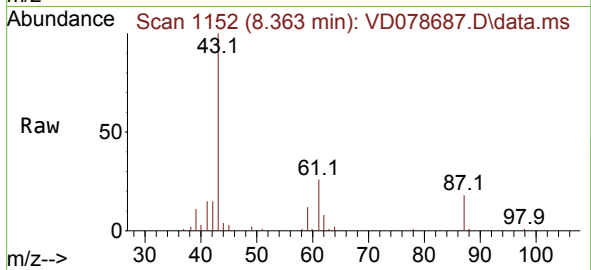




#43
Isopropyl Acetate
Concen: 53.555 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

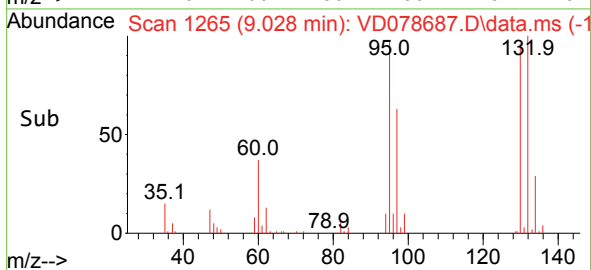
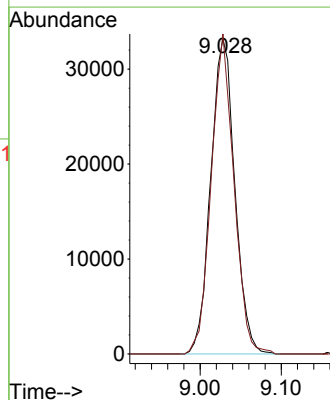
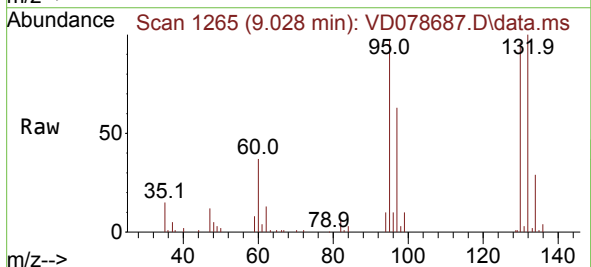
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

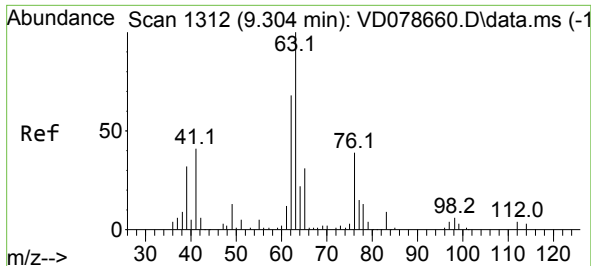
Tgt Ion: 43 Resp: 53338
Ion Ratio Lower Upper
43 100
61 20.4 30.1 45.1#
87 17.4 14.4 21.6



#44
Trichloroethene
Concen: 49.794 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:130 Resp: 68478
Ion Ratio Lower Upper
130 100
95 101.5 0.0 197.8





#45

1,2-Dichloropropane

Concen: 52.951 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

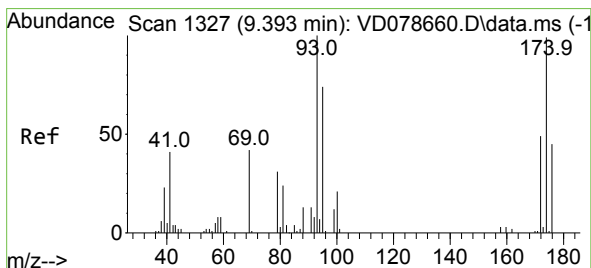
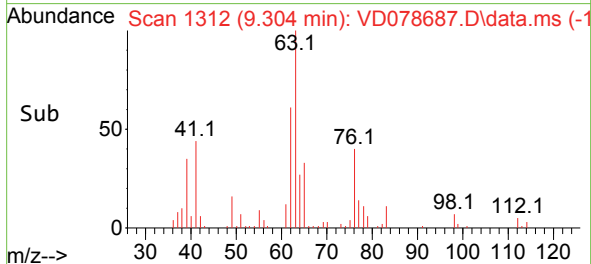
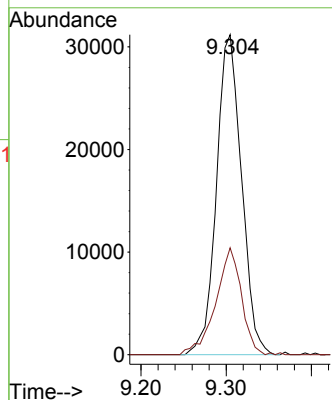
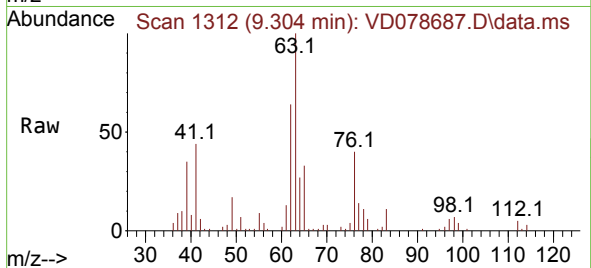
VSTDCCC050EC

Tgt Ion: 63 Resp: 63652

Ion Ratio Lower Upper

63 100

65 33.4 24.8 37.2



#46

Dibromomethane

Concen: 53.793 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

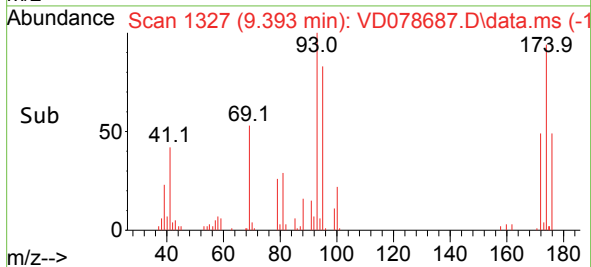
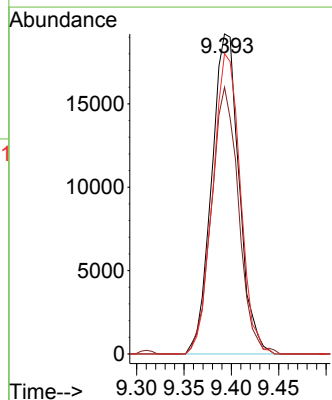
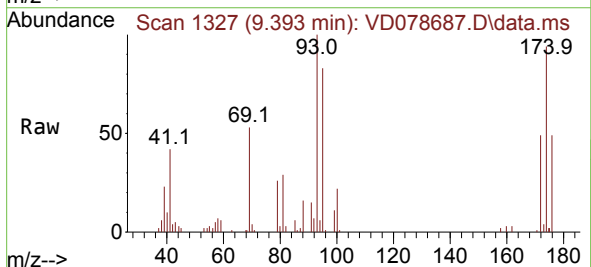
Tgt Ion: 93 Resp: 38763

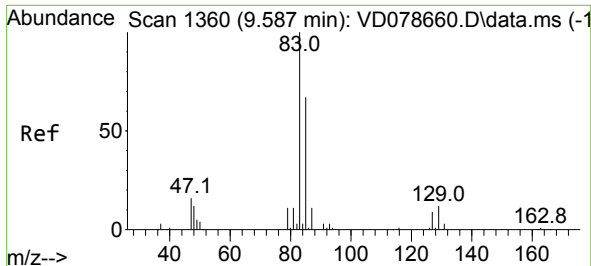
Ion Ratio Lower Upper

93 100

95 82.1 67.3 100.9

174 93.9 80.9 121.3

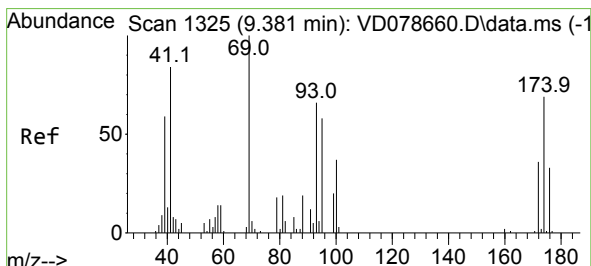
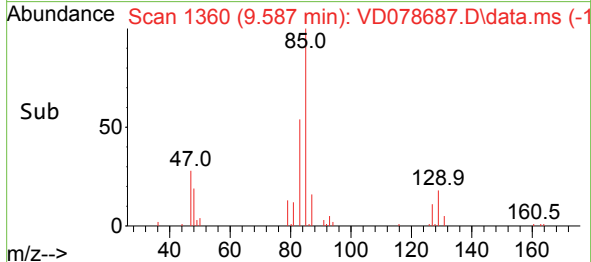
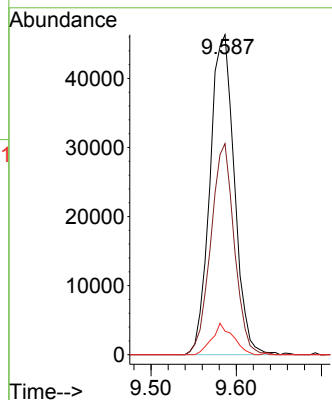
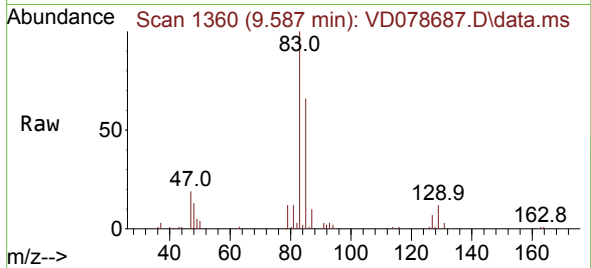




#47
Bromodichloromethane
Concen: 53.611 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

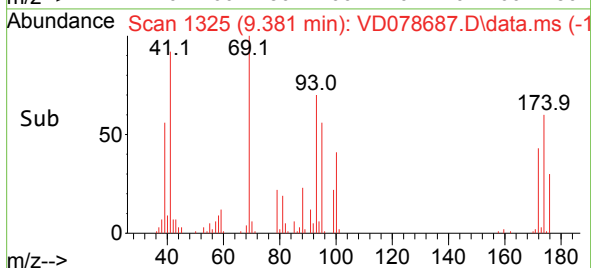
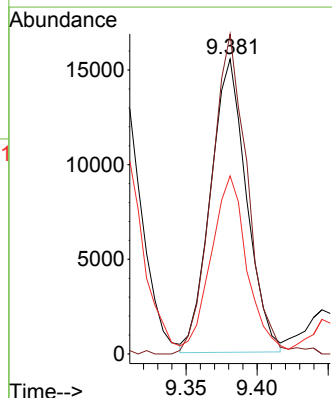
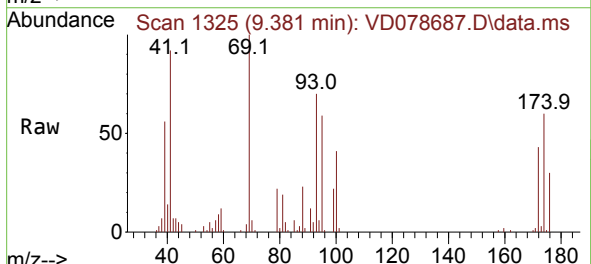
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

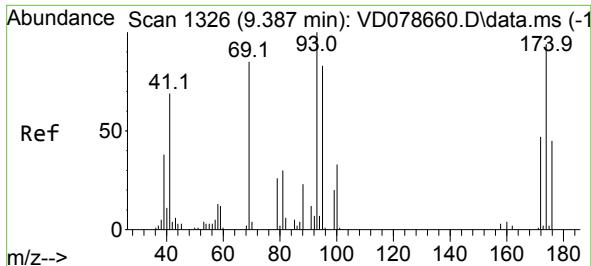
Tgt Ion: 83 Resp: 91966
Ion Ratio Lower Upper
83 100
85 66.0 54.0 81.0
127 7.3 7.1 10.7



#48
Methyl methacrylate
Concen: 56.285 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 41 Resp: 27314
Ion Ratio Lower Upper
41 100
69 107.7 88.3 132.5
39 61.2 46.6 69.8





#49

1,4-Dioxane

Concen: 1180.011 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

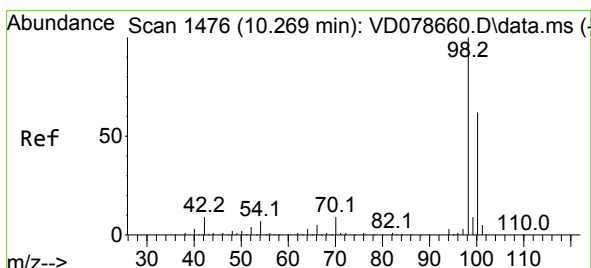
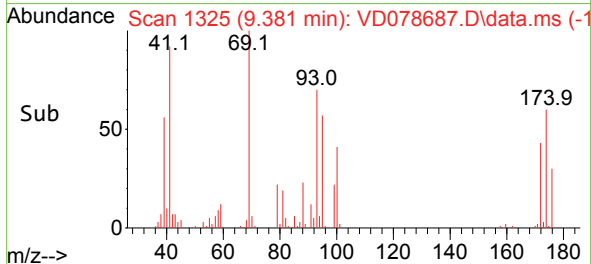
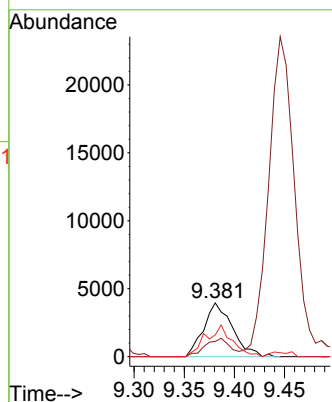
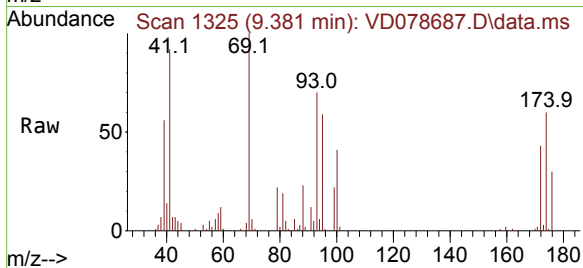
Tgt Ion: 88 Resp: 7873

Ion Ratio Lower Upper

88 100

43 29.9 23.2 34.8

58 53.5 51.0 76.6



#50

Toluene-d8

Concen: 49.539 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078687.D

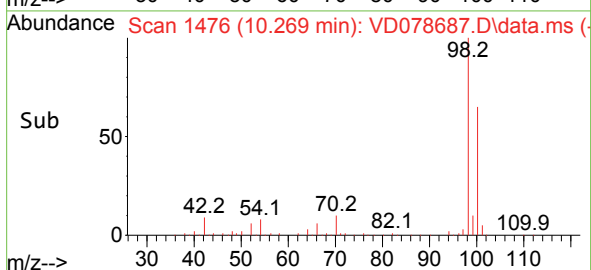
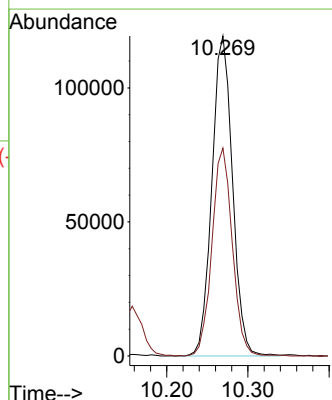
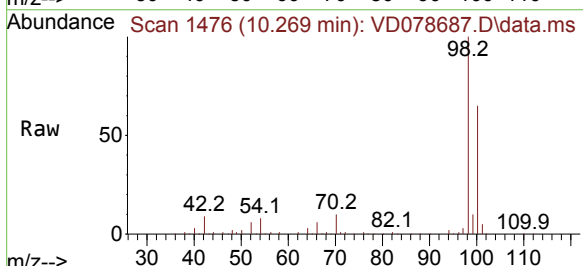
Acq: 15 Mar 2024 17:09

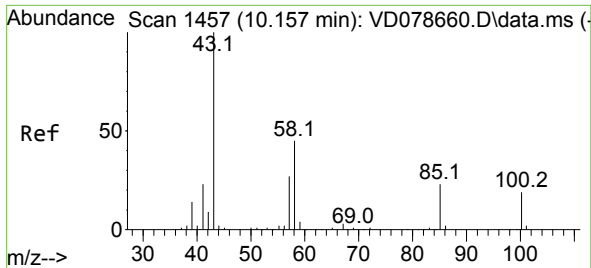
Tgt Ion: 98 Resp: 210497

Ion Ratio Lower Upper

98 100

100 64.3 50.5 75.7

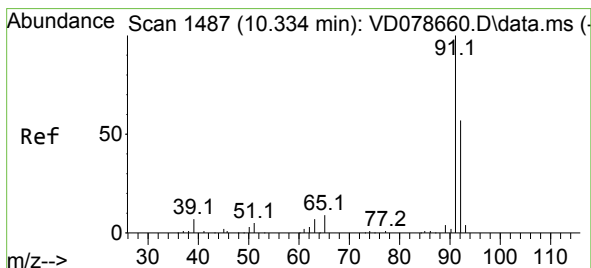
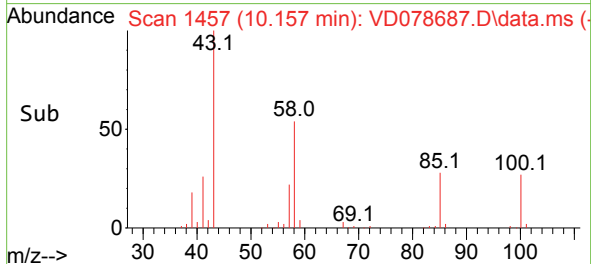
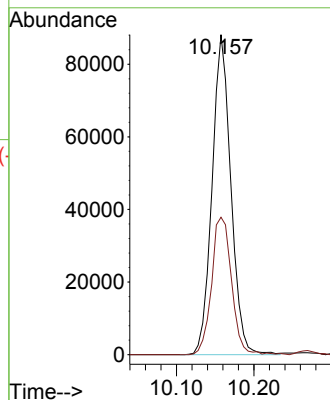
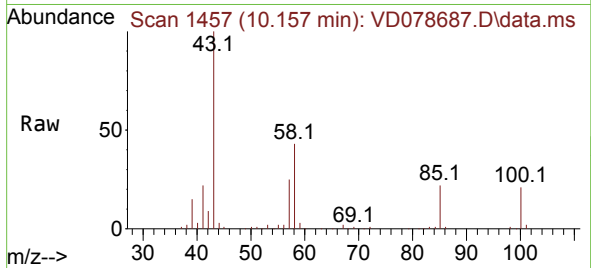




#51
4-Methyl-2-Pentanone
Concen: 285.762 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

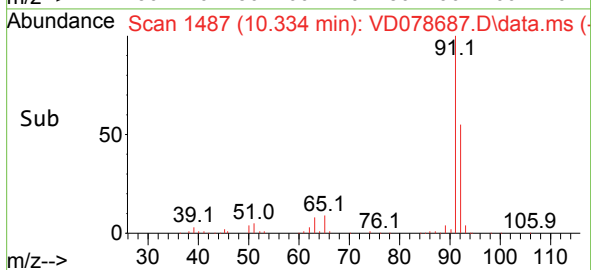
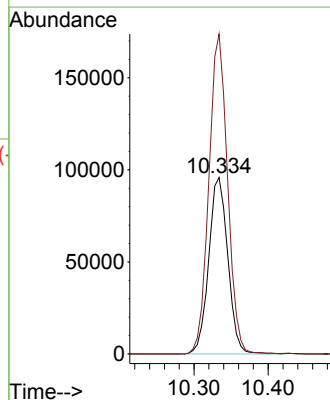
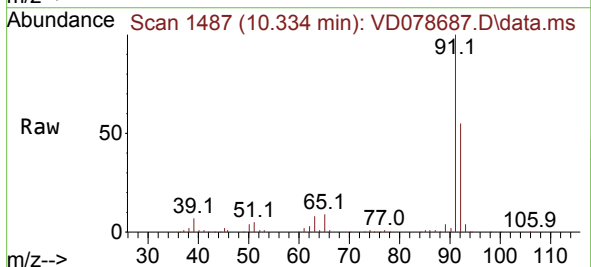
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

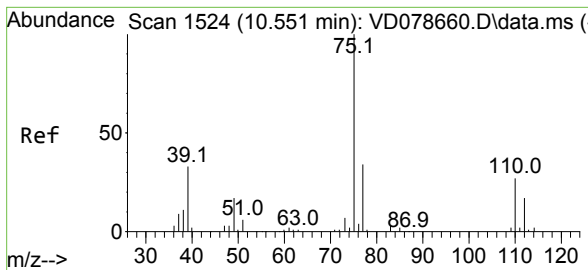
Tgt Ion: 43 Resp: 148790
Ion Ratio Lower Upper
43 100
58 45.7 36.4 54.6



#52
Toluene
Concen: 52.630 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 92 Resp: 171705
Ion Ratio Lower Upper
92 100
91 177.4 136.6 205.0

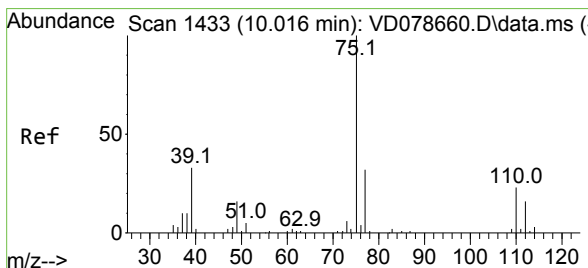
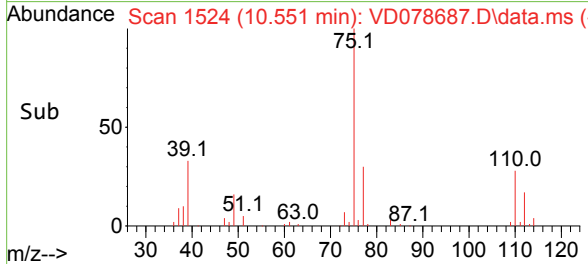
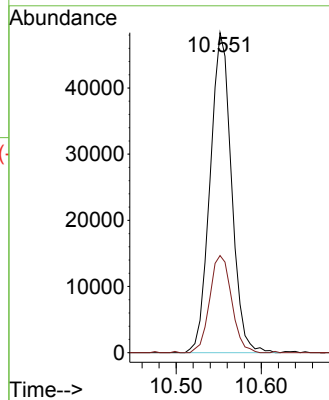
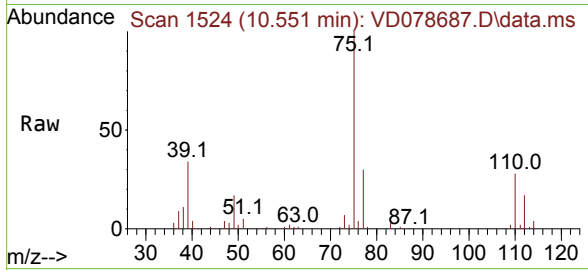




#53
t-1,3-Dichloropropene
Concen: 53.813 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

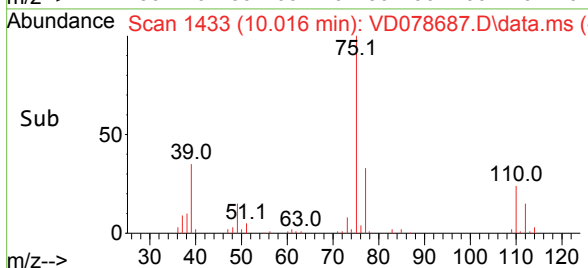
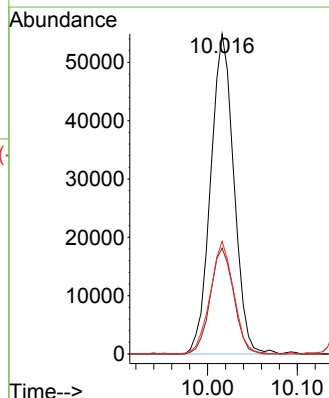
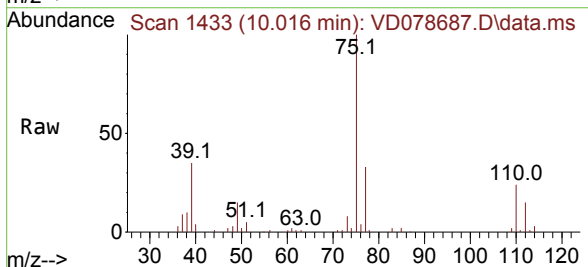
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

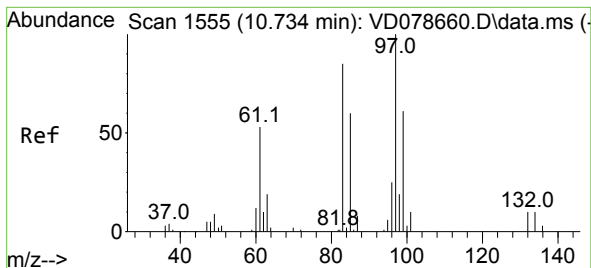
Tgt Ion: 75 Resp: 84403
Ion Ratio Lower Upper
75 100
77 30.3 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 52.277 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 75 Resp: 98568
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 35.2 26.7 40.1





#55

1,1,2-Trichloroethane

Concen: 53.671 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 51791

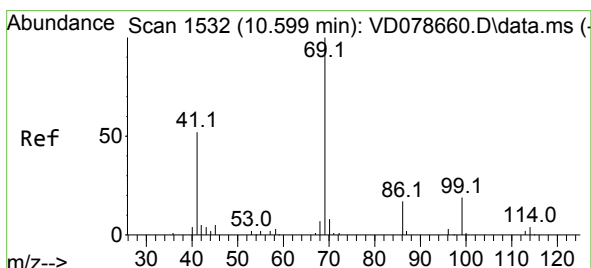
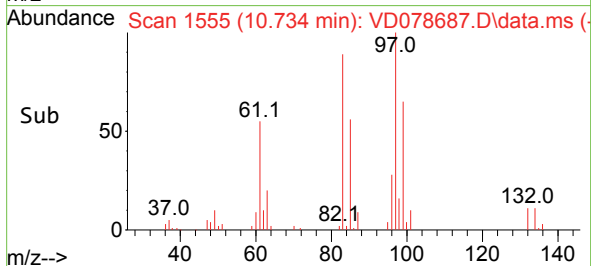
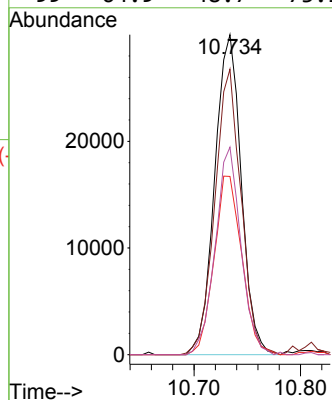
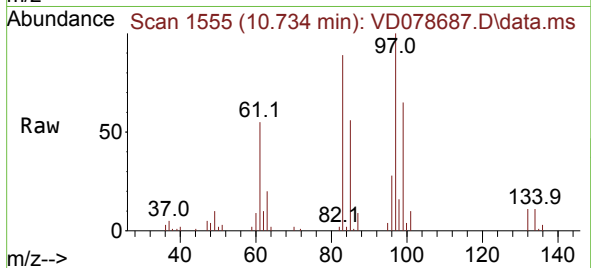
Ion Ratio Lower Upper

97 100

83 89.2 68.1 102.1

85 55.7 48.2 72.2

99 64.9 48.7 73.1



#56

Ethyl methacrylate

Concen: 54.881 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

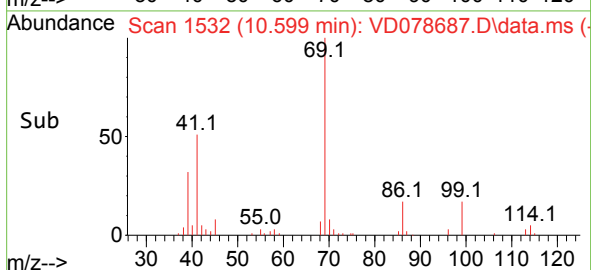
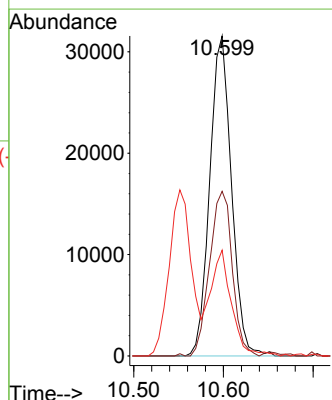
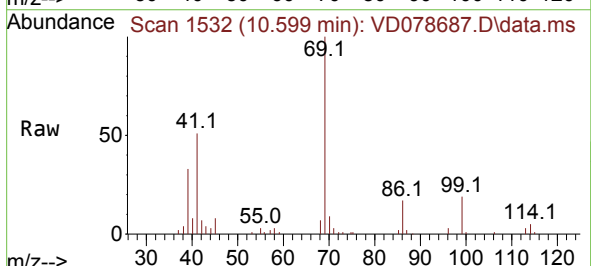
Tgt Ion: 69 Resp: 53090

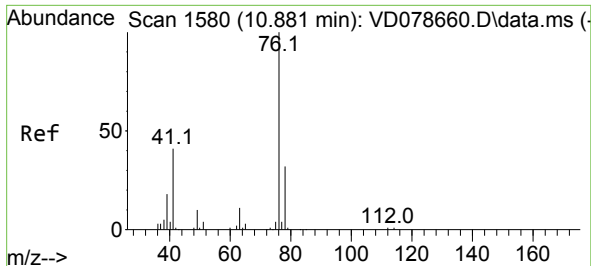
Ion Ratio Lower Upper

69 100

41 53.8 40.9 61.3

39 32.4 25.5 38.3





#57

1,3-Dichloropropane

Concen: 53.602 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

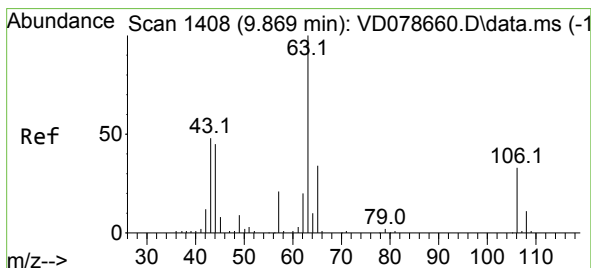
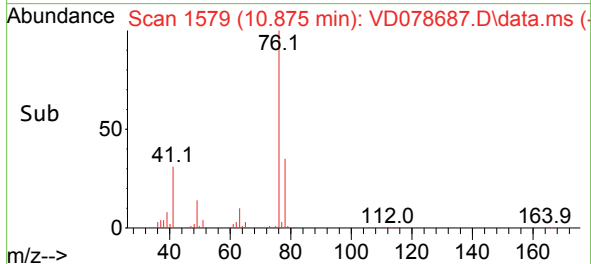
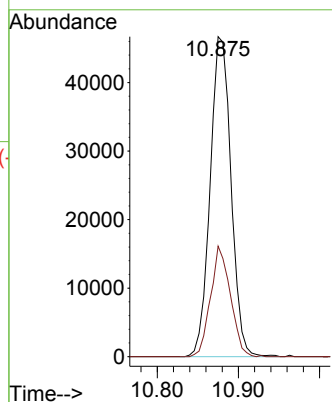
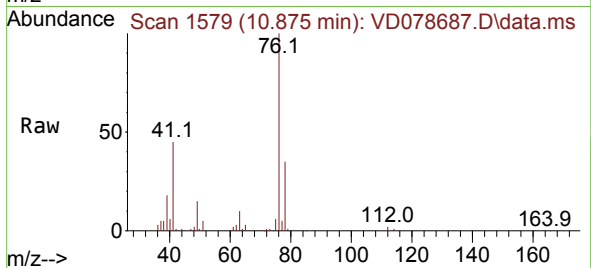
VSTDCCC050EC

Tgt Ion: 76 Resp: 83461

Ion Ratio Lower Upper

76 100

78 32.8 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 274.576 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078687.D

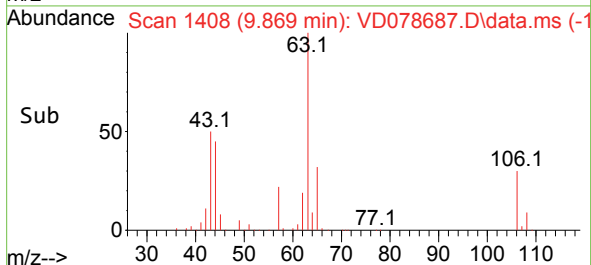
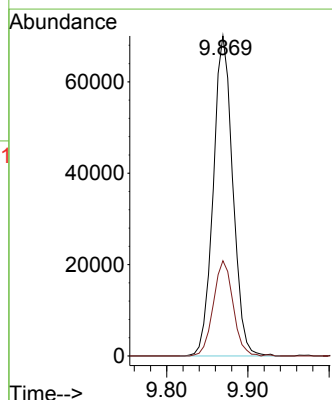
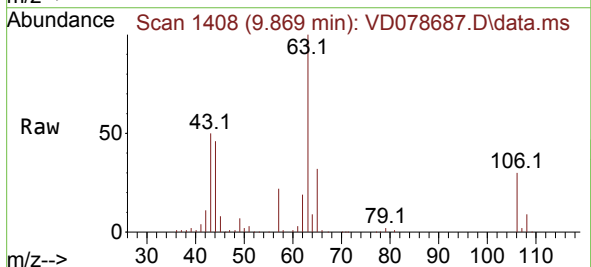
Acq: 15 Mar 2024 17:09

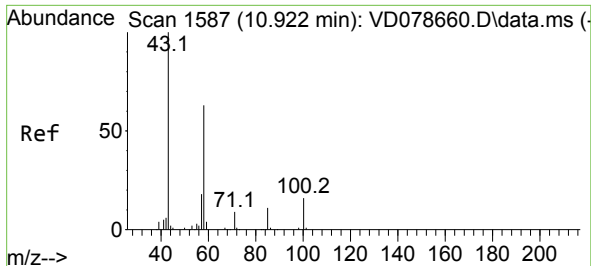
Tgt Ion: 63 Resp: 117120

Ion Ratio Lower Upper

63 100

106 30.0 25.2 37.8

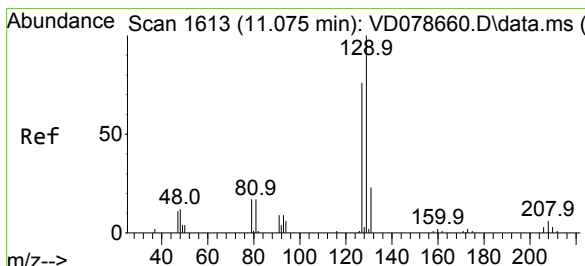
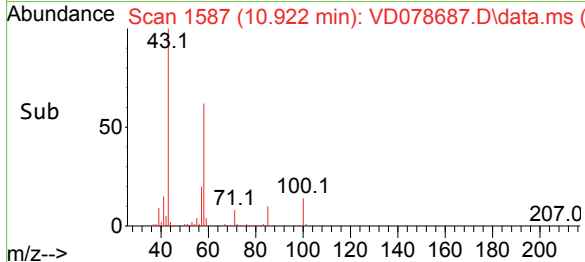
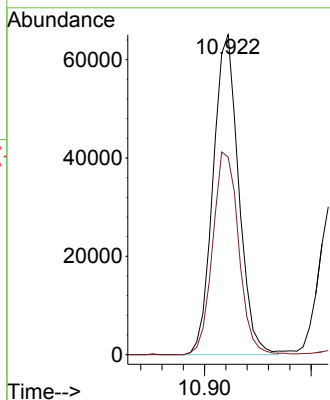
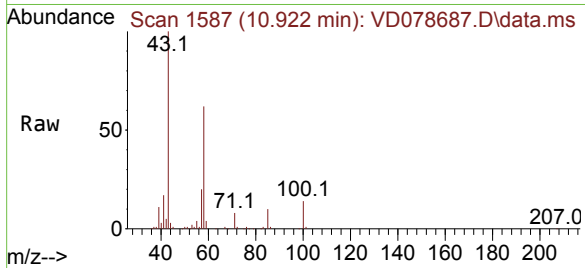




#59
2-Hexanone
Concen: 280.551 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

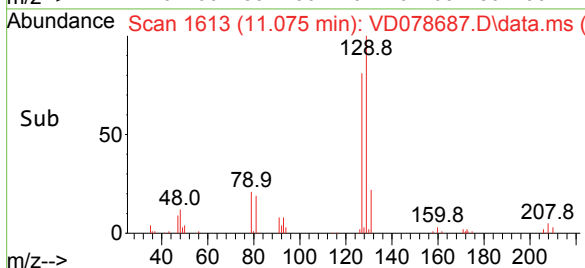
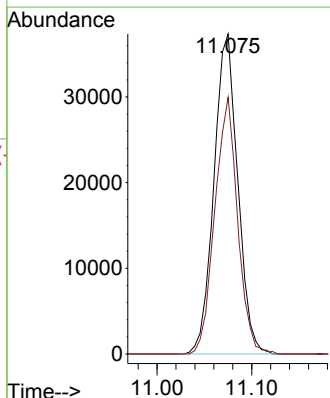
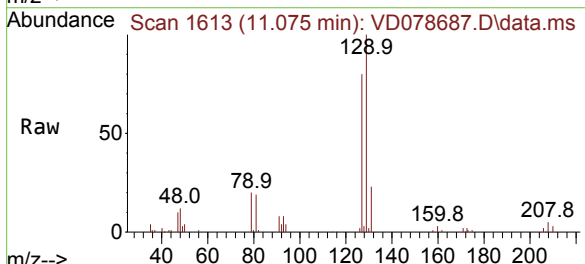
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

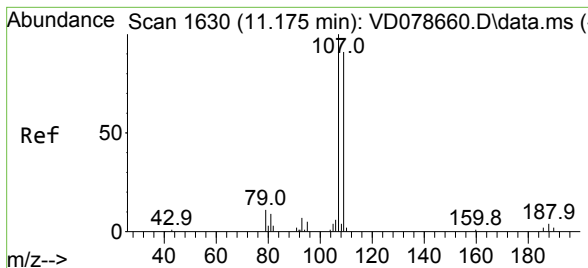
Tgt Ion: 43 Resp: 108288
Ion Ratio Lower Upper
43 100
58 64.4 31.5 94.5



#60
Dibromochloromethane
Concen: 54.826 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:129 Resp: 65244
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3

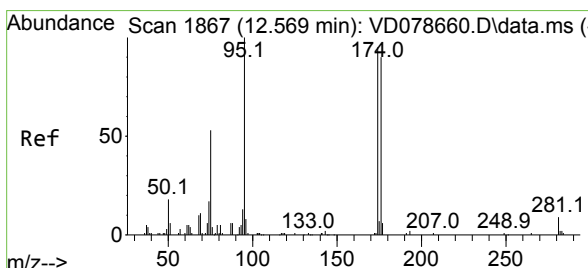
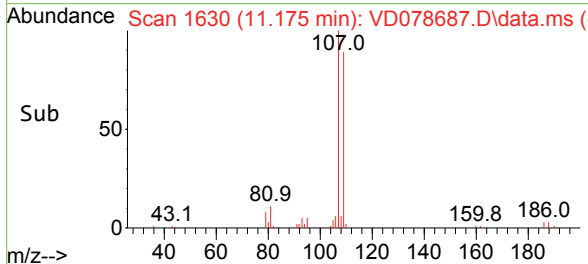
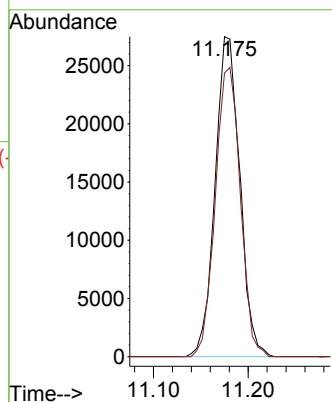
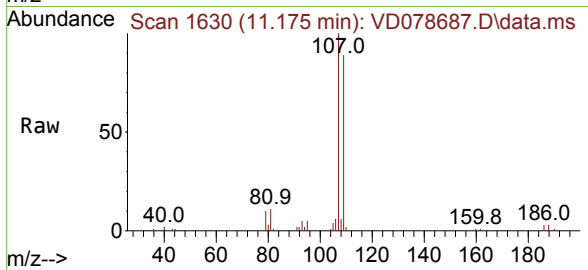




#61
1,2-Dibromoethane
Concen: 53.396 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

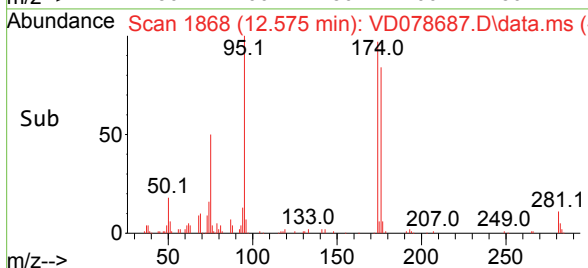
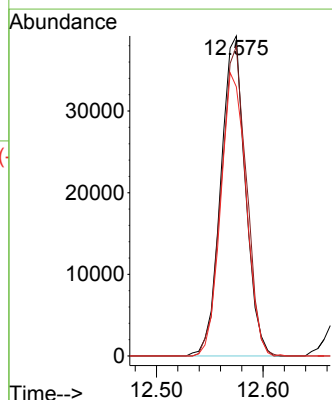
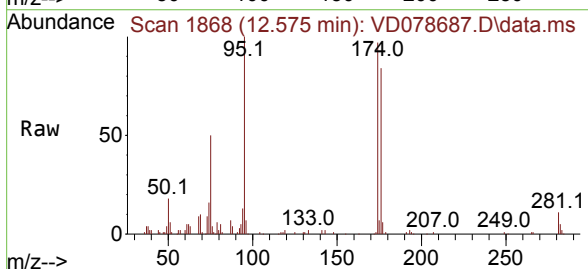
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

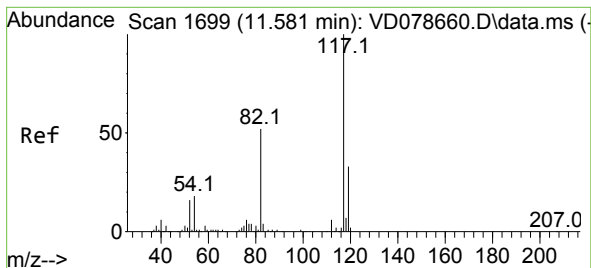
Tgt Ion:107 Resp: 49864
Ion Ratio Lower Upper
107 100
109 91.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.455 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 95 Resp: 62721
Ion Ratio Lower Upper
95 100
174 99.0 0.0 195.2
176 91.4 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

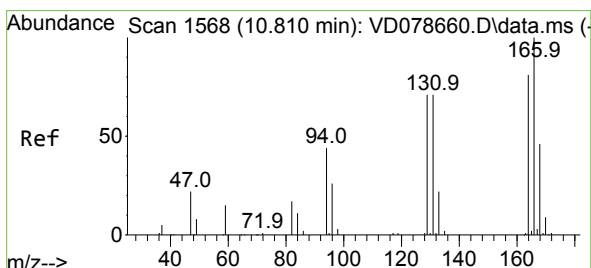
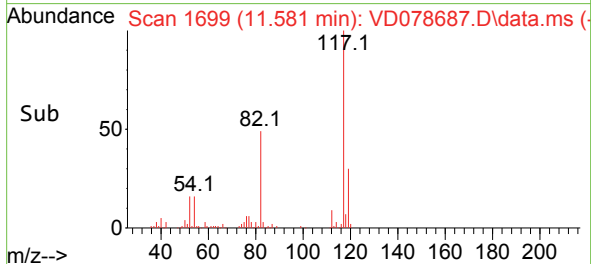
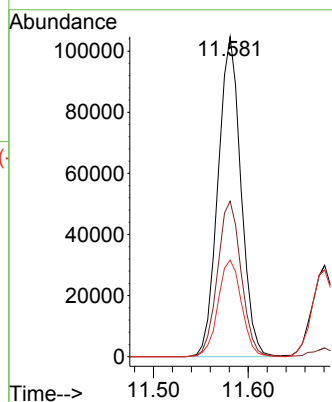
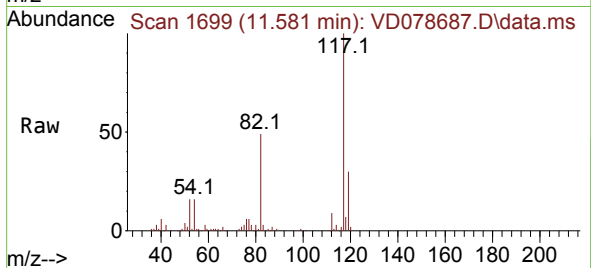
Tgt Ion:117 Resp: 176164

Ion Ratio Lower Upper

117 100

82 48.6 41.4 62.2

119 30.1 26.5 39.7



#64

Tetrachloroethene

Concen: 49.505 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Tgt Ion:164 Resp: 57712

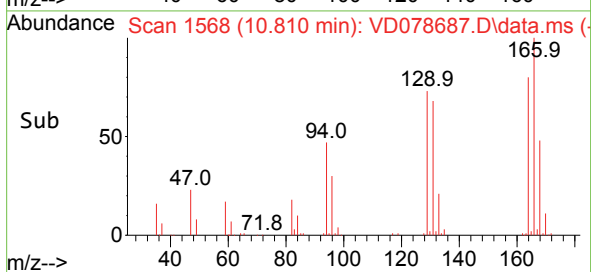
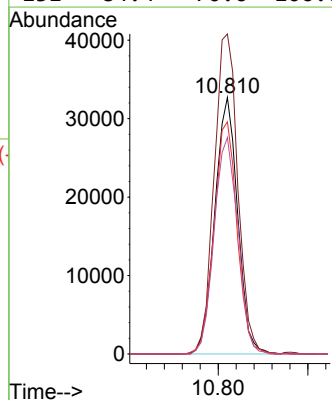
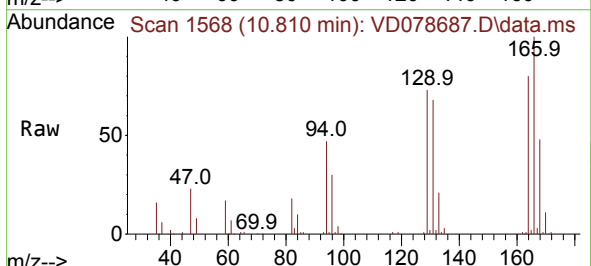
Ion Ratio Lower Upper

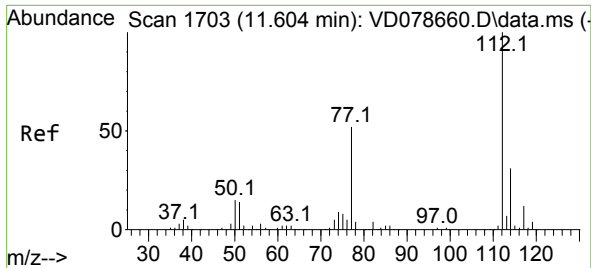
164 100

166 124.8 98.9 148.3

129 90.5 70.3 105.5

131 84.4 70.6 106.0

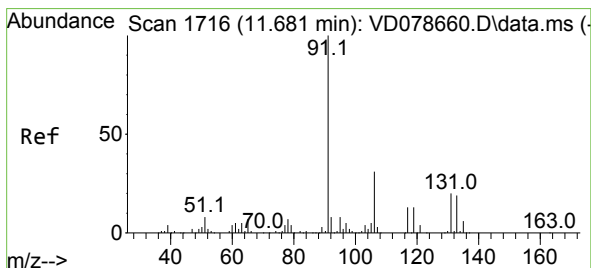
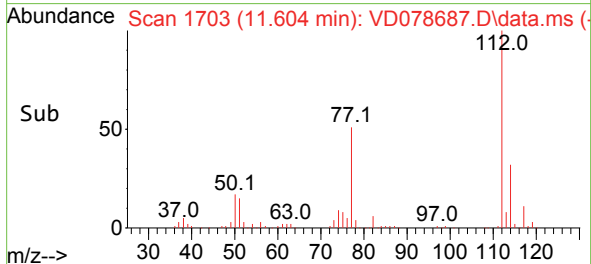
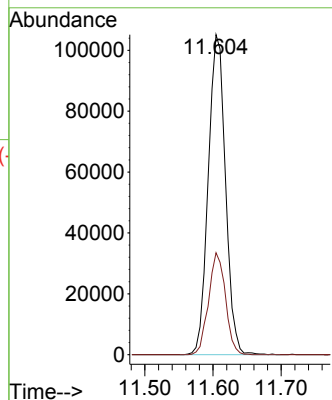
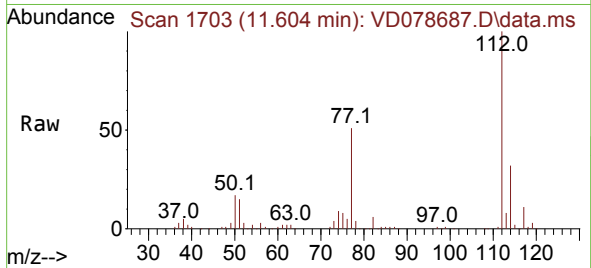




#65
Chlorobenzene
Concen: 50.202 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

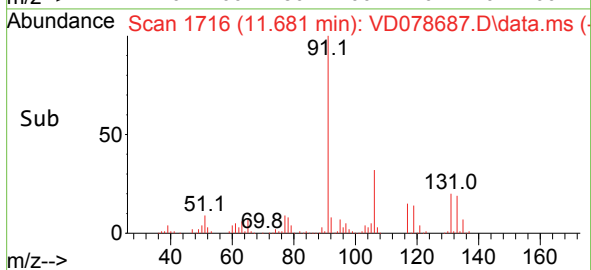
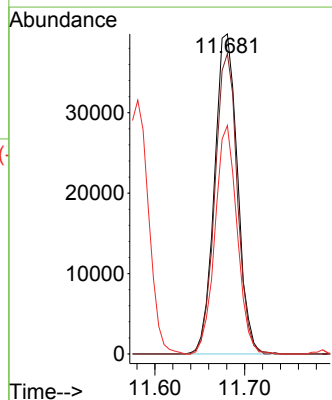
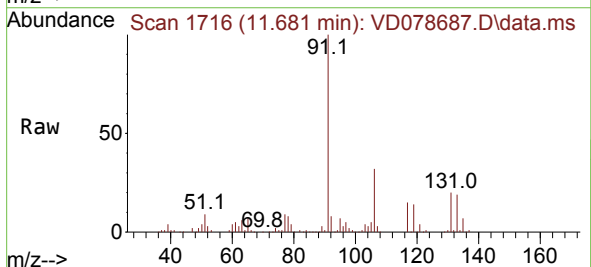
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

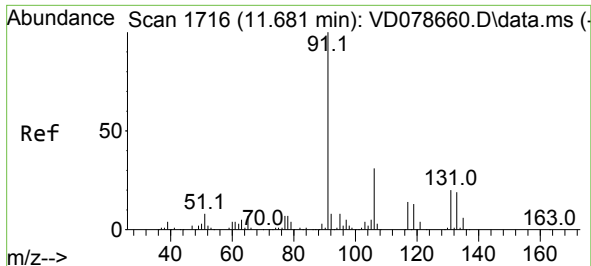
Tgt Ion:112 Resp: 184808
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.562 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:131 Resp: 70864
Ion Ratio Lower Upper
131 100
133 91.4 47.6 142.9
119 68.6 34.1 102.3

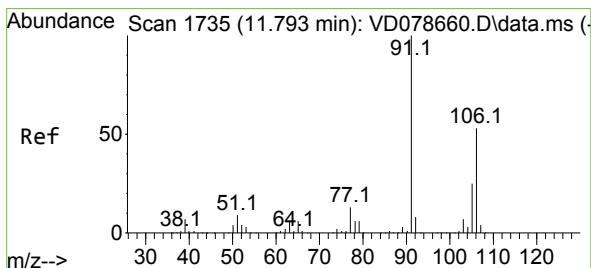
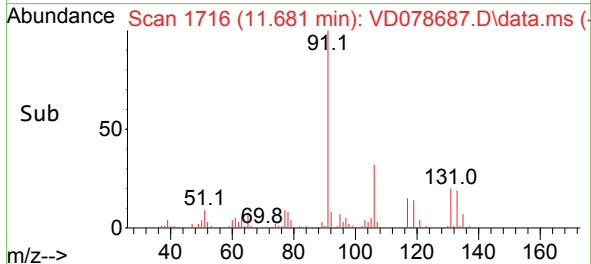
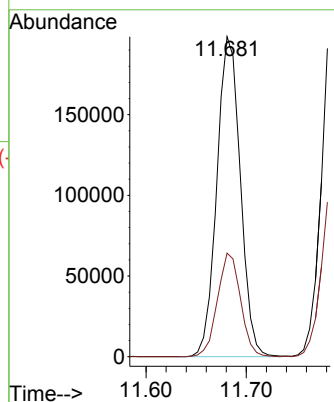
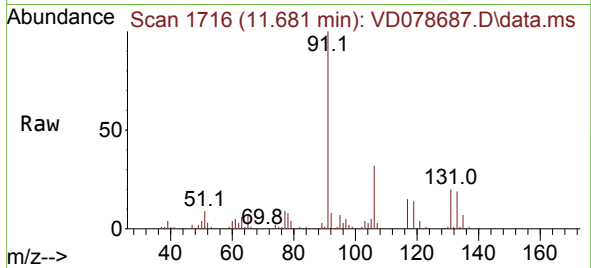




#67
Ethyl Benzene
Concen: 51.426 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

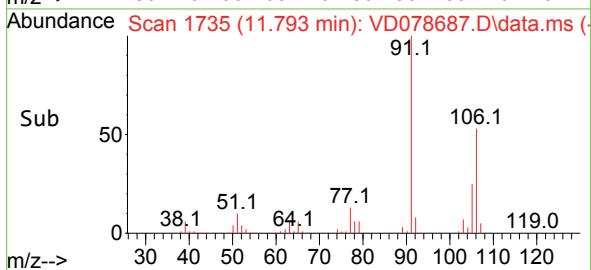
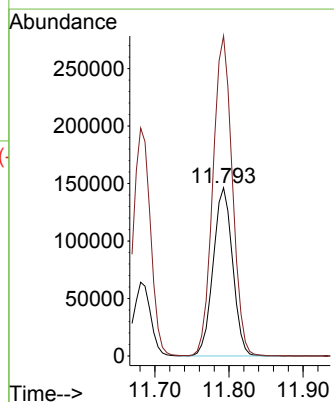
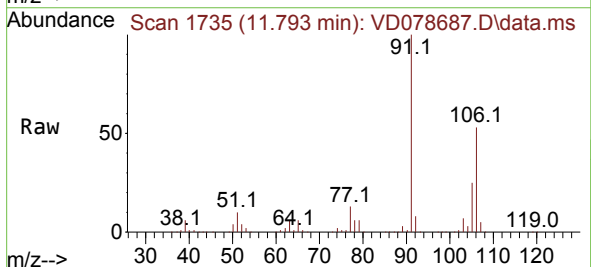
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

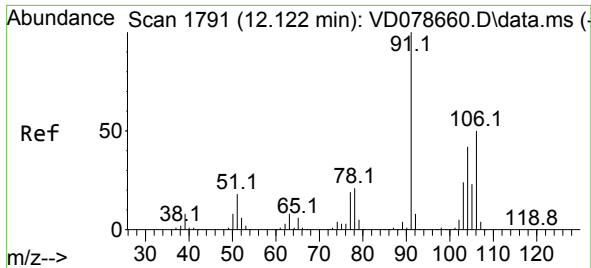
Tgt Ion: 91 Resp: 322604
Ion Ratio Lower Upper
91 100
106 32.4 24.5 36.7



#68
m/p-Xylenes
Concen: 104.502 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 106 Resp: 266202
Ion Ratio Lower Upper
106 100
91 190.4 154.4 231.6

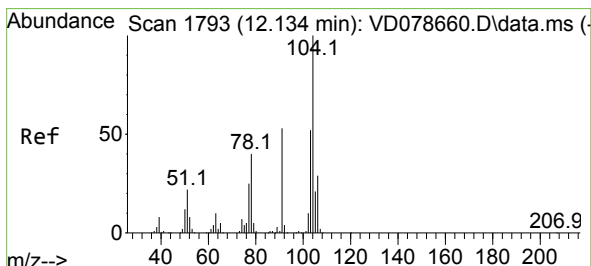
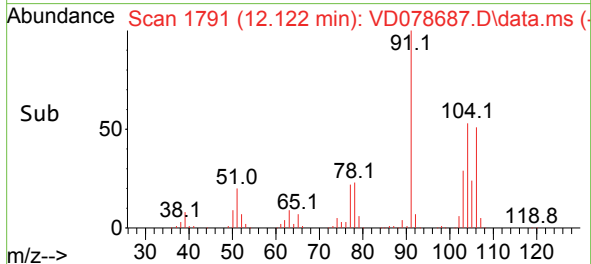
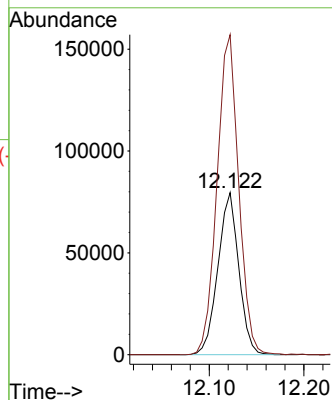
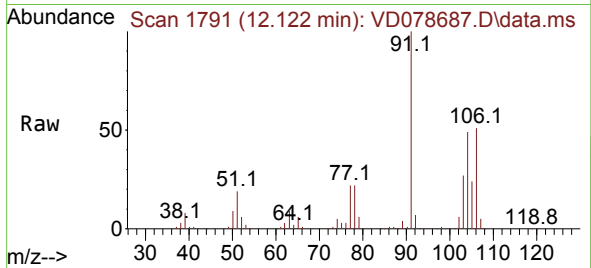




#69
o-Xylene
Concen: 51.746 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

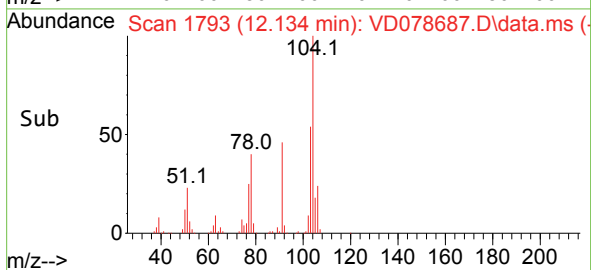
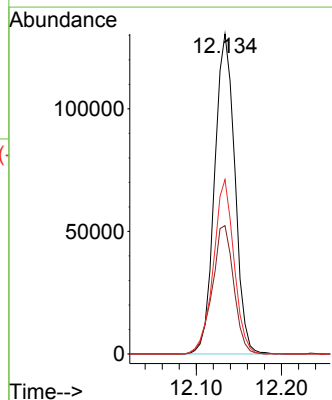
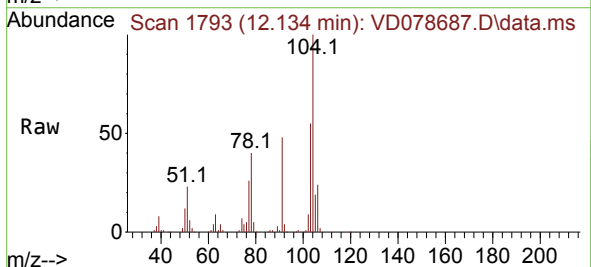
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

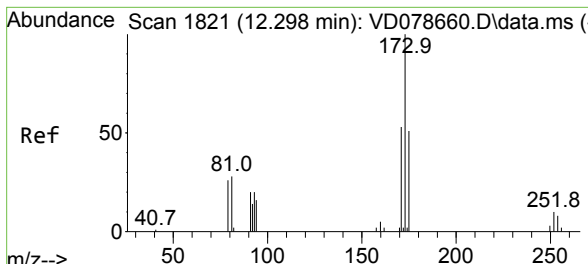
Tgt Ion:106 Resp: 121958
Ion Ratio Lower Upper
106 100
91 204.6 99.6 298.7



#70
Styrene
Concen: 54.432 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:104 Resp: 215328
Ion Ratio Lower Upper
104 100
78 42.6 34.6 52.0
103 55.3 44.2 66.2

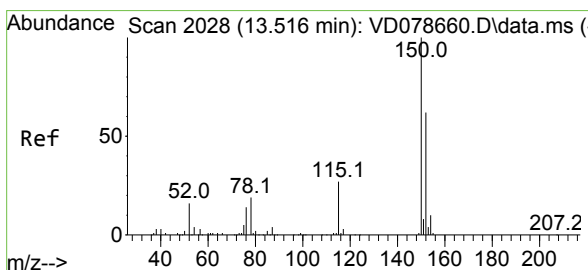
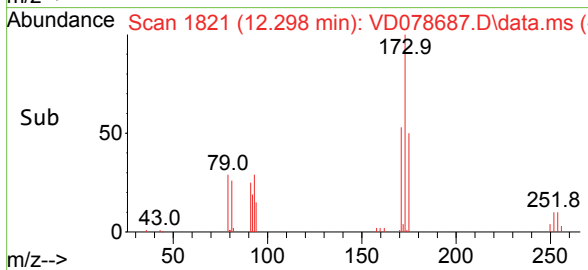
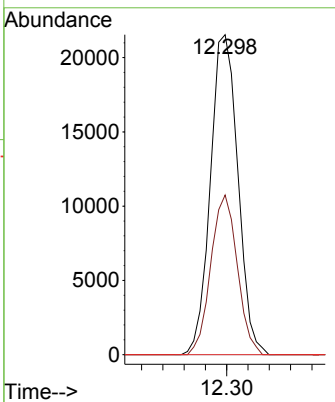
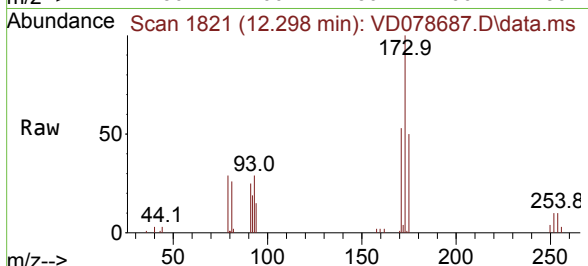




#71
 Bromoform
 Concen: 52.978 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

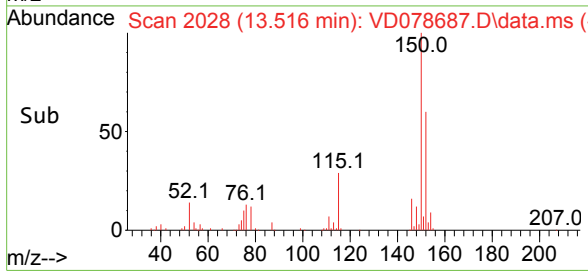
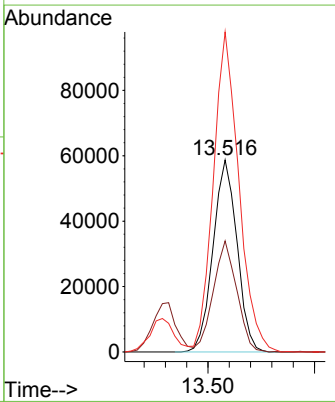
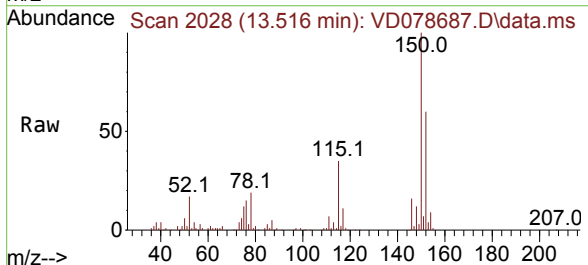
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

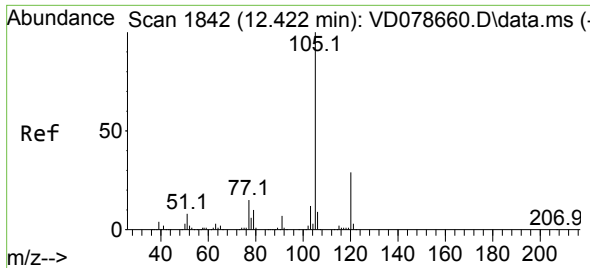
Tgt Ion:	173	Resp:	38599
Ion Ratio	Lower	Upper	
173	100		
175	48.0	25.8	77.4
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

Tgt Ion:	152	Resp:	91797
Ion Ratio	Lower	Upper	
152	100		
115	56.7	27.1	81.2
150	177.6	0.0	350.2

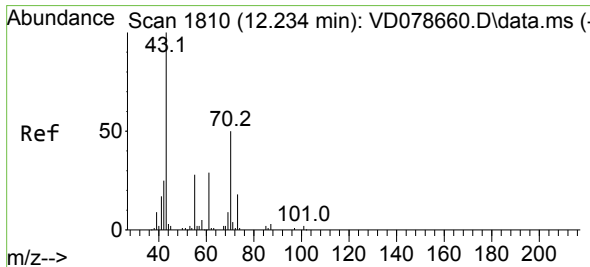
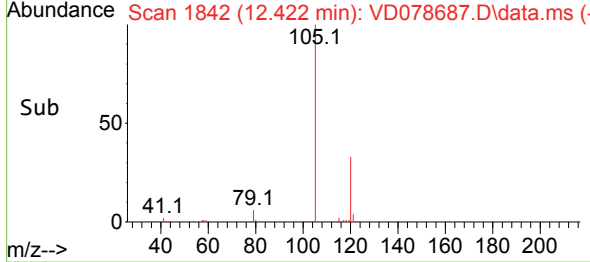
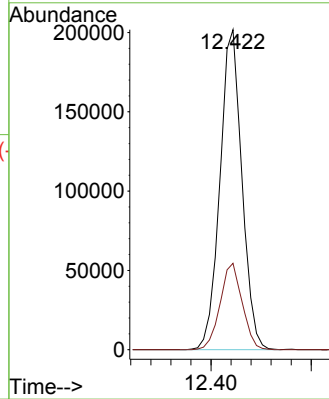
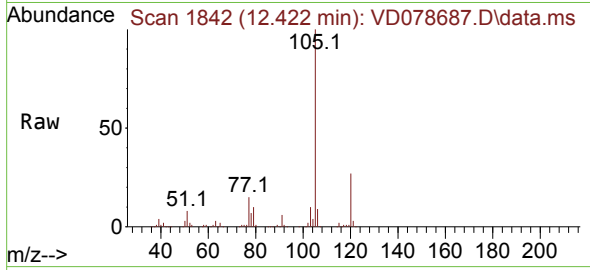




#73
Isopropylbenzene
Concen: 50.621 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

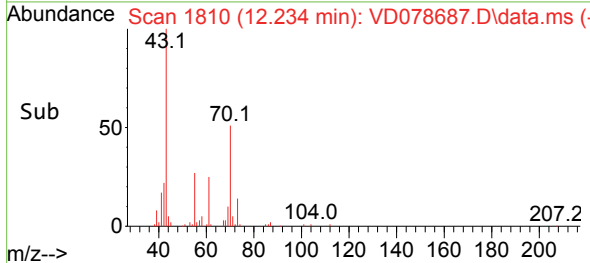
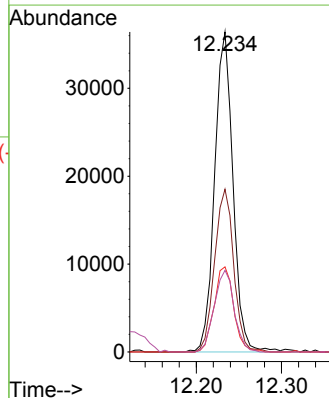
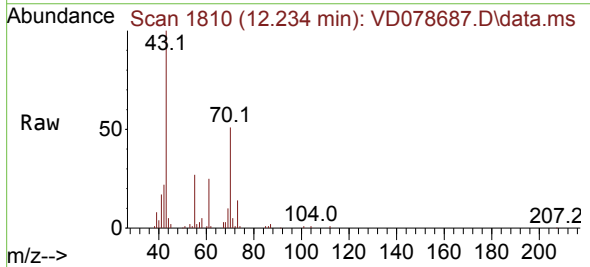
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

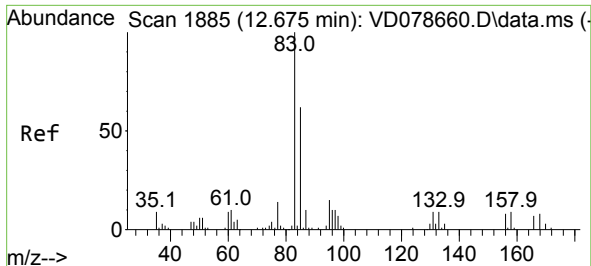
Tgt Ion:105 Resp: 305951
Ion Ratio Lower Upper
105 100
120 27.1 13.7 41.0



#74
N-ethyl acetate
Concen: 55.684 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 43 Resp: 54642
Ion Ratio Lower Upper
43 100
70 53.1 42.1 63.1
55 28.4 22.6 33.8
61 27.6 22.6 34.0

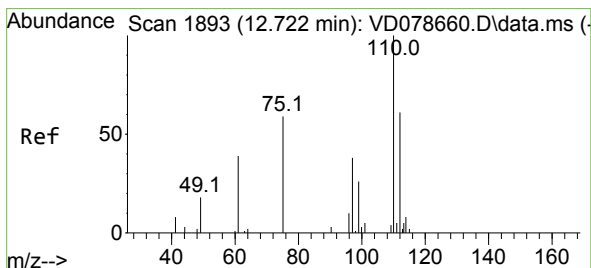
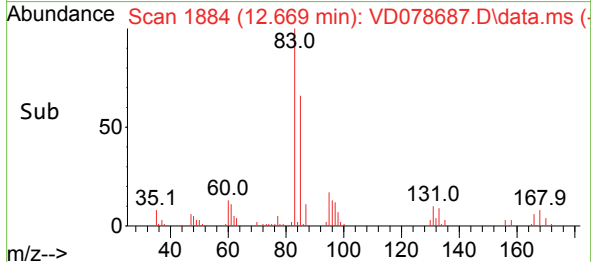
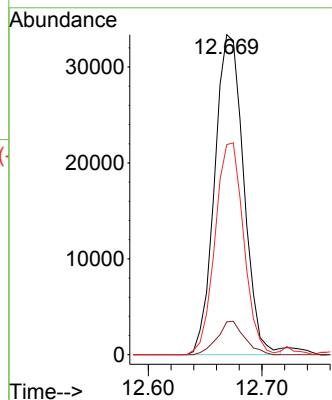
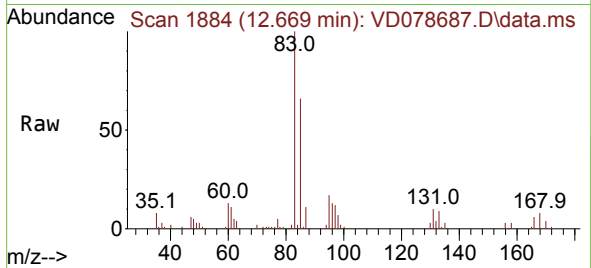




#75
1,1,2,2-Tetrachloroethane
Concen: 52.995 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

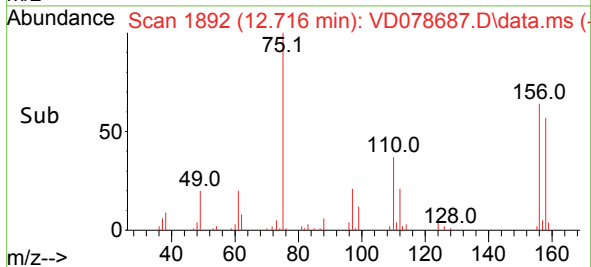
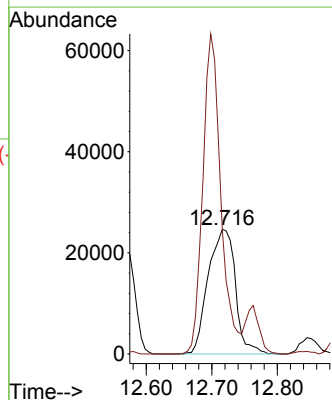
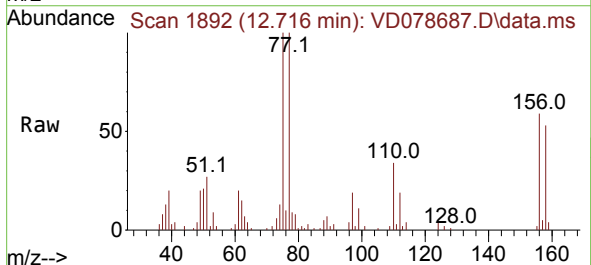
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

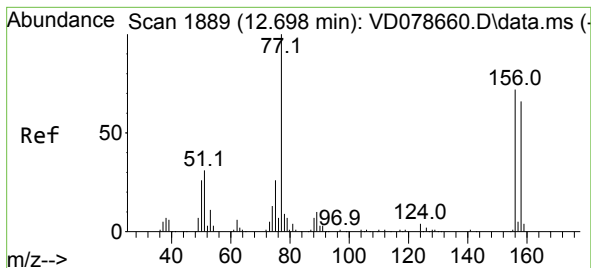
Tgt Ion: 83 Resp: 59294
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 65.2 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 100.394 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 75 Resp: 71003
Ion Ratio Lower Upper
75 100
77 171.5 0.0 0.0#





#77

Bromobenzene

Concen: 50.698 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

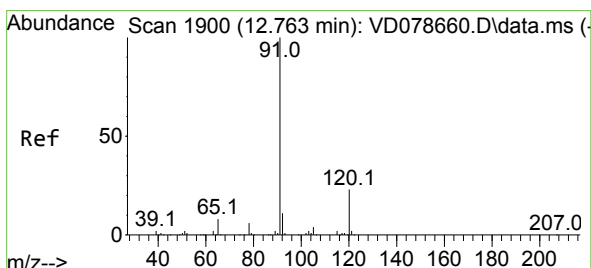
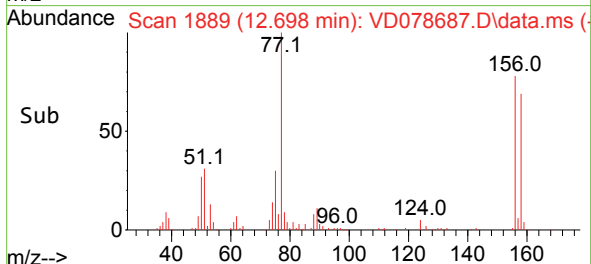
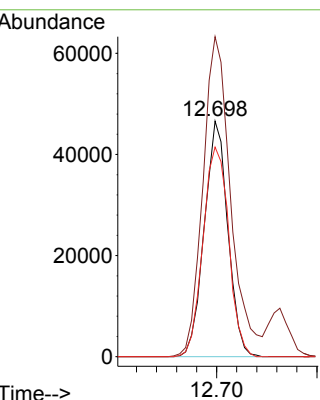
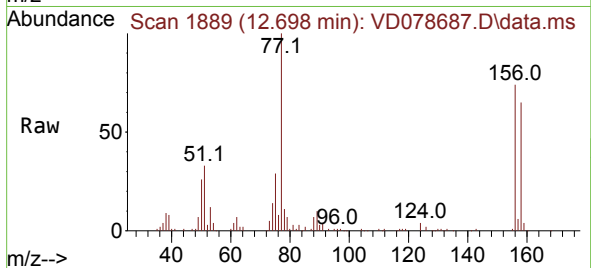
Tgt Ion:156 Resp: 75990

Ion Ratio Lower Upper

156 100

77 160.3 79.1 237.3

158 97.0 47.0 141.0



#78

n-propylbenzene

Concen: 52.234 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078687.D

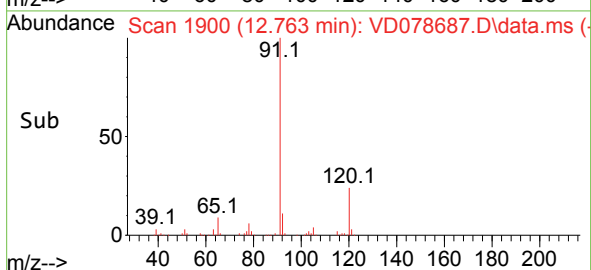
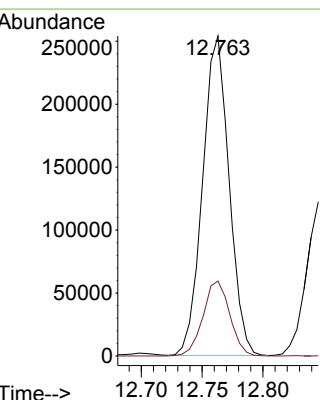
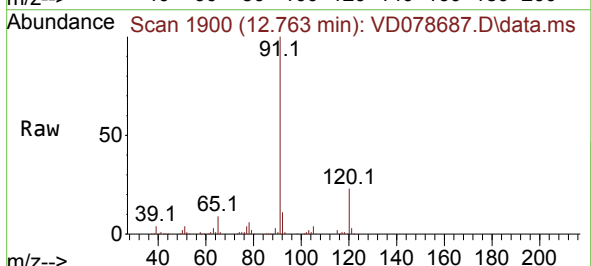
Acq: 15 Mar 2024 17:09

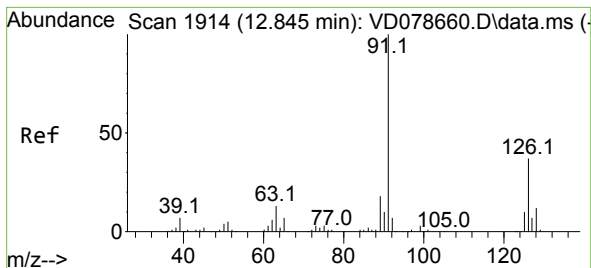
Tgt Ion: 91 Resp: 384278

Ion Ratio Lower Upper

91 100

120 23.6 11.7 35.1





#79

2-Chlorotoluene

Concen: 50.605 ug/l

RT: 12.845 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

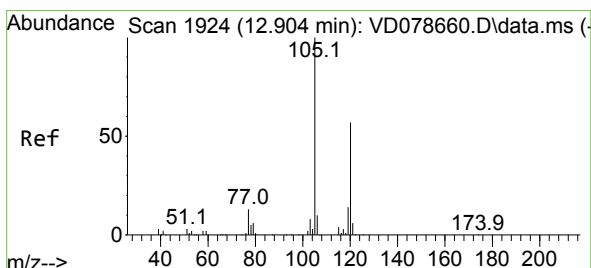
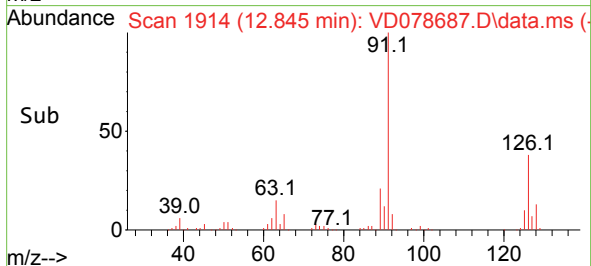
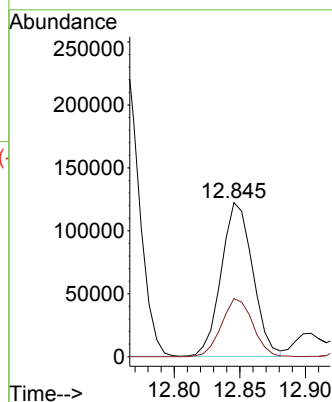
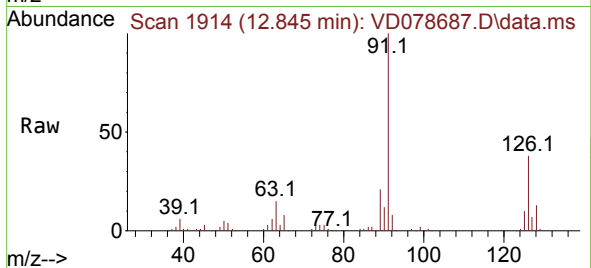
VSTDCCC050EC

Tgt Ion: 91 Resp: 204238

Ion Ratio Lower Upper

91 100

126 37.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 53.072 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078687.D

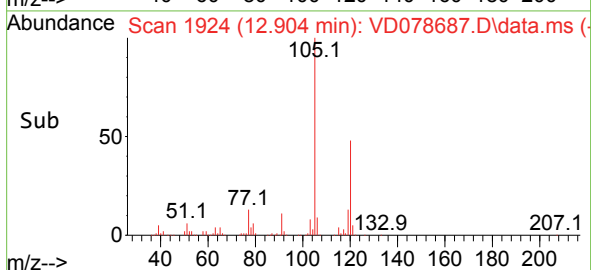
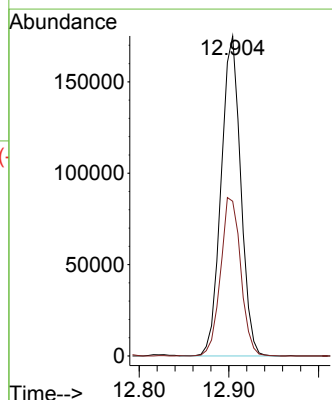
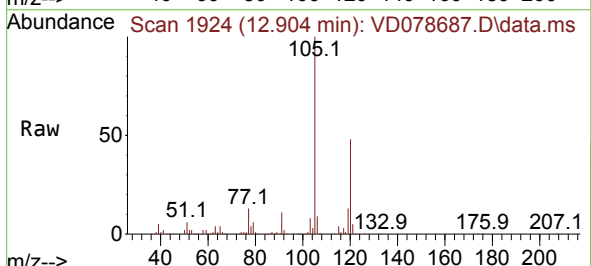
Acq: 15 Mar 2024 17:09

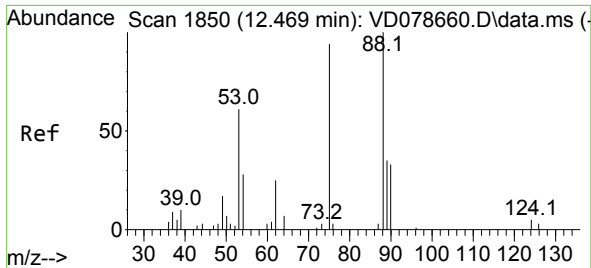
Tgt Ion: 105 Resp: 265254

Ion Ratio Lower Upper

105 100

120 51.0 25.9 77.7

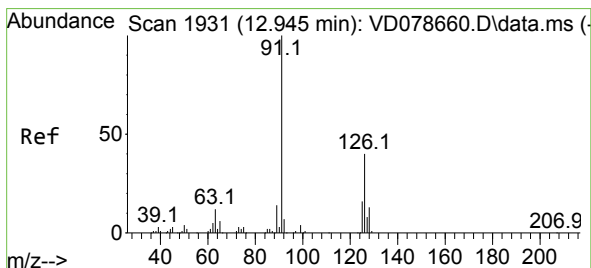
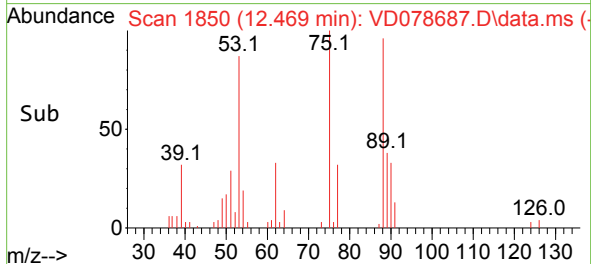
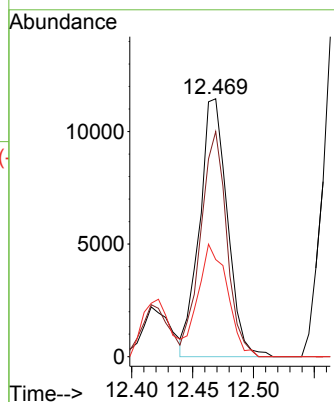
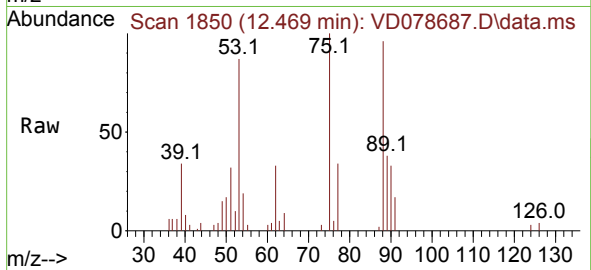




#81
trans-1,4-Dichloro-2-butene
Concen: 54.087 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

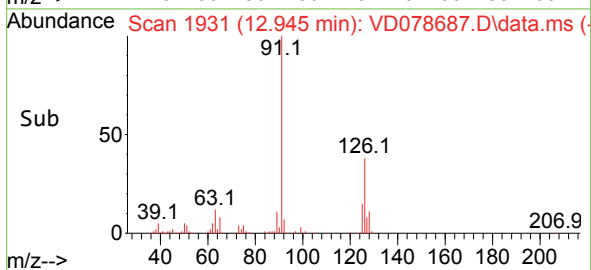
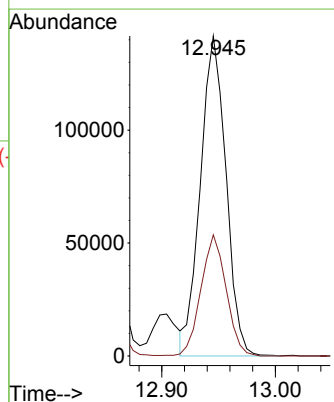
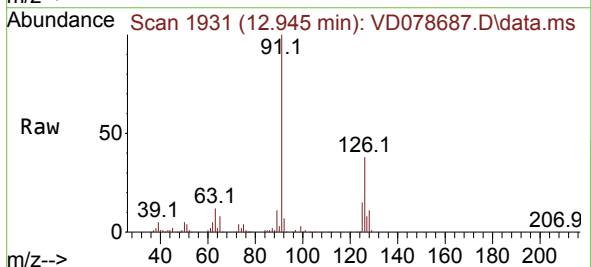
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

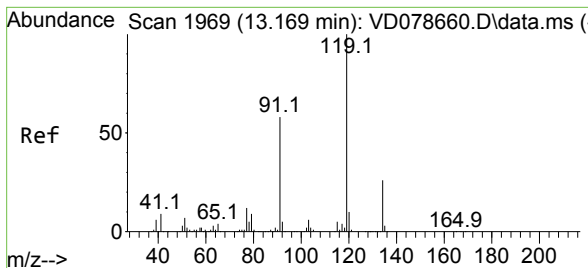
Tgt Ion: 75 Resp: 18249
Ion Ratio Lower Upper
75 100
53 81.9 61.0 91.6
89 46.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 51.945 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion: 91 Resp: 221741
Ion Ratio Lower Upper
91 100
126 37.3 18.9 56.5





#83

tert-Butylbenzene

Concen: 52.769 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

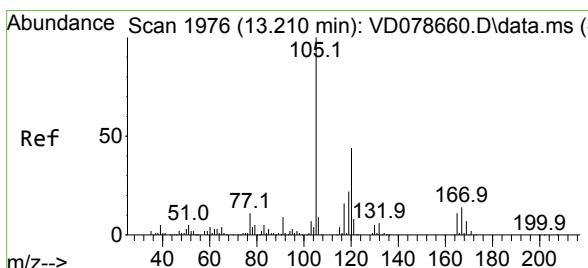
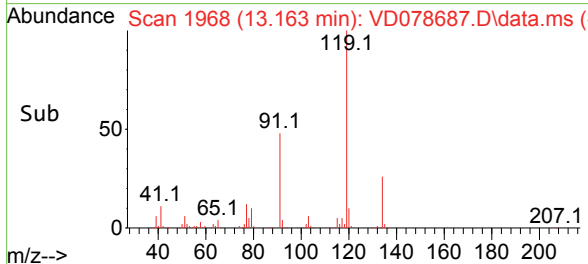
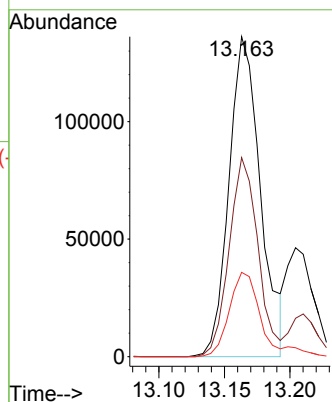
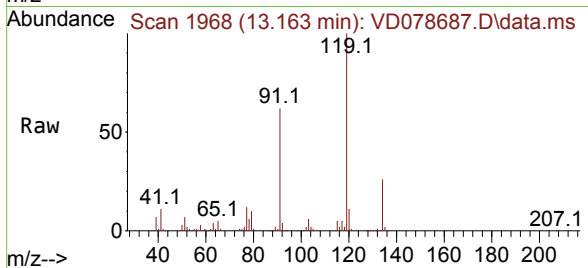
Tgt Ion:119 Resp: 227410

Ion Ratio Lower Upper

119 100

91 57.2 28.9 86.7

134 26.9 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 53.672 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD078687.D

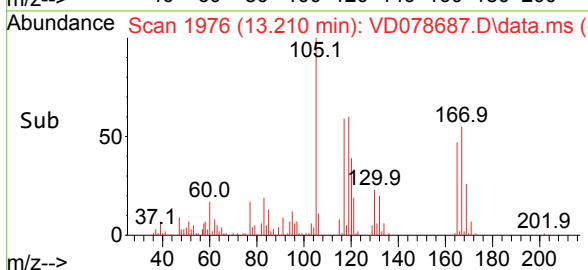
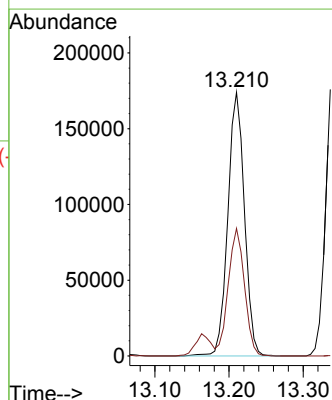
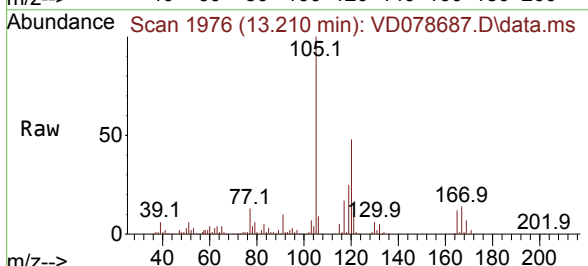
Acq: 15 Mar 2024 17:09

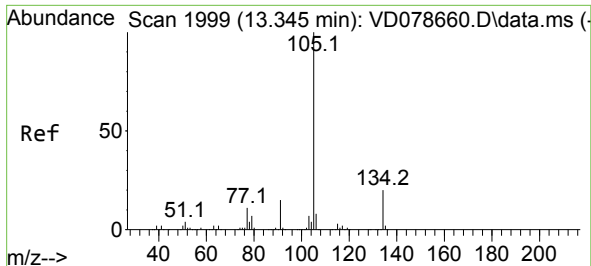
Tgt Ion:105 Resp: 270335

Ion Ratio Lower Upper

105 100

120 47.4 23.1 69.2

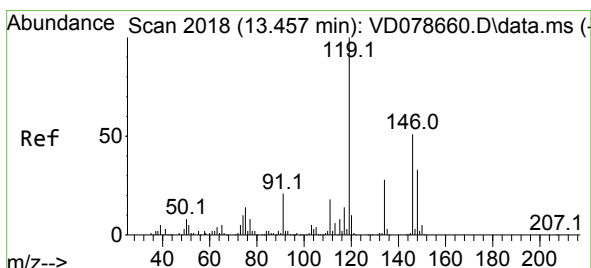
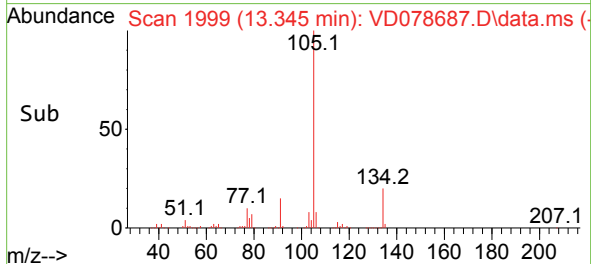
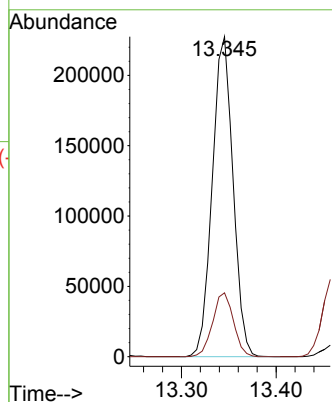
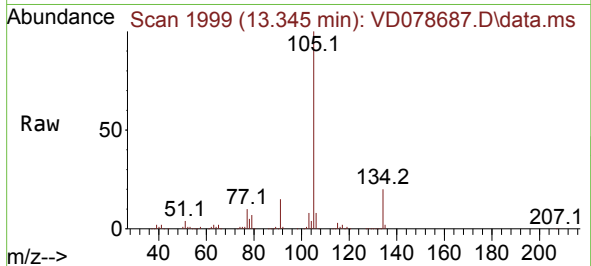




#85
 sec-Butylbenzene
 Concen: 53.029 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

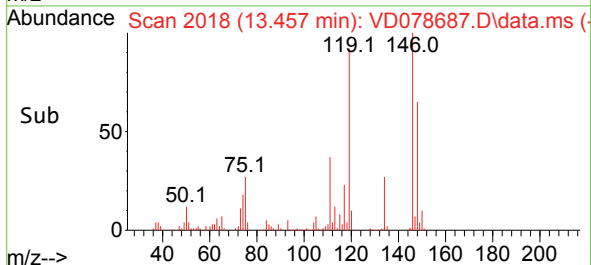
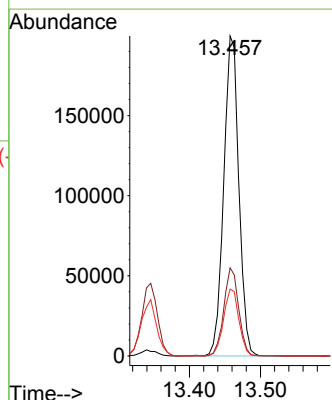
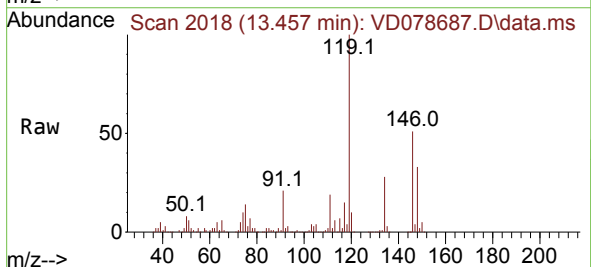
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

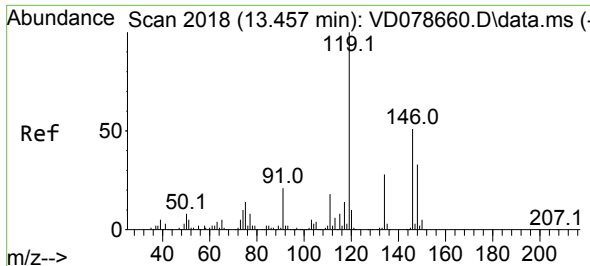
Tgt Ion:105 Resp: 345845
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 52.609 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: VD078687.D
 Acq: 15 Mar 2024 17:09

Tgt Ion:119 Resp: 293721
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.5
 91 21.3 10.4 31.2

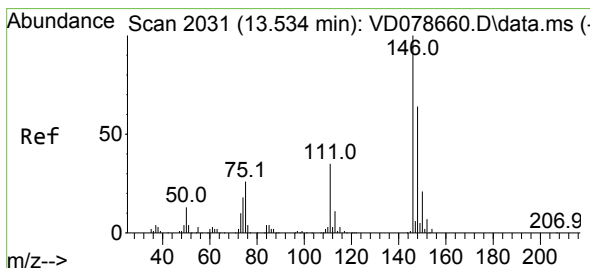
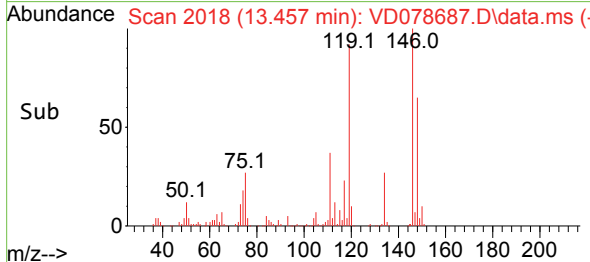
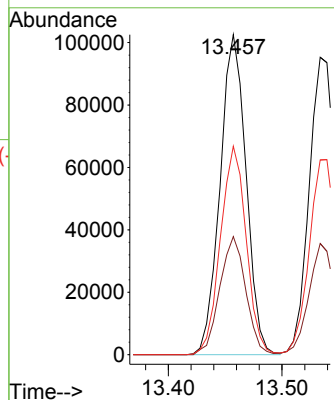
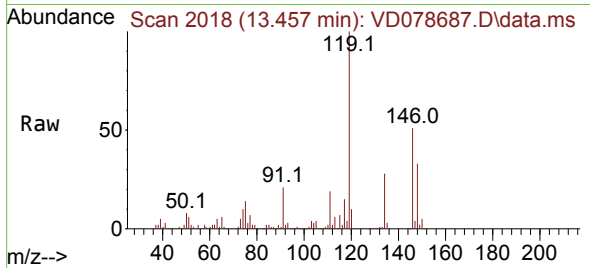




#87
1,3-Dichlorobenzene
Concen: 51.635 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

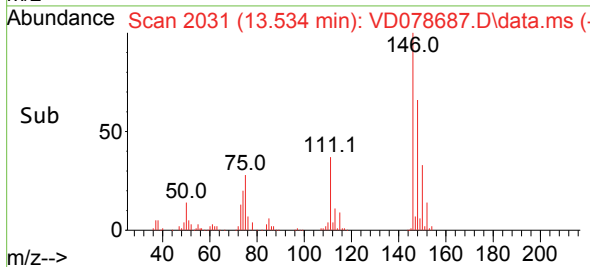
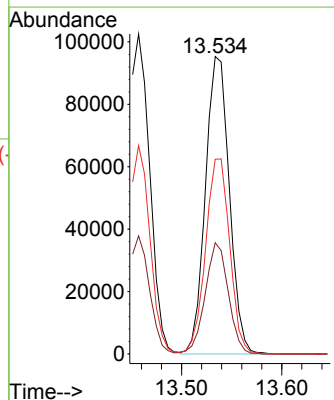
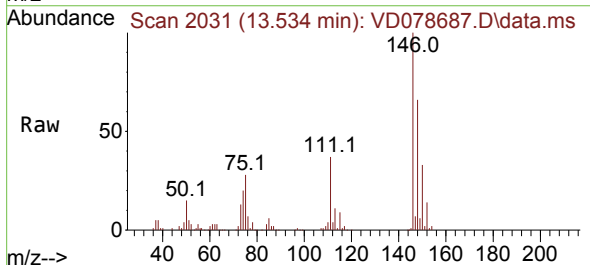
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

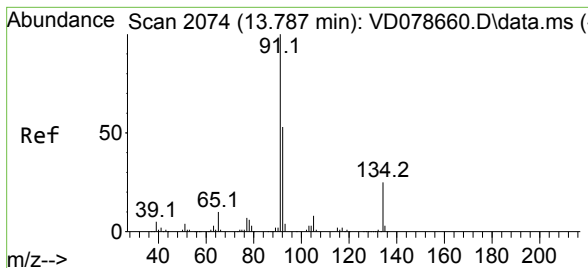
Tgt Ion:146 Resp: 163324
Ion Ratio Lower Upper
146 100
111 36.9 18.2 54.6
148 64.5 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 50.700 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:146 Resp: 158044
Ion Ratio Lower Upper
146 100
111 36.3 17.8 53.3
148 66.2 32.4 97.0





#89

n-Butylbenzene

Concen: 52.378 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

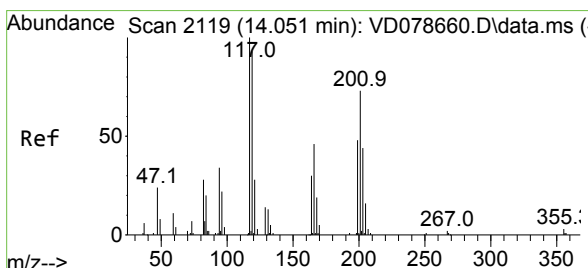
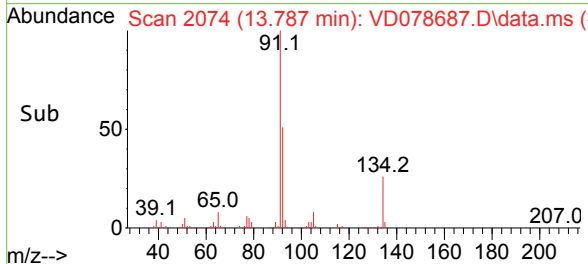
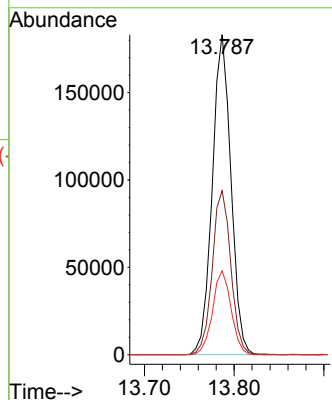
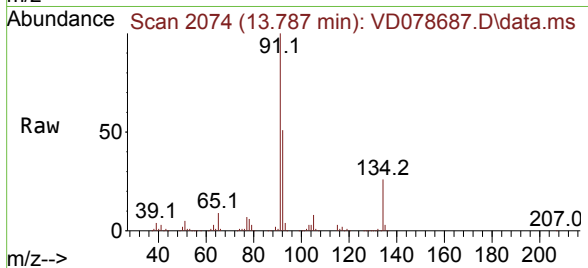
Tgt Ion: 91 Resp: 264103

Ion Ratio Lower Upper

91 100

92 51.0 26.4 79.0

134 26.0 13.0 38.9



#90

Hexachloroethane

Concen: 50.169 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD078687.D

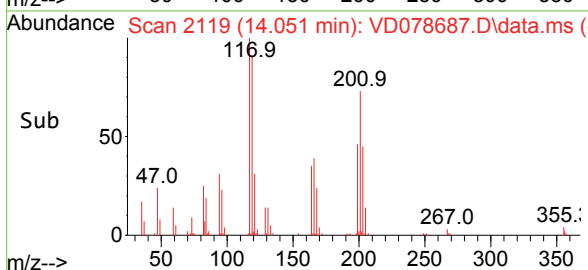
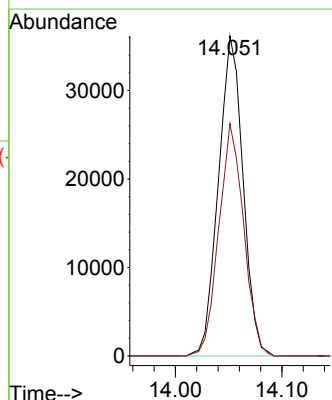
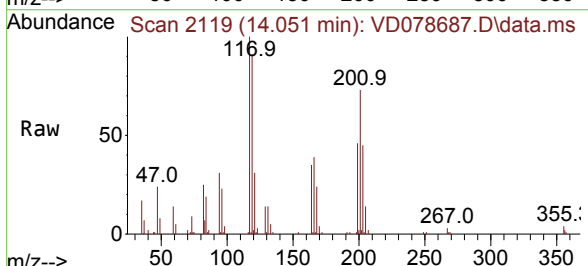
Acq: 15 Mar 2024 17:09

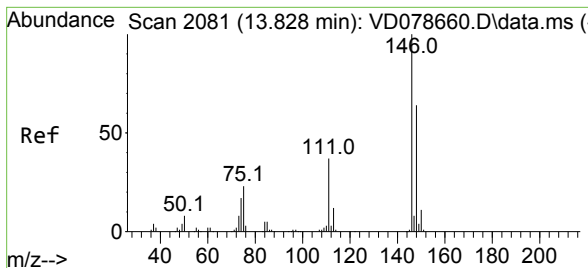
Tgt Ion: 117 Resp: 57957

Ion Ratio Lower Upper

117 100

201 73.4 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 51.799 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

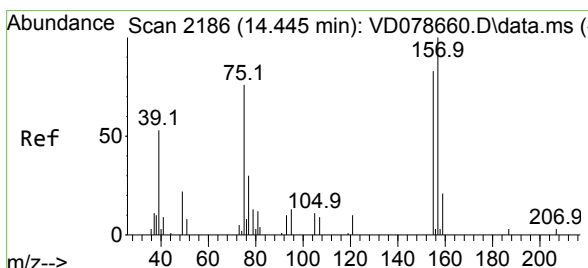
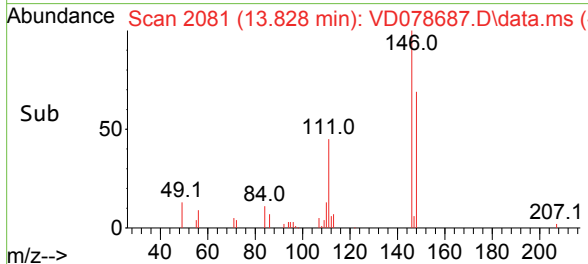
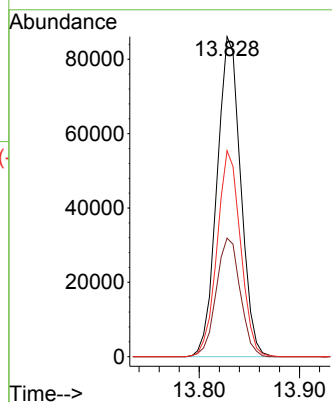
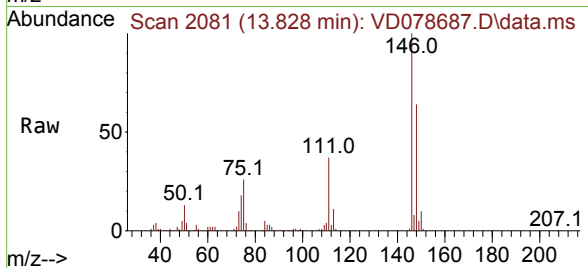
Tgt Ion:146 Resp: 141112

Ion Ratio Lower Upper

146 100

111 37.7 18.6 56.0

148 63.8 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.802 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD078687.D

Acq: 15 Mar 2024 17:09

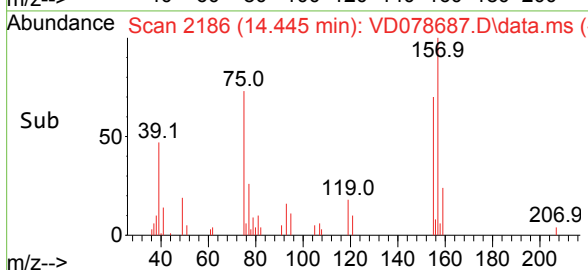
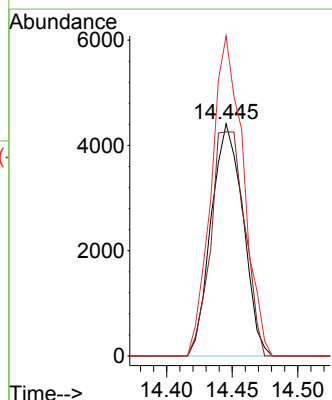
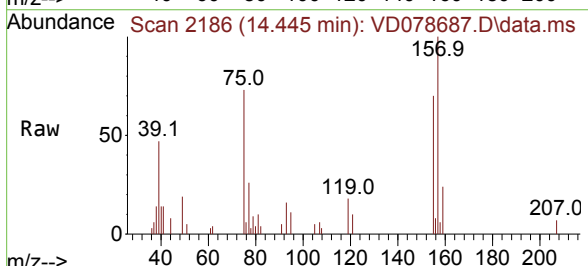
Tgt Ion: 75 Resp: 7454

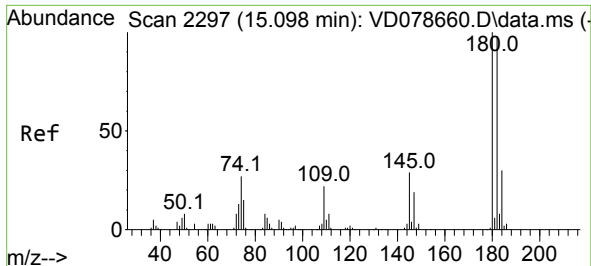
Ion Ratio Lower Upper

75 100

155 102.6 49.8 149.3

157 138.3 65.5 196.3

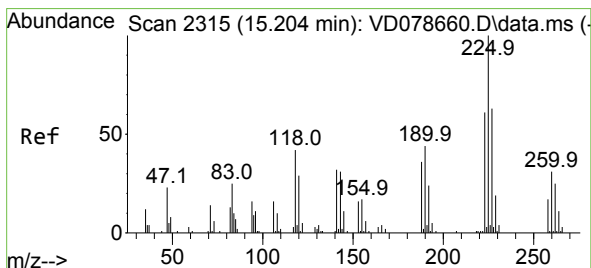
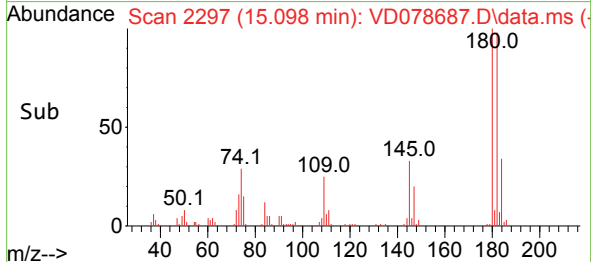
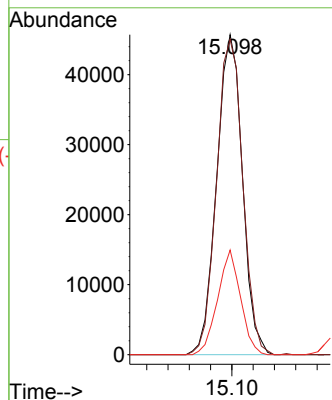
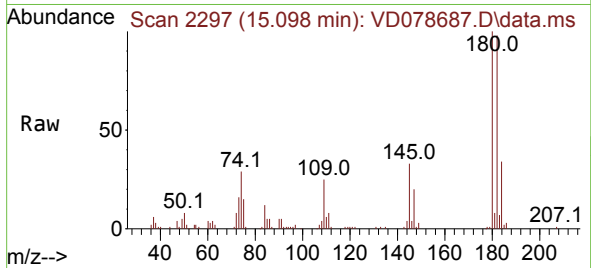




#93
1,2,4-Trichlorobenzene
Concen: 48.149 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

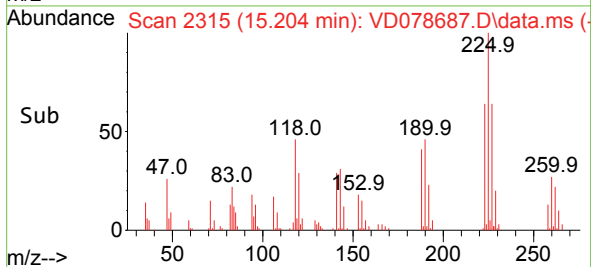
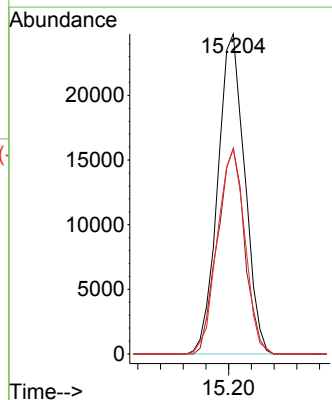
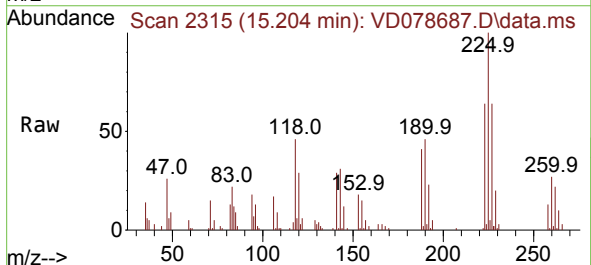
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

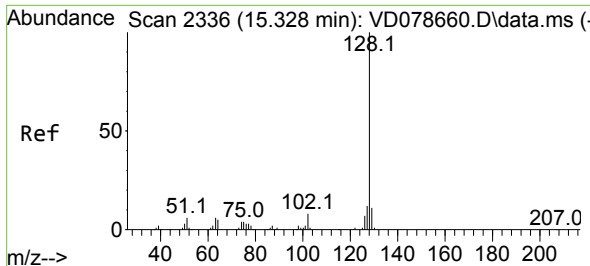
Tgt Ion:180 Resp: 76551
Ion Ratio Lower Upper
180 100
182 100.1 49.7 149.1
145 29.1 14.6 44.0



#94
Hexachlorobutadiene
Concen: 47.460 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:225 Resp: 40850
Ion Ratio Lower Upper
225 100
223 64.4 31.9 95.7
227 65.2 32.0 96.0

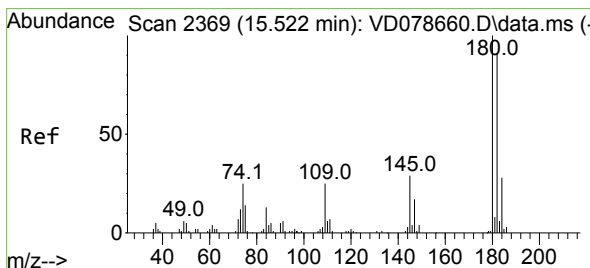
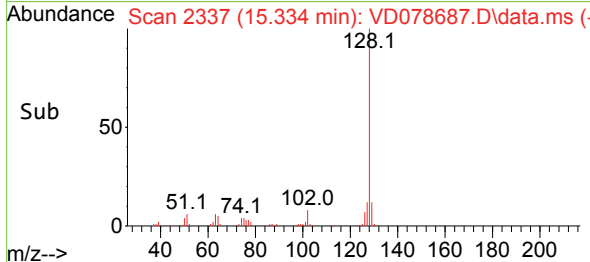
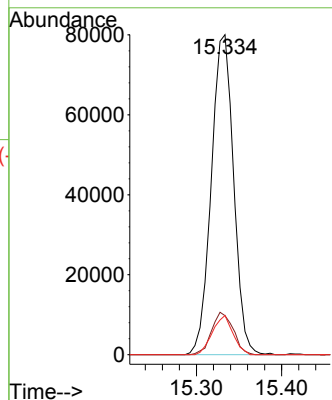
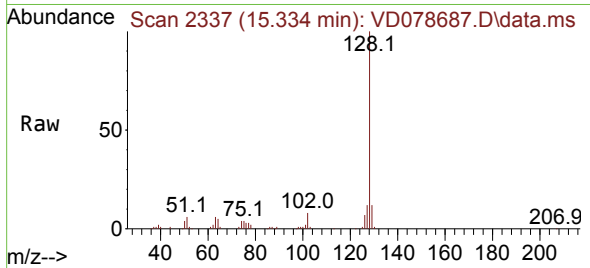




#95
Naphthalene
Concen: 52.670 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 145589
Ion Ratio Lower Upper
128 100
127 12.2 9.3 13.9
129 12.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 50.381 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078687.D
Acq: 15 Mar 2024 17:09

Tgt Ion:180 Resp: 69295
Ion Ratio Lower Upper
180 100
182 97.8 46.7 140.1
145 31.1 14.4 43.4

