

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079754.D
 Acq On : 30 Aug 2024 14:43
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 04:42:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143330	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	274594	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	252945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96845	49.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.120%
35) Dibromofluoromethane	7.805	113	90687	50.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.620%
50) Toluene-d8	10.269	98	399728	52.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.440%
62) 4-Bromofluorobenzene	12.569	95	112879	52.702	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	105.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	80166	46.580	ug/l	99
3) Chloromethane	2.146	50	165889	46.269	ug/l	97
4) Vinyl Chloride	2.281	62	195994	45.376	ug/l	100
5) Bromomethane	2.693	94	135901	45.451	ug/l	98
6) Chloroethane	2.834	64	132600	45.282	ug/l	93
7) Trichlorofluoromethane	3.175	101	150430	46.137	ug/l	97
8) Diethyl Ether	3.593	74	46433	44.887	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.970	101	85838	47.019	ug/l	91
10) Methyl Iodide	4.158	142	95662	45.477	ug/l	92
11) Tert butyl alcohol	5.046	59	19905	206.532	ug/l	# 86
12) 1,1-Dichloroethene	3.940	96	92708	48.368	ug/l	84
13) Acrolein	3.793	56	46640	248.226	ug/l	95
14) Allyl chloride	4.558	41	141933	50.263	ug/l	# 85
15) Acrylonitrile	5.252	53	112084	240.288	ug/l	98
16) Acetone	4.022	43	113620	280.163	ug/l	93
17) Carbon Disulfide	4.270	76	329732	47.046	ug/l	100
18) Methyl Acetate	4.558	43	47231	40.629	ug/l	# 82
19) Methyl tert-butyl Ether	5.317	73	204006	48.634	ug/l	97
20) Methylene Chloride	4.793	84	114479	46.704	ug/l	# 83
21) trans-1,2-Dichloroethene	5.311	96	100340	47.168	ug/l	# 81
22) Diisopropyl ether	6.216	45	297084	49.990	ug/l	# 90
23) Vinyl Acetate	6.152	43	892799	260.937	ug/l	# 91
24) 1,1-Dichloroethane	6.105	63	182508	46.963	ug/l	95
25) 2-Butanone	7.081	43	135708	250.828	ug/l	88
26) 2,2-Dichloropropane	7.075	77	146076	48.313	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	115428	47.309	ug/l	84
28) Bromochloromethane	7.428	49	87173	50.469	ug/l	# 61
29) Tetrahydrofuran	7.446	42	80892	241.722	ug/l	# 80
30) Chloroform	7.593	83	177540	46.020	ug/l	97
31) Cyclohexane	7.875	56	156855	48.010	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	150235	46.753	ug/l	96
36) 1,1-Dichloropropene	8.005	75	133744	50.556	ug/l	95
37) Ethyl Acetate	7.169	43	58688	50.201	ug/l	96
38) Carbon Tetrachloride	7.987	117	133124	47.184	ug/l	99
39) Methylcyclohexane	9.269	83	165850	51.481	ug/l	90
40) Benzene	8.246	78	422739	47.915	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	32877	49.145	ug/l #	83
42) 1,2-Dichloroethane	8.322	62	100114	46.268	ug/l	94
43) Isopropyl Acetate	8.358	43	110139	50.499	ug/l #	90
44) Trichloroethene	9.028	130	88922	47.226	ug/l	81
45) 1,2-Dichloropropane	9.305	63	101843	47.818	ug/l	100
46) Dibromomethane	9.393	93	52980	47.025	ug/l #	85
47) Bromodichloromethane	9.581	83	129358	45.976	ug/l	95
48) Methyl methacrylate	9.381	41	52377	49.755	ug/l #	76
49) 1,4-Dioxane	9.381	88	9119	805.632	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	286834	251.776	ug/l	90
52) Toluene	10.334	92	262973	49.283	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	126259	47.601	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	152672	48.321	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	68104	46.207	ug/l	95
56) Ethyl methacrylate	10.599	69	93687	50.729	ug/l #	87
57) 1,3-Dichloropropane	10.875	76	123880	46.624	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	218448	265.841	ug/l #	87
59) 2-Hexanone	10.916	43	207801	237.234	ug/l	93
60) Dibromochloromethane	11.069	129	82355	45.426	ug/l	99
61) 1,2-Dibromoethane	11.175	107	60844	47.104	ug/l	98
64) Tetrachloroethene	10.804	164	71085	47.842	ug/l	90
65) Chlorobenzene	11.604	112	264407	47.111	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	85030	46.122	ug/l	98
67) Ethyl Benzene	11.681	91	494863	50.018	ug/l	96
68) m/p-Xylenes	11.793	106	381487	100.446	ug/l	92
69) o-Xylene	12.116	106	173883	49.123	ug/l	88
70) Styrene	12.134	104	309302	50.061	ug/l	96
71) Bromoform	12.299	173	42896	46.397	ug/l #	100
73) Isopropylbenzene	12.416	105	451874	52.105	ug/l	98
74) N-amyl acetate	12.228	43	111999	54.337	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.669	83	79012	47.463	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	105887	101.672	ug/l #	100
77) Bromobenzene	12.698	156	91847	47.586	ug/l	77
78) n-propylbenzene	12.757	91	566604	52.872	ug/l	96
79) 2-Chlorotoluene	12.846	91	302876	50.733	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	377589	52.372	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	30902	49.490	ug/l	95
82) 4-Chlorotoluene	12.946	91	324410	52.172	ug/l	94
83) tert-Butylbenzene	13.163	119	313879	52.389	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	384380	51.681	ug/l	97
85) sec-Butylbenzene	13.340	105	499250	54.502	ug/l	96
86) p-Isopropyltoluene	13.457	119	421672	48.266	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	201918	48.730	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	195224	47.122	ug/l	95
89) n-Butylbenzene	13.787	91	402454	54.841	ug/l	96
90) Hexachloroethane	14.051	117	74194	47.900	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	169144	47.668	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10872	44.731	ug/l	76
93) 1,2,4-Trichlorobenzene	15.098	180	99401	51.002	ug/l	98
94) Hexachlorobutadiene	15.204	225	48585	51.840	ug/l	99
95) Naphthalene	15.328	128	206561	52.228	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	86555	50.825	ug/l	98

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QLast Update : Fri Aug 30 15:57:30 2024
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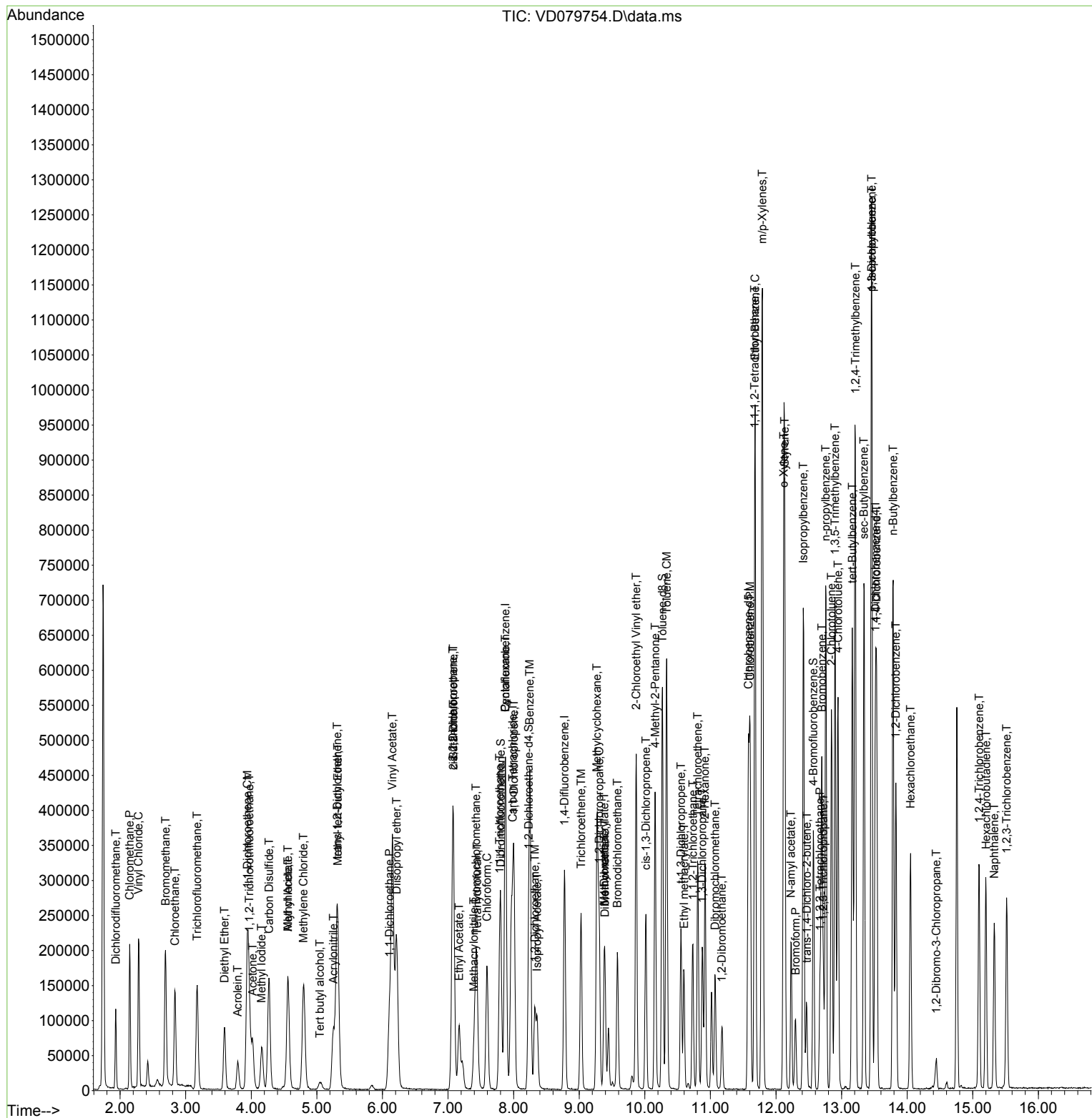
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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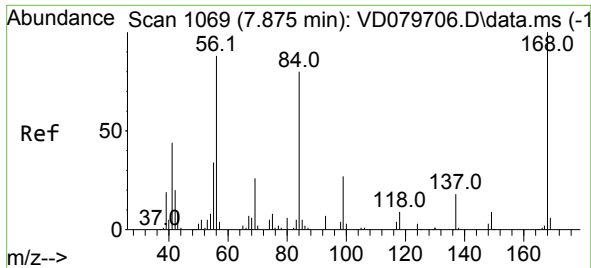
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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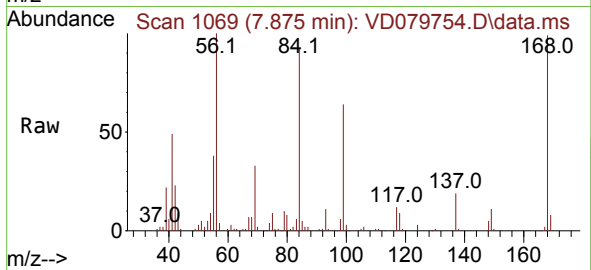
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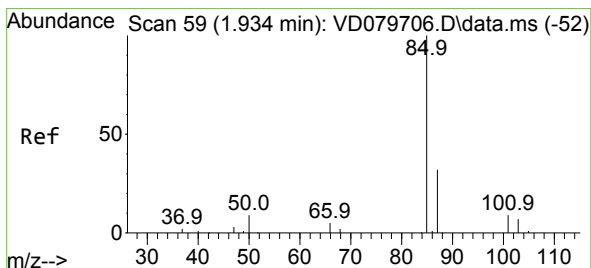
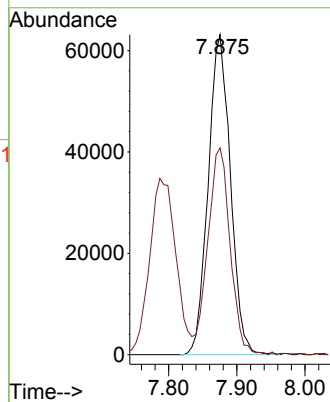
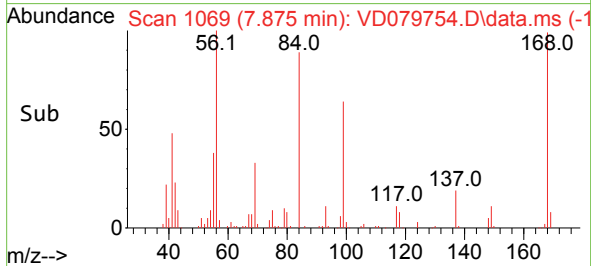


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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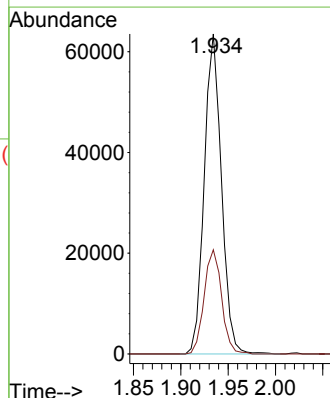
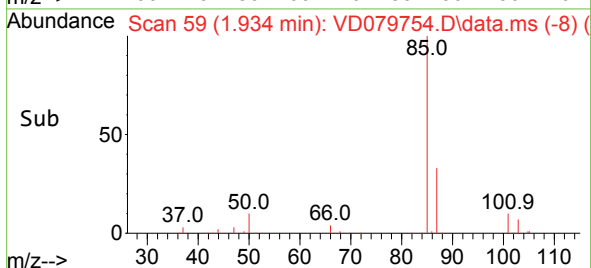
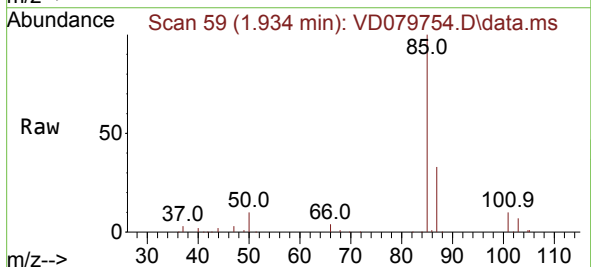


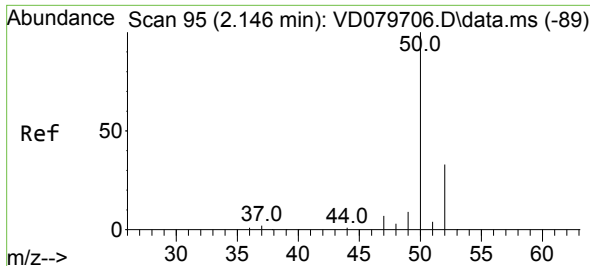
Tgt Ion:168 Resp: 143330
Ion Ratio Lower Upper
168 100
99 64.2 41.1 61.7#



#2
Dichlorodifluoromethane
Concen: 46.580 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

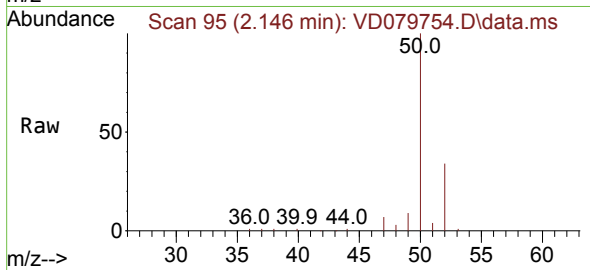
Tgt Ion: 85 Resp: 80166
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0



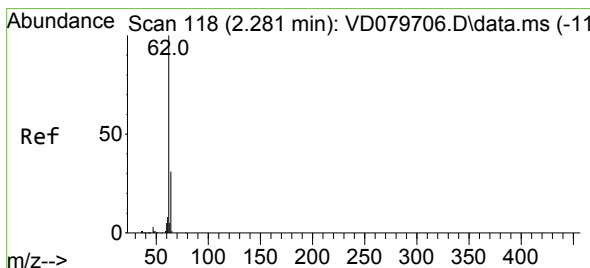
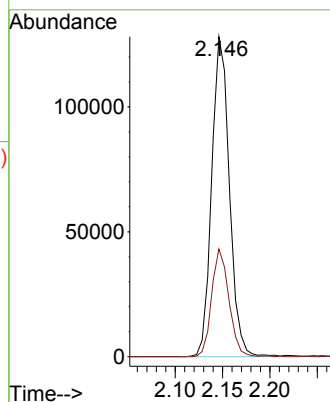
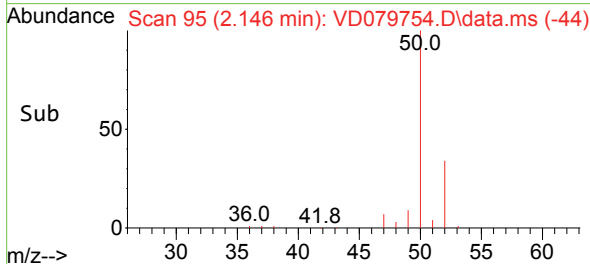


#3
Chloromethane
Concen: 46.269 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Instrument :
MSVOA_D
ClientSampleId :

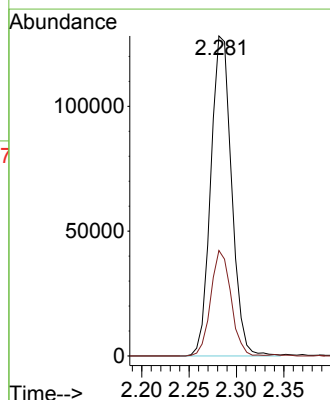
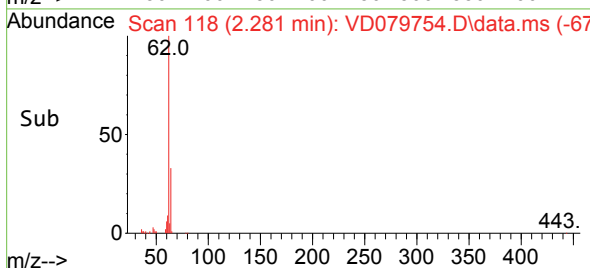
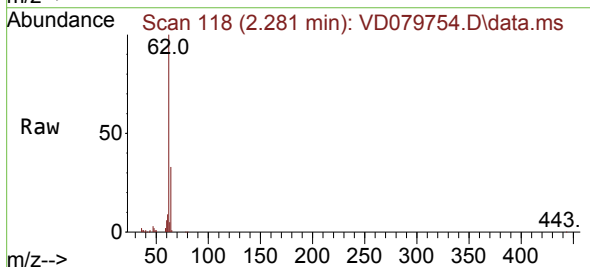


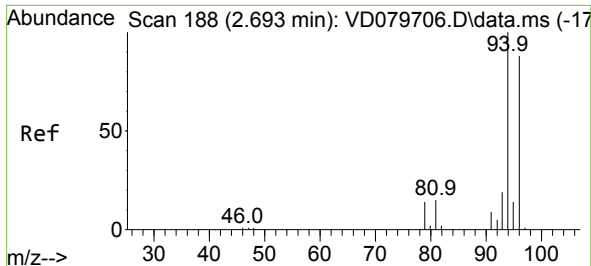
Tgt Ion: 50 Resp: 165889
Ion Ratio Lower Upper
50 100
52 33.6 28.2 42.2



#4
Vinyl Chloride
Concen: 45.376 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 62 Resp: 195994
Ion Ratio Lower Upper
62 100
64 33.0 26.3 39.5

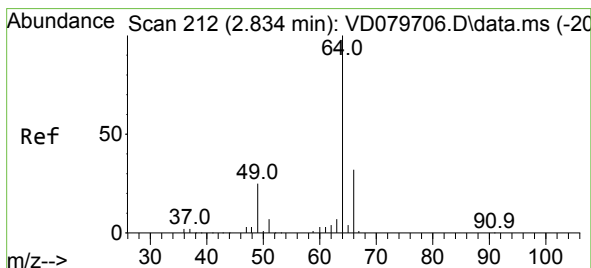
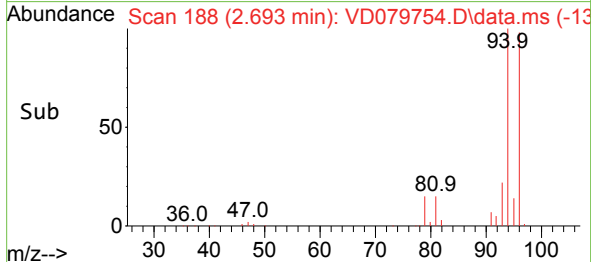
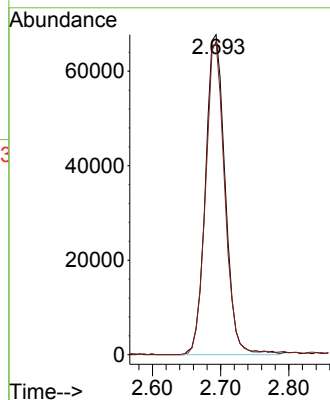
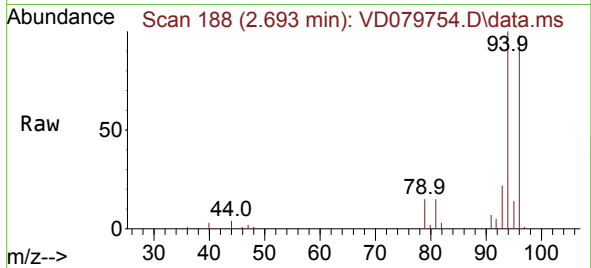




#5
Bromomethane
Concen: 45.451 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

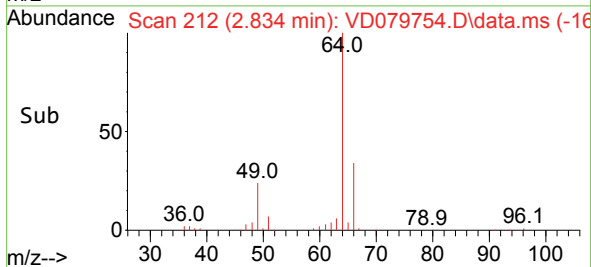
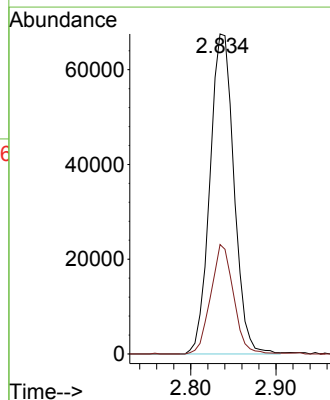
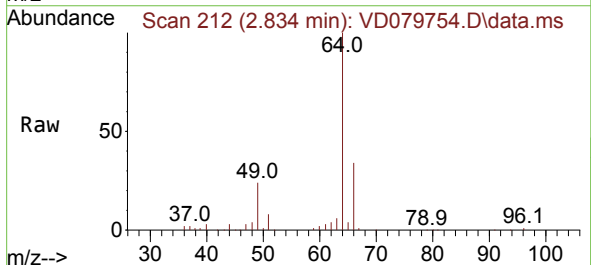
Instrument :
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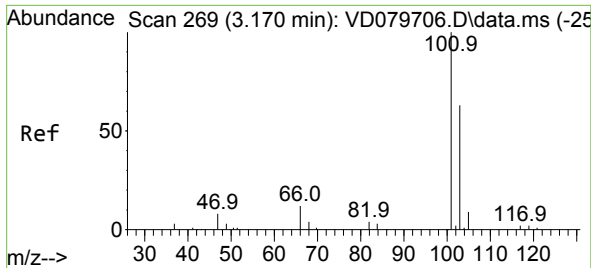
Tgt Ion: 94 Resp: 135901
Ion Ratio Lower Upper
94 100
96 94.6 76.9 115.3



#6
Chloroethane
Concen: 45.282 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 64 Resp: 132600
Ion Ratio Lower Upper
64 100
66 34.2 24.5 36.7

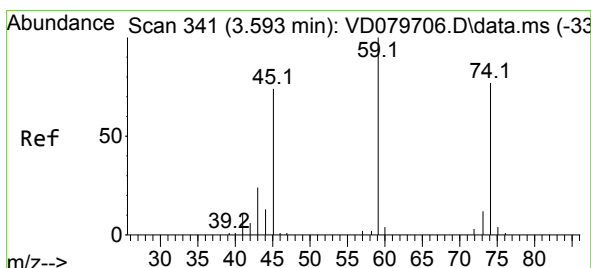
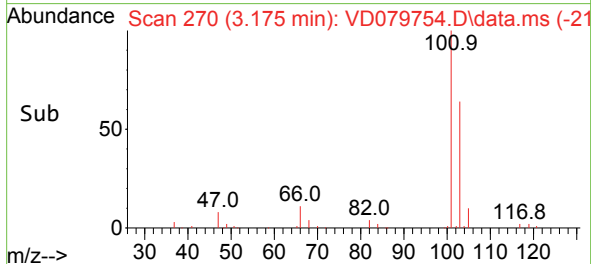
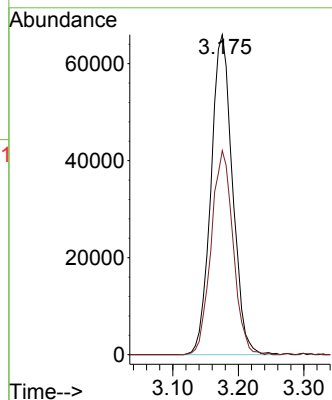
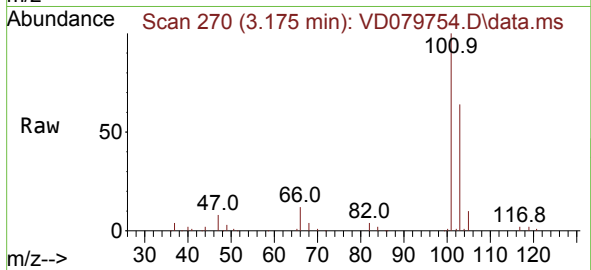




#7
Trichlorofluoromethane
Concen: 46.137 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

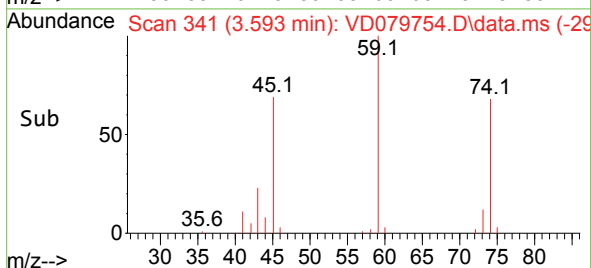
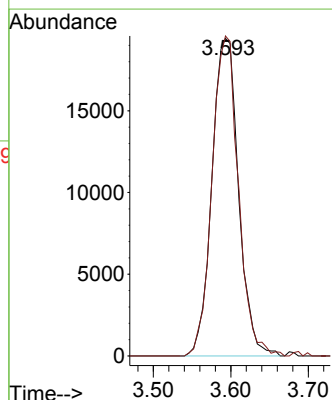
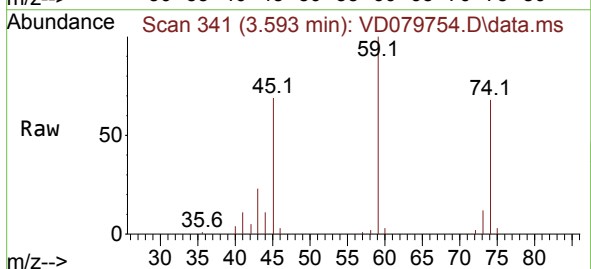
Instrument :
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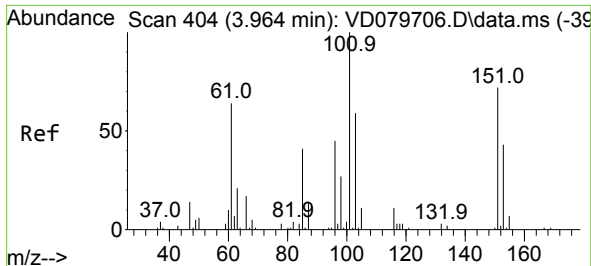
Tgt Ion:101 Resp: 150430
Ion Ratio Lower Upper
101 100
103 63.8 53.2 79.8



#8
Diethyl Ether
Concen: 44.887 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 74 Resp: 46433
Ion Ratio Lower Upper
74 100
45 99.6 37.9 113.6

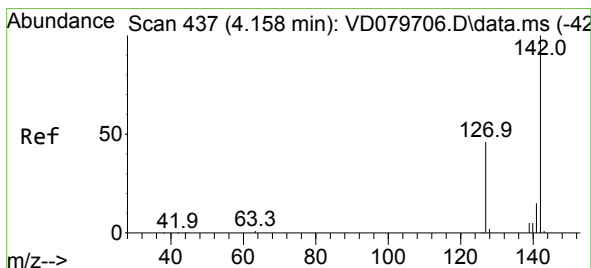
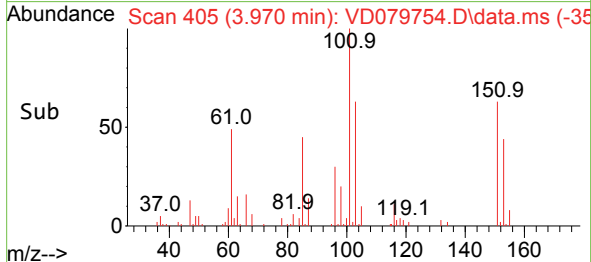
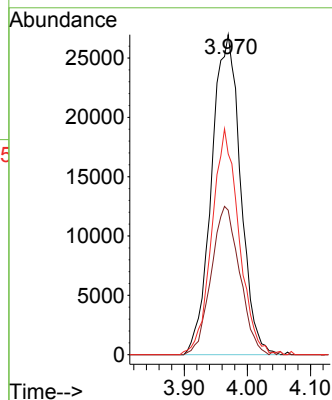
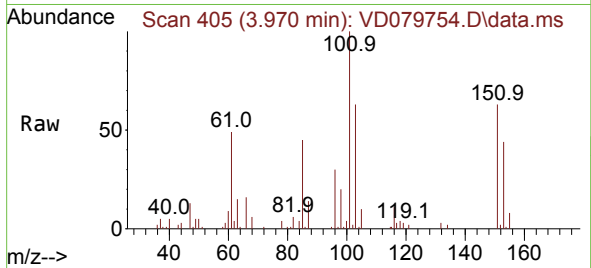




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.019 ug/l
RT: 3.970 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

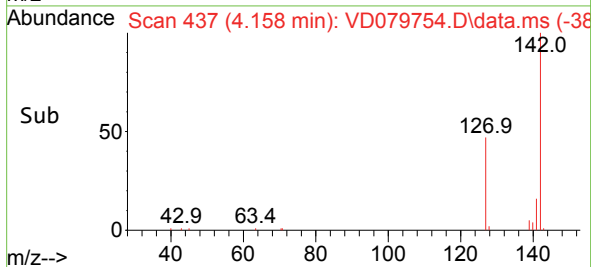
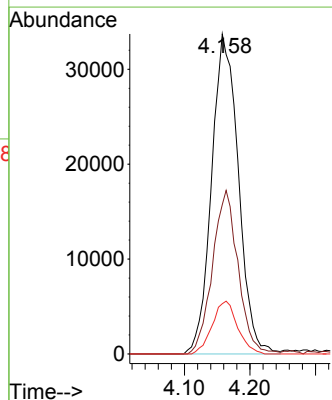
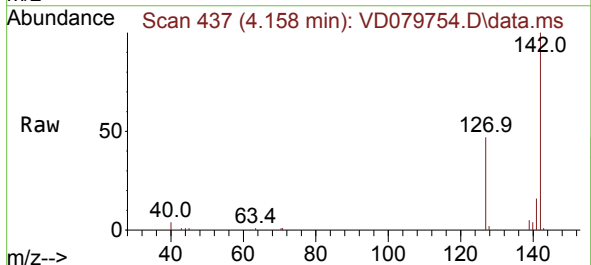
Instrument :
MSVOA_D
ClientSampleId :

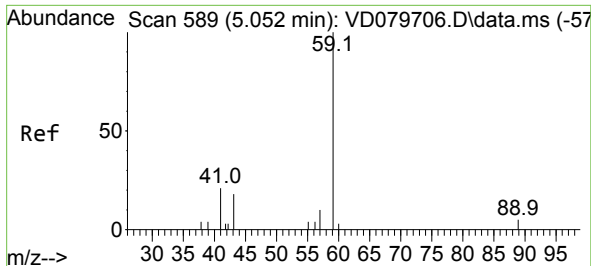
Tgt Ion:101 Resp: 85838
Ion Ratio Lower Upper
101 100
85 45.5 33.5 50.3
151 66.1 60.3 90.5



#10
Methyl Iodide
Concen: 45.477 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion:142 Resp: 95662
Ion Ratio Lower Upper
142 100
127 48.8 34.2 51.4
141 15.6 11.7 17.5

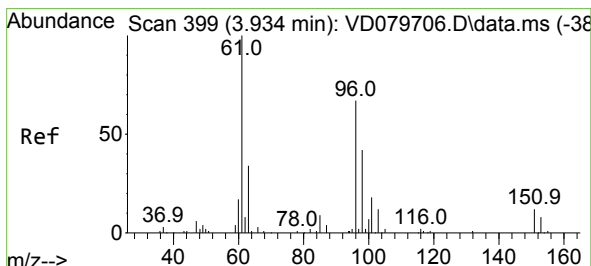
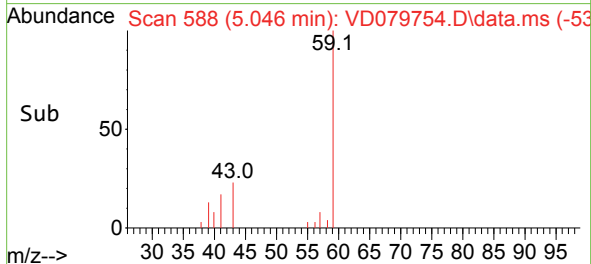
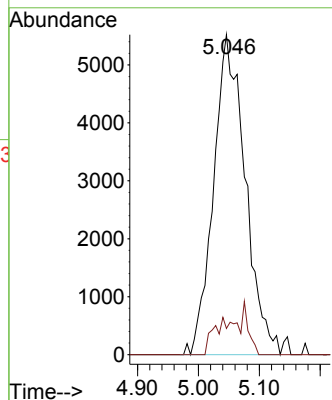
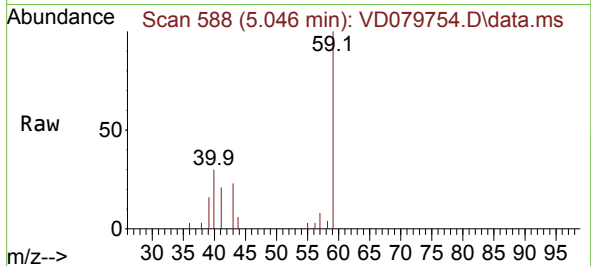




#11
Tert butyl alcohol
Concen: 206.532 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

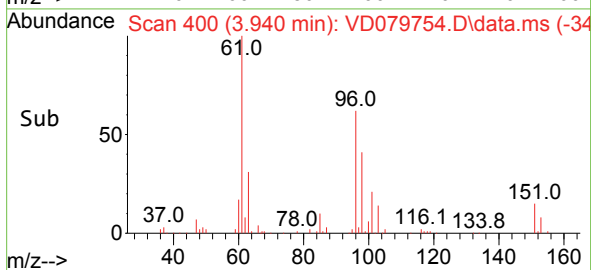
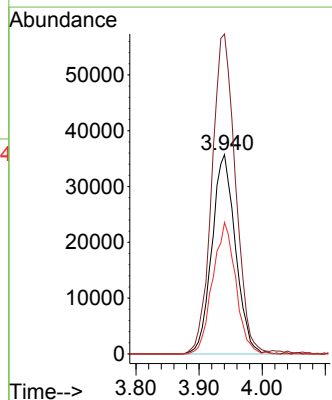
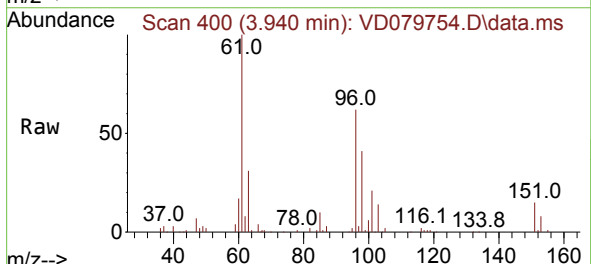
Instrument :
MSVOA_D
ClientSampleId :

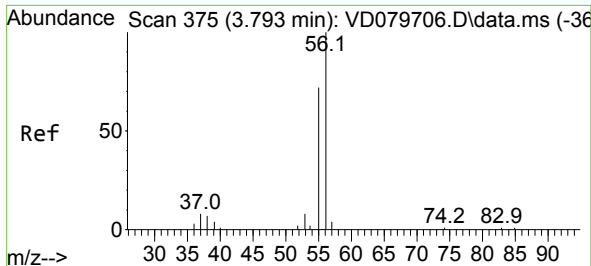
Tgt Ion: 59 Resp: 19905
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 48.368 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 96 Resp: 92708
Ion Ratio Lower Upper
96 100
61 160.6 107.3 160.9
98 66.0 51.7 77.5





#13

Acrolein

Concen: 248.226 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

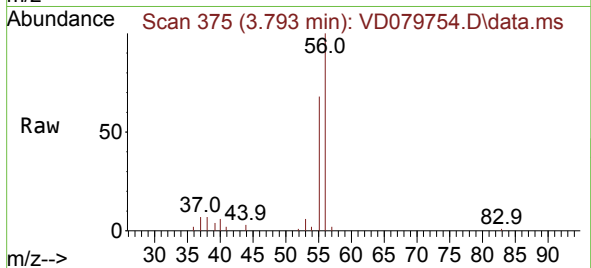
Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :

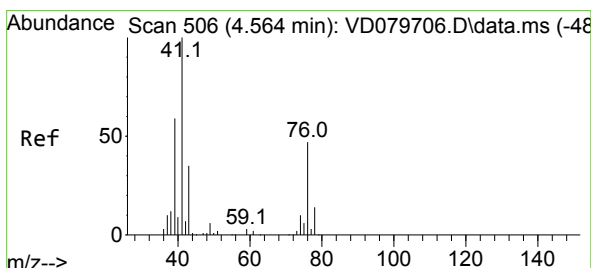
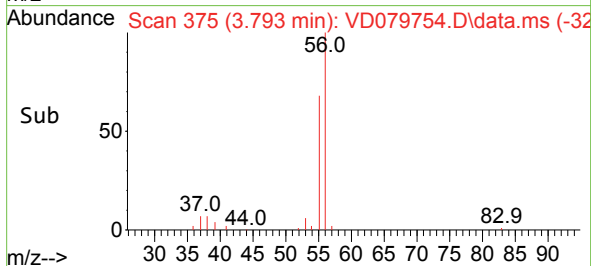
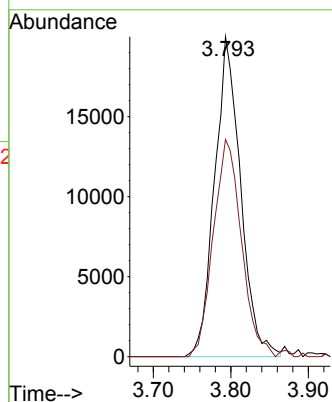


Tgt Ion: 56 Resp: 46640

Ion Ratio Lower Upper

56 100

55 73.4 55.3 82.9



#14

Allyl chloride

Concen: 50.263 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

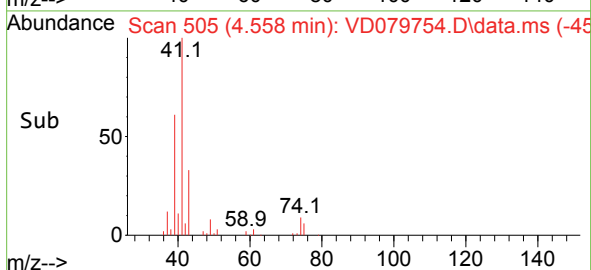
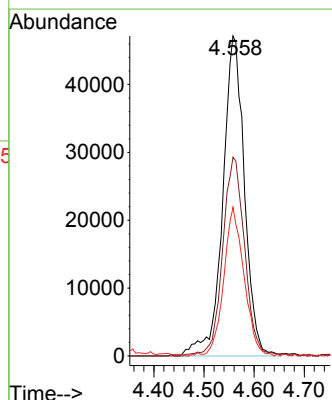
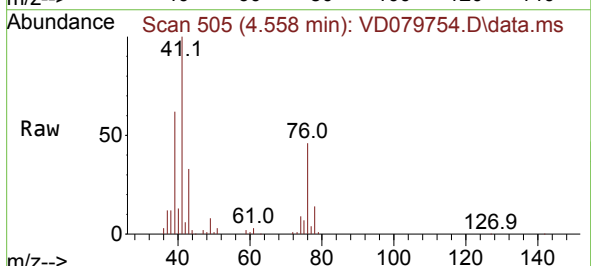
Tgt Ion: 41 Resp: 141933

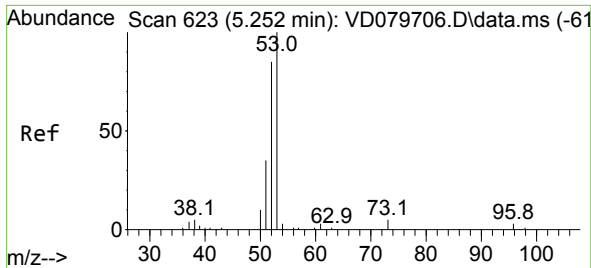
Ion Ratio Lower Upper

41 100

39 62.8 58.0 87.0

76 43.2 45.9 68.9#

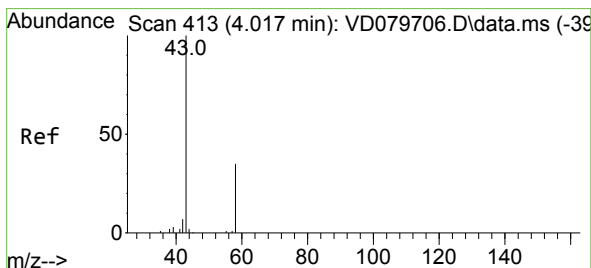
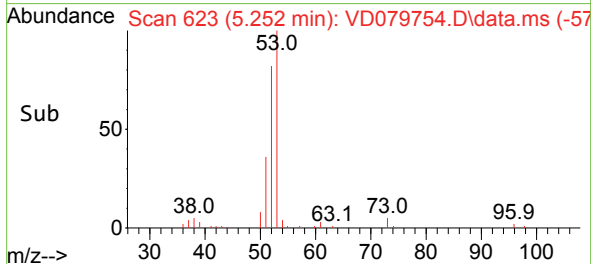
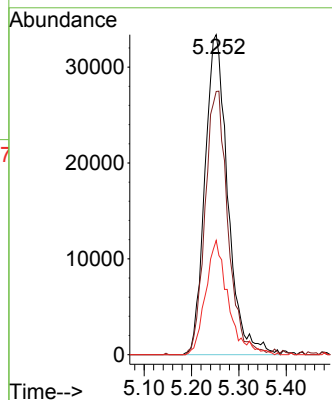
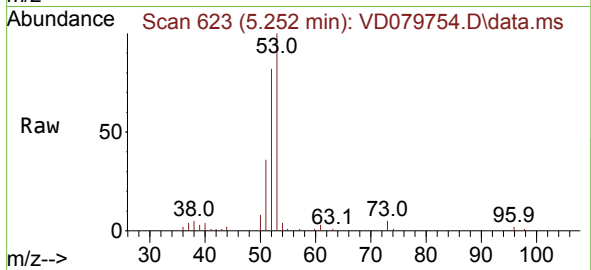




#15
Acrylonitrile
Concen: 240.288 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

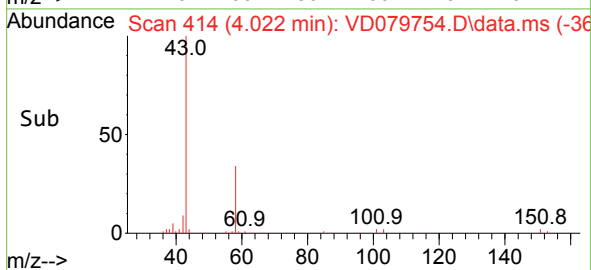
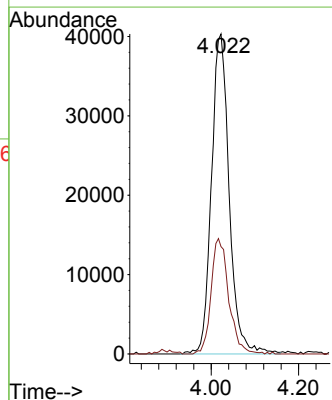
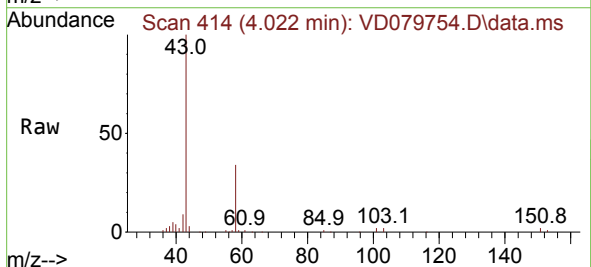
Instrument :
MSVOA_D
ClientSampleId :

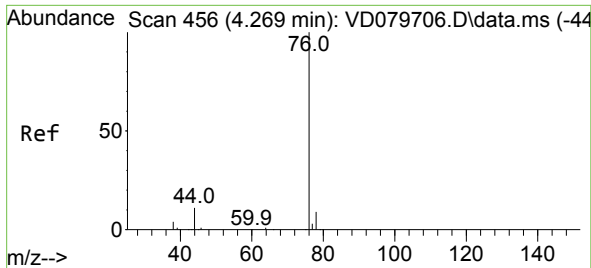
Tgt Ion: 53 Resp: 112084
Ion Ratio Lower Upper
53 100
52 81.7 67.7 101.5
51 35.5 28.6 42.8



#16
Acetone
Concen: 280.163 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 43 Resp: 113620
Ion Ratio Lower Upper
43 100
58 33.5 30.4 45.6

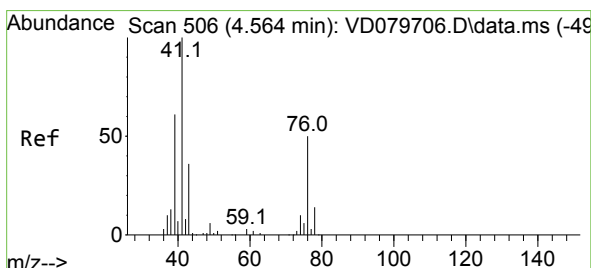
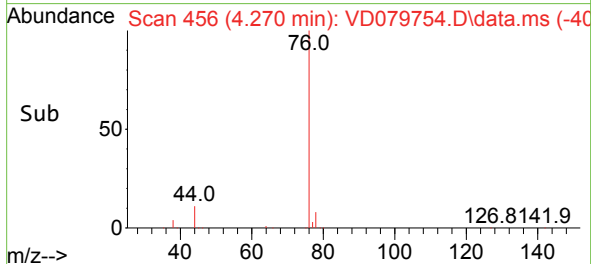
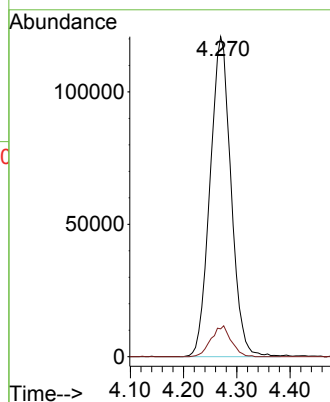
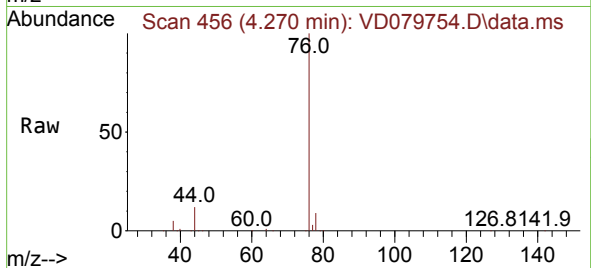




#17
Carbon Disulfide
Concen: 47.046 ug/l
RT: 4.270 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

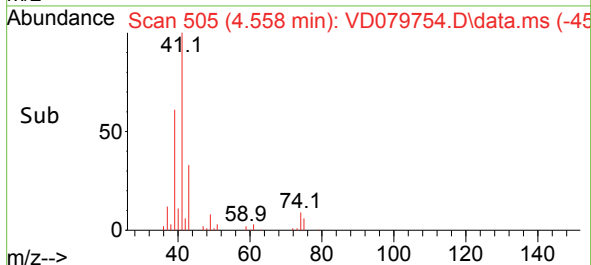
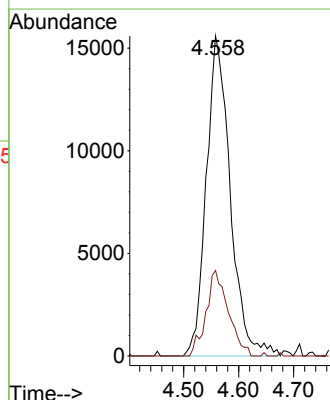
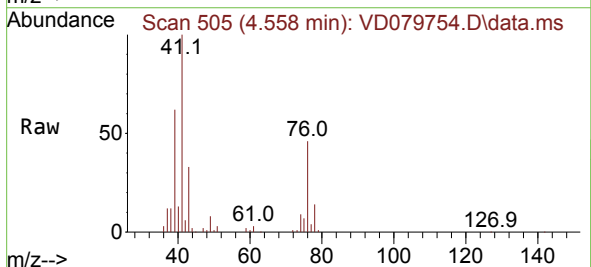
Instrument :
MSVOA_D
ClientSampleId :

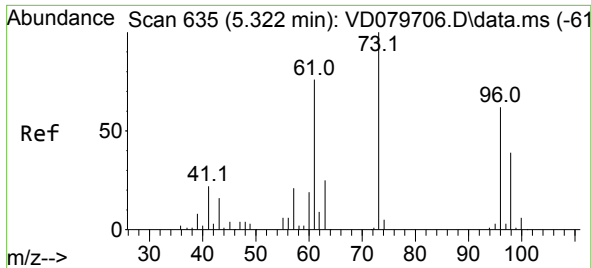
Tgt Ion: 76 Resp: 329732
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 40.629 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 43 Resp: 47231
Ion Ratio Lower Upper
43 100
74 24.6 28.1 42.1#

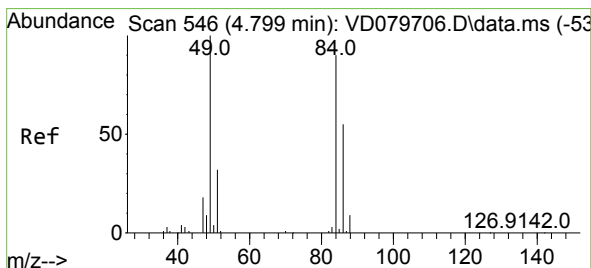
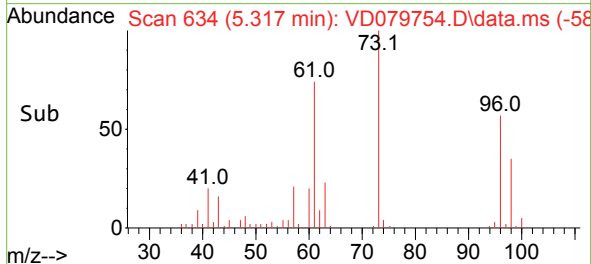
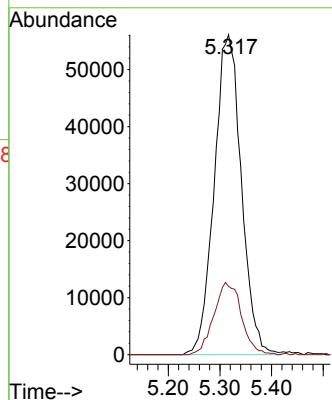
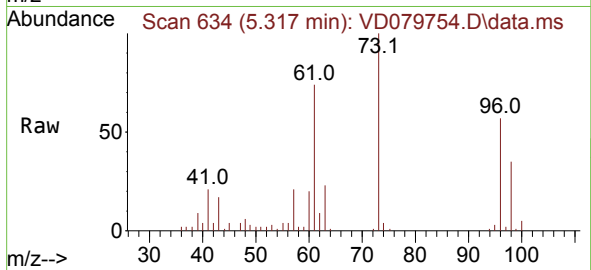




#19
Methyl tert-butyl Ether
Concen: 48.634 ug/l
RT: 5.317 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

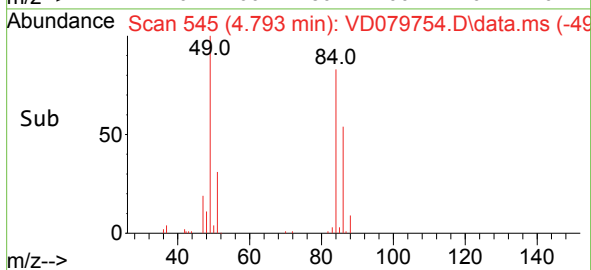
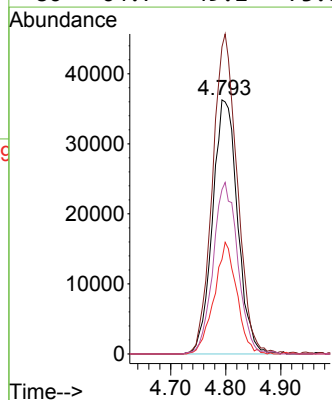
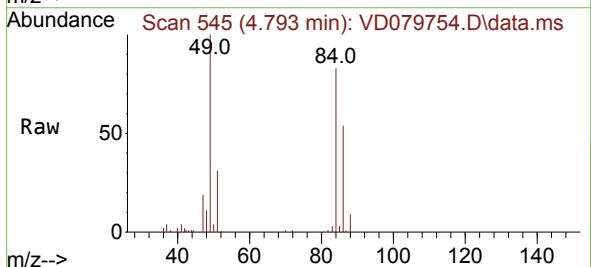
Instrument :
MSVOA_D
ClientSampleId :

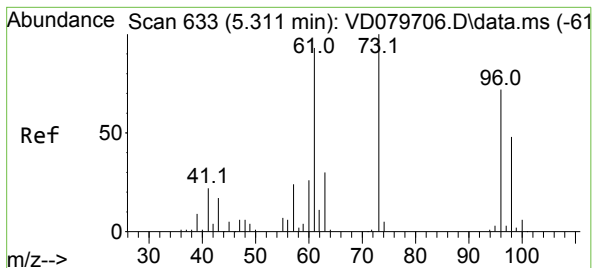
Tgt Ion: 73 Resp: 204006
Ion Ratio Lower Upper
73 100
57 21.4 18.3 27.5



#20
Methylene Chloride
Concen: 46.704 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 84 Resp: 114479
Ion Ratio Lower Upper
84 100
49 120.9 75.6 113.4#
51 37.1 24.2 36.2#
86 64.7 49.2 73.8





#21

trans-1,2-Dichloroethene

Concen: 47.168 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :

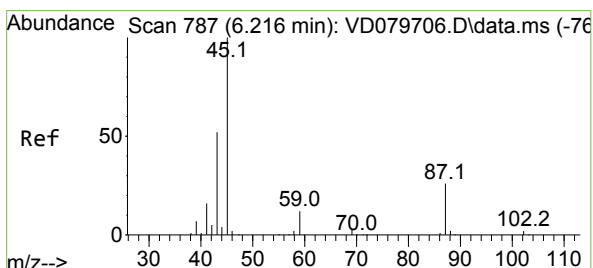
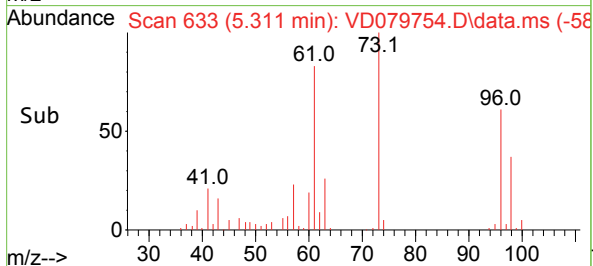
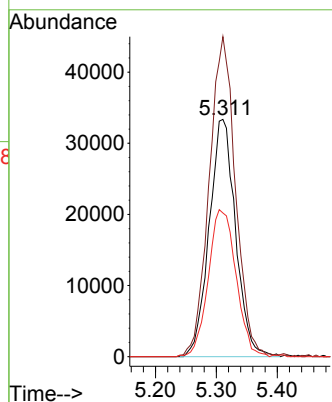
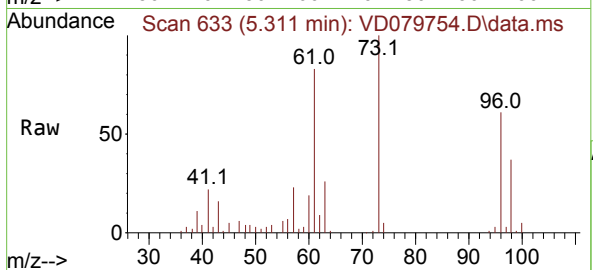
Tgt Ion: 96 Resp: 100340

Ion Ratio Lower Upper

96 100

61 134.3 84.5 126.7#

98 59.9 50.5 75.7



#22

Diisopropyl ether

Concen: 49.990 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Tgt Ion: 45 Resp: 297084

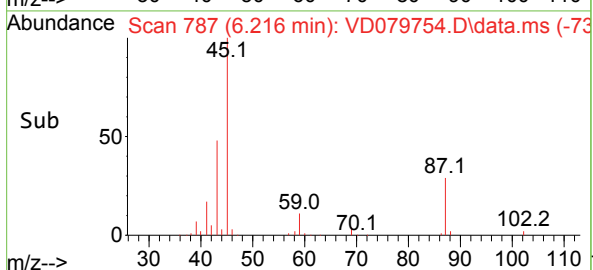
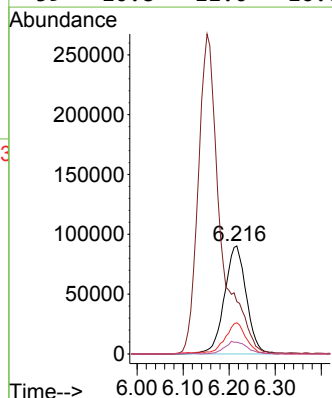
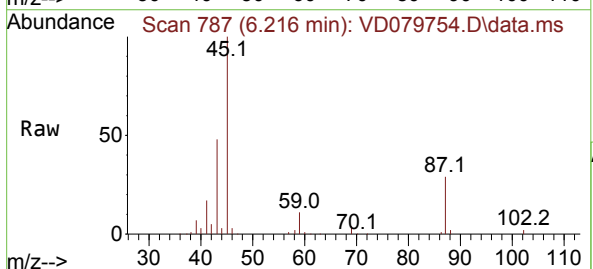
Ion Ratio Lower Upper

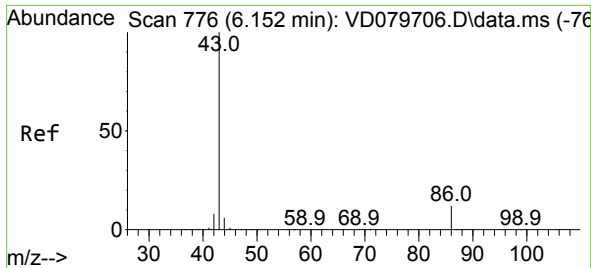
45 100

43 47.5 41.7 62.5

87 28.6 30.2 45.2#

59 10.8 11.0 16.6#

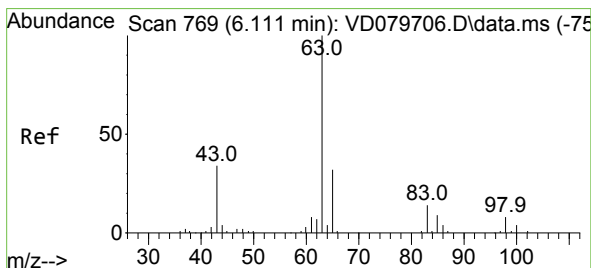
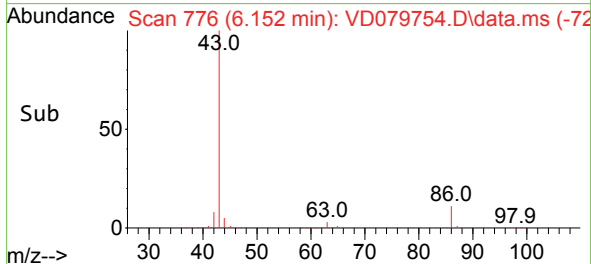
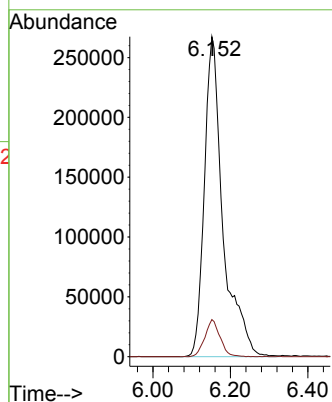
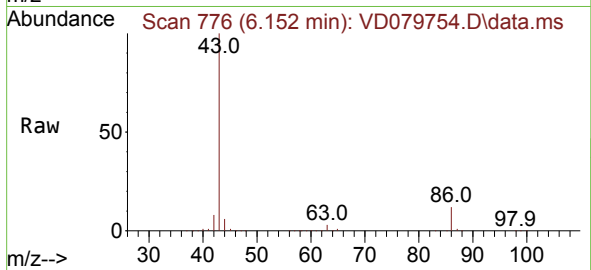




#23
 Vinyl Acetate
 Concen: 260.937 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079754.D
 Acq: 30 Aug 2024 14:43

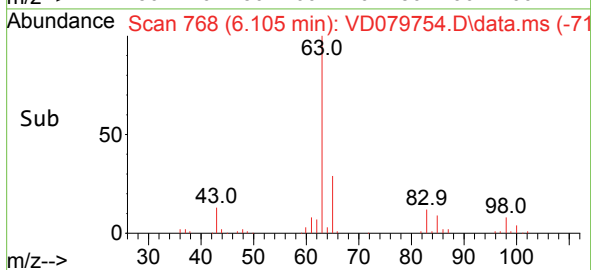
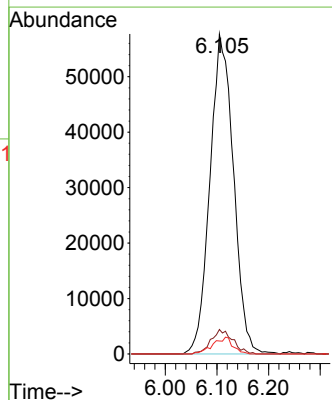
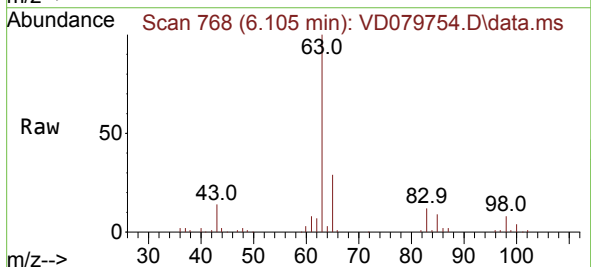
Instrument :
 MSVOA_D
 ClientSampleId :

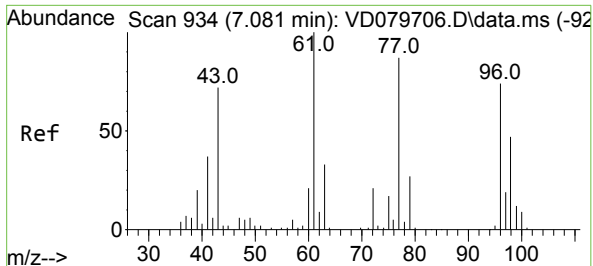
Tgt Ion: 43 Resp: 892799
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 46.963 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD079754.D
 Acq: 30 Aug 2024 14:43

Tgt Ion: 63 Resp: 182508
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.7 14.0
 100 4.0 2.9 8.6

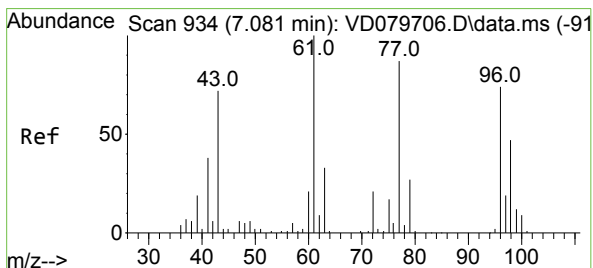
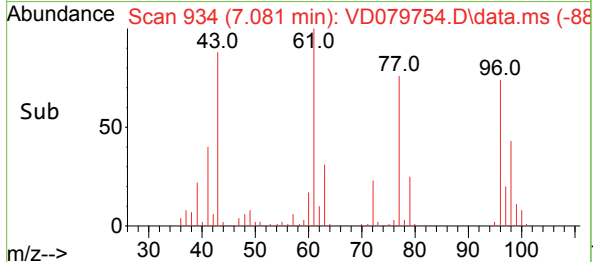
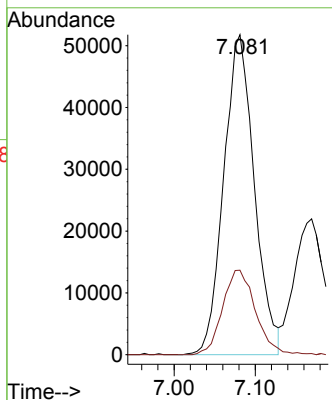
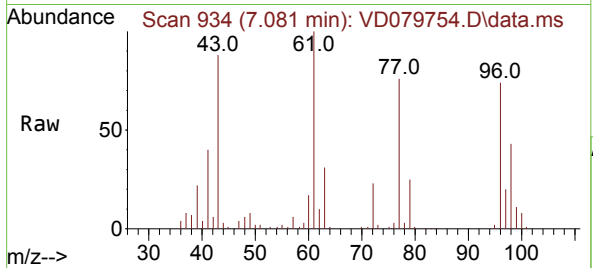




#25
2-Butanone
Concen: 250.828 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

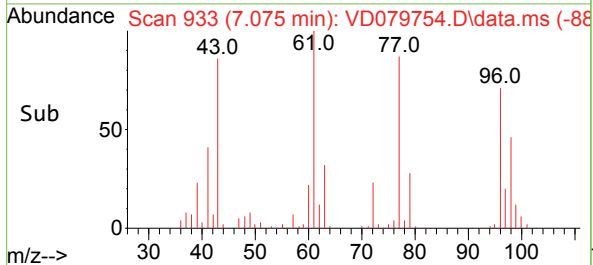
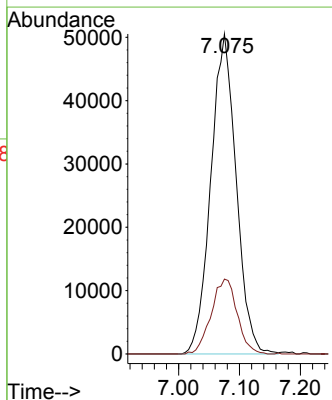
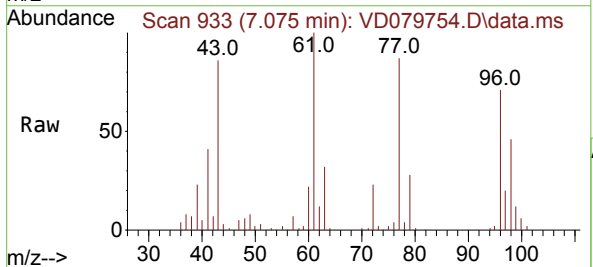
Instrument :
MSVOA_D
ClientSampleId :

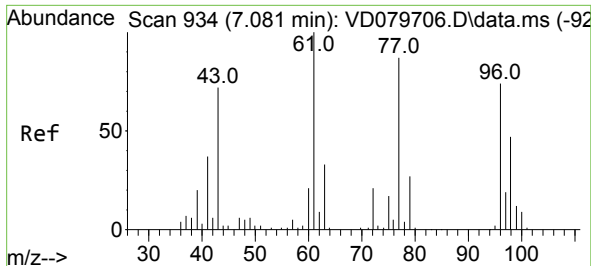
Tgt Ion: 43 Resp: 135708
Ion Ratio Lower Upper
43 100
72 26.4 26.4 39.6



#26
2,2-Dichloropropane
Concen: 48.313 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 77 Resp: 146076
Ion Ratio Lower Upper
77 100
97 23.9 12.4 37.2

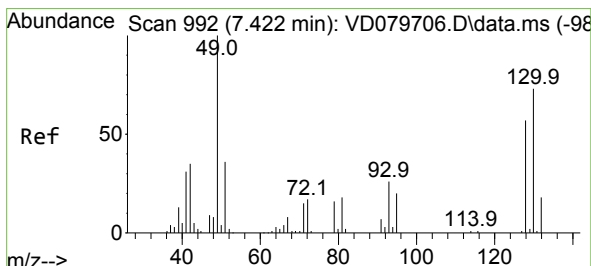
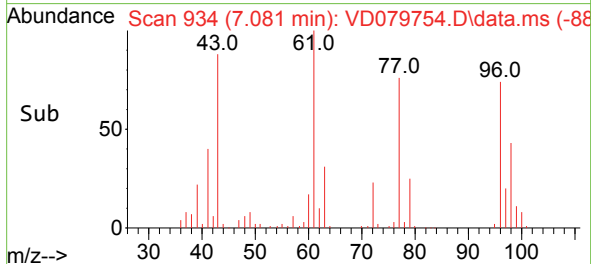
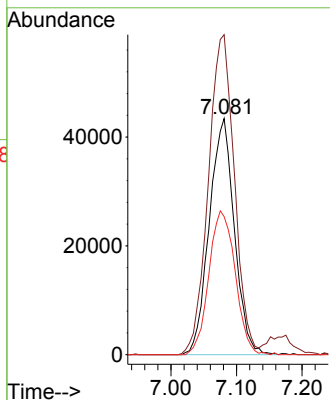
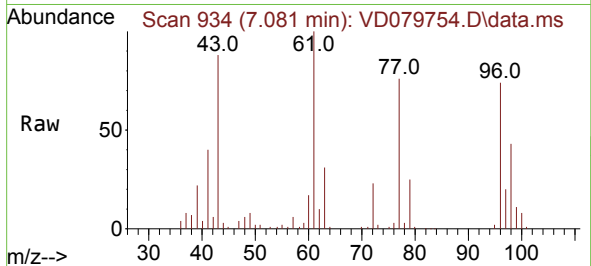




#27
 cis-1,2-Dichloroethene
 Concen: 47.309 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD079754.D
 Acq: 30 Aug 2024 14:43

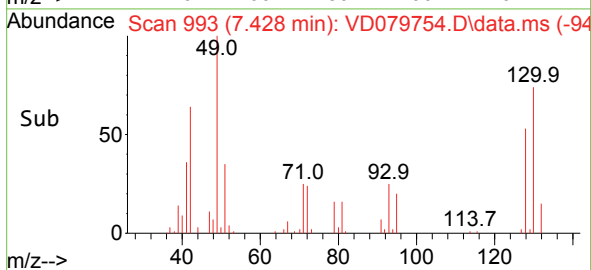
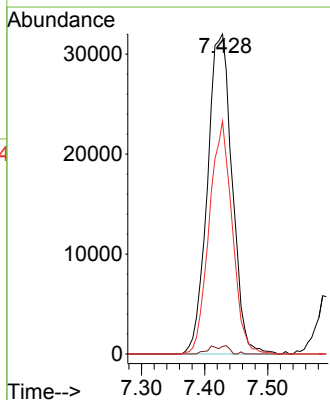
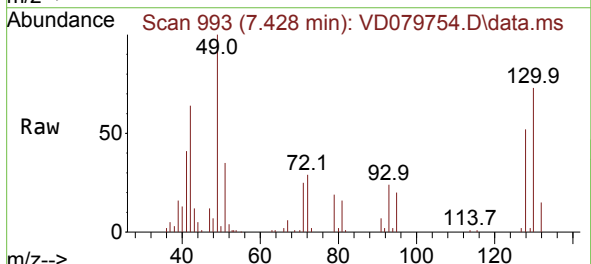
Instrument :
 MSVOA_D
 ClientSampleId :

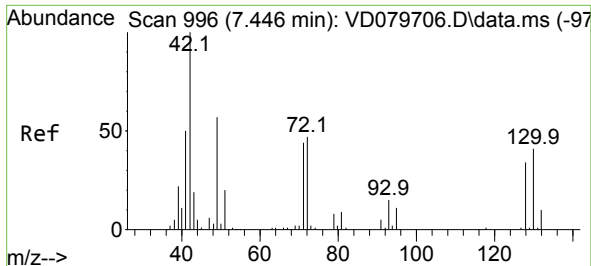
Tgt Ion: 96 Resp: 115428
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 229.0
 98 63.9 0.0 127.2



#28
 Bromochloromethane
 Concen: 50.469 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD079754.D
 Acq: 30 Aug 2024 14:43

Tgt Ion: 49 Resp: 87173
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 7.0
 130 67.7 87.7 131.5#





#29

Tetrahydrofuran

Concen: 241.722 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

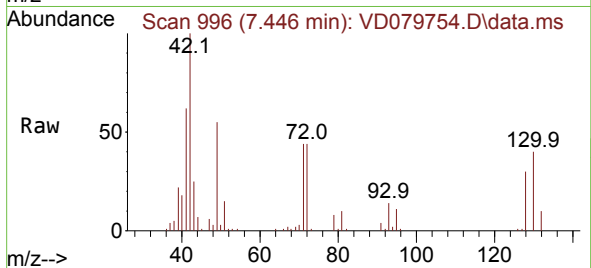
Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

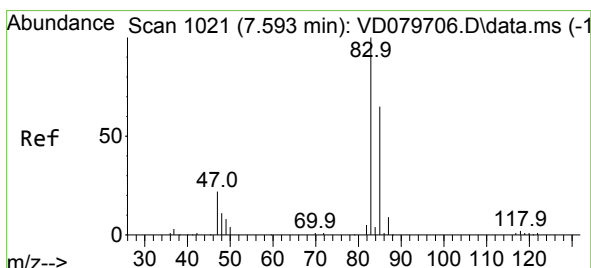
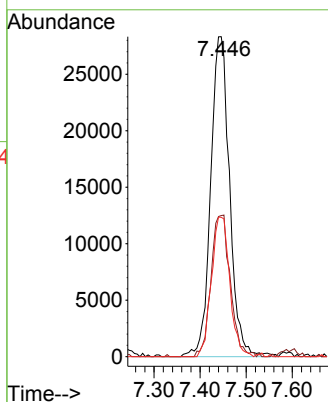
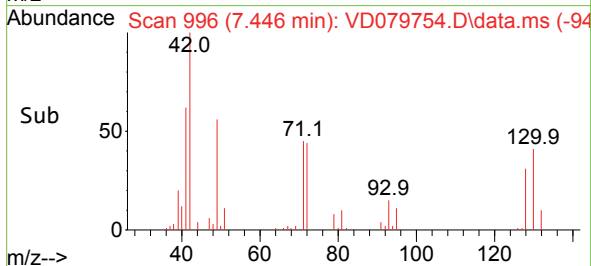
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	80892
Ion Ratio	Lower	Upper	
42	100		
72	45.0	49.4	74.0#
71	42.3	45.0	67.6#



#30

Chloroform

Concen: 46.020 ug/l

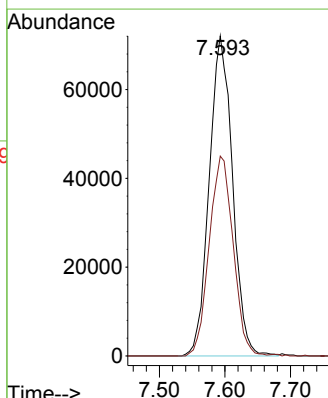
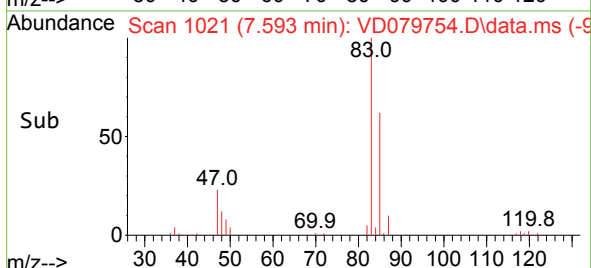
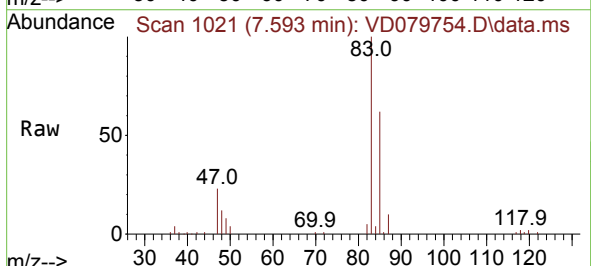
RT: 7.593 min Scan# 1021

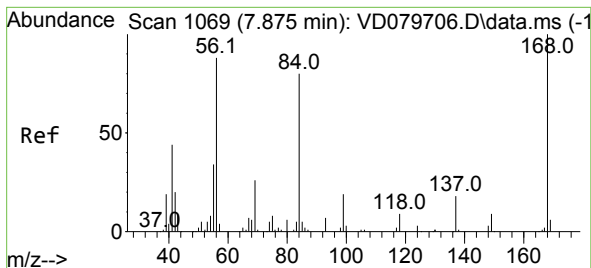
Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Tgt Ion:	83	Resp:	177540
Ion Ratio	Lower	Upper	
83	100		
85	62.5	51.8	77.6





#31

Cyclohexane

Concen: 48.010 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :

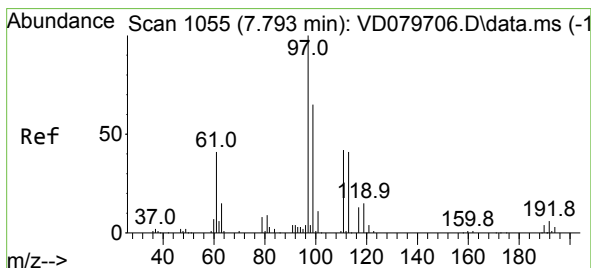
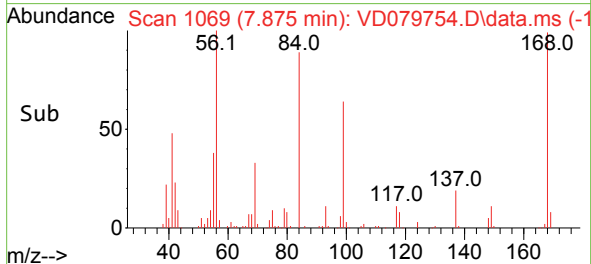
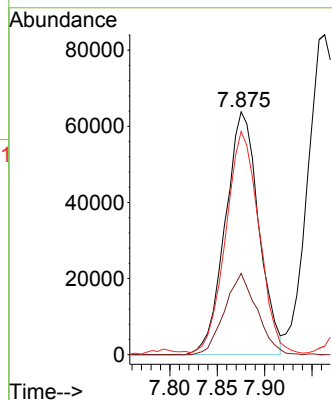
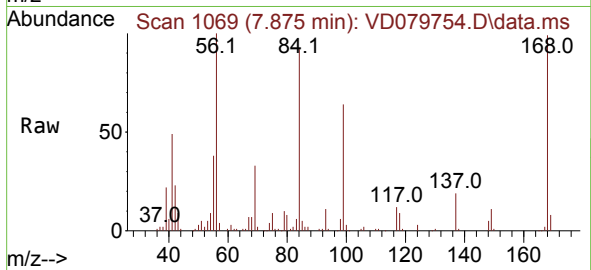
Tgt Ion: 56 Resp: 156855

Ion Ratio Lower Upper

56 100

69 33.4 28.0 42.0

84 90.7 87.4 131.0



#32

1,1,1-Trichloroethane

Concen: 46.753 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

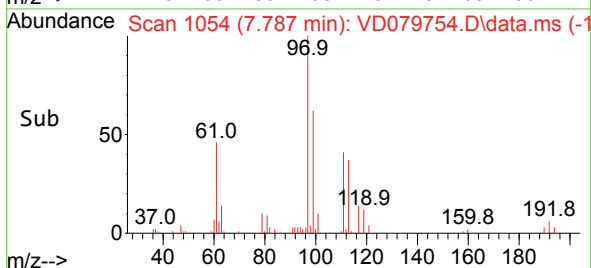
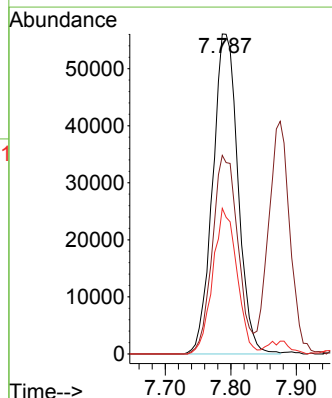
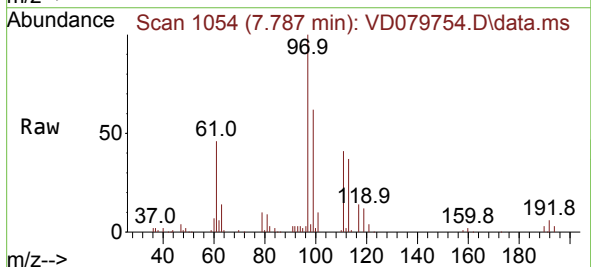
Tgt Ion: 97 Resp: 150235

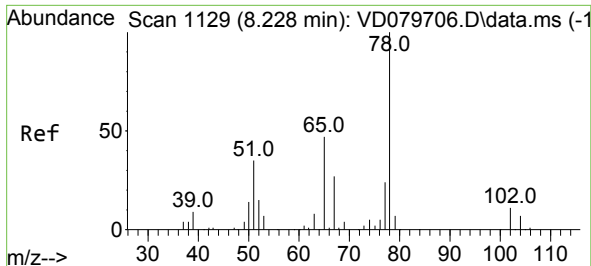
Ion Ratio Lower Upper

97 100

99 62.5 51.3 76.9

61 43.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 49.555 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

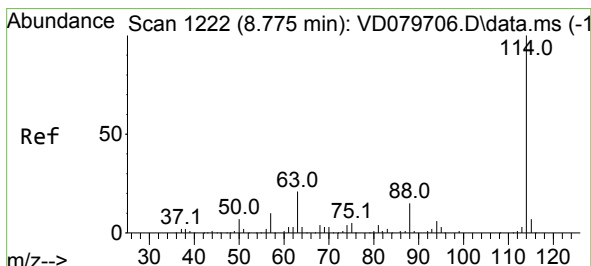
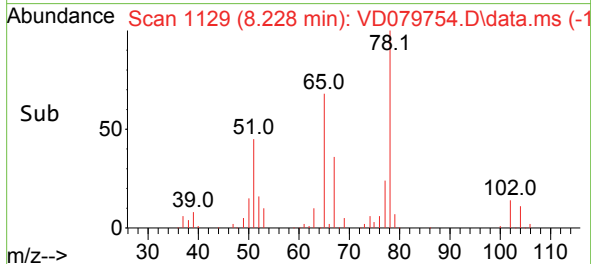
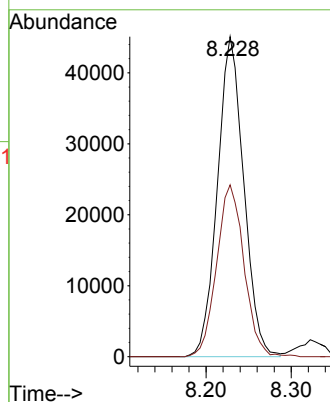
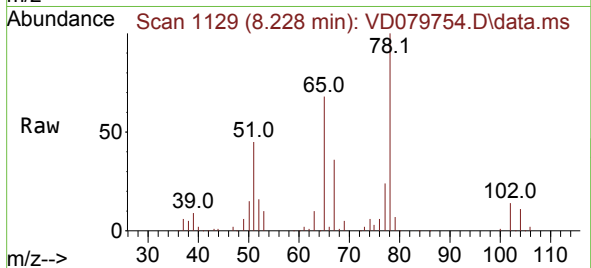
ClientSampleId :

Tgt Ion: 65 Resp: 96845

Ion Ratio Lower Upper

65 100

67 55.9 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

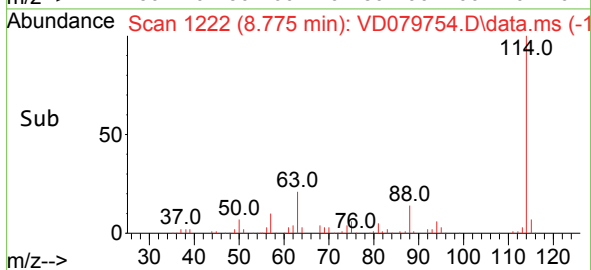
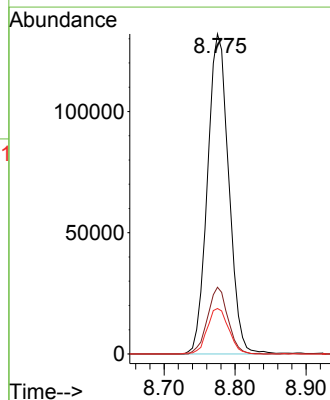
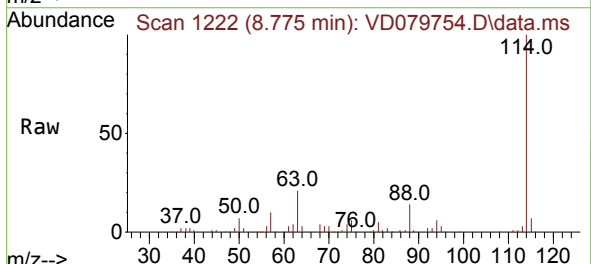
Tgt Ion:114 Resp: 274594

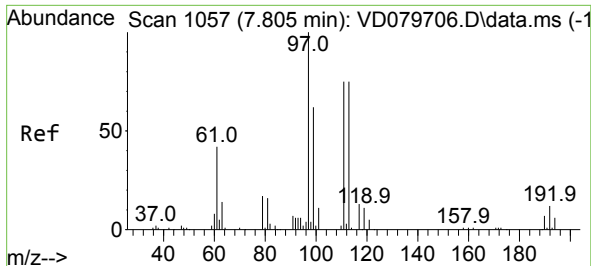
Ion Ratio Lower Upper

114 100

63 20.9 0.0 34.0

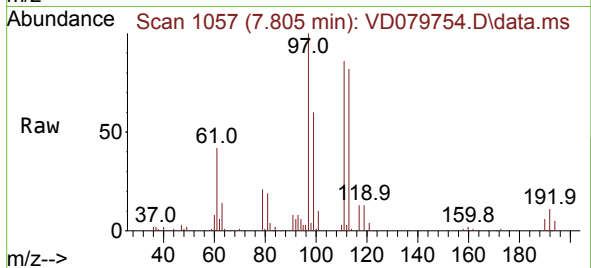
88 14.2 0.0 27.2



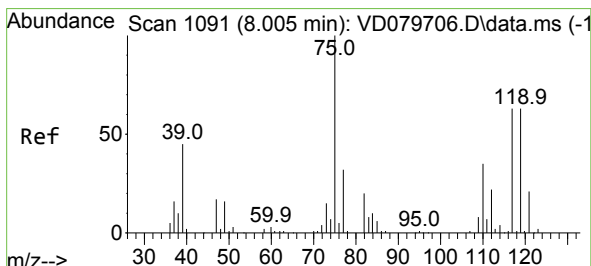
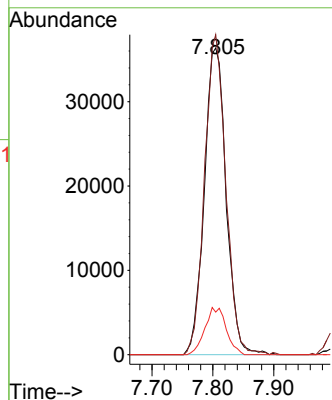
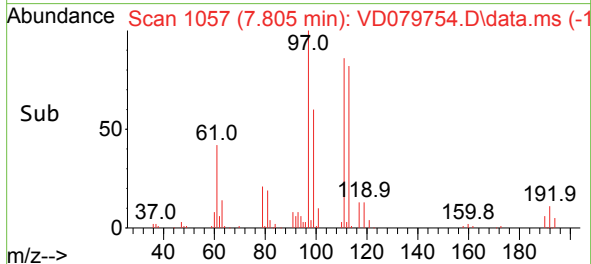


#35
Dibromofluoromethane
Concen: 50.809 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

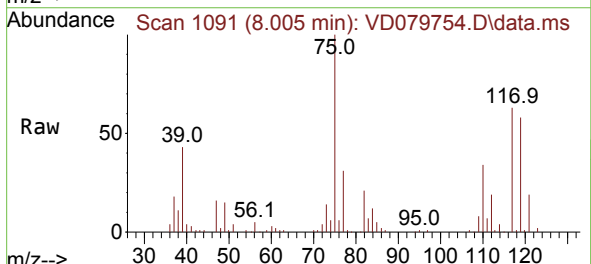
Instrument :
MSVOA_D
ClientSampleId :



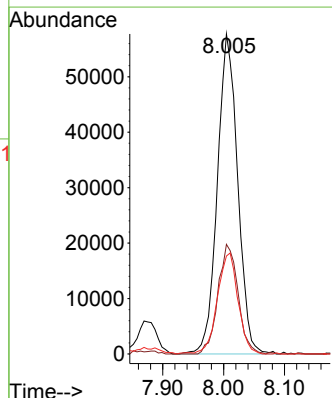
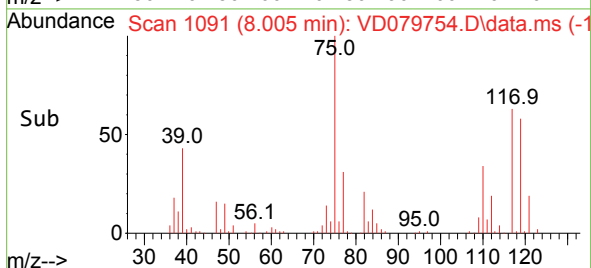
Tgt Ion:113 Resp: 90687
Ion Ratio Lower Upper
113 100
111 101.4 84.0 126.0
192 15.0 15.4 23.0#

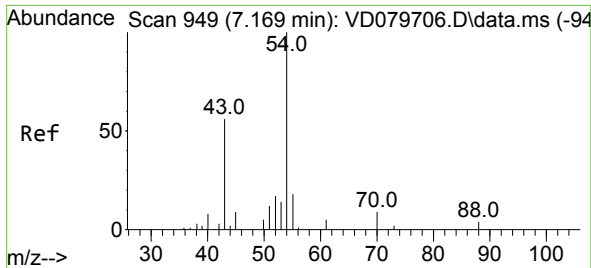


#36
1,1-Dichloropropene
Concen: 50.556 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43



Tgt Ion: 75 Resp: 133744
Ion Ratio Lower Upper
75 100
110 33.9 19.6 58.7
77 32.2 26.1 39.1

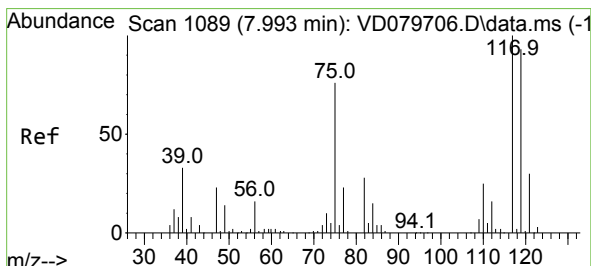
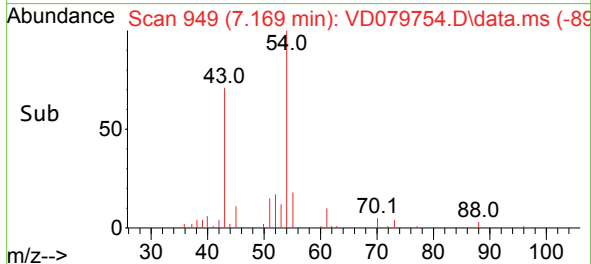
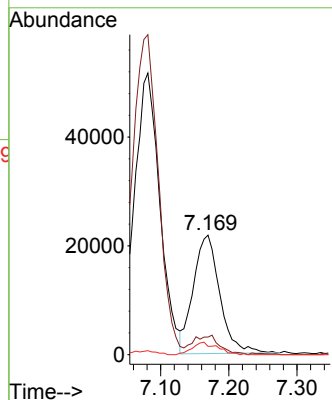
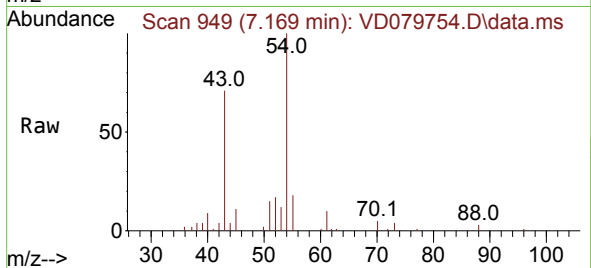




#37
Ethyl Acetate
Concen: 50.201 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

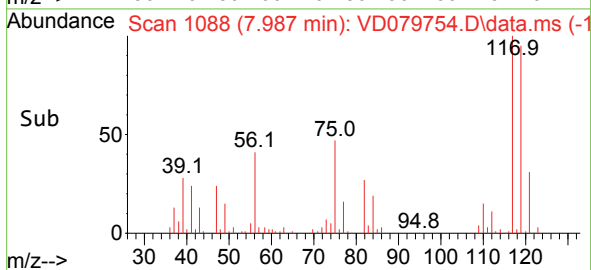
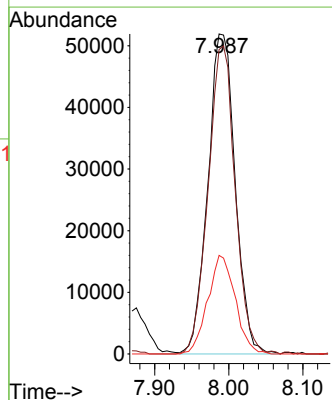
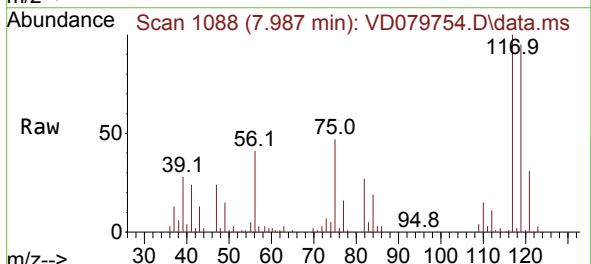
Instrument :
MSVOA_D
ClientSampleId :

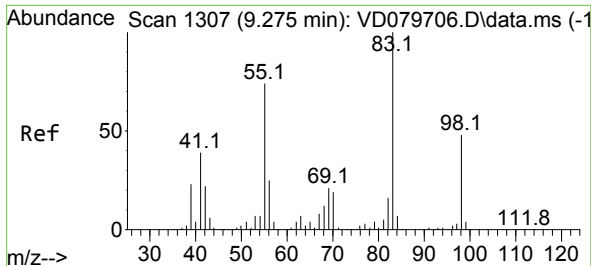
Tgt Ion: 43 Resp: 58688
Ion Ratio Lower Upper
43 100
61 16.4 13.9 20.9
70 10.0 9.8 14.6



#38
Carbon Tetrachloride
Concen: 47.184 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

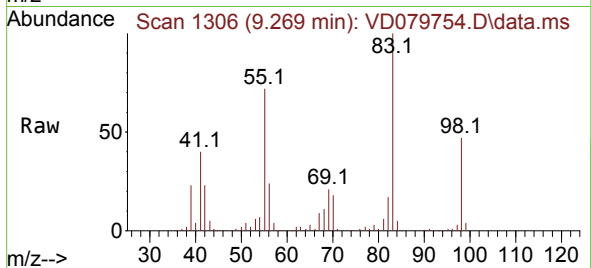
Tgt Ion: 117 Resp: 133124
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.0
121 30.8 25.0 37.4



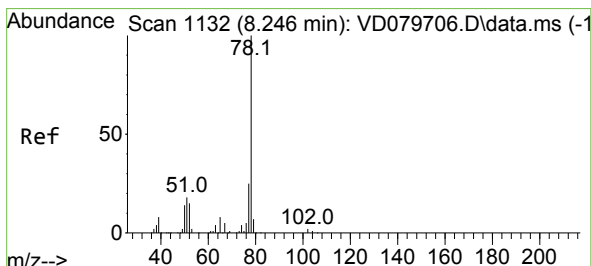
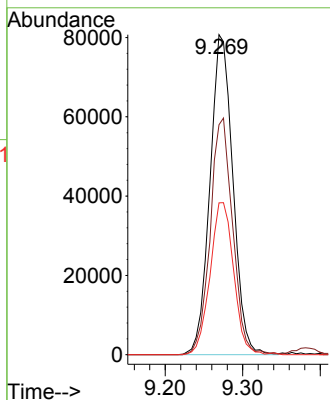
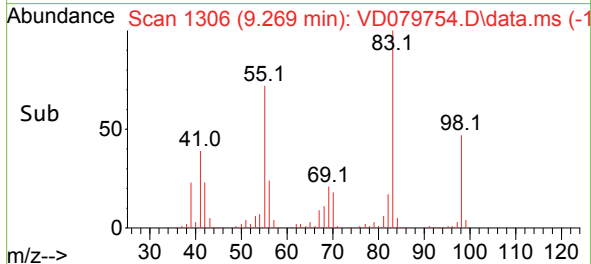


#39
Methylcyclohexane
Concen: 51.481 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Instrument :
MSVOA_D
ClientSampleId :

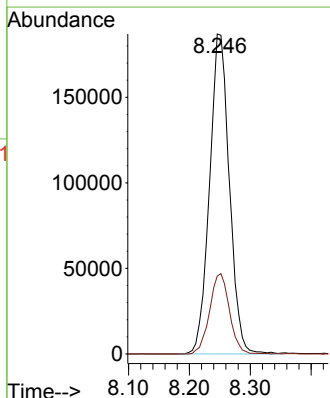
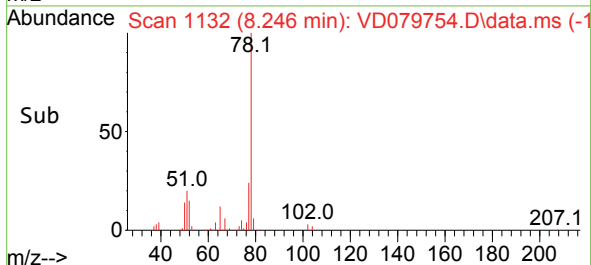
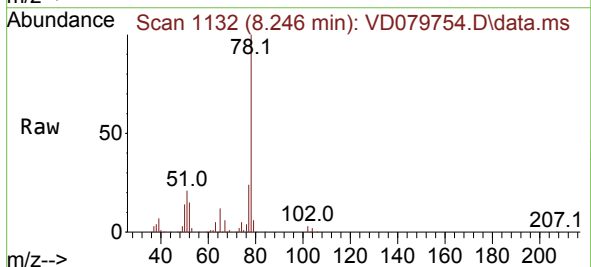


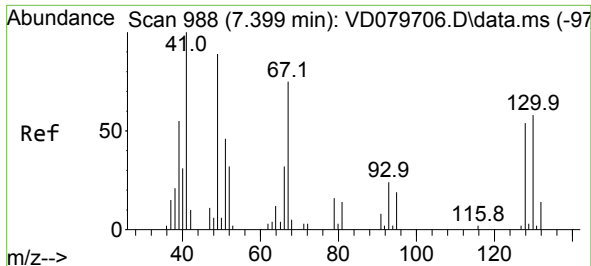
Tgt Ion: 83 Resp: 165850
Ion Ratio Lower Upper
83 100
55 71.9 50.1 75.1
98 47.4 41.9 62.9



#40
Benzene
Concen: 47.915 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

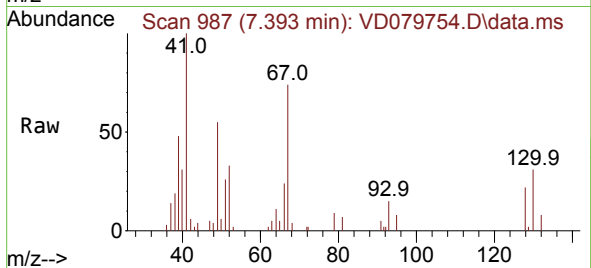
Tgt Ion: 78 Resp: 422739
Ion Ratio Lower Upper
78 100
77 24.4 18.1 27.1



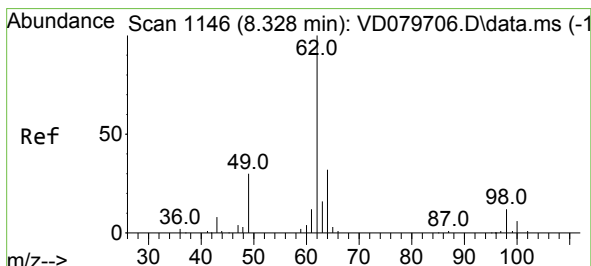
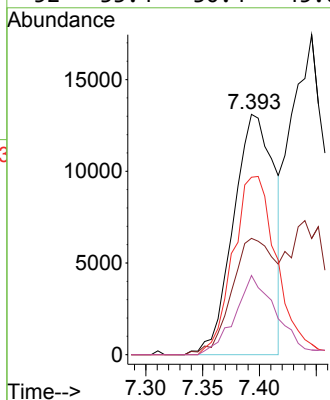
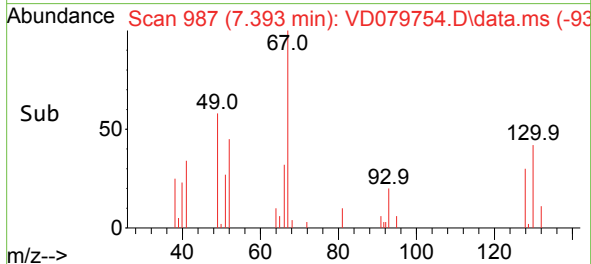


#41
Methacrylonitrile
Concen: 49.145 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Instrument :
MSVOA_D
ClientSampleId :

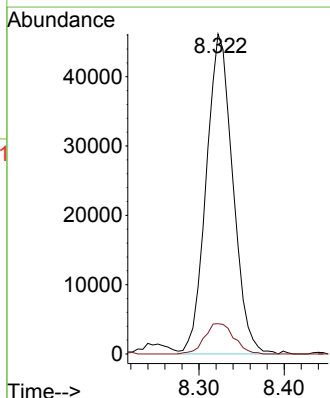
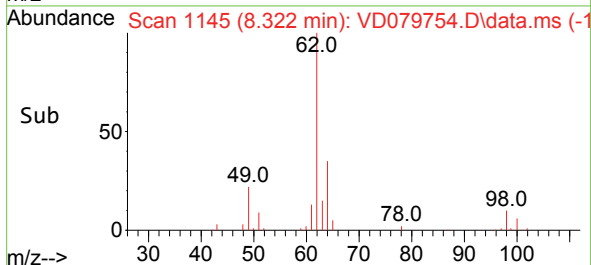
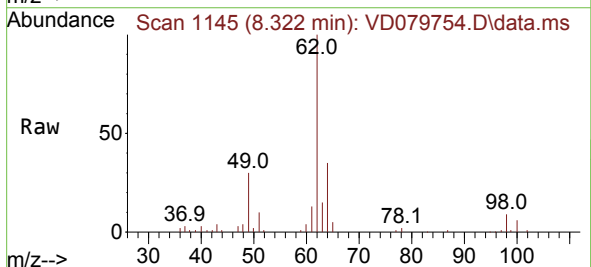


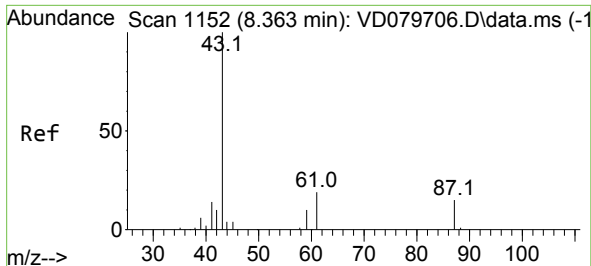
Tgt Ion:	41	Resp:	32877
Ion	Ratio	Lower	Upper
41	100		
39	50.9	41.4	62.0
67	78.9	85.8	128.6#
52	33.4	30.4	45.6



#42
1,2-Dichloroethane
Concen: 46.268 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

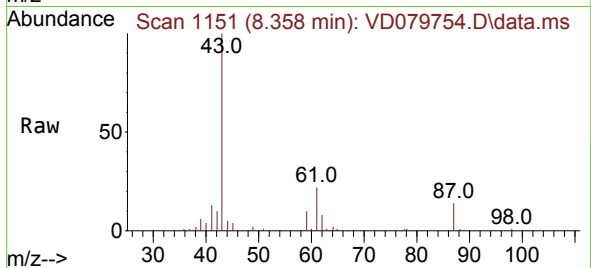
Tgt Ion:	62	Resp:	100114
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	25.8



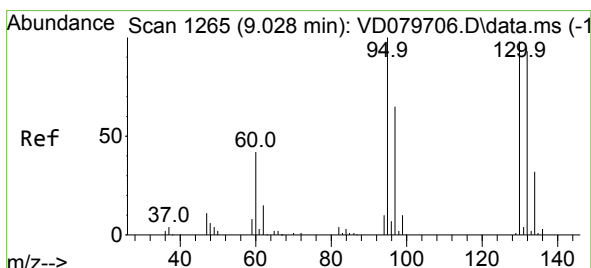
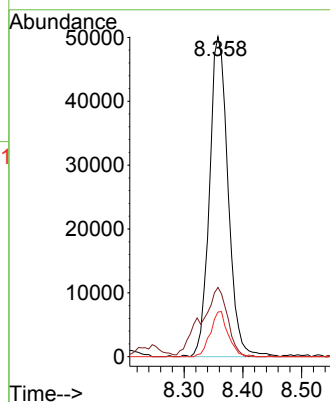
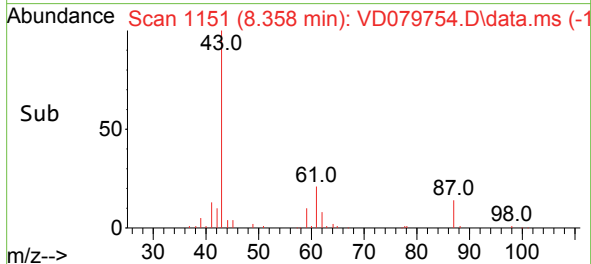


#43
Isopropyl Acetate
Concen: 50.499 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Instrument :
MSVOA_D
ClientSampleId :

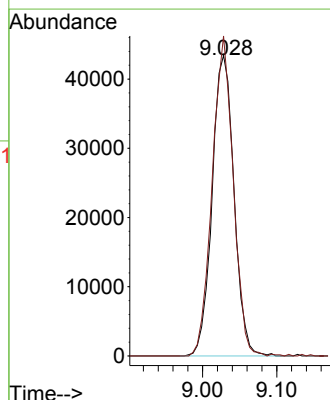
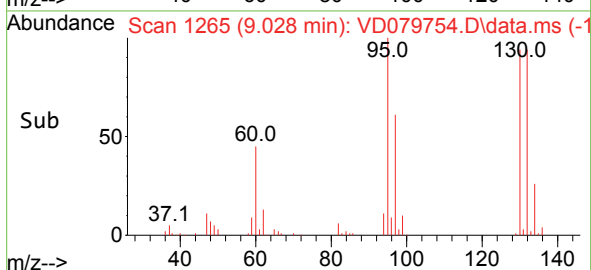
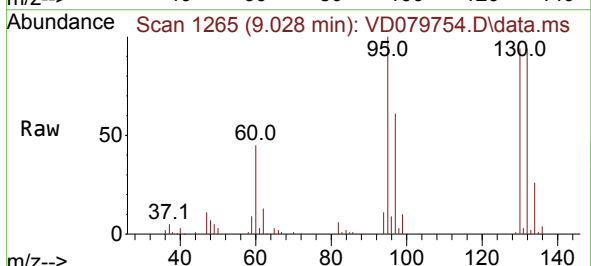


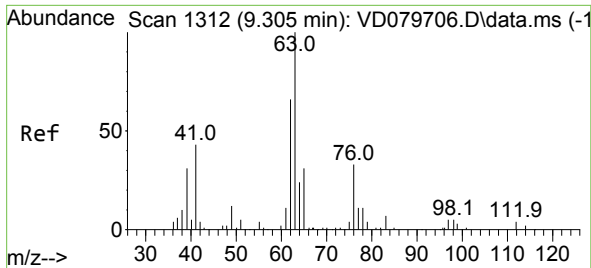
Tgt Ion: 43 Resp: 110139
Ion Ratio Lower Upper
43 100
61 31.0 29.3 43.9
87 13.4 14.9 22.3#



#44
Trichloroethene
Concen: 47.226 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion:130 Resp: 88922
Ion Ratio Lower Upper
130 100
95 106.4 0.0 177.8

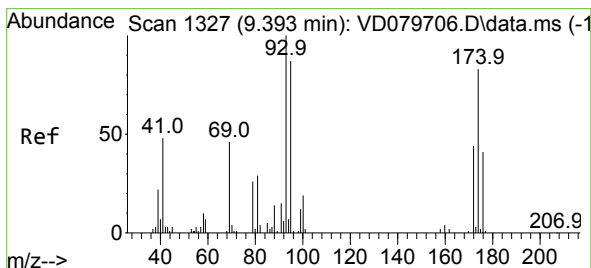
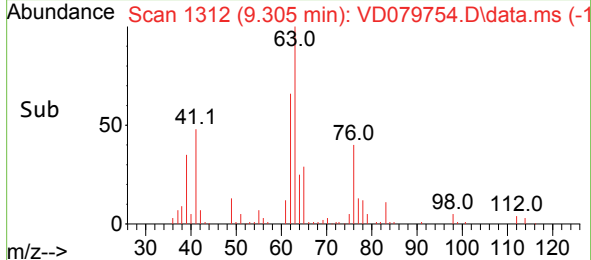
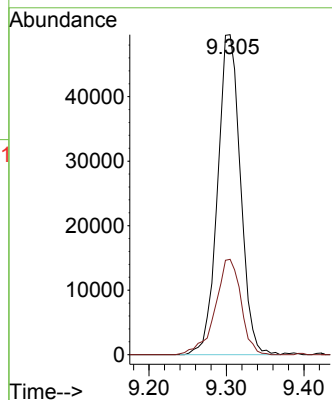
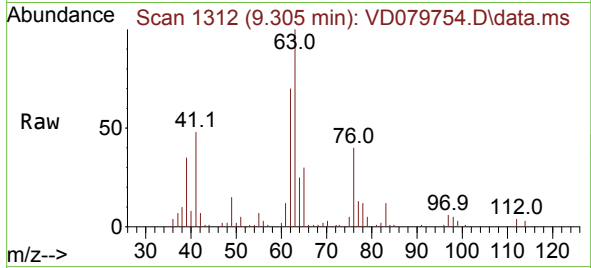




#45
1,2-Dichloropropane
Concen: 47.818 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

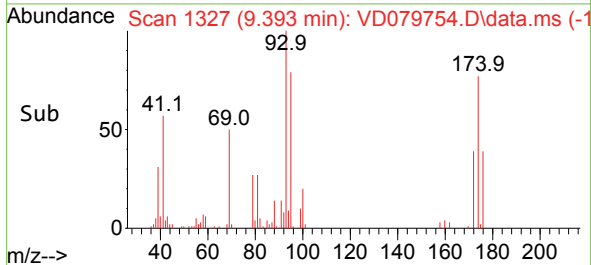
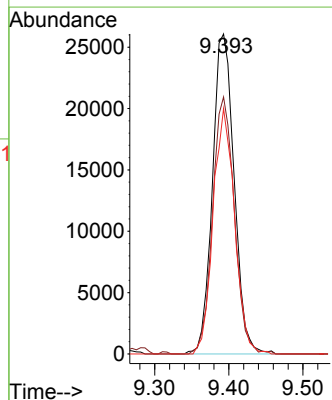
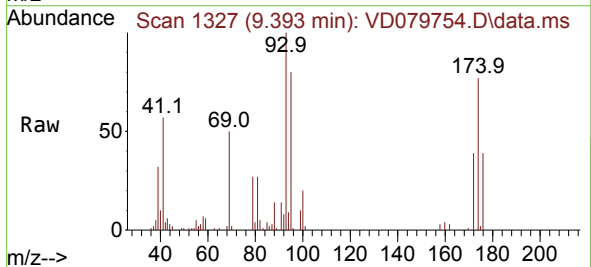
Instrument :
MSVOA_D
ClientSampleId :

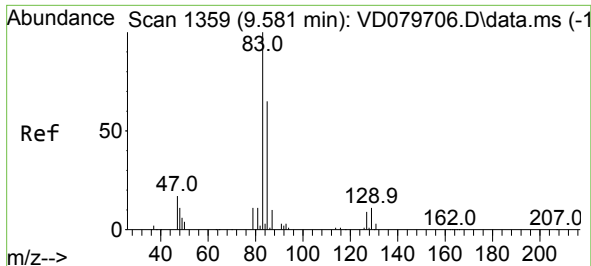
Tgt Ion: 63 Resp: 101843
Ion Ratio Lower Upper
63 100
65 29.8 23.8 35.8



#46
Dibromomethane
Concen: 47.025 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 93 Resp: 52980
Ion Ratio Lower Upper
93 100
95 80.7 65.6 98.4
174 76.0 82.3 123.5#





#47

Bromodichloromethane

Concen: 45.976 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :

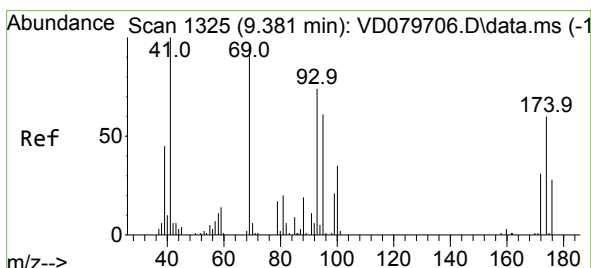
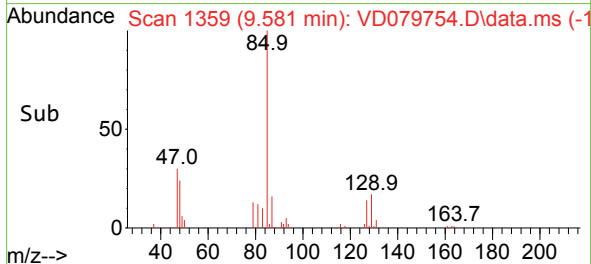
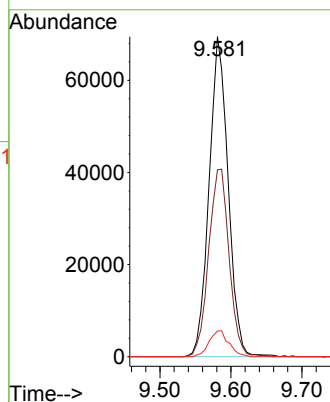
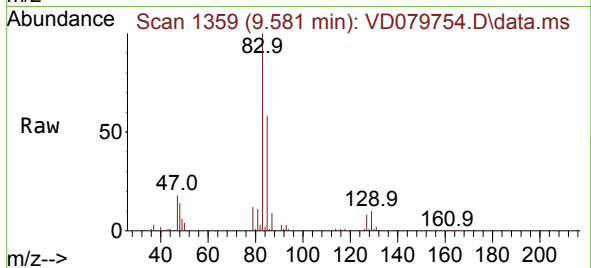
Tgt Ion: 83 Resp: 129358

Ion Ratio Lower Upper

83 100

85 58.4 50.1 75.1

127 8.0 6.8 10.2



#48

Methyl methacrylate

Concen: 49.755 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

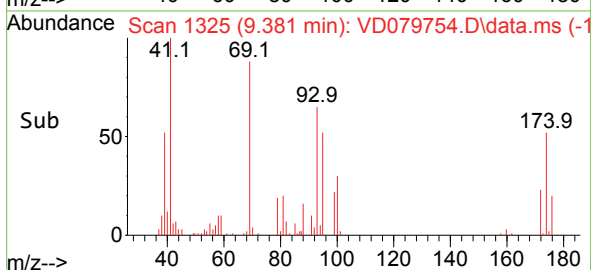
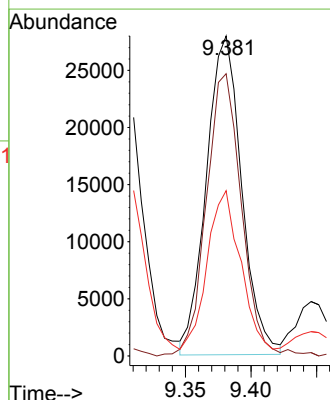
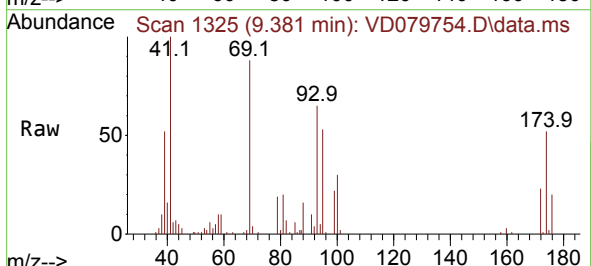
Tgt Ion: 41 Resp: 52377

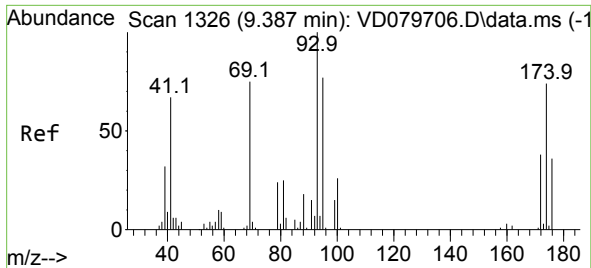
Ion Ratio Lower Upper

41 100

69 88.1 96.7 145.1#

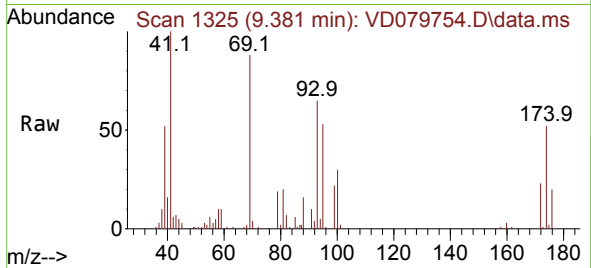
39 47.1 43.8 65.6



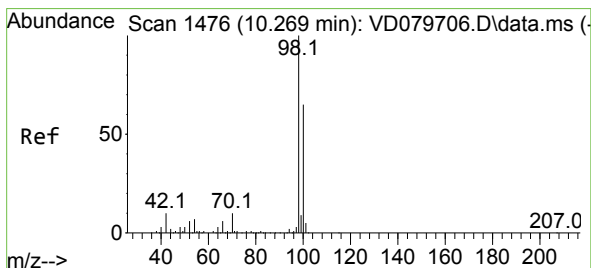
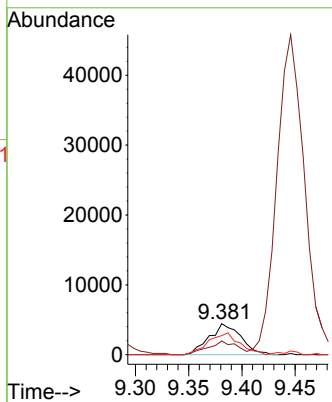
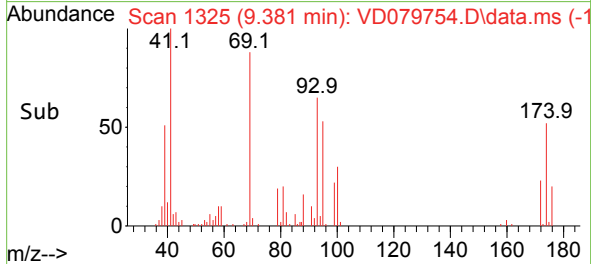


#49
1,4-Dioxane
Concen: 805.632 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Instrument :
MSVOA_D
ClientSampleId :

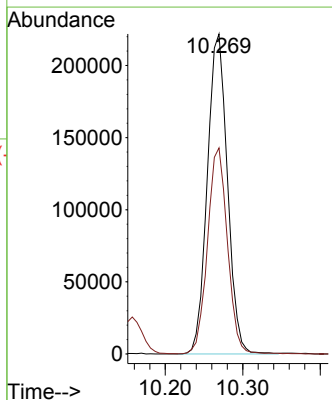
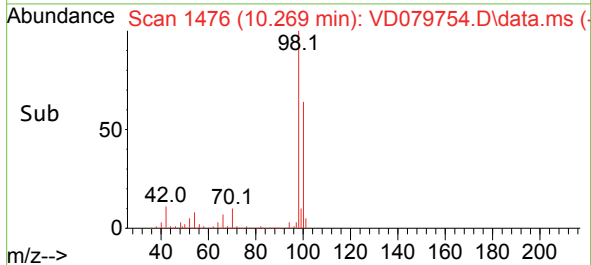
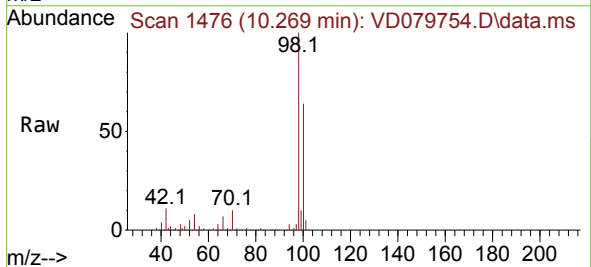


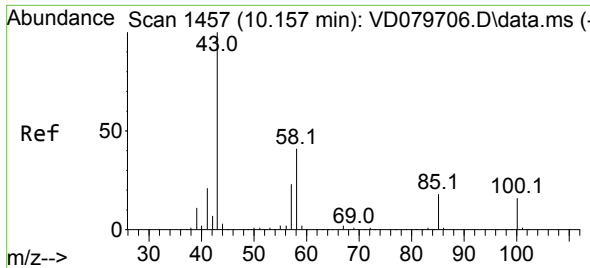
Tgt Ion: 88 Resp: 9119
Ion Ratio Lower Upper
88 100
43 40.2 21.5 32.3#
58 69.4 42.2 63.4#



#50
Toluene-d8
Concen: 52.219 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 98 Resp: 399728
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

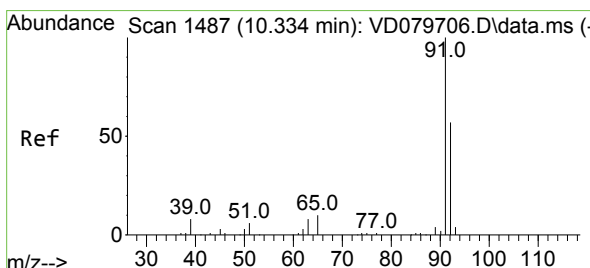
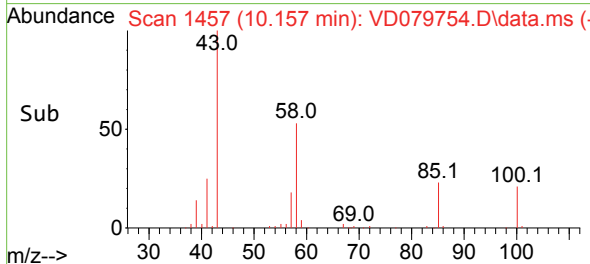
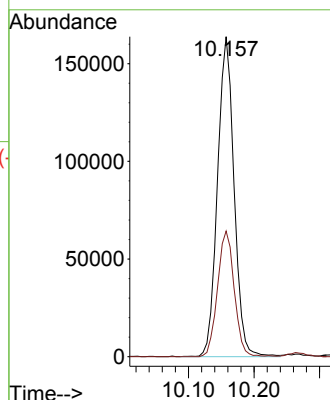
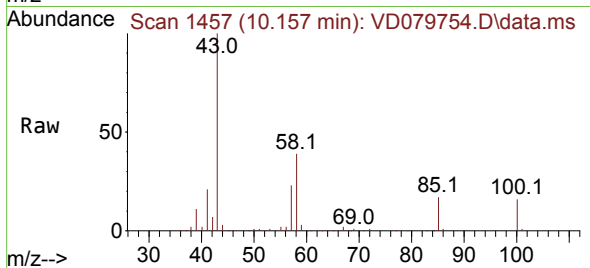




#51
4-Methyl-2-Pentanone
Concen: 251.776 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

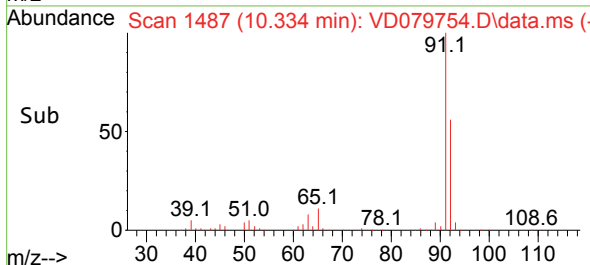
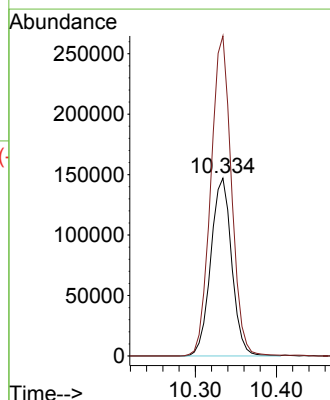
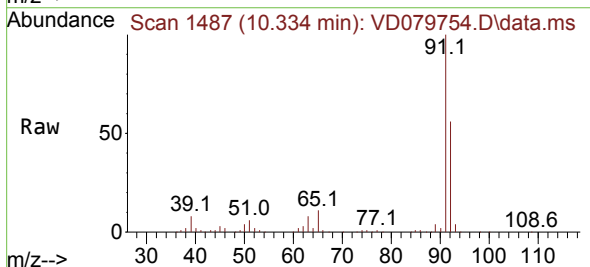
Instrument :
MSVOA_D
ClientSampleId :

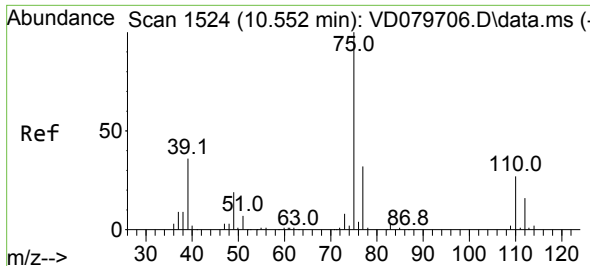
Tgt Ion: 43 Resp: 286834
Ion Ratio Lower Upper
43 100
58 39.5 36.6 55.0



#52
Toluene
Concen: 49.283 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 92 Resp: 262973
Ion Ratio Lower Upper
92 100
91 178.0 141.7 212.5

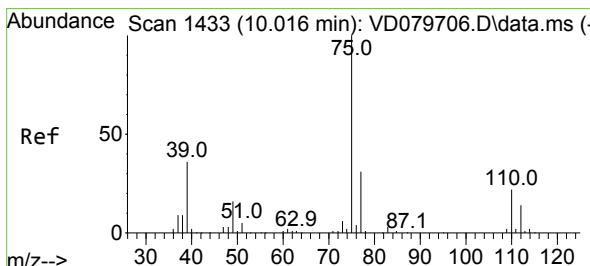
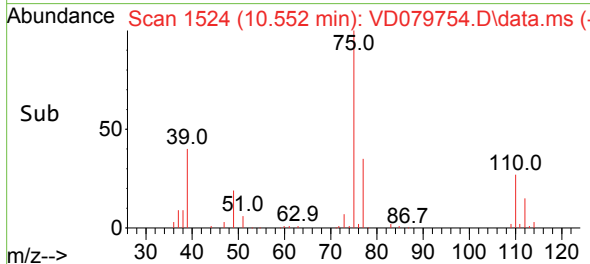
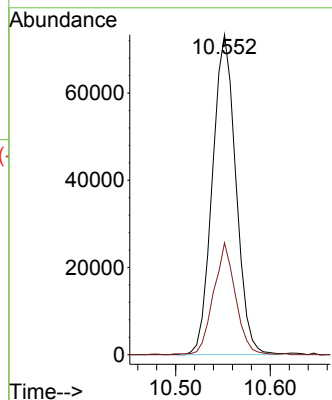
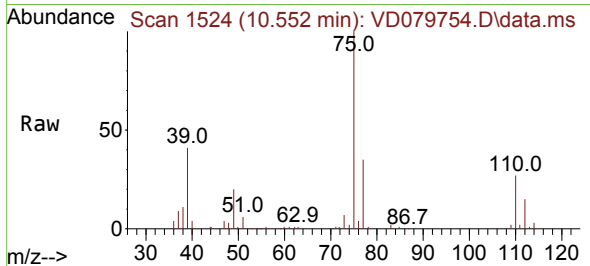




#53
t-1,3-Dichloropropene
Concen: 47.601 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

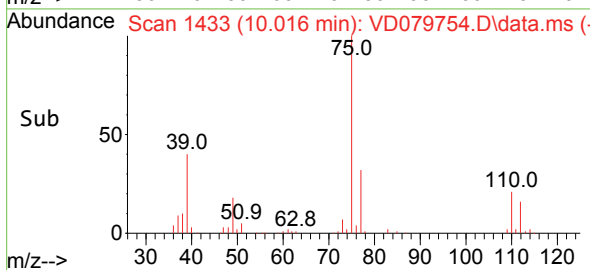
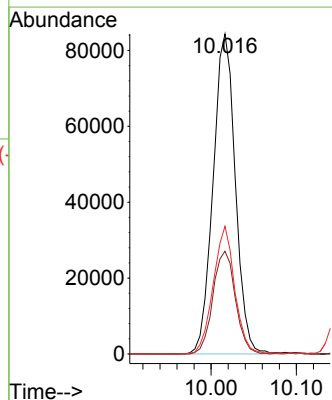
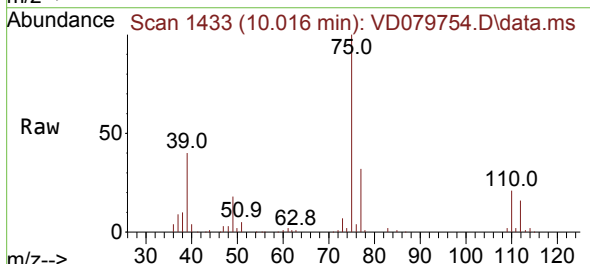
Instrument :
MSVOA_D
ClientSampleId :

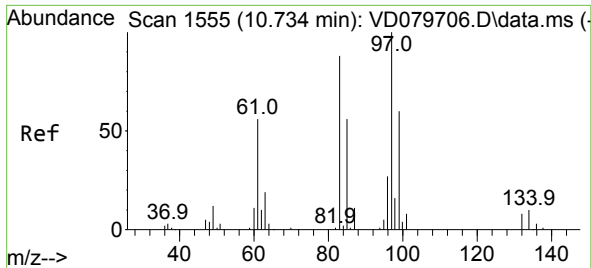
Tgt Ion: 75 Resp: 126259
Ion Ratio Lower Upper
75 100
77 34.8 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 48.321 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

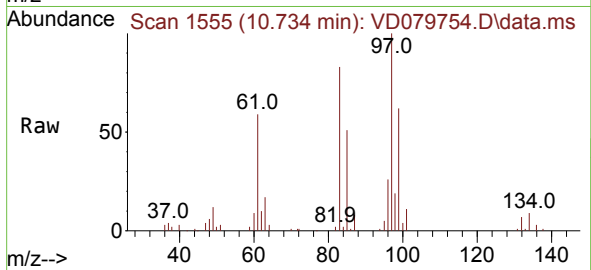
Tgt Ion: 75 Resp: 152672
Ion Ratio Lower Upper
75 100
77 32.1 24.4 36.6
39 39.9 24.2 36.2#



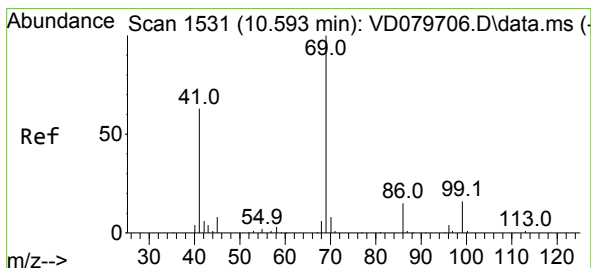
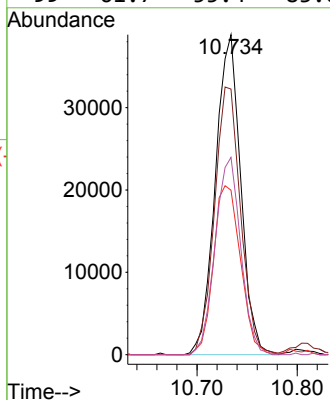
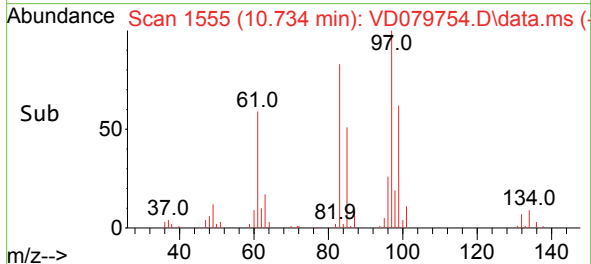


#55
1,1,2-Trichloroethane
Concen: 46.207 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

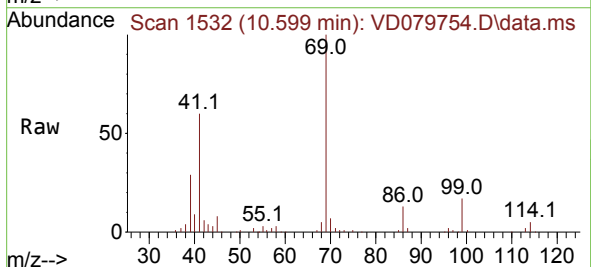
Instrument :
MSVOA_D
ClientSampleId :



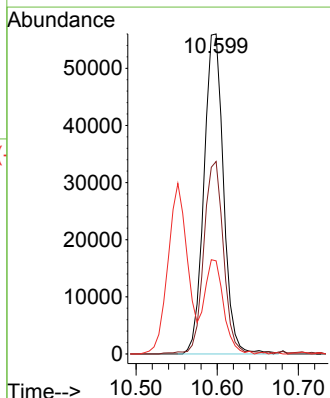
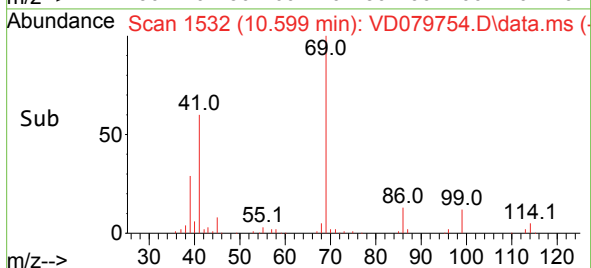
Tgt Ion:	97	Resp:	68104
Ion	Ratio	Lower	Upper
97	100		
83	83.0	65.8	98.8
85	51.4	43.8	65.8
99	61.7	55.4	83.0

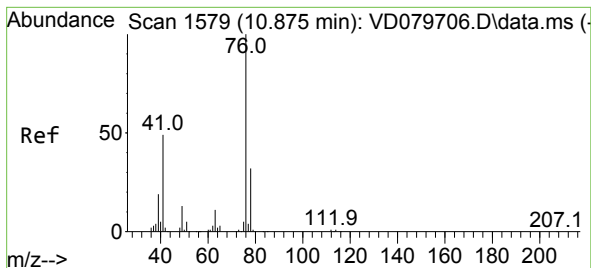


#56
Ethyl methacrylate
Concen: 50.729 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43



Tgt Ion:	69	Resp:	93687
Ion	Ratio	Lower	Upper
69	100		
41	61.1	39.8	59.6#
39	28.1	20.2	30.4





#57

1,3-Dichloropropane

Concen: 46.624 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

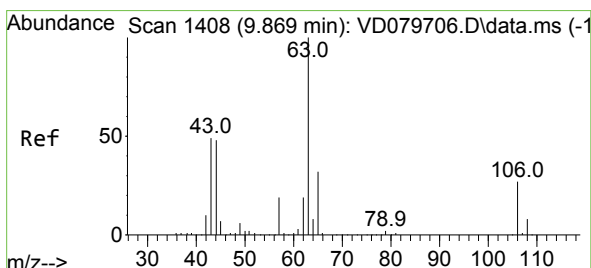
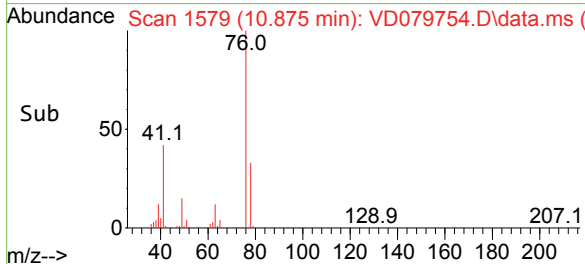
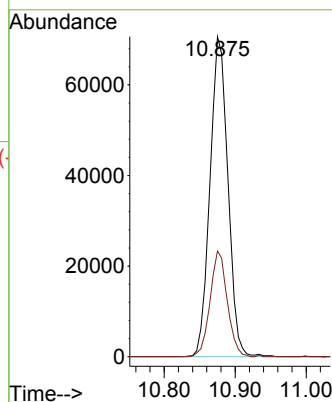
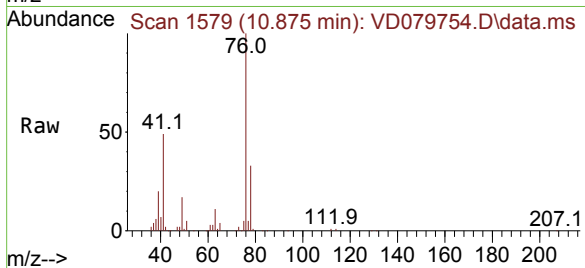
ClientSampleId :

Tgt Ion: 76 Resp: 123880

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 265.841 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079754.D

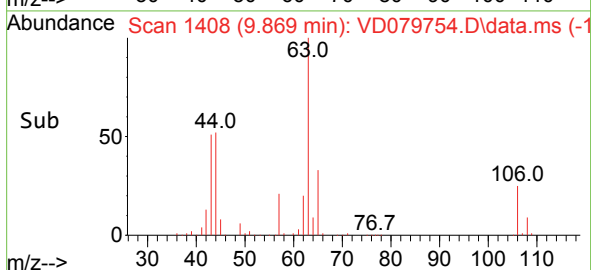
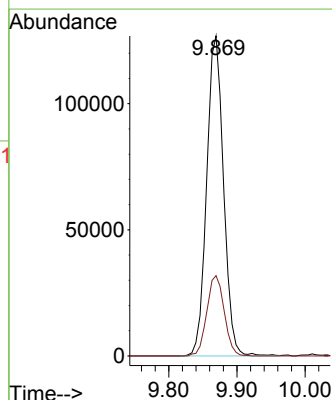
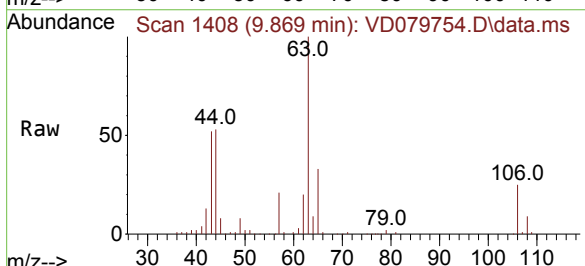
Acq: 30 Aug 2024 14:43

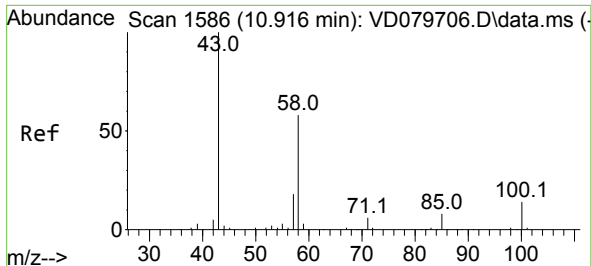
Tgt Ion: 63 Resp: 218448

Ion Ratio Lower Upper

63 100

106 25.9 26.4 39.6#

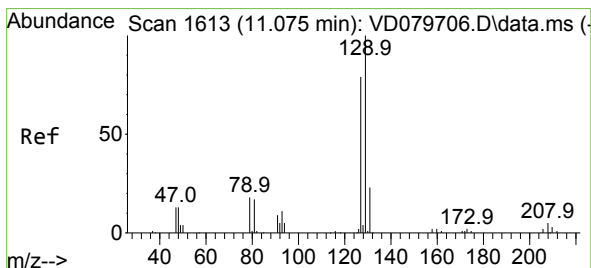
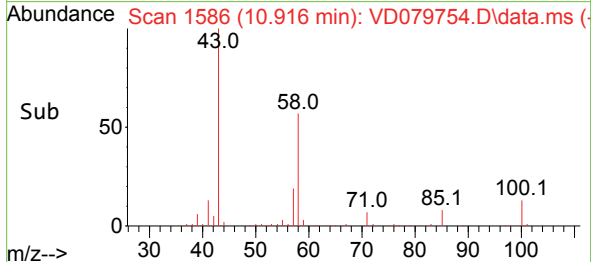
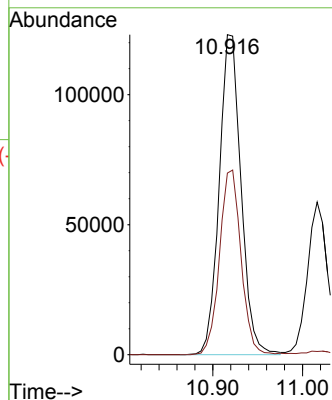
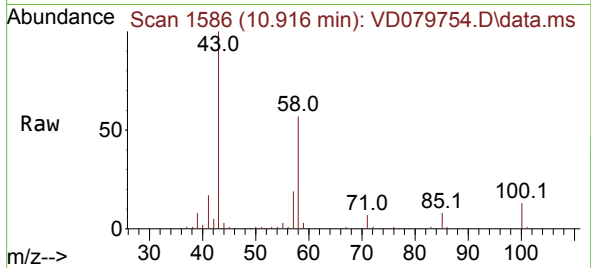




#59
2-Hexanone
Concen: 237.234 ug/l
RT: 10.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

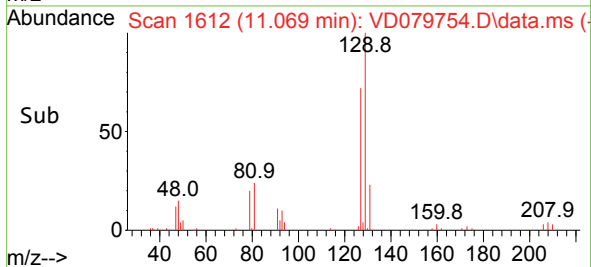
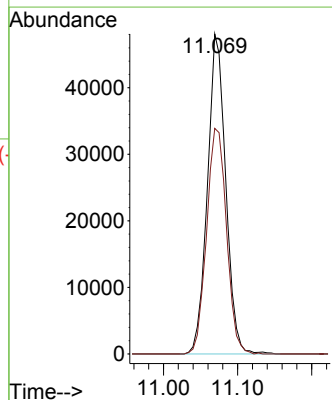
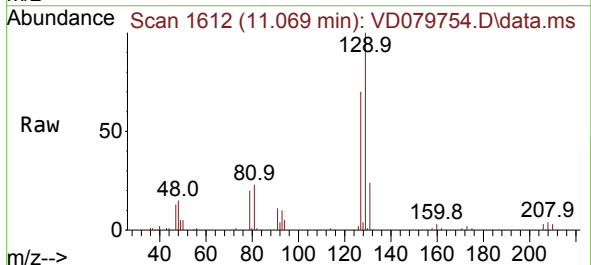
Instrument :
MSVOA_D
ClientSampleId :

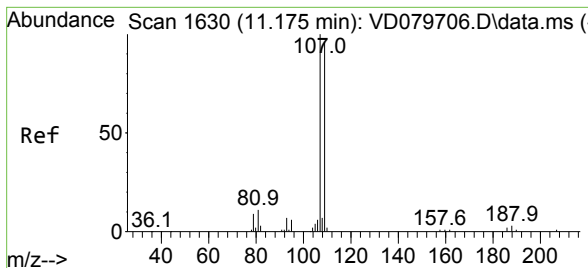
Tgt Ion: 43 Resp: 207801
Ion Ratio Lower Upper
43 100
58 56.9 31.1 93.5



#60
Dibromochloromethane
Concen: 45.426 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 129 Resp: 82355
Ion Ratio Lower Upper
129 100
127 76.7 38.0 113.9

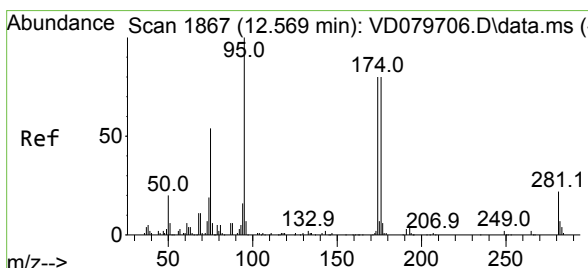
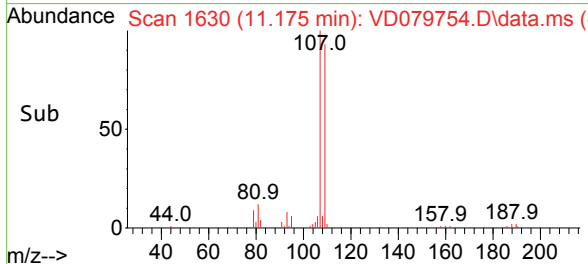
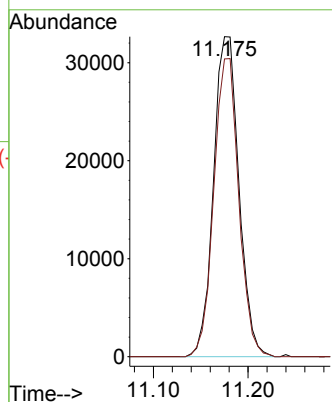
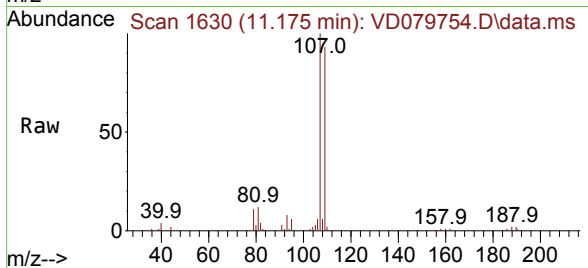




#61
1,2-Dibromoethane
Concen: 47.104 ug/l
RT: 11.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

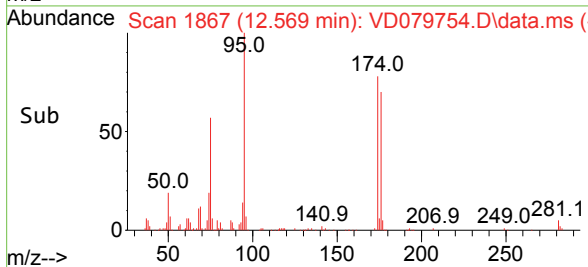
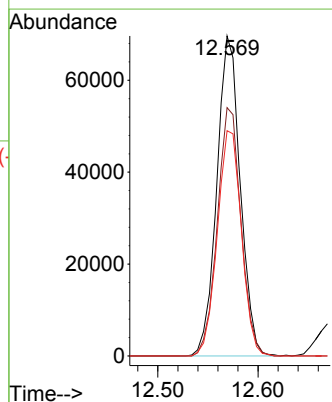
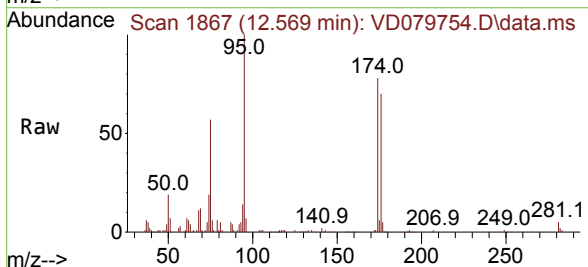
Instrument :
MSVOA_D
ClientSampleId :

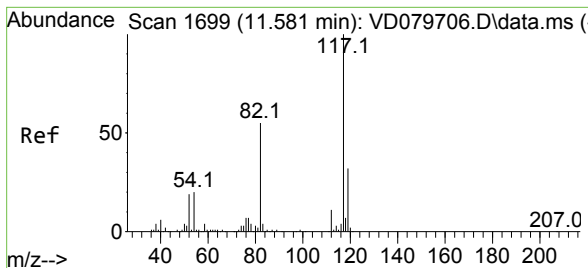
Tgt Ion:107 Resp: 60844
Ion Ratio Lower Upper
107 100
109 91.6 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 52.702 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 95 Resp: 112879
Ion Ratio Lower Upper
95 100
174 78.4 0.0 195.4
176 72.5 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

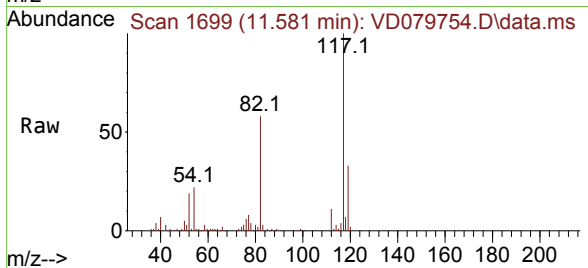
Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :



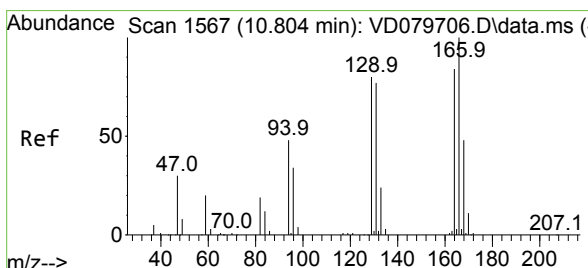
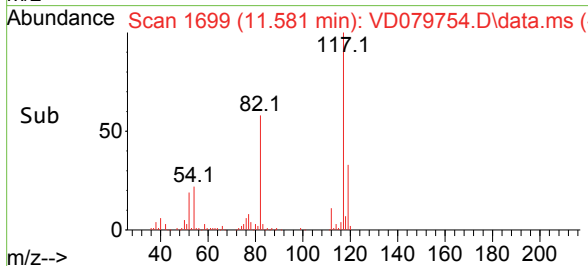
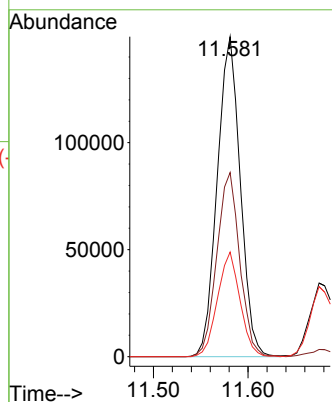
Tgt Ion:117 Resp: 252945

Ion Ratio Lower Upper

117 100

82 57.6 39.8 59.6

119 32.7 25.7 38.5



#64

Tetrachloroethene

Concen: 47.842 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Tgt Ion:164 Resp: 71085

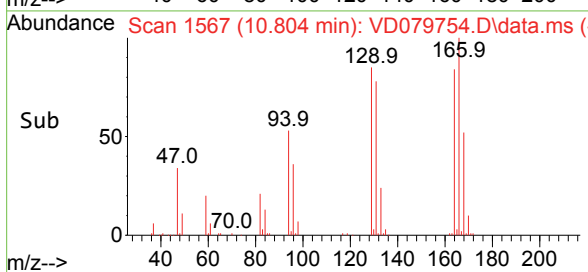
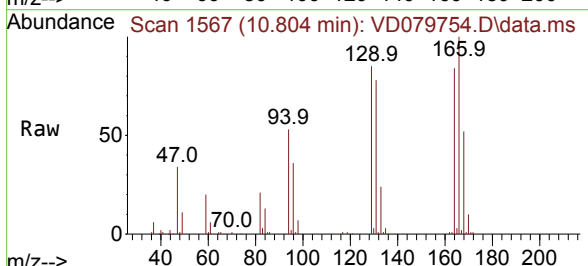
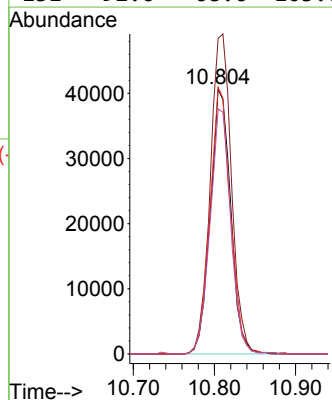
Ion Ratio Lower Upper

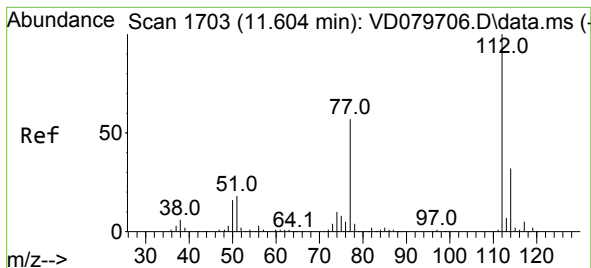
164 100

166 119.2 108.6 163.0

129 100.8 74.6 112.0

131 92.6 68.6 103.0





#65

Chlorobenzene

Concen: 47.111 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

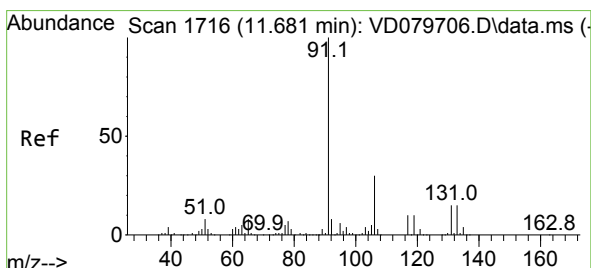
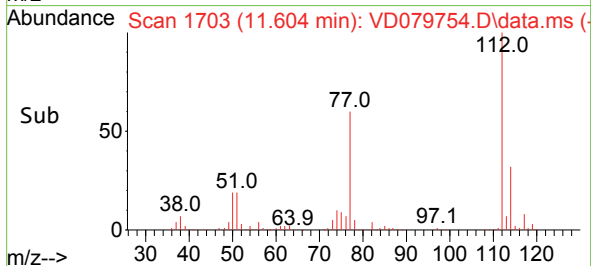
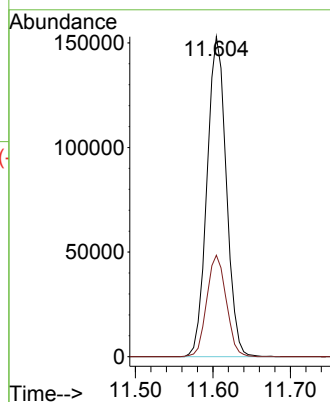
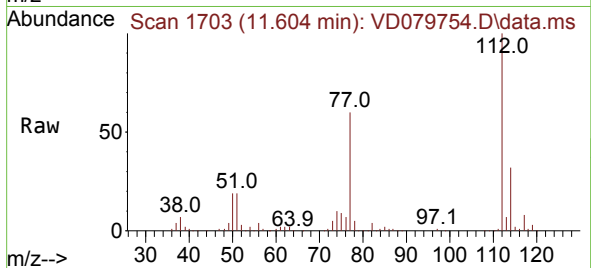
ClientSampleId :

Tgt Ion:112 Resp: 264407

Ion Ratio Lower Upper

112 100

114 31.7 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 46.122 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

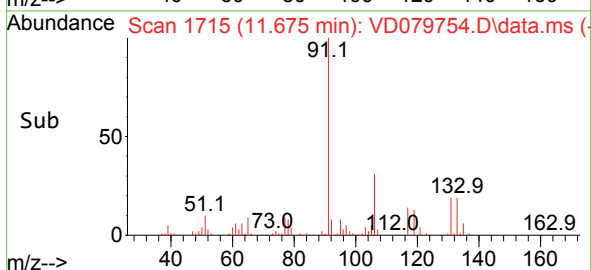
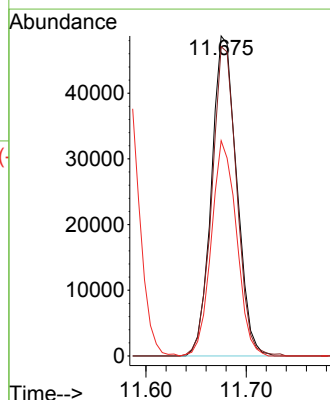
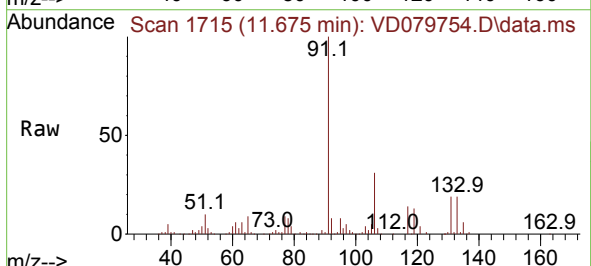
Tgt Ion:131 Resp: 85030

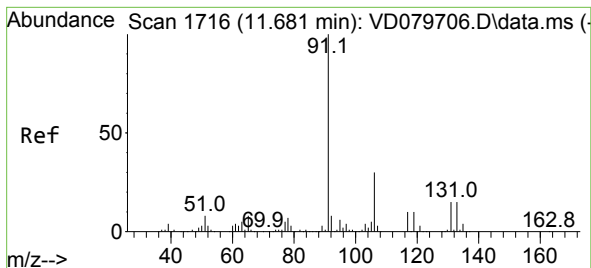
Ion Ratio Lower Upper

131 100

133 95.2 49.2 147.6

119 67.0 33.4 100.2





#67

Ethyl Benzene

Concen: 50.018 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

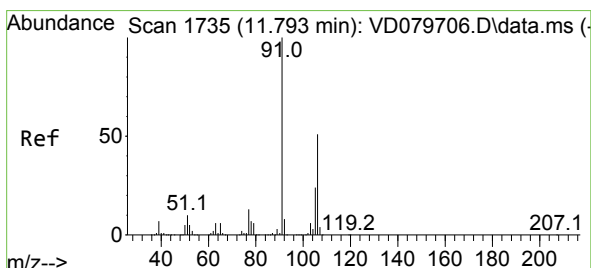
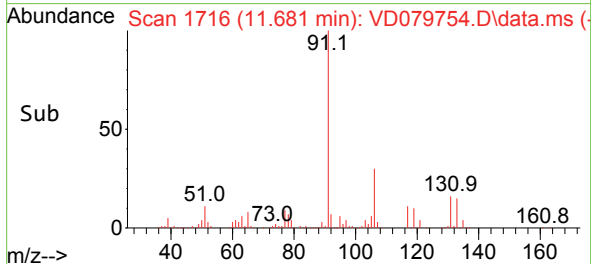
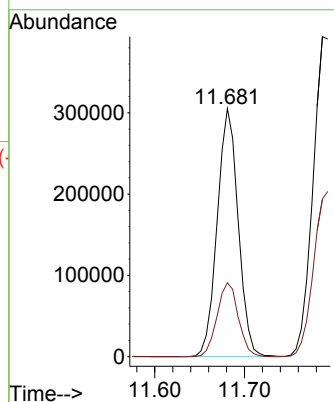
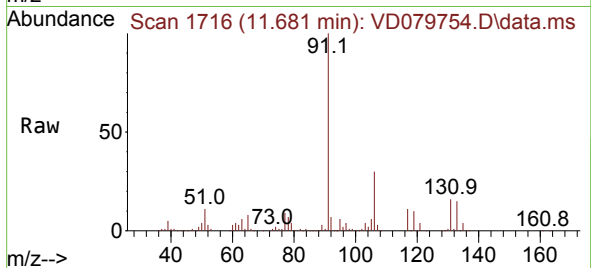
ClientSampleId :

Tgt Ion: 91 Resp: 494863

Ion Ratio Lower Upper

91 100

106 29.8 25.8 38.6



#68

m/p-Xylenes

Concen: 100.446 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD079754.D

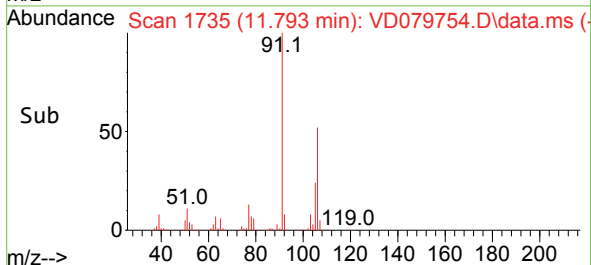
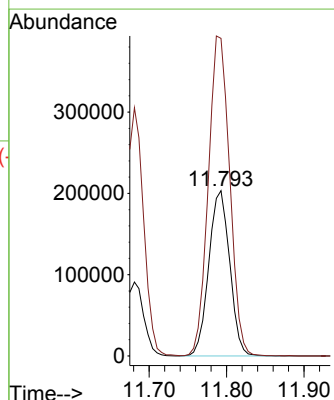
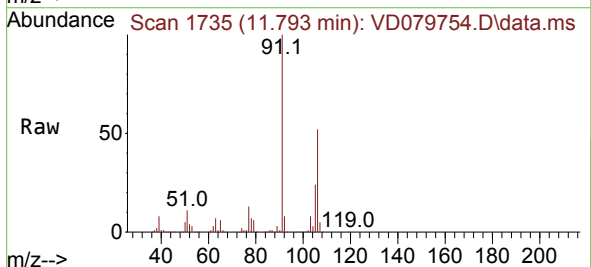
Acq: 30 Aug 2024 14:43

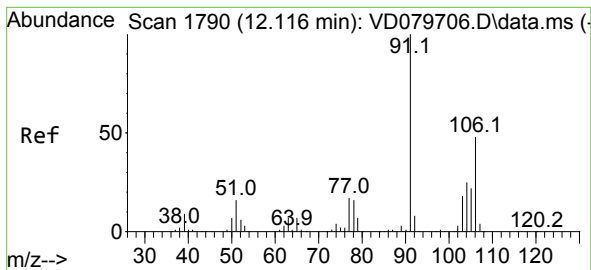
Tgt Ion: 106 Resp: 381487

Ion Ratio Lower Upper

106 100

91 197.6 148.5 222.7

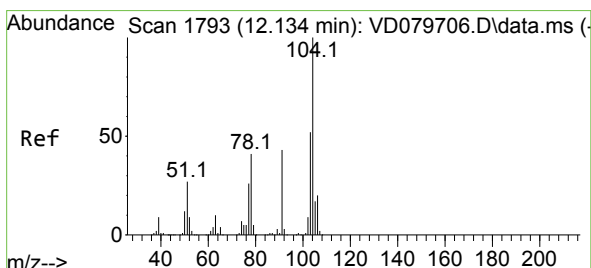
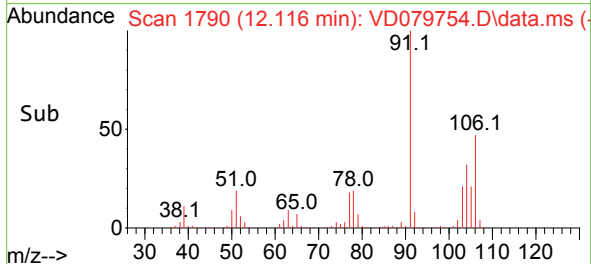
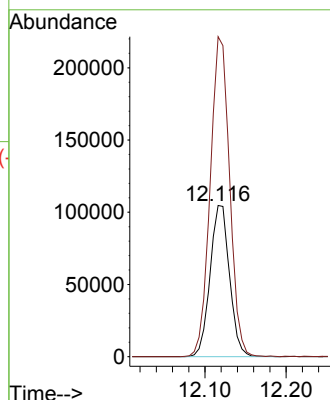
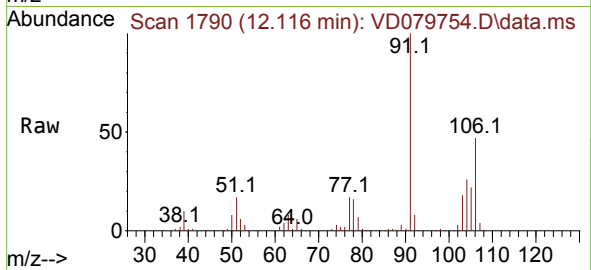




#69
o-Xylene
Concen: 49.123 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

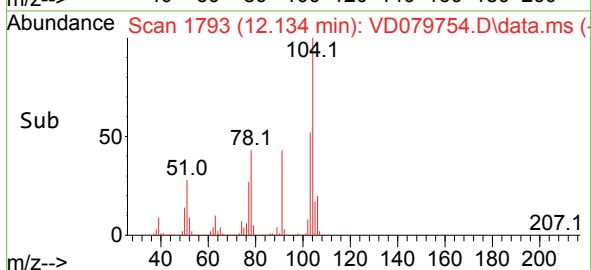
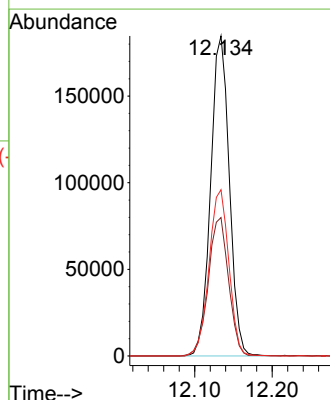
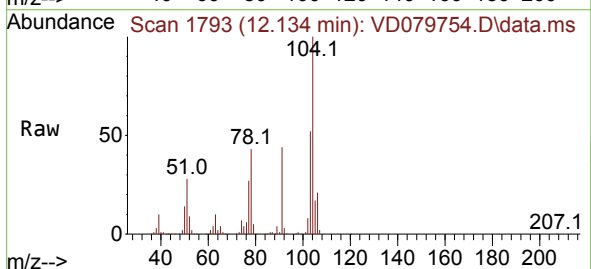
Instrument :
MSVOA_D
ClientSampleId :

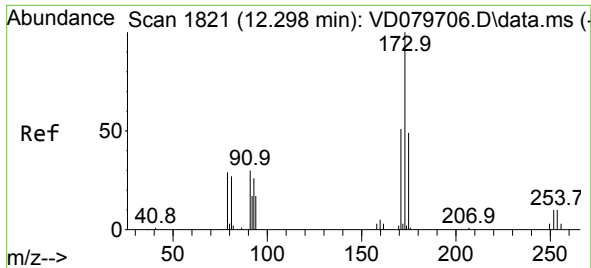
Tgt Ion:106 Resp: 173883
Ion Ratio Lower Upper
106 100
91 211.8 96.7 290.1



#70
Styrene
Concen: 50.061 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion:104 Resp: 309302
Ion Ratio Lower Upper
104 100
78 47.2 33.0 49.6
103 55.3 44.2 66.4

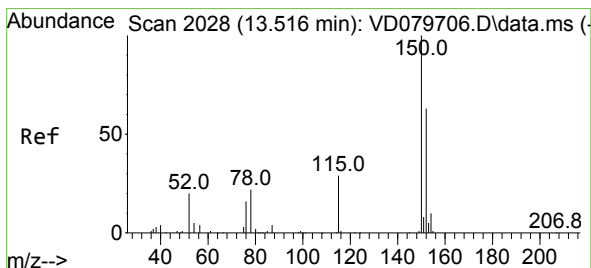
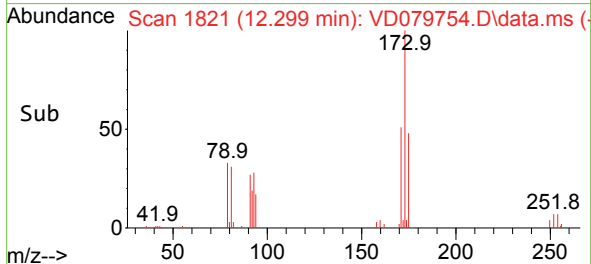
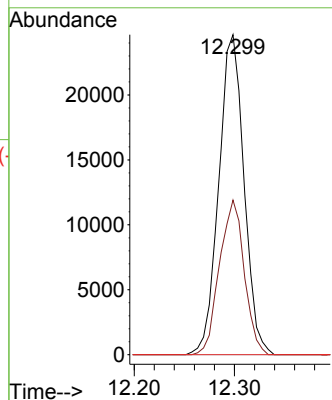
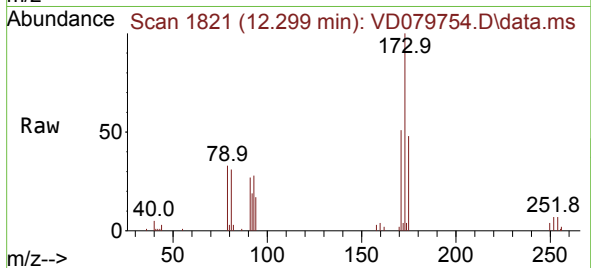




#71
Bromoform
Concen: 46.397 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

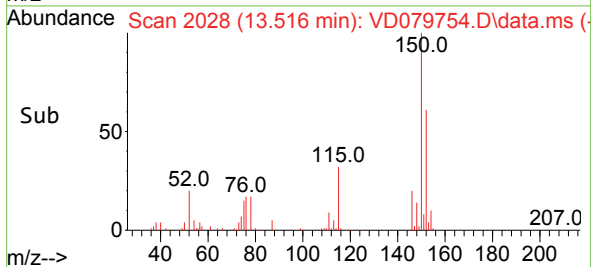
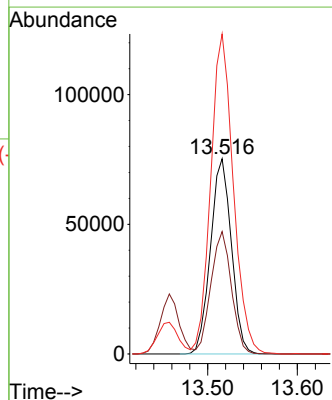
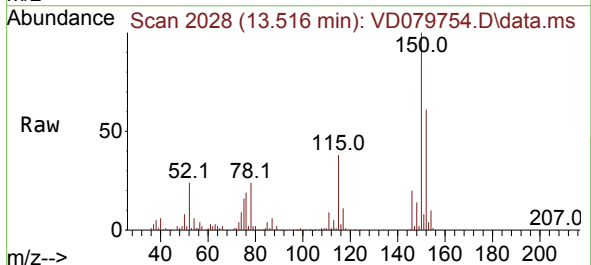
Instrument :
MSVOA_D
ClientSampleId :

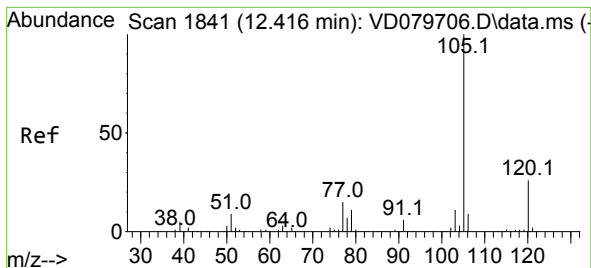
Tgt Ion:173 Resp: 42896
Ion Ratio Lower Upper
173 100
175 47.5 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion:152 Resp: 121851
Ion Ratio Lower Upper
152 100
115 61.4 26.5 79.5
150 177.0 0.0 341.6





#73

Isopropylbenzene

Concen: 52.105 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

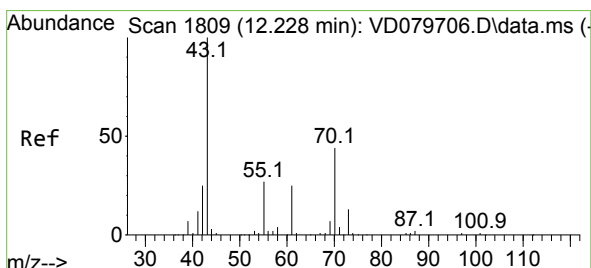
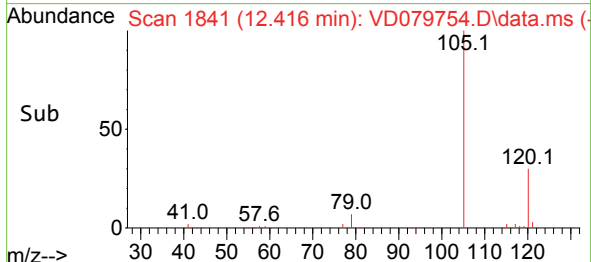
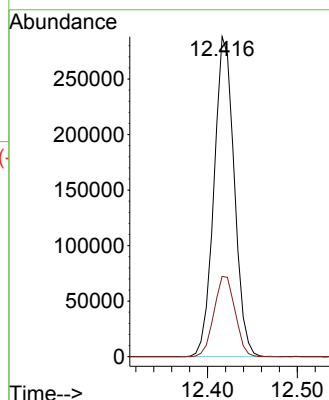
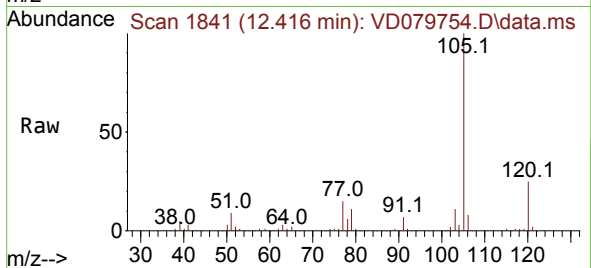
ClientSampleId :

Tgt Ion:105 Resp: 451874

Ion Ratio Lower Upper

105 100

120 26.1 13.6 40.7



#74

N-ethyl acetate

Concen: 54.337 ug/l

RT: 12.228 min Scan# 1809

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Tgt Ion: 43 Resp: 111999

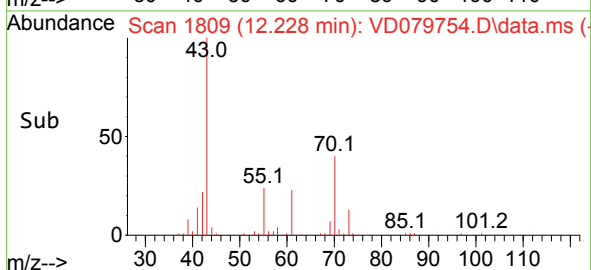
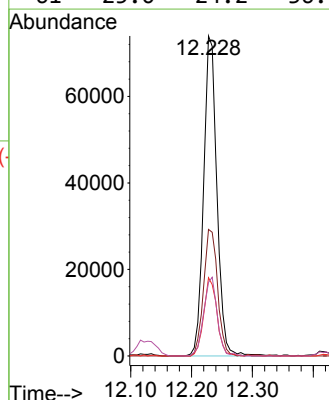
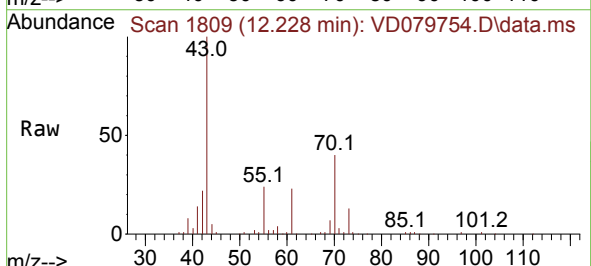
Ion Ratio Lower Upper

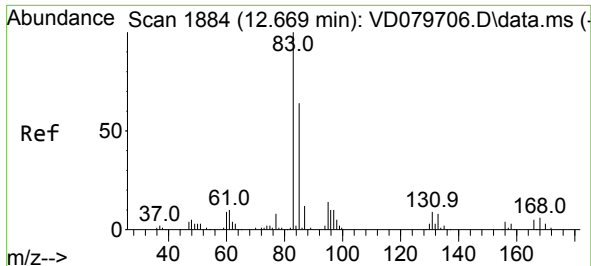
43 100

70 41.7 44.3 66.5#

55 24.3 23.2 34.8

61 25.0 24.2 36.4

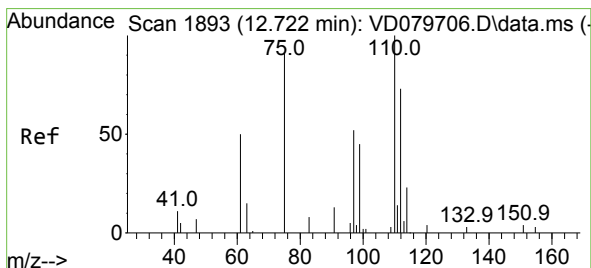
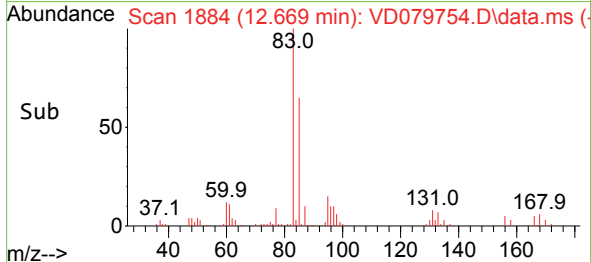
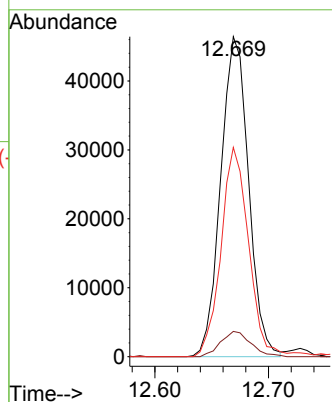
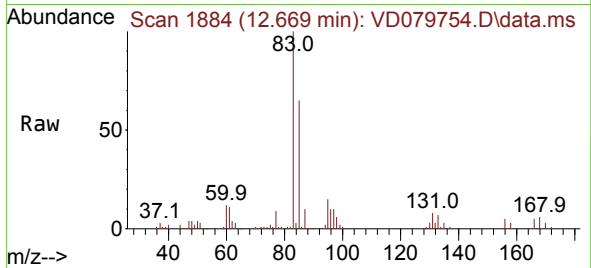




#75
1,1,2,2-Tetrachloroethane
Concen: 47.463 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

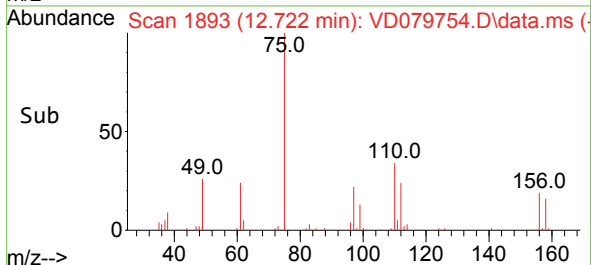
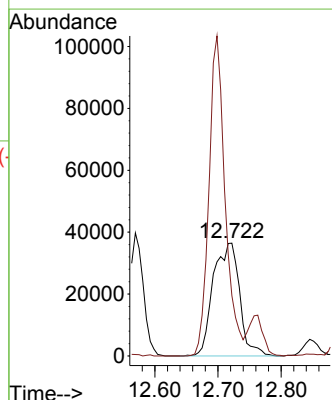
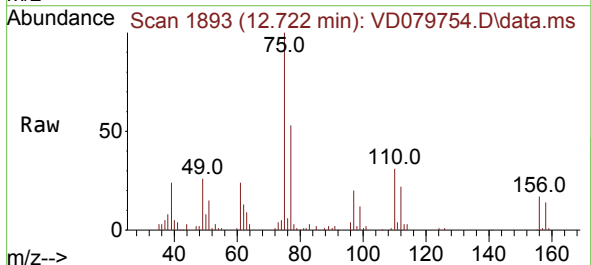
Instrument :
MSVOA_D
ClientSampleId :

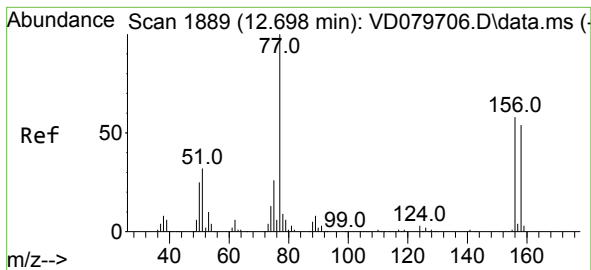
Tgt Ion: 83 Resp: 79012
Ion Ratio Lower Upper
83 100
131 8.6 5.5 16.5
85 65.3 33.8 101.3



#76
1,2,3-Trichloropropane
Concen: 101.672 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 75 Resp: 105887
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.586 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :

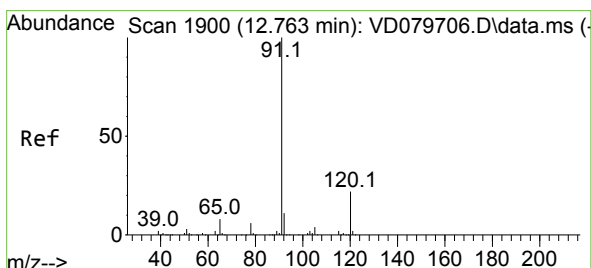
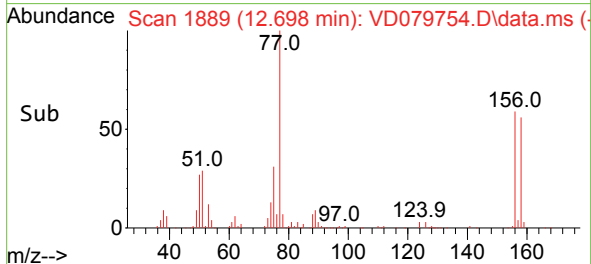
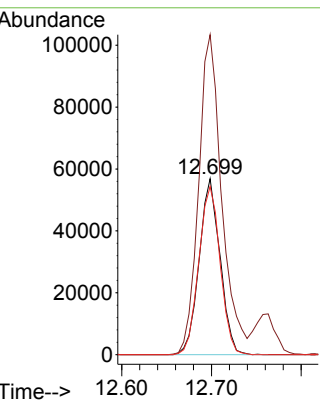
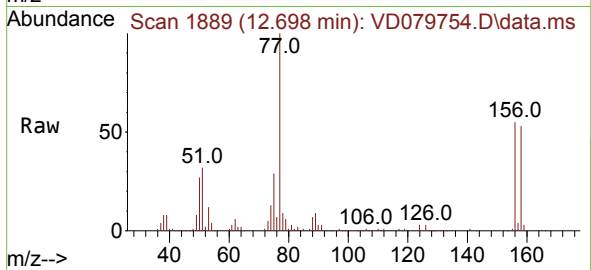
Tgt Ion:156 Resp: 91847

Ion Ratio Lower Upper

156 100

77 201.6 77.3 231.9

158 97.8 49.6 149.0



#78

n-propylbenzene

Concen: 52.872 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VD079754.D

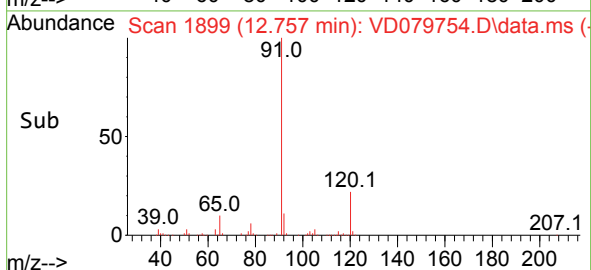
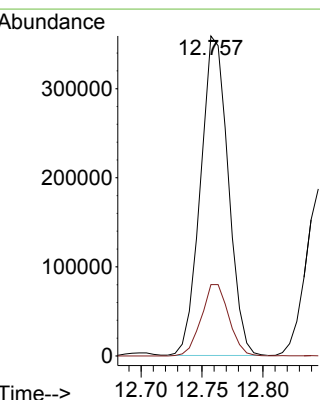
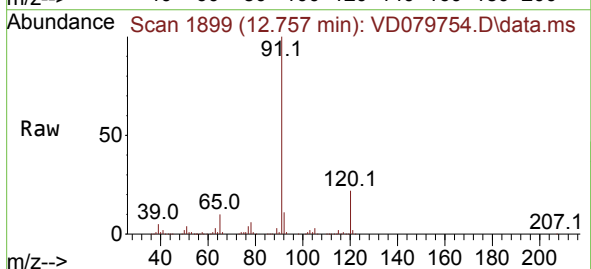
Acq: 30 Aug 2024 14:43

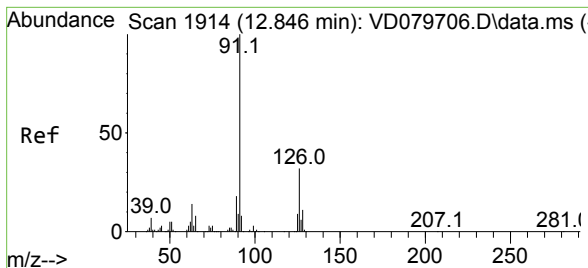
Tgt Ion: 91 Resp: 566604

Ion Ratio Lower Upper

91 100

120 22.3 12.3 36.8

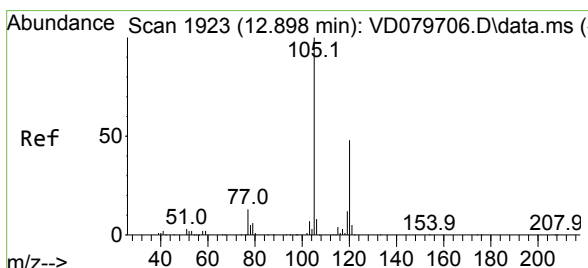
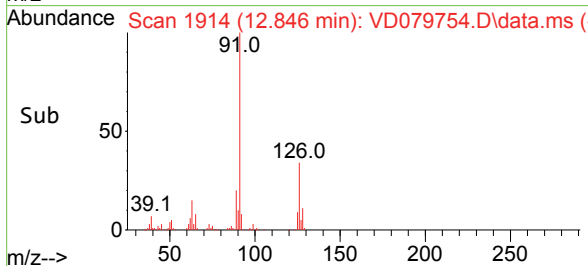
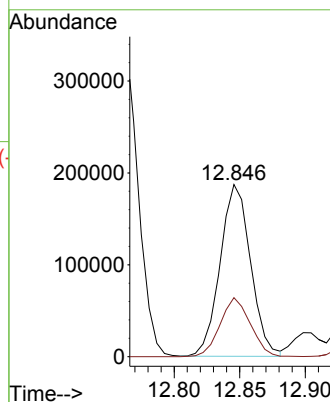
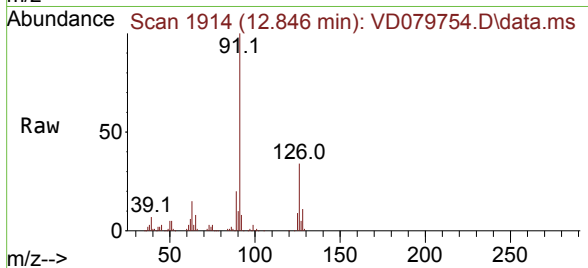




#79
2-Chlorotoluene
Concen: 50.733 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

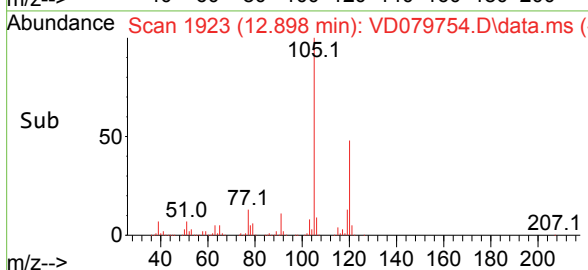
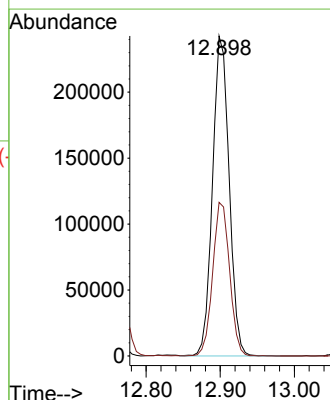
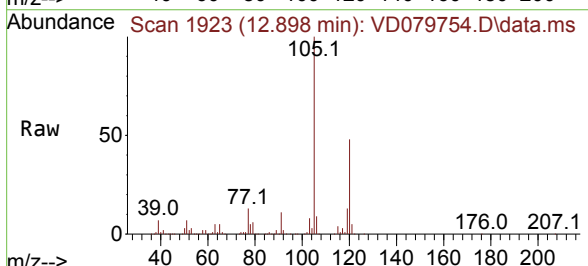
Instrument :
MSVOA_D
ClientSampleId :

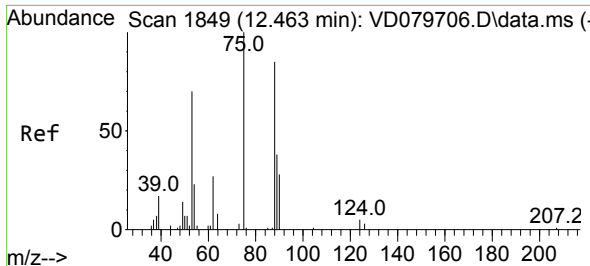
Tgt Ion: 91 Resp: 302876
Ion Ratio Lower Upper
91 100
126 34.0 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 52.372 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 105 Resp: 377589
Ion Ratio Lower Upper
105 100
120 48.9 25.7 77.1

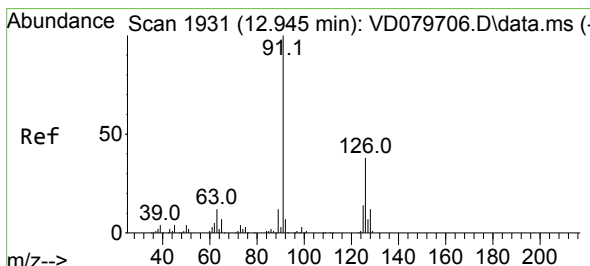
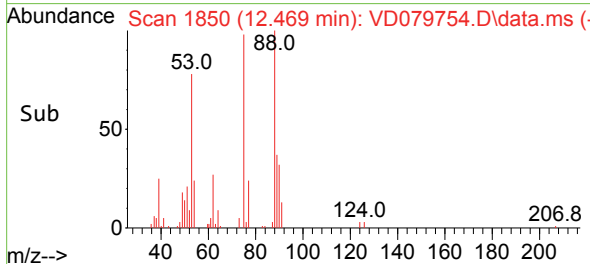
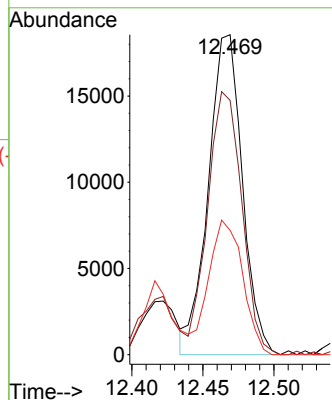
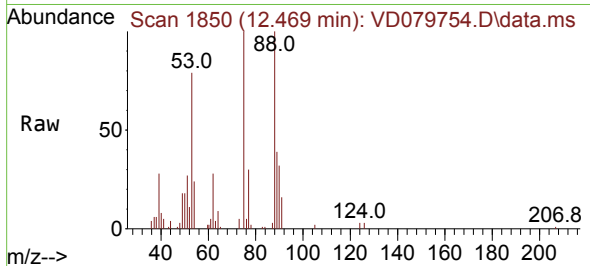




#81
trans-1,4-Dichloro-2-butene
Concen: 49.490 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

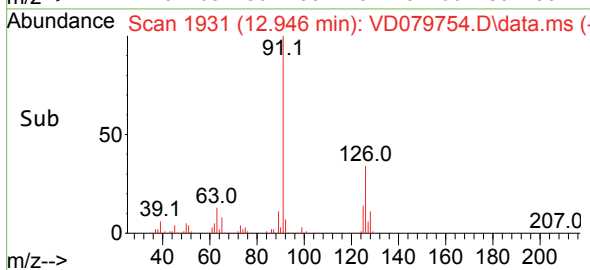
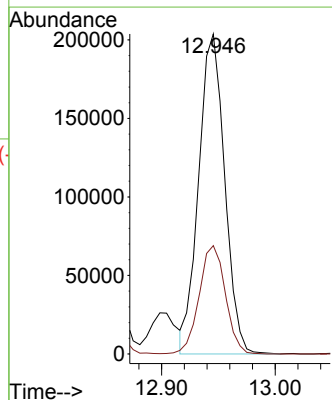
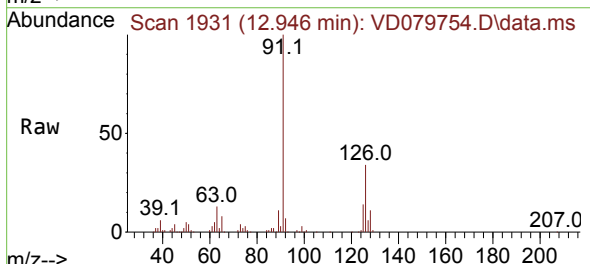
Instrument :
MSVOA_D
ClientSampleId :

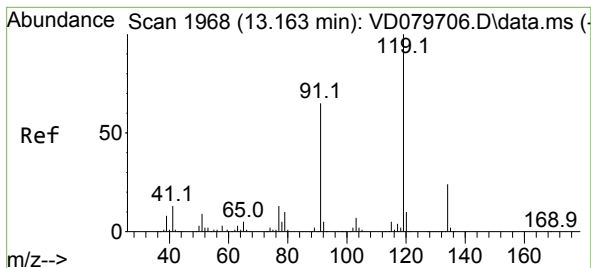
Tgt Ion: 75 Resp: 30902
Ion Ratio Lower Upper
75 100
53 82.4 61.4 92.2
89 42.2 35.4 53.0



#82
4-Chlorotoluene
Concen: 52.172 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion: 91 Resp: 324410
Ion Ratio Lower Upper
91 100
126 34.2 18.9 56.9





#83

tert-Butylbenzene

Concen: 52.389 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

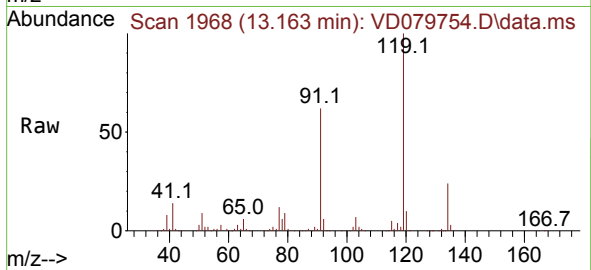
Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :



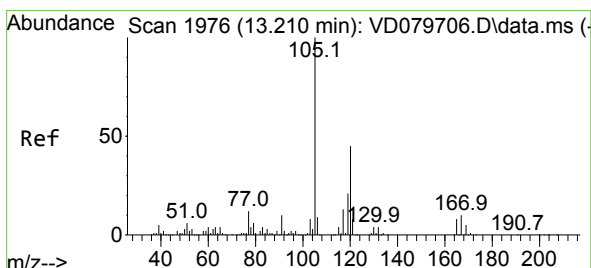
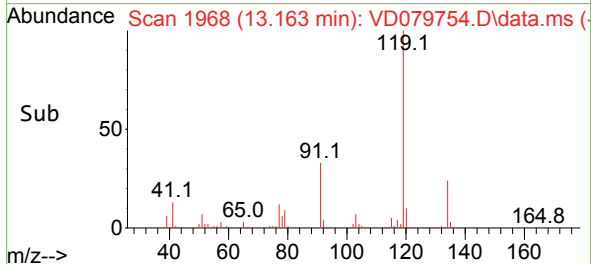
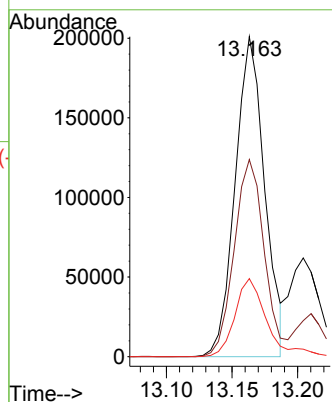
Tgt Ion:119 Resp: 313879

Ion Ratio Lower Upper

119 100

91 63.3 28.2 84.7

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.681 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD079754.D

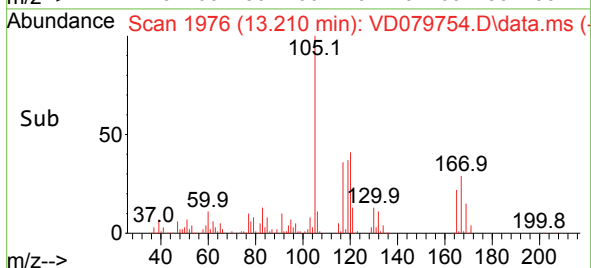
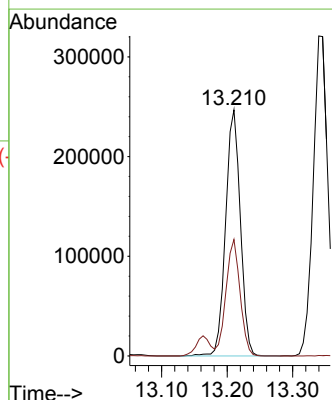
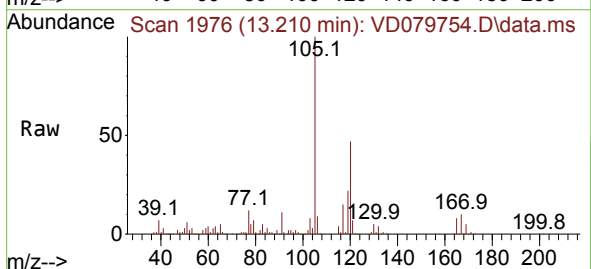
Acq: 30 Aug 2024 14:43

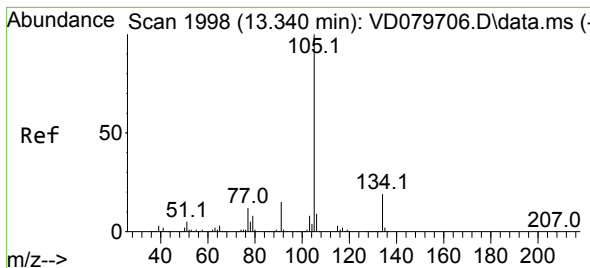
Tgt Ion:105 Resp: 384380

Ion Ratio Lower Upper

105 100

120 45.2 23.6 71.0





#85

sec-Butylbenzene

Concen: 54.502 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

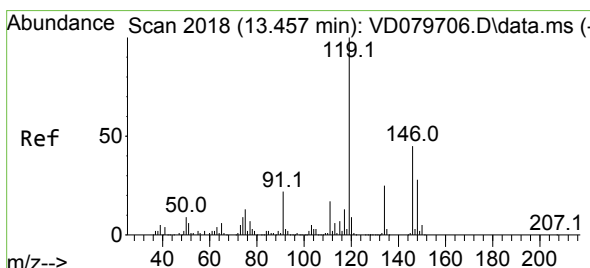
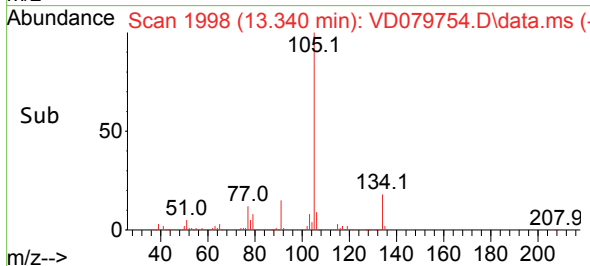
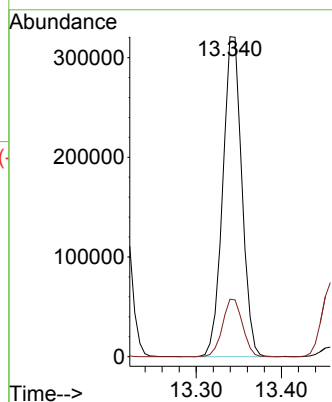
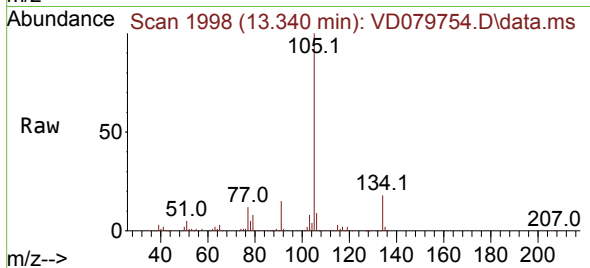
ClientSampleId :

Tgt Ion:105 Resp: 499250

Ion Ratio Lower Upper

105 100

134 18.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 48.266 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

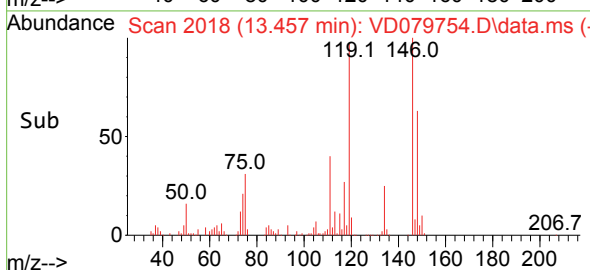
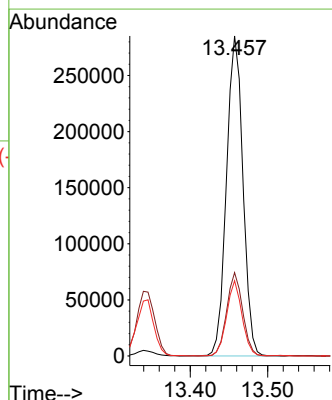
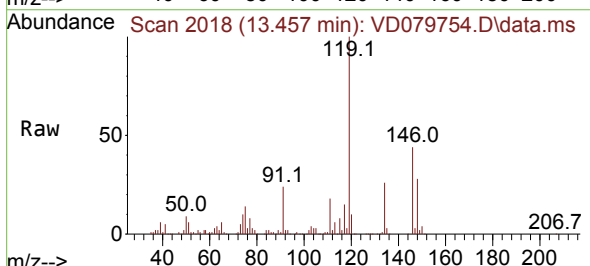
Tgt Ion:119 Resp: 421672

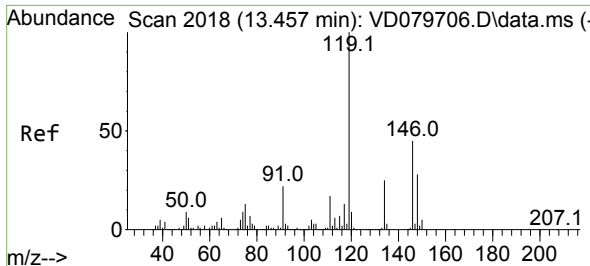
Ion Ratio Lower Upper

119 100

134 25.2 13.7 41.1

91 22.2 10.7 32.1

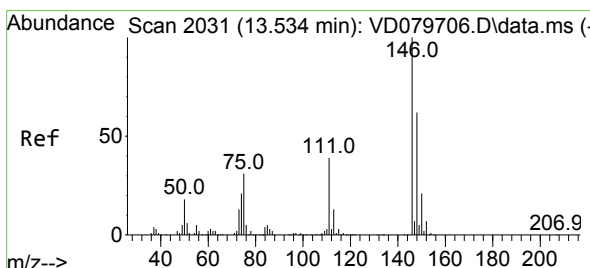
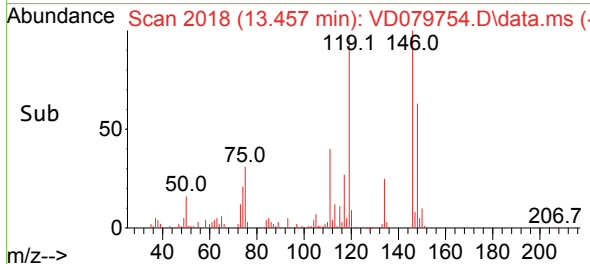
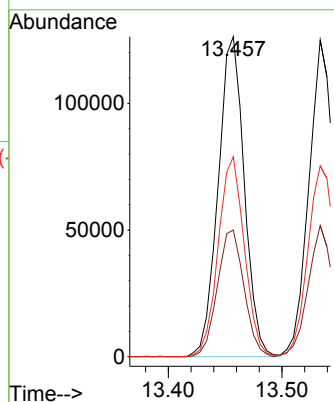
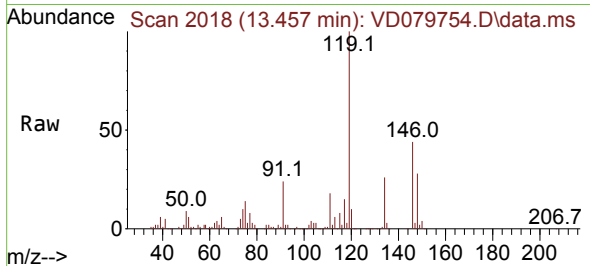




#87
1,3-Dichlorobenzene
Concen: 48.730 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

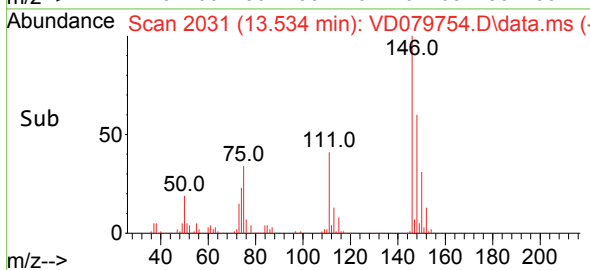
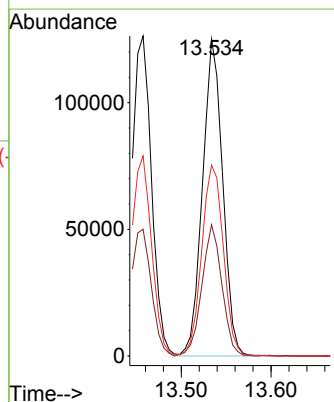
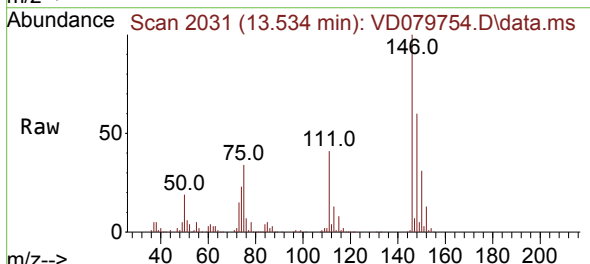
Instrument :
MSVOA_D
ClientSampleId :

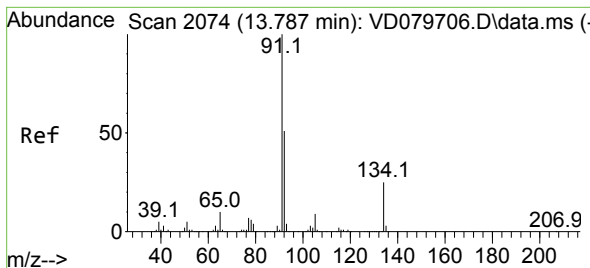
Tgt Ion:146 Resp: 201918
Ion Ratio Lower Upper
146 100
111 40.3 18.5 55.5
148 62.5 30.9 92.8



#88
1,4-Dichlorobenzene
Concen: 47.122 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion:146 Resp: 195224
Ion Ratio Lower Upper
146 100
111 41.1 17.5 52.6
148 64.7 31.4 94.2





#89

n-Butylbenzene

Concen: 54.841 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :

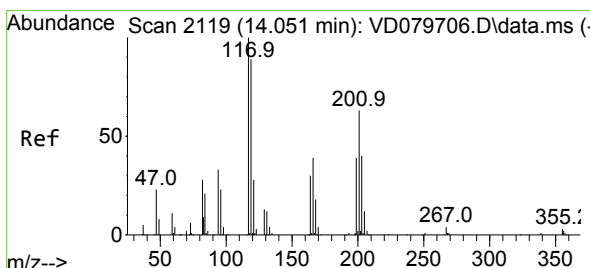
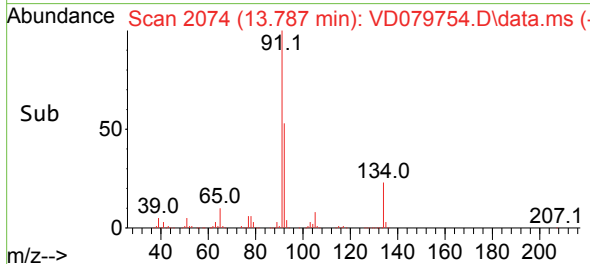
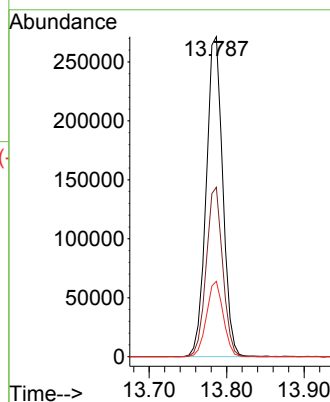
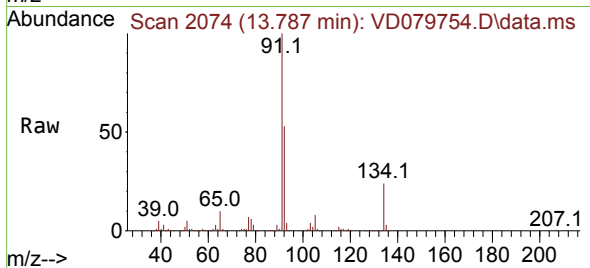
Tgt Ion: 91 Resp: 402454

Ion Ratio Lower Upper

91 100

92 52.7 25.7 77.0

134 23.8 13.6 40.8



#90

Hexachloroethane

Concen: 47.900 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD079754.D

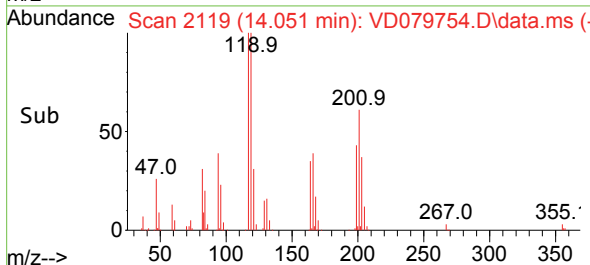
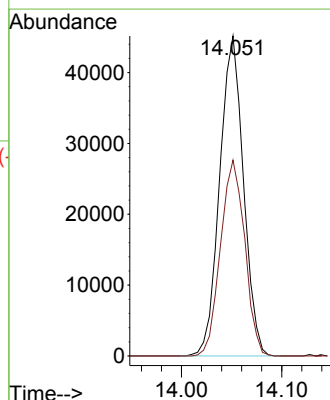
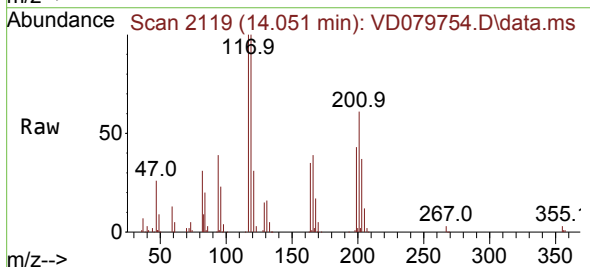
Acq: 30 Aug 2024 14:43

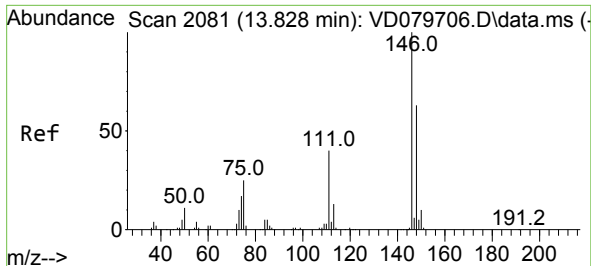
Tgt Ion: 117 Resp: 74194

Ion Ratio Lower Upper

117 100

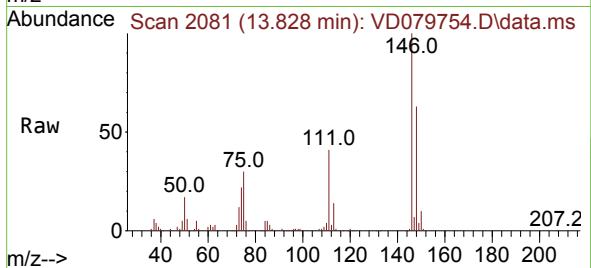
201 62.4 36.3 108.9



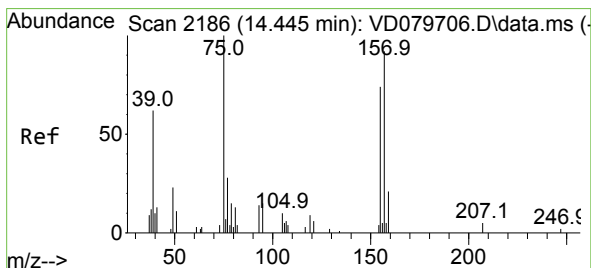
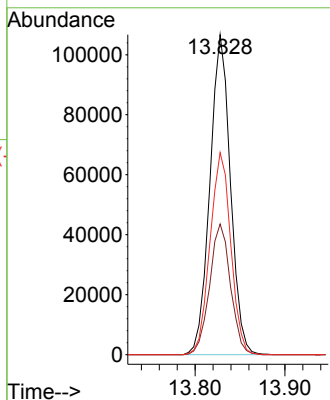
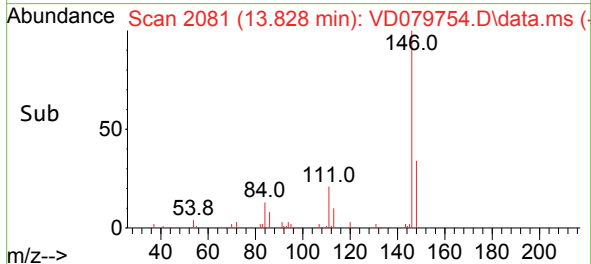


#91
 1,2-Dichlorobenzene
 Concen: 47.668 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD079754.D
 Acq: 30 Aug 2024 14:43

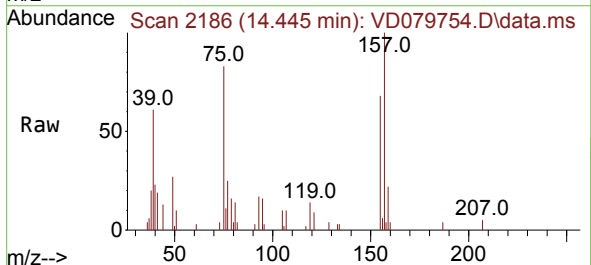
Instrument :
 MSVOA_D
 ClientSampleId :



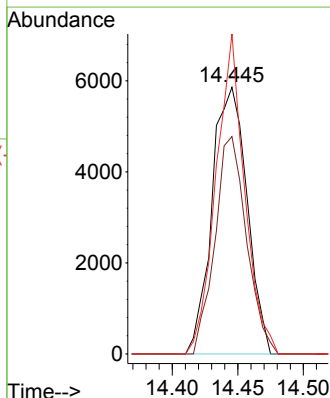
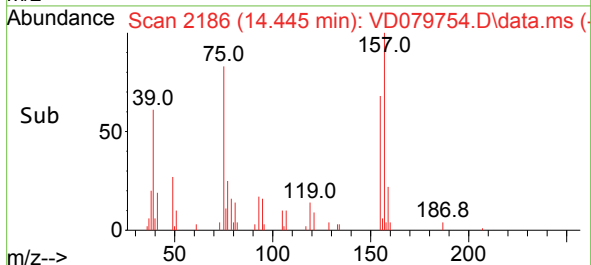
Tgt Ion:146 Resp: 169144
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.1 57.1
 148 63.9 31.1 93.5

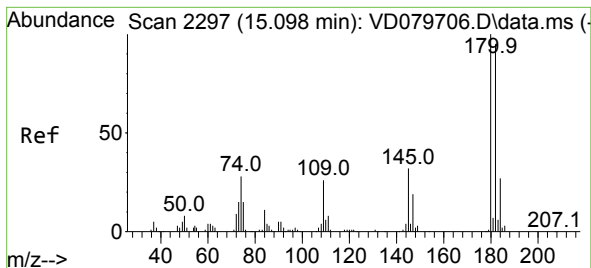


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.731 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD079754.D
 Acq: 30 Aug 2024 14:43



Tgt Ion: 75 Resp: 10872
 Ion Ratio Lower Upper
 75 100
 155 73.7 47.7 143.1
 157 98.0 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 51.002 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

Instrument :

MSVOA_D

ClientSampleId :

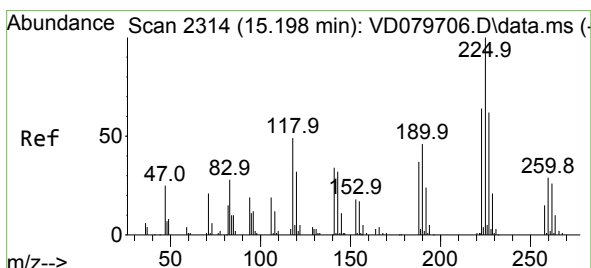
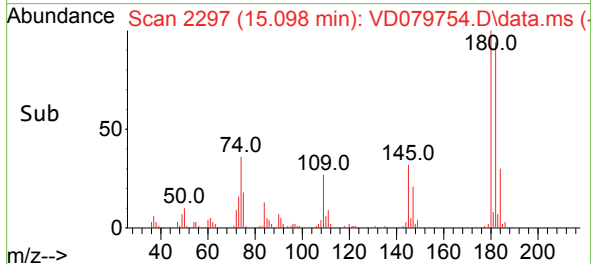
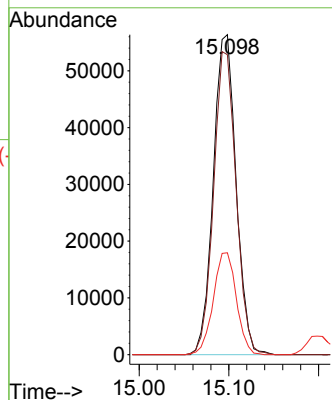
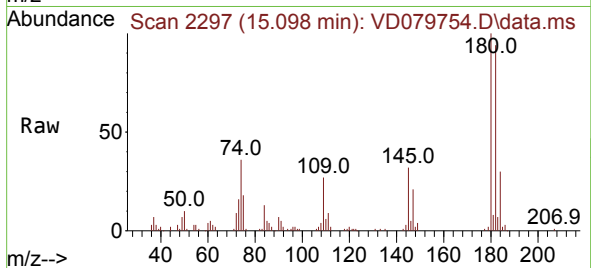
Tgt Ion:180 Resp: 99401

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.7

145 32.3 14.0 41.9



#94

Hexachlorobutadiene

Concen: 51.840 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.006 min

Lab File: VD079754.D

Acq: 30 Aug 2024 14:43

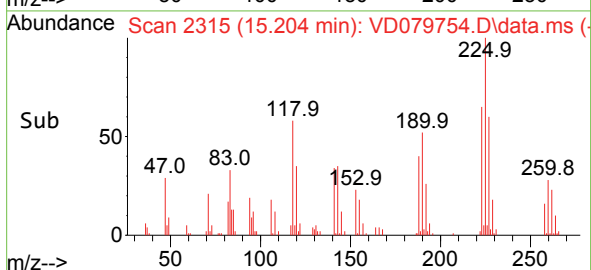
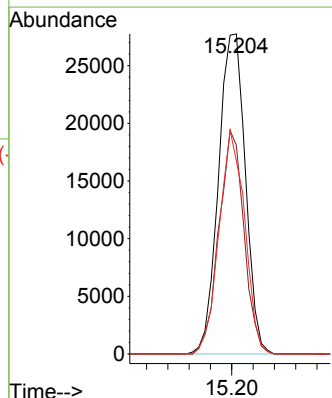
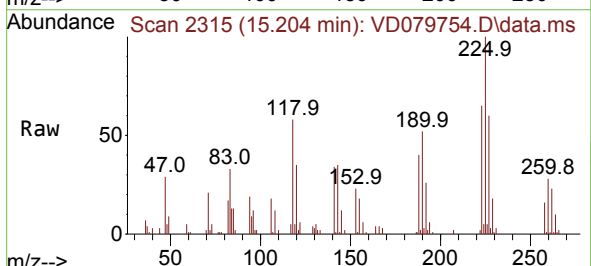
Tgt Ion:225 Resp: 48585

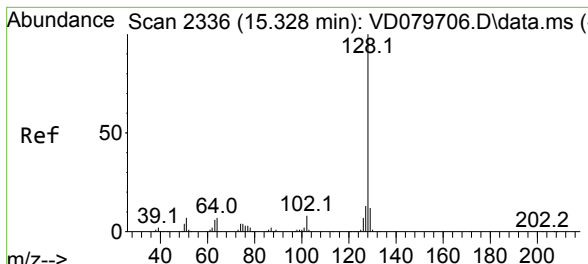
Ion Ratio Lower Upper

225 100

223 65.1 33.3 99.9

227 66.6 33.6 100.6

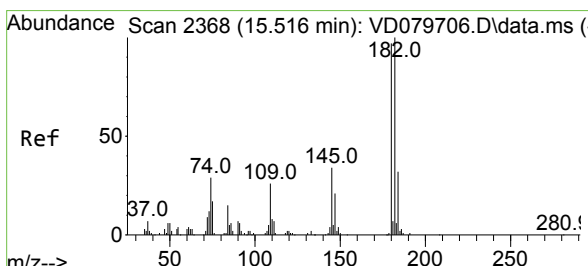
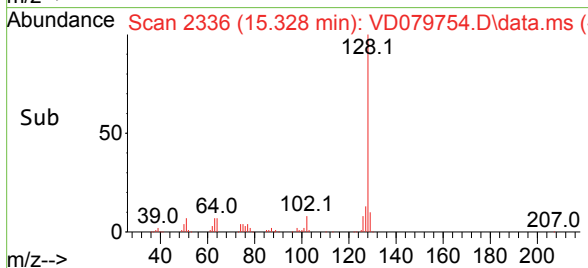
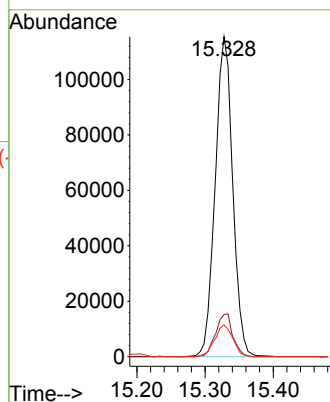
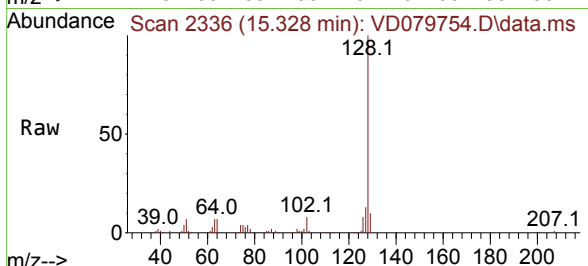




#95
Naphthalene
Concen: 52.228 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	206561
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.0	8.5	12.7



#96
1,2,3-Trichlorobenzene
Concen: 50.825 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. 0.000 min
Lab File: VD079754.D
Acq: 30 Aug 2024 14:43

Tgt Ion:	180	Resp:	86555
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.8	143.3
145	34.0	16.1	48.2

