

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032024\
 Data File : VD078716.D
 Acq On : 20 Mar 2024 13:05
 Operator : RP/MD
 Sample : MDL04
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 21 05:02:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 21 05:02:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	99890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	175417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	163570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	74056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51950	55.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.980%
35) Dibromofluoromethane	7.805	113	59740	52.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.780%
50) Toluene-d8	10.269	98	219809	52.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.840%
62) 4-Bromofluorobenzene	12.575	95	57348	47.193	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	1964	2.113	ug/l	85
3) Chloromethane	2.146	50	2810	1.914	ug/l	93
4) Vinyl Chloride	2.287	62	4274	1.974	ug/l #	81
5) Bromomethane	2.699	94	4586	2.212	ug/l	90
6) Chloroethane	2.840	64	3183	1.885	ug/l #	87
7) Trichlorofluoromethane	3.175	101	3659	2.136	ug/l	96
8) Diethyl Ether	3.605	74	1164	2.327	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.964	101	1109	1.032	ug/l #	13
11) Tert butyl alcohol	5.058	59	238	5.681	ug/l #	75
12) 1,1-Dichloroethene	3.946	96	2558	2.503	ug/l #	69
13) Acrolein	3.811	56	645	9.828	ug/l #	15
14) Allyl chloride	4.564	41	2231	1.956	ug/l #	82
15) Acrylonitrile	5.258	53	2584	12.815	ug/l #	62
16) Acetone	4.034	43	2720	15.026	ug/l #	80
18) Methyl Acetate	4.564	43	1229	3.164	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	4385	2.127	ug/l	98
20) Methylene Chloride	4.805	84	8981	5.843	ug/l	86
21) trans-1,2-Dichloroethene	5.316	96	2261	1.875	ug/l #	76
23) Vinyl Acetate	6.163	43	9033	5.956	ug/l #	91
24) 1,1-Dichloroethane	6.116	63	5160	2.654	ug/l #	80
25) 2-Butanone	7.081	43	3014	12.523	ug/l	99
26) 2,2-Dichloropropane	7.081	77	4043	2.458	ug/l #	75
27) cis-1,2-Dichloroethene	7.087	96	3195	2.323	ug/l	97
28) Bromochloromethane	7.428	49	1385	1.998	ug/l #	95
29) Tetrahydrofuran	7.452	42	1405	10.733	ug/l #	62
30) Chloroform	7.593	83	4876	2.250	ug/l	95
31) Cyclohexane	7.881	56	4460	2.835	ug/l #	78
32) 1,1,1-Trichloroethane	7.799	97	3767	2.048	ug/l #	49
36) 1,1-Dichloropropene	8.016	75	3010	1.837	ug/l	94
37) Ethyl Acetate	7.181	43	1246	2.327	ug/l #	63
38) Carbon Tetrachloride	7.993	117	3853	2.230	ug/l	88
39) Methylcyclohexane	9.275	83	3134	1.649	ug/l #	90
40) Benzene	8.257	78	10107	2.040	ug/l	94
41) Methacrylonitrile	7.399	41	346	1.233	ug/l #	33
42) 1,2-Dichloroethane	8.334	62	2748	2.275	ug/l	82
43) Isopropyl Acetate	8.375	43	2260	2.321	ug/l #	55

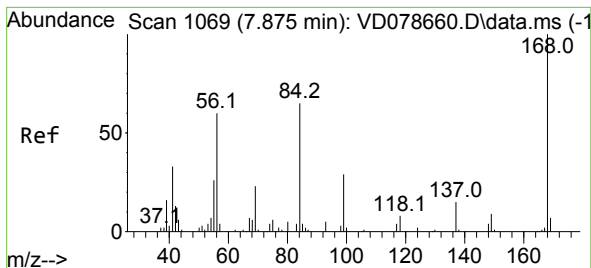
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 Quant Title : SW846 8260
 QLast Update : Thu Mar 21 05:02:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	9.034	130	2976	2.214	ug/l	93
45) 1,2-Dichloropropane	9.304	63	2468	2.100	ug/l	98
46) Dibromomethane	9.393	93	1720	2.442	ug/l	90
47) Bromodichloromethane	9.587	83	4151	2.475	ug/l	97
48) Methyl methacrylate	9.381	41	1252	2.639	ug/l #	79
51) 4-Methyl-2-Pentanone	10.163	43	4972	9.769	ug/l	99
52) Toluene	10.334	92	6826	2.140	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	3278	2.138	ug/l #	72
54) cis-1,3-Dichloropropene	10.010	75	3849	2.088	ug/l #	79
55) 1,1,2-Trichloroethane	10.734	97	2467	2.615	ug/l #	71
56) Ethyl methacrylate	10.599	69	1275	1.348	ug/l #	78
57) 1,3-Dichloropropane	10.875	76	3149	2.069	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.869	63	3764	9.027	ug/l	99
59) 2-Hexanone	10.916	43	3653	9.682	ug/l	98
60) Dibromochloromethane	11.075	129	2625	2.257	ug/l	94
61) 1,2-Dibromoethane	11.175	107	2074	2.272	ug/l	93
64) Tetrachloroethene	10.804	164	2112	1.951	ug/l #	79
65) Chlorobenzene	11.604	112	7425	2.172	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.681	131	3146	2.513	ug/l	88
67) Ethyl Benzene	11.681	91	11048	1.897	ug/l	97
68) m/p-Xylenes	11.793	106	8112	3.430	ug/l	97
69) o-Xylene	12.122	106	3494	1.597	ug/l	91
70) Styrene	12.140	104	5351	1.457	ug/l #	93
71) Bromoform	12.293	173	1608	2.377	ug/l #	89
73) Isopropylbenzene	12.422	105	10332	2.119	ug/l	99
74) N-amyl acetate	12.234	43	1585	2.002	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.681	83	2579	2.857	ug/l #	95
76) 1,2,3-Trichloropropane	12.728	75	2760	4.837	ug/l #	100
77) Bromobenzene	12.698	156	3041	2.515	ug/l	88
78) n-propylbenzene	12.769	91	12902	2.174	ug/l	90
79) 2-Chlorotoluene	12.851	91	7272	2.233	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	7404	1.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.575	75	30648	112.597	ug/l #	19
82) 4-Chlorotoluene	12.945	91	7089	2.058	ug/l	88
83) tert-Butylbenzene	13.169	119	6773	1.948	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	7402	1.822	ug/l	95
85) sec-Butylbenzene	13.345	105	10304	1.958	ug/l	97
86) p-Isopropyltoluene	13.457	119	8835	1.962	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	5144	2.016	ug/l	88
88) 1,4-Dichlorobenzene	13.540	146	6251	2.486	ug/l	89
89) n-Butylbenzene	13.792	91	9135	2.246	ug/l	92
90) Hexachloroethane	14.057	117	2691	2.887	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	5476	2.492	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	3055	2.382	ug/l	88
94) Hexachlorobutadiene	15.210	225	1718	2.474	ug/l	97
95) Naphthalene	15.334	128	5089	2.282	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.522	180	2406	2.168	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD078716.D

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Instrument :

MSVOA_D

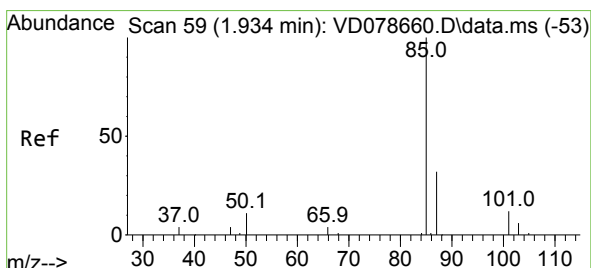
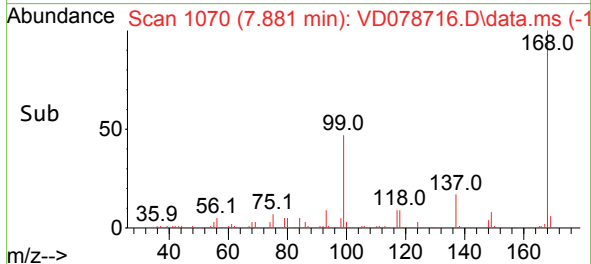
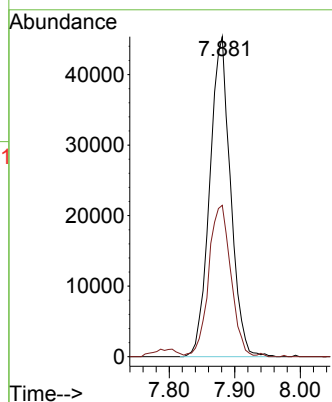
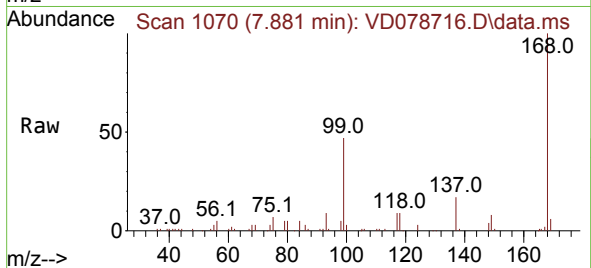
ClientSampleId :

Tgt Ion:168 Resp: 99890

Ion Ratio Lower Upper

168 100

99 47.3 38.8 58.2



#2

Dichlorodifluoromethane

Concen: 2.113 ug/l

RT: 1.934 min Scan# 59

Delta R.T. -0.000 min

Lab File: VD078716.D

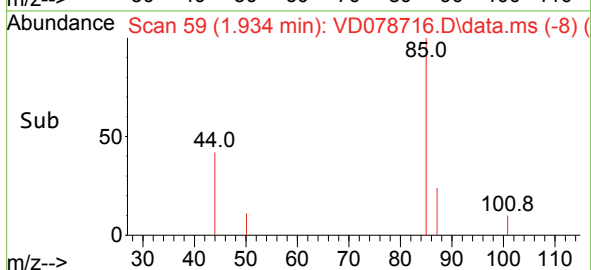
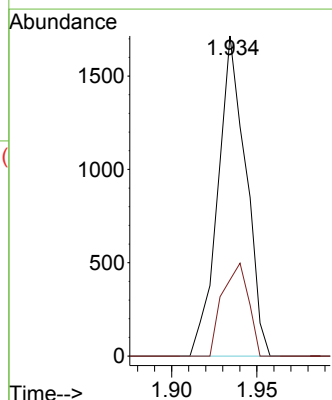
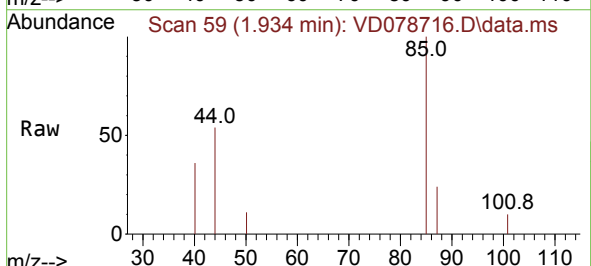
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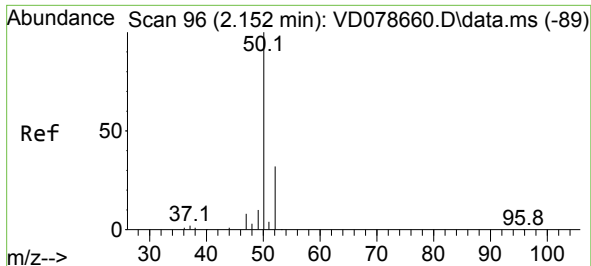
Tgt Ion: 85 Resp: 1964

Ion Ratio Lower Upper

85 100

87 23.8 16.2 48.5

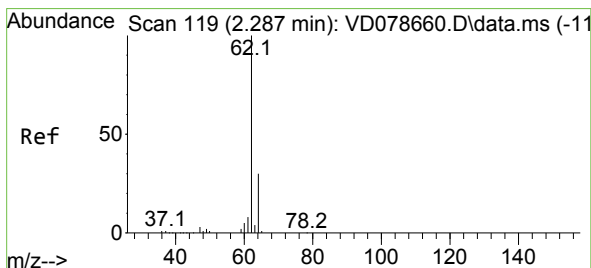
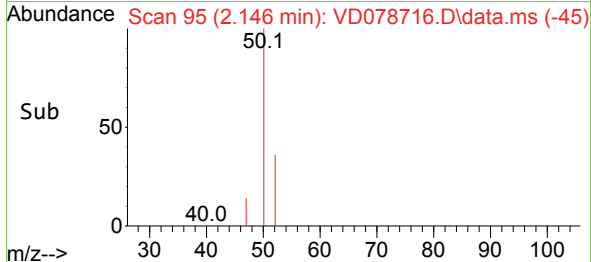
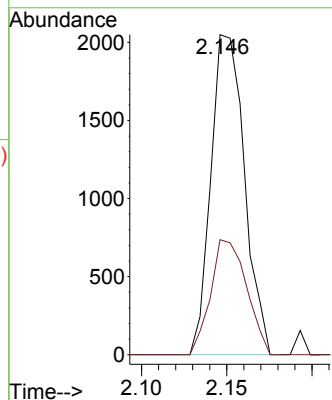
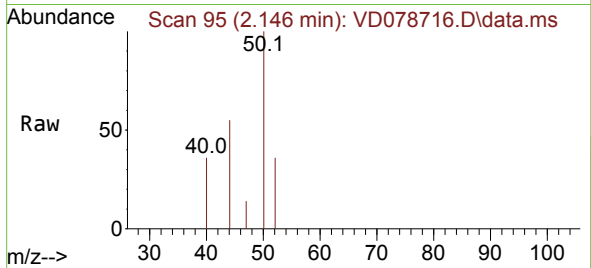




#3
Chloromethane
Concen: 1.914 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

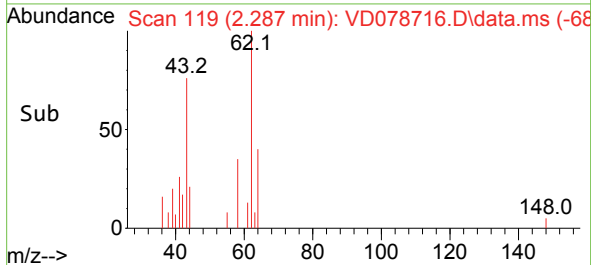
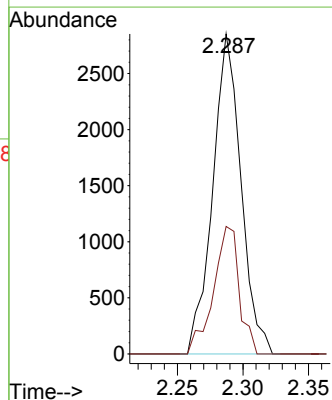
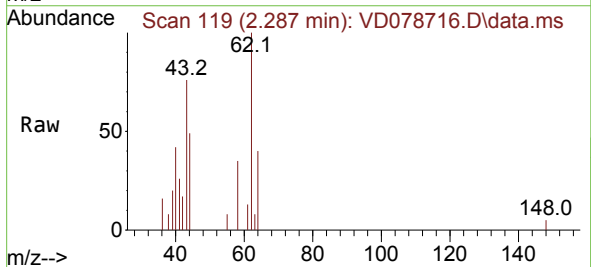
Instrument :
MSVOA_D
ClientSampleId :

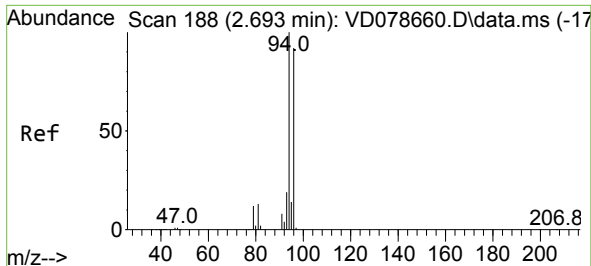
Tgt Ion: 50 Resp: 2810
Ion Ratio Lower Upper
50 100
52 36.0 25.6 38.4



#4
Vinyl Chloride
Concen: 1.974 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 62 Resp: 4274
Ion Ratio Lower Upper
62 100
64 39.9 23.7 35.5#

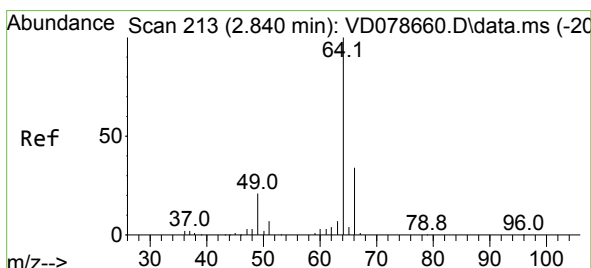
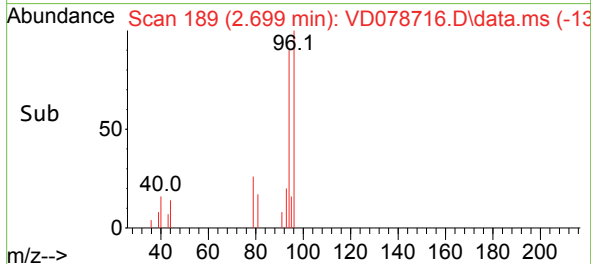
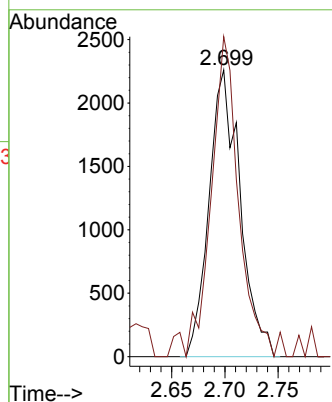
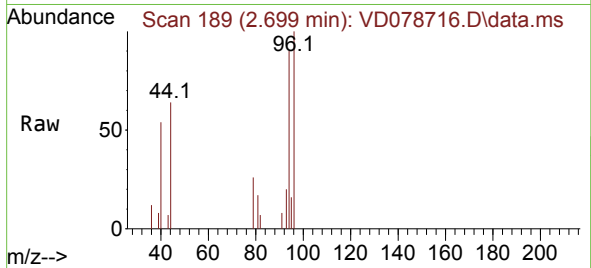




#5
Bromomethane
Concen: 2.212 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

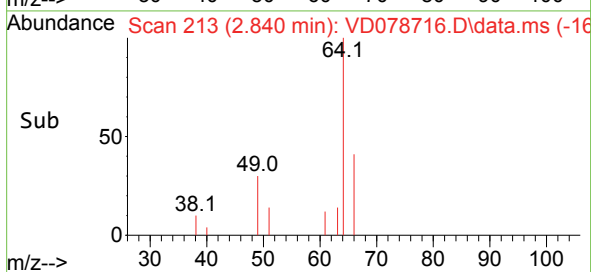
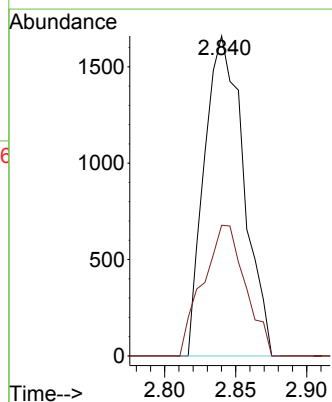
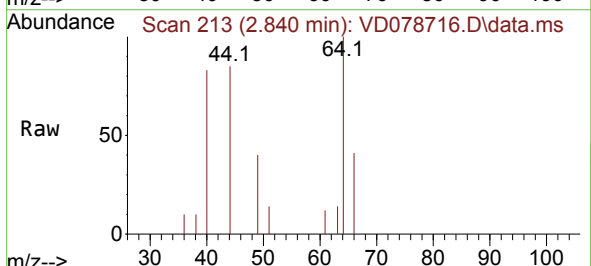
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MSVOA_D
ClientSampleId :

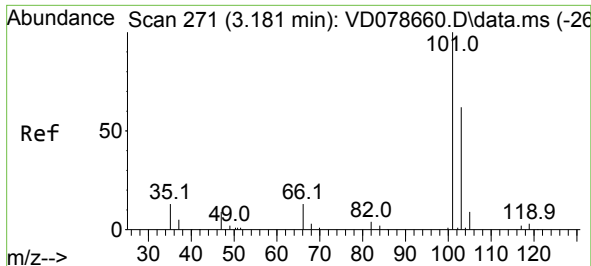
Tgt Ion: 94 Resp: 4586
Ion Ratio Lower Upper
94 100
96 101.6 73.5 110.3



#6
Chloroethane
Concen: 1.885 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 64 Resp: 3183
Ion Ratio Lower Upper
64 100
66 40.8 26.8 40.2#

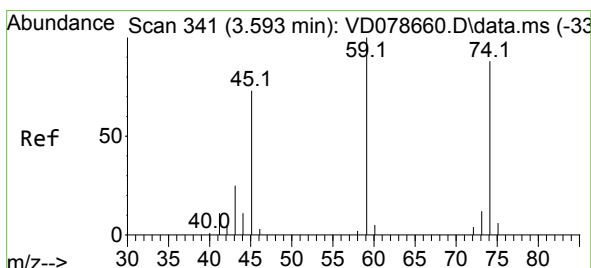
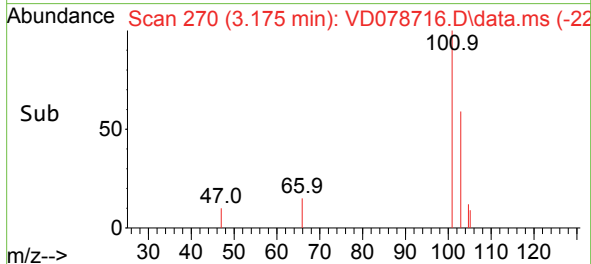
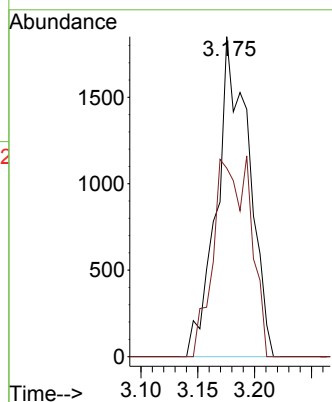
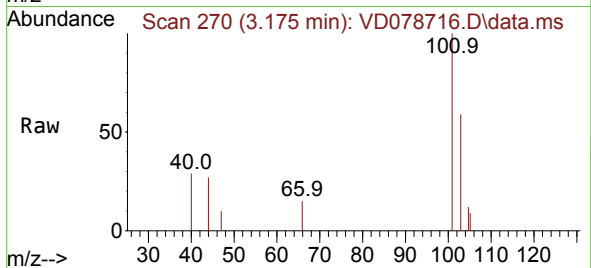




#7
Trichlorofluoromethane
Concen: 2.136 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

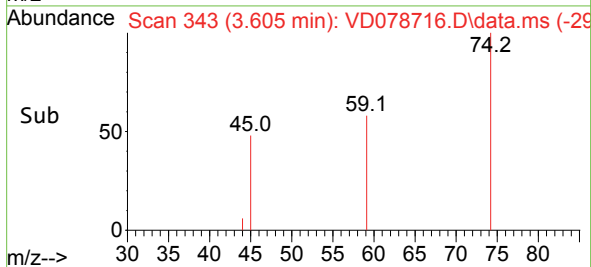
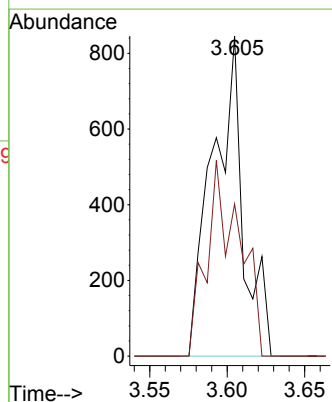
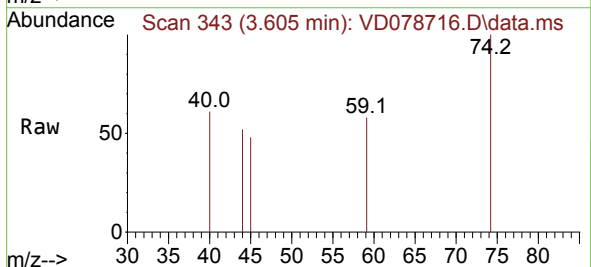
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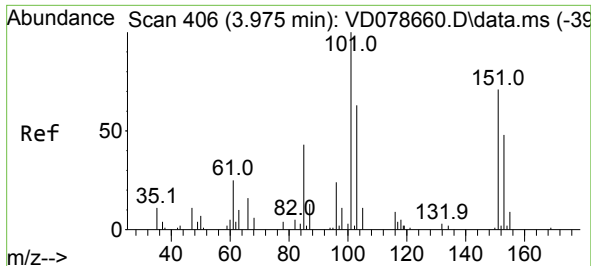
Tgt Ion:101 Resp: 3659
Ion Ratio Lower Upper
101 100
103 58.9 49.7 74.5



#8
Diethyl Ether
Concen: 2.327 ug/l
RT: 3.605 min Scan# 343
Delta R.T. 0.012 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 74 Resp: 1164
Ion Ratio Lower Upper
74 100
45 65.2 42.4 127.3

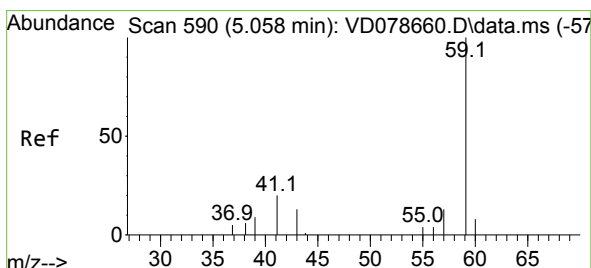
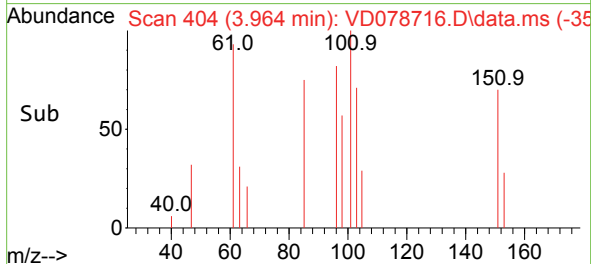
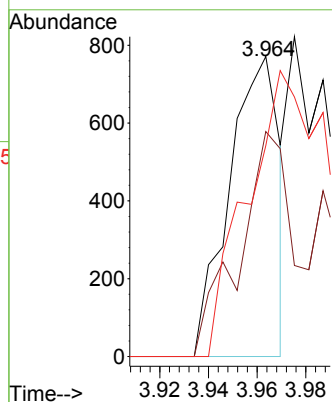
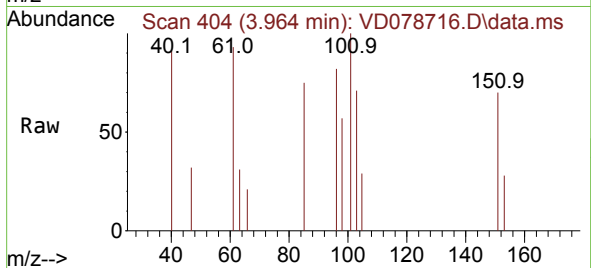




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.032 ug/l
RT: 3.964 min Scan# 406
Delta R.T. -0.012 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

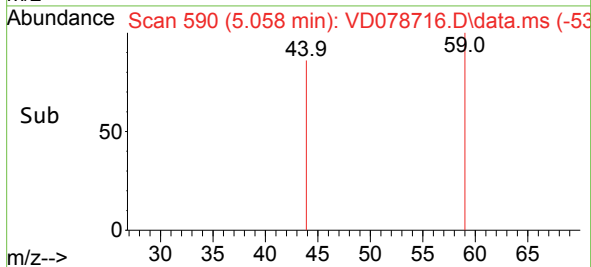
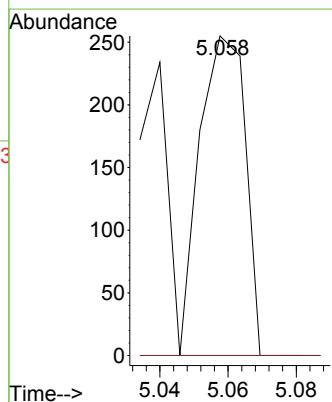
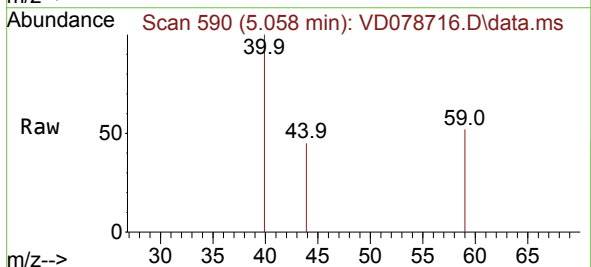
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MSVOA_D
ClientSampleId :

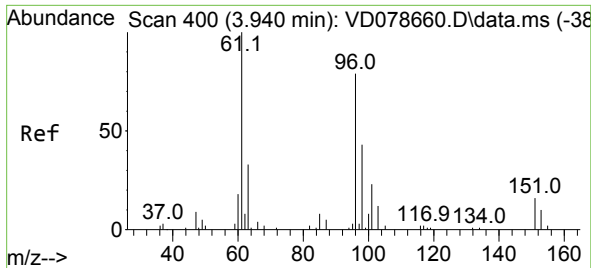
Tgt Ion:101 Resp: 1109
Ion Ratio Lower Upper
101 100
85 80.7 35.8 53.6#
151 163.9 59.4 89.2#



#11
Tert butyl alcohol
Concen: 5.681 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 59 Resp: 238
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

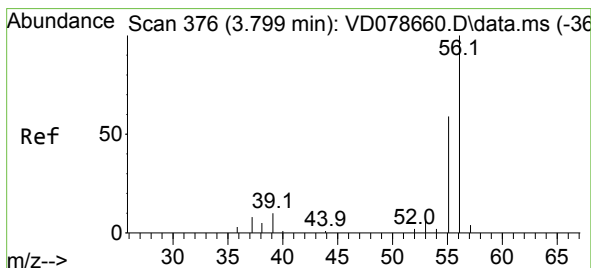
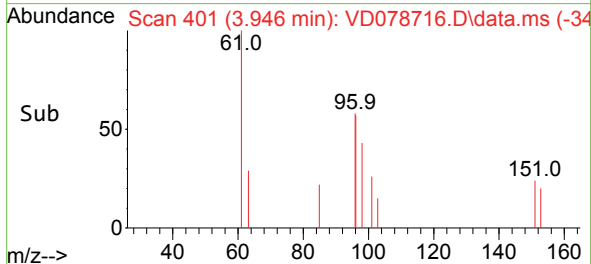
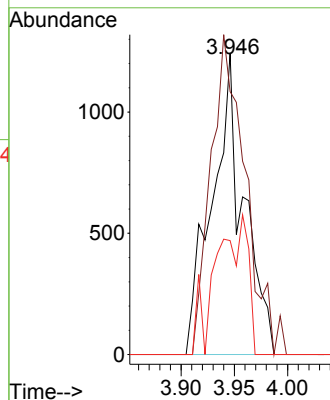
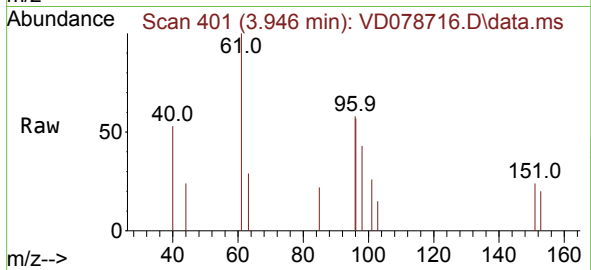




#12
1,1-Dichloroethene
Concen: 2.503 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

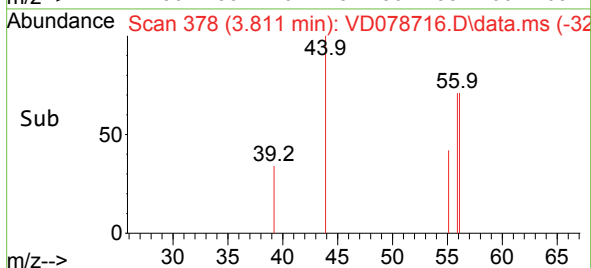
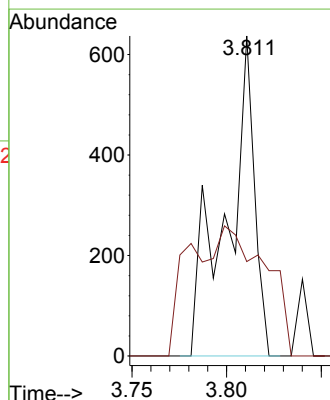
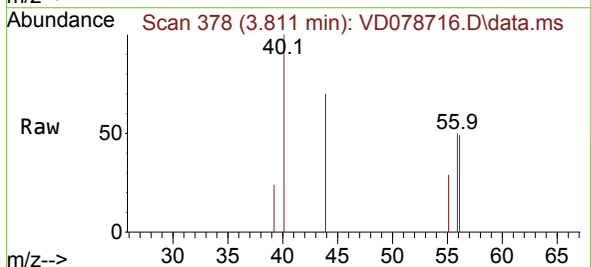
Instrument :
MSVOA_D
ClientSampleId :

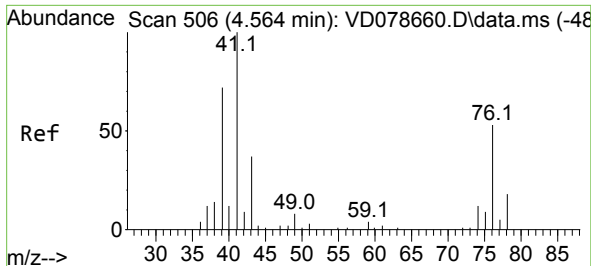
Tgt Ion: 96 Resp: 2558
Ion Ratio Lower Upper
96 100
61 87.2 101.4 152.0#
98 37.8 43.4 65.0#



#13
Acrolein
Concen: 9.828 ug/l
RT: 3.811 min Scan# 378
Delta R.T. 0.012 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

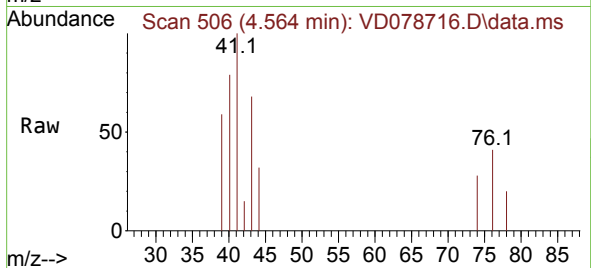
Tgt Ion: 56 Resp: 645
Ion Ratio Lower Upper
56 100
55 0.0 54.9 82.3#



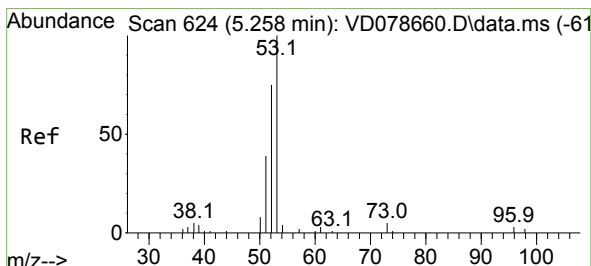
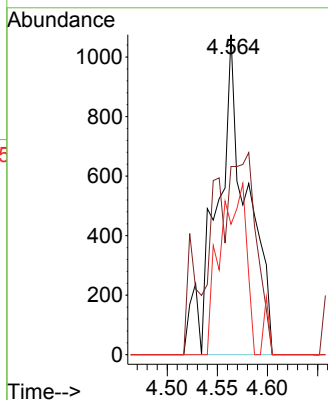
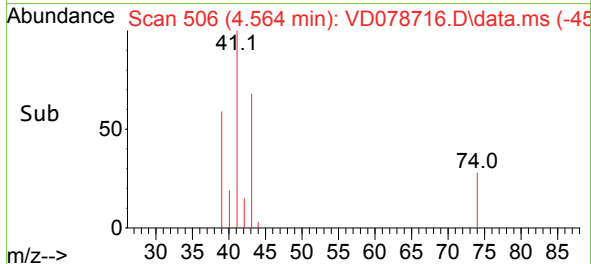


#14
 Allyl chloride
 Concen: 1.956 ug/l
 RT: 4.564 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VD078716.D
 Acq: 20 Mar 2024 13:05

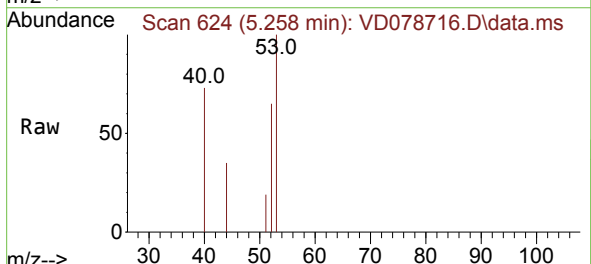
Instrument :
 MSVOA_D
 ClientSampleId :



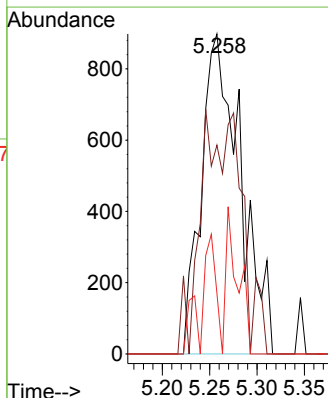
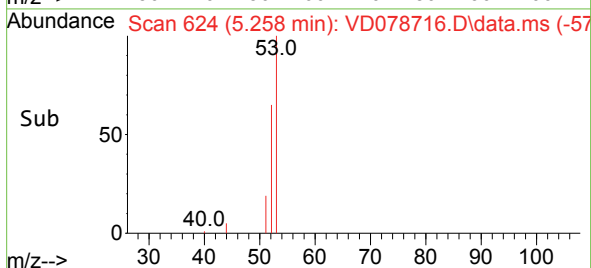
Tgt Ion: 41 Resp: 2231
 Ion Ratio Lower Upper
 41 100
 39 54.6 57.8 86.6#
 76 46.5 44.8 67.2

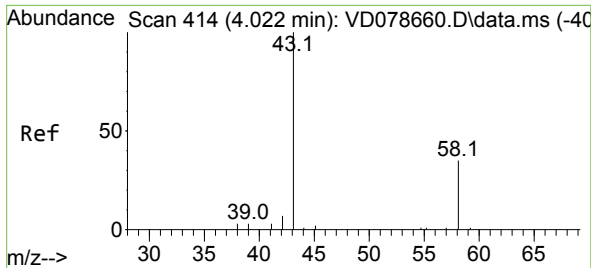


#15
 Acrylonitrile
 Concen: 12.815 ug/l
 RT: 5.258 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VD078716.D
 Acq: 20 Mar 2024 13:05



Tgt Ion: 53 Resp: 2584
 Ion Ratio Lower Upper
 53 100
 52 43.1 61.9 92.9#
 51 15.0 29.0 43.4#

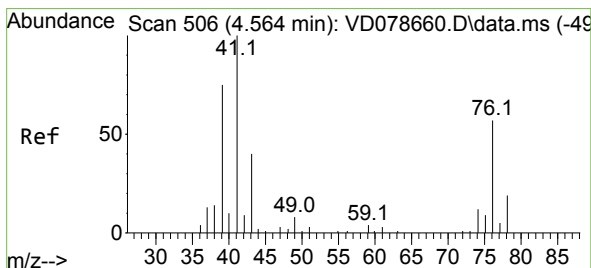
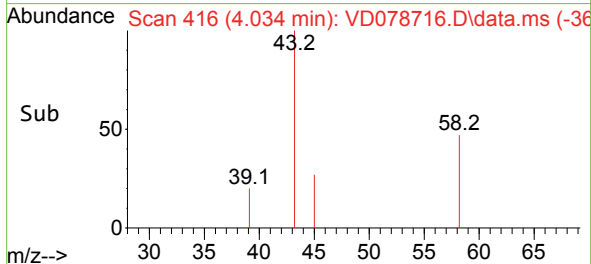
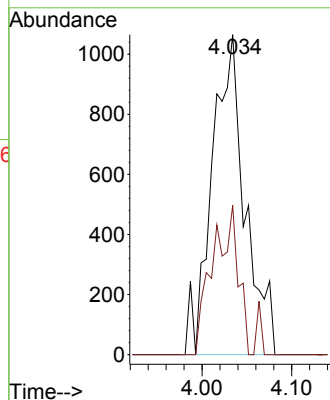
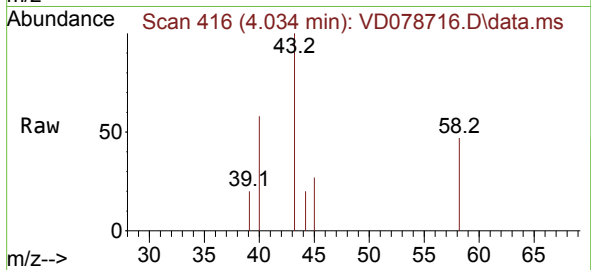




#16
Acetone
Concen: 15.026 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

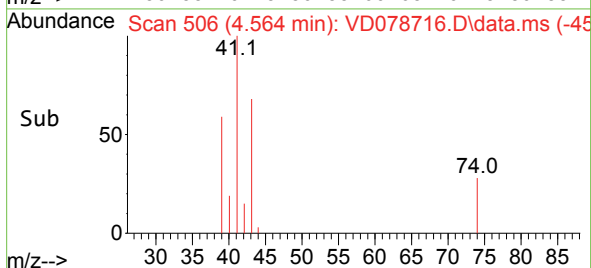
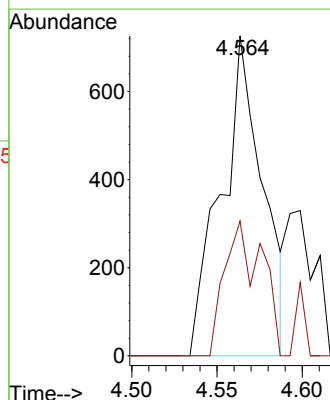
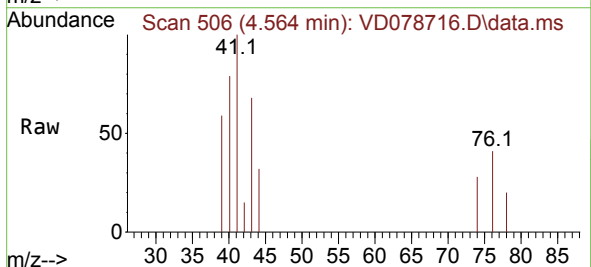
Instrument :
MSVOA_D
ClientSampleId :

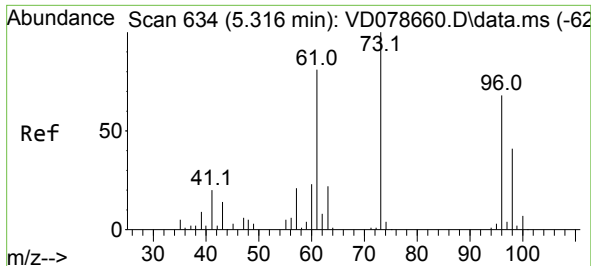
Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
58 46.8 28.2 42.4#



#18
Methyl Acetate
Concen: 3.164 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 43 Resp: 1229
Ion Ratio Lower Upper
43 100
74 37.7 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 2.127 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

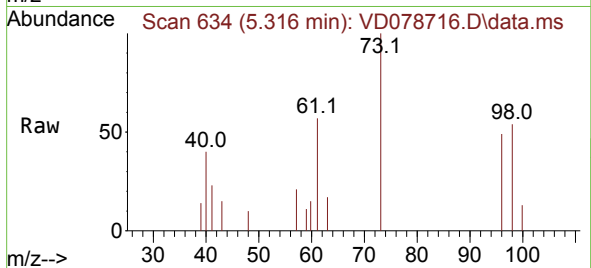
Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :

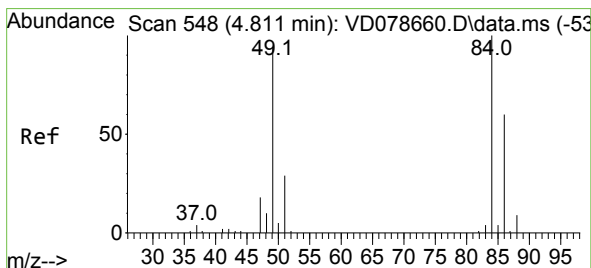
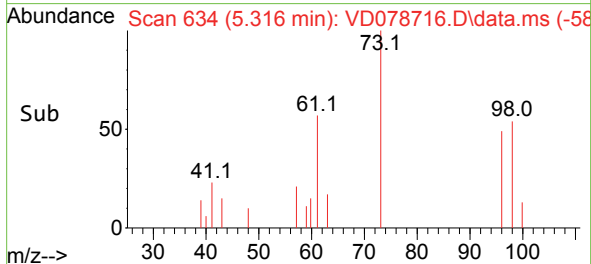
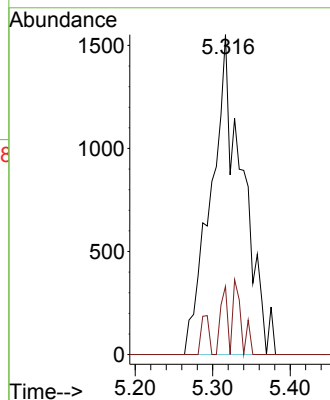


Tgt Ion: 73 Resp: 4385

Ion Ratio Lower Upper

73 100

57 21.3 16.4 24.6



#20

Methylene Chloride

Concen: 5.843 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.006 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Tgt Ion: 84 Resp: 8981

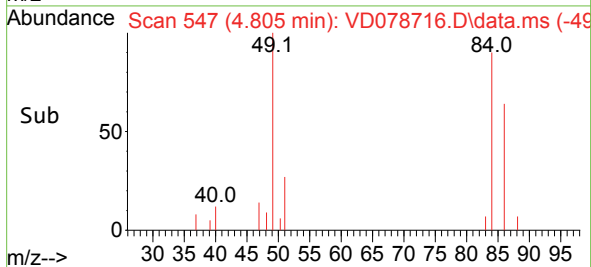
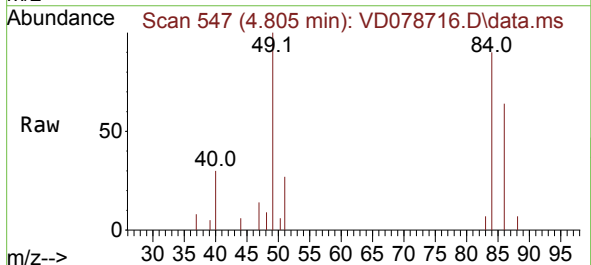
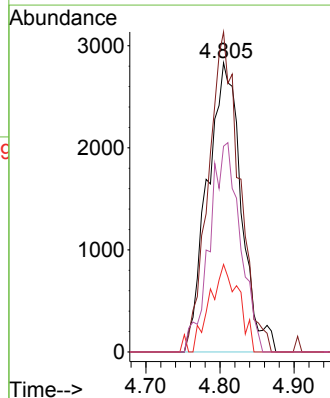
Ion Ratio Lower Upper

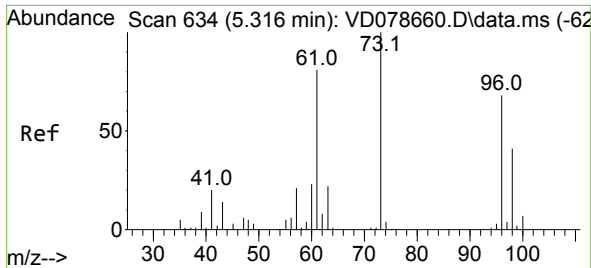
84 100

49 110.7 75.6 113.4

51 30.3 23.4 35.0

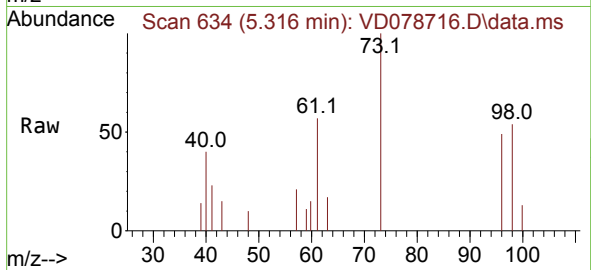
86 71.2 47.8 71.6



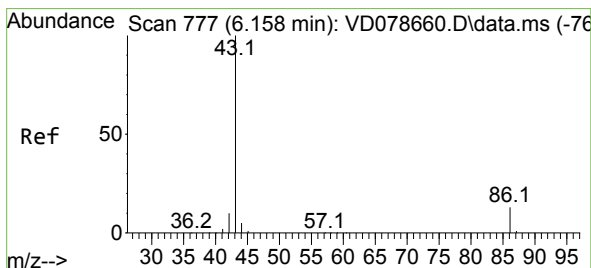
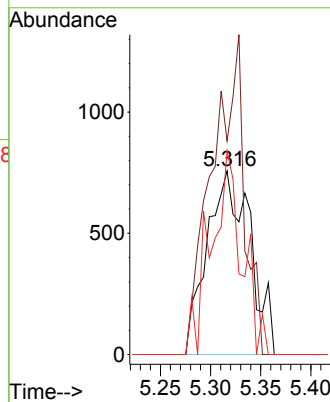
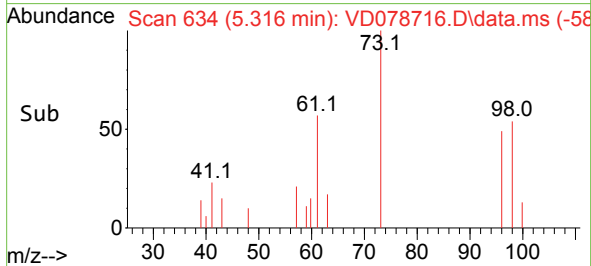


#21
trans-1,2-Dichloroethene
Concen: 1.875 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

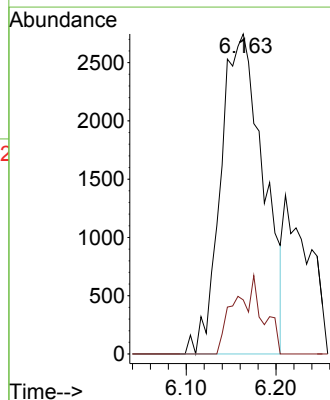
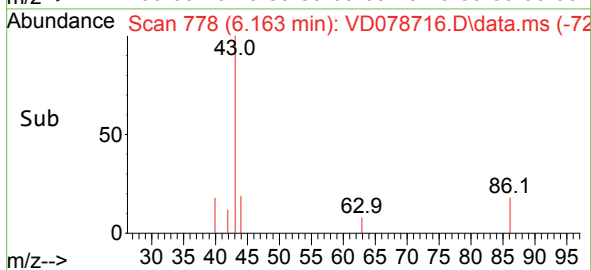
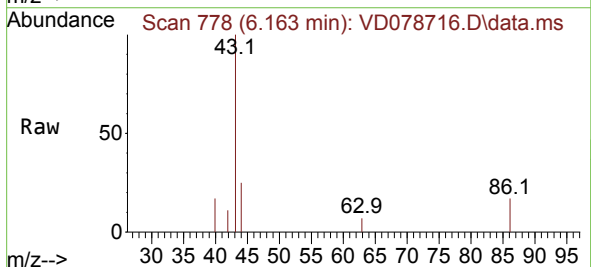


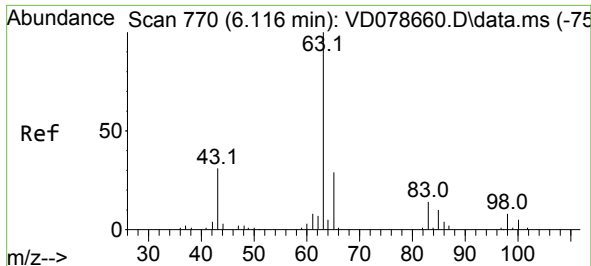
Tgt Ion: 96 Resp: 2261
Ion Ratio Lower Upper
96 100
61 116.4 96.1 144.1
98 111.0 48.9 73.3#



#23
Vinyl Acetate
Concen: 5.956 ug/l
RT: 6.163 min Scan# 778
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 43 Resp: 9033
Ion Ratio Lower Upper
43 100
86 16.9 10.7 16.1#

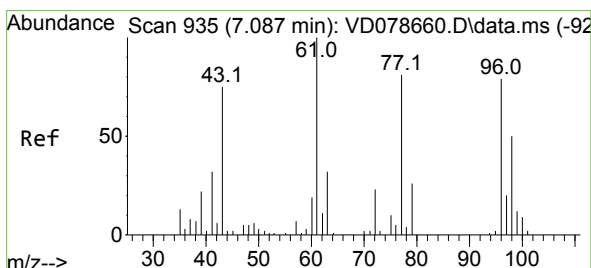
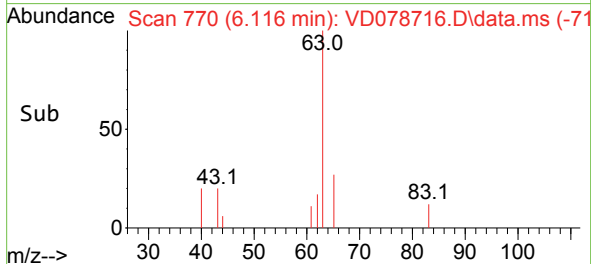
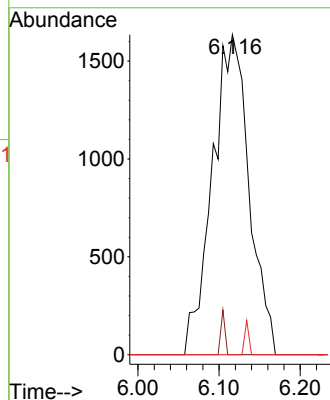
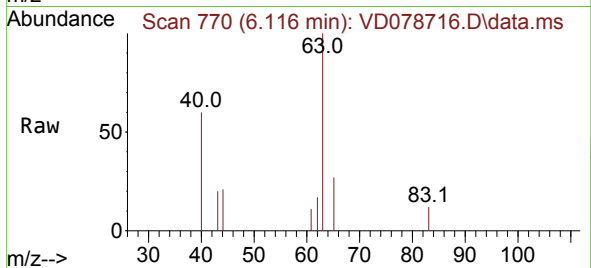




#24
1,1-Dichloroethane
Concen: 2.654 ug/l
RT: 6.116 min Scan# 71
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

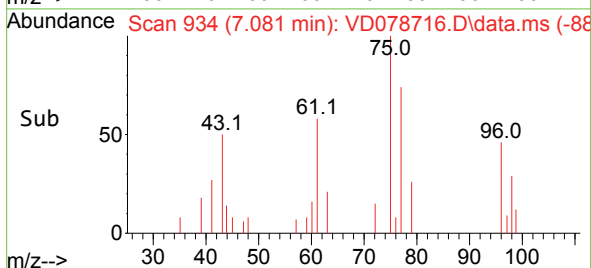
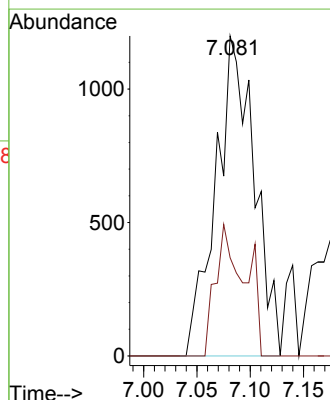
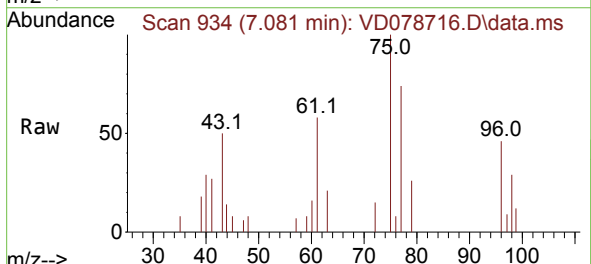
Instrument :
MSVOA_D
ClientSampleId :

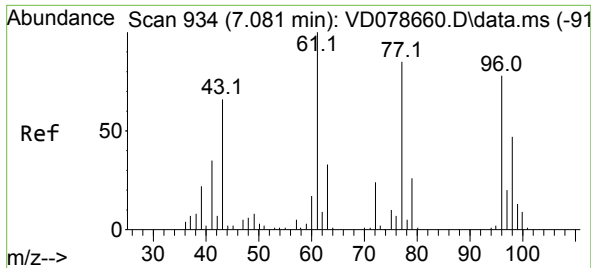
Tgt Ion: 63 Resp: 5160
Ion Ratio Lower Upper
63 100
98 0.0 4.0 11.9#
100 0.0 2.7 8.1#



#25
2-Butanone
Concen: 12.523 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 43 Resp: 3014
Ion Ratio Lower Upper
43 100
72 30.7 25.0 37.6

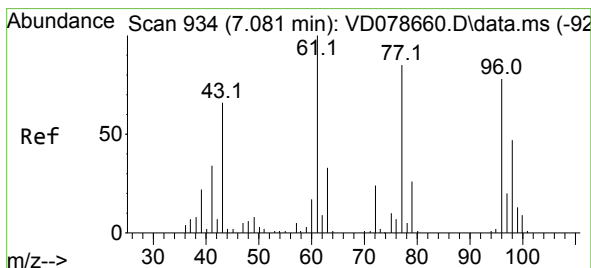
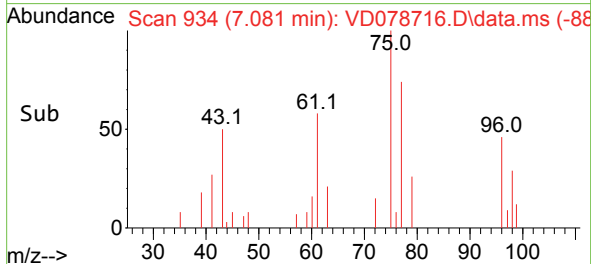
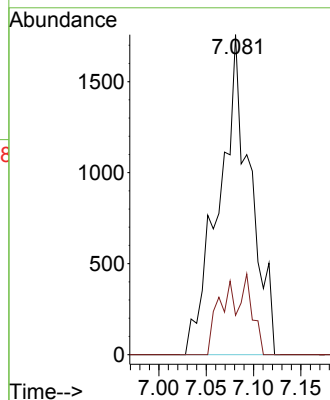
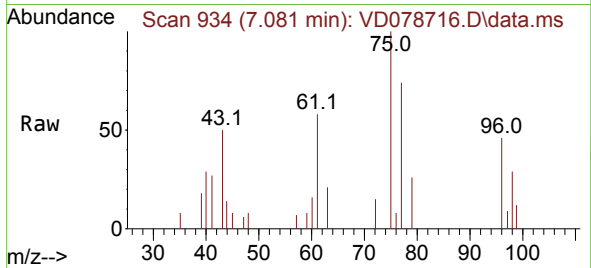




#26
2,2-Dichloropropane
Concen: 2.458 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

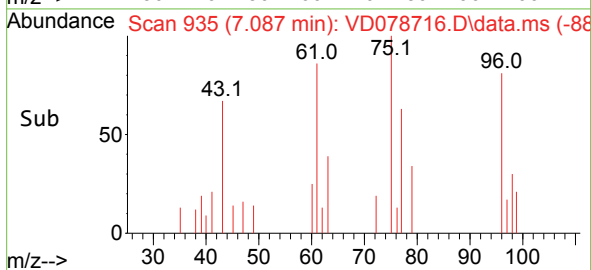
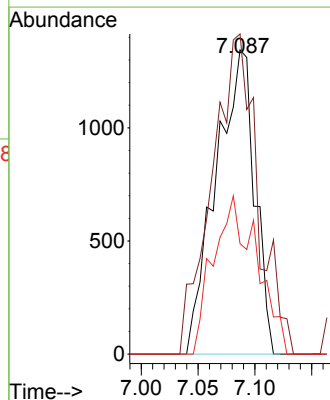
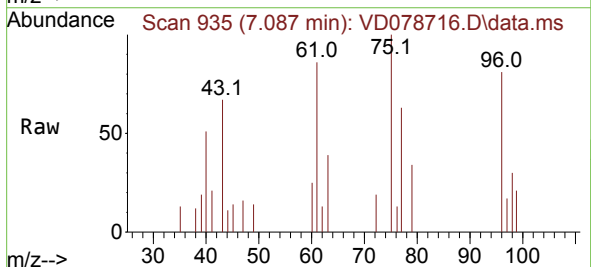
Instrument :
MSVOA_D
ClientSampleId :

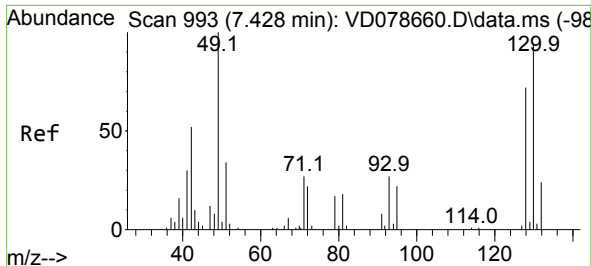
Tgt Ion: 77 Resp: 4043
Ion Ratio Lower Upper
77 100
97 12.3 12.4 37.0#



#27
cis-1,2-Dichloroethene
Concen: 2.323 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

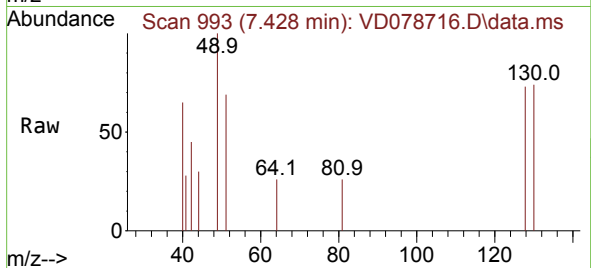
Tgt Ion: 96 Resp: 3195
Ion Ratio Lower Upper
96 100
61 123.7 0.0 245.0
98 58.2 0.0 126.6



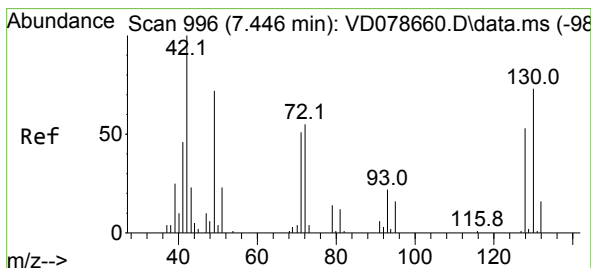
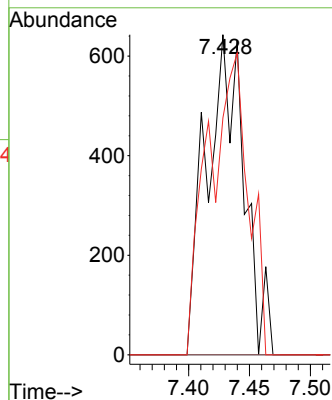
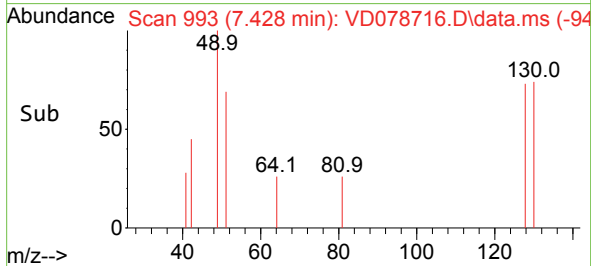


#28
Bromochloromethane
Concen: 1.998 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

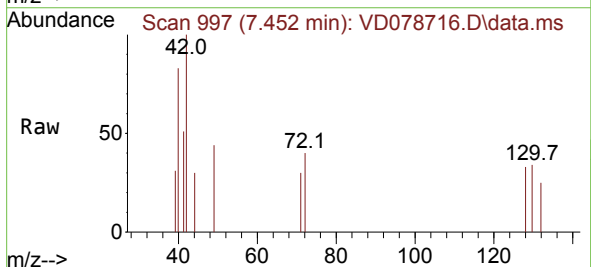
Instrument :
MSVOA_D
ClientSampleId :



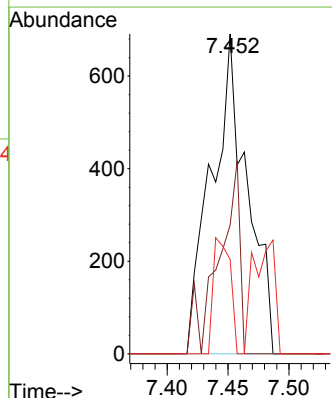
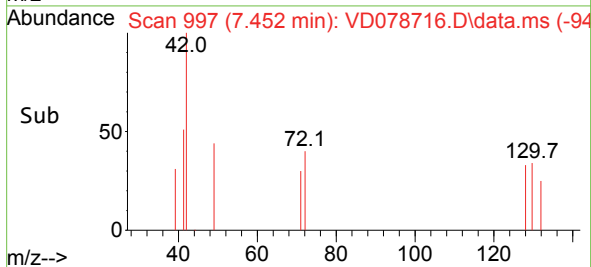
Tgt Ion: 49 Resp: 1385
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.2
130 100.8 77.1 115.7

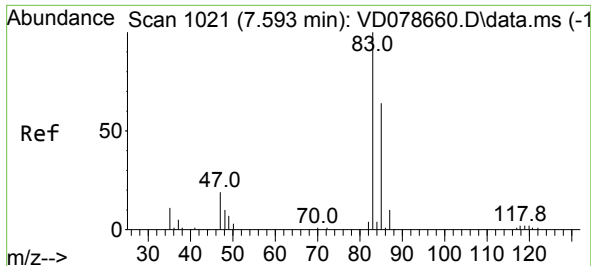


#29
Tetrahydrofuran
Concen: 10.733 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05



Tgt Ion: 42 Resp: 1405
Ion Ratio Lower Upper
42 100
72 35.7 43.8 65.6#
71 17.3 42.0 63.0#





#30

Chloroform

Concen: 2.250 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

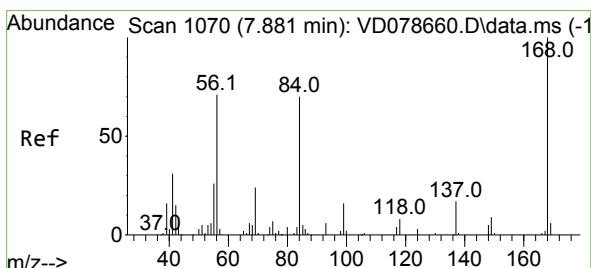
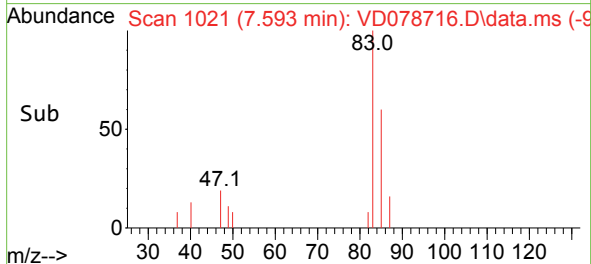
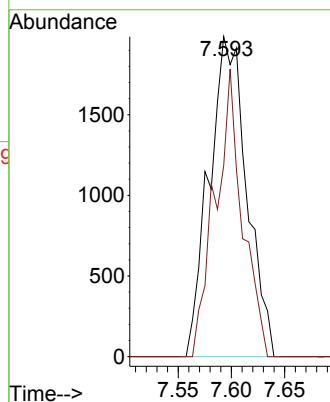
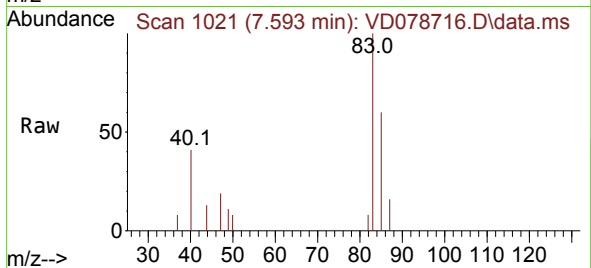
ClientSampleId :

Tgt Ion: 83 Resp: 4876

Ion Ratio Lower Upper

83 100

85 59.7 51.2 76.8



#31

Cyclohexane

Concen: 2.835 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

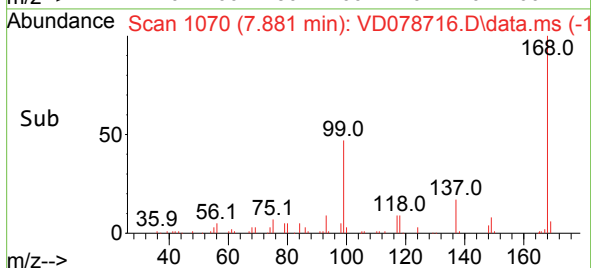
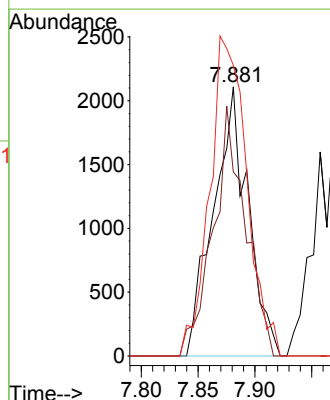
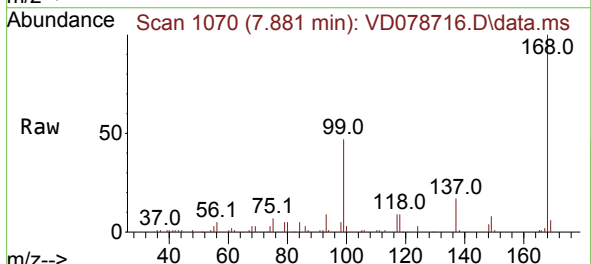
Tgt Ion: 56 Resp: 4460

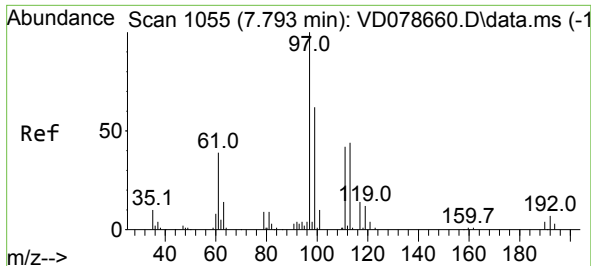
Ion Ratio Lower Upper

56 100

69 68.5 26.6 40.0#

84 108.0 79.4 119.2

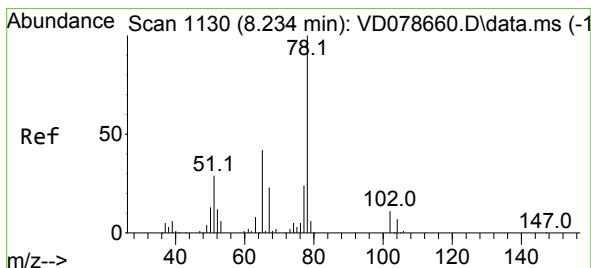
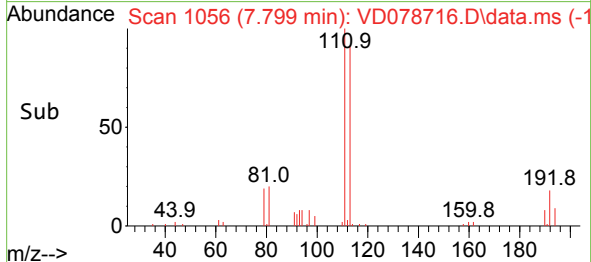
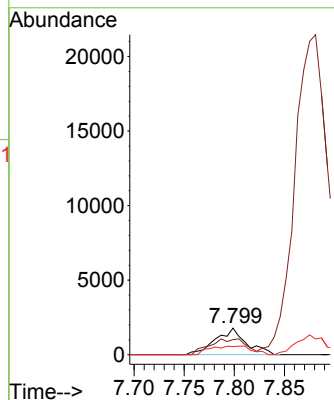
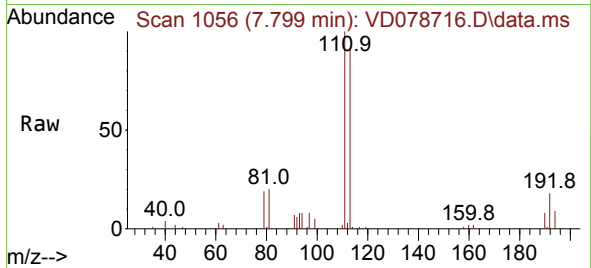




#32
1,1,1-Trichloroethane
Concen: 2.048 ug/l
RT: 7.799 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

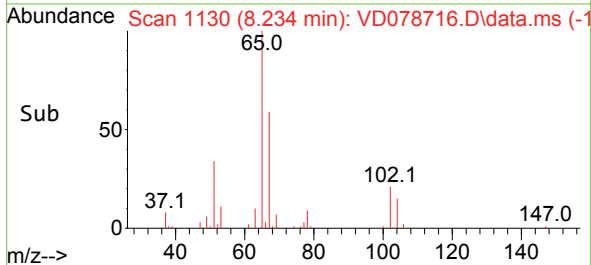
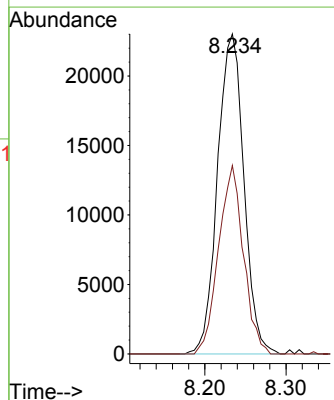
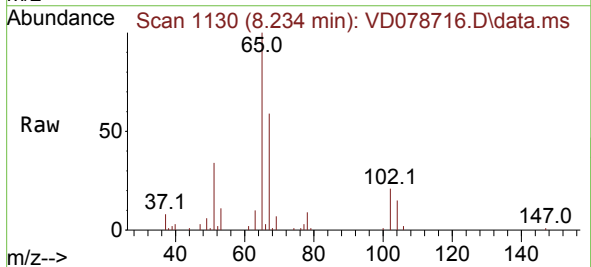
Instrument :
MSVOA_D
ClientSampleId :

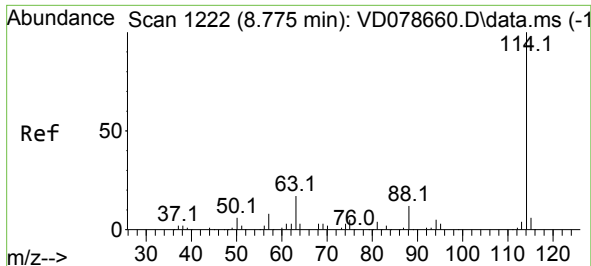
Tgt Ion: 97 Resp: 3767
Ion Ratio Lower Upper
97 100
99 0.0 50.8 76.2#
61 43.9 33.0 49.6



#33
1,2-Dichloroethane-d4
Concen: 55.494 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 65 Resp: 51950
Ion Ratio Lower Upper
65 100
67 55.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :

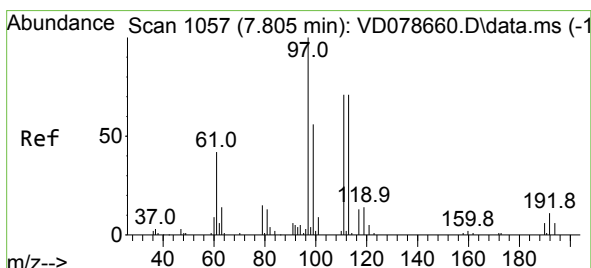
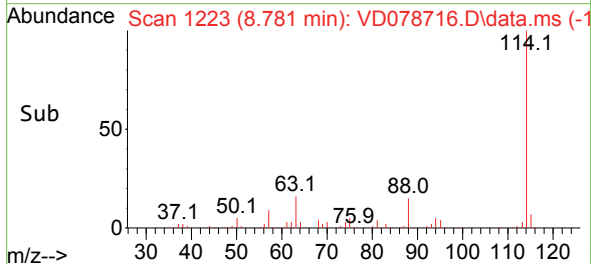
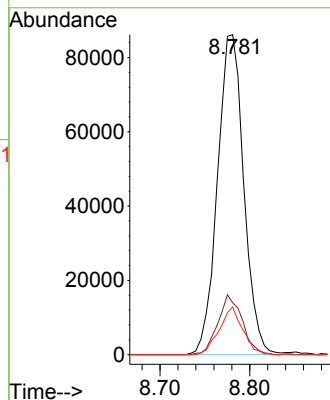
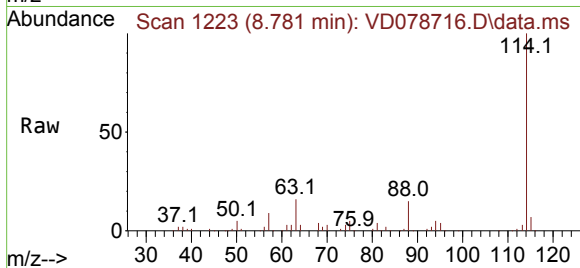
Tgt Ion:114 Resp: 175417

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 14.9 0.0 24.6



#35

Dibromofluoromethane

Concen: 52.894 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

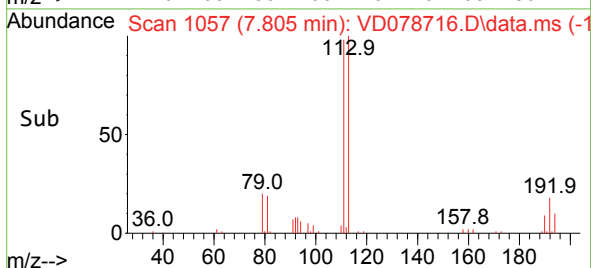
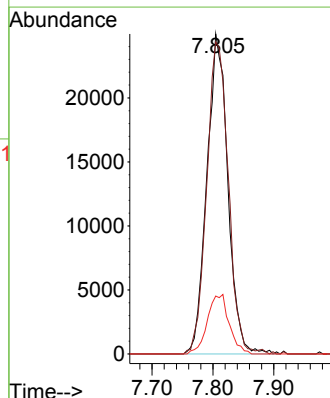
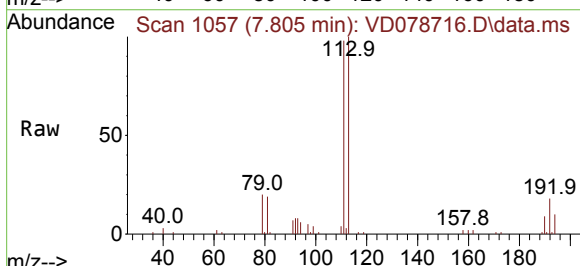
Tgt Ion:113 Resp: 59740

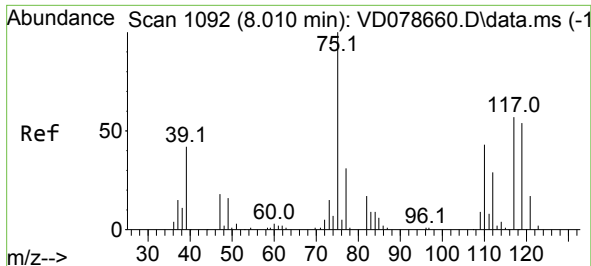
Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

192 19.3 15.4 23.0

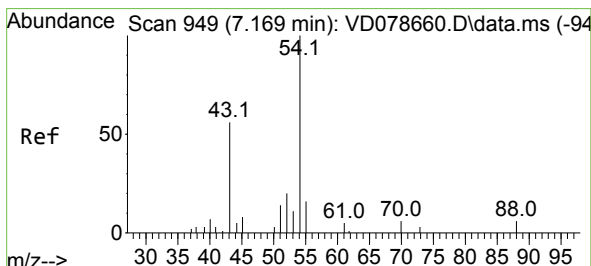
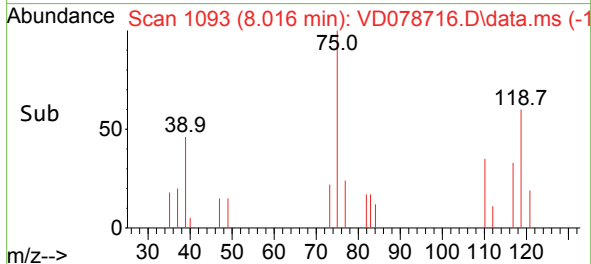
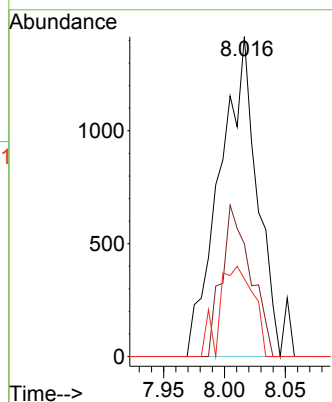
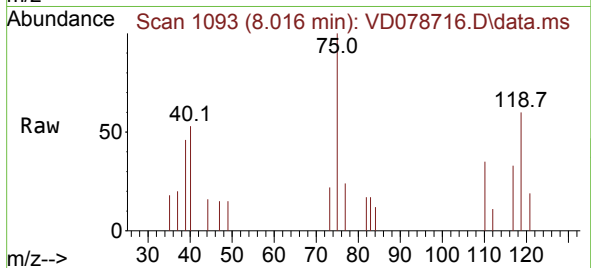




#36
1,1-Dichloropropene
Concen: 1.837 ug/l
RT: 8.016 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

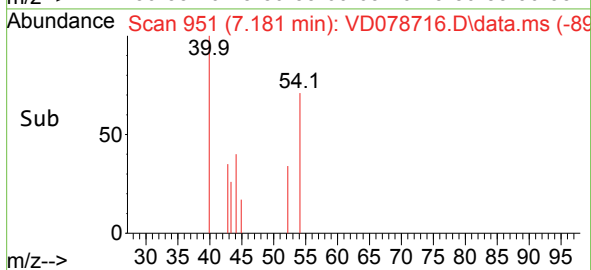
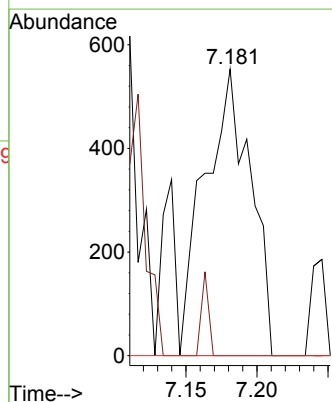
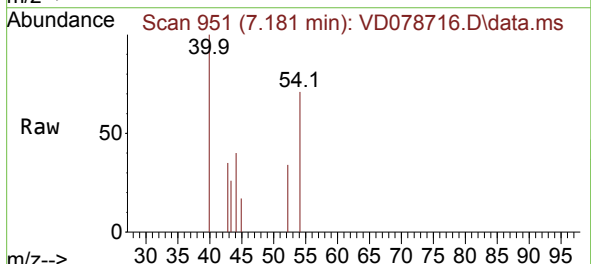
Instrument :
MSVOA_D
ClientSampleId :

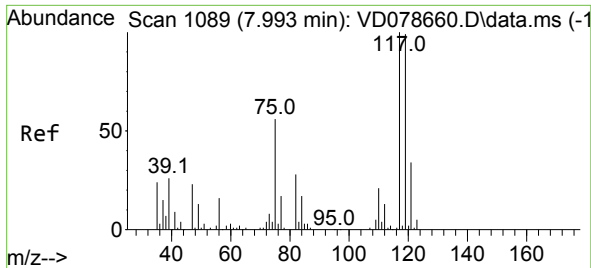
Tgt Ion: 75 Resp: 3010
Ion Ratio Lower Upper
75 100
110 37.1 19.1 57.1
77 26.0 25.4 38.2



#37
Ethyl Acetate
Concen: 2.327 ug/l
RT: 7.181 min Scan# 951
Delta R.T. 0.012 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

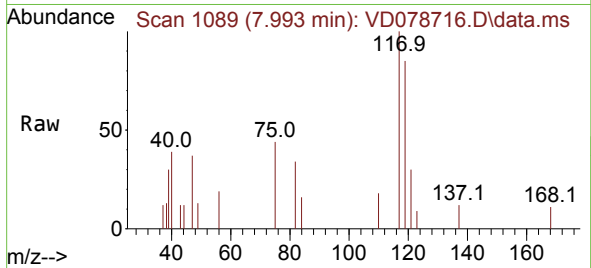
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
61 0.0 14.6 21.8#
70 0.0 9.4 14.0#



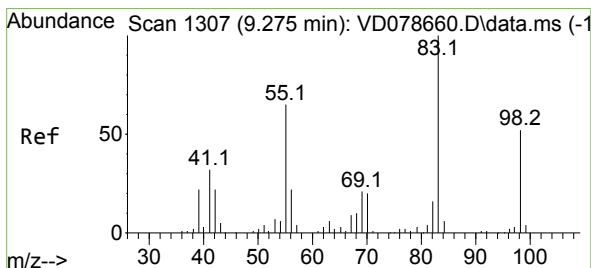
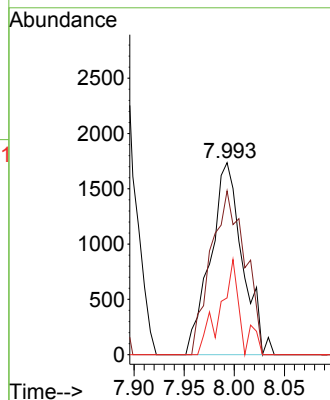
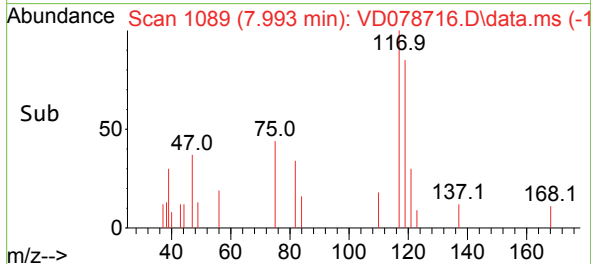


#38
Carbon Tetrachloride
Concen: 2.230 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

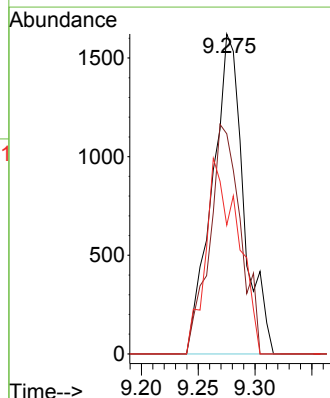
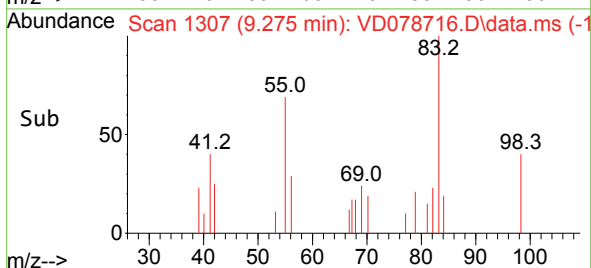
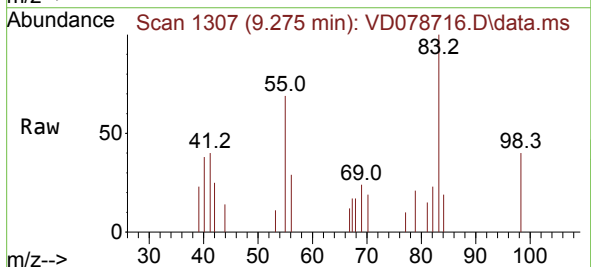


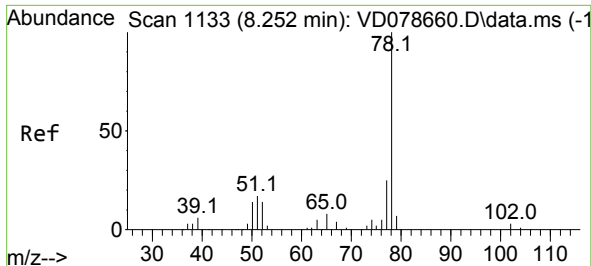
Tgt Ion:117 Resp: 3853
Ion Ratio Lower Upper
117 100
119 85.3 79.2 118.8
121 29.6 26.8 40.2



#39
Methylcyclohexane
Concen: 1.649 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 83 Resp: 3134
Ion Ratio Lower Upper
83 100
55 68.8 51.7 77.5
98 40.3 41.4 62.0#

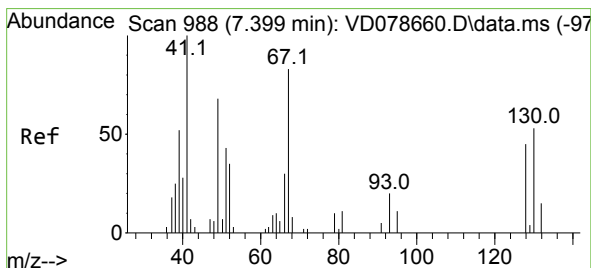
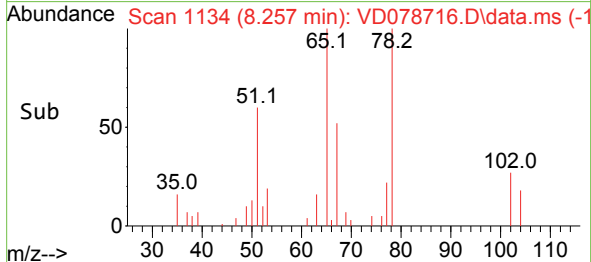
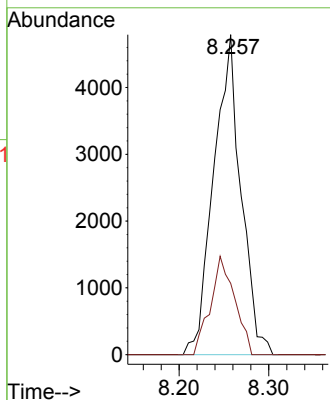
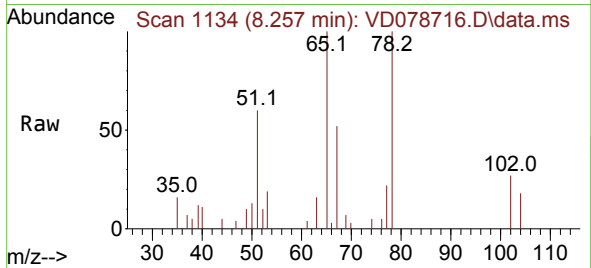




#40
Benzene
Concen: 2.040 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

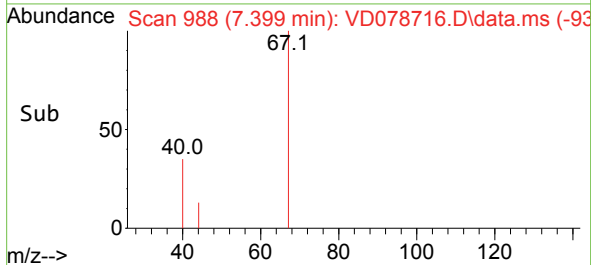
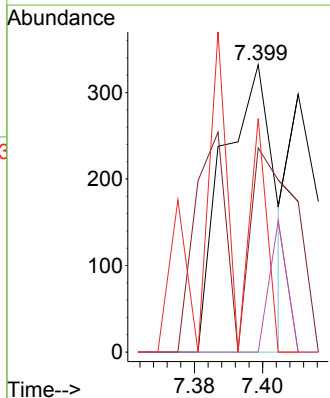
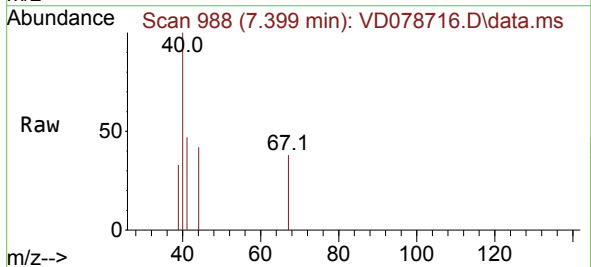
Instrument :
MSVOA_D
ClientSampleId :

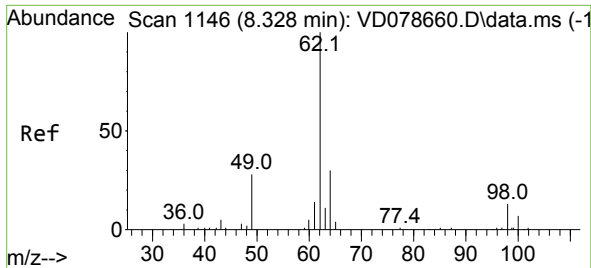
Tgt Ion: 78 Resp: 10107
Ion Ratio Lower Upper
78 100
77 22.3 20.4 30.6



#41
Methacrylonitrile
Concen: 1.233 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 41 Resp: 346
Ion Ratio Lower Upper
41 100
39 62.1 39.8 59.6#
67 0.0 83.5 125.3#
52 15.6 30.3 45.5#





#42

1,2-Dichloroethane

Concen: 2.275 ug/l

RT: 8.334 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

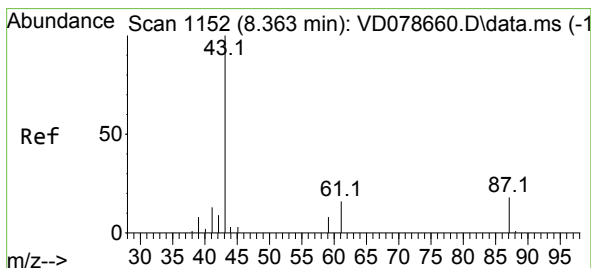
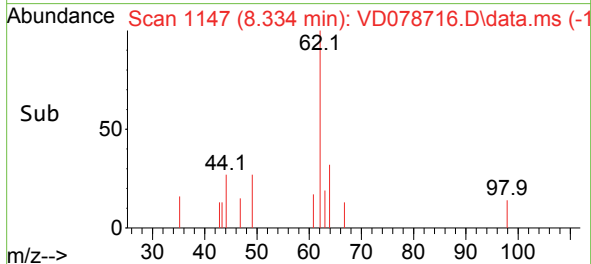
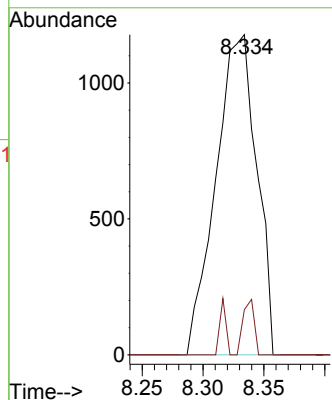
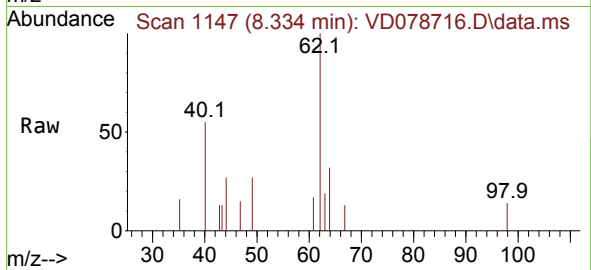
ClientSampleId :

Tgt Ion: 62 Resp: 2748

Ion Ratio Lower Upper

62 100

98 4.8 0.0 23.8



#43

Isopropyl Acetate

Concen: 2.321 ug/l

RT: 8.375 min Scan# 1154

Delta R.T. 0.012 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

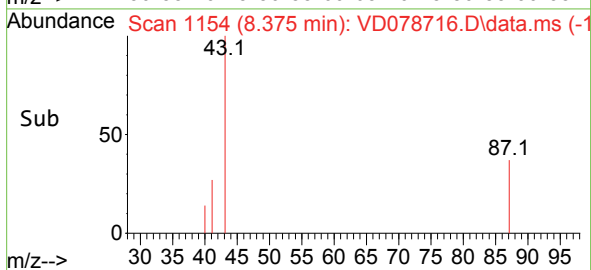
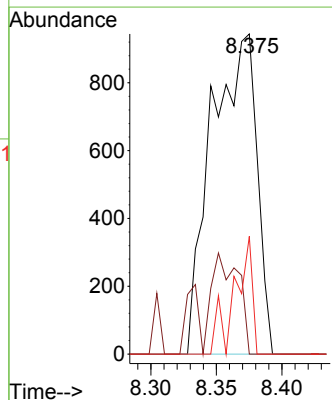
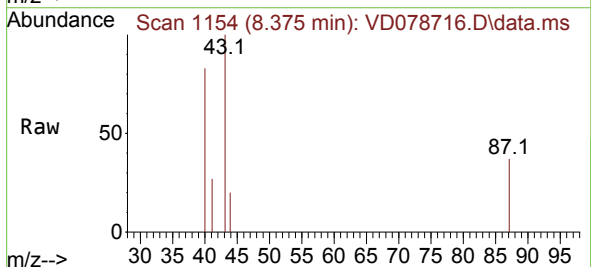
Tgt Ion: 43 Resp: 2260

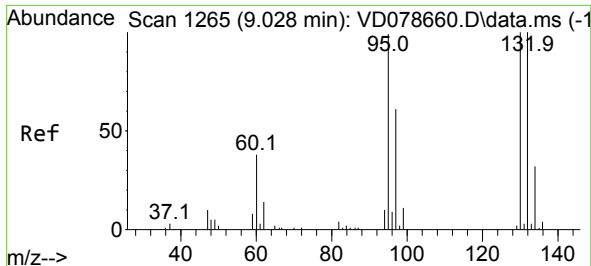
Ion Ratio Lower Upper

43 100

61 0.0 30.1 45.1#

87 14.5 14.4 21.6

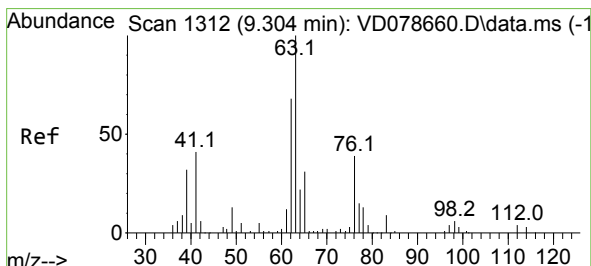
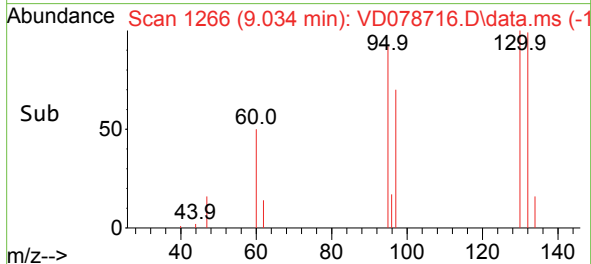
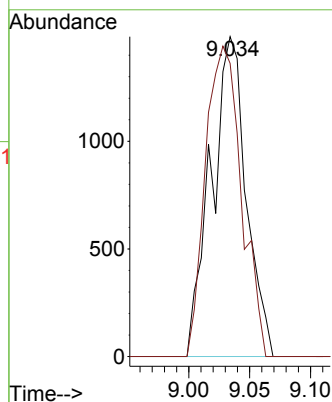
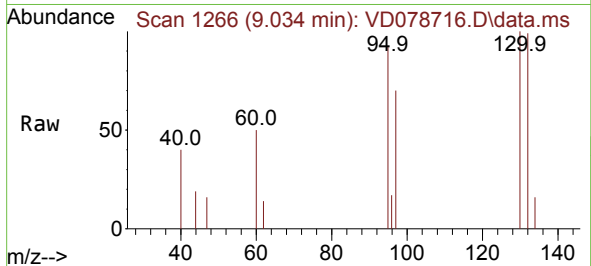




#44
Trichloroethene
Concen: 2.214 ug/l
RT: 9.034 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

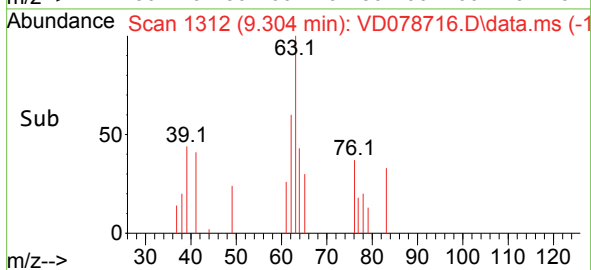
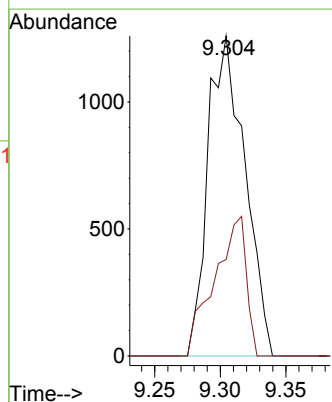
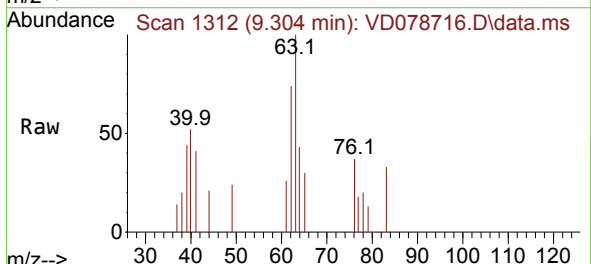
Instrument :
MSVOA_D
ClientSampleId :

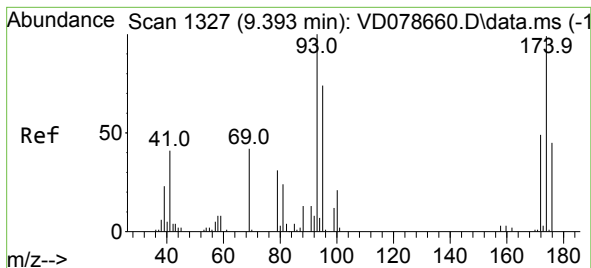
Tgt Ion:130 Resp: 2976
Ion Ratio Lower Upper
130 100
95 91.7 0.0 197.8



#45
1,2-Dichloropropane
Concen: 2.100 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 63 Resp: 2468
Ion Ratio Lower Upper
63 100
65 30.2 24.8 37.2





#46

Dibromomethane

Concen: 2.442 ug/l

RT: 9.393 min Scan# 11

Delta R.T. -0.000 min

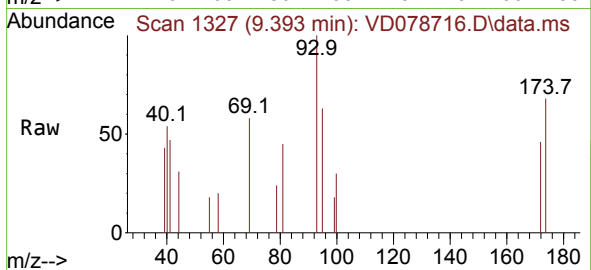
Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :



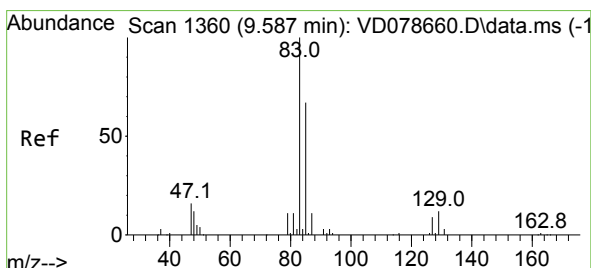
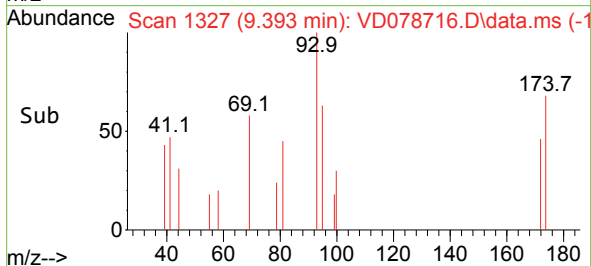
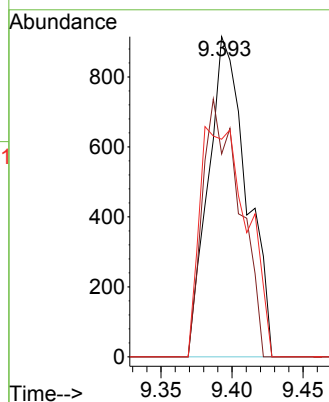
Tgt Ion: 93 Resp: 1720

Ion Ratio Lower Upper

93 100

95 78.1 67.3 100.9

174 87.9 80.9 121.3



#47

Bromodichloromethane

Concen: 2.475 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

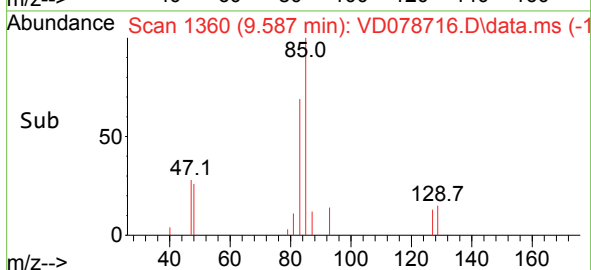
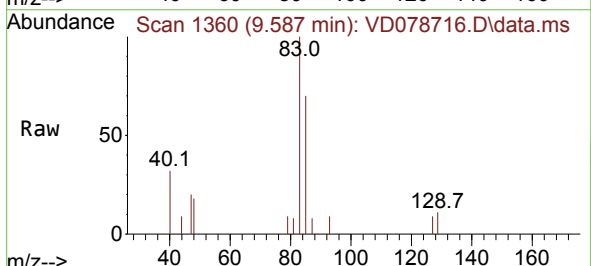
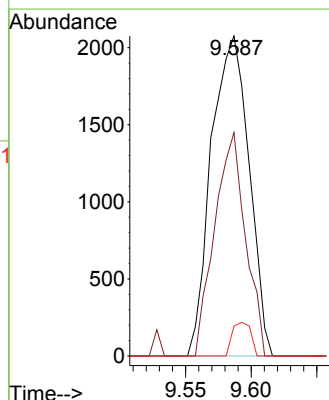
Tgt Ion: 83 Resp: 4151

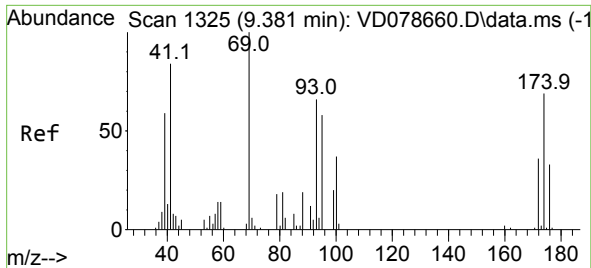
Ion Ratio Lower Upper

83 100

85 69.8 54.0 81.0

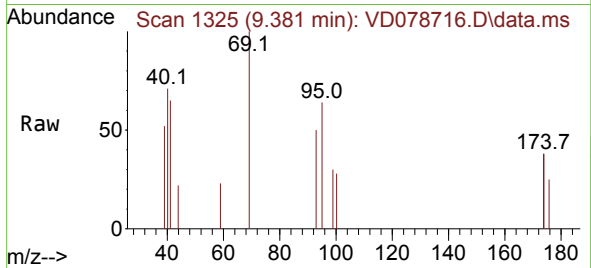
127 9.3 7.1 10.7



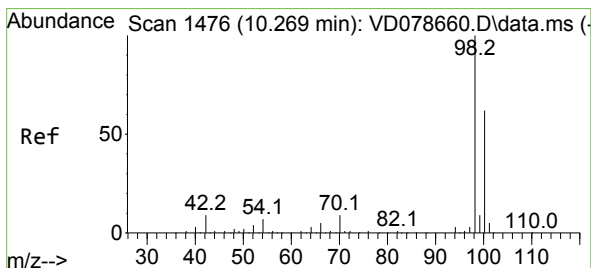
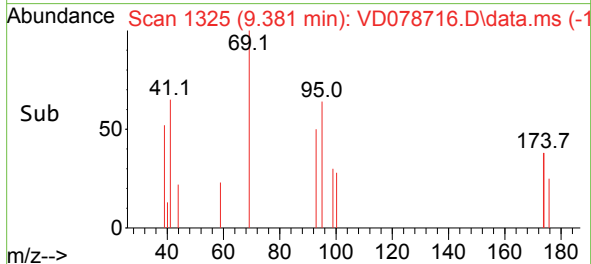
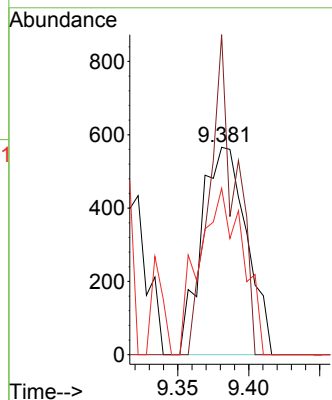


#48
Methyl methacrylate
Concen: 2.639 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Instrument :
MSVOA_D
ClientSampleId :

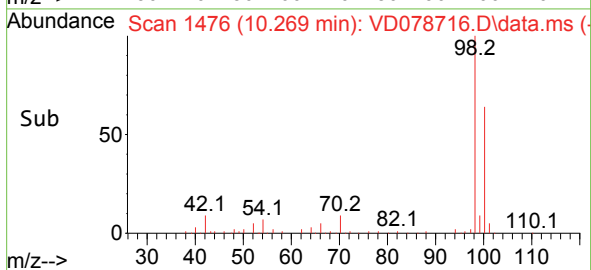
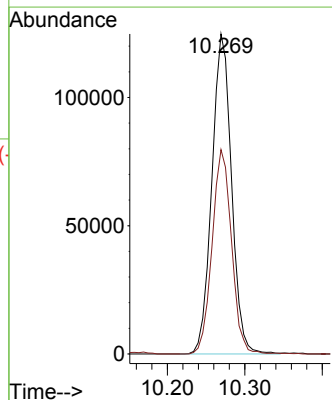
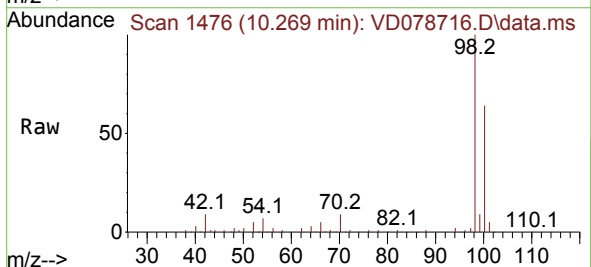


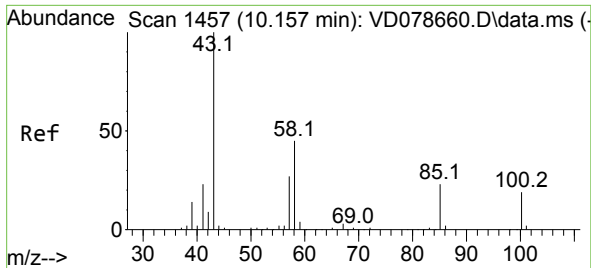
Tgt Ion: 41 Resp: 1252
Ion Ratio Lower Upper
41 100
69 91.1 88.3 132.5
39 77.8 46.6 69.8#



#50
Toluene-d8
Concen: 52.919 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 98 Resp: 219809
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 9.769 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

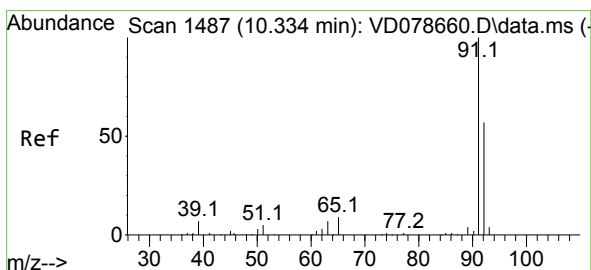
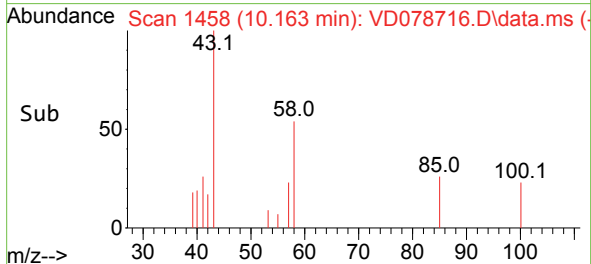
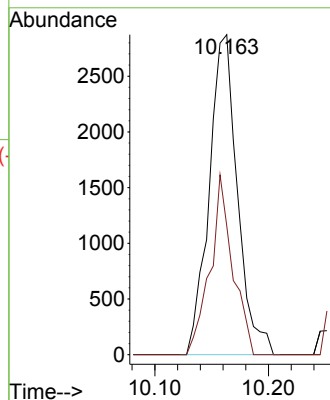
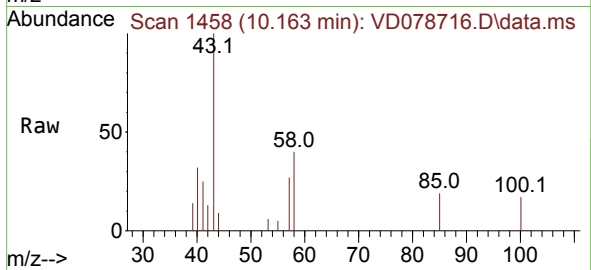
ClientSampleId :

Tgt Ion: 43 Resp: 4972

Ion Ratio Lower Upper

43 100

58 44.7 36.4 54.6



#52

Toluene

Concen: 2.140 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078716.D

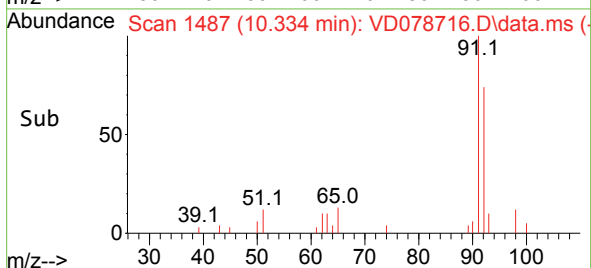
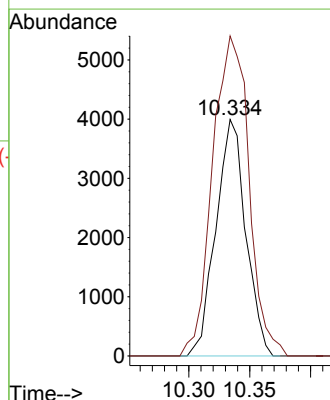
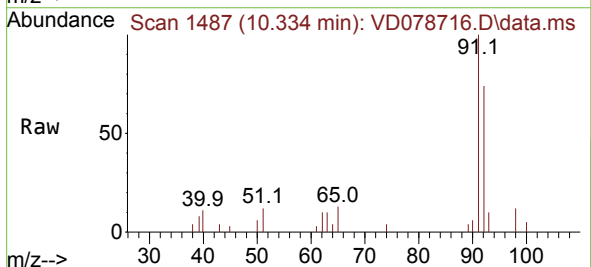
Acq: 20 Mar 2024 13:05

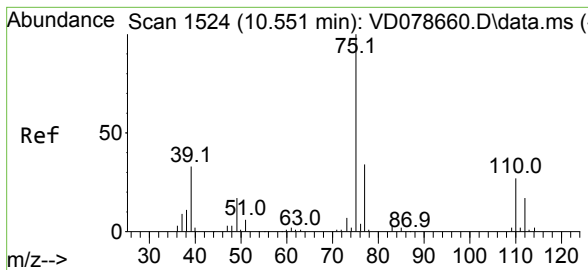
Tgt Ion: 92 Resp: 6826

Ion Ratio Lower Upper

92 100

91 164.8 136.6 205.0

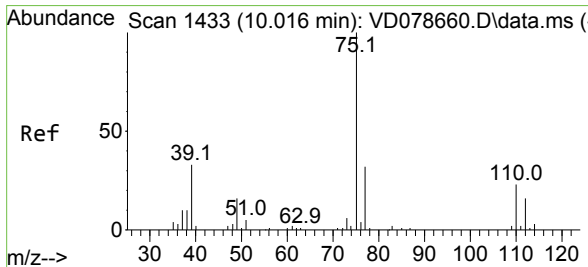
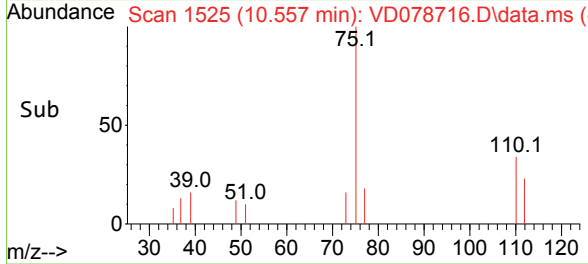
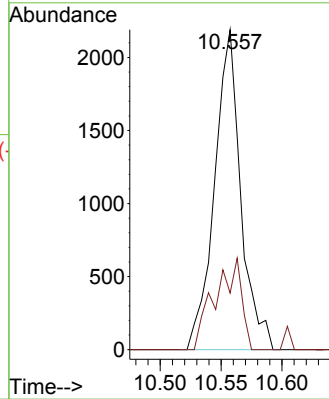
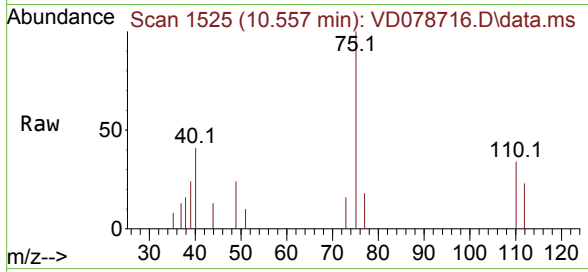




#53
 t-1,3-Dichloropropene
 Concen: 2.138 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD078716.D
 Acq: 20 Mar 2024 13:05

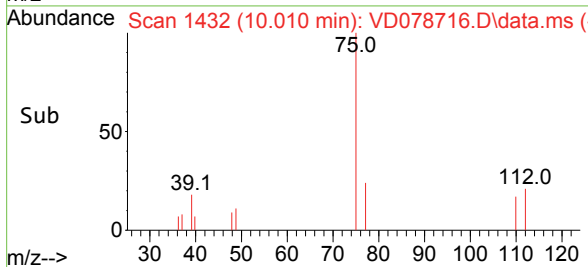
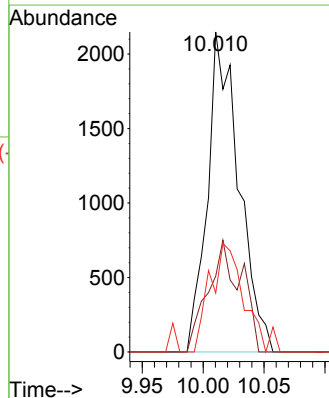
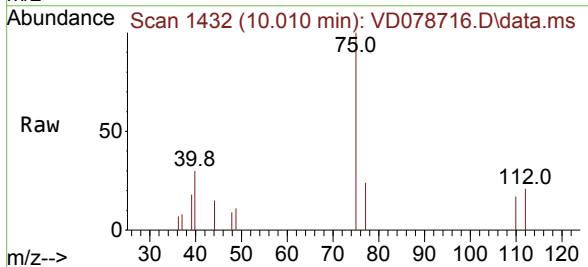
Instrument :
 MSVOA_D
 ClientSampleId :

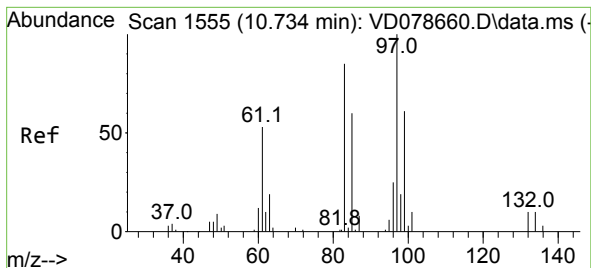
Tgt Ion: 75 Resp: 3278
 Ion Ratio Lower Upper
 75 100
 77 17.7 27.1 40.7#



#54
 cis-1,3-Dichloropropene
 Concen: 2.088 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD078716.D
 Acq: 20 Mar 2024 13:05

Tgt Ion: 75 Resp: 3849
 Ion Ratio Lower Upper
 75 100
 77 23.7 25.4 38.0#
 39 18.4 26.7 40.1#





#55

1,1,2-Trichloroethane

Concen: 2.615 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

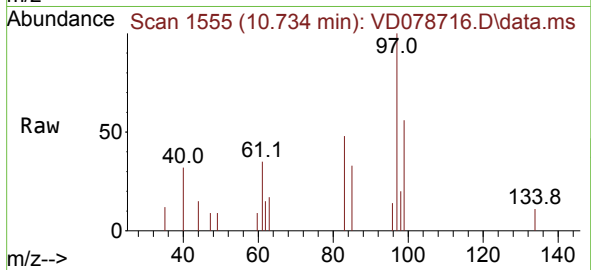
Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 2467

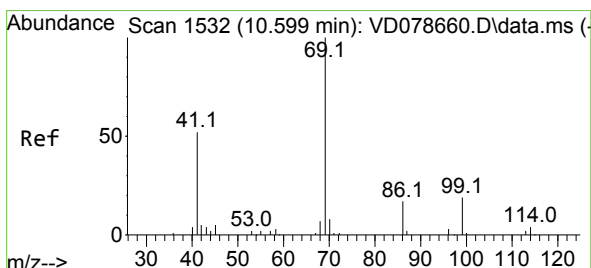
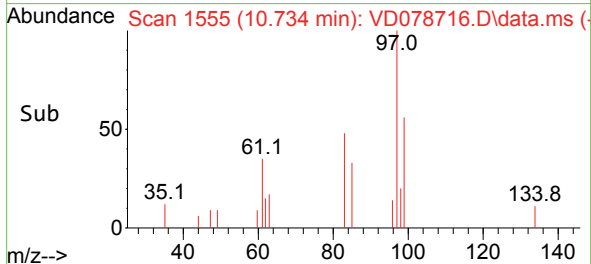
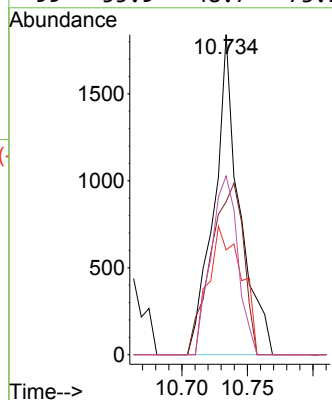
Ion Ratio Lower Upper

97 100

83 47.8 68.1 102.1#

85 32.8 48.2 72.2#

99 55.9 48.7 73.1



#56

Ethyl methacrylate

Concen: 1.348 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. -0.000 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

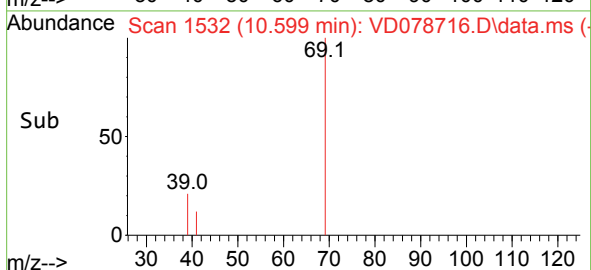
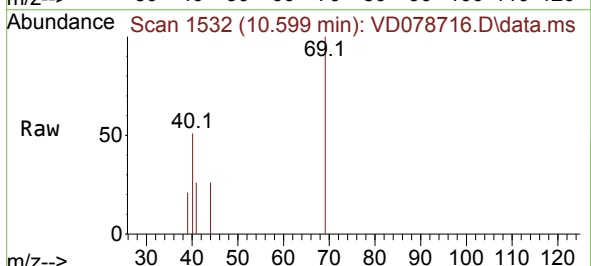
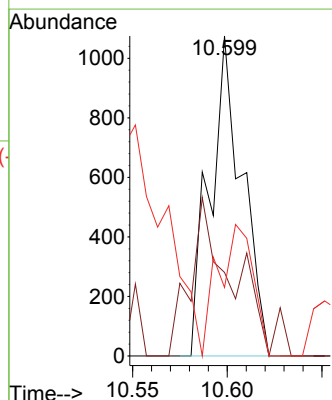
Tgt Ion: 69 Resp: 1275

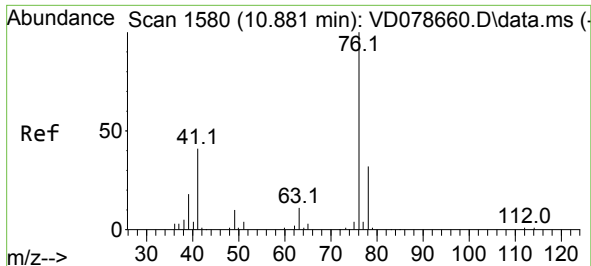
Ion Ratio Lower Upper

69 100

41 67.0 40.9 61.3#

39 44.1 25.5 38.3#





#57

1,3-Dichloropropane

Concen: 2.069 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

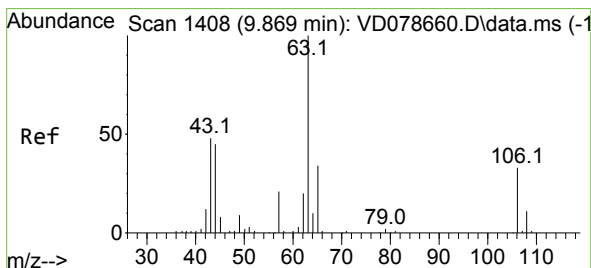
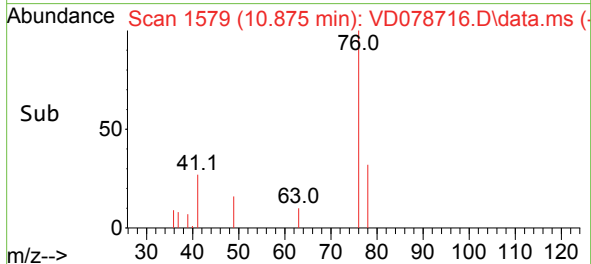
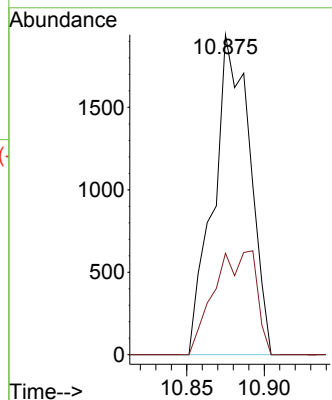
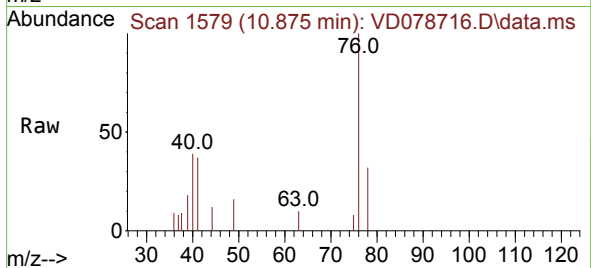
ClientSampleId :

Tgt Ion: 76 Resp: 3149

Ion Ratio Lower Upper

76 100

78 38.0 26.8 40.2



#58

2-Chloroethyl Vinyl ether

Concen: 9.027 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078716.D

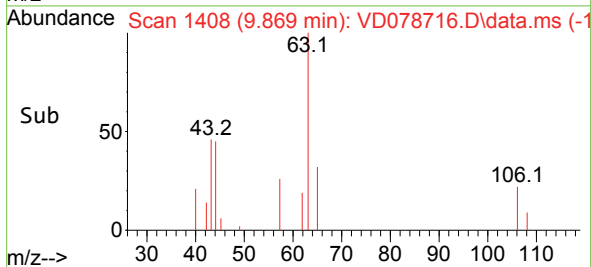
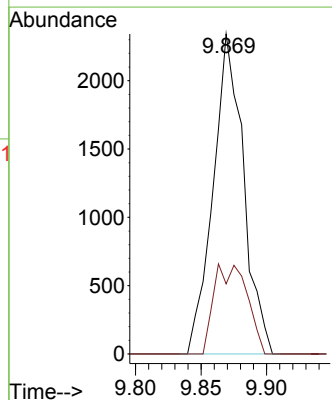
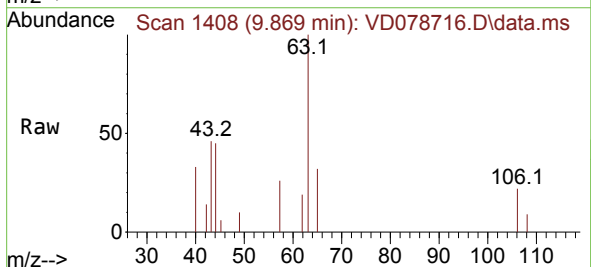
Acq: 20 Mar 2024 13:05

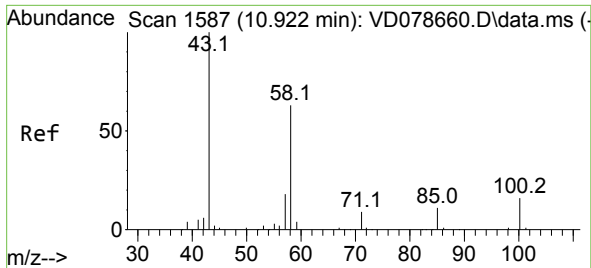
Tgt Ion: 63 Resp: 3764

Ion Ratio Lower Upper

63 100

106 30.7 25.2 37.8

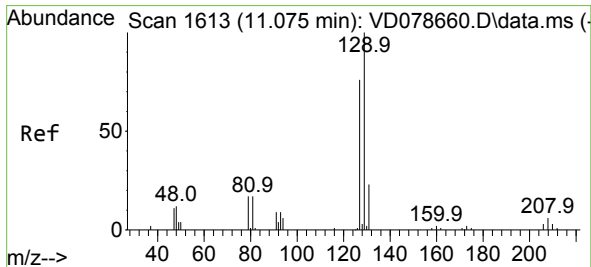
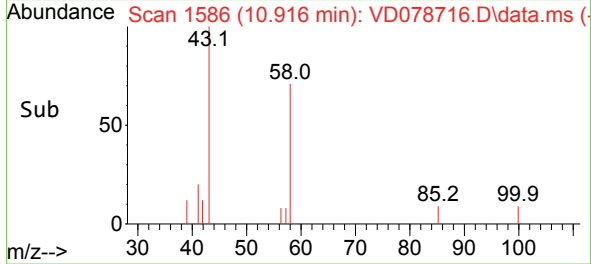
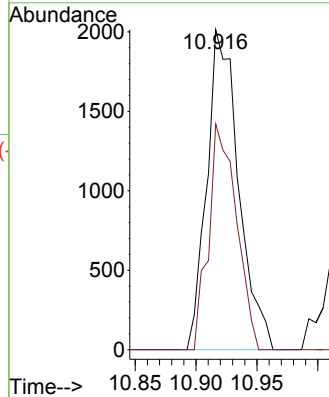
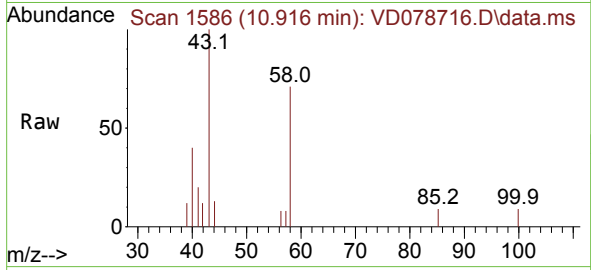




#59
2-Hexanone
Concen: 9.682 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

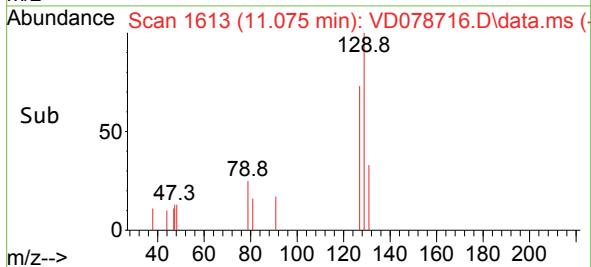
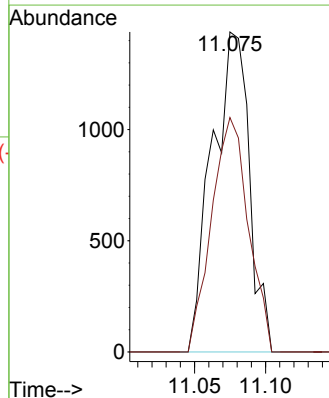
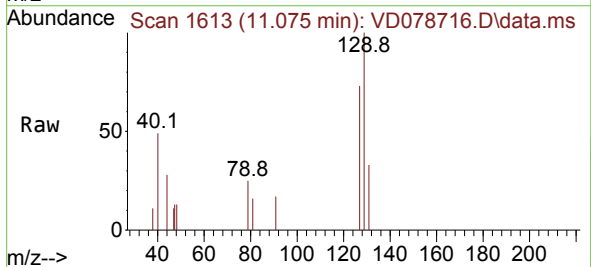
Instrument :
MSVOA_D
ClientSampleId :

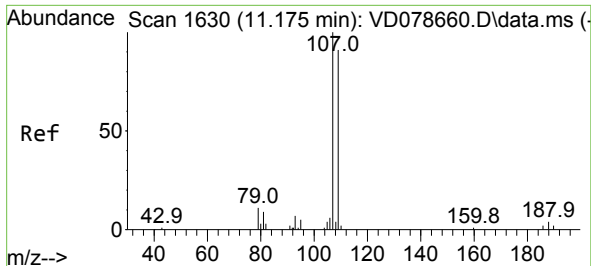
Tgt Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
58 61.7 31.5 94.5



#60
Dibromochloromethane
Concen: 2.257 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 129 Resp: 2625
Ion Ratio Lower Upper
129 100
127 72.5 38.8 116.3

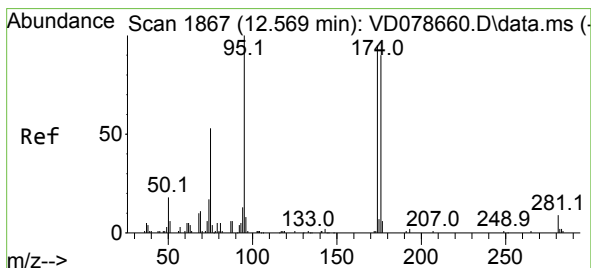
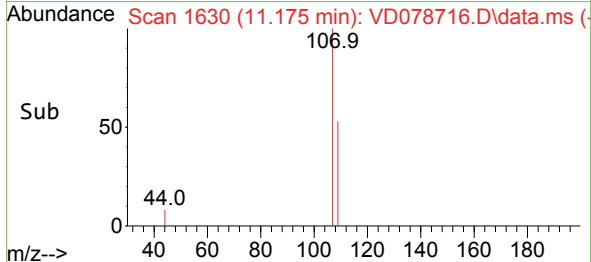
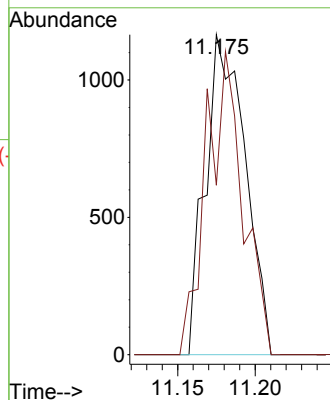
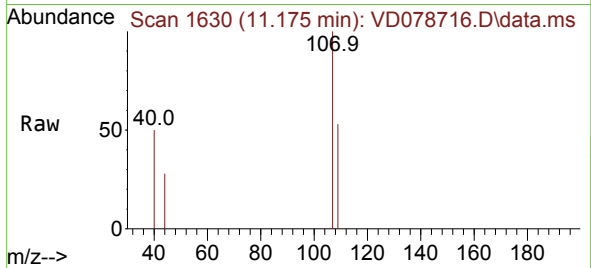




#61
1,2-Dibromoethane
Concen: 2.272 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

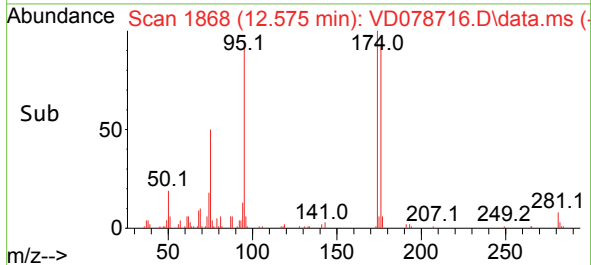
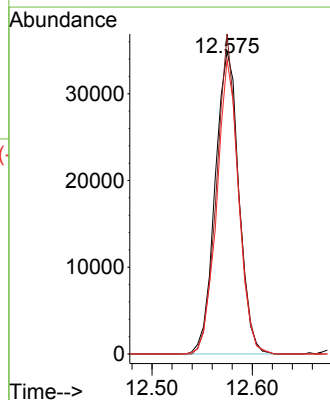
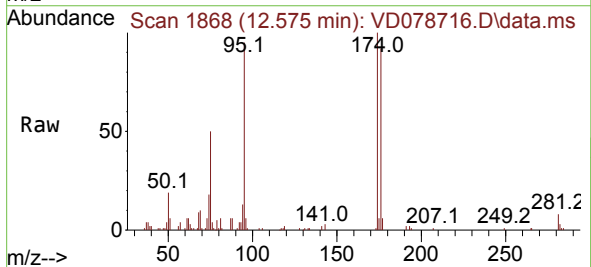
Instrument :
MSVOA_D
ClientSampleId :

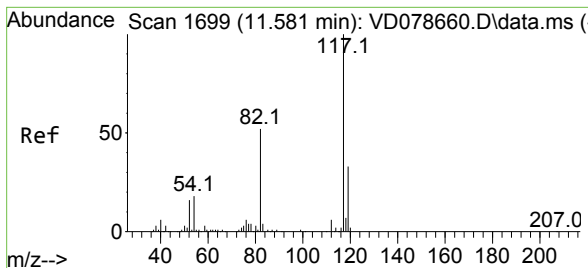
Tgt Ion:107 Resp: 2074
Ion Ratio Lower Upper
107 100
109 87.1 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 47.193 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

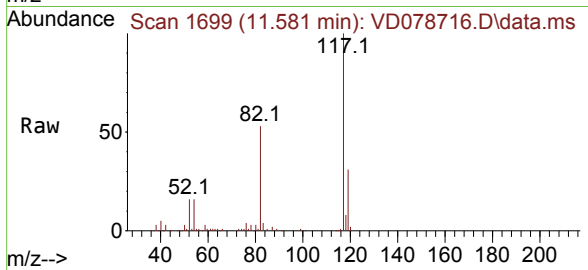
Tgt Ion: 95 Resp: 57348
Ion Ratio Lower Upper
95 100
174 96.0 0.0 195.2
176 89.9 0.0 188.2



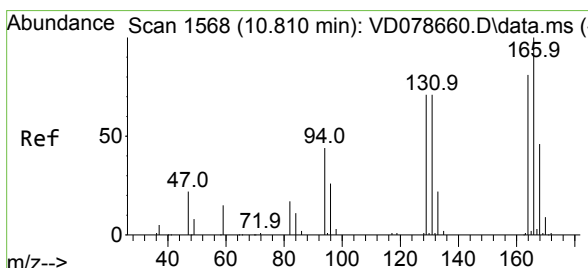
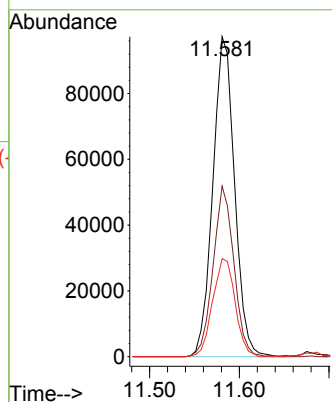
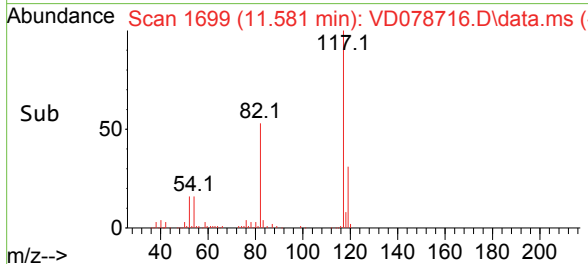


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

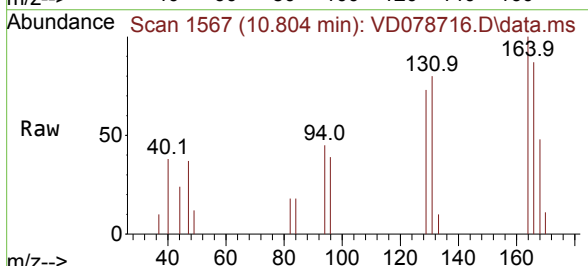
Instrument :
MSVOA_D
ClientSampleId :



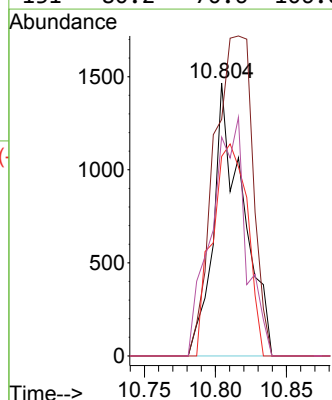
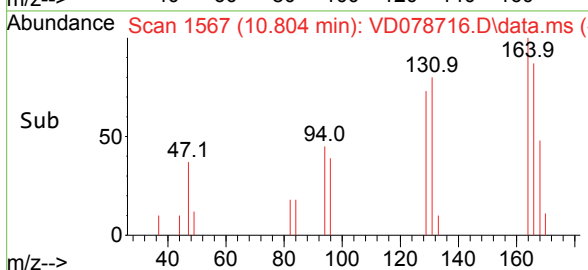
Tgt Ion:117 Resp: 163570
Ion Ratio Lower Upper
117 100
82 53.3 41.4 62.2
119 30.7 26.5 39.7

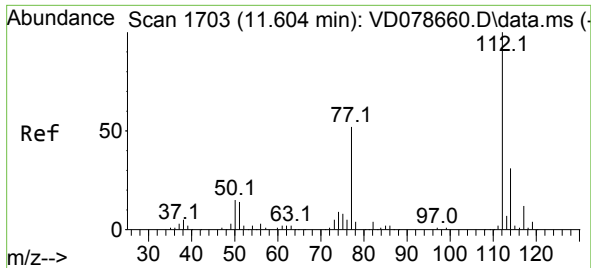


#64
Tetrachloroethene
Concen: 1.951 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05



Tgt Ion:164 Resp: 2112
Ion Ratio Lower Upper
164 100
166 86.6 98.9 148.3#
129 73.1 70.3 105.5
131 80.2 70.6 106.0

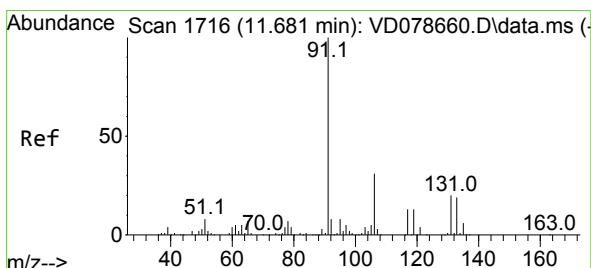
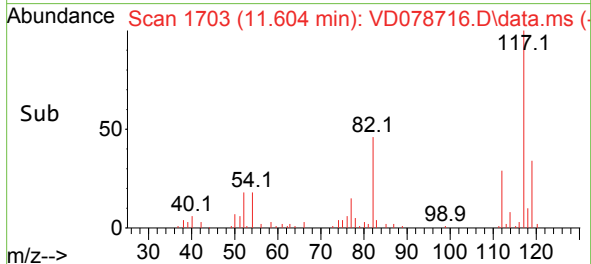
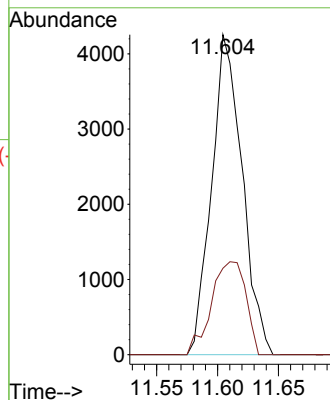
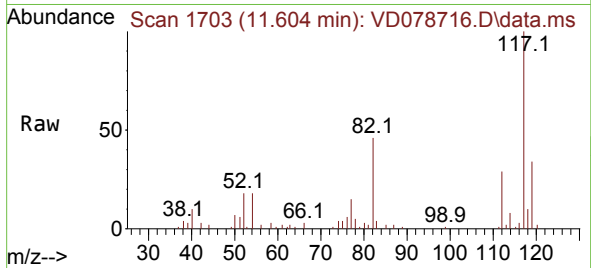




#65
Chlorobenzene
Concen: 2.172 ug/l
RT: 11.604 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

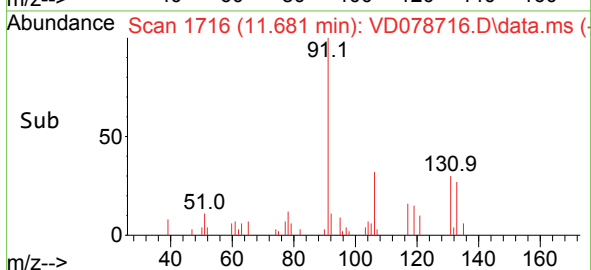
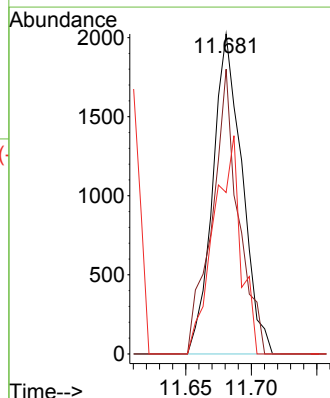
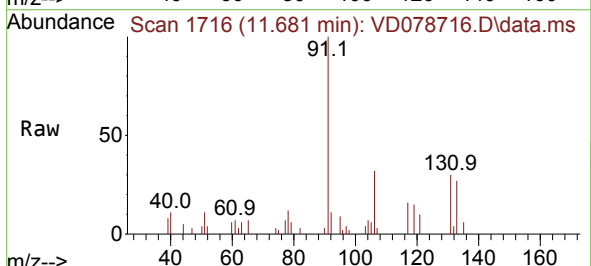
Instrument :
MSVOA_D
ClientSampleId :

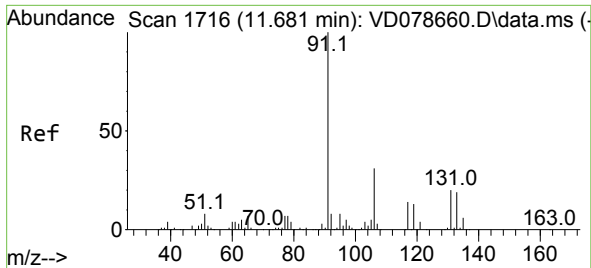
Tgt Ion:112 Resp: 7425
Ion Ratio Lower Upper
112 100
114 27.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.513 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion:131 Resp: 3146
Ion Ratio Lower Upper
131 100
133 80.4 47.6 142.9
119 62.9 34.1 102.3

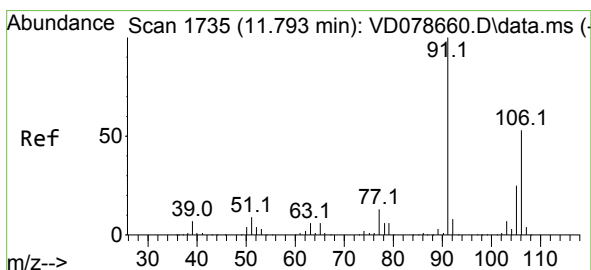
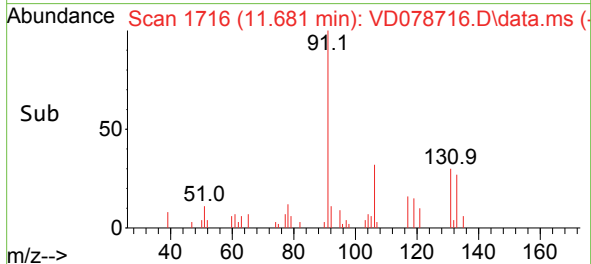
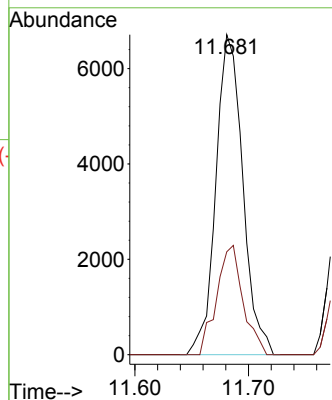
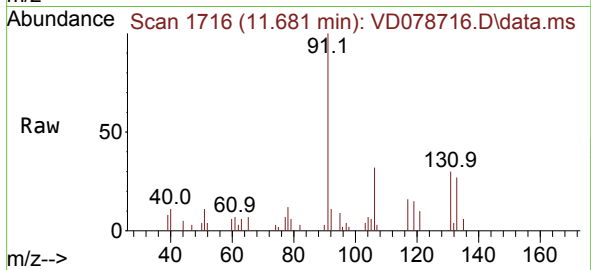




#67
Ethyl Benzene
Concen: 1.897 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

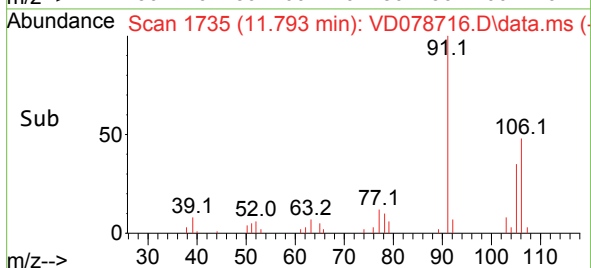
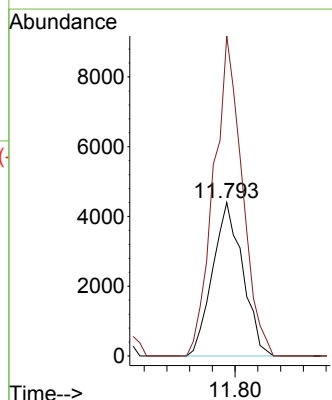
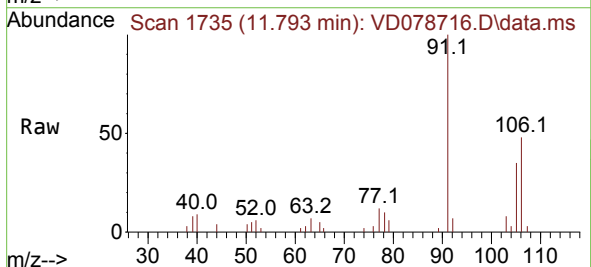
Instrument :
MSVOA_D
ClientSampleId :

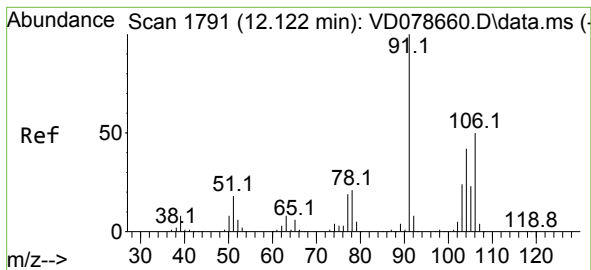
Tgt Ion: 91 Resp: 11048
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7



#68
m/p-Xylenes
Concen: 3.430 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion:106 Resp: 8112
Ion Ratio Lower Upper
106 100
91 197.2 154.4 231.6

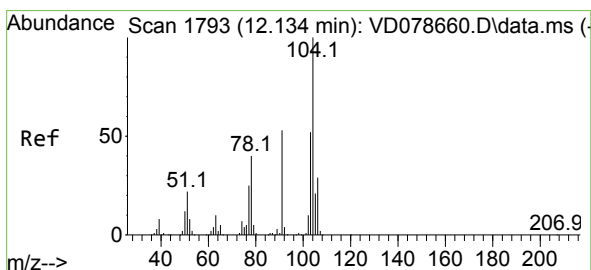
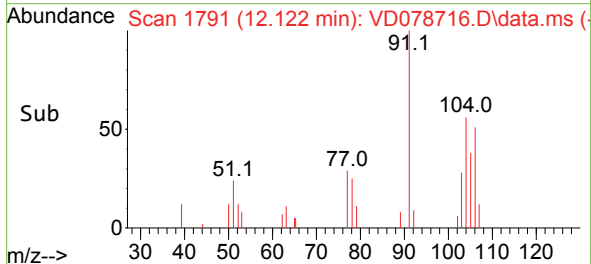
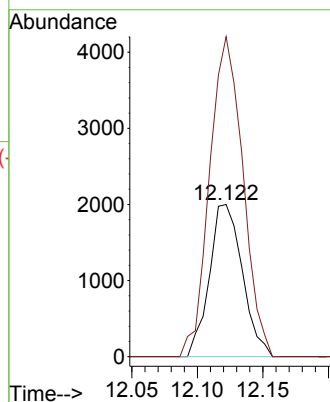
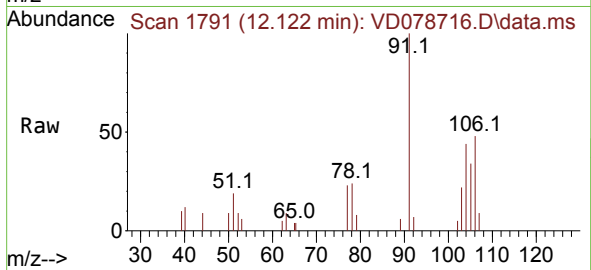




#69
o-Xylene
Concen: 1.597 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

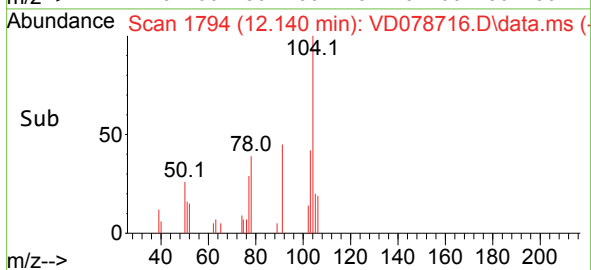
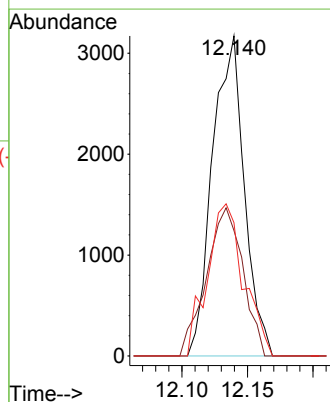
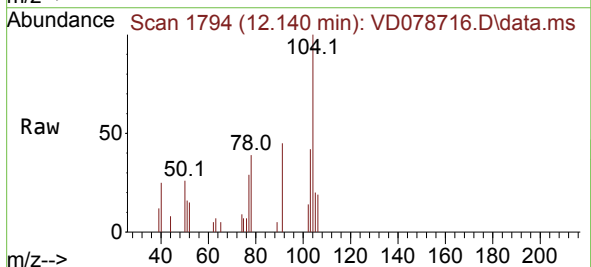
Instrument :
MSVOA_D
ClientSampleId :

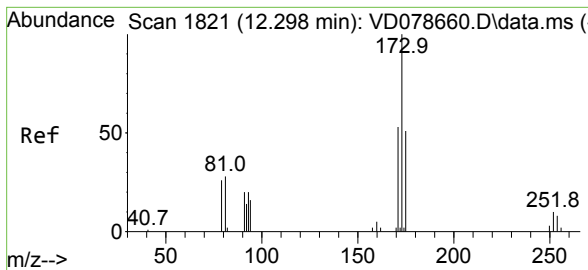
Tgt Ion:106 Resp: 3494
Ion Ratio Lower Upper
106 100
91 213.2 99.6 298.7



#70
Styrene
Concen: 1.457 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion:104 Resp: 5351
Ion Ratio Lower Upper
104 100
78 53.1 34.6 52.0#
103 54.3 44.2 66.2

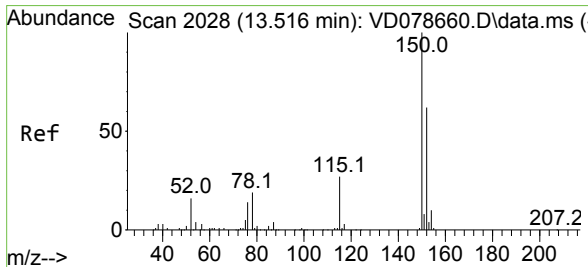
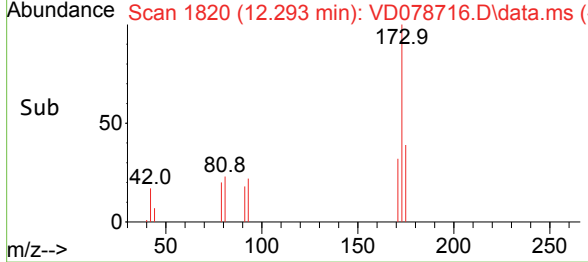
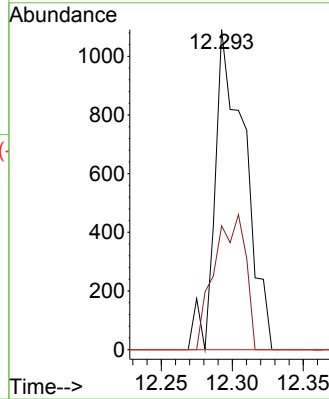
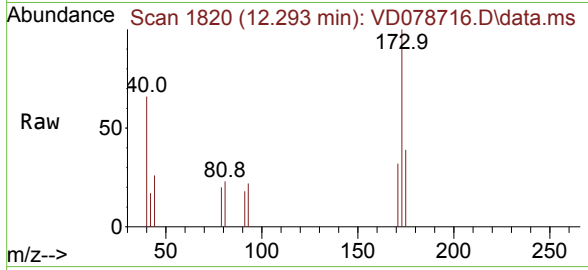




#71
Bromoform
Concen: 2.377 ug/l
RT: 12.293 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

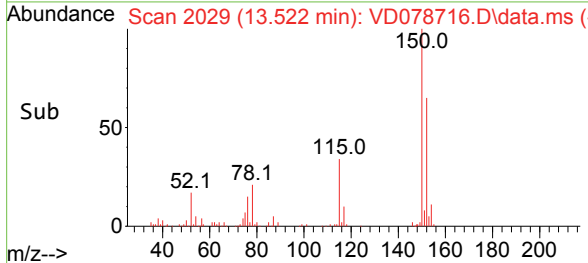
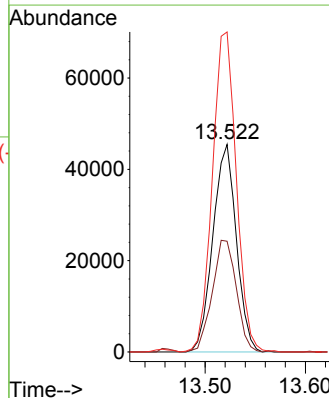
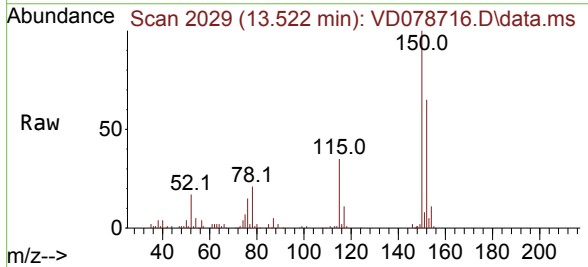
Instrument :
MSVOA_D
ClientSampleId :

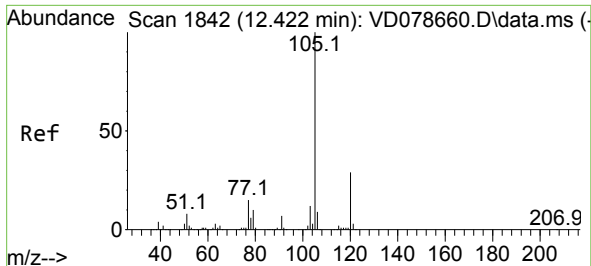
Tgt Ion:	173	Resp:	1608
Ion	Ratio	Lower	Upper
173	100		
175	44.0	25.8	77.4
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion:	152	Resp:	74056
Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.1	81.2
150	156.6	0.0	350.2

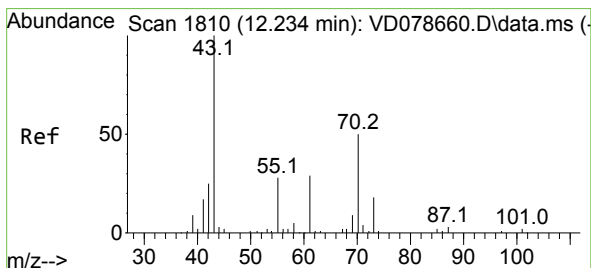
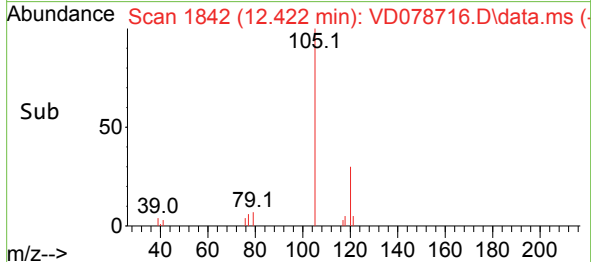
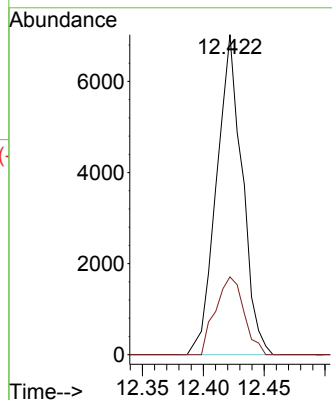
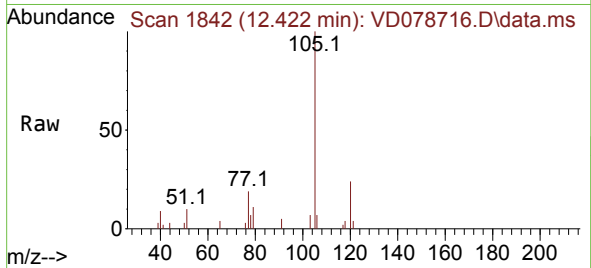




#73
Isopropylbenzene
Concen: 2.119 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

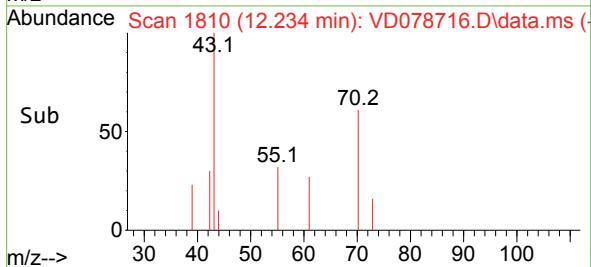
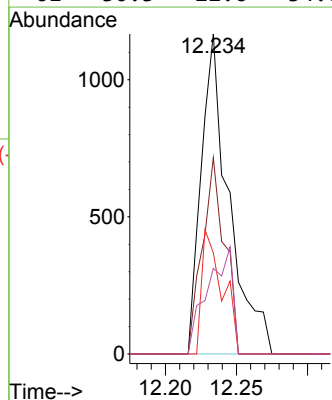
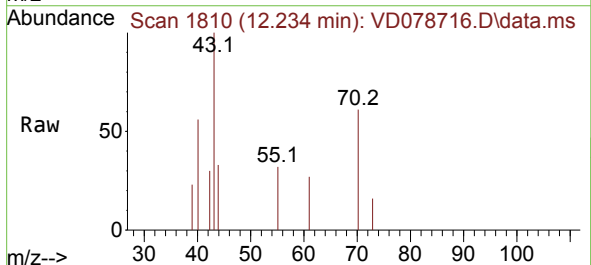
Instrument :
MSVOA_D
ClientSampleId :

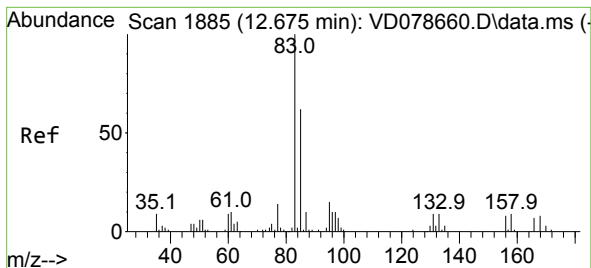
Tgt Ion:105 Resp: 10332
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0



#74
N-ethyl acetate
Concen: 2.002 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
70 49.4 42.1 63.1
55 28.5 22.6 33.8
61 30.3 22.6 34.0

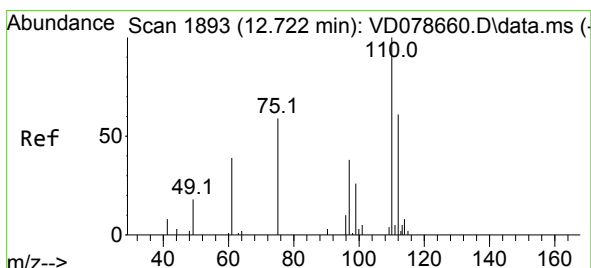
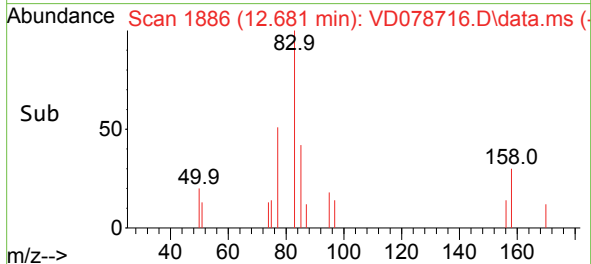
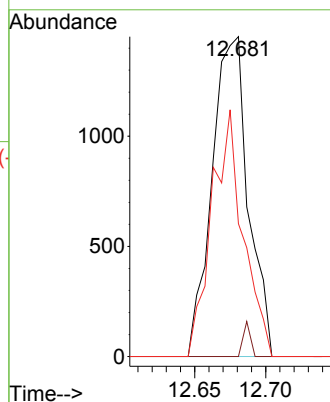
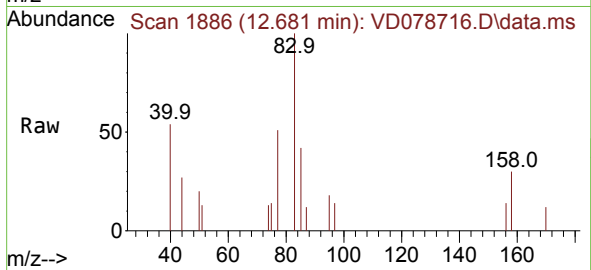




#75
1,1,2,2-Tetrachloroethane
Concen: 2.857 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

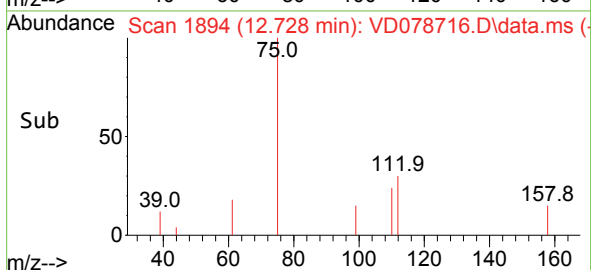
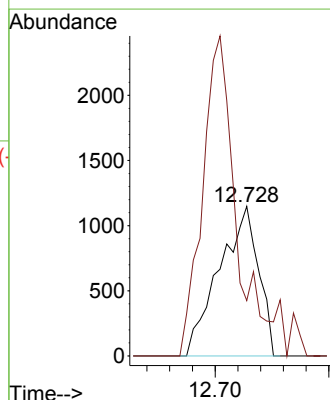
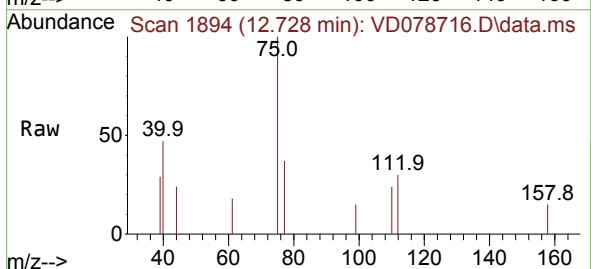
Instrument :
MSVOA_D
ClientSampleId :

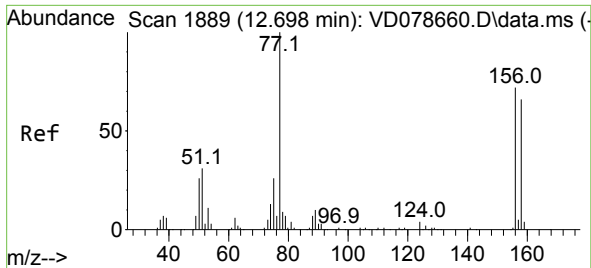
Tgt Ion: 83 Resp: 2579
Ion Ratio Lower Upper
83 100
131 2.2 4.9 14.7#
85 66.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 4.837 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 75 Resp: 2760
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

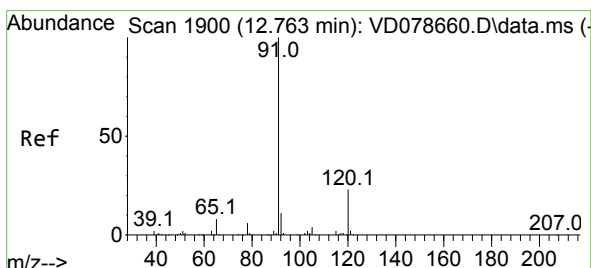
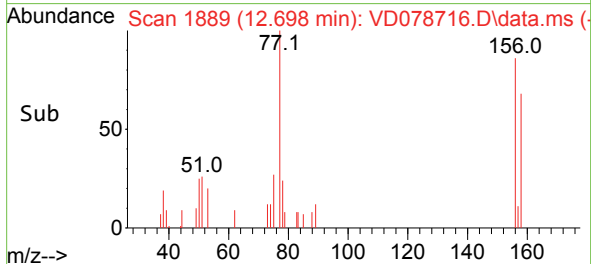
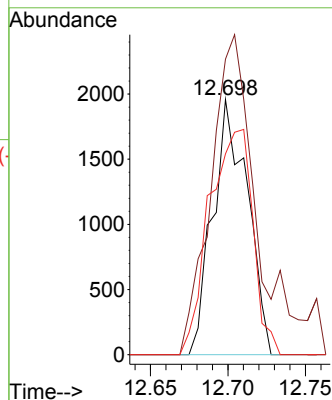
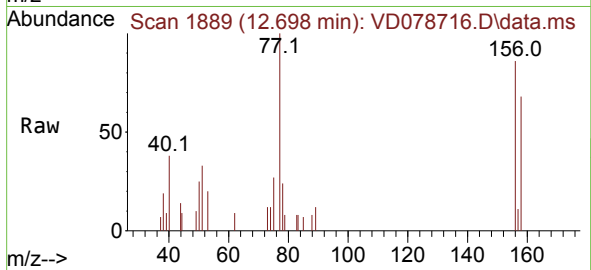




#77
Bromobenzene
Concen: 2.515 ug/l
RT: 12.698 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

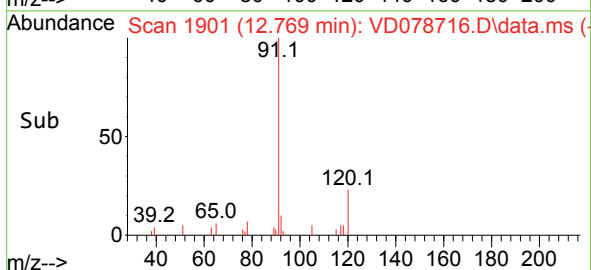
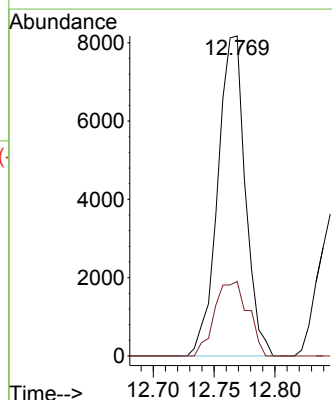
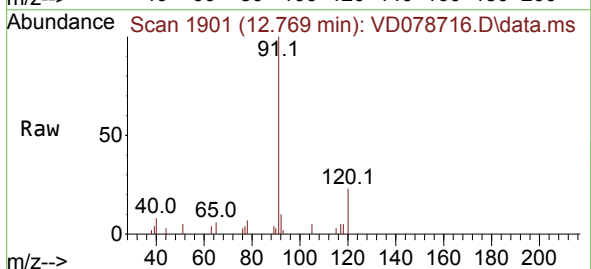
Instrument :
MSVOA_D
ClientSampleId :

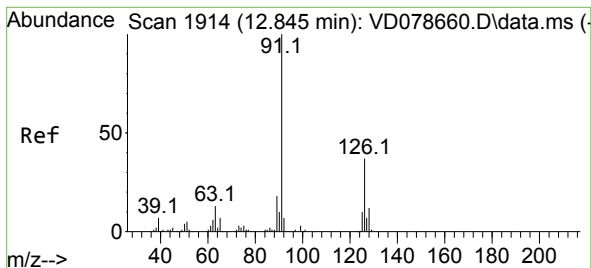
Tgt Ion:156 Resp: 3041
Ion Ratio Lower Upper
156 100
77 169.0 79.1 237.3
158 110.7 47.0 141.0



#78
n-propylbenzene
Concen: 2.174 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 91 Resp: 12902
Ion Ratio Lower Upper
91 100
120 28.1 11.7 35.1





#79

2-Chlorotoluene

Concen: 2.233 ug/l

RT: 12.851 min Scan# 1914

Delta R.T. 0.006 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

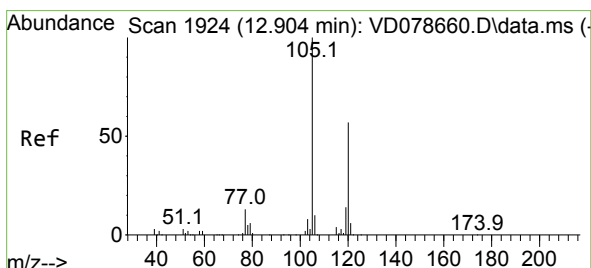
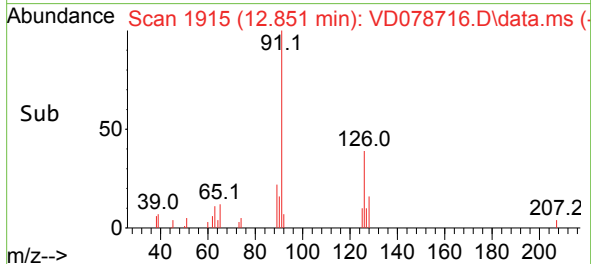
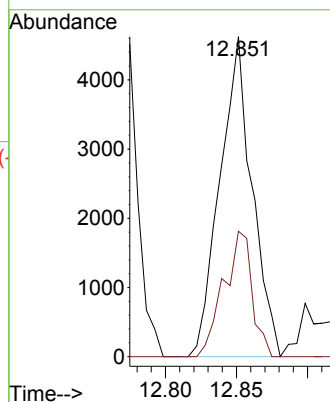
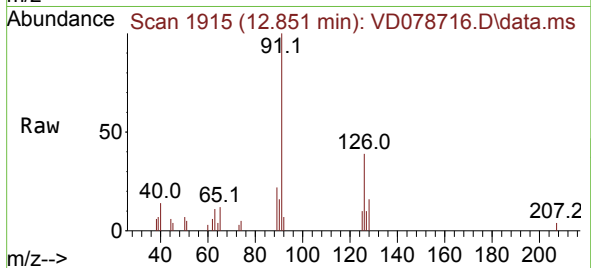
ClientSampleId :

Tgt Ion: 91 Resp: 7272

Ion Ratio Lower Upper

91 100

126 34.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 1.836 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD078716.D

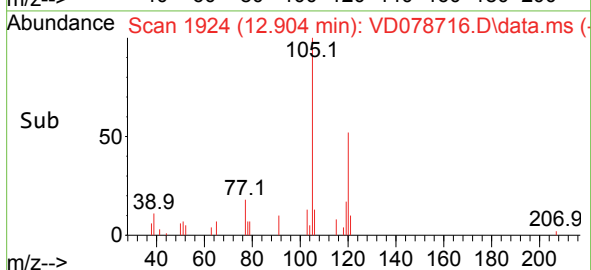
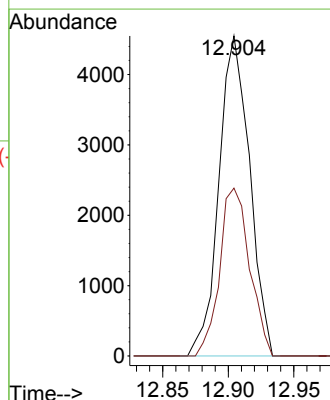
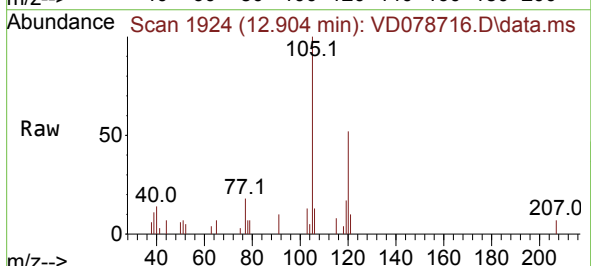
Acq: 20 Mar 2024 13:05

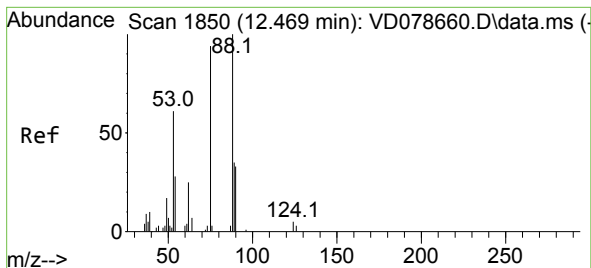
Tgt Ion: 105 Resp: 7404

Ion Ratio Lower Upper

105 100

120 51.3 25.9 77.7

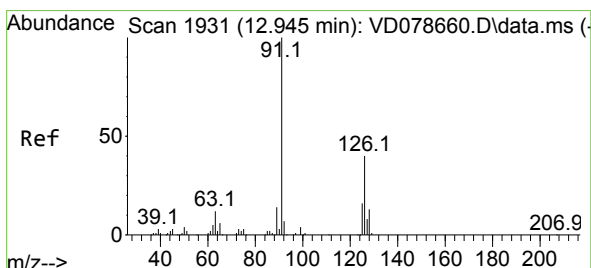
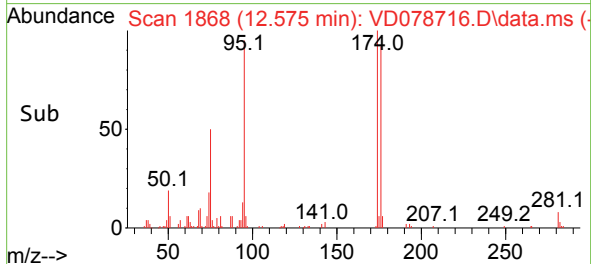
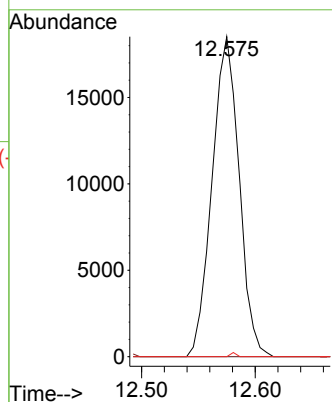
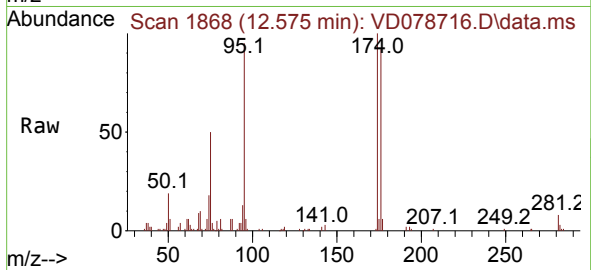




#81
trans-1,4-Dichloro-2-butene
Concen: 112.597 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

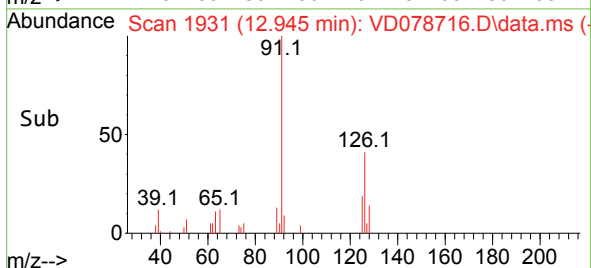
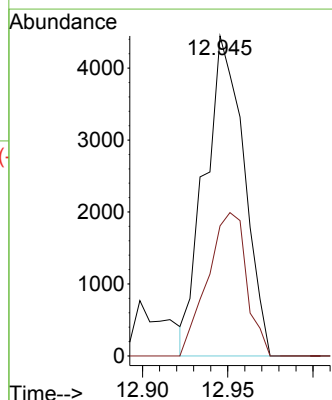
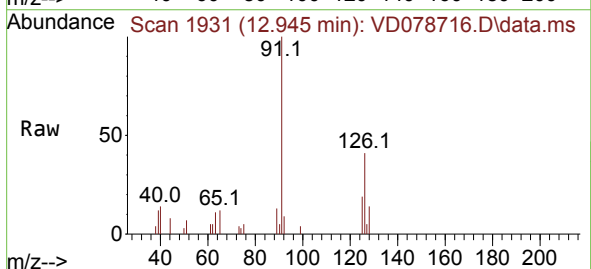
Instrument :
MSVOA_D
ClientSampleId :

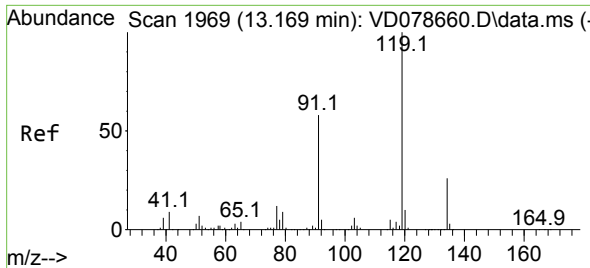
Tgt Ion: 75 Resp: 30648
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.3 35.4 53.0#



#82
4-Chlorotoluene
Concen: 2.058 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion: 91 Resp: 7089
Ion Ratio Lower Upper
91 100
126 44.7 18.9 56.5

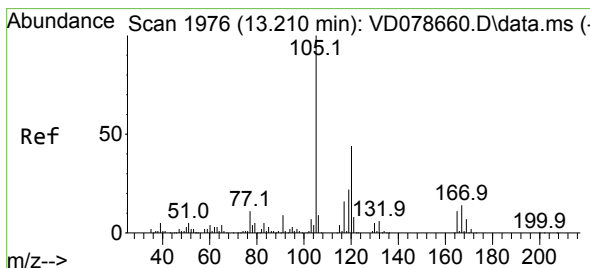
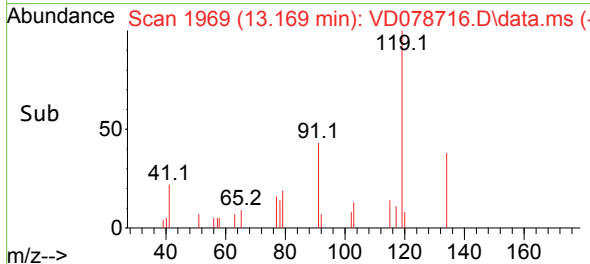
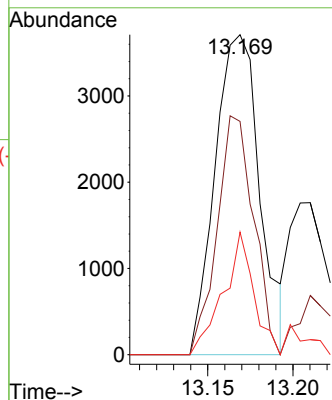
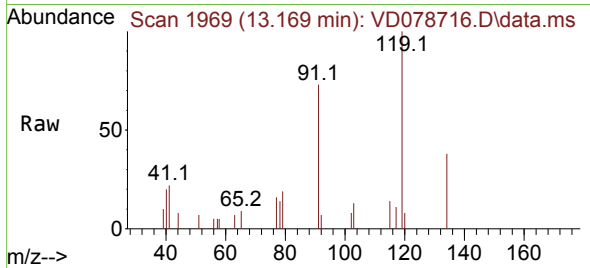




#83
 tert-Butylbenzene
 Concen: 1.948 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD078716.D
 Acq: 20 Mar 2024 13:05

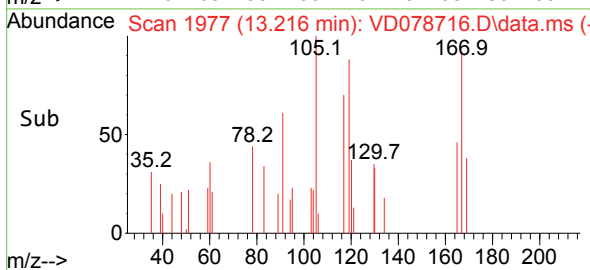
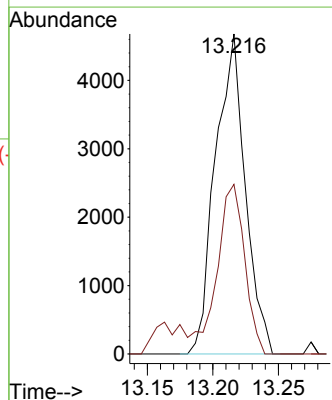
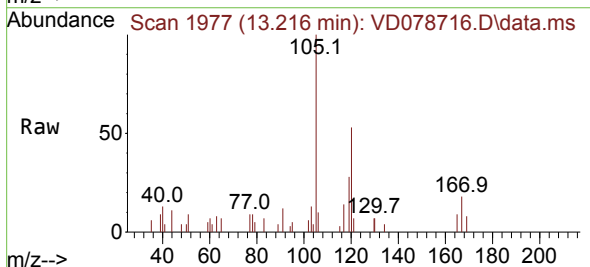
Instrument :
 MSVOA_D
 ClientSampleId :

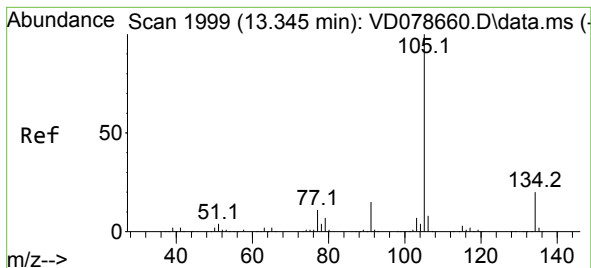
Tgt Ion:119 Resp: 6773
 Ion Ratio Lower Upper
 119 100
 91 61.1 28.9 86.7
 134 26.1 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 1.822 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD078716.D
 Acq: 20 Mar 2024 13:05

Tgt Ion:105 Resp: 7402
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 1.958 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

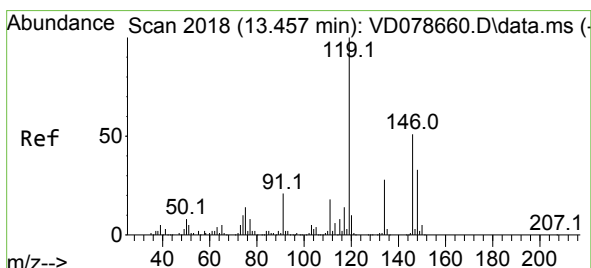
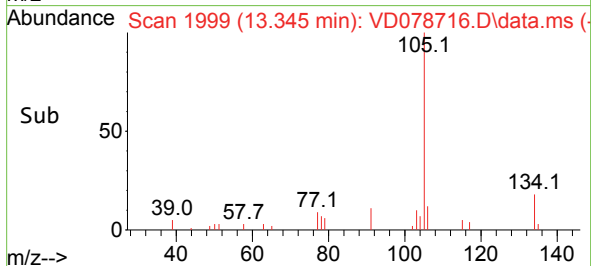
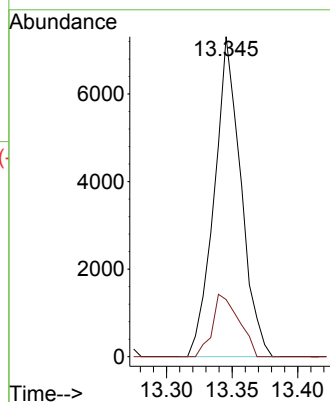
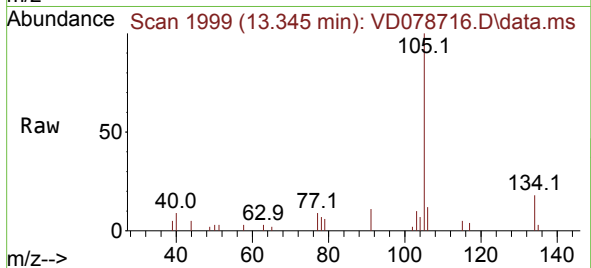
ClientSampleId :

Tgt Ion:105 Resp: 10304

Ion Ratio Lower Upper

105 100

134 19.4 10.4 31.2



#86

p-Isopropyltoluene

Concen: 1.962 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

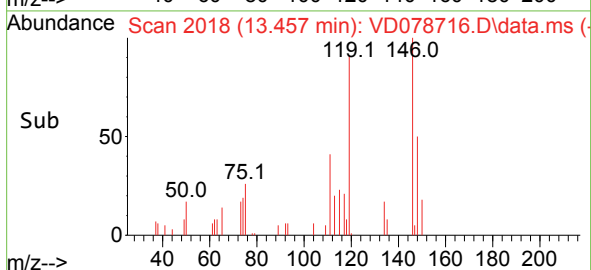
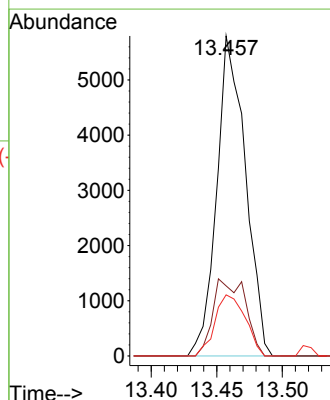
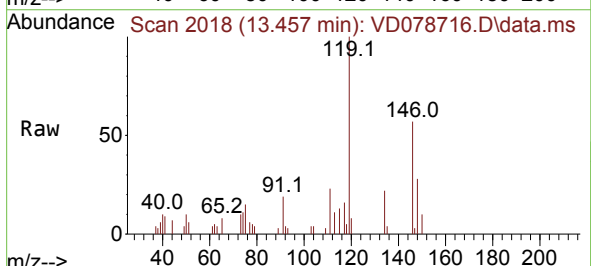
Tgt Ion:119 Resp: 8835

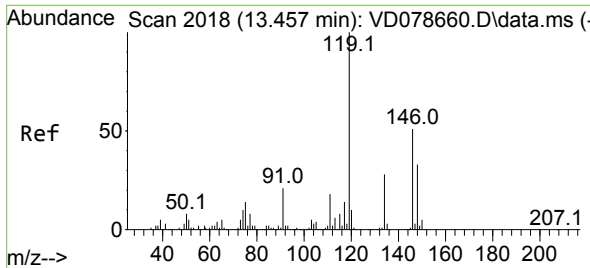
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 20.2 10.4 31.2

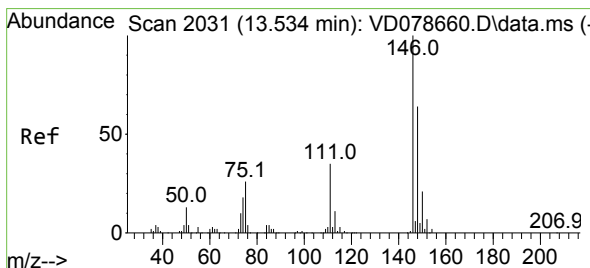
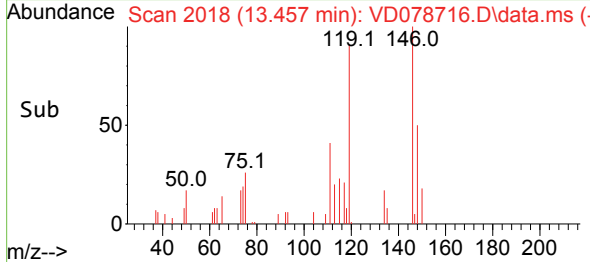
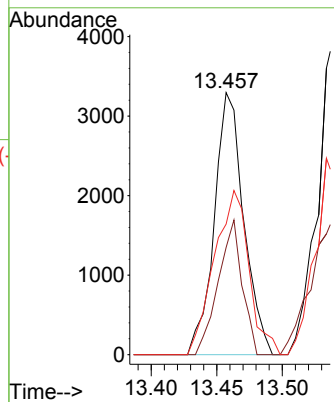
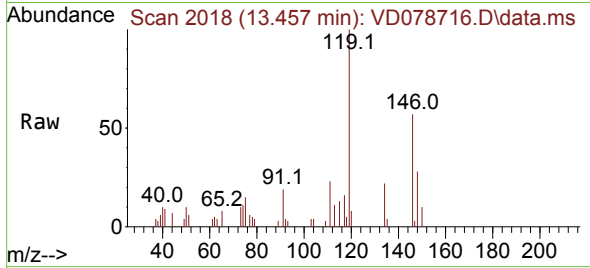




#87
1,3-Dichlorobenzene
Concen: 2.016 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

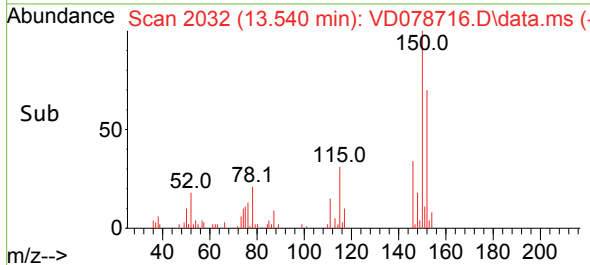
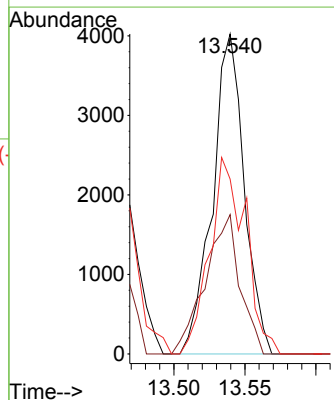
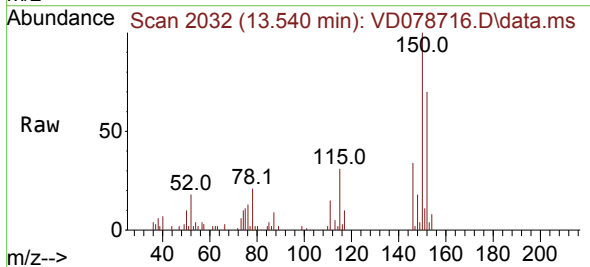
Instrument :
MSVOA_D
ClientSampleId :

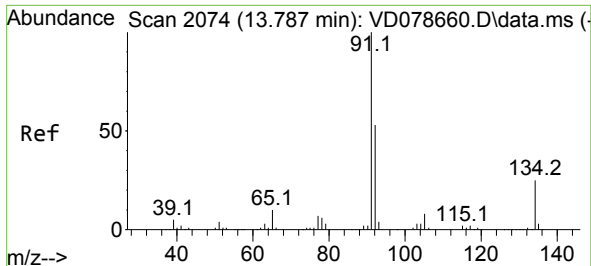
Tgt Ion:146 Resp: 5144
Ion Ratio Lower Upper
146 100
111 41.5 18.2 54.6
148 73.6 31.1 93.5



#88
1,4-Dichlorobenzene
Concen: 2.486 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

Tgt Ion:146 Resp: 6251
Ion Ratio Lower Upper
146 100
111 47.7 17.8 53.3
148 69.7 32.4 97.0





#89

n-Butylbenzene

Concen: 2.246 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VD078716.D

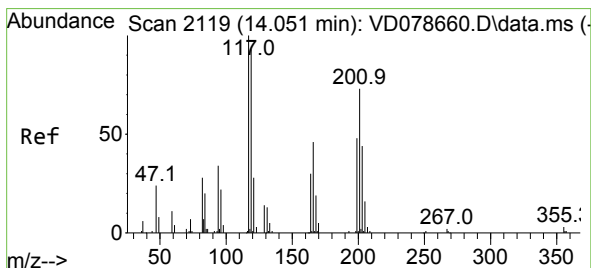
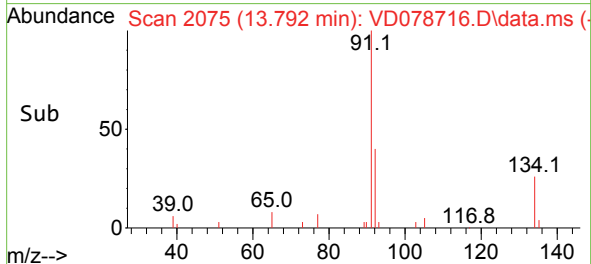
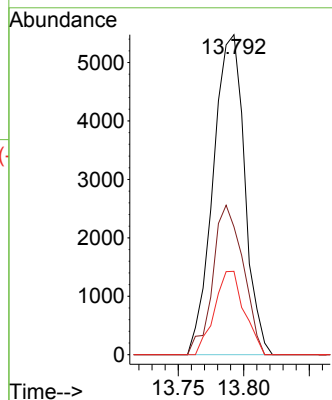
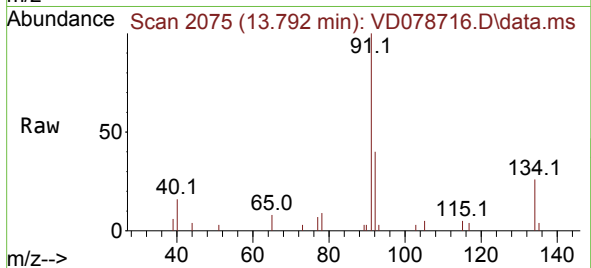
Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 91	Resp:	9135
Ion Ratio	Lower	Upper
91	100	
92	45.1	26.4 79.0
134	24.6	13.0 38.9



#90

Hexachloroethane

Concen: 2.887 ug/l

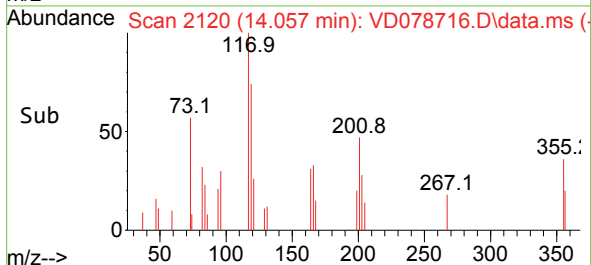
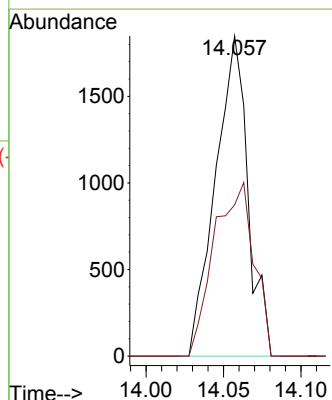
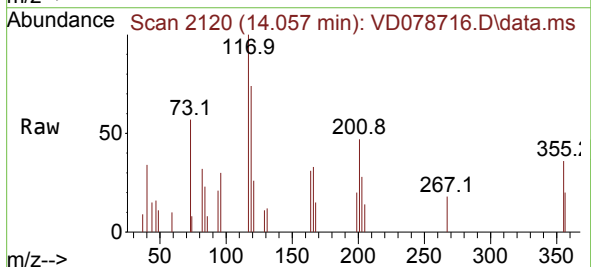
RT: 14.057 min Scan# 2120

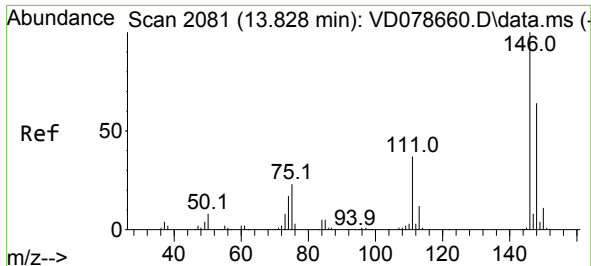
Delta R.T. 0.006 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Tgt Ion: 117	Resp:	2691
Ion Ratio	Lower	Upper
117	100	
201	66.6	36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 2.492 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.006 min

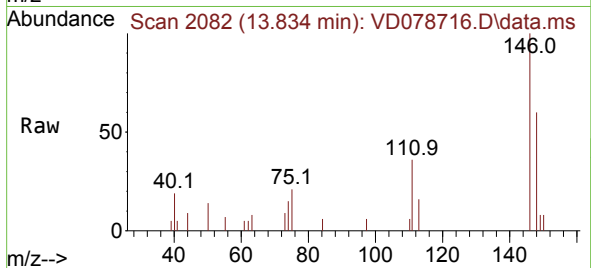
Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

Instrument :

MSVOA_D

ClientSampleId :



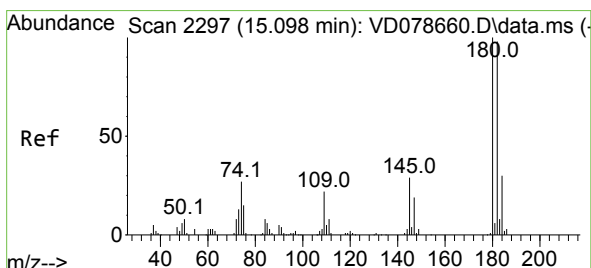
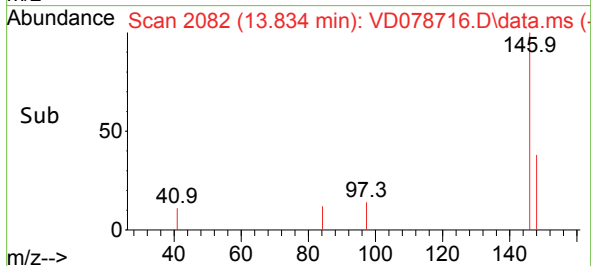
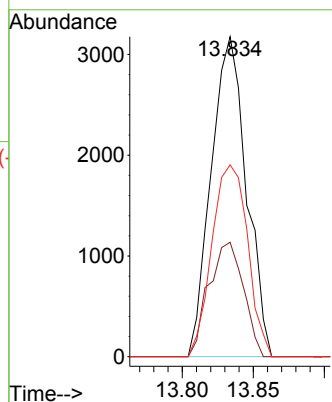
Tgt Ion:146 Resp: 5476

Ion Ratio Lower Upper

146 100

111 35.2 18.6 56.0

148 61.0 32.1 96.5



#93

1,2,4-Trichlorobenzene

Concen: 2.382 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD078716.D

Acq: 20 Mar 2024 13:05

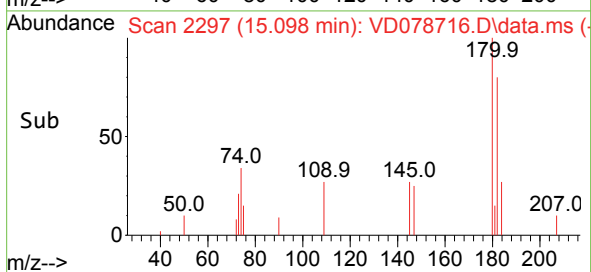
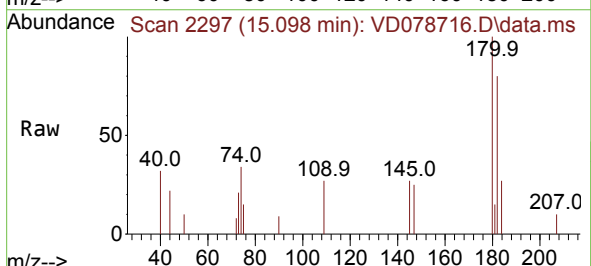
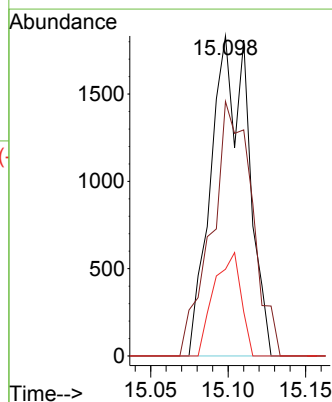
Tgt Ion:180 Resp: 3055

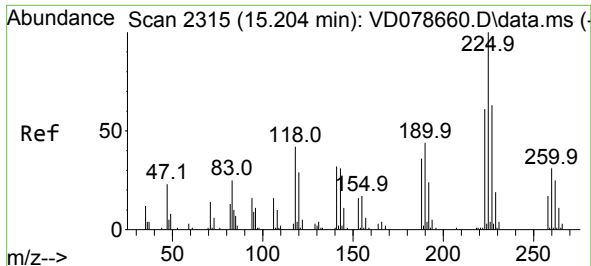
Ion Ratio Lower Upper

180 100

182 86.4 49.7 149.1

145 23.6 14.6 44.0

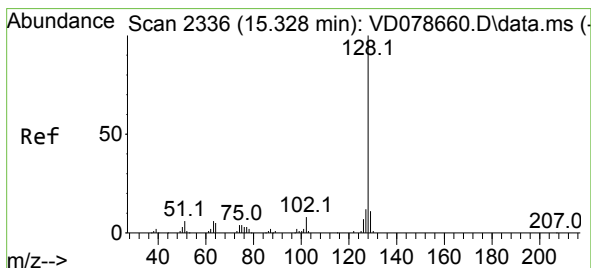
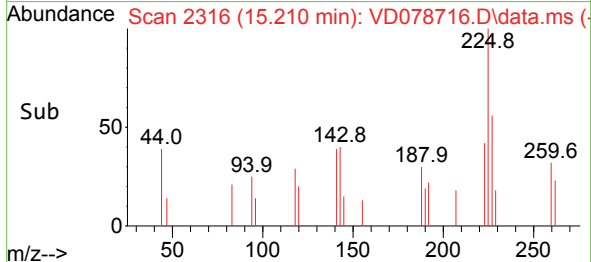
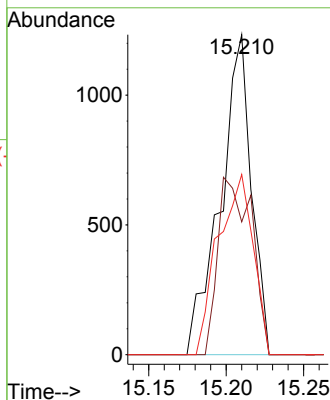
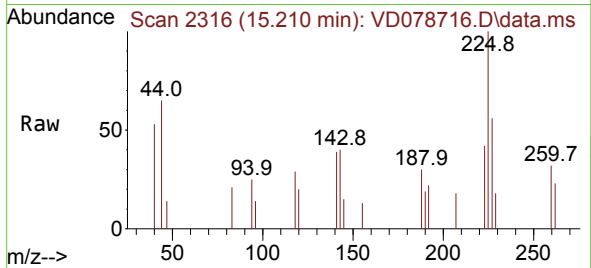




#94
Hexachlorobutadiene
Concen: 2.474 ug/l
RT: 15.210 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

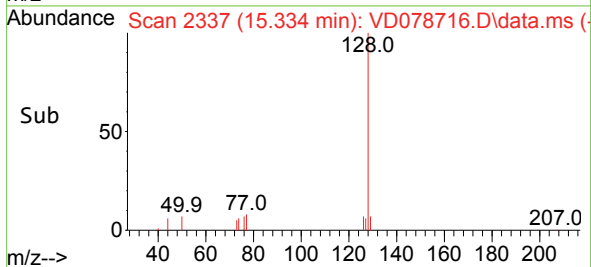
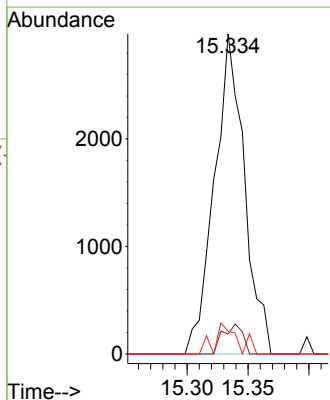
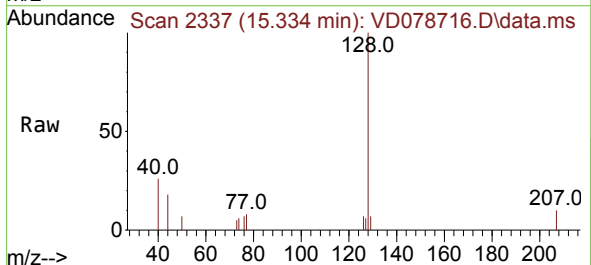
Instrument :
MSVOA_D
ClientSampleId :

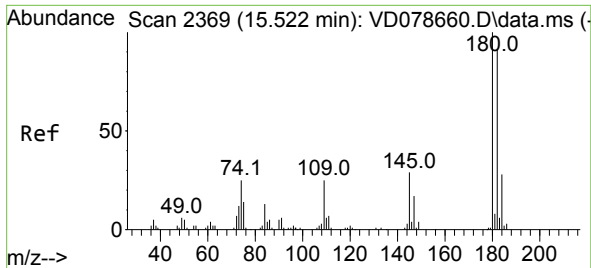
Tgt Ion:225 Resp: 1718
Ion Ratio Lower Upper
225 100
223 60.2 31.9 95.7
227 63.4 32.0 96.0



#95
Naphthalene
Concen: 2.282 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078716.D
Acq: 20 Mar 2024 13:05

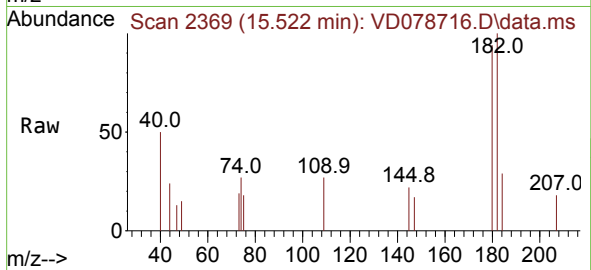
Tgt Ion:128 Resp: 5089
Ion Ratio Lower Upper
128 100
127 6.2 9.3 13.9#
129 7.1 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.168 ug/l
 RT: 15.522 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078716.D
 Acq: 20 Mar 2024 13:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	2406
Ion	Ratio	Lower	Upper
180	100		
182	100.6	46.7	140.1
145	24.7	14.4	43.4

