

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078492.D
 Acq On : 21 Feb 2024 10:12
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 22 00:00:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	138493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70120	46.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.660%
35) Dibromofluoromethane	7.810	113	80342	53.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.700%
50) Toluene-d8	10.269	98	307903	51.111	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.575	95	87664	50.006	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	75250	55.146	ug/l	98
3) Chloromethane	2.158	50	117410	46.819	ug/l	100
4) Vinyl Chloride	2.287	62	179190	46.827	ug/l	99
5) Bromomethane	2.699	94	143310	54.257	ug/l	97
6) Chloroethane	2.846	64	133149	47.718	ug/l	96
7) Trichlorofluoromethane	3.181	101	139488	54.037	ug/l	95
8) Diethyl Ether	3.599	74	40543	54.529	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	84009	51.588	ug/l	97
10) Methyl Iodide	4.175	142	88205	60.475	ug/l	91
11) Tert butyl alcohol	5.063	59	19567	240.885	ug/l #	92
12) 1,1-Dichloroethene	3.946	96	80193	53.117	ug/l	90
13) Acrolein	3.799	56	23327	168.622	ug/l	95
14) Allyl chloride	4.569	41	91429	49.021	ug/l	94
15) Acrylonitrile	5.263	53	83339	261.838	ug/l	98
16) Acetone	4.034	43	80283	283.045	ug/l	92
17) Carbon Disulfide	4.281	76	246234	48.469	ug/l	98
18) Methyl Acetate	4.569	43	68133	61.527	ug/l	94
19) Methyl tert-butyl Ether	5.328	73	172359	53.734	ug/l	98
20) Methylene Chloride	4.805	84	95487	56.705	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	96210	54.169	ug/l	91
22) Diisopropyl ether	6.222	45	216683	52.710	ug/l	98
23) Vinyl Acetate	6.157	43	489480	292.931	ug/l	94
24) 1,1-Dichloroethane	6.122	63	154178	52.943	ug/l	98
25) 2-Butanone	7.081	43	103417	274.096	ug/l	92
26) 2,2-Dichloropropane	7.075	77	131333	53.797	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	106962	54.891	ug/l	96
28) Bromochloromethane	7.434	49	56057	48.600	ug/l	88
29) Tetrahydrofuran	7.451	42	56483	253.634	ug/l	96
30) Chloroform	7.598	83	166435	54.017	ug/l	99
31) Cyclohexane	7.881	56	120269	47.479	ug/l	94
32) 1,1,1-Trichloroethane	7.798	97	142901	54.398	ug/l	100
36) 1,1-Dichloropropene	8.010	75	125201	53.516	ug/l	98
37) Ethyl Acetate	7.175	43	40464	49.341	ug/l	99
38) Carbon Tetrachloride	7.993	117	130167	56.183	ug/l	98
39) Methylcyclohexane	9.275	83	149526	53.838	ug/l	97
40) Benzene	8.251	78	368580	54.506	ug/l	100

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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	23851	55.883	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	92685	52.972	ug/l	97
43) Isopropyl Acetate	8.363	43	77911	51.304	ug/l	96
44) Trichloroethene	9.034	130	100818	58.441	ug/l	96
45) 1,2-Dichloropropane	9.304	63	88446	53.309	ug/l	99
46) Dibromomethane	9.393	93	50366	53.971	ug/l	94
47) Bromodichloromethane	9.587	83	126281	54.634	ug/l	100
48) Methyl methacrylate	9.381	41	46263	57.421	ug/l	82
49) 1,4-Dioxane	9.387	88	11517	1139.594	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	207880	257.915	ug/l	96
52) Toluene	10.334	92	241106	56.383	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	114956	54.505	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	139779	54.656	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	70514	56.109	ug/l	93
56) Ethyl methacrylate	10.598	69	56026	48.202	ug/l	93
57) 1,3-Dichloropropane	10.881	76	115869	54.200	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	162961	238.023	ug/l	97
59) 2-Hexanone	10.922	43	157637	260.248	ug/l	93
60) Dibromochloromethane	11.075	129	88356	58.434	ug/l	98
61) 1,2-Dibromoethane	11.181	107	66691	56.526	ug/l	100
64) Tetrachloroethene	10.810	164	78756	56.905	ug/l	96
65) Chlorobenzene	11.610	112	253863	57.630	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	92413	57.086	ug/l	99
67) Ethyl Benzene	11.681	91	463310	58.700	ug/l	97
68) m/p-Xylenes	11.792	106	366621	119.083	ug/l	95
69) o-Xylene	12.122	106	163376	58.151	ug/l	93
70) Styrene	12.134	104	252052	54.970	ug/l	96
71) Bromoform	12.298	173	50204	58.920	ug/l #	100
73) Isopropylbenzene	12.422	105	442323	57.428	ug/l	96
74) N-amyl acetate	12.234	43	69508	47.702	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	79646	52.129	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	93948	96.475	ug/l #	100
77) Bromobenzene	12.698	156	102703	56.738	ug/l	95
78) n-propylbenzene	12.763	91	536454	55.890	ug/l	96
79) 2-Chlorotoluene	12.851	91	279147	54.299	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	367409	57.447	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	25102	53.514	ug/l	99
82) 4-Chlorotoluene	12.945	91	302947	54.867	ug/l	98
83) tert-Butylbenzene	13.169	119	317326	58.831	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	378479	58.309	ug/l	95
85) sec-Butylbenzene	13.345	105	474101	56.677	ug/l	96
86) p-Isopropyltoluene	13.463	119	423929	59.500	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	217631	56.332	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	211768	55.786	ug/l	99
89) n-Butylbenzene	13.786	91	392876	57.209	ug/l	98
90) Hexachloroethane	14.051	117	79528	54.308	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	180815	55.734	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10466	52.315	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	111067	58.253	ug/l	98
94) Hexachlorobutadiene	15.204	225	59698	59.986	ug/l	99
95) Naphthalene	15.333	128	207787	58.758	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	99734	61.721	ug/l	98

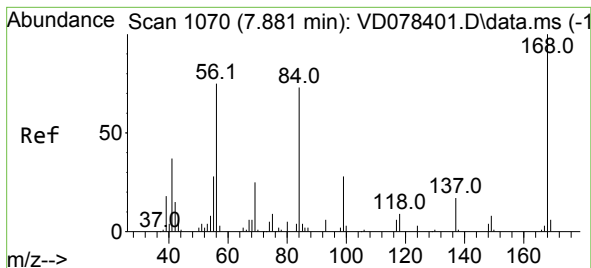
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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

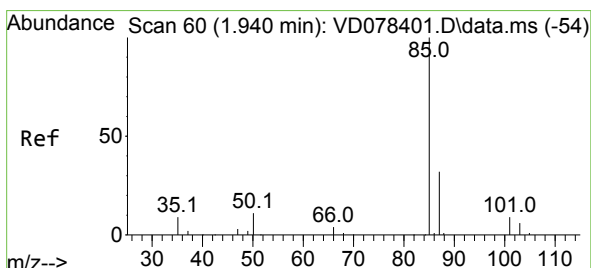
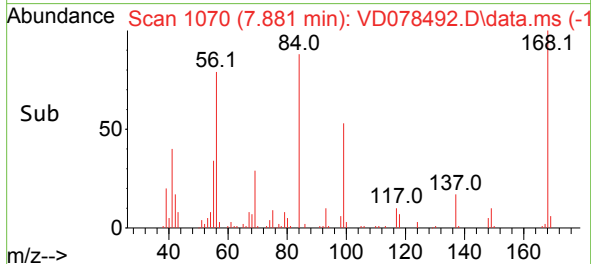
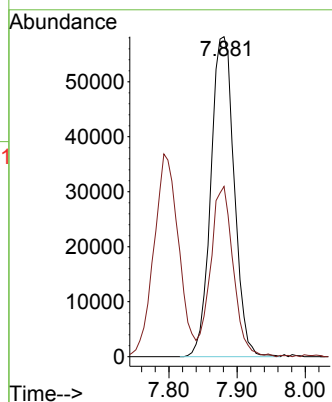
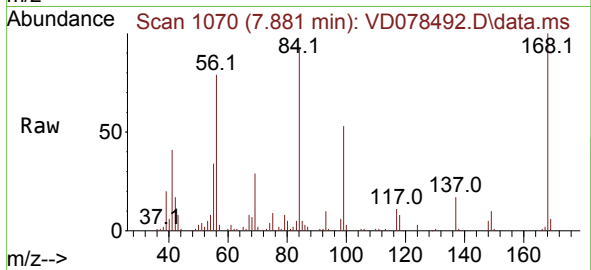
VSTDCCC050

Tgt Ion:168 Resp: 138493

Ion Ratio Lower Upper

168 100

99 52.8 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 55.146 ug/l

RT: 1.940 min Scan# 60

Delta R.T. -0.000 min

Lab File: VD078492.D

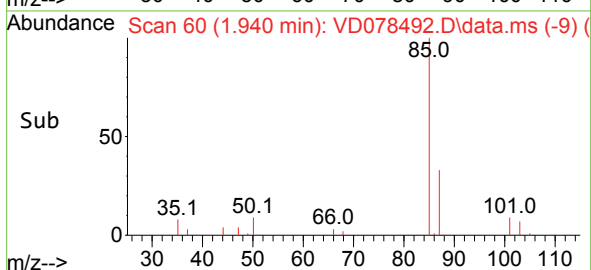
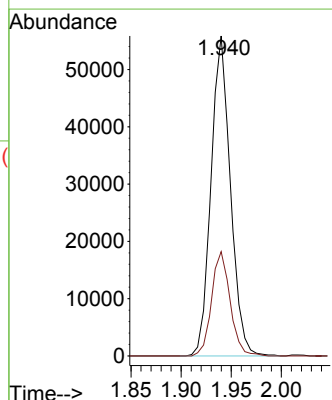
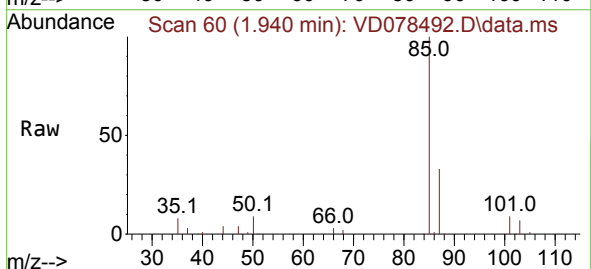
Acq: 21 Feb 2024 10:12

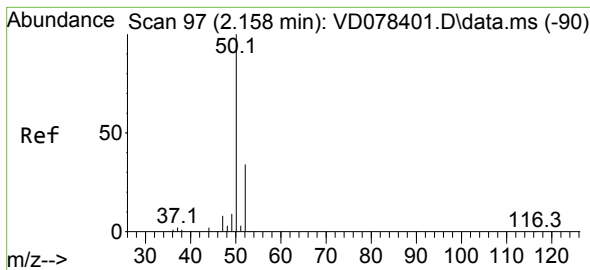
Tgt Ion: 85 Resp: 75250

Ion Ratio Lower Upper

85 100

87 32.6 15.7 47.0





#3

Chloromethane

Concen: 46.819 ug/l

RT: 2.158 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

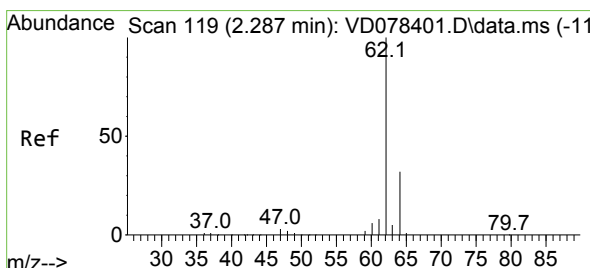
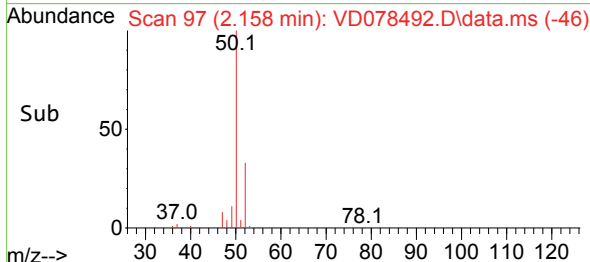
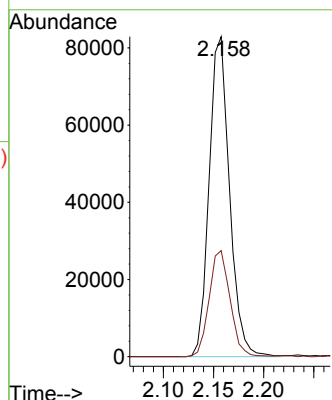
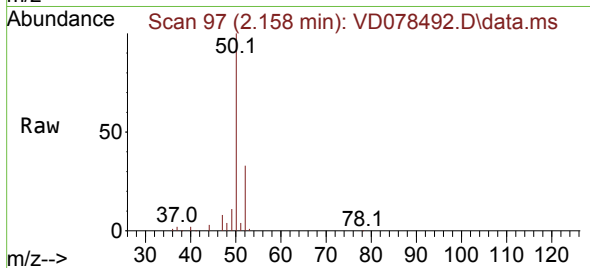
VSTDCCC050

Tgt Ion: 50 Resp: 117410

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 46.827 ug/l

RT: 2.287 min Scan# 119

Delta R.T. -0.000 min

Lab File: VD078492.D

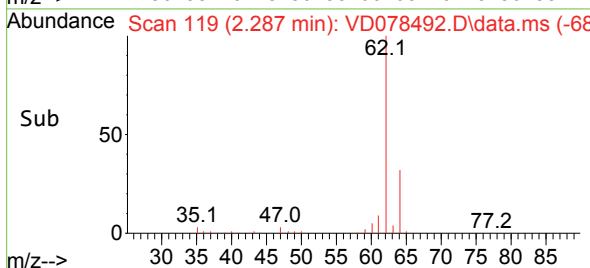
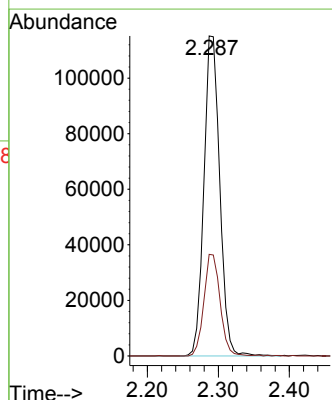
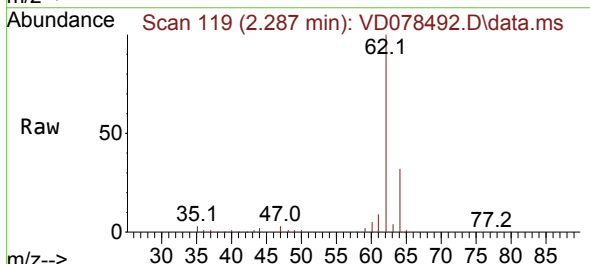
Acq: 21 Feb 2024 10:12

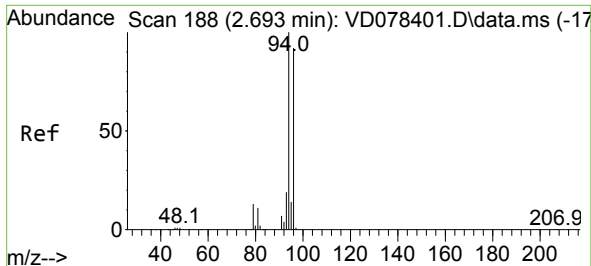
Tgt Ion: 62 Resp: 179190

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0

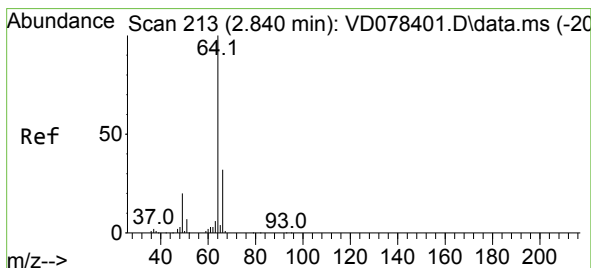
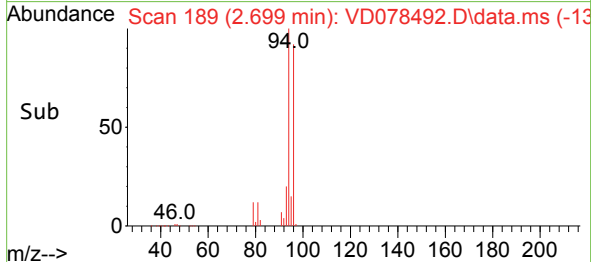
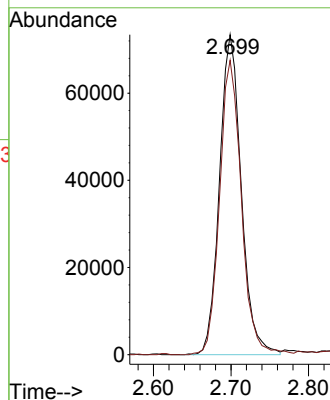
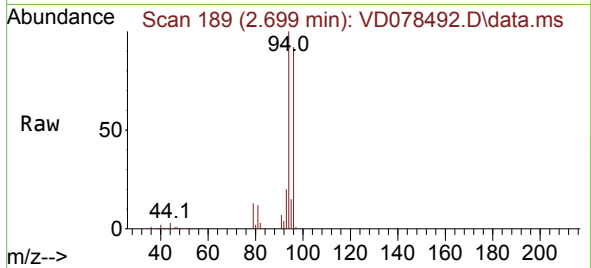




#5
Bromomethane
Concen: 54.257 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

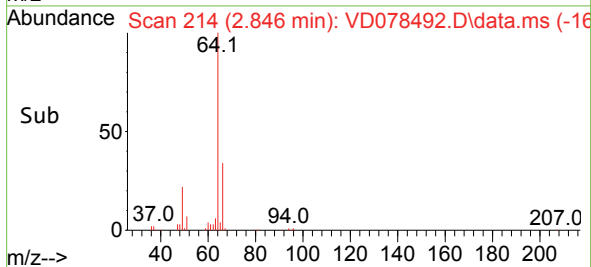
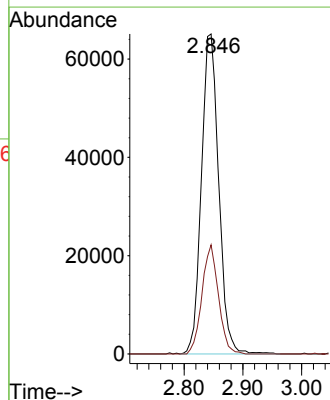
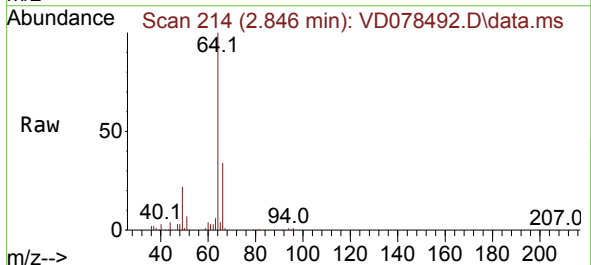
Instrument :
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VSTDCCC050

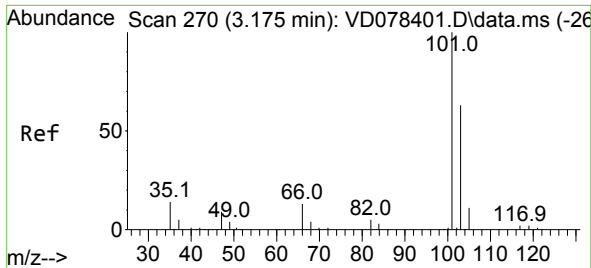
Tgt Ion: 94 Resp: 143310
Ion Ratio Lower Upper
94 100
96 92.1 75.8 113.8



#6
Chloroethane
Concen: 47.718 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 64 Resp: 133149
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3

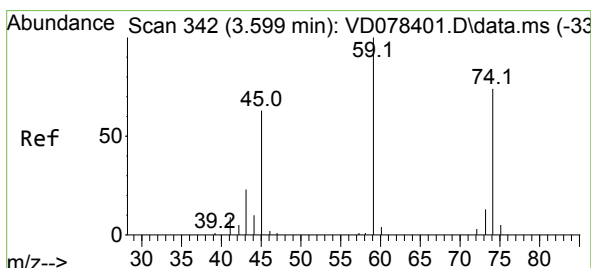
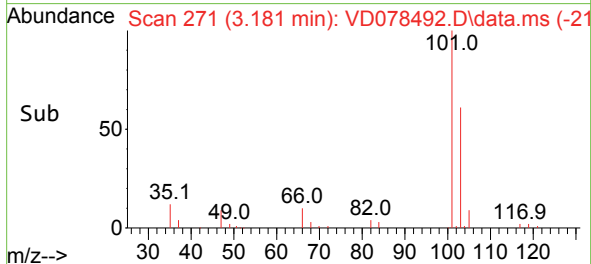
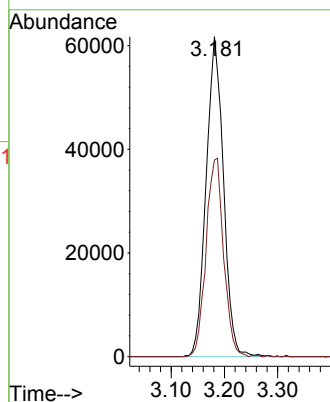
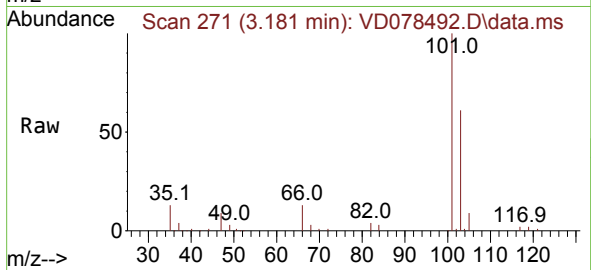




#7
 Trichlorofluoromethane
 Concen: 54.037 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078492.D
 Acq: 21 Feb 2024 10:12

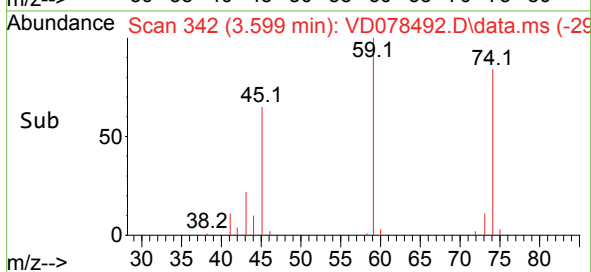
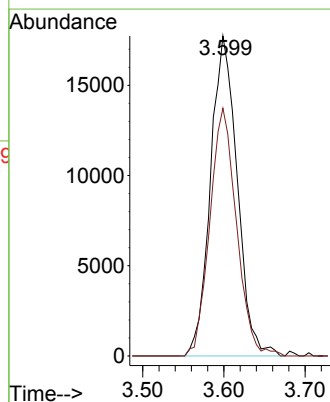
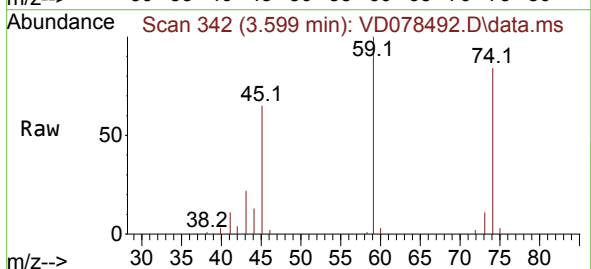
Instrument :
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 ClientSampleId :
 VSTDCCC050

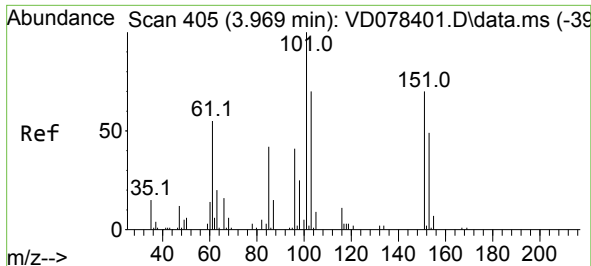
Tgt Ion:101 Resp: 139488
 Ion Ratio Lower Upper
 101 100
 103 61.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 54.529 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD078492.D
 Acq: 21 Feb 2024 10:12

Tgt Ion: 74 Resp: 40543
 Ion Ratio Lower Upper
 74 100
 45 77.3 37.5 112.7

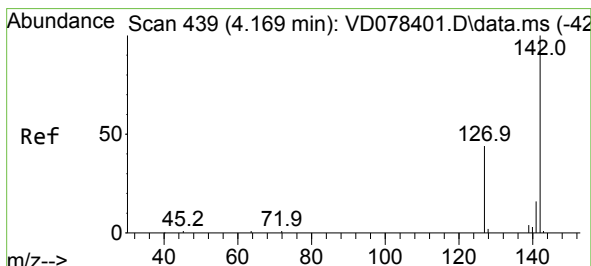
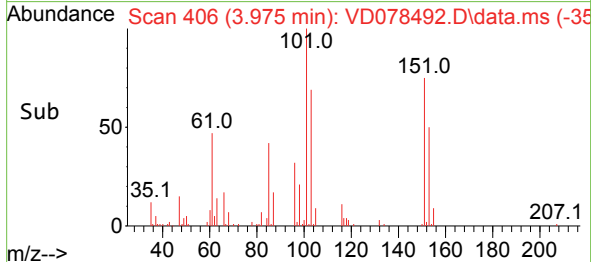
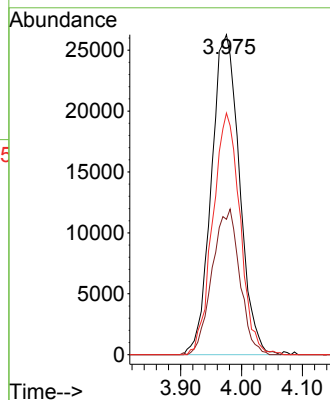
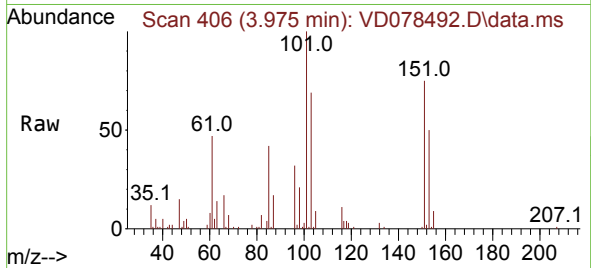




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.588 ug/l
RT: 3.975 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

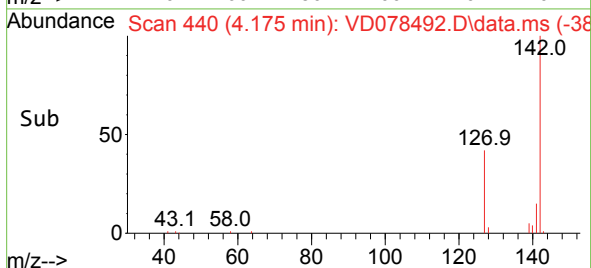
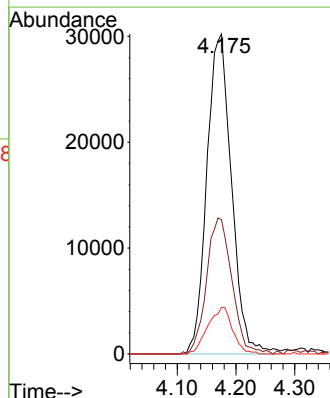
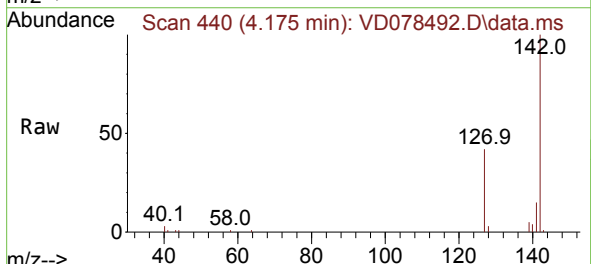
Instrument :
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ClientSampleId :
VSTDCCC050

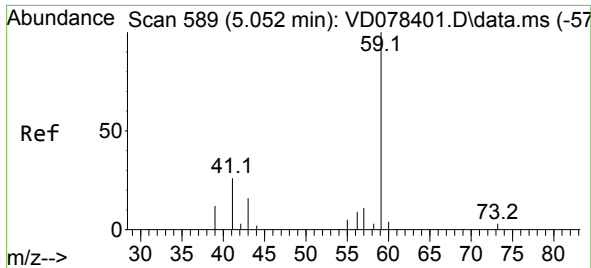
Tgt Ion:101 Resp: 84009
Ion Ratio Lower Upper
101 100
85 44.7 33.8 50.6
151 73.3 59.8 89.6



#10
Methyl Iodide
Concen: 60.475 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion:142 Resp: 88205
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 14.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 240.885 ug/l

RT: 5.063 min Scan# 591

Delta R.T. 0.011 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

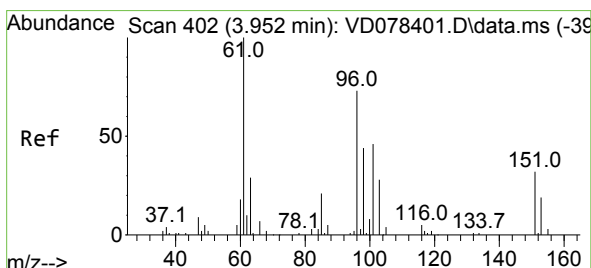
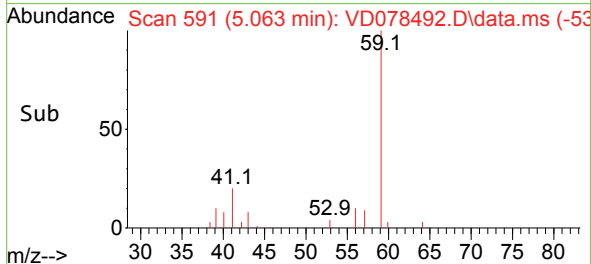
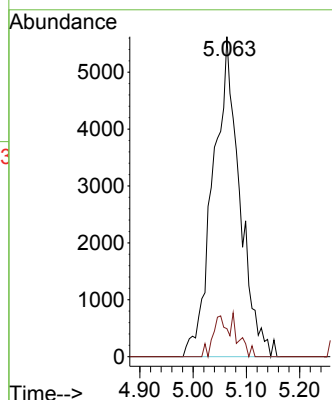
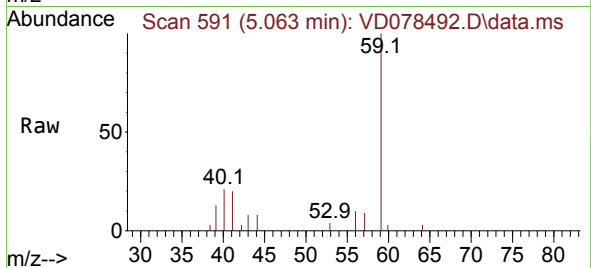
VSTDCCC050

Tgt Ion: 59 Resp: 19567

Ion Ratio Lower Upper

59 100

57 6.8 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 53.117 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

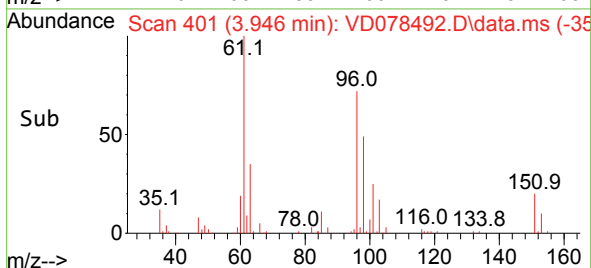
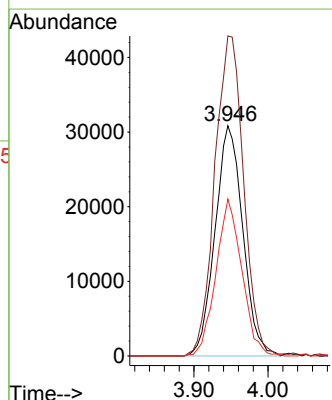
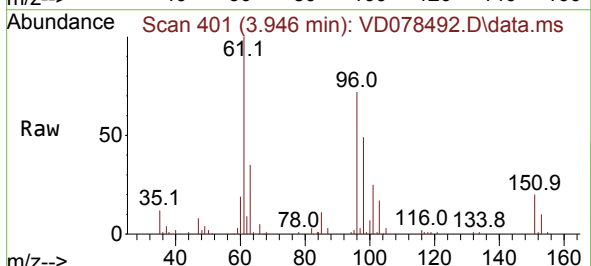
Tgt Ion: 96 Resp: 80193

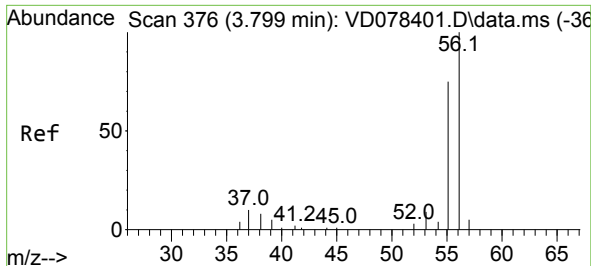
Ion Ratio Lower Upper

96 100

61 139.0 100.6 150.8

98 68.2 50.2 75.2

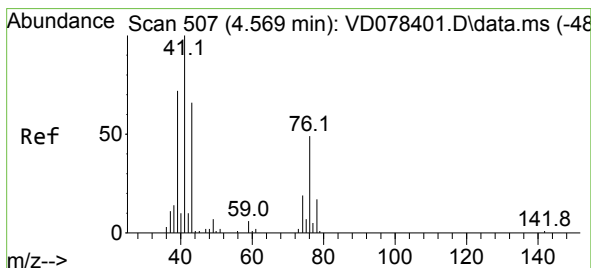
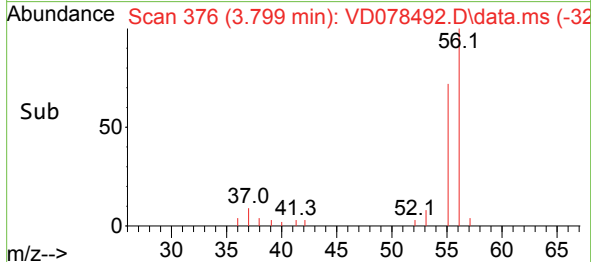
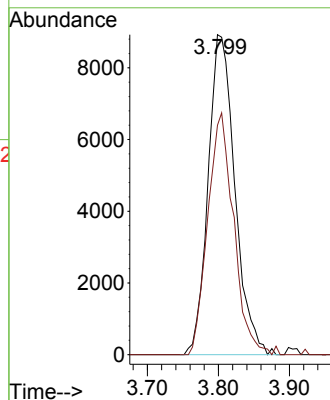
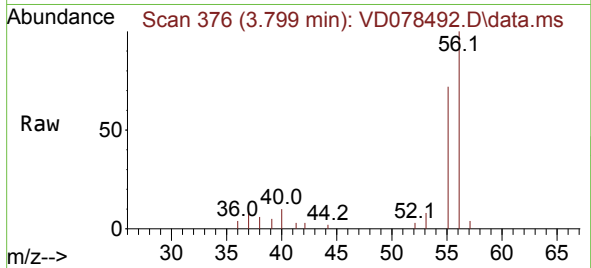




#13
Acrolein
Concen: 168.622 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

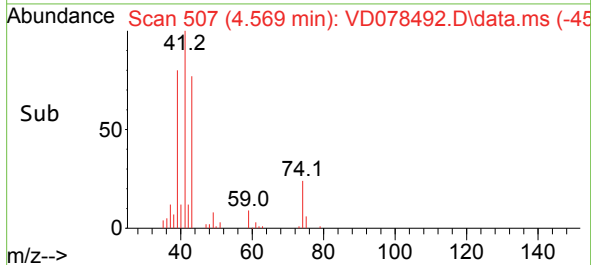
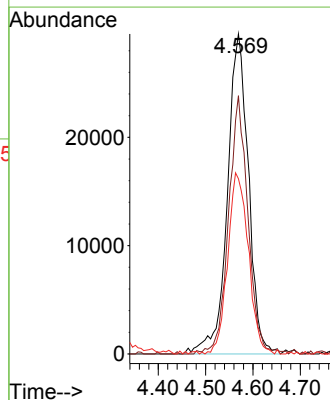
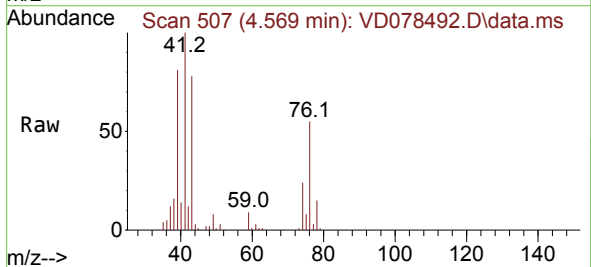
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

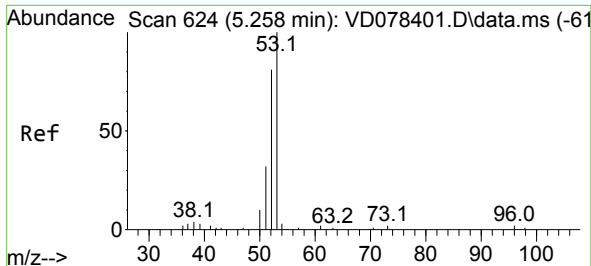
Tgt Ion: 56 Resp: 23327
Ion Ratio Lower Upper
56 100
55 73.1 55.1 82.7



#14
Allyl chloride
Concen: 49.021 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 41 Resp: 91429
Ion Ratio Lower Upper
41 100
39 74.3 53.8 80.6
76 55.5 45.8 68.8

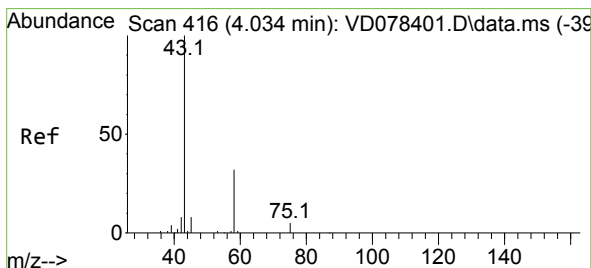
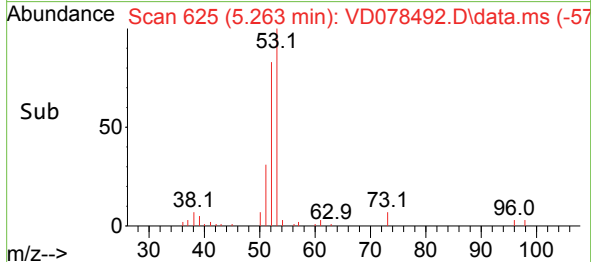
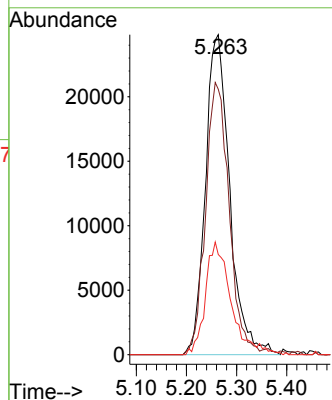
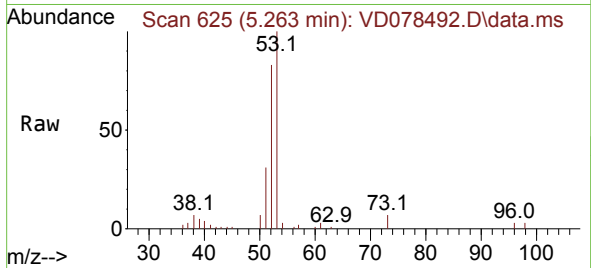




#15
Acrylonitrile
Concen: 261.838 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

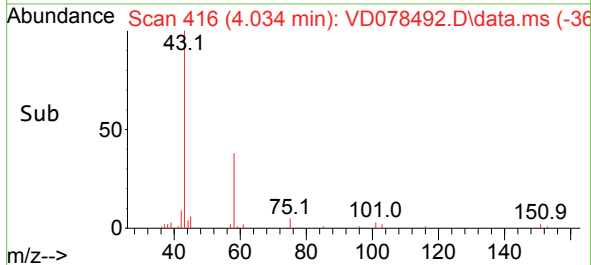
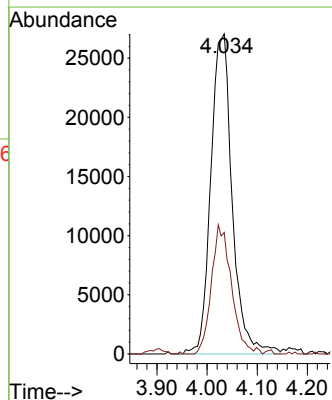
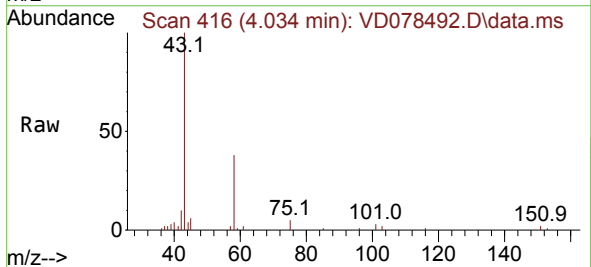
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

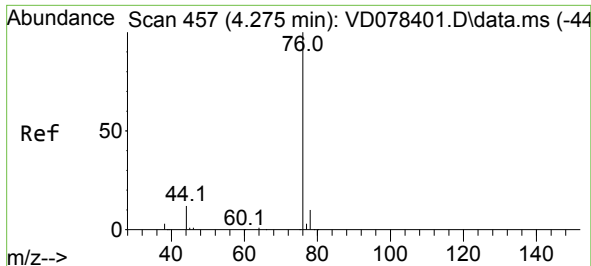
Tgt Ion: 53 Resp: 83339
Ion Ratio Lower Upper
53 100
52 82.8 65.0 97.4
51 37.1 28.3 42.5



#16
Acetone
Concen: 283.045 ug/l
RT: 4.034 min Scan# 416
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 43 Resp: 80283
Ion Ratio Lower Upper
43 100
58 38.0 34.7 52.1

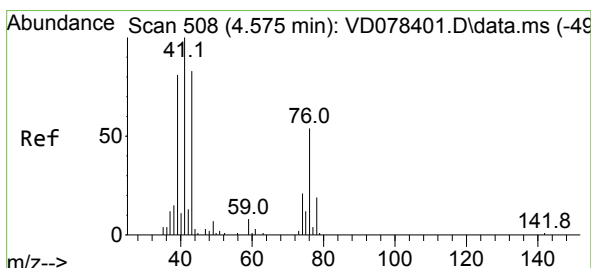
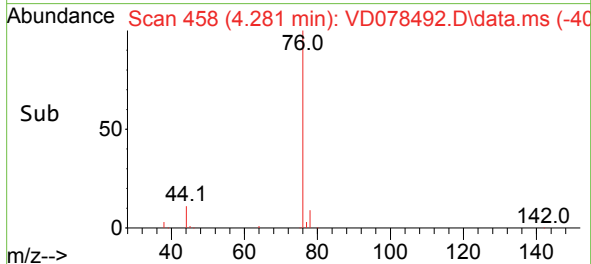
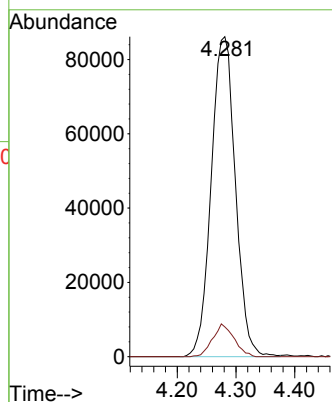
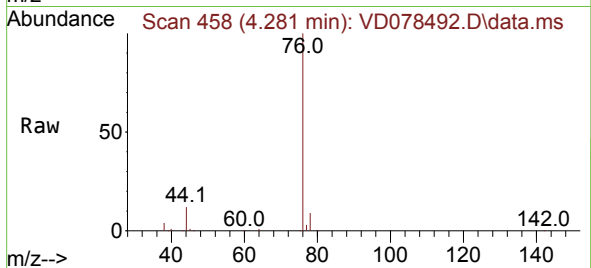




#17
Carbon Disulfide
Concen: 48.469 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

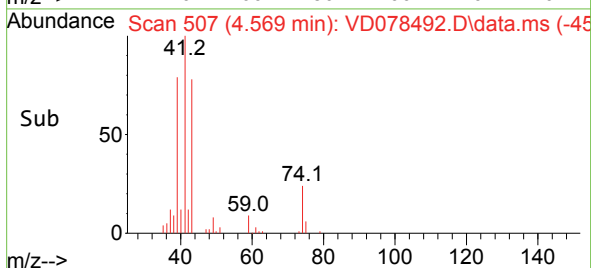
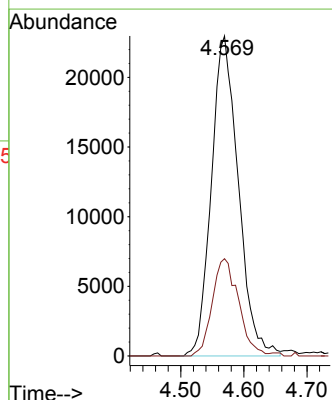
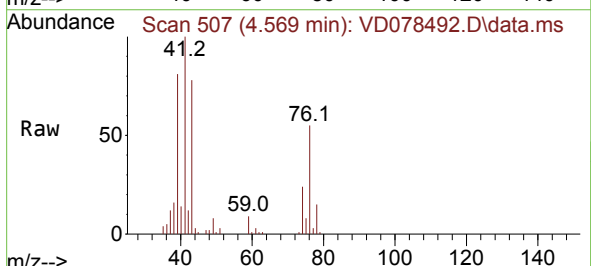
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

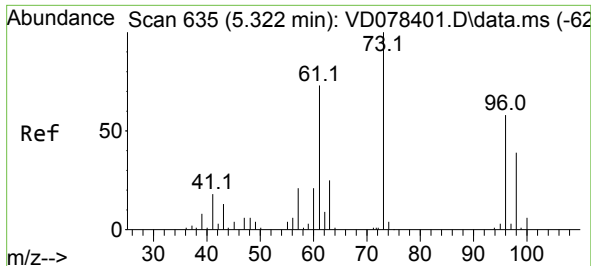
Tgt Ion: 76 Resp: 246234
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 61.527 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 43 Resp: 68133
Ion Ratio Lower Upper
43 100
74 29.7 26.4 39.6

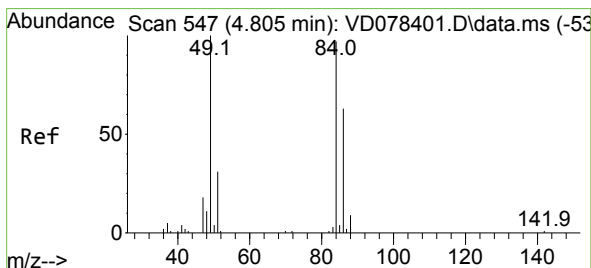
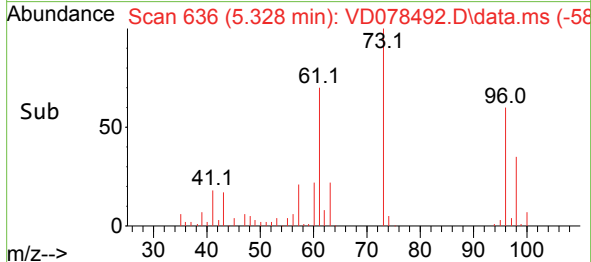
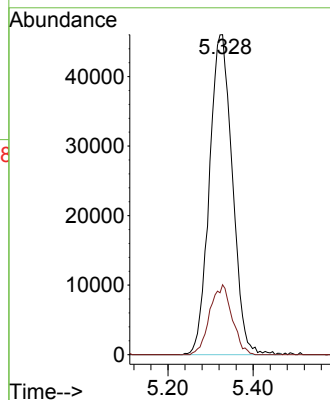
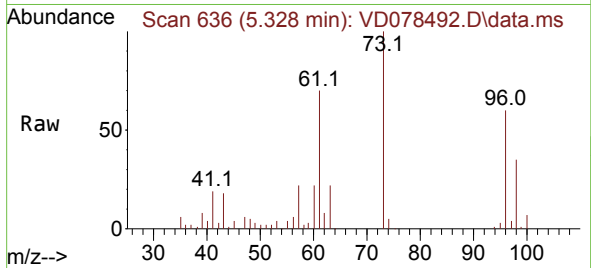




#19
Methyl tert-butyl Ether
Concen: 53.734 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

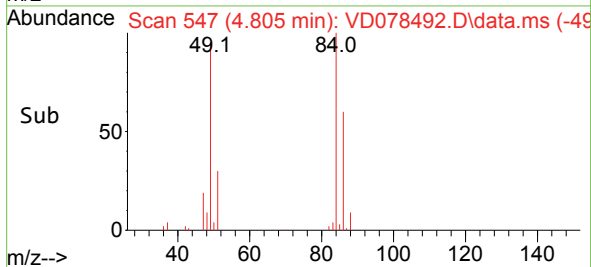
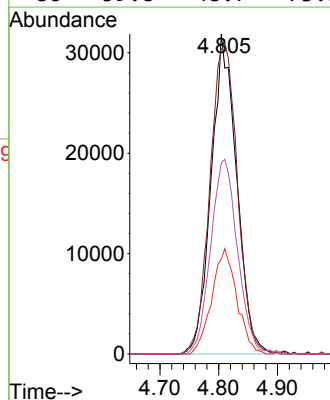
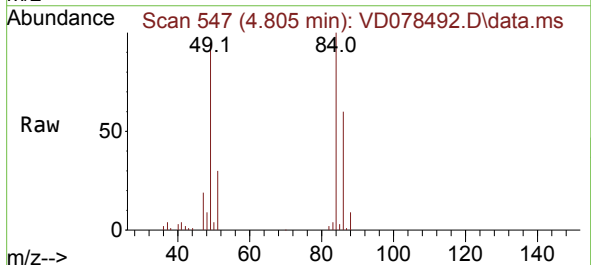
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

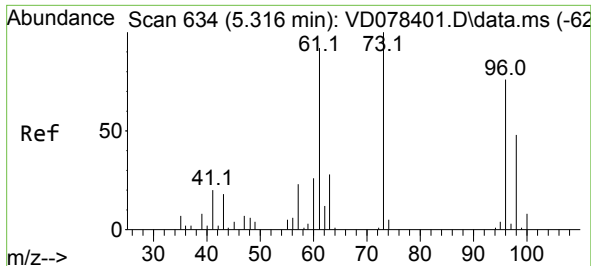
Tgt Ion: 73 Resp: 172359
Ion Ratio Lower Upper
73 100
57 21.9 16.6 25.0



#20
Methylene Chloride
Concen: 56.705 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 84 Resp: 95487
Ion Ratio Lower Upper
84 100
49 95.0 71.4 107.2
51 29.6 24.5 36.7
86 59.8 48.7 73.1

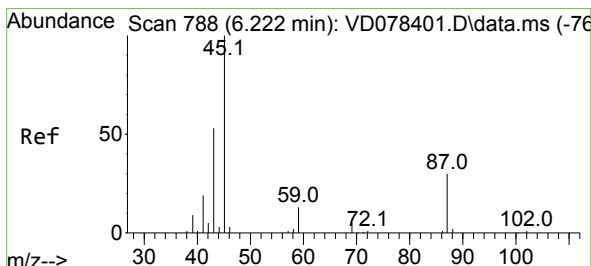
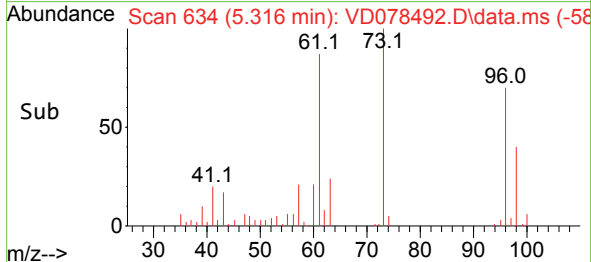
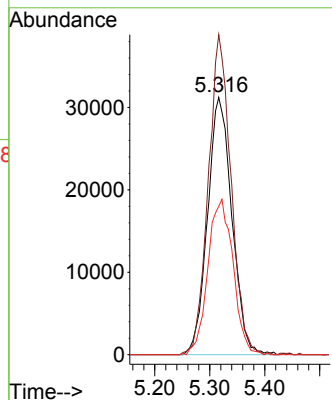
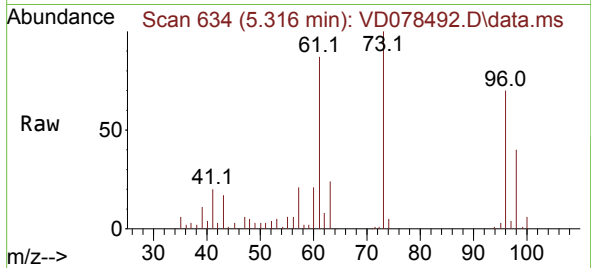




#21
trans-1,2-Dichloroethene
Concen: 54.169 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

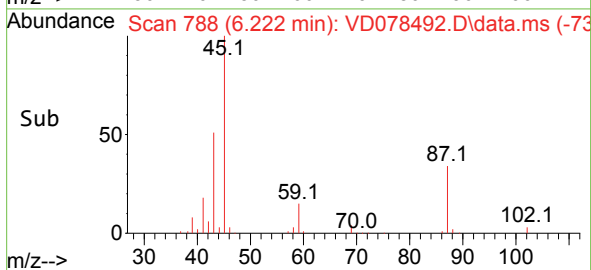
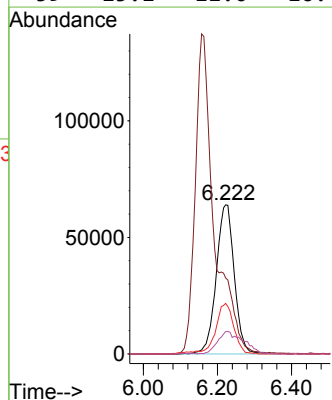
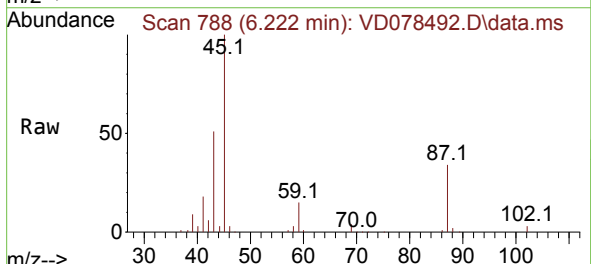
Instrument :
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ClientSampleId :
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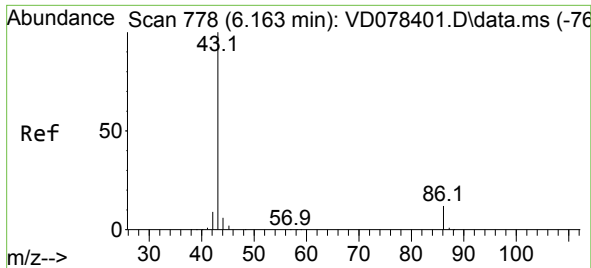
Tgt Ion: 96 Resp: 96210
Ion Ratio Lower Upper
96 100
61 124.4 89.3 133.9
98 57.7 48.6 73.0



#22
Diisopropyl ether
Concen: 52.710 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 45 Resp: 216683
Ion Ratio Lower Upper
45 100
43 50.4 40.0 60.0
87 33.5 28.2 42.4
59 15.1 11.0 16.4

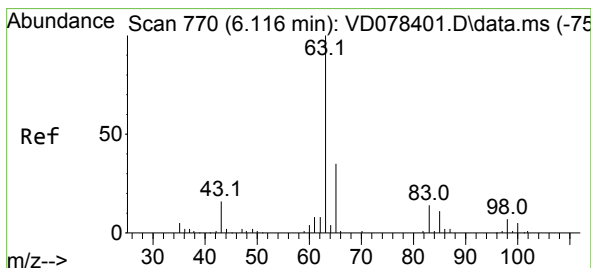
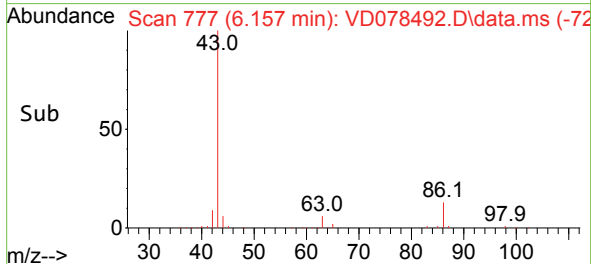
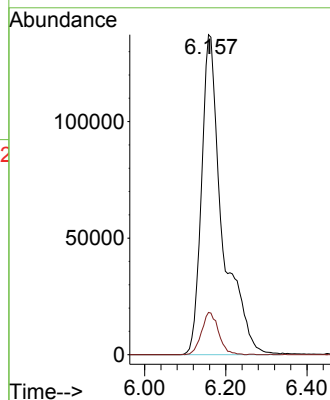
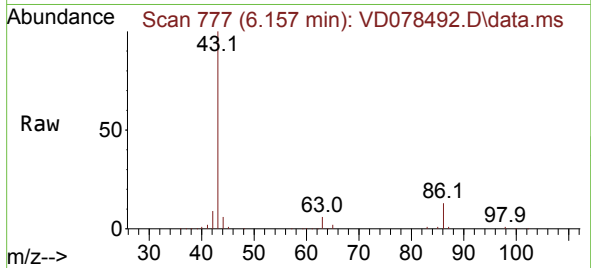




#23
 Vinyl Acetate
 Concen: 292.931 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VD078492.D
 Acq: 21 Feb 2024 10:12

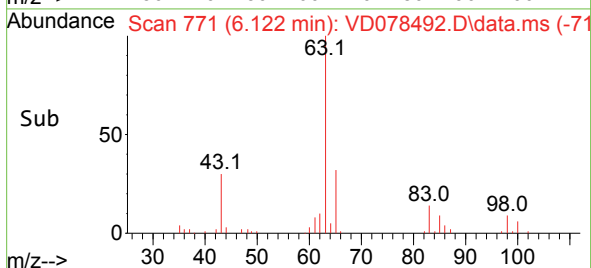
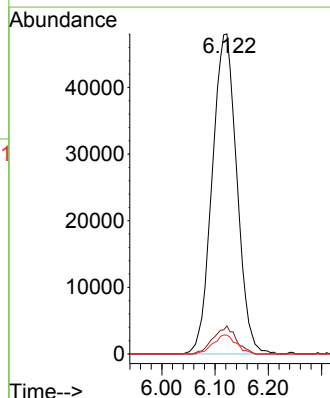
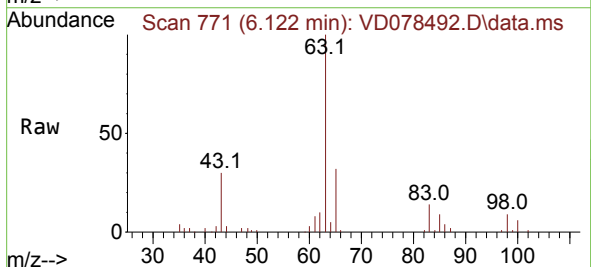
Instrument :
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 ClientSampleId :
 VSTDCCC050

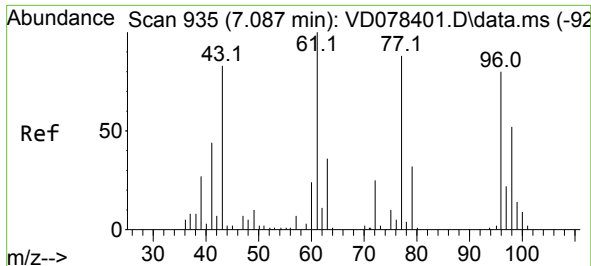
Tgt Ion: 43 Resp: 489480
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 52.943 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078492.D
 Acq: 21 Feb 2024 10:12

Tgt Ion: 63 Resp: 154178
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 5.9 2.5 7.5

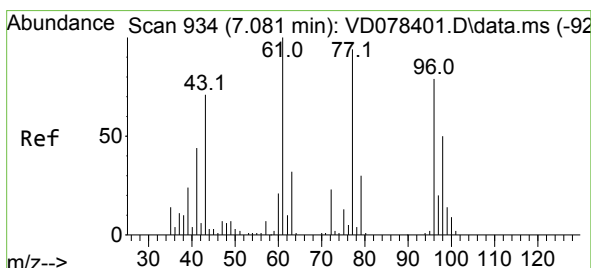
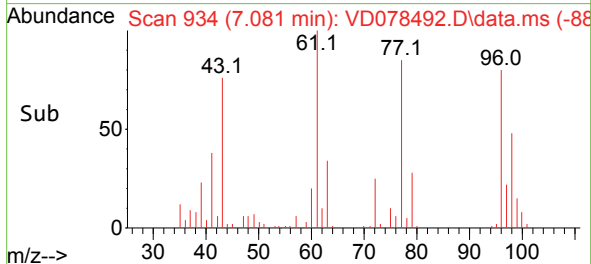
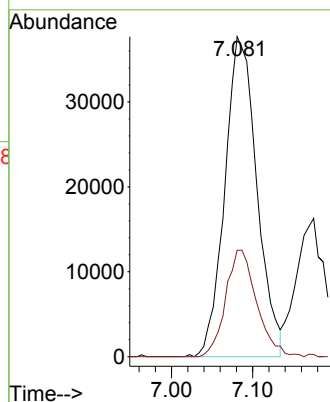
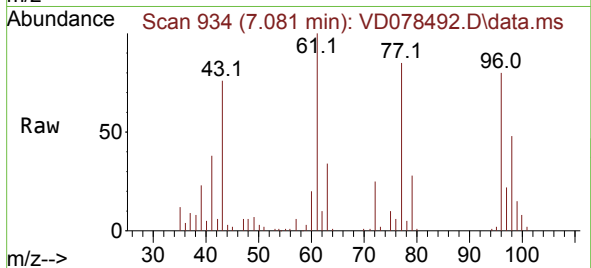




#25
2-Butanone
Concen: 274.096 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

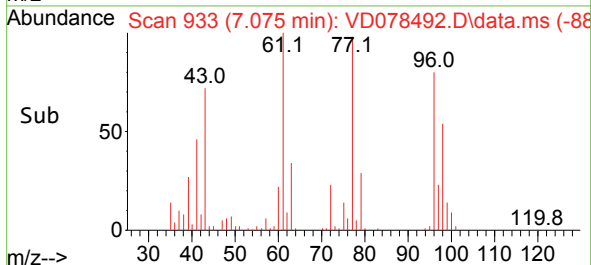
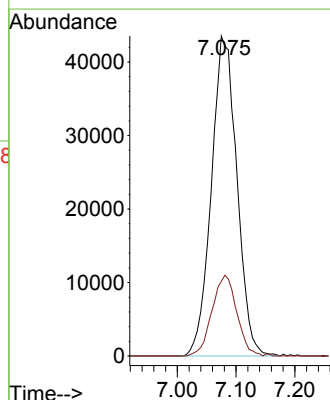
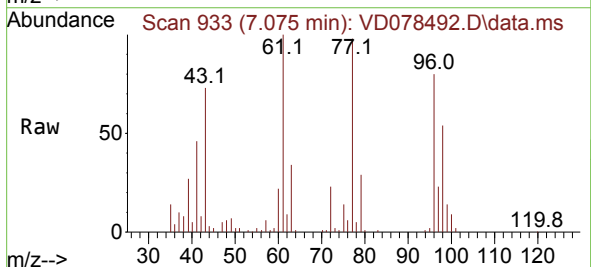
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

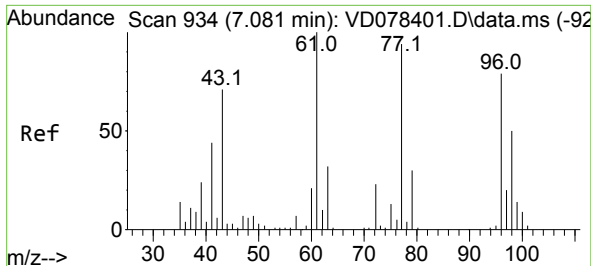
Tgt Ion: 43 Resp: 103417
Ion Ratio Lower Upper
43 100
72 33.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 53.797 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 77 Resp: 131333
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6

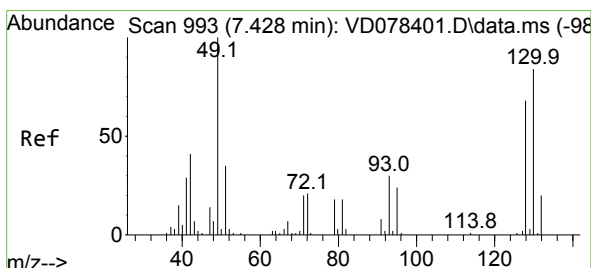
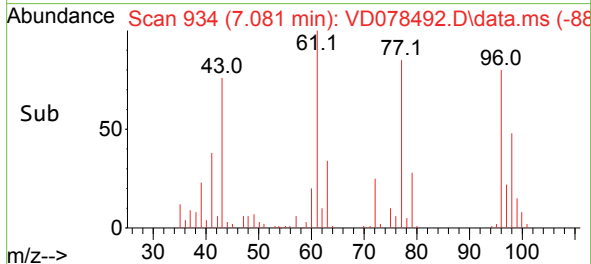
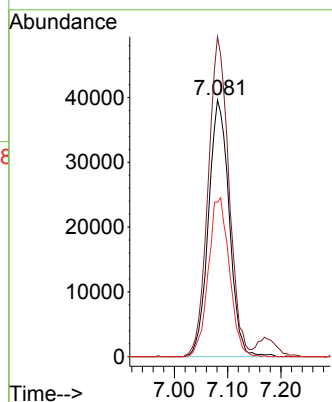
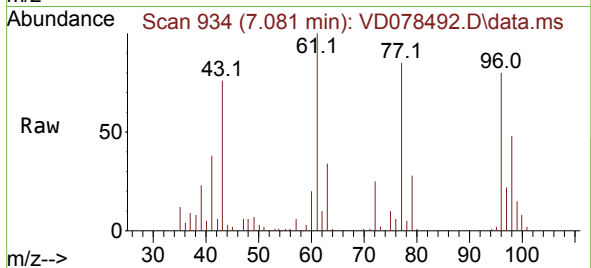




#27
 cis-1,2-Dichloroethene
 Concen: 54.891 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD078492.D
 Acq: 21 Feb 2024 10:12

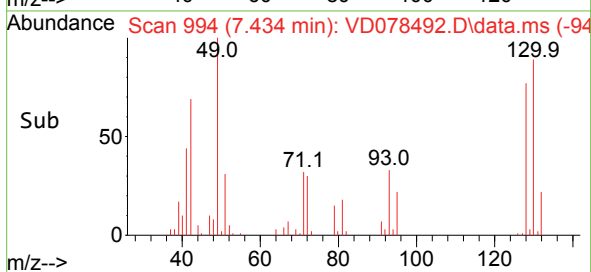
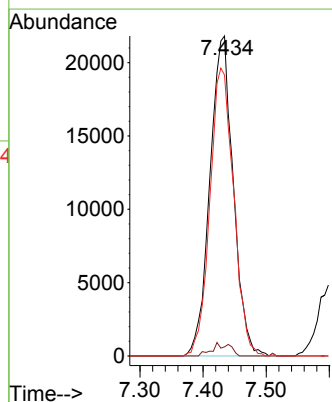
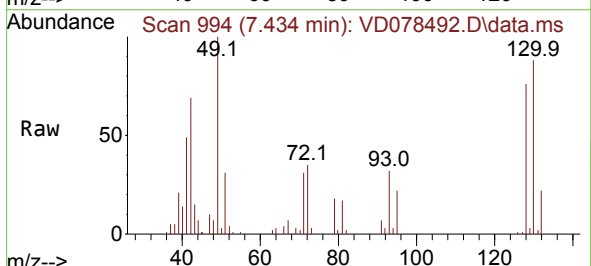
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

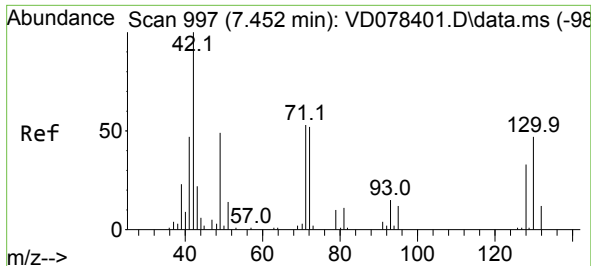
Tgt Ion: 96 Resp: 106962
 Ion Ratio Lower Upper
 96 100
 61 124.9 0.0 239.2
 98 63.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 48.600 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078492.D
 Acq: 21 Feb 2024 10:12

Tgt Ion: 49 Resp: 56057
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 6.0
 130 91.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 253.634 ug/l

RT: 7.451 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

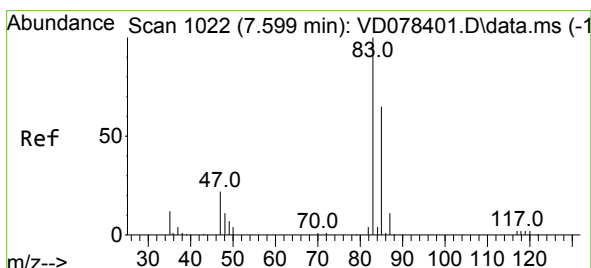
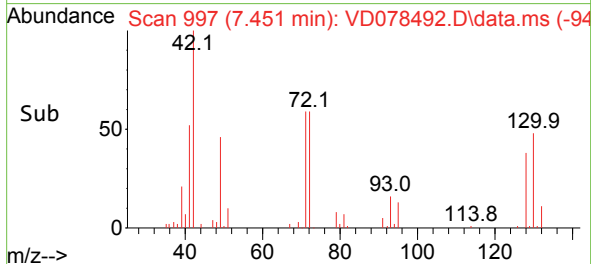
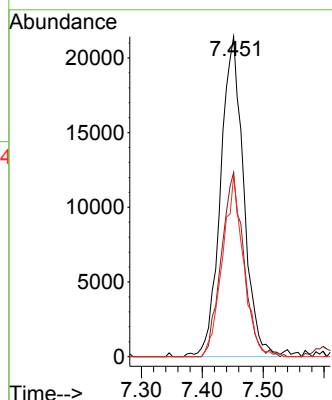
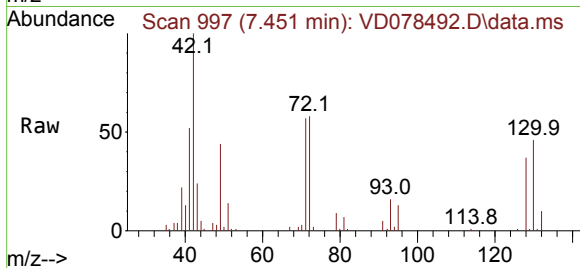
Tgt Ion: 42 Resp: 56483

Ion Ratio Lower Upper

42 100

72 56.0 46.5 69.7

71 51.8 44.5 66.7



#30

Chloroform

Concen: 54.017 ug/l

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078492.D

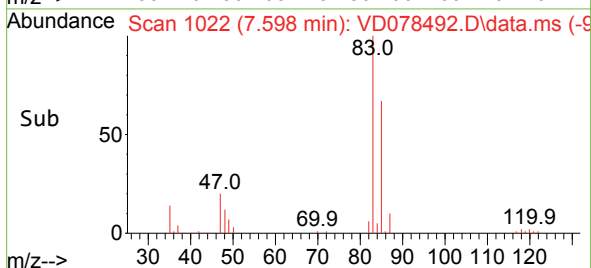
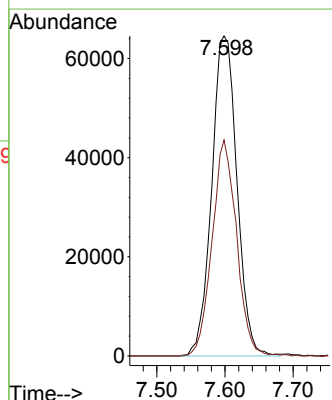
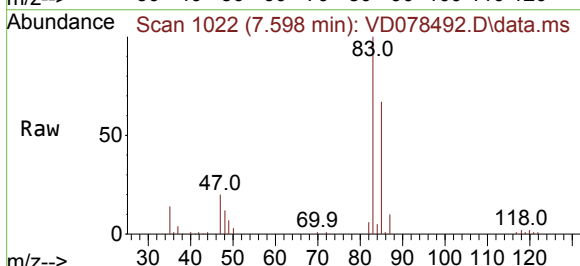
Acq: 21 Feb 2024 10:12

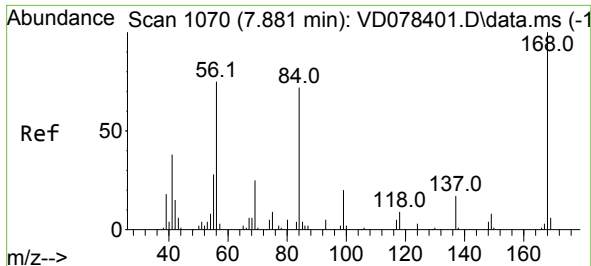
Tgt Ion: 83 Resp: 166435

Ion Ratio Lower Upper

83 100

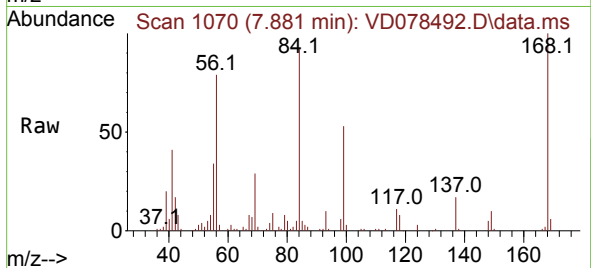
85 67.4 53.4 80.2



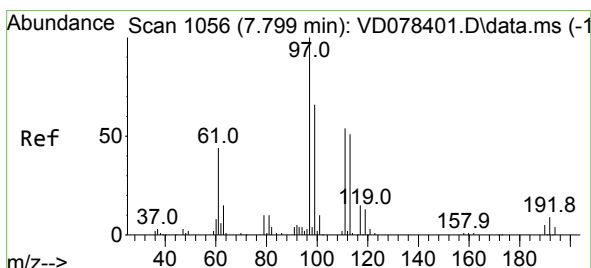
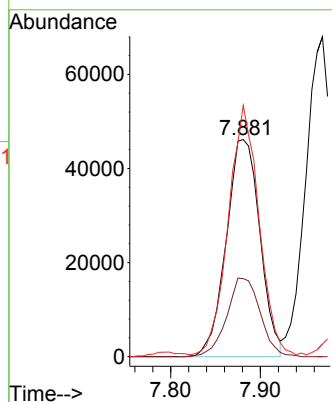
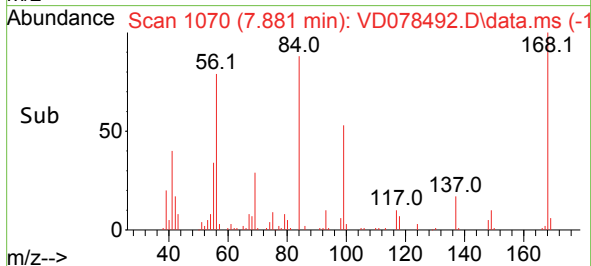


#31
Cyclohexane
Concen: 47.479 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

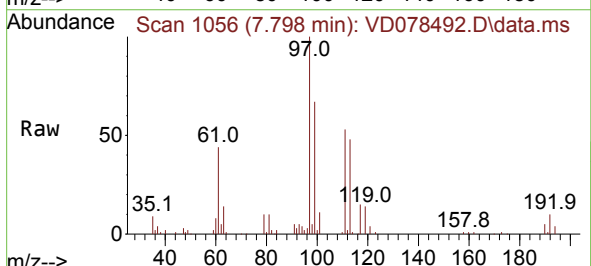
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



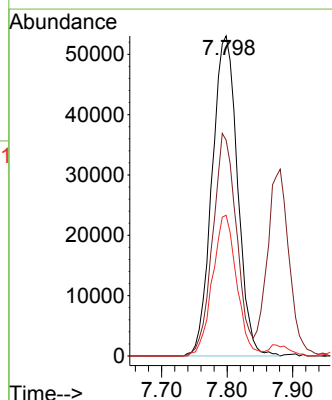
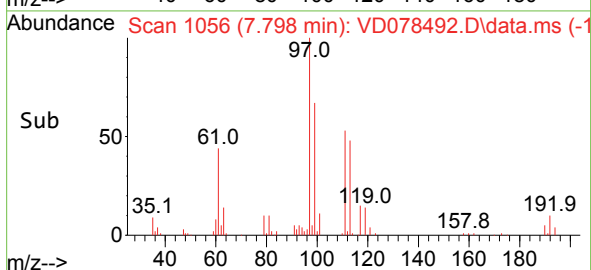
Tgt Ion: 56 Resp: 120269
Ion Ratio Lower Upper
56 100
69 36.0 28.6 43.0
84 114.2 84.8 127.2

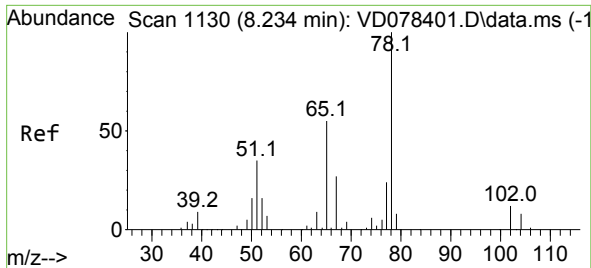


#32
1,1,1-Trichloroethane
Concen: 54.398 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12



Tgt Ion: 97 Resp: 142901
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 42.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.826 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

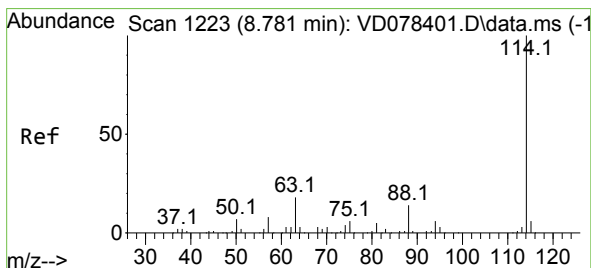
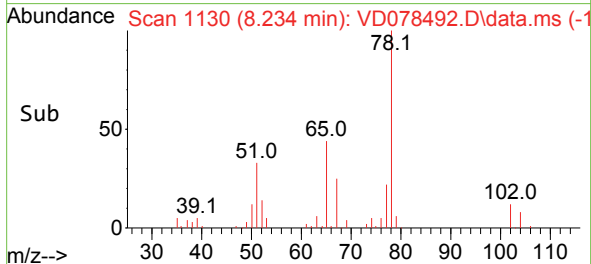
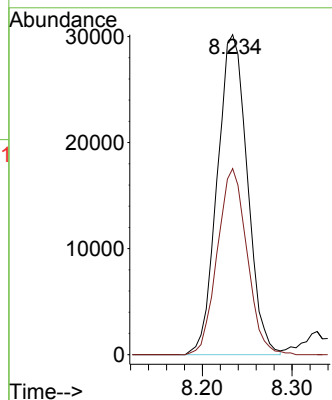
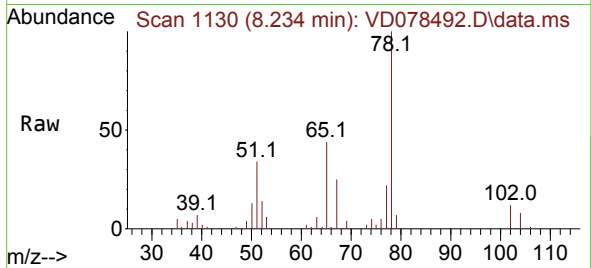
VSTDCCC050

Tgt Ion: 65 Resp: 70120

Ion Ratio Lower Upper

65 100

67 57.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

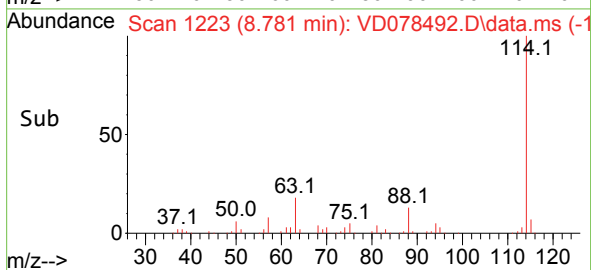
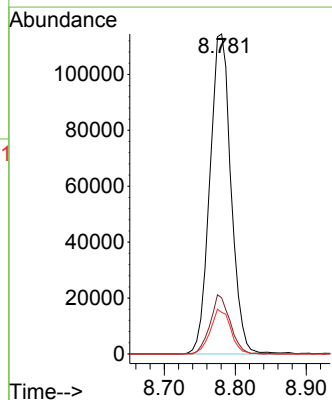
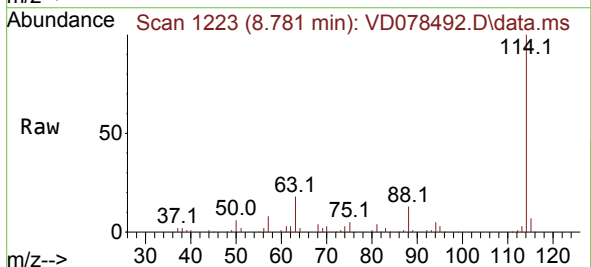
Tgt Ion: 114 Resp: 237078

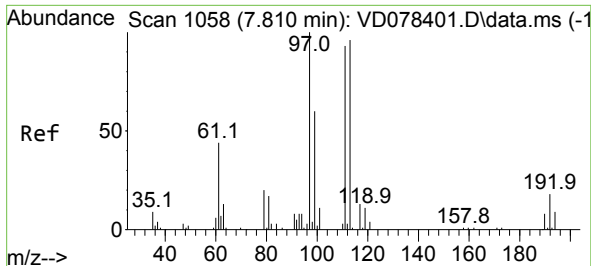
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.0 0.0 26.2

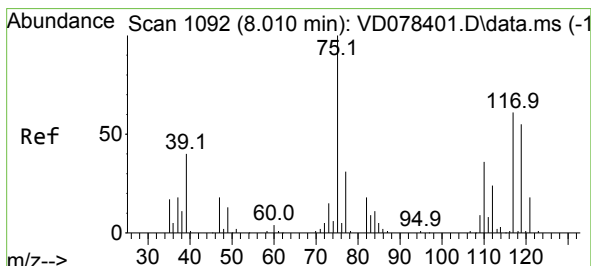
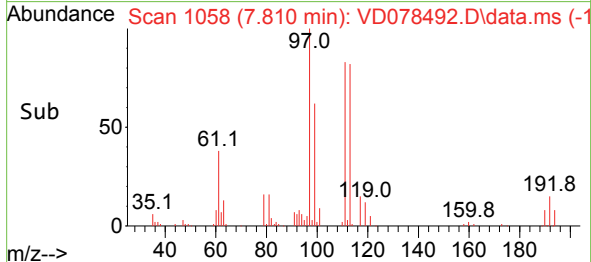
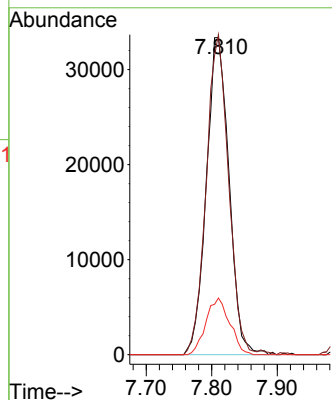
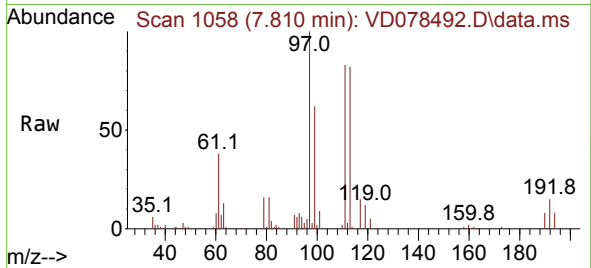




#35
Dibromofluoromethane
Concen: 53.349 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

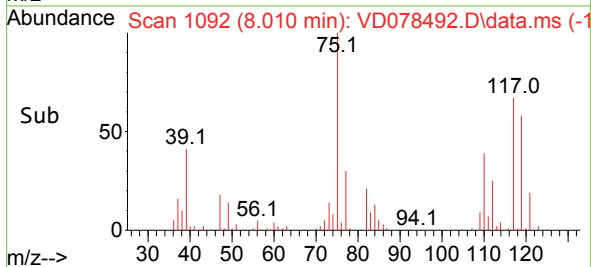
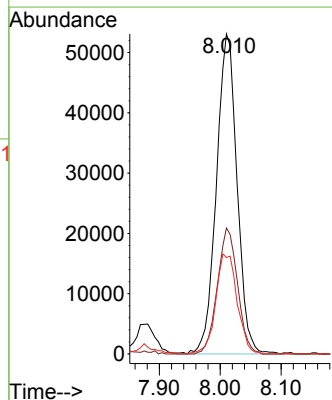
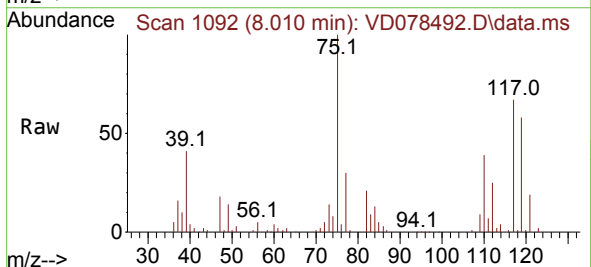
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

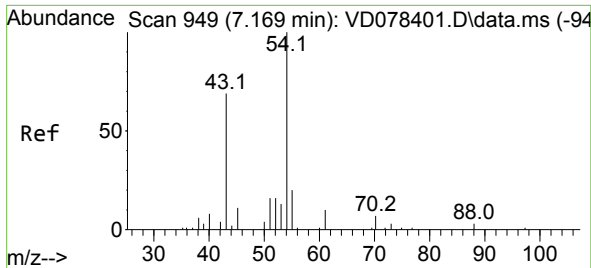
Tgt Ion:113 Resp: 80342
Ion Ratio Lower Upper
113 100
111 99.1 84.7 127.1
192 18.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 53.516 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 75 Resp: 125201
Ion Ratio Lower Upper
75 100
110 38.4 19.9 59.6
77 32.3 24.7 37.1

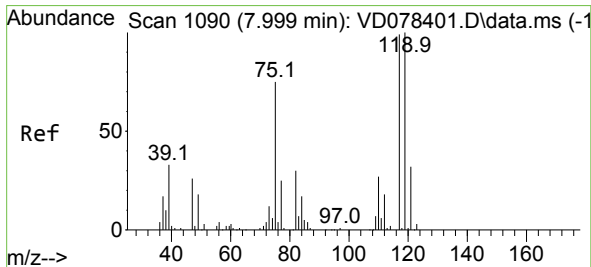
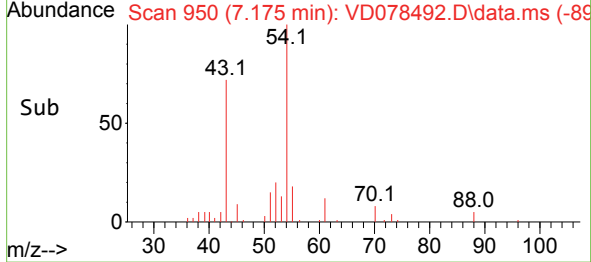
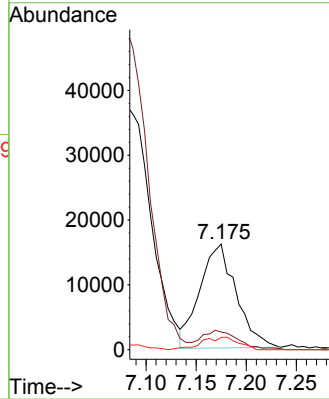
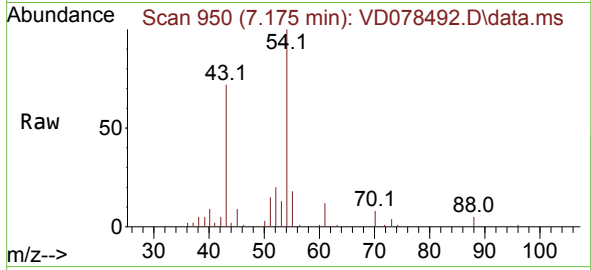




#37
Ethyl Acetate
Concen: 49.341 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

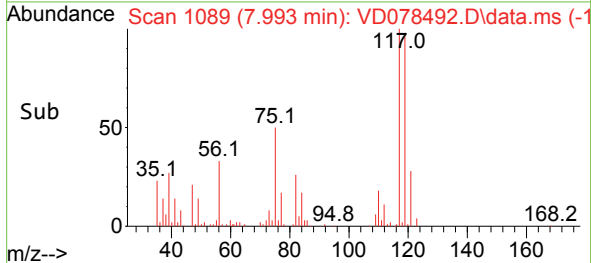
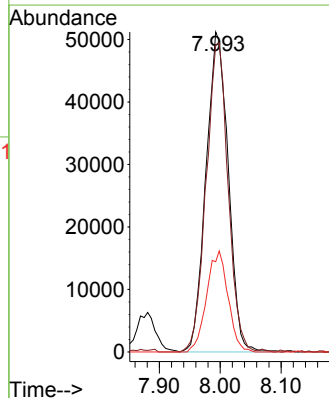
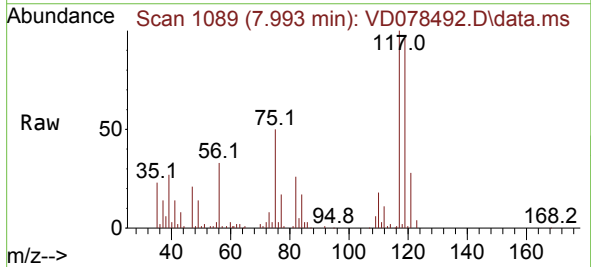
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

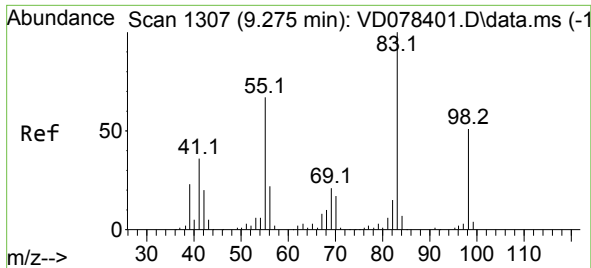
Tgt Ion:	43	Resp:	40464
Ion Ratio	Lower	Upper	
43	100		
61	18.3	14.9	22.3
70	12.2	10.0	15.0



#38
Carbon Tetrachloride
Concen: 56.183 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion:	117	Resp:	130167
Ion Ratio	Lower	Upper	
117	100		
119	95.9	78.0	117.0
121	28.2	24.2	36.2

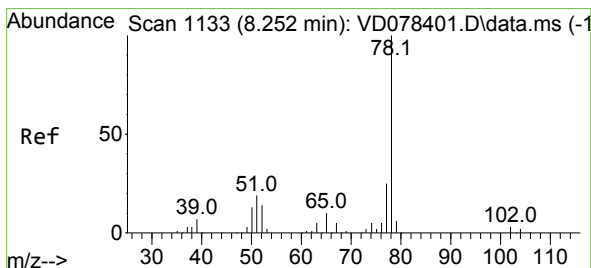
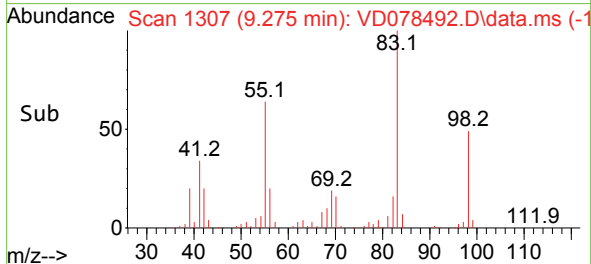
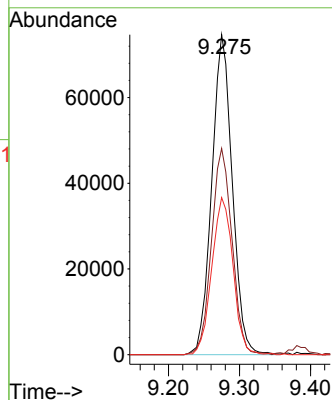
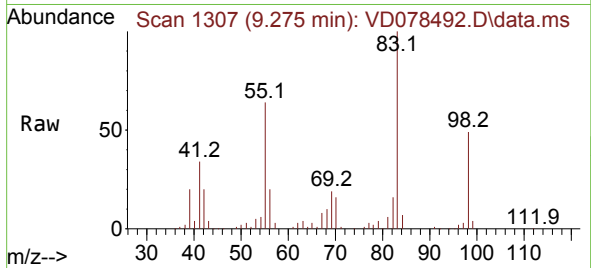




#39
Methylcyclohexane
Concen: 53.838 ug/l
RT: 9.275 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

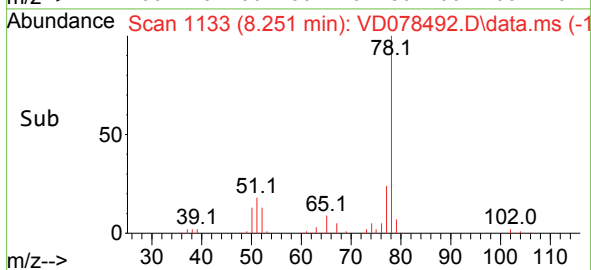
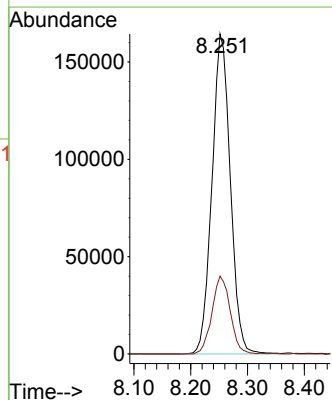
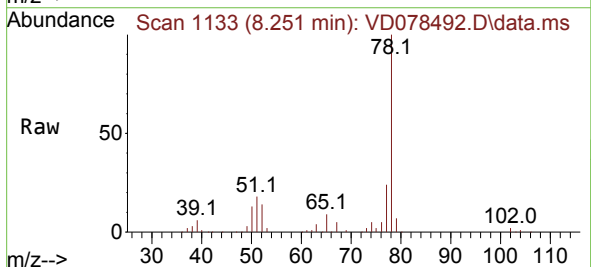
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

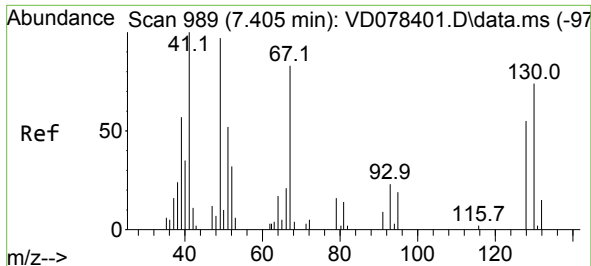
Tgt Ion: 83 Resp: 149526
Ion Ratio Lower Upper
83 100
55 64.5 49.4 74.0
98 49.1 38.4 57.6



#40
Benzene
Concen: 54.506 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 78 Resp: 368580
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0



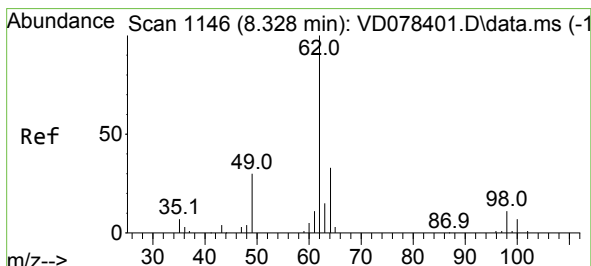
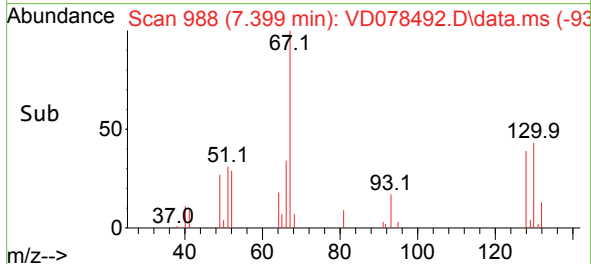
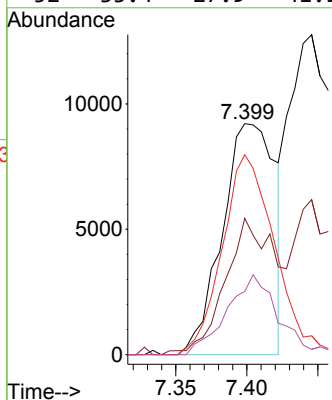
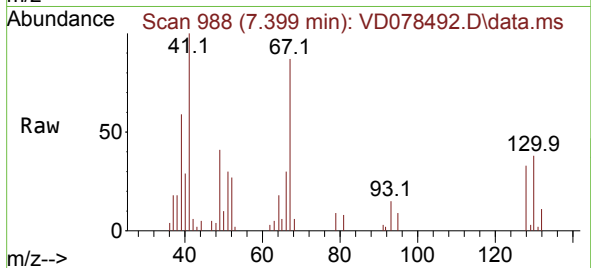


#41
Methacrylonitrile
Concen: 55.883 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 23851

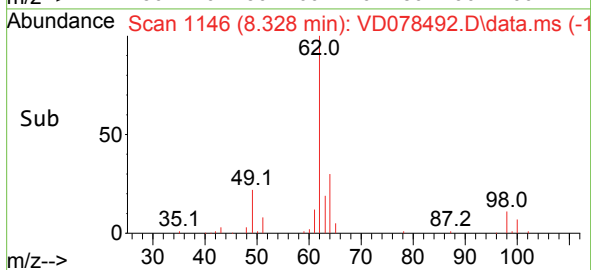
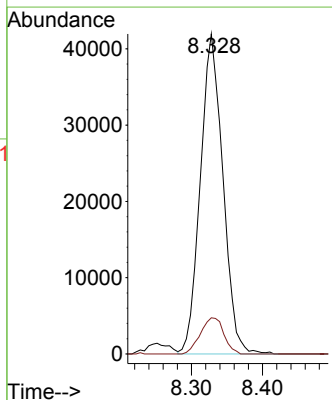
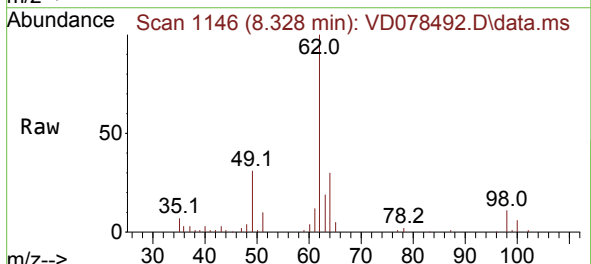
Ion	Ratio	Lower	Upper
41	100		
39	57.4	34.0	51.0#
67	86.4	77.0	115.4
52	33.4	27.9	41.9

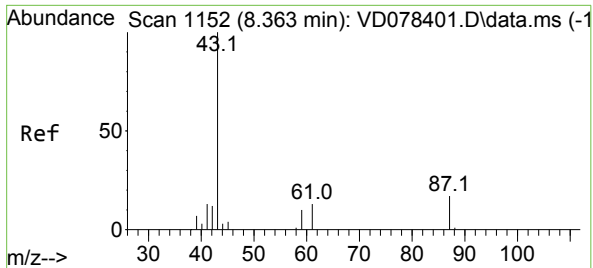


#42
1,2-Dichloroethane
Concen: 52.972 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 62 Resp: 92685

Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	25.4

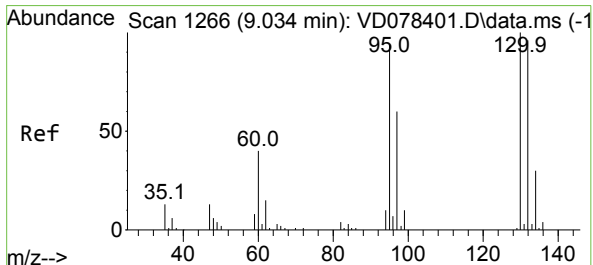
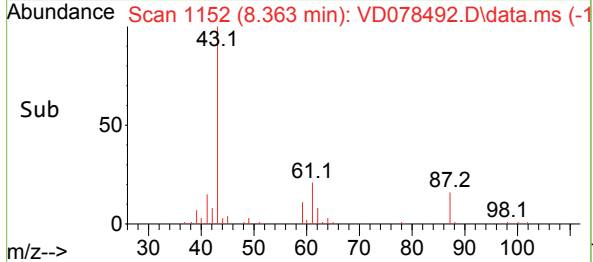
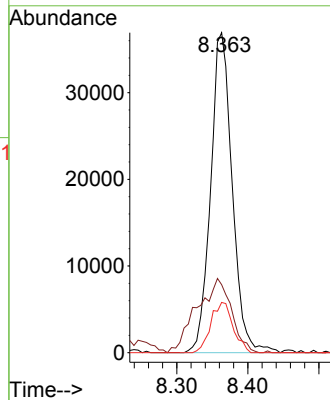
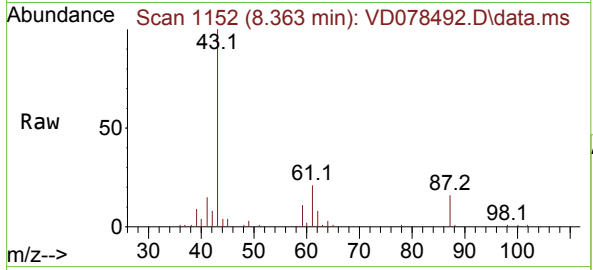




#43
Isopropyl Acetate
Concen: 51.304 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

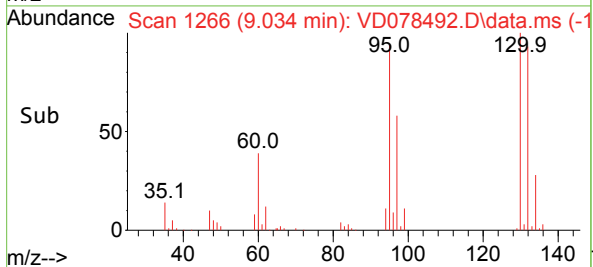
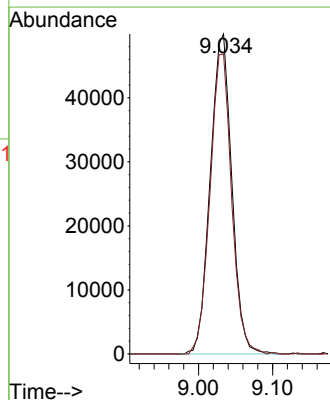
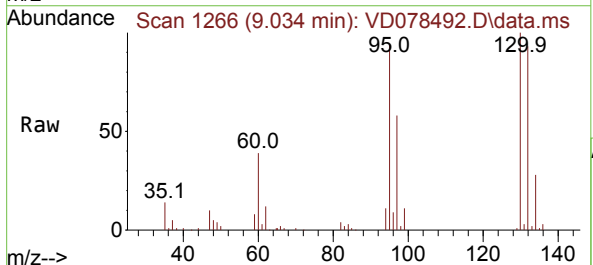
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

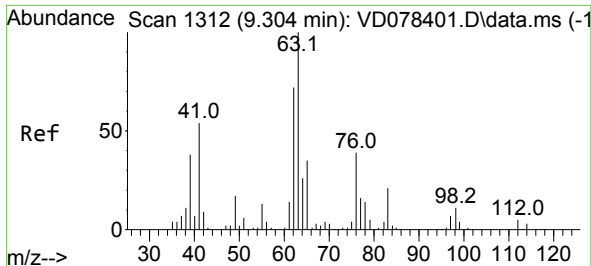
Tgt Ion: 43	Resp: 77911
Ion Ratio	Lower Upper
43	100
61	36.9 31.4 47.0
87	16.1 14.9 22.3



#44
Trichloroethene
Concen: 58.441 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 130	Resp: 100818
Ion Ratio	Lower Upper
130	100
95	93.7 0.0 179.2

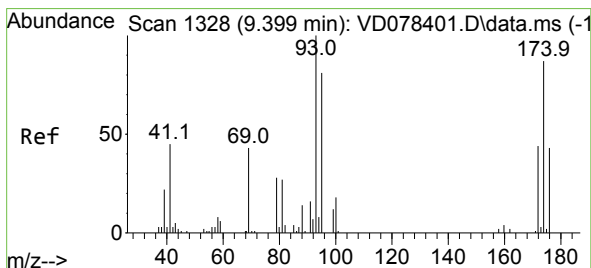
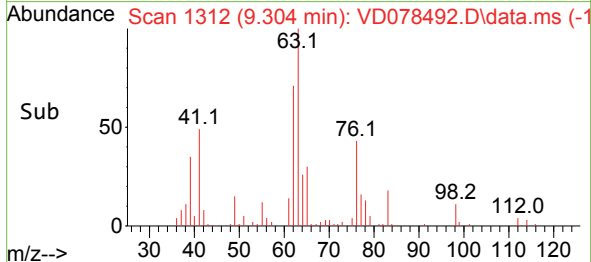
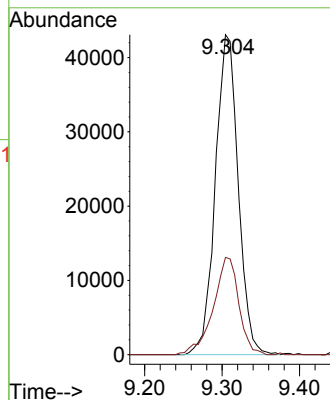
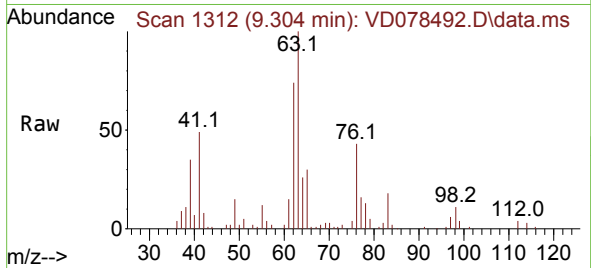




#45
1,2-Dichloropropane
Concen: 53.309 ug/l
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

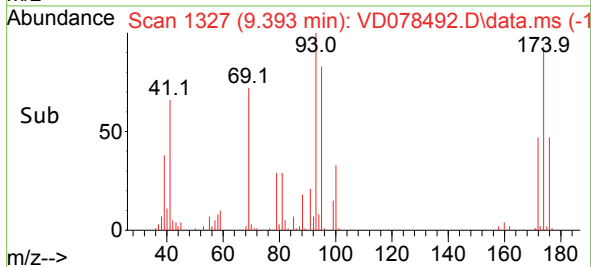
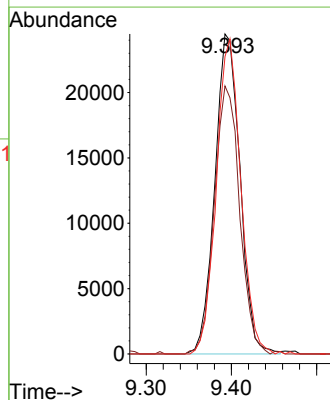
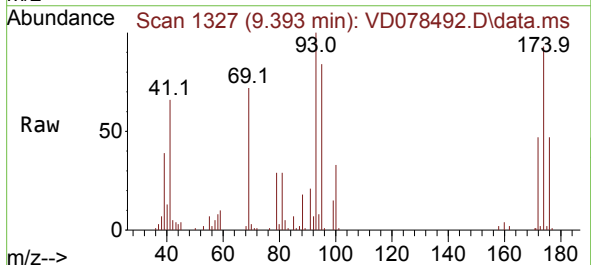
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

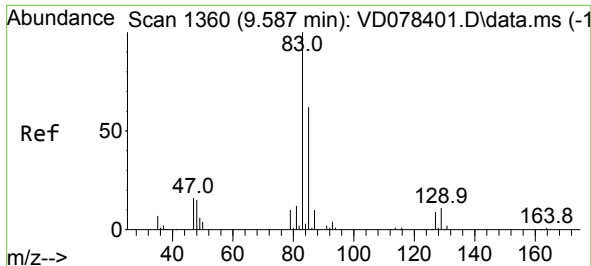
Tgt Ion: 63 Resp: 88446
Ion Ratio Lower Upper
63 100
65 29.9 24.5 36.7



#46
Dibromomethane
Concen: 53.971 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 93 Resp: 50366
Ion Ratio Lower Upper
93 100
95 84.2 67.7 101.5
174 96.1 85.4 128.2

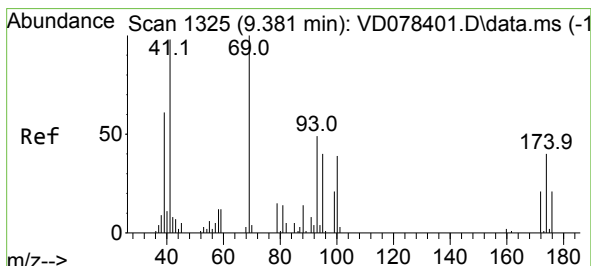
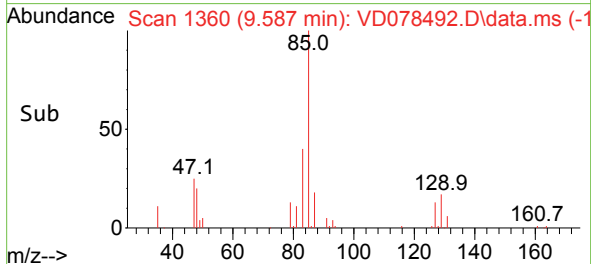
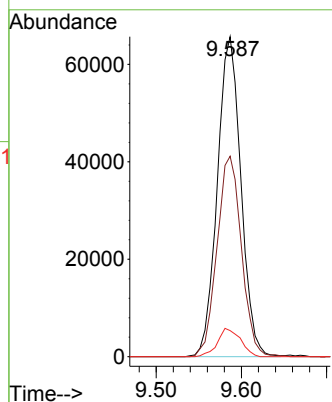
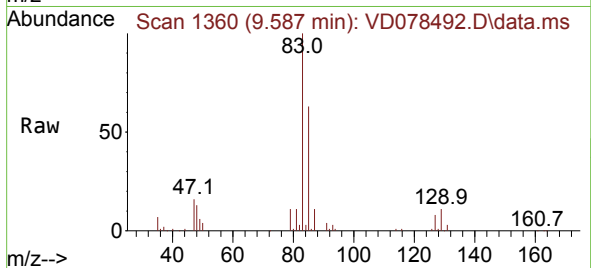




#47
Bromodichloromethane
Concen: 54.634 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

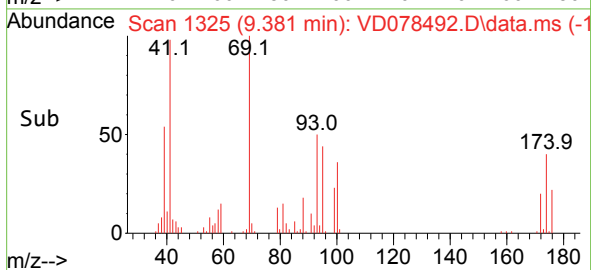
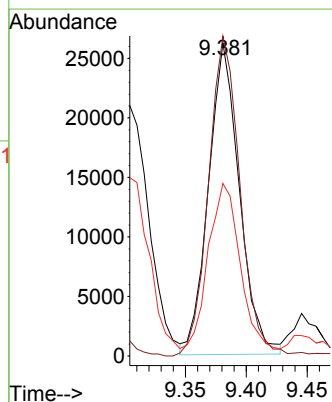
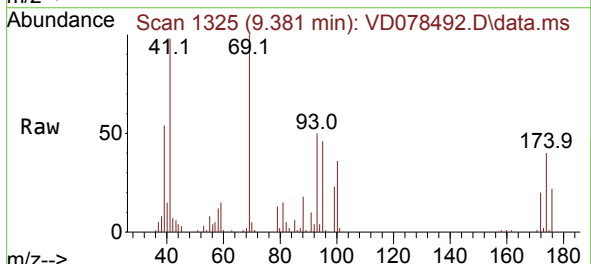
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

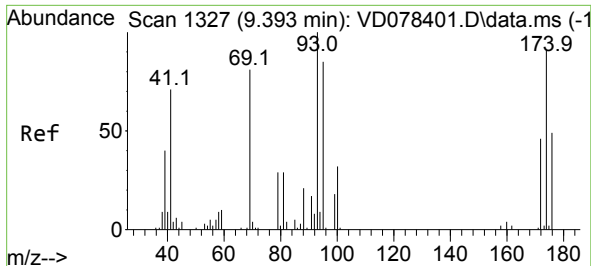
Tgt Ion: 83 Resp: 126281
Ion Ratio Lower Upper
83 100
85 62.6 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 57.421 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 41 Resp: 46263
Ion Ratio Lower Upper
41 100
69 104.1 102.2 153.2
39 59.6 41.4 62.2





#49

1,4-Dioxane

Concen: 1139.594 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

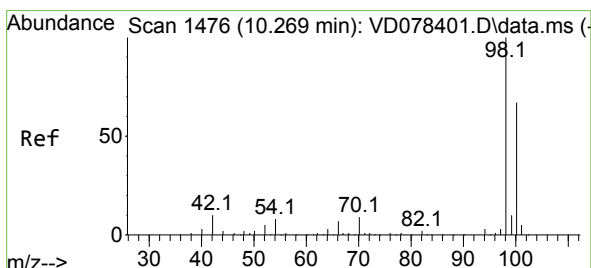
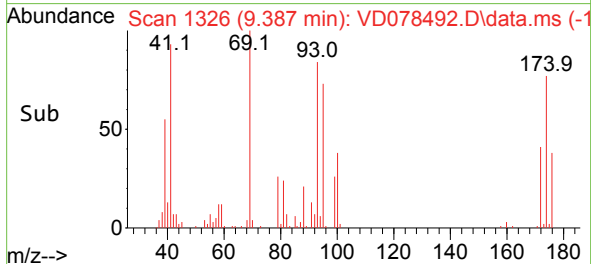
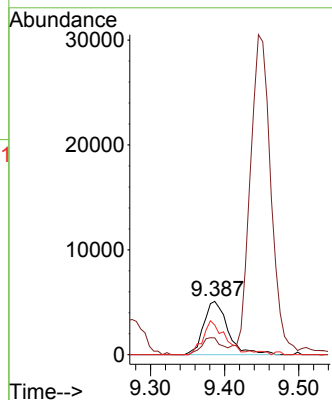
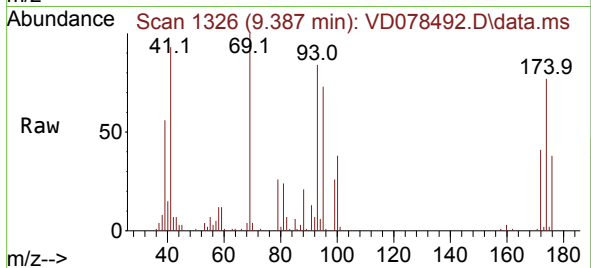
Tgt Ion: 88 Resp: 11517

Ion Ratio Lower Upper

88 100

43 26.7 19.0 28.6

58 56.9 43.5 65.3



#50

Toluene-d8

Concen: 51.111 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078492.D

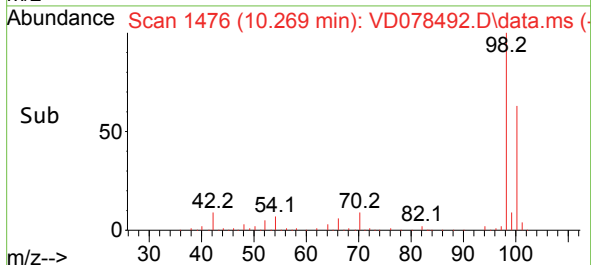
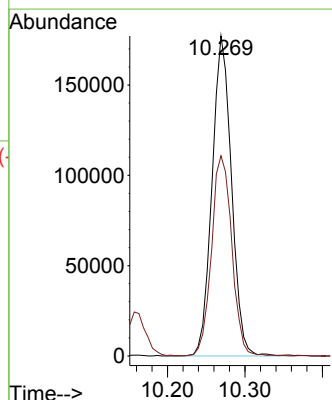
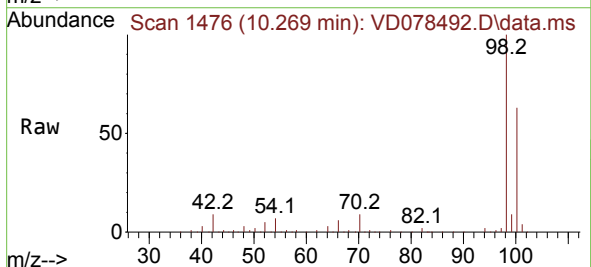
Acq: 21 Feb 2024 10:12

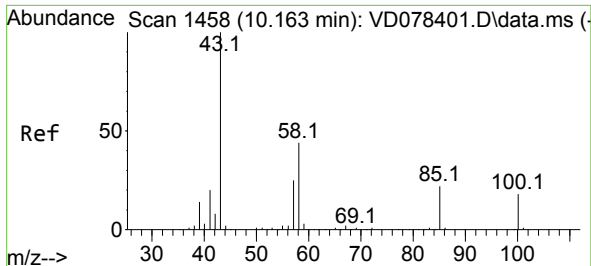
Tgt Ion: 98 Resp: 307903

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

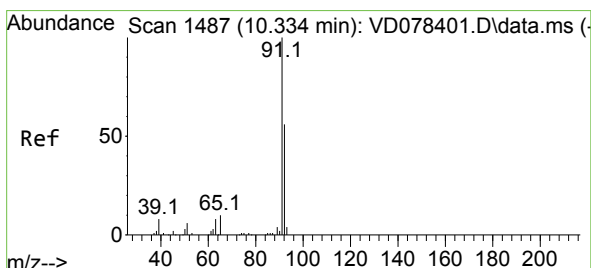
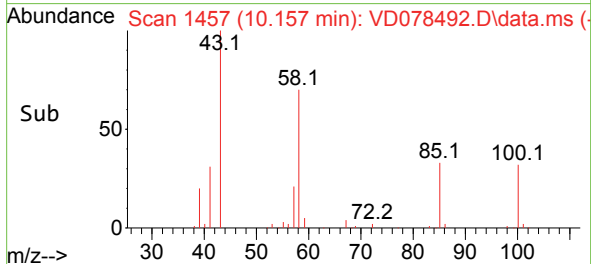
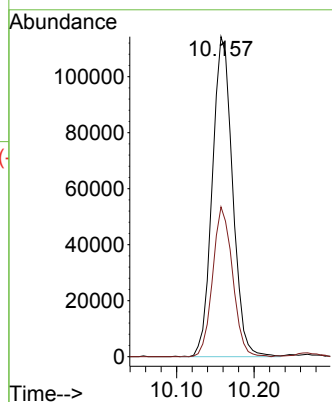
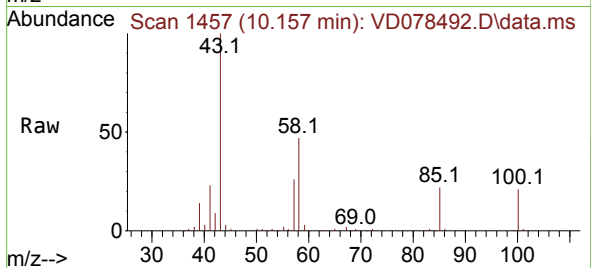




#51
4-Methyl-2-Pentanone
Concen: 257.915 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

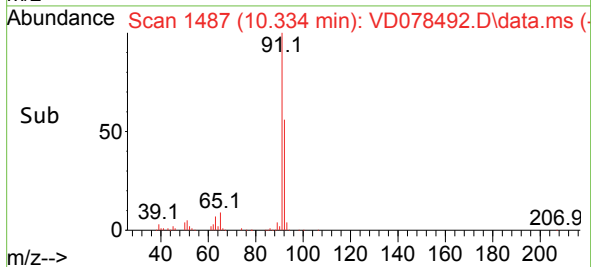
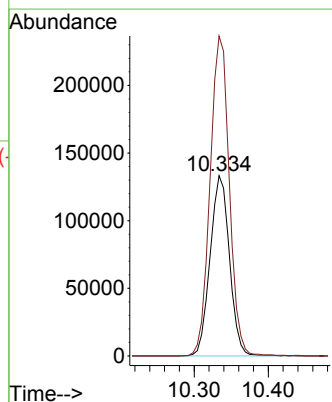
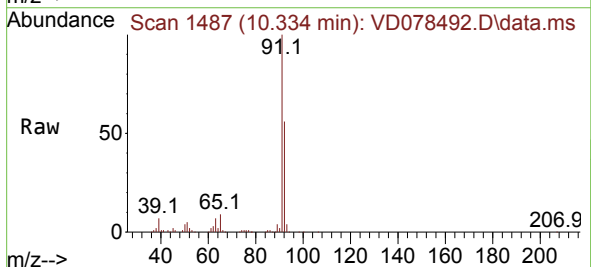
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

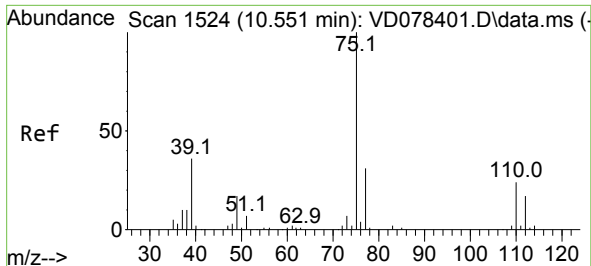
Tgt Ion: 43 Resp: 207880
Ion Ratio Lower Upper
43 100
58 45.8 38.9 58.3



#52
Toluene
Concen: 56.383 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 92 Resp: 241106
Ion Ratio Lower Upper
92 100
91 176.7 143.0 214.4

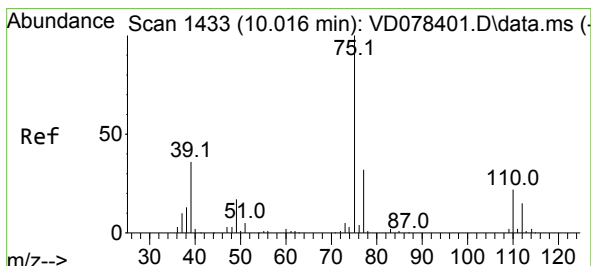
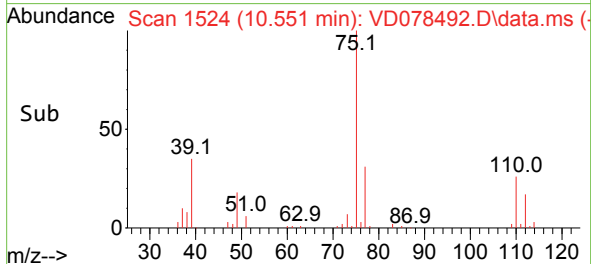
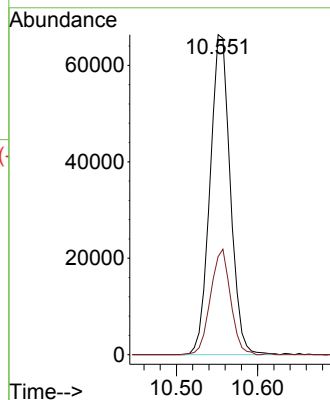
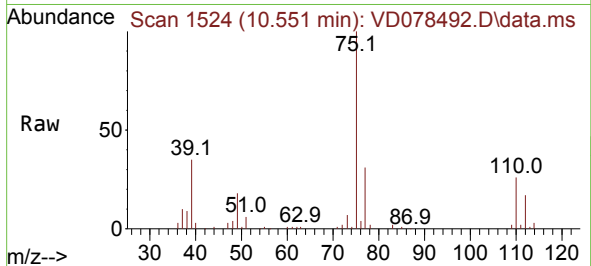




#53
t-1,3-Dichloropropene
Concen: 54.505 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

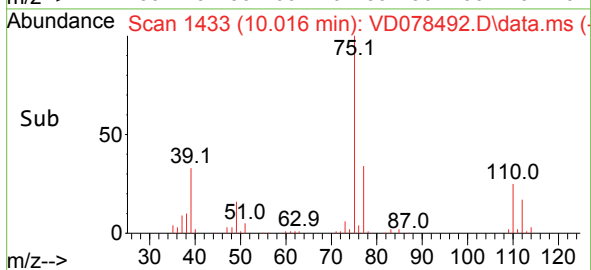
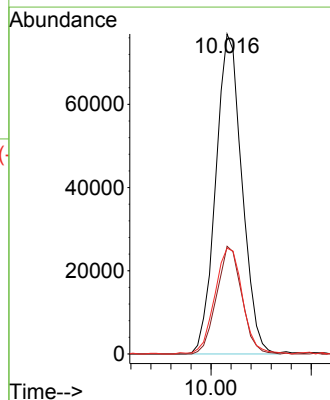
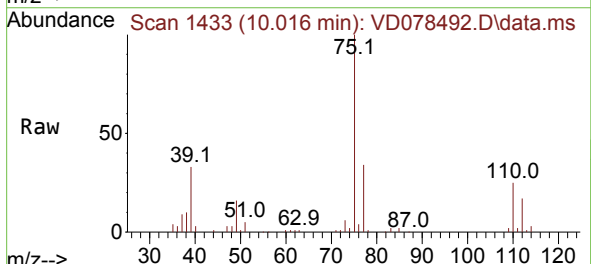
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

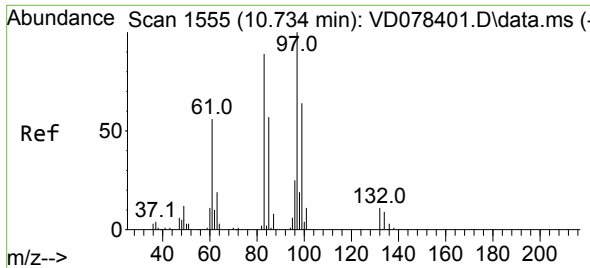
Tgt Ion: 75 Resp: 114956
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 54.656 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 75 Resp: 139779
Ion Ratio Lower Upper
75 100
77 33.7 25.5 38.3
39 32.7 22.1 33.1

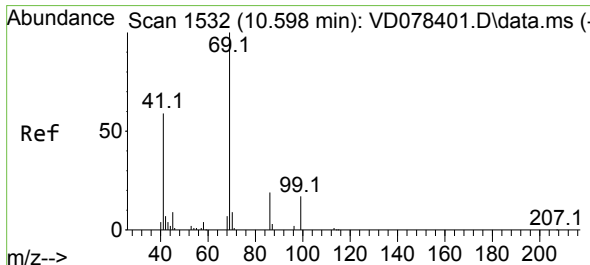
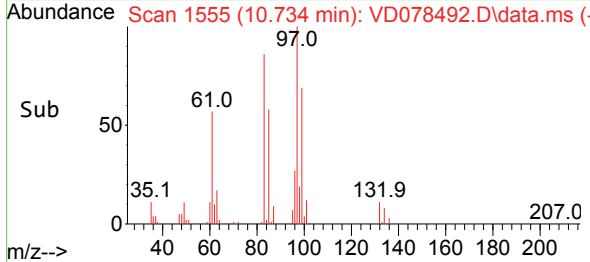
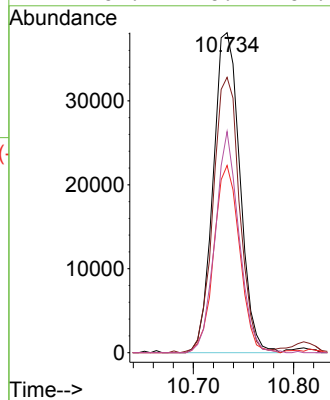
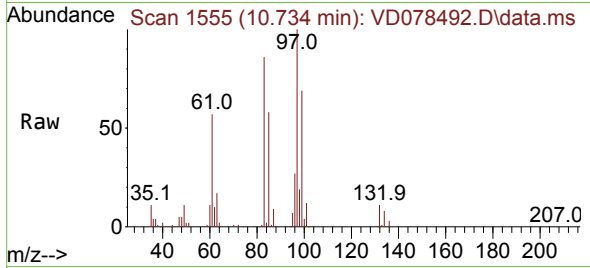




#55
1,1,2-Trichloroethane
Concen: 56.109 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

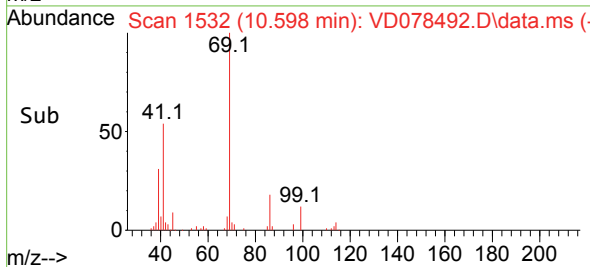
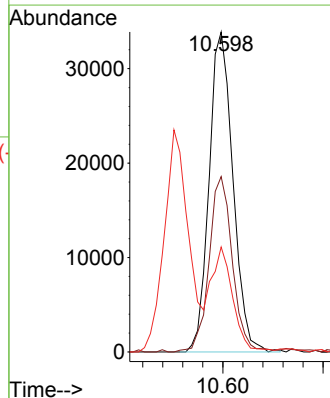
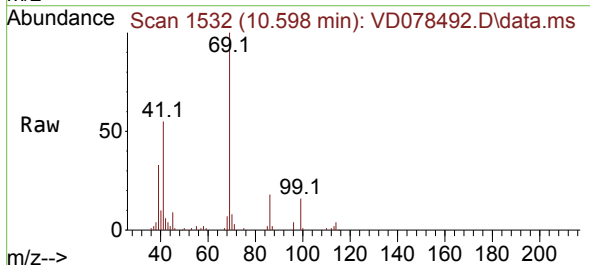
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

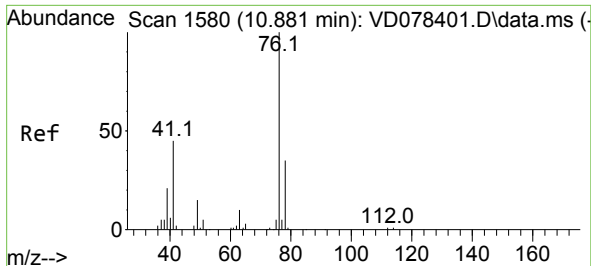
Tgt Ion: 97	Resp: 70514
Ion Ratio	Lower Upper
97 100	
83 86.0	65.8 98.6
85 58.5	45.7 68.5
99 69.1	46.2 69.4



#56
Ethyl methacrylate
Concen: 48.202 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 69	Resp: 56026
Ion Ratio	Lower Upper
69 100	
41 53.5	39.1 58.7
39 28.9	20.0 30.0





#57

1,3-Dichloropropane

Concen: 54.200 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

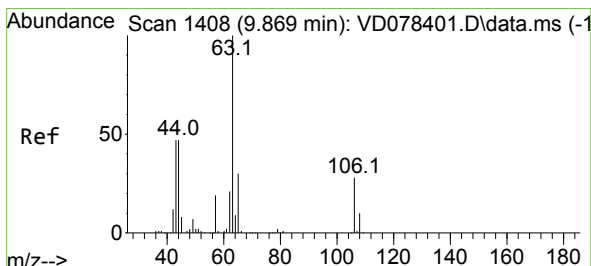
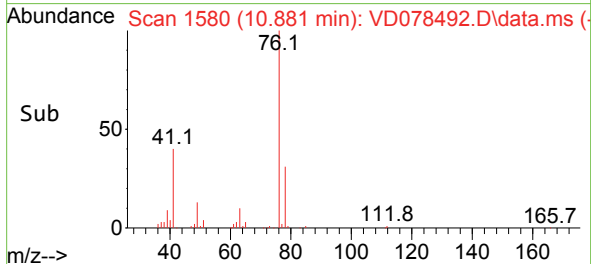
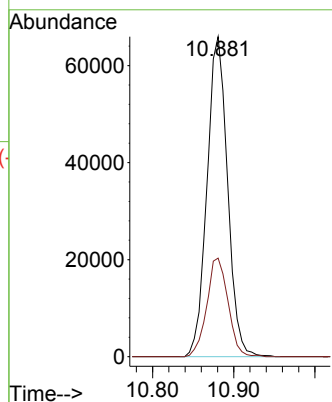
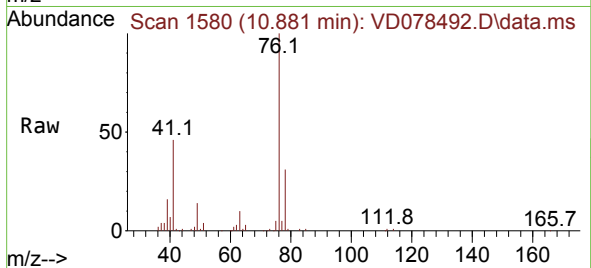
VSTDCCC050

Tgt Ion: 76 Resp: 115869

Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 238.023 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078492.D

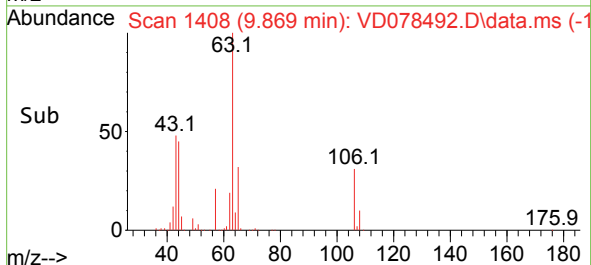
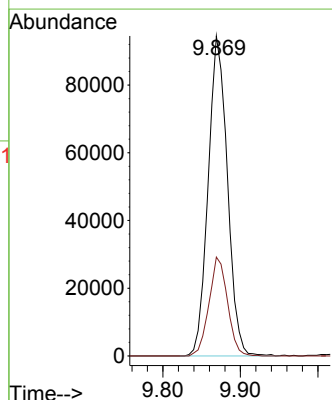
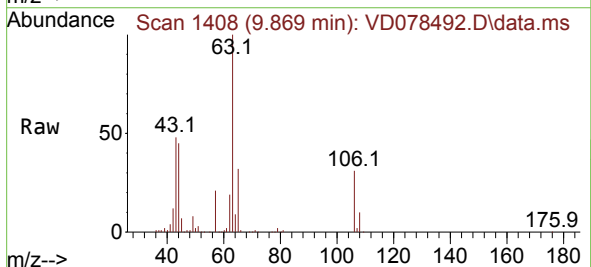
Acq: 21 Feb 2024 10:12

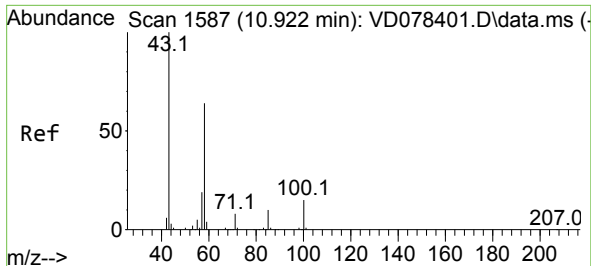
Tgt Ion: 63 Resp: 162961

Ion Ratio Lower Upper

63 100

106 29.8 25.3 37.9

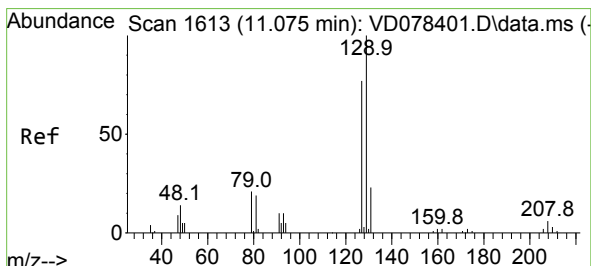
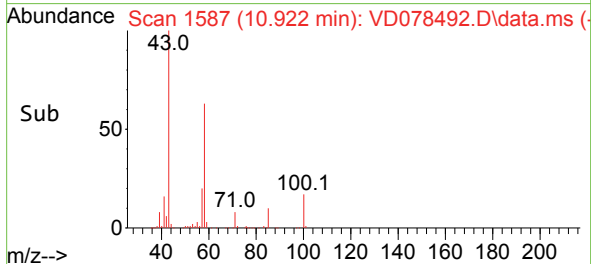
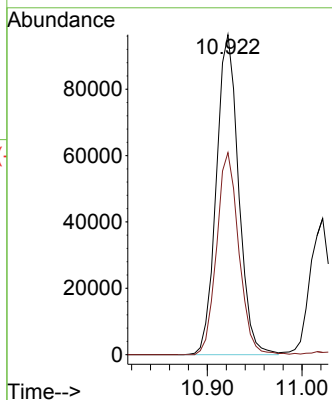
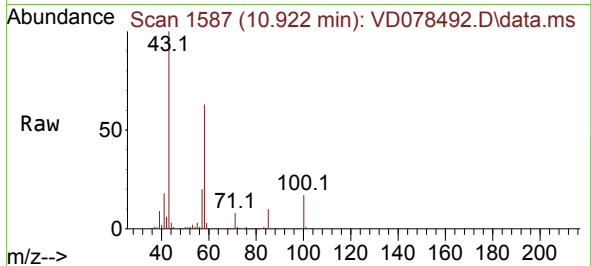




#59
2-Hexanone
Concen: 260.248 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

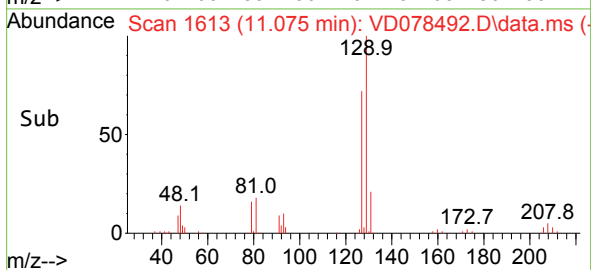
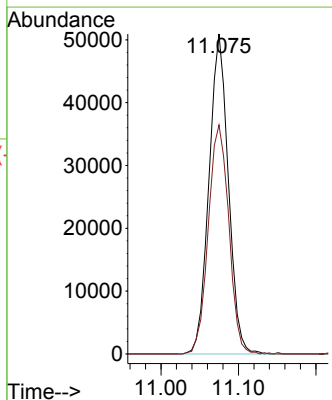
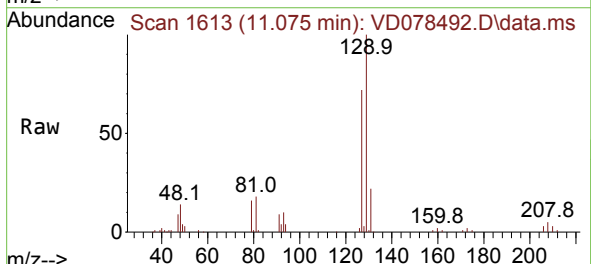
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

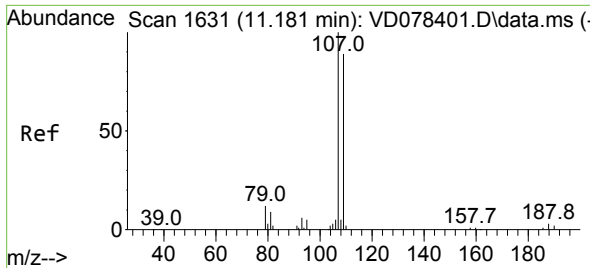
Tgt Ion: 43 Resp: 157637
Ion Ratio Lower Upper
43 100
58 62.7 34.1 102.2



#60
Dibromochloromethane
Concen: 58.434 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 129 Resp: 88356
Ion Ratio Lower Upper
129 100
127 75.7 37.1 111.5

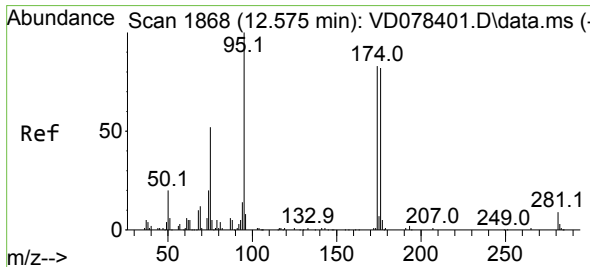
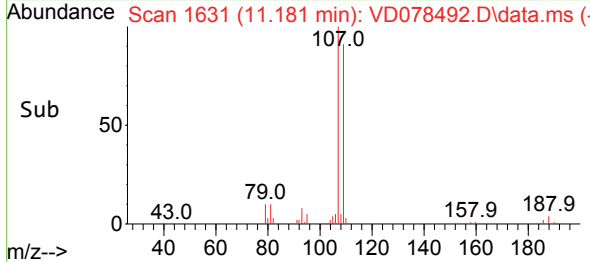
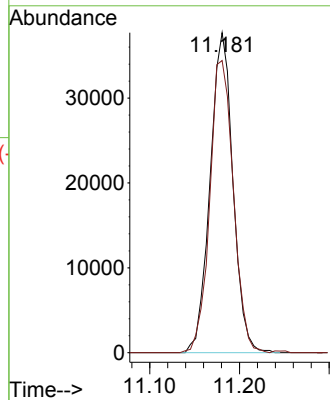
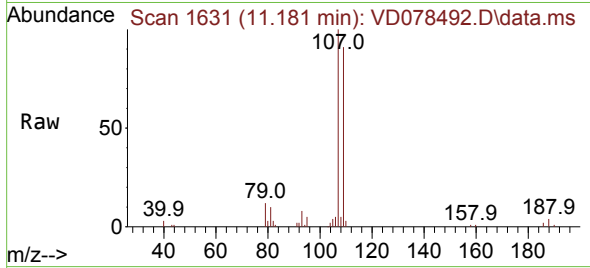




#61
1,2-Dibromoethane
Concen: 56.526 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

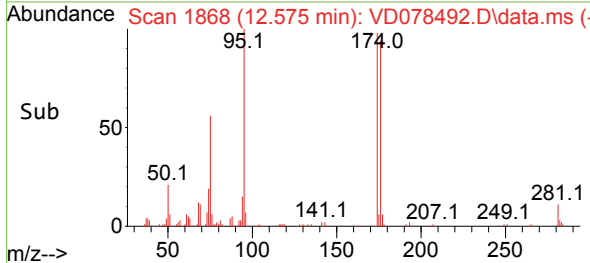
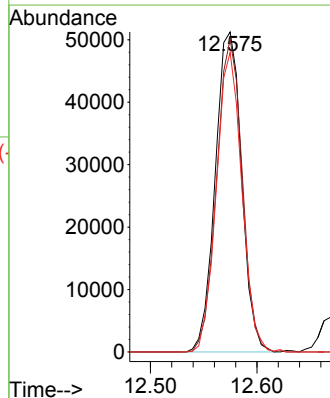
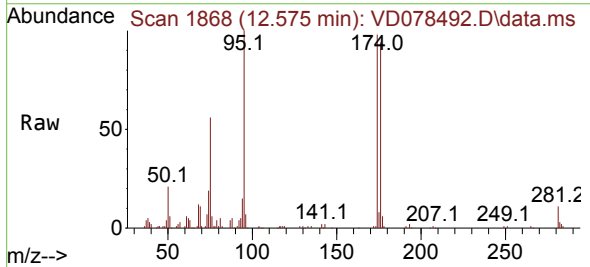
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

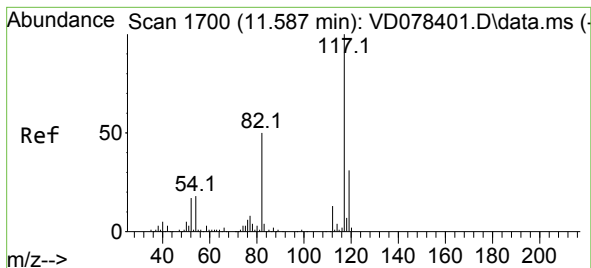
Tgt Ion:107 Resp: 66691
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.006 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 95 Resp: 87664
Ion Ratio Lower Upper
95 100
174 95.2 0.0 201.8
176 90.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

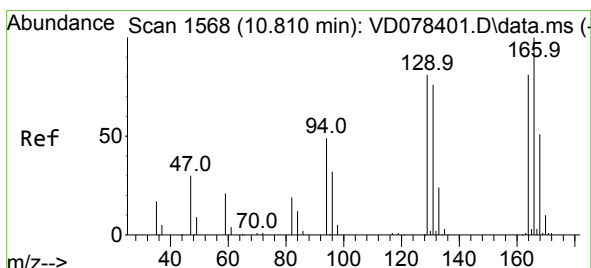
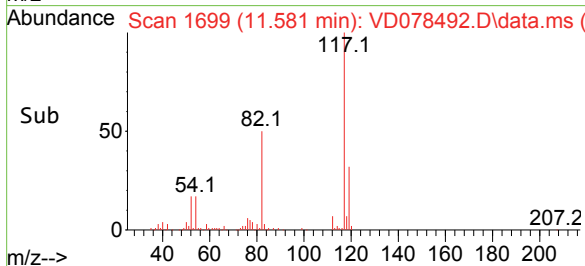
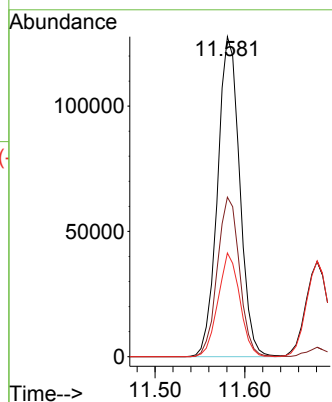
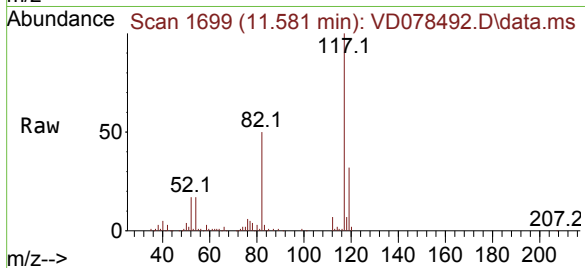
Tgt Ion:117 Resp: 219115

Ion Ratio Lower Upper

117 100

82 49.9 38.3 57.5

119 32.4 25.0 37.4



#64

Tetrachloroethene

Concen: 56.905 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Tgt Ion:164 Resp: 78756

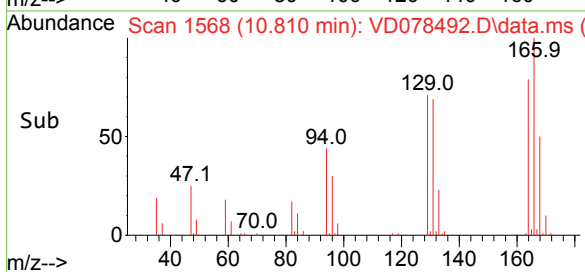
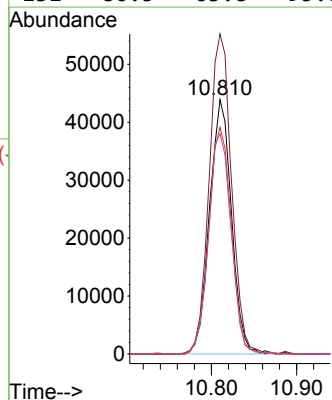
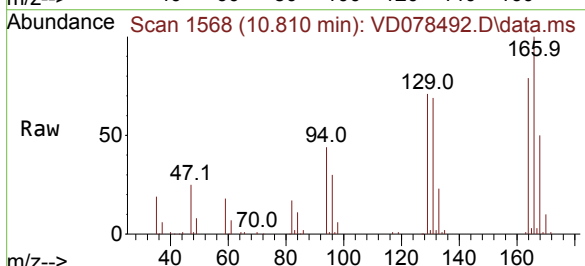
Ion Ratio Lower Upper

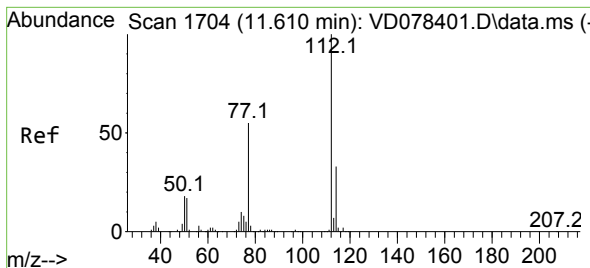
164 100

166 125.8 99.2 148.8

129 89.1 68.4 102.6

131 86.5 63.8 95.8

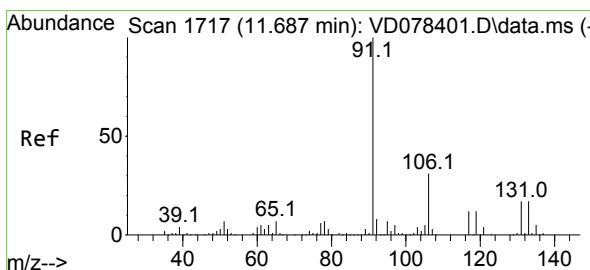
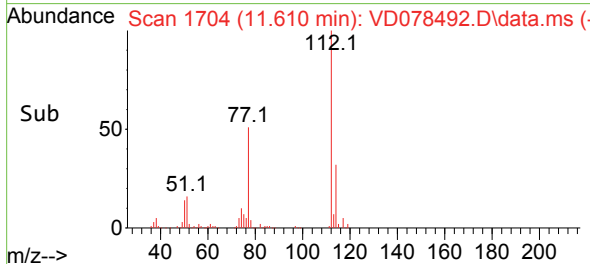
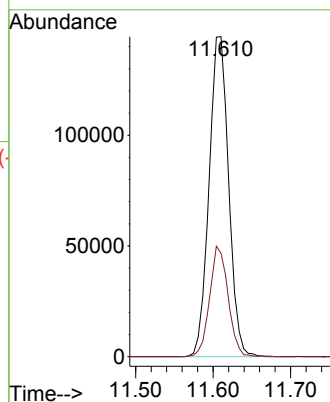
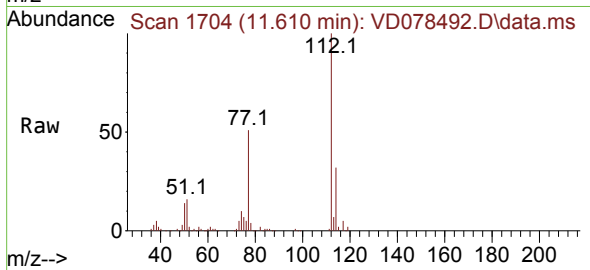




#65
Chlorobenzene
Concen: 57.630 ug/l
RT: 11.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

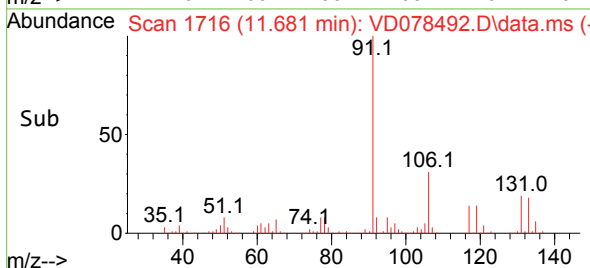
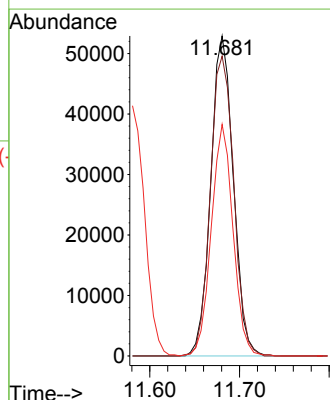
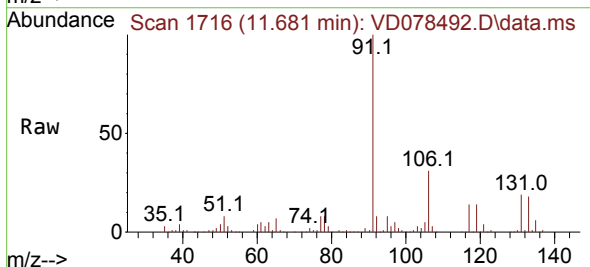
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

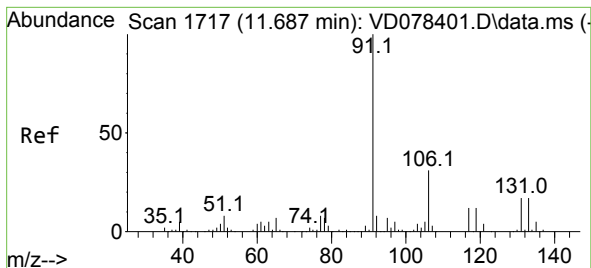
Tgt Ion:112 Resp: 253863
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 57.086 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion:131 Resp: 92413
Ion Ratio Lower Upper
131 100
133 97.2 48.5 145.5
119 69.8 35.6 106.9





#67

Ethyl Benzene

Concen: 58.700 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

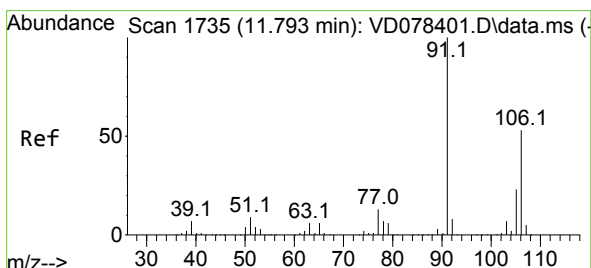
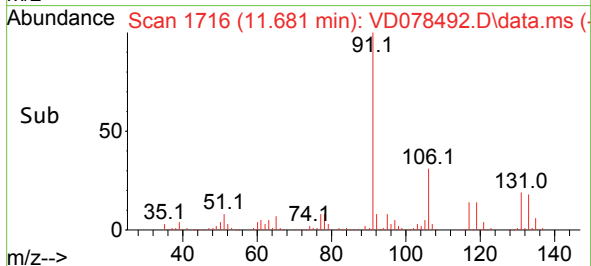
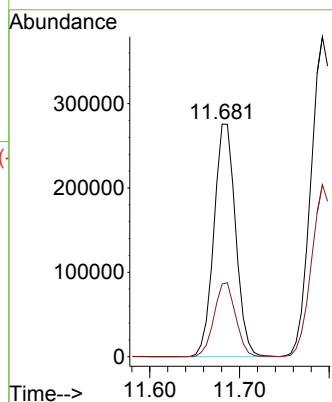
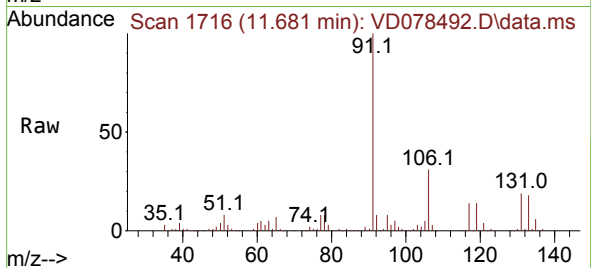
VSTDCCC050

Tgt Ion: 91 Resp: 463310

Ion Ratio Lower Upper

91 100

106 31.3 26.5 39.7



#68

m/p-Xylenes

Concen: 119.083 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD078492.D

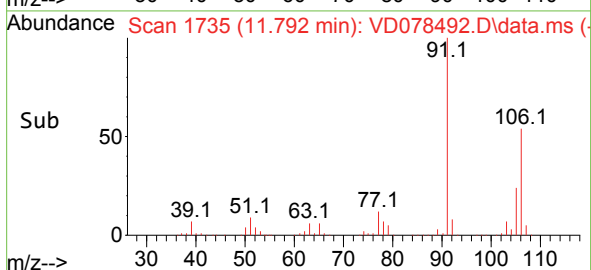
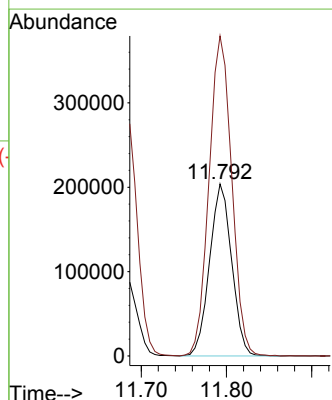
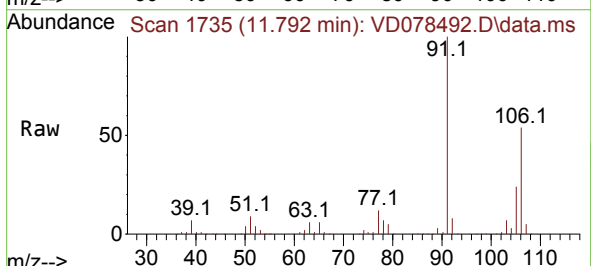
Acq: 21 Feb 2024 10:12

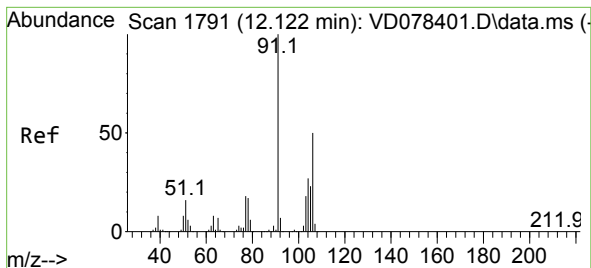
Tgt Ion:106 Resp: 366621

Ion Ratio Lower Upper

106 100

91 191.2 147.0 220.6





#69

o-Xylene

Concen: 58.151 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

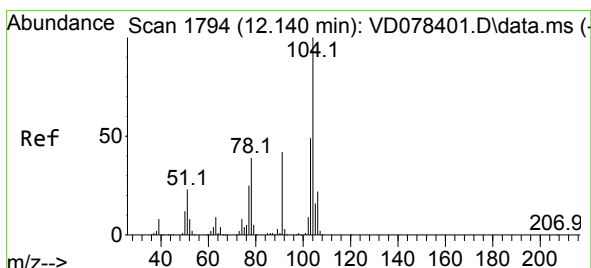
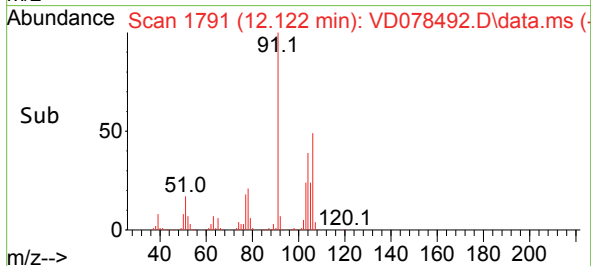
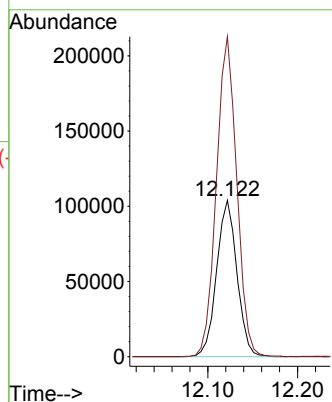
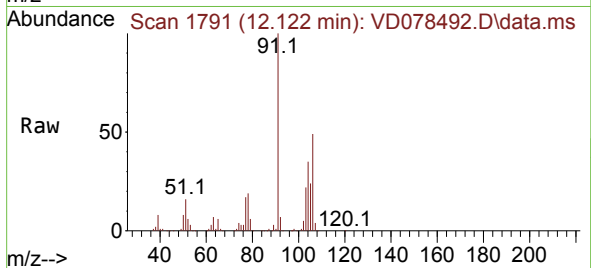
VSTDCCC050

Tgt Ion:106 Resp: 163376

Ion Ratio Lower Upper

106 100

91 205.5 97.9 293.6



#70

Styrene

Concen: 54.970 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

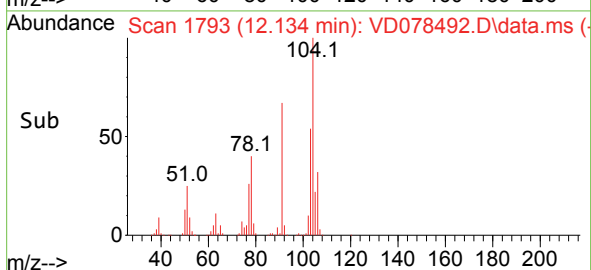
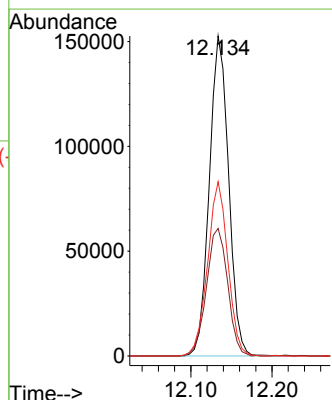
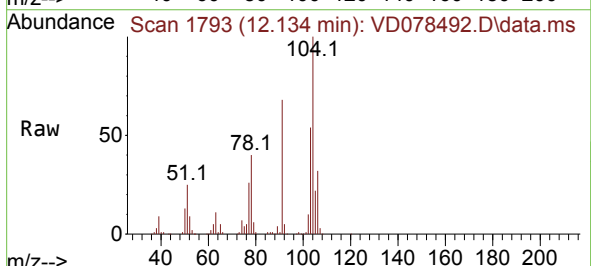
Tgt Ion:104 Resp: 252052

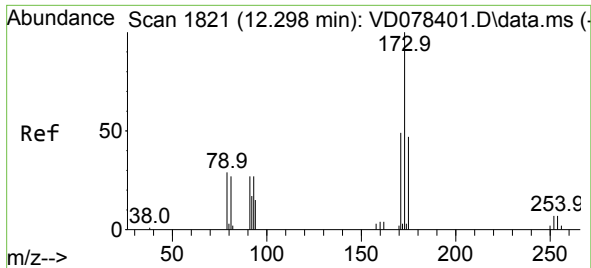
Ion Ratio Lower Upper

104 100

78 43.9 33.2 49.8

103 57.2 43.6 65.4

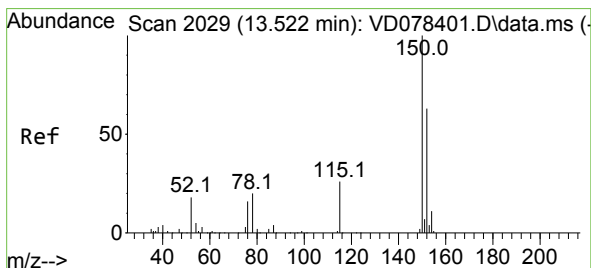
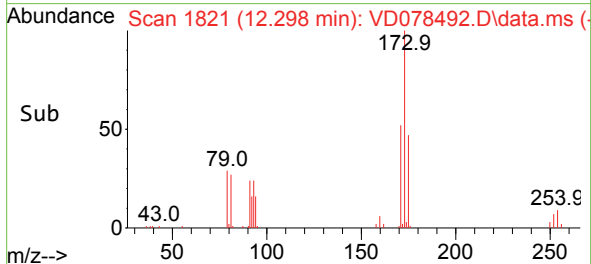
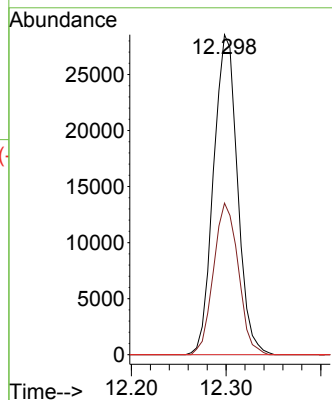
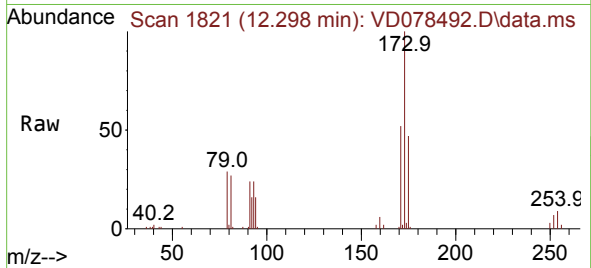




#71
Bromoform
Concen: 58.920 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

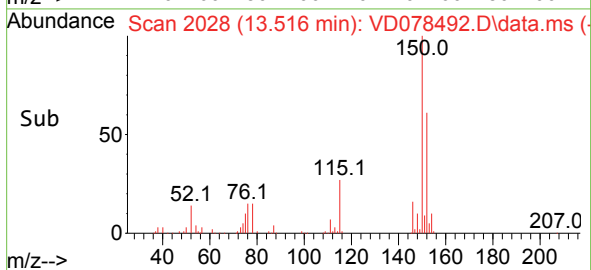
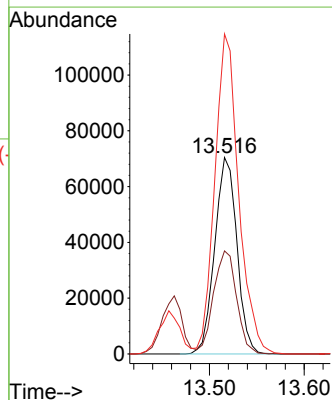
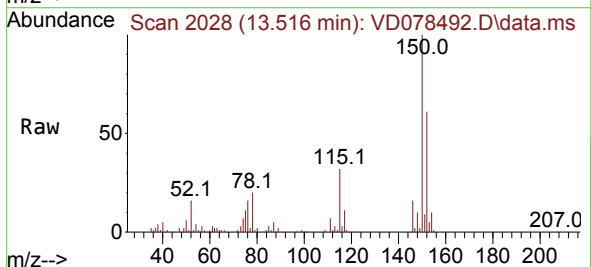
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

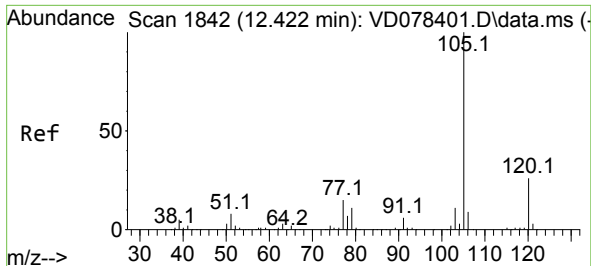
Tgt Ion:173 Resp: 50204
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion:152 Resp: 114704
Ion Ratio Lower Upper
152 100
115 54.3 27.1 81.3
150 175.5 0.0 353.6

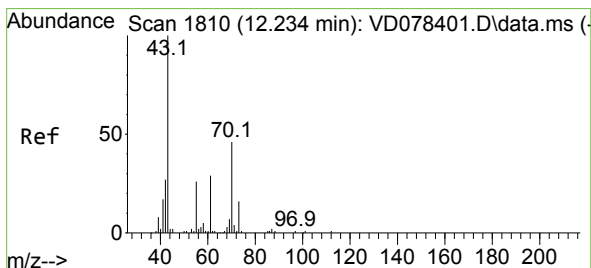
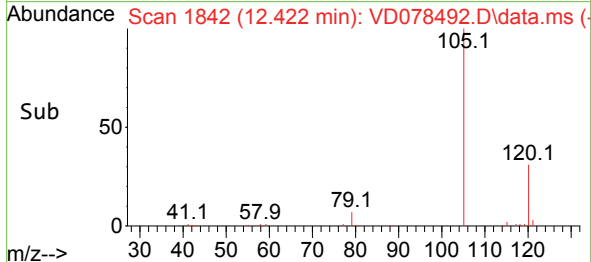
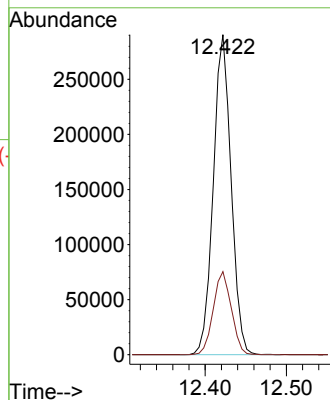
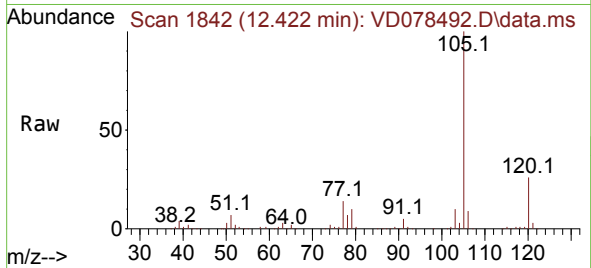




#73
Isopropylbenzene
Concen: 57.428 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

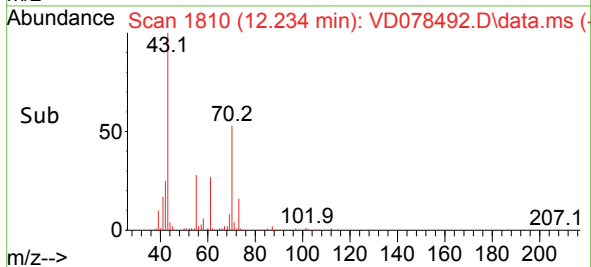
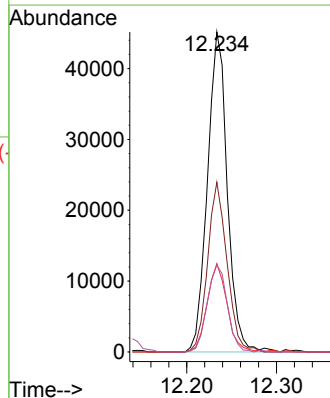
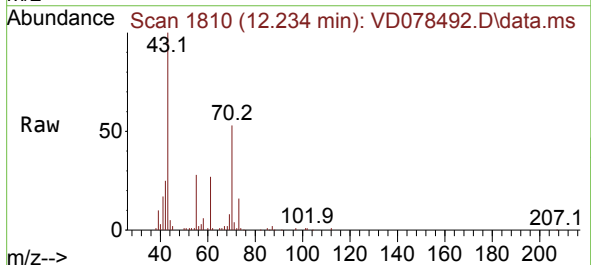
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

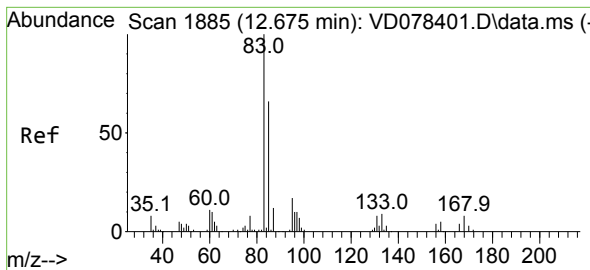
Tgt Ion:105 Resp: 442323
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9



#74
N-ethyl acetate
Concen: 47.702 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 43 Resp: 69508
Ion Ratio Lower Upper
43 100
70 51.7 45.0 67.4
55 27.7 23.8 35.6
61 27.3 22.1 33.1

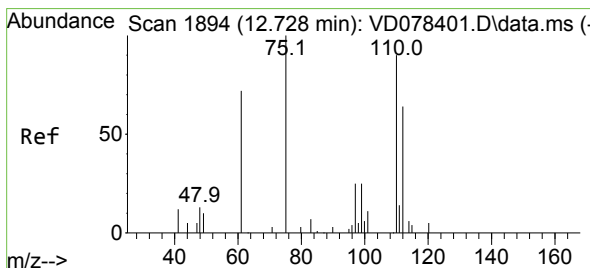
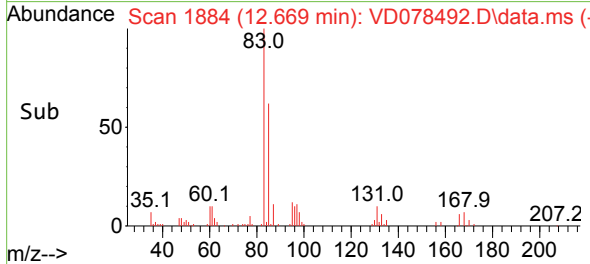
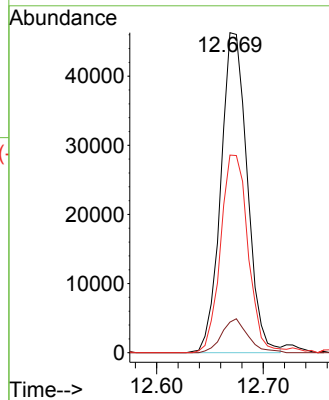
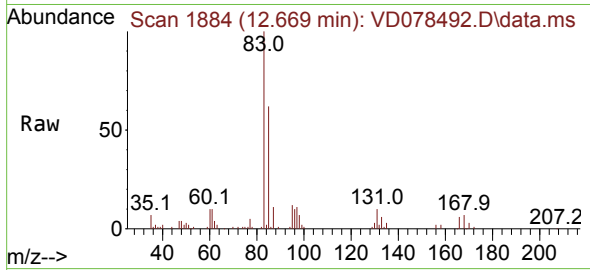




#75
1,1,2,2-Tetrachloroethane
Concen: 52.129 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

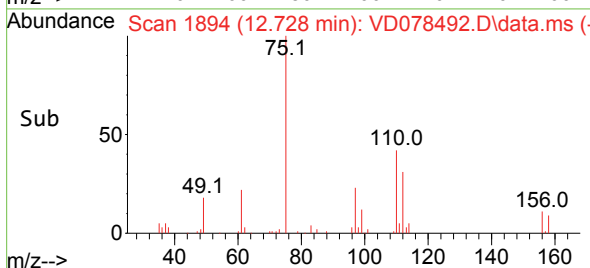
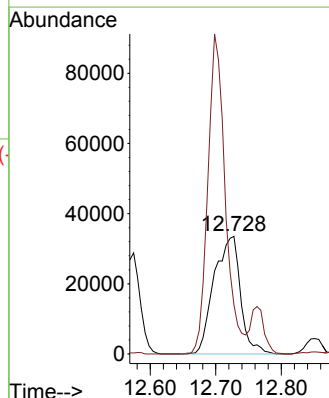
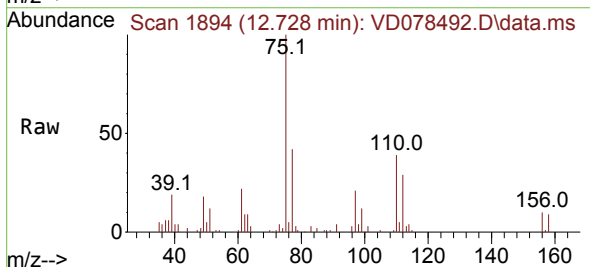
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

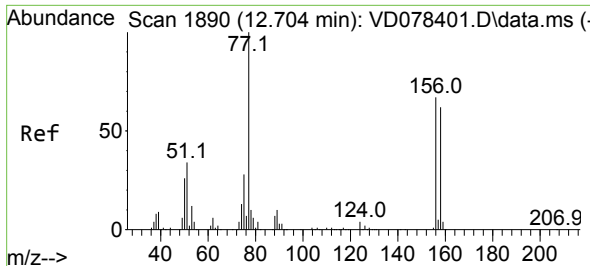
Tgt Ion: 83 Resp: 79646
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 65.0 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 96.475 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 75 Resp: 93948
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

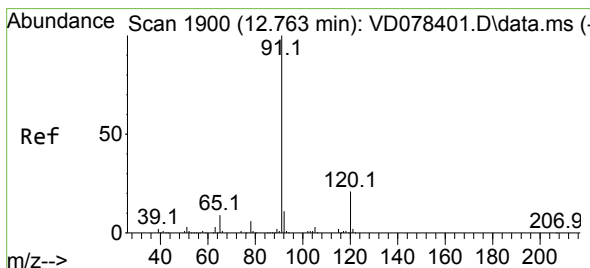
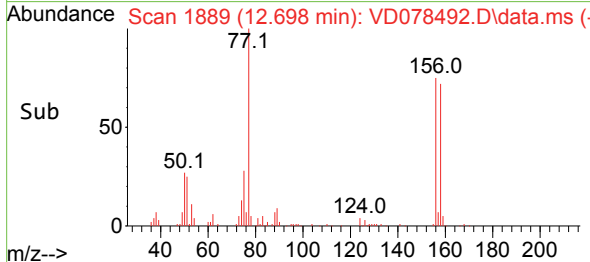
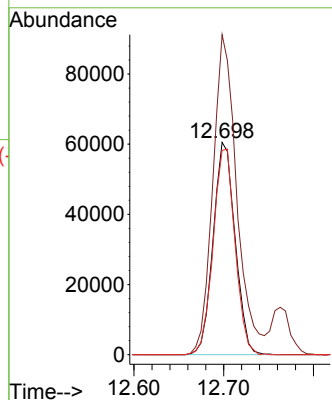
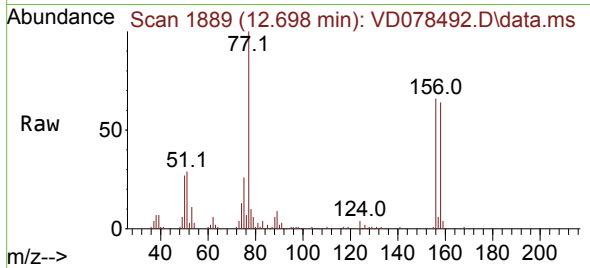




#77
Bromobenzene
Concen: 56.738 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

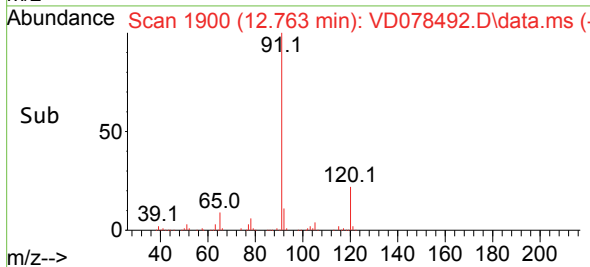
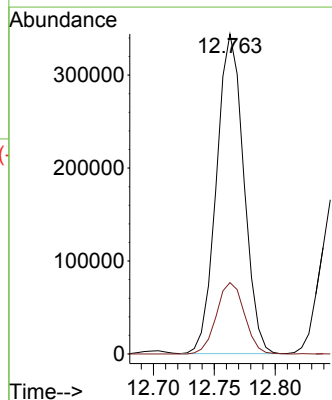
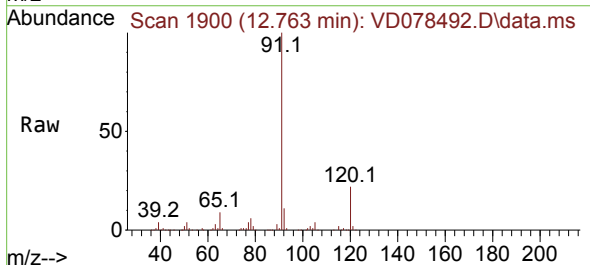
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

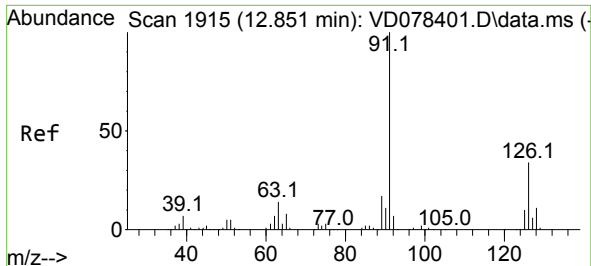
Tgt Ion:156 Resp: 102703
Ion Ratio Lower Upper
156 100
77 164.6 76.8 230.4
158 96.7 48.6 145.9



#78
n-propylbenzene
Concen: 55.890 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 91 Resp: 536454
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2

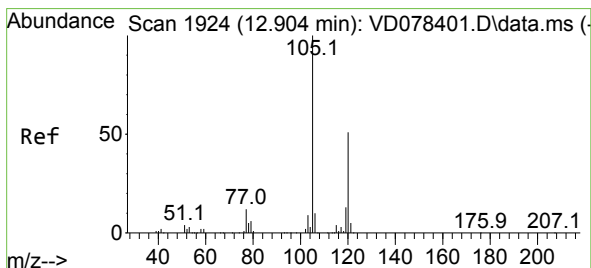
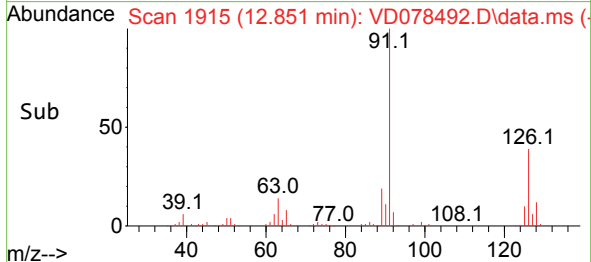
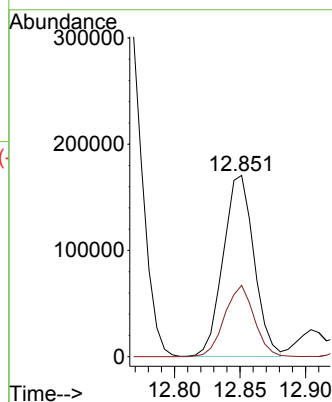
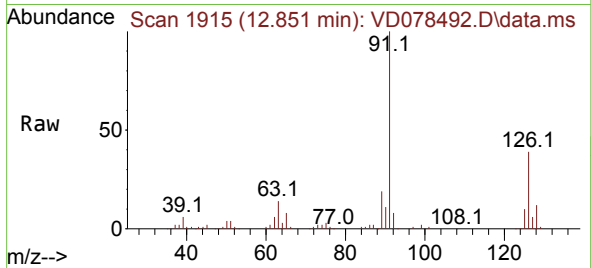




#79
2-Chlorotoluene
Concen: 54.299 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

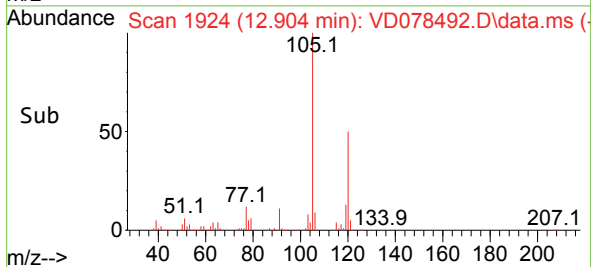
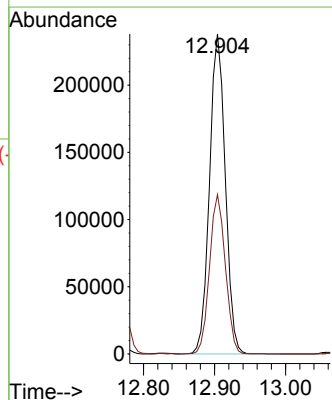
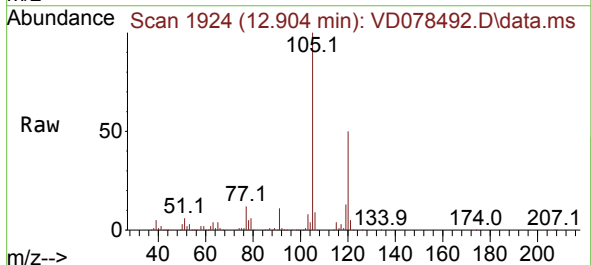
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

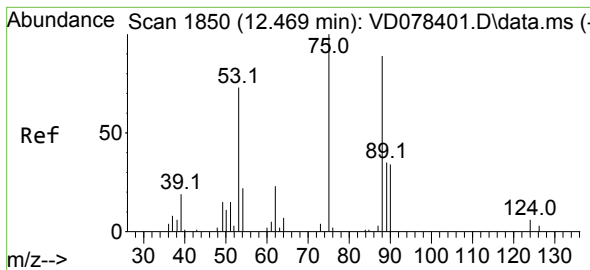
Tgt Ion: 91 Resp: 279147
Ion Ratio Lower Upper
91 100
126 37.8 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 57.447 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion: 105 Resp: 367409
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

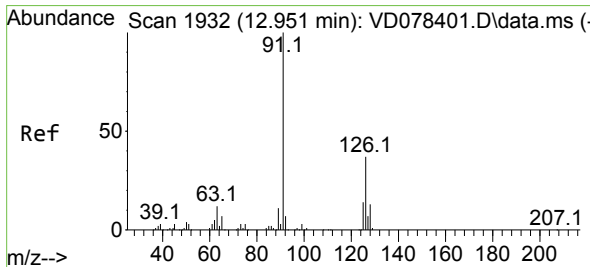
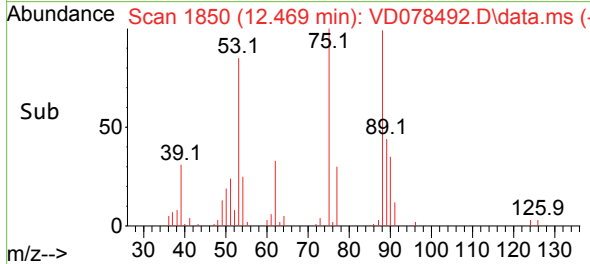
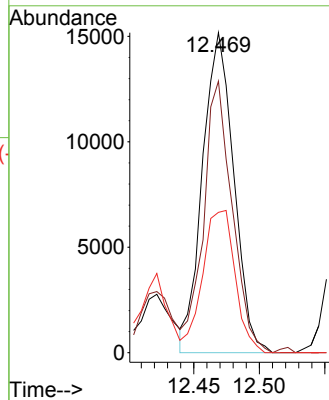
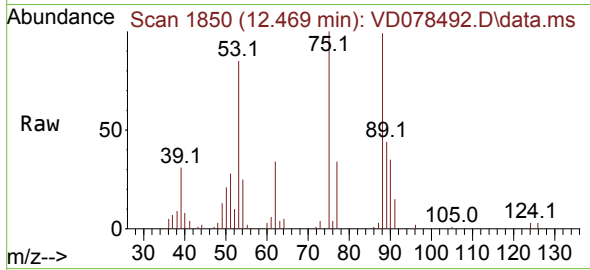




#81
trans-1,4-Dichloro-2-butene
Concen: 53.514 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

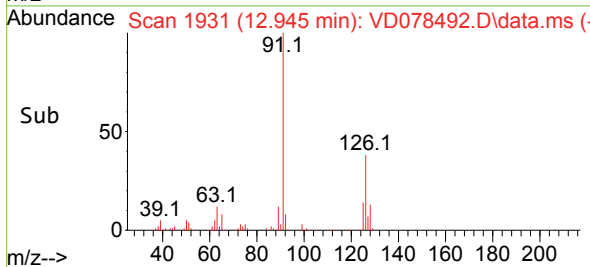
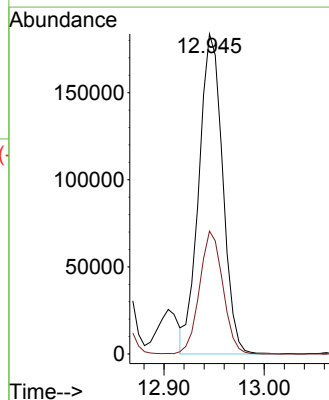
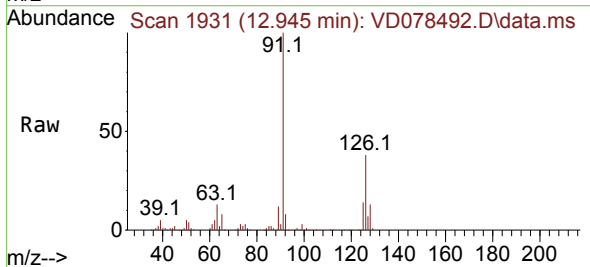
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

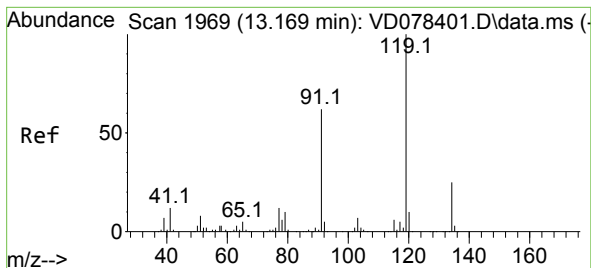
Tgt Ion:	75	Resp:	25102
Ion	Ratio	Lower	Upper
75	100		
53	78.1	63.0	94.4
89	46.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 54.867 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion:	91	Resp:	302947
Ion	Ratio	Lower	Upper
91	100		
126	37.7	19.4	58.4





#83

tert-Butylbenzene

Concen: 58.831 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

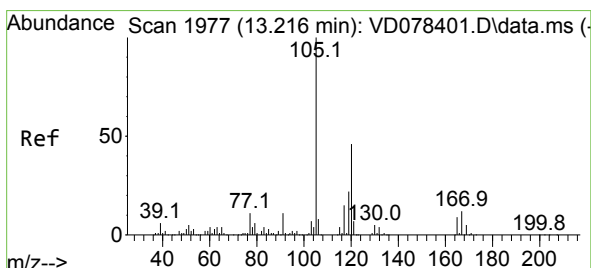
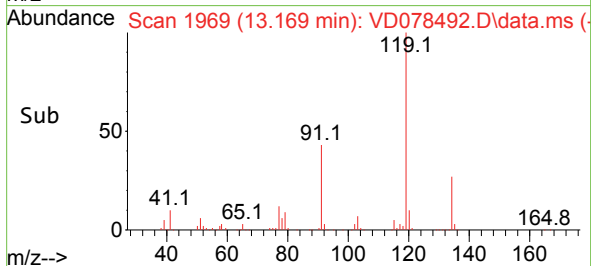
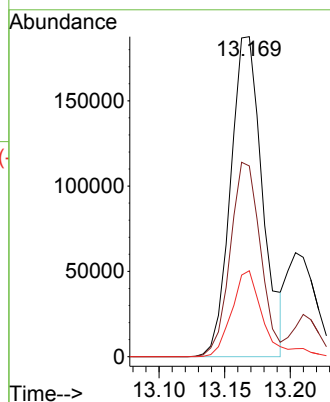
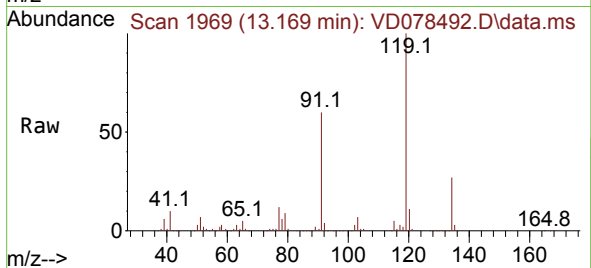
Tgt Ion:119 Resp: 317326

Ion Ratio Lower Upper

119 100

91 57.8 29.3 87.8

134 26.7 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 58.309 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078492.D

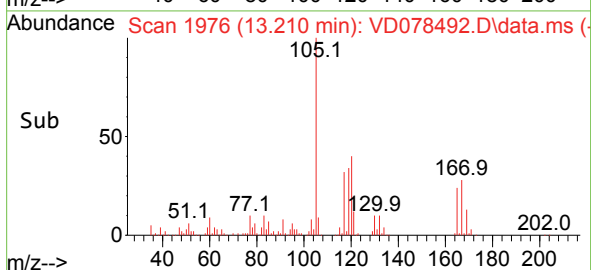
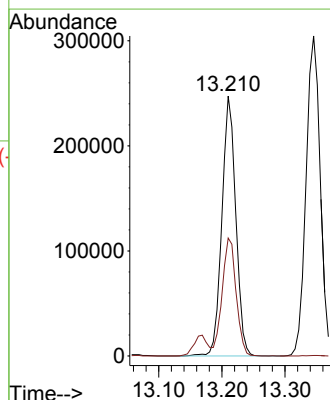
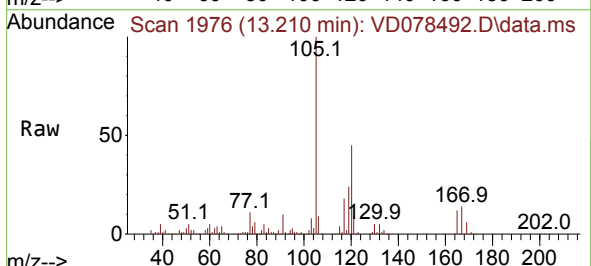
Acq: 21 Feb 2024 10:12

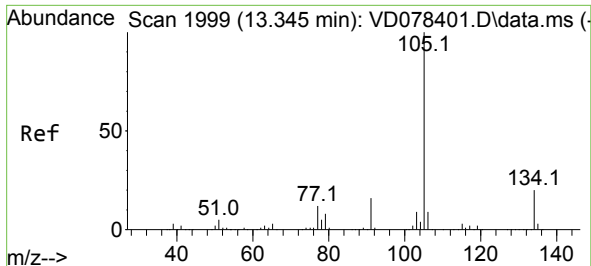
Tgt Ion:105 Resp: 378479

Ion Ratio Lower Upper

105 100

120 45.3 24.3 72.9

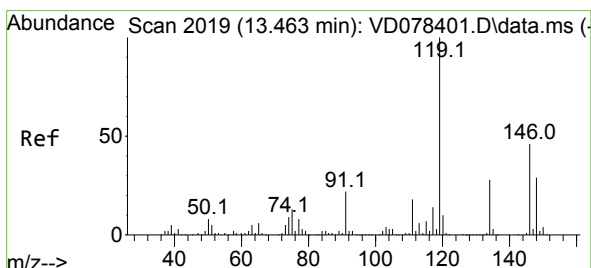
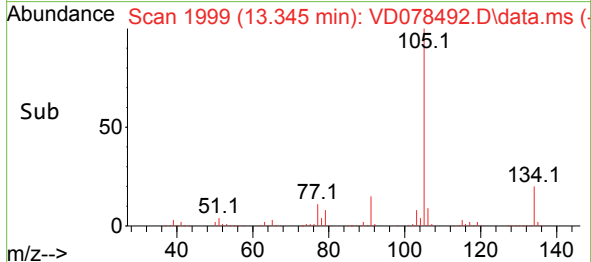
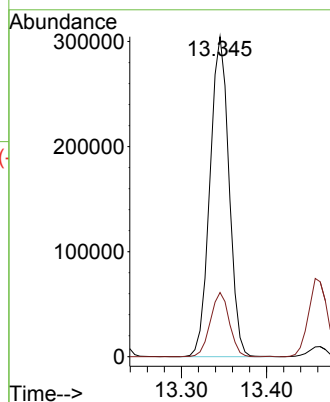
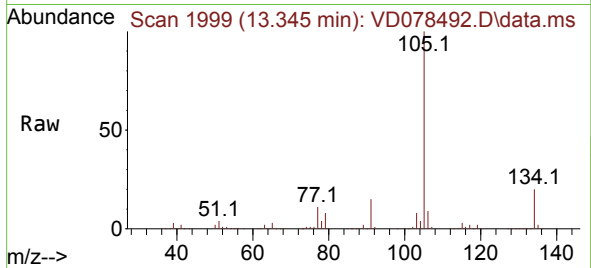




#85
 sec-Butylbenzene
 Concen: 56.677 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD078492.D
 Acq: 21 Feb 2024 10:12

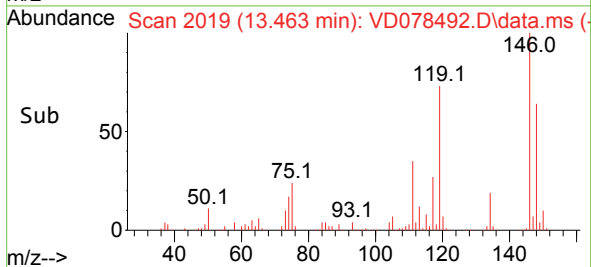
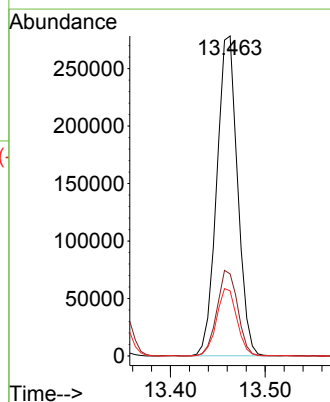
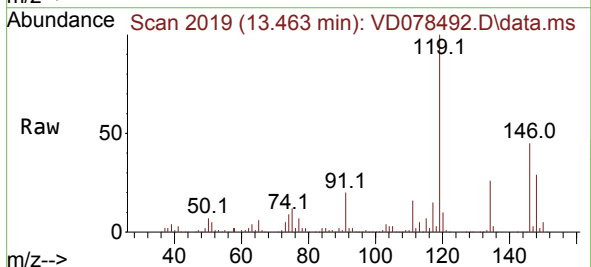
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

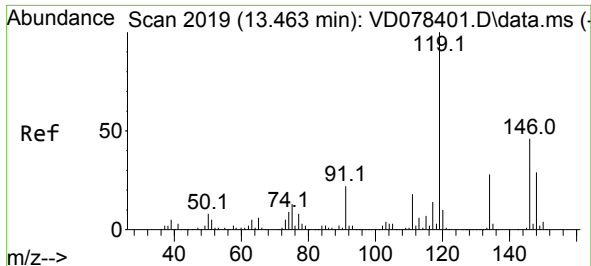
Tgt Ion:105 Resp: 474101
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 59.500 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD078492.D
 Acq: 21 Feb 2024 10:12

Tgt Ion:119 Resp: 423929
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 20.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 56.332 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

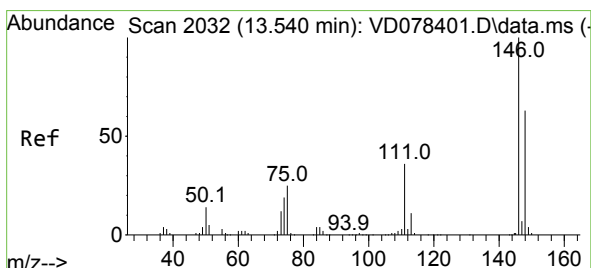
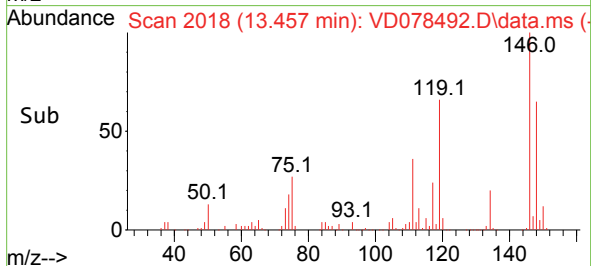
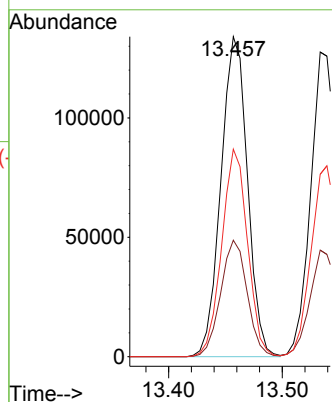
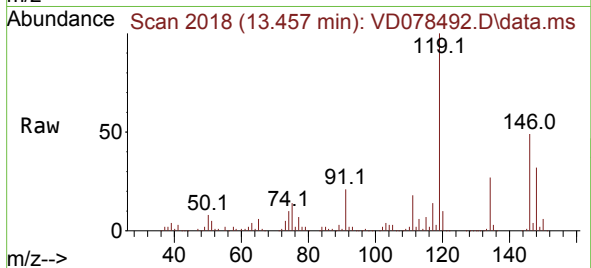
Tgt Ion:146 Resp: 217631

Ion Ratio Lower Upper

146 100

111 36.4 17.9 53.8

148 63.0 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 55.786 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

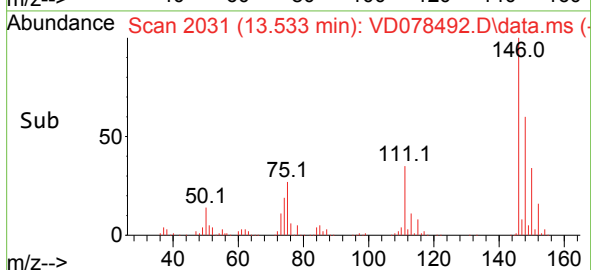
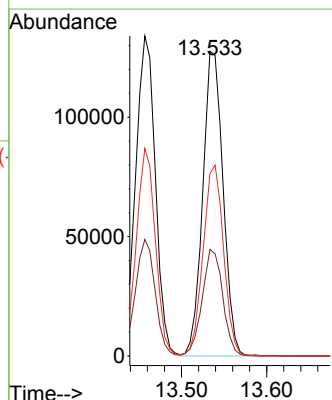
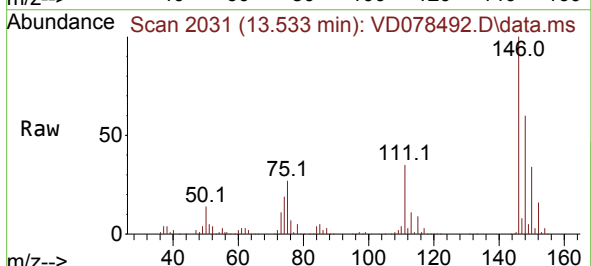
Tgt Ion:146 Resp: 211768

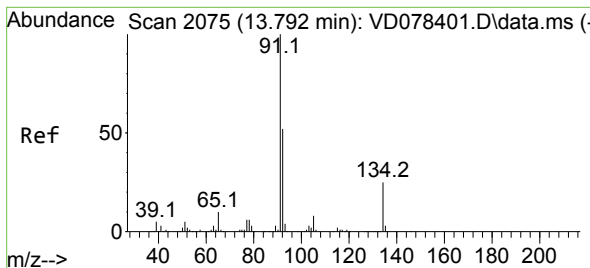
Ion Ratio Lower Upper

146 100

111 35.4 17.4 52.3

148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 57.209 ug/l

RT: 13.786 min Scan# 2075

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

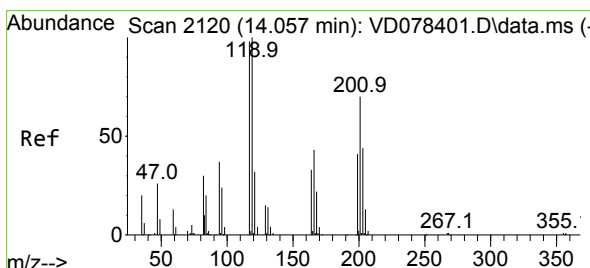
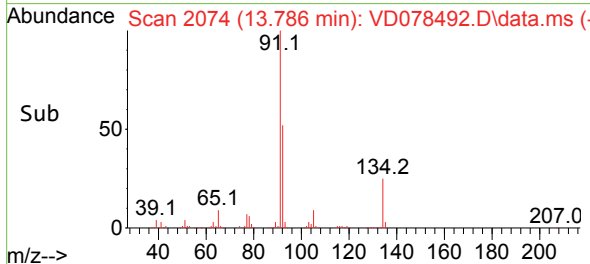
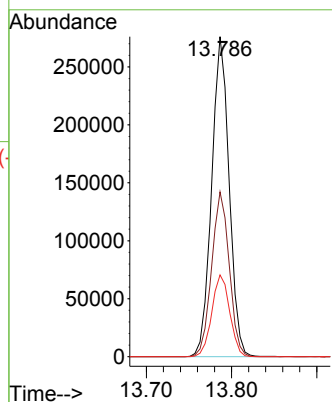
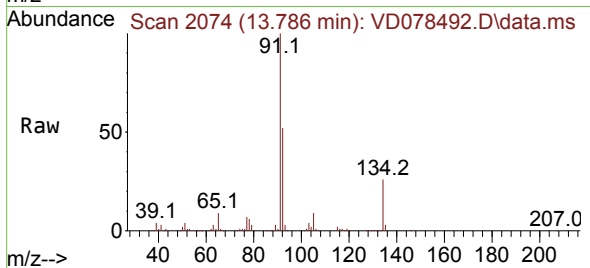
Tgt Ion: 91 Resp: 392876

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.5

134 26.1 13.8 41.3



#90

Hexachloroethane

Concen: 54.308 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD078492.D

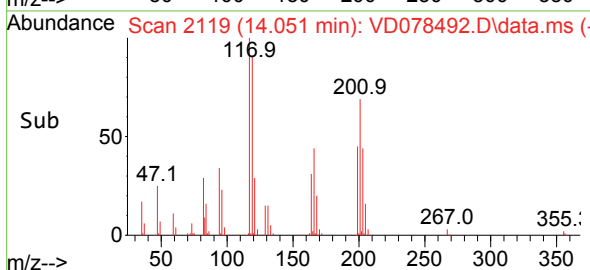
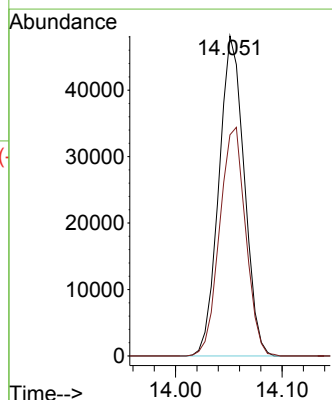
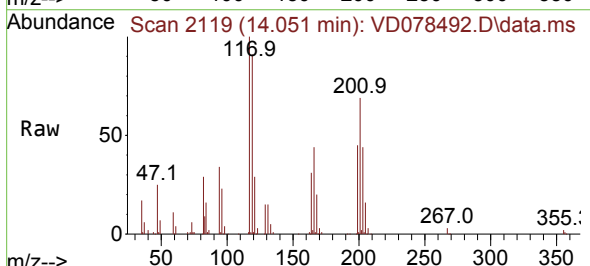
Acq: 21 Feb 2024 10:12

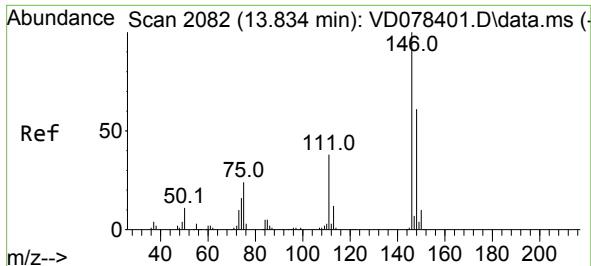
Tgt Ion: 117 Resp: 79528

Ion Ratio Lower Upper

117 100

201 73.4 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 55.734 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

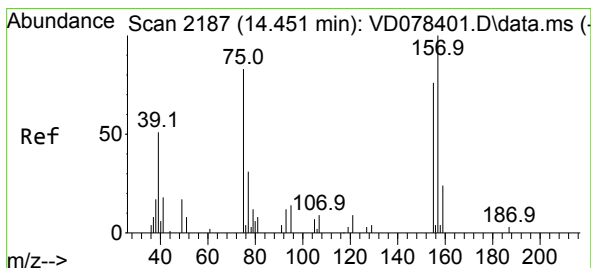
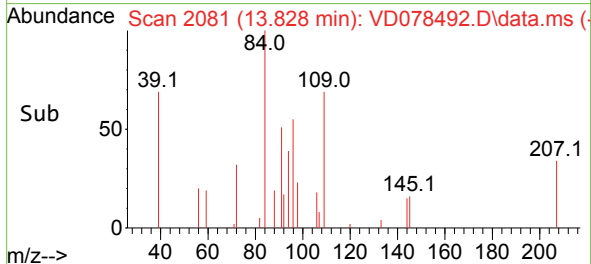
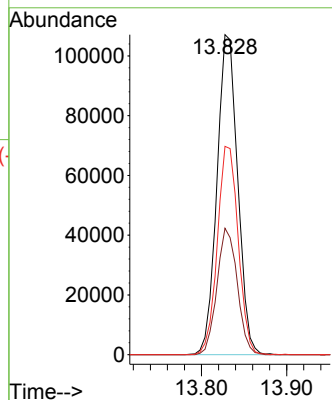
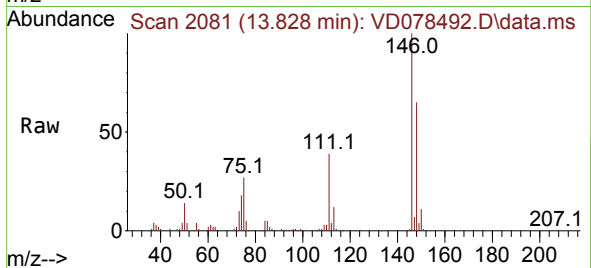
Tgt Ion:146 Resp: 180815

Ion Ratio Lower Upper

146 100

111 38.7 18.3 54.8

148 65.5 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.315 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

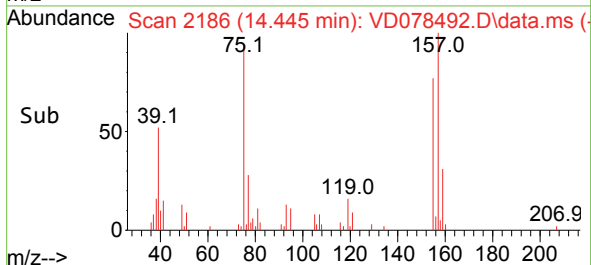
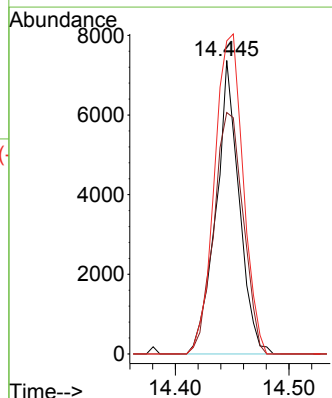
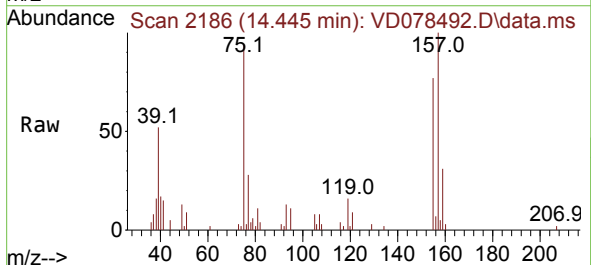
Tgt Ion: 75 Resp: 10466

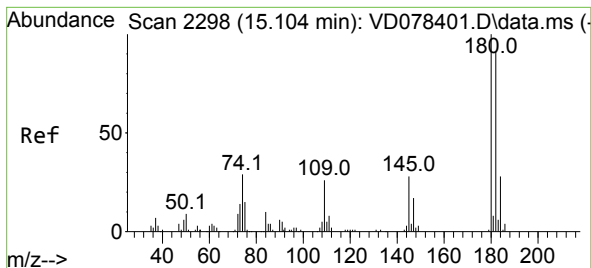
Ion Ratio Lower Upper

75 100

155 104.0 47.9 143.8

157 134.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 58.253 ug/l

RT: 15.098 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

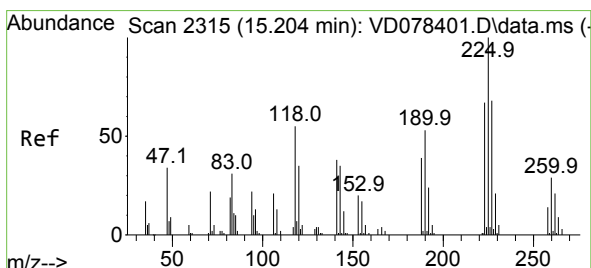
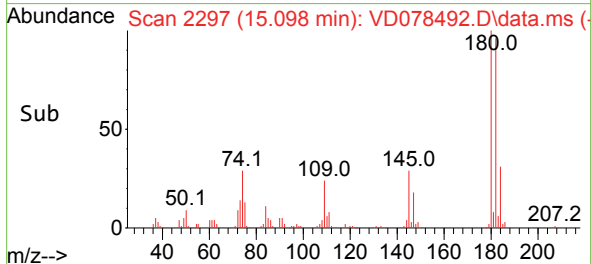
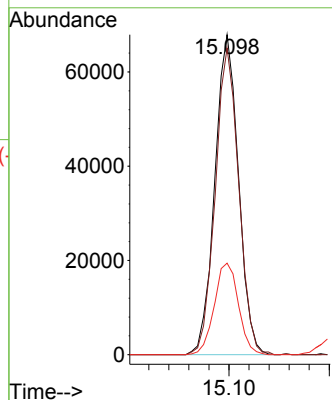
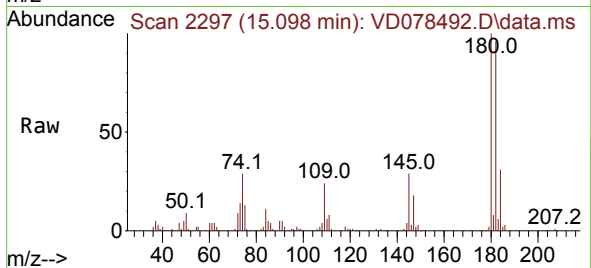
Tgt Ion:180 Resp: 111067

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.6

145 29.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 59.986 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078492.D

Acq: 21 Feb 2024 10:12

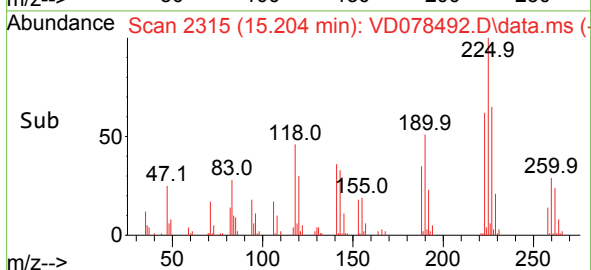
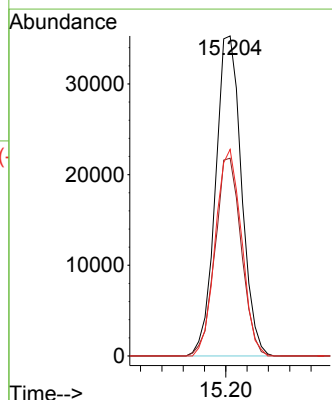
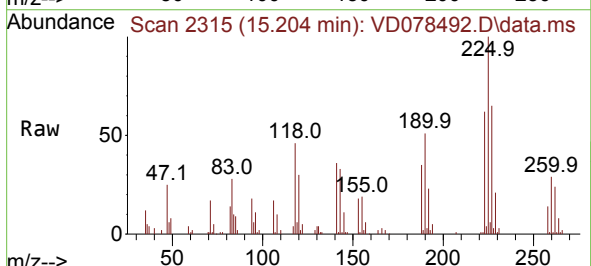
Tgt Ion:225 Resp: 59698

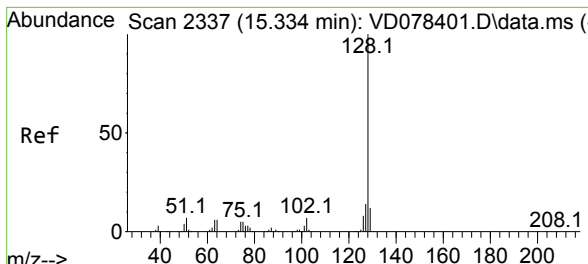
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 64.8 31.7 95.1

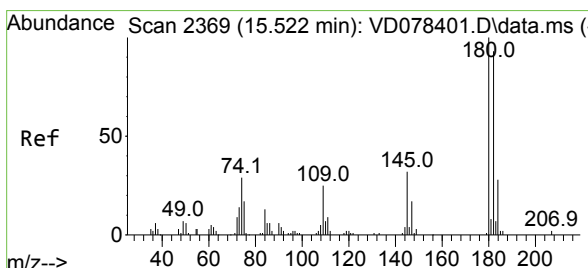
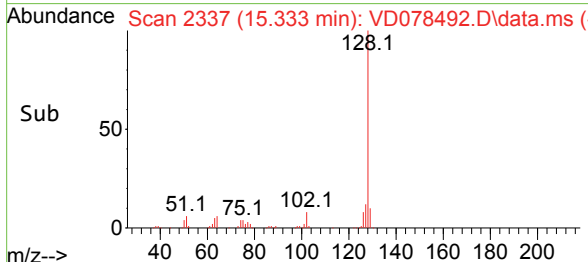
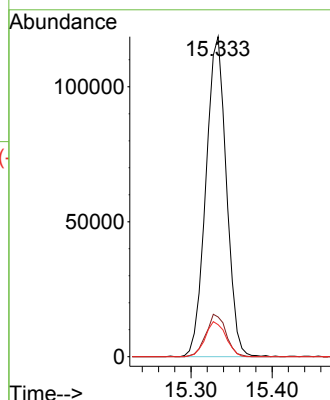
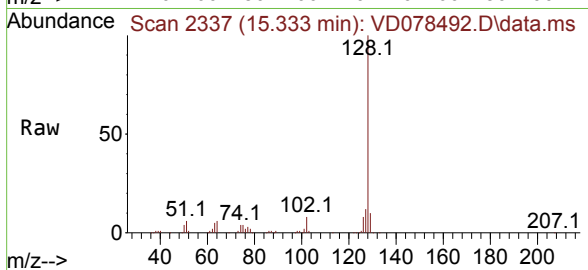




#95
Naphthalene
Concen: 58.758 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 207787
Ion Ratio Lower Upper
128 100
127 12.4 10.5 15.7
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 61.721 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078492.D
Acq: 21 Feb 2024 10:12

Tgt Ion:180 Resp: 99734
Ion Ratio Lower Upper
180 100
182 95.9 47.3 141.9
145 31.5 15.1 45.3

