

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079757.D
 Acq On : 30 Aug 2024 16:13
 Operator : RP/MD
 Sample : VD0830SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 04:45:10 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	137946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	273630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	253736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83332	44.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.620%
35) Dibromofluoromethane	7.810	113	75172	42.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.540%
50) Toluene-d8	10.269	98	332042	43.530	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.060%
62) 4-Bromofluorobenzene	12.569	95	93584	43.847	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34534	20.849	ug/l	97
3) Chloromethane	2.146	50	73333	21.252	ug/l	92
4) Vinyl Chloride	2.281	62	84905	20.424	ug/l	98
5) Bromomethane	2.687	94	57484	19.975	ug/l	97
6) Chloroethane	2.834	64	57701	20.474	ug/l	96
7) Trichlorofluoromethane	3.170	101	63055	20.094	ug/l	99
8) Diethyl Ether	3.599	74	20721	20.813	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.969	101	34862	19.841	ug/l	90
10) Methyl Iodide	4.164	142	34692	17.136	ug/l	91
11) Tert butyl alcohol	5.040	59	4008	43.210	ug/l #	72
12) 1,1-Dichloroethene	3.934	96	36722	19.906	ug/l	88
13) Acrolein	3.793	56	19677	108.812	ug/l	94
14) Allyl chloride	4.564	41	55641	20.473	ug/l #	85
15) Acrylonitrile	5.258	53	47178	105.089	ug/l	98
16) Acetone	4.022	43	39784	101.928	ug/l #	87
17) Carbon Disulfide	4.269	76	133572	19.802	ug/l	98
18) Methyl Acetate	4.564	43	20548	18.366	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	80219	19.870	ug/l	95
20) Methylene Chloride	4.799	84	53838	21.435	ug/l #	87
21) trans-1,2-Dichloroethene	5.311	96	40993	20.022	ug/l #	80
22) Diisopropyl ether	6.222	45	121631	21.266	ug/l #	88
23) Vinyl Acetate	6.158	43	342484	112.304	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	74807	20.001	ug/l	94
25) 2-Butanone	7.087	43	52921	101.631	ug/l	91
26) 2,2-Dichloropropane	7.075	77	60467	20.779	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	46008	19.593	ug/l	86
28) Bromochloromethane	7.428	49	33597	20.210	ug/l #	62
29) Tetrahydrofuran	7.452	42	32283	100.233	ug/l #	80
30) Chloroform	7.599	83	73845	19.888	ug/l	98
31) Cyclohexane	7.881	56	62311	19.817	ug/l	84
32) 1,1,1-Trichloroethane	7.793	97	59875	19.360	ug/l	94
36) 1,1-Dichloropropene	8.005	75	51285	19.454	ug/l	95
37) Ethyl Acetate	7.169	43	25324	21.738	ug/l #	95
38) Carbon Tetrachloride	7.993	117	53043	18.867	ug/l	97
39) Methylcyclohexane	9.269	83	60185	18.747	ug/l	93
40) Benzene	8.252	78	170855	19.434	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	14622	21.934	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	41885	19.425	ug/l	97
43) Isopropyl Acetate	8.357	43	45056	20.731	ug/l #	92
44) Trichloroethene	9.028	130	34930	18.617	ug/l	91
45) 1,2-Dichloropropane	9.304	63	41412	19.512	ug/l	93
46) Dibromomethane	9.393	93	21927	19.531	ug/l #	85
47) Bromodichloromethane	9.581	83	54569	19.463	ug/l	96
48) Methyl methacrylate	9.381	41	19789	18.865	ug/l #	80
49) 1,4-Dioxane	9.387	88	4001	354.720	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	115399	101.651	ug/l	90
52) Toluene	10.334	92	103365	19.440	ug/l	98
53) t-1,3-Dichloropropene	10.546	75	52510	19.866	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	62131	19.734	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	28130	19.153	ug/l	94
56) Ethyl methacrylate	10.593	69	35896	19.505	ug/l #	81
57) 1,3-Dichloropropane	10.875	76	51229	19.349	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	80448	106.245	ug/l	89
59) 2-Hexanone	10.916	43	80280	104.362	ug/l	91
60) Dibromochloromethane	11.069	129	35593	19.702	ug/l	100
61) 1,2-Dibromoethane	11.175	107	26055	20.242	ug/l	99
64) Tetrachloroethene	10.810	164	28324	19.003	ug/l	90
65) Chlorobenzene	11.604	112	109821	19.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	33732	18.240	ug/l	97
67) Ethyl Benzene	11.681	91	186905	18.833	ug/l	100
68) m/p-Xylenes	11.787	106	146975	38.578	ug/l	91
69) o-Xylene	12.122	106	65472	18.439	ug/l	87
70) Styrene	12.134	104	120585	19.456	ug/l	97
71) Bromoform	12.293	173	17742	19.130	ug/l #	97
73) Isopropylbenzene	12.416	105	169880	18.900	ug/l	98
74) N-amyl acetate	12.234	43	43549	20.386	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	34009	19.711	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	42153	39.053	ug/l #	100
77) Bromobenzene	12.698	156	36520	18.256	ug/l	76
78) n-propylbenzene	12.757	91	215295	19.384	ug/l	95
79) 2-Chlorotoluene	12.845	91	117180	18.939	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	144053	19.278	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	11986	18.521	ug/l	89
82) 4-Chlorotoluene	12.945	91	127967	19.856	ug/l	93
83) tert-Butylbenzene	13.163	119	117797	18.970	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	147856	19.181	ug/l	96
85) sec-Butylbenzene	13.340	105	186957	19.693	ug/l	98
86) p-Isopropyltoluene	13.457	119	156160	19.653	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	81860	19.062	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	78917	18.379	ug/l	93
89) n-Butylbenzene	13.781	91	148420	19.514	ug/l	97
90) Hexachloroethane	14.051	117	29515	18.386	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	68003	18.491	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	5438	21.588	ug/l	66
93) 1,2,4-Trichlorobenzene	15.098	180	37753	18.690	ug/l	96
94) Hexachlorobutadiene	15.198	225	17266	17.775	ug/l	99
95) Naphthalene	15.328	128	79595	19.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	32944	18.665	ug/l	97

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Instrument :
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ClientSampleId :

Quant Time: Aug 31 04:45:10 2024
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Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration

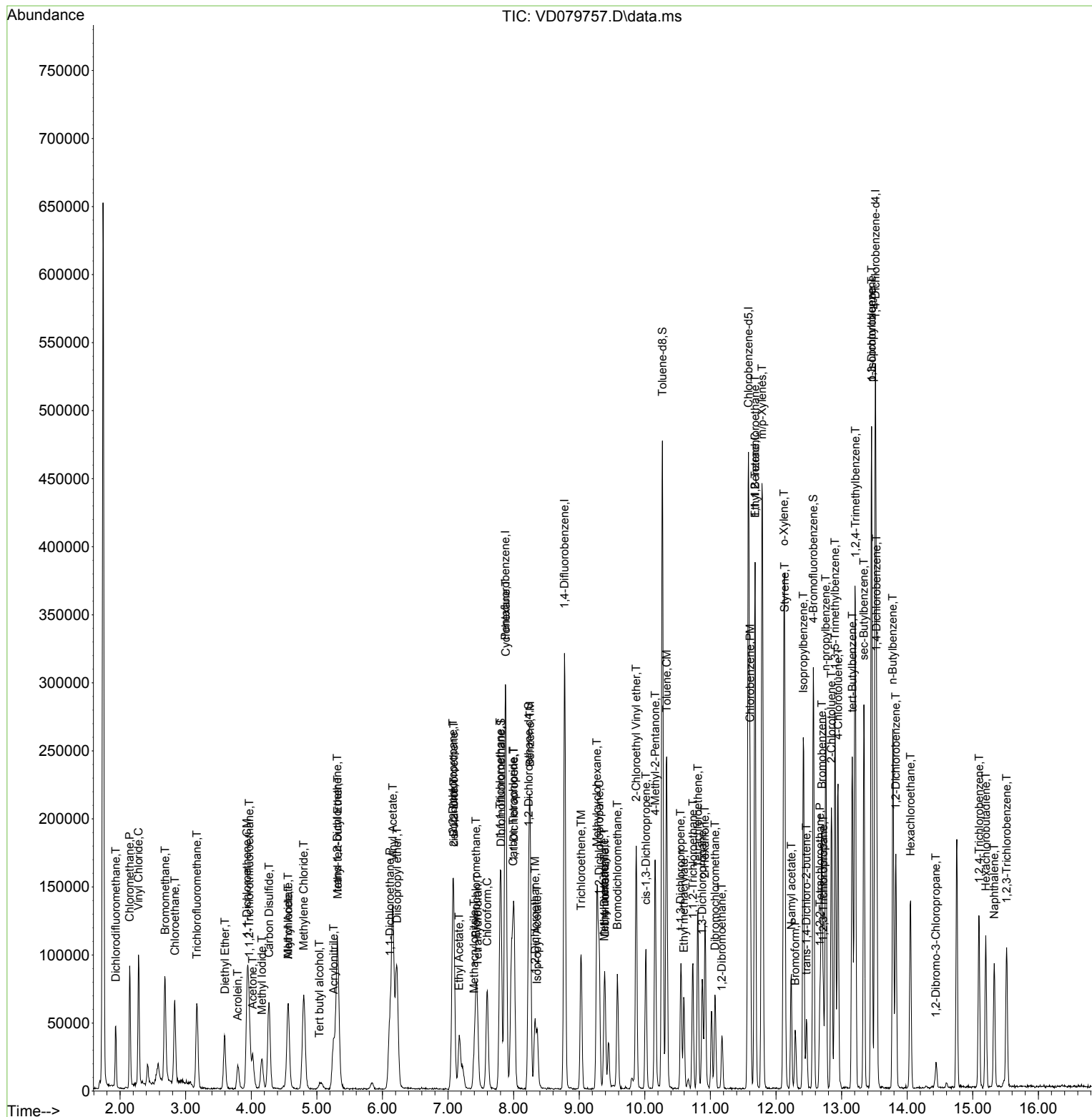
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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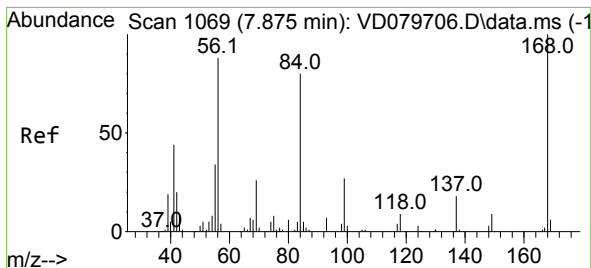
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083024\
 Data File : VD079757.D
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Quant Time: Aug 31 04:45:10 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

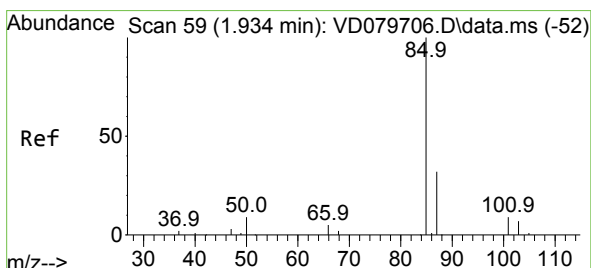
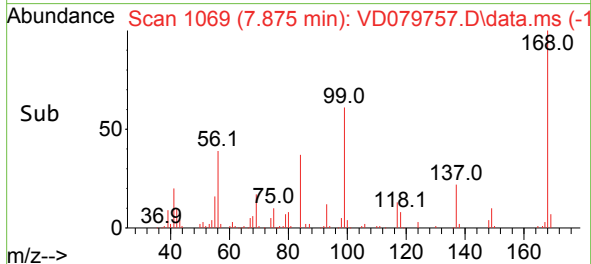
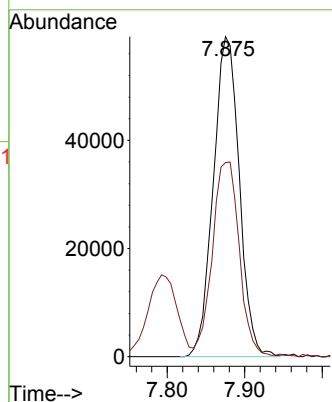
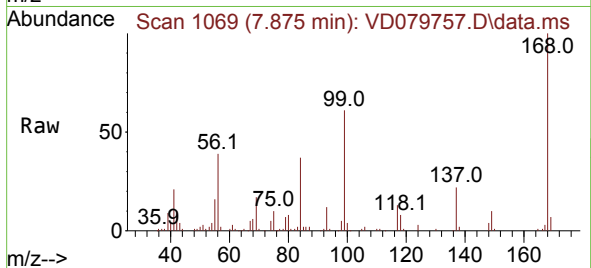
ClientSampleId :

Tgt Ion:168 Resp: 137946

Ion Ratio Lower Upper

168 100

99 59.8 41.1 61.7



#2

Dichlorodifluoromethane

Concen: 20.849 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD079757.D

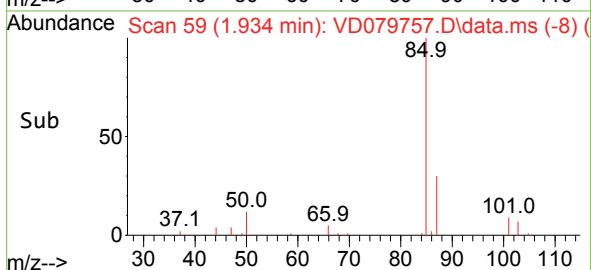
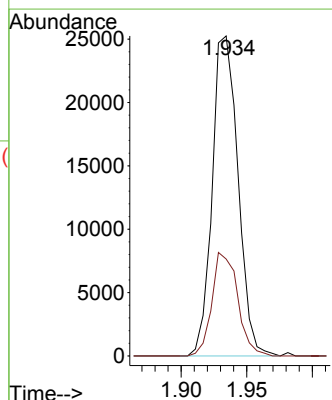
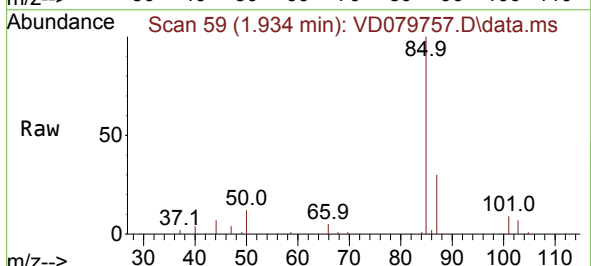
Acq: 30 Aug 2024 16:13

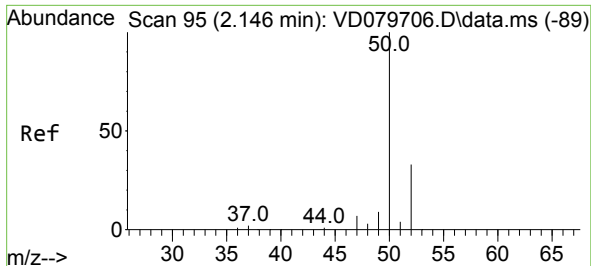
Tgt Ion: 85 Resp: 34534

Ion Ratio Lower Upper

85 100

87 30.3 16.0 48.0

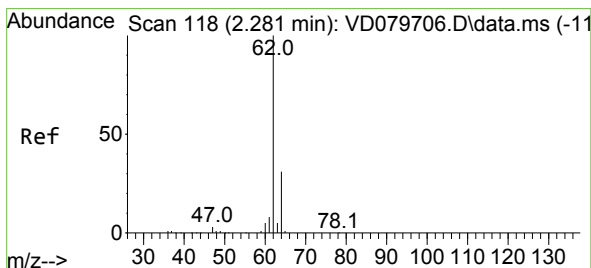
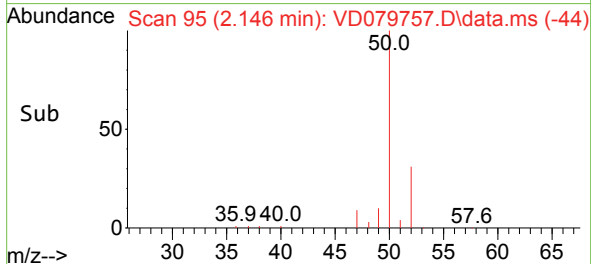
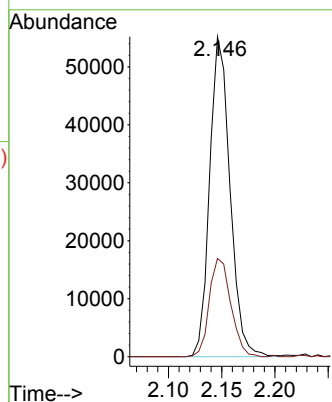
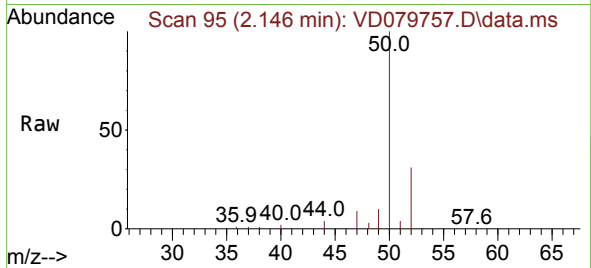




#3
Chloromethane
Concen: 21.252 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

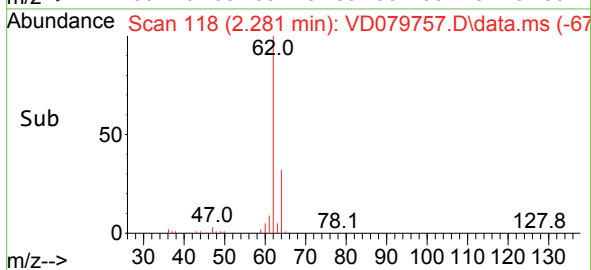
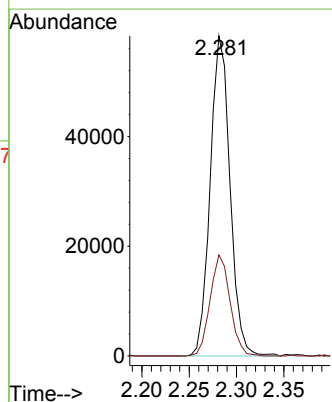
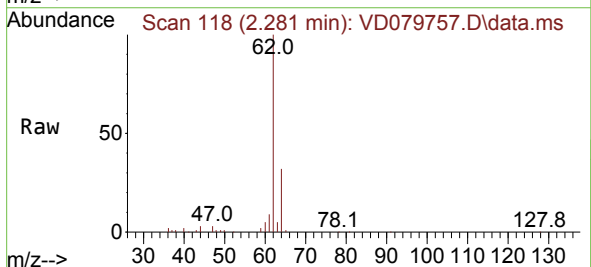
Instrument :
MSVOA_D
ClientSampleId :

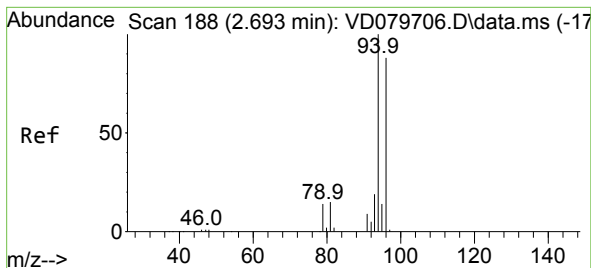
Tgt Ion: 50 Resp: 73333
Ion Ratio Lower Upper
50 100
52 30.7 28.2 42.2



#4
Vinyl Chloride
Concen: 20.424 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 62 Resp: 84905
Ion Ratio Lower Upper
62 100
64 31.6 26.3 39.5





#5

Bromomethane

Concen: 19.975 ug/l

RT: 2.687 min Scan# 188

Delta R.T. -0.006 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

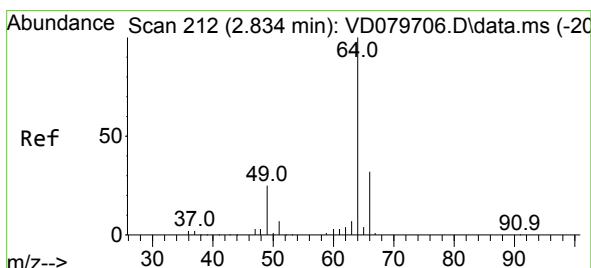
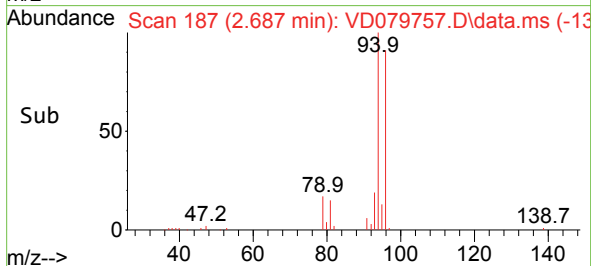
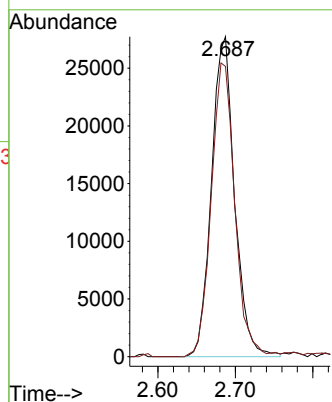
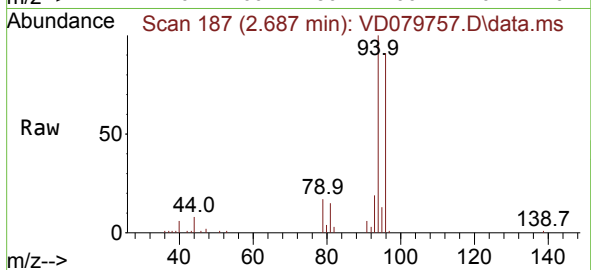
ClientSampleId :

Tgt Ion: 94 Resp: 57484

Ion Ratio Lower Upper

94 100

96 93.1 76.9 115.3



#6

Chloroethane

Concen: 20.474 ug/l

RT: 2.834 min Scan# 212

Delta R.T. -0.000 min

Lab File: VD079757.D

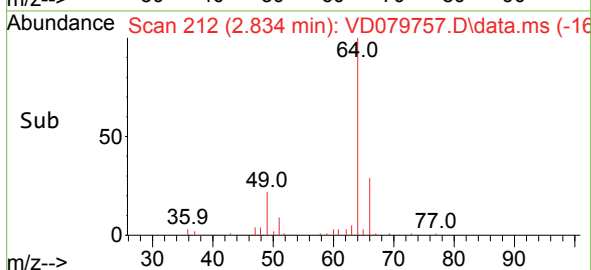
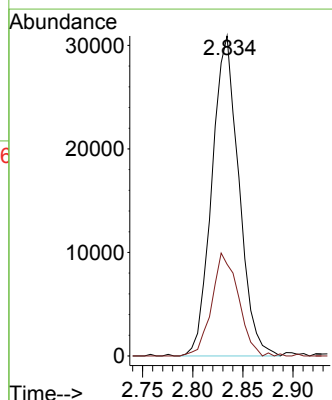
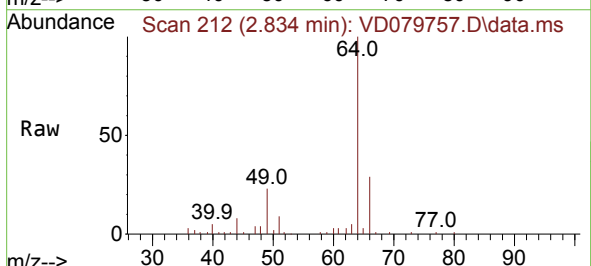
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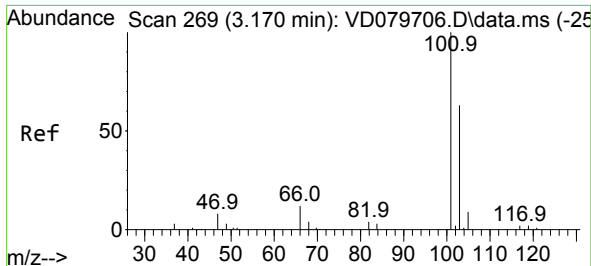
Tgt Ion: 64 Resp: 57701

Ion Ratio Lower Upper

64 100

66 28.6 24.5 36.7

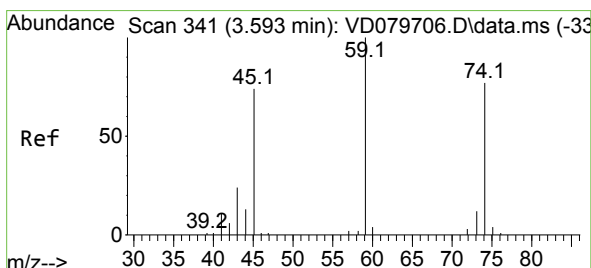
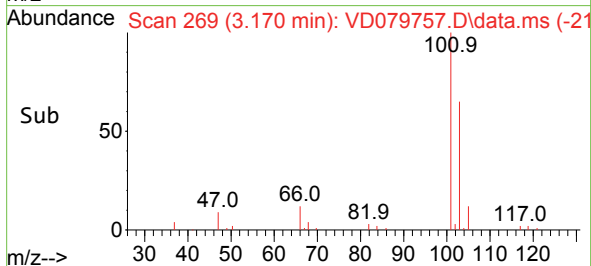
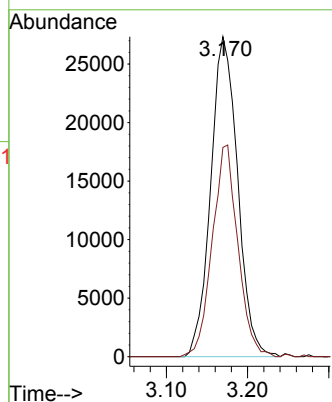
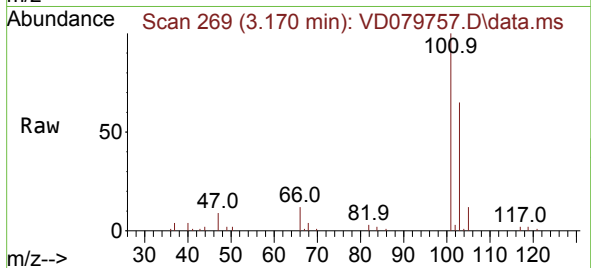




#7
Trichlorofluoromethane
Concen: 20.094 ug/l
RT: 3.170 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

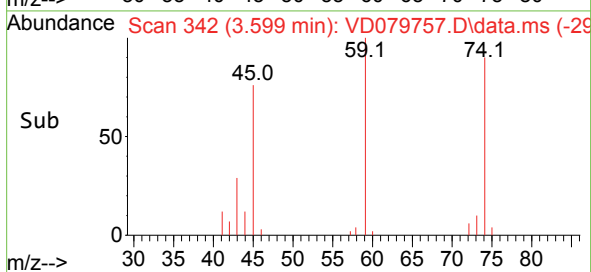
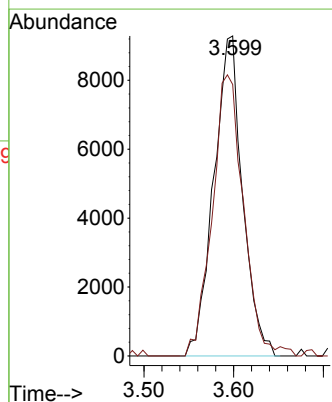
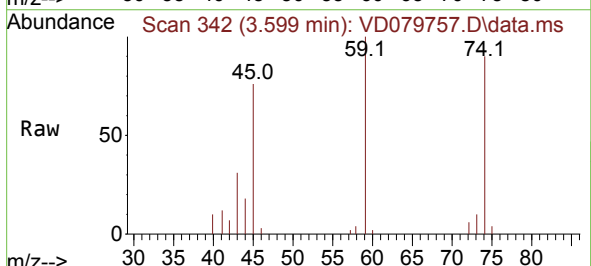
Instrument :
MSVOA_D
ClientSampleId :

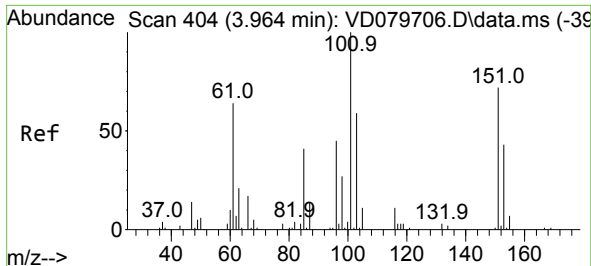
Tgt Ion:101 Resp: 63055
Ion Ratio Lower Upper
101 100
103 65.4 53.2 79.8



#8
Diethyl Ether
Concen: 20.813 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 74 Resp: 20721
Ion Ratio Lower Upper
74 100
45 95.2 37.9 113.6

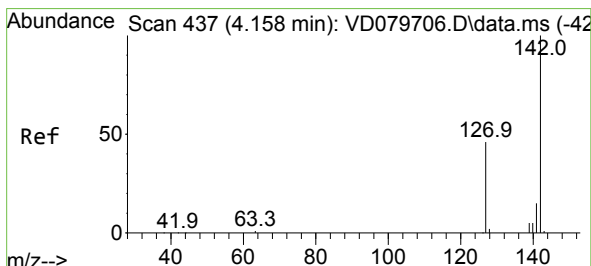
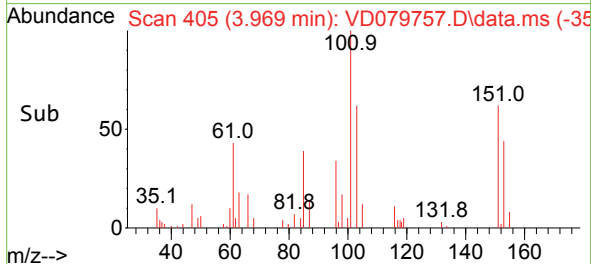
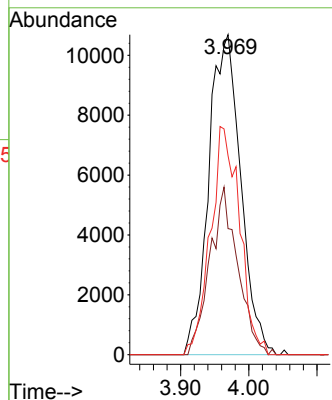
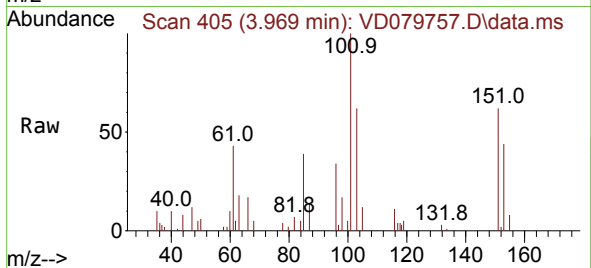




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.841 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

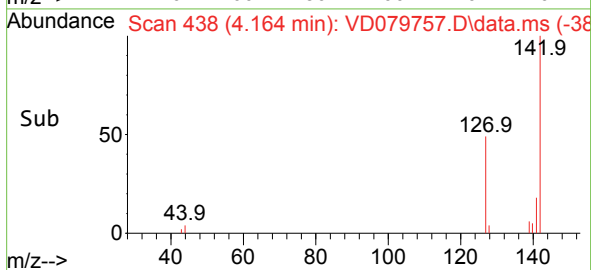
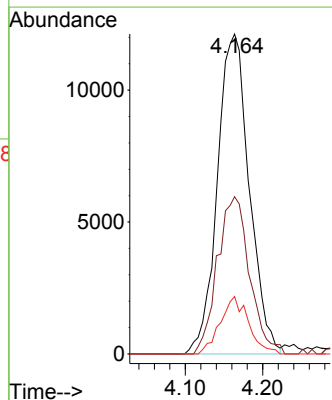
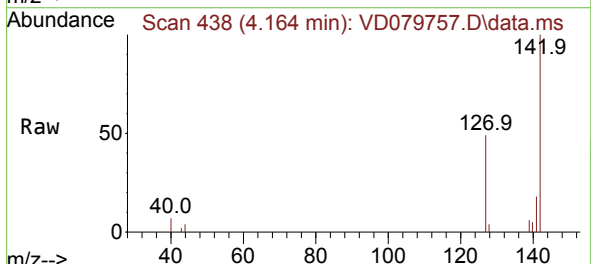
Instrument :
MSVOA_D
ClientSampleId :

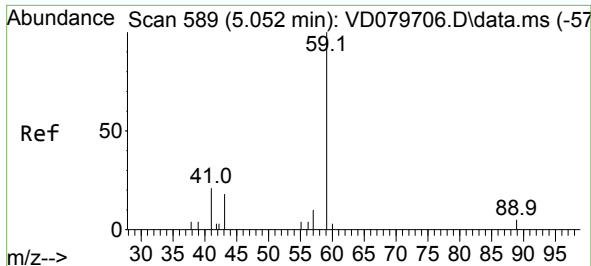
Tgt Ion:101 Resp: 34862
Ion Ratio Lower Upper
101 100
85 45.7 33.5 50.3
151 65.0 60.3 90.5



#10
Methyl Iodide
Concen: 17.136 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

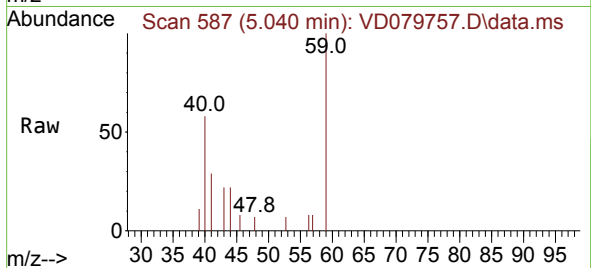
Tgt Ion:142 Resp: 34692
Ion Ratio Lower Upper
142 100
127 49.6 34.2 51.4
141 16.0 11.7 17.5



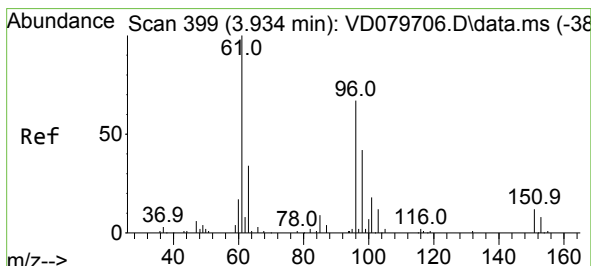
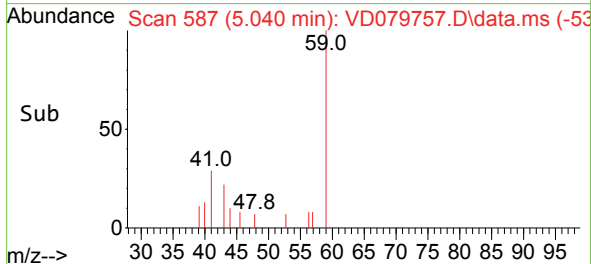
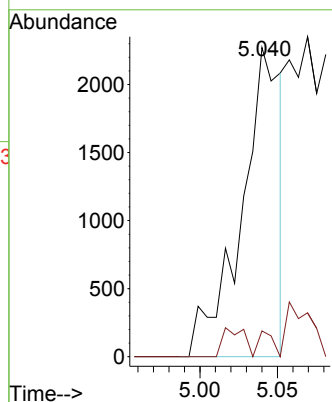


#11
Tert butyl alcohol
Concen: 43.210 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.012 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

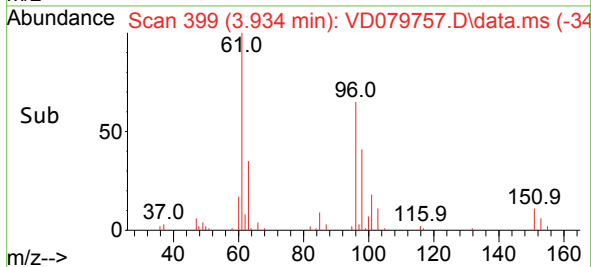
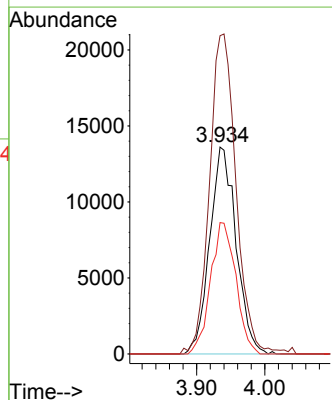
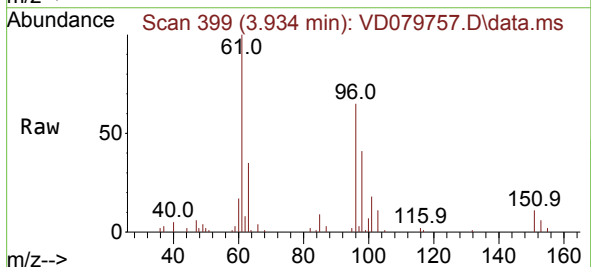


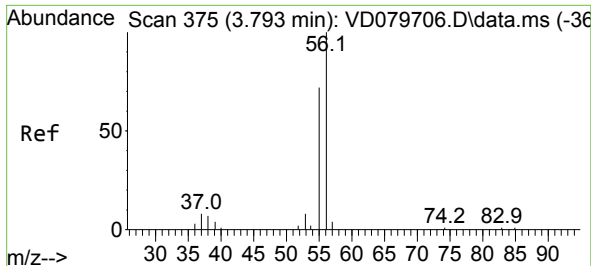
Tgt Ion: 59 Resp: 4008
Ion Ratio Lower Upper
59 100
57 13.7 3.6 5.4#



#12
1,1-Dichloroethene
Concen: 19.906 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 96 Resp: 36722
Ion Ratio Lower Upper
96 100
61 153.8 107.3 160.9
98 63.5 51.7 77.5





#13

Acrolein

Concen: 108.812 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

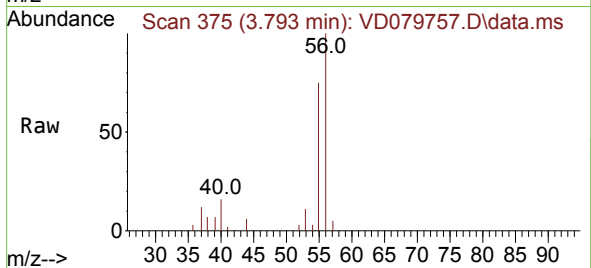
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

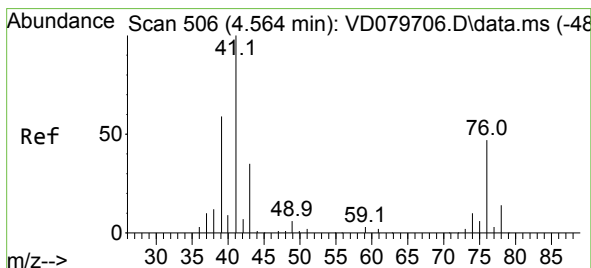
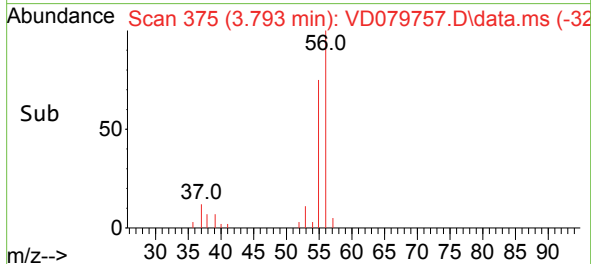
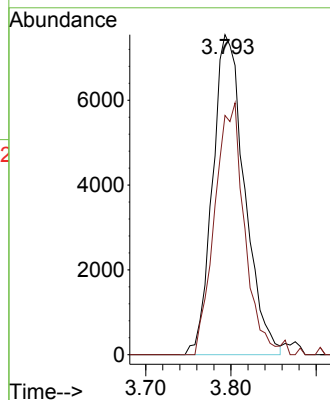


Tgt Ion: 56 Resp: 19677

Ion Ratio Lower Upper

56 100

55 73.9 55.3 82.9



#14

Allyl chloride

Concen: 20.473 ug/l

RT: 4.564 min Scan# 506

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

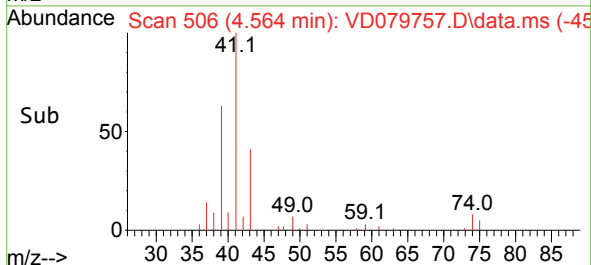
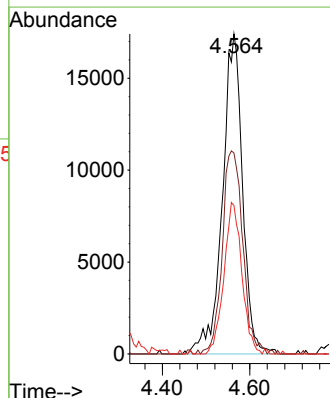
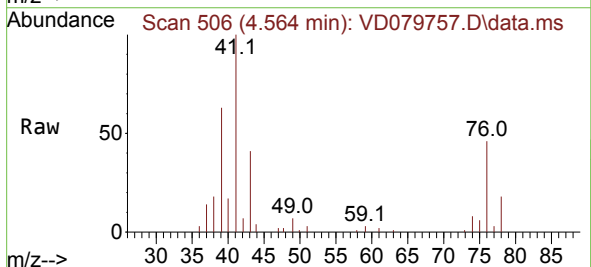
Tgt Ion: 41 Resp: 55641

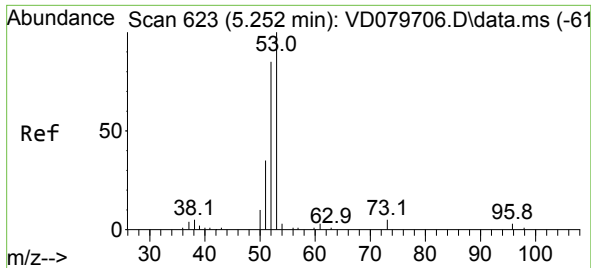
Ion Ratio Lower Upper

41 100

39 64.4 58.0 87.0

76 42.1 45.9 68.9#

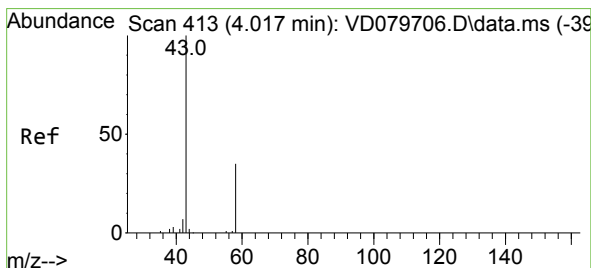
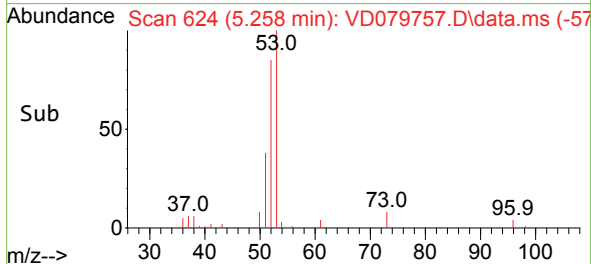
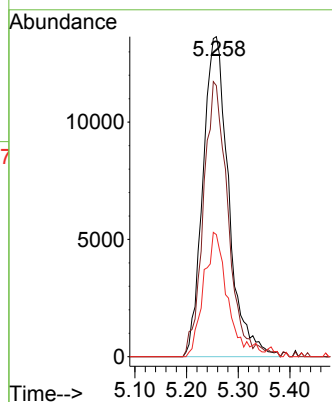
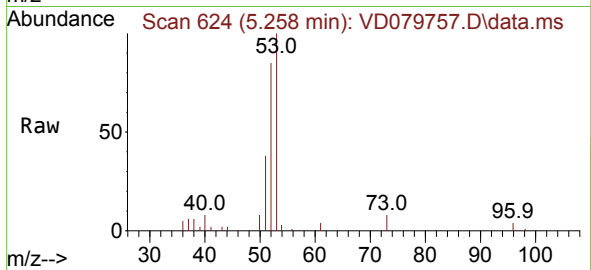




#15
Acrylonitrile
Concen: 105.089 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

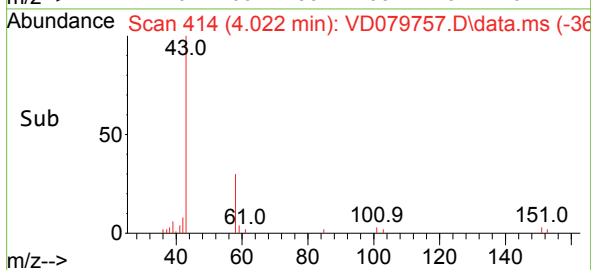
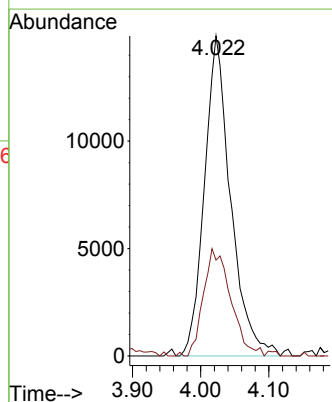
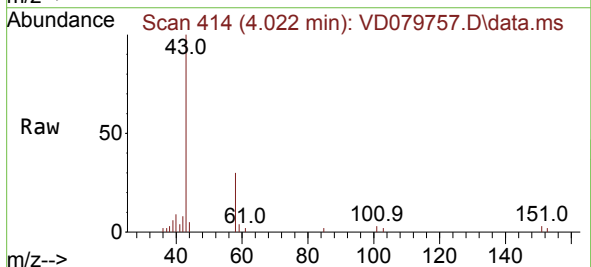
Instrument :
MSVOA_D
ClientSampleId :

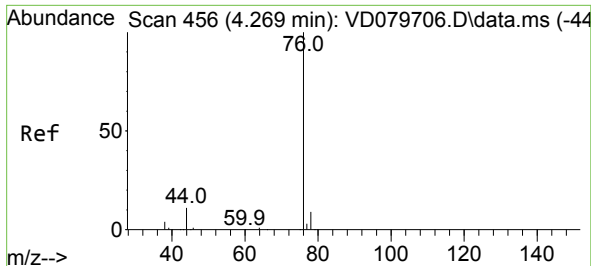
Tgt Ion: 53 Resp: 47178
Ion Ratio Lower Upper
53 100
52 82.4 67.7 101.5
51 36.6 28.6 42.8



#16
Acetone
Concen: 101.928 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 43 Resp: 39784
Ion Ratio Lower Upper
43 100
58 30.0 30.4 45.6#

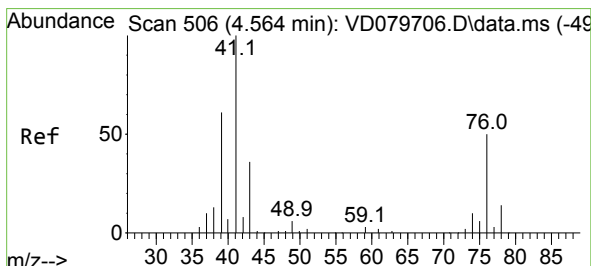
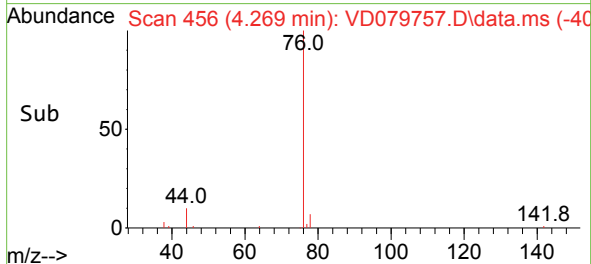
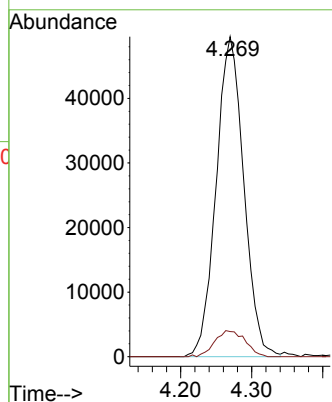
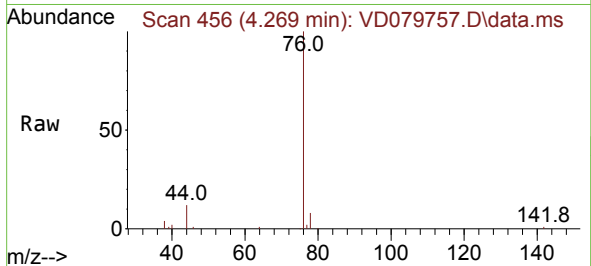




#17
Carbon Disulfide
Concen: 19.802 ug/l
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

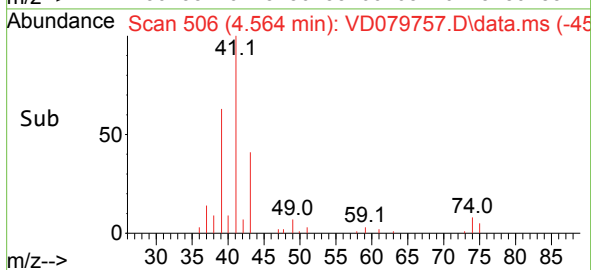
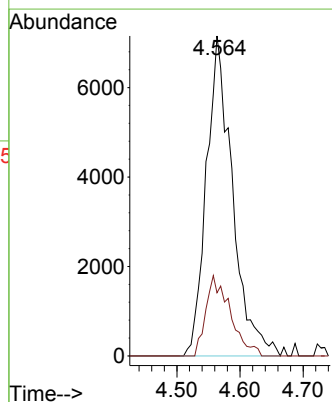
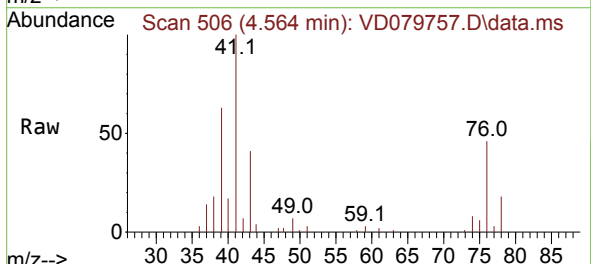
Instrument :
MSVOA_D
ClientSampleId :

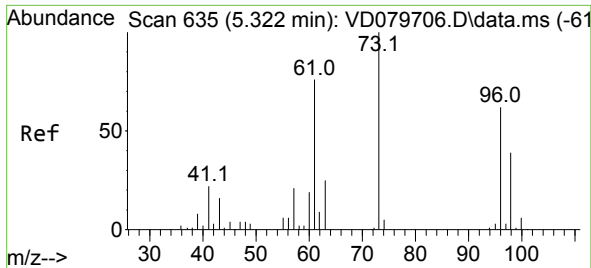
Tgt Ion: 76 Resp: 133572
Ion Ratio Lower Upper
76 100
78 7.9 6.9 10.3



#18
Methyl Acetate
Concen: 18.366 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 43 Resp: 20548
Ion Ratio Lower Upper
43 100
74 23.5 28.1 42.1#

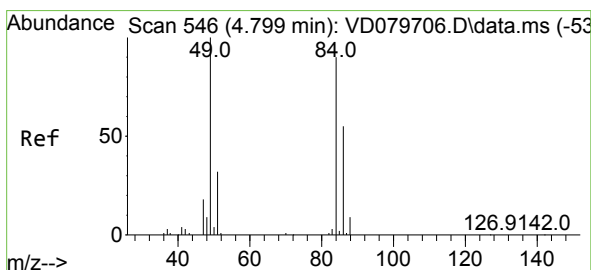
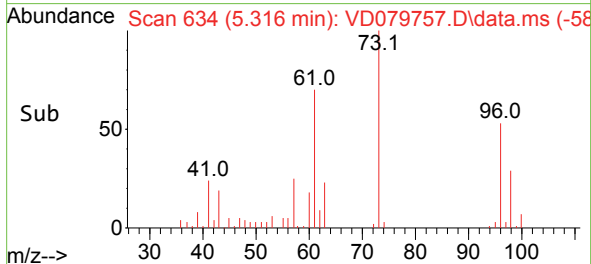
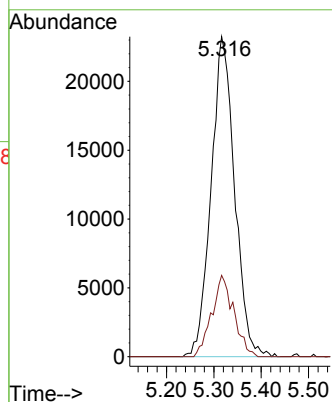
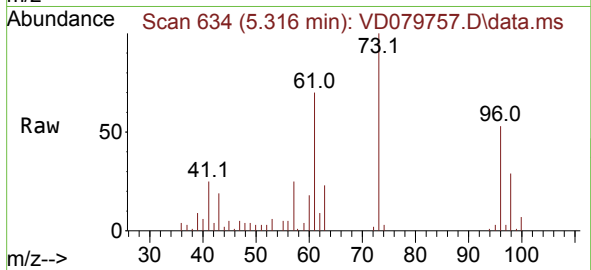




#19
Methyl tert-butyl Ether
Concen: 19.870 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

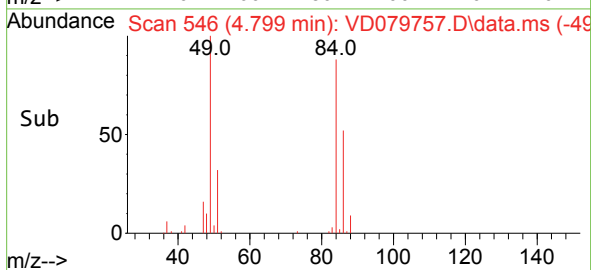
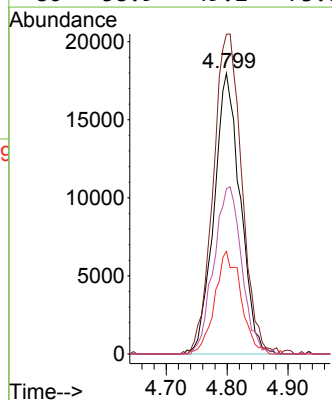
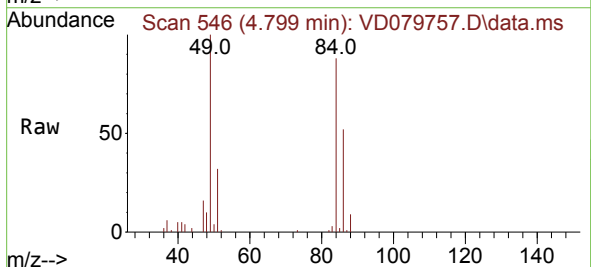
Instrument :
MSVOA_D
ClientSampleId :

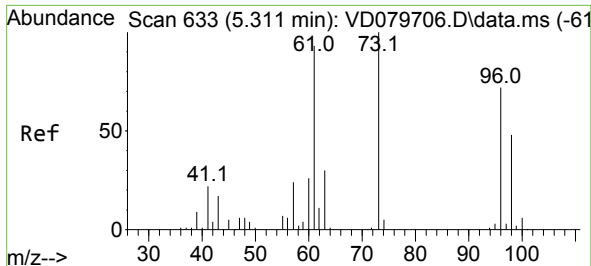
Tgt Ion: 73 Resp: 80219
Ion Ratio Lower Upper
73 100
57 25.4 18.3 27.5



#20
Methylene Chloride
Concen: 21.435 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 84 Resp: 53838
Ion Ratio Lower Upper
84 100
49 113.9 75.6 113.4#
51 36.6 24.2 36.2#
86 58.9 49.2 73.8

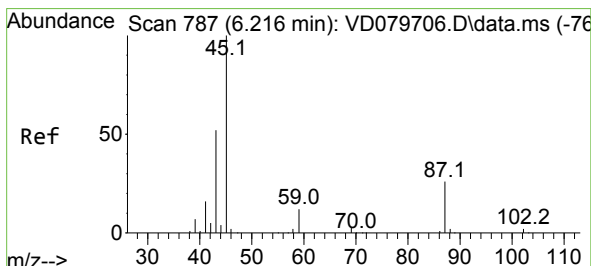
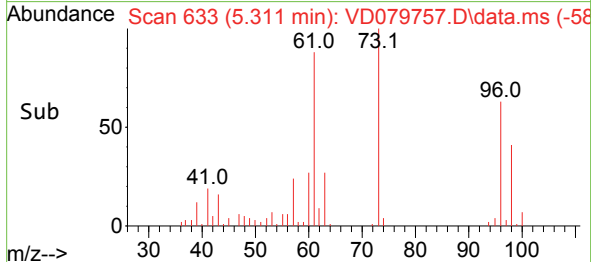
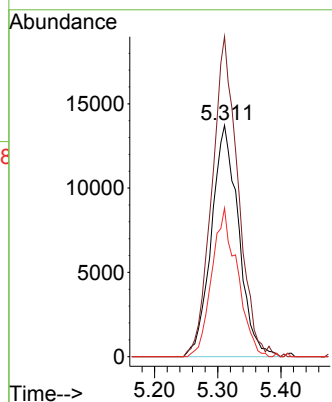
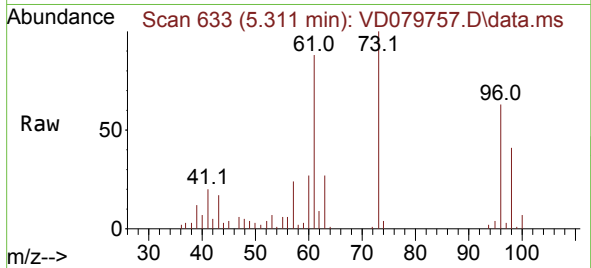




#21
trans-1,2-Dichloroethene
Concen: 20.022 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

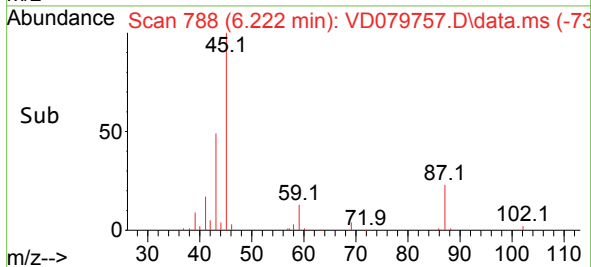
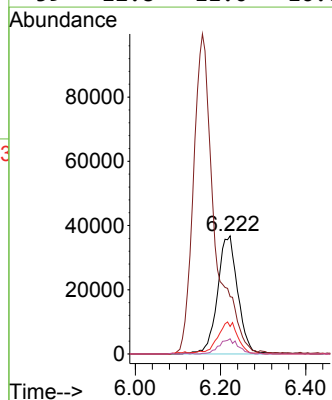
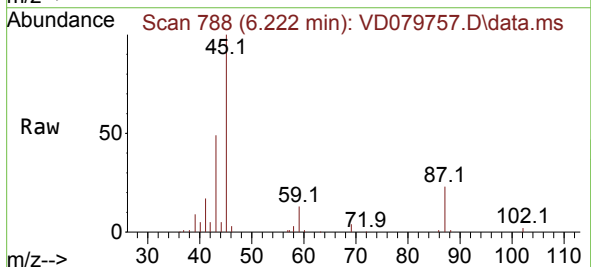
Instrument :
MSVOA_D
ClientSampleId :

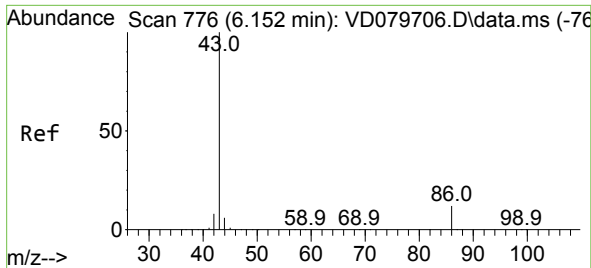
Tgt Ion: 96 Resp: 40993
Ion Ratio Lower Upper
96 100
61 138.3 84.5 126.7#
98 64.2 50.5 75.7



#22
Diisopropyl ether
Concen: 21.266 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 45 Resp: 121631
Ion Ratio Lower Upper
45 100
43 47.7 41.7 62.5
87 23.3 30.2 45.2#
59 12.8 11.0 16.6

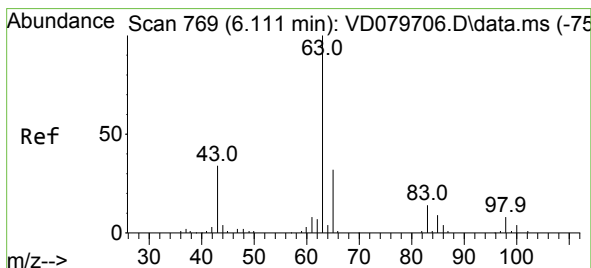
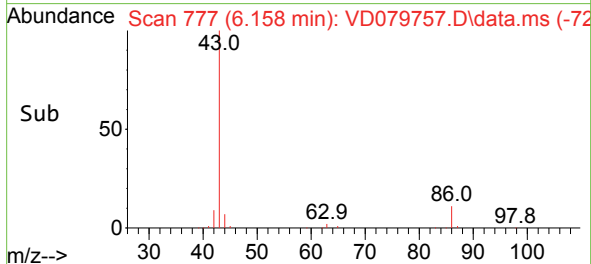
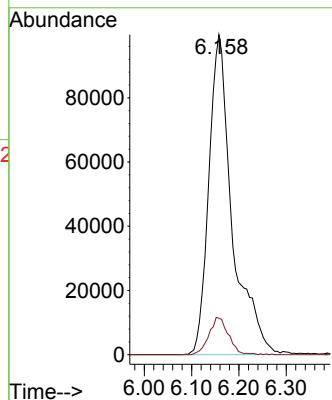
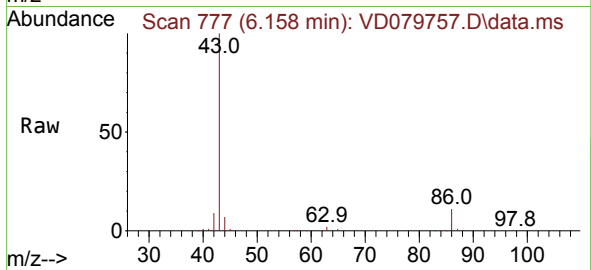




#23
 Vinyl Acetate
 Concen: 112.304 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079757.D
 Acq: 30 Aug 2024 16:13

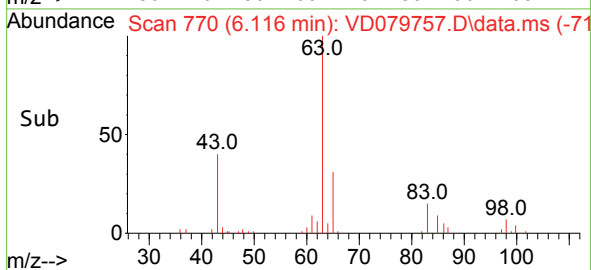
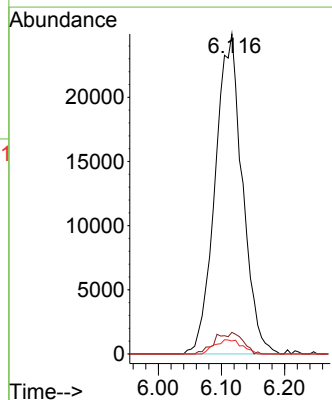
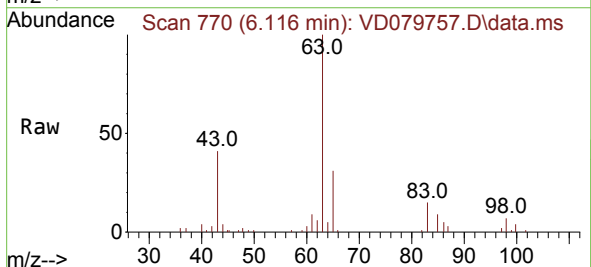
Instrument :
 MSVOA_D
 ClientSampleId :

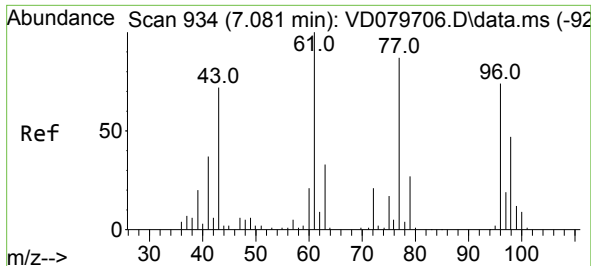
Tgt Ion: 43 Resp: 342484
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.3 18.5#



#24
 1,1-Dichloroethane
 Concen: 20.001 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD079757.D
 Acq: 30 Aug 2024 16:13

Tgt Ion: 63 Resp: 74807
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.7 14.0
 100 4.1 2.9 8.6

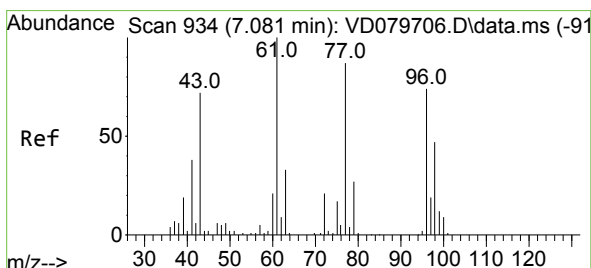
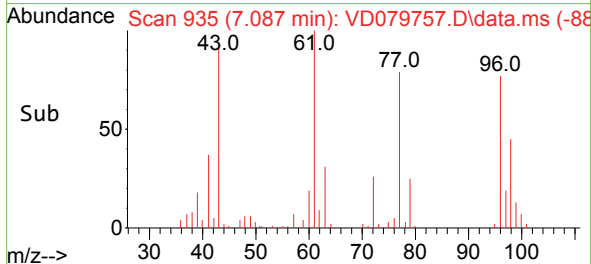
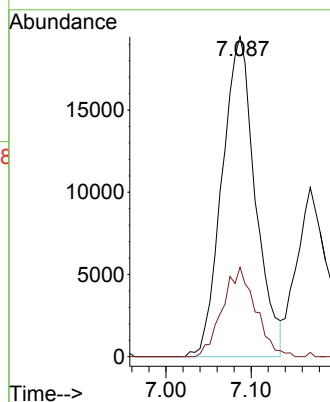
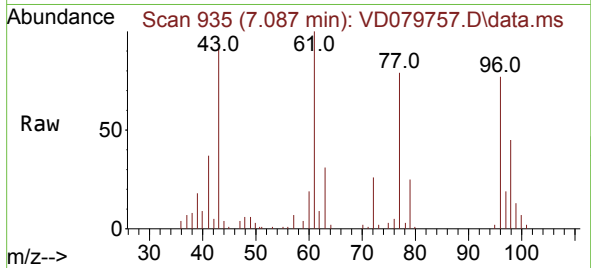




#25
2-Butanone
Concen: 101.631 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

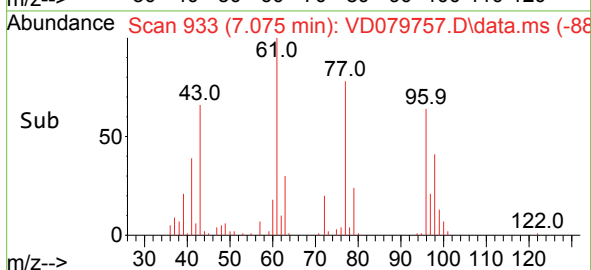
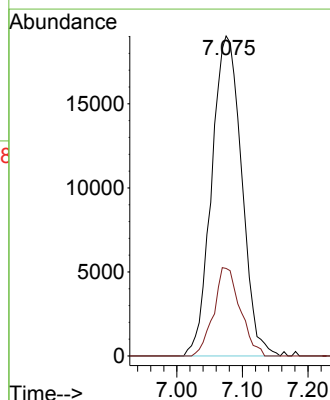
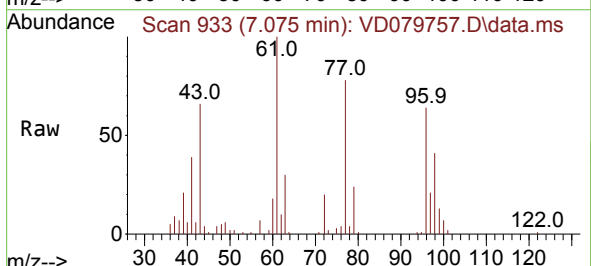
Instrument :
MSVOA_D
ClientSampleId :

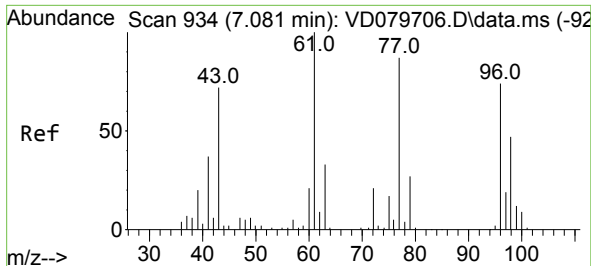
Tgt Ion: 43 Resp: 52921
Ion Ratio Lower Upper
43 100
72 28.0 26.4 39.6



#26
2,2-Dichloropropane
Concen: 20.779 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 77 Resp: 60467
Ion Ratio Lower Upper
77 100
97 24.4 12.4 37.2



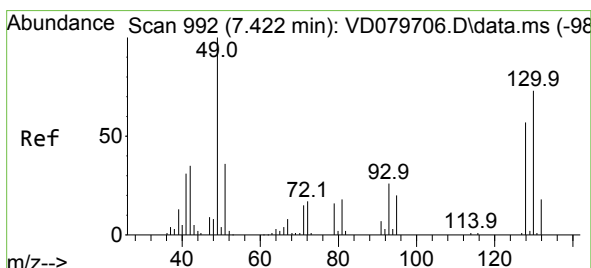
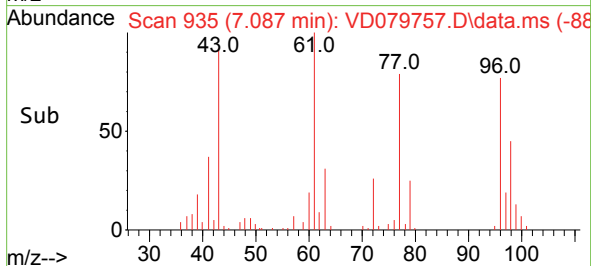
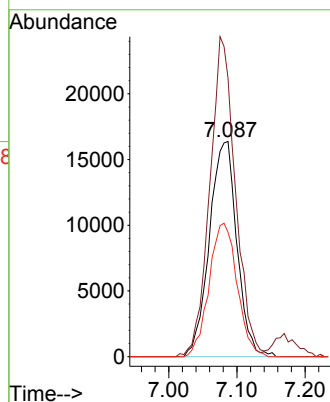
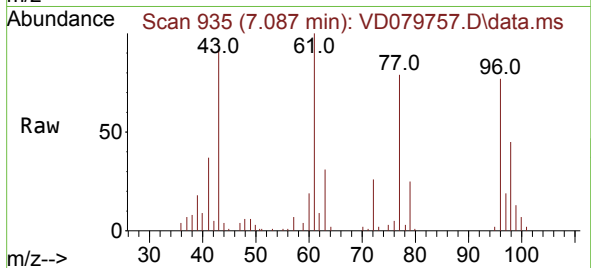


#27
 cis-1,2-Dichloroethene
 Concen: 19.593 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD079757.D
 Acq: 30 Aug 2024 16:13

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 46008

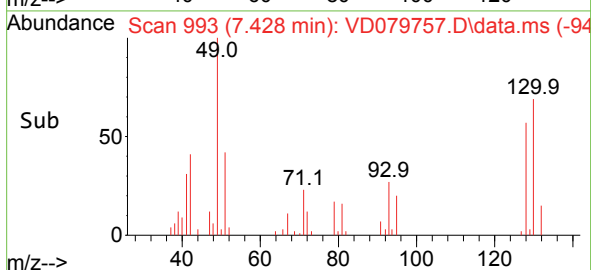
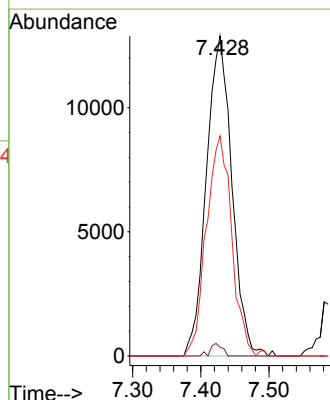
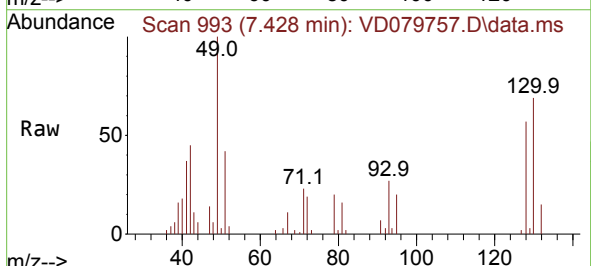
Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	229.0
98	63.2	0.0	127.2

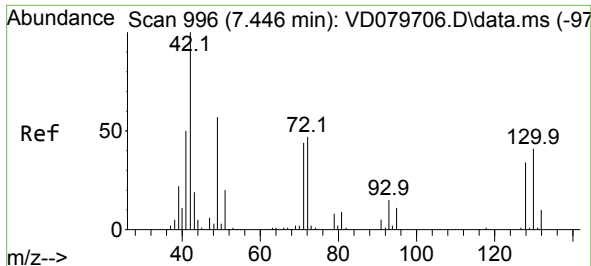


#28
 Bromochloromethane
 Concen: 20.210 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD079757.D
 Acq: 30 Aug 2024 16:13

Tgt Ion: 49 Resp: 33597

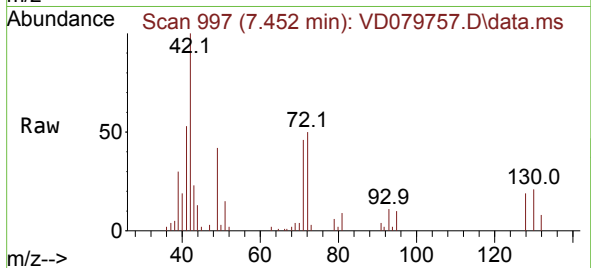
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	7.0
130	68.2	87.7	131.5#



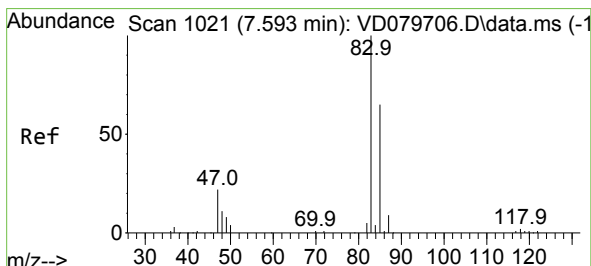
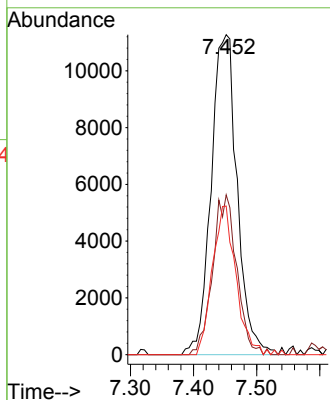
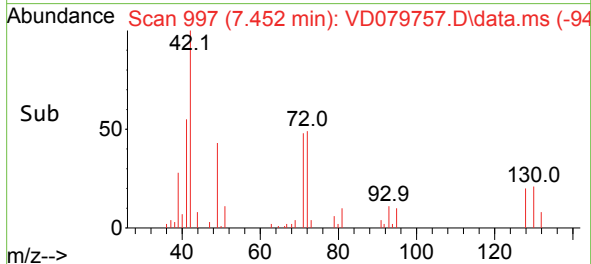


#29
Tetrahydrofuran
Concen: 100.233 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

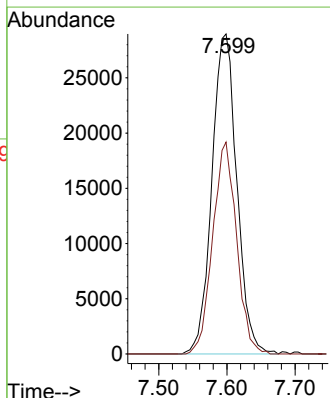
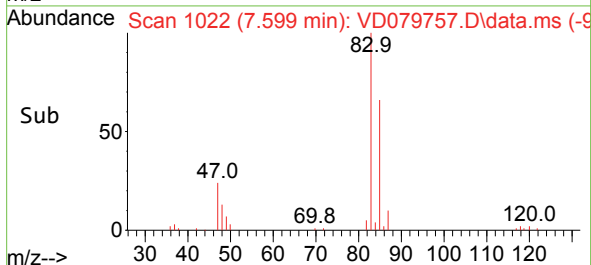
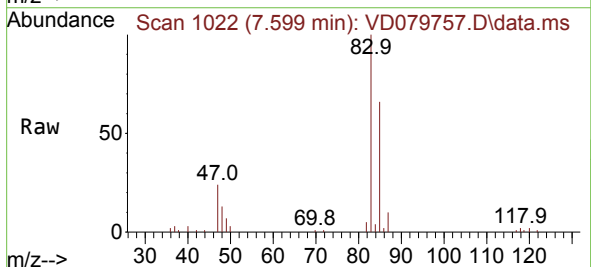


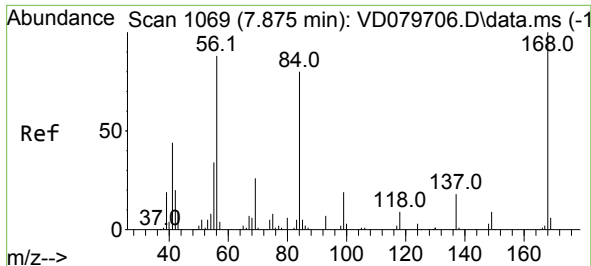
Tgt Ion: 42 Resp: 32283
Ion Ratio Lower Upper
42 100
72 46.2 49.4 74.0#
71 42.2 45.0 67.6#



#30
Chloroform
Concen: 19.888 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 83 Resp: 73845
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.6

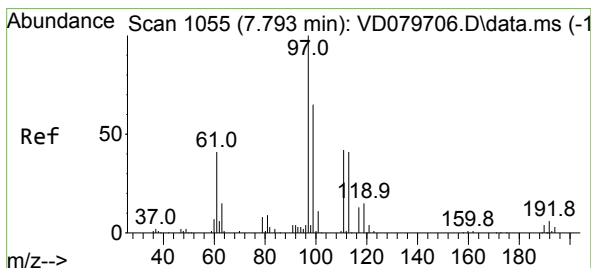
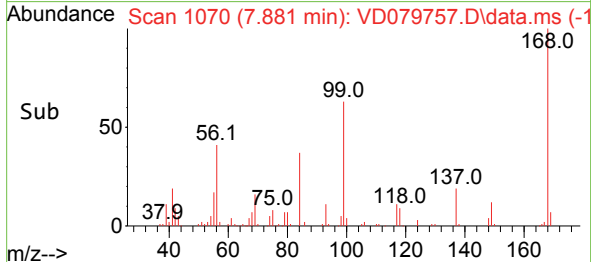
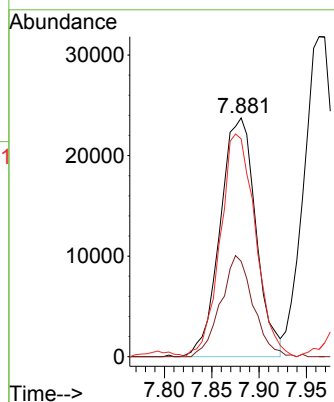
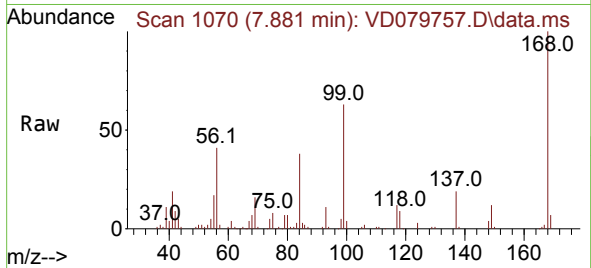




#31
Cyclohexane
Concen: 19.817 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

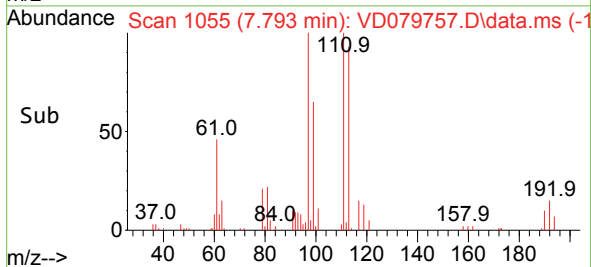
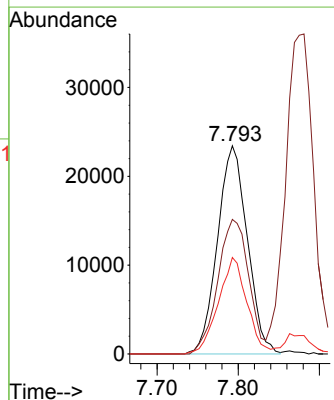
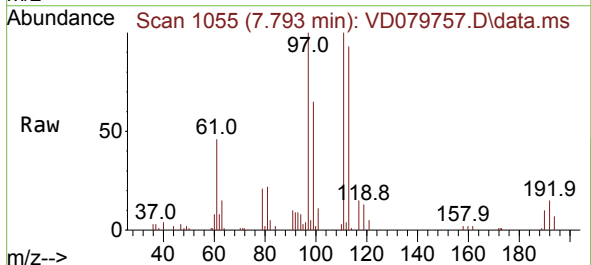
Instrument :
MSVOA_D
ClientSampleId :

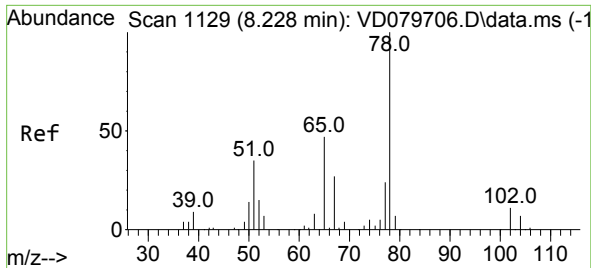
Tgt Ion: 56 Resp: 62311
Ion Ratio Lower Upper
56 100
69 40.0 28.0 42.0
84 90.4 87.4 131.0



#32
1,1,1-Trichloroethane
Concen: 19.360 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 97 Resp: 59875
Ion Ratio Lower Upper
97 100
99 67.2 51.3 76.9
61 44.2 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 44.305 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

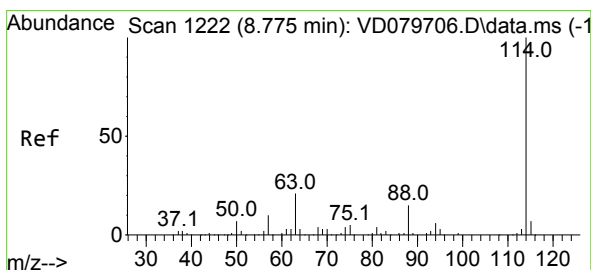
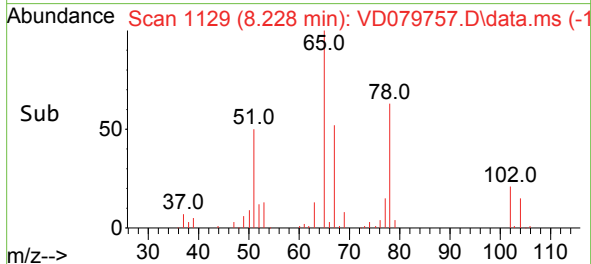
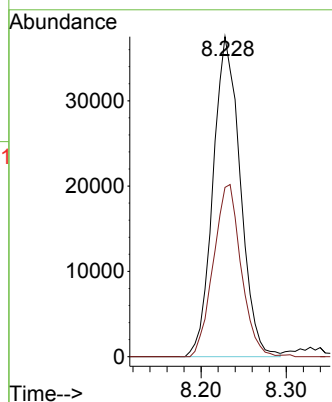
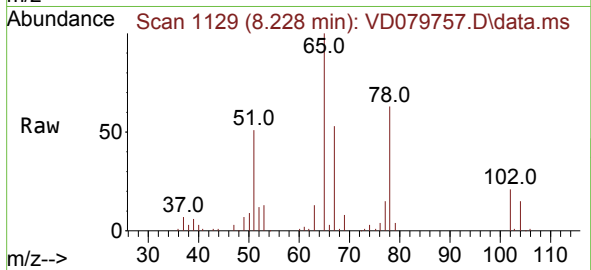
ClientSampleId :

Tgt Ion: 65 Resp: 83332

Ion Ratio Lower Upper

65 100

67 54.8 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: VD079757.D

Acq: 30 Aug 2024 16:13

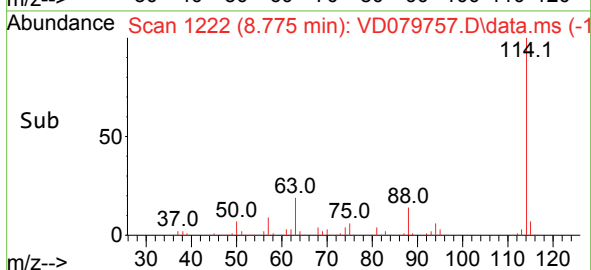
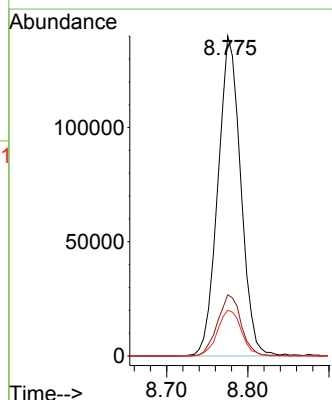
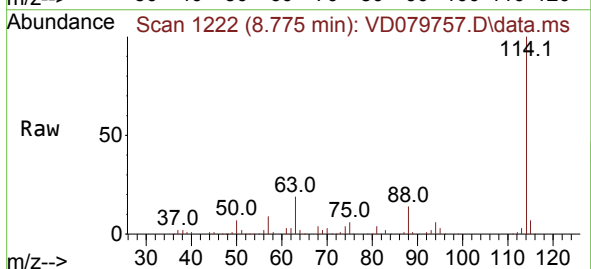
Tgt Ion:114 Resp: 273630

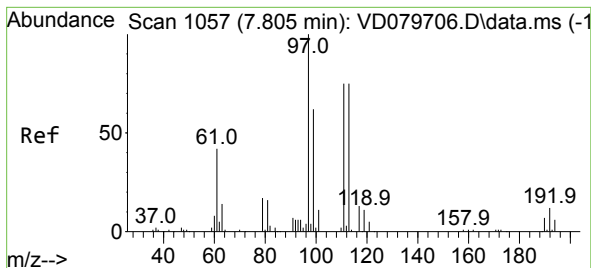
Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 42.265 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

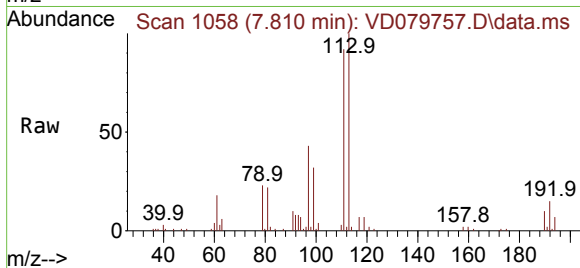
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

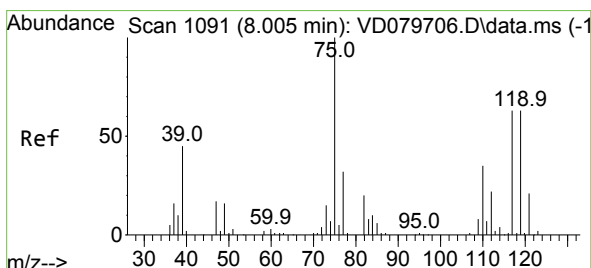
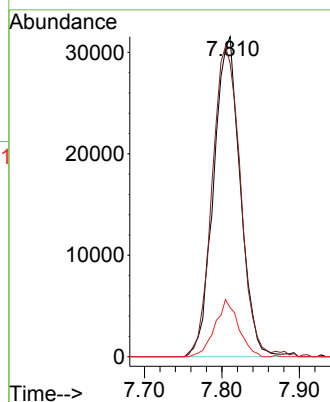
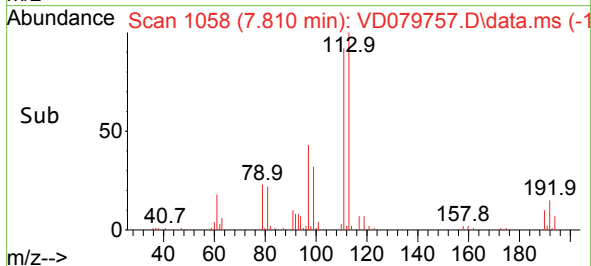
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	75172
Ion Ratio	Lower	Upper	
113	100		
111	103.1	84.0	126.0
192	15.8	15.4	23.0



#36

1,1-Dichloropropene

Concen: 19.454 ug/l

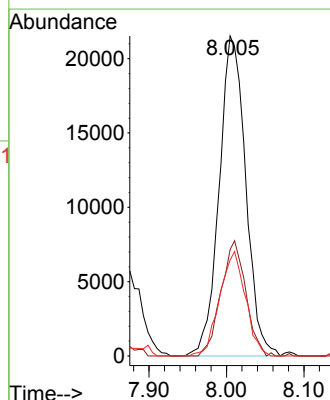
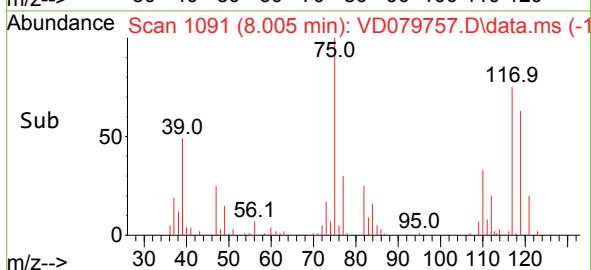
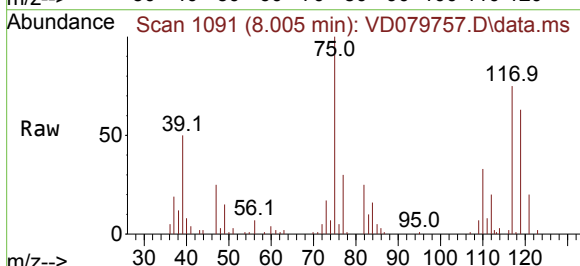
RT: 8.005 min Scan# 1091

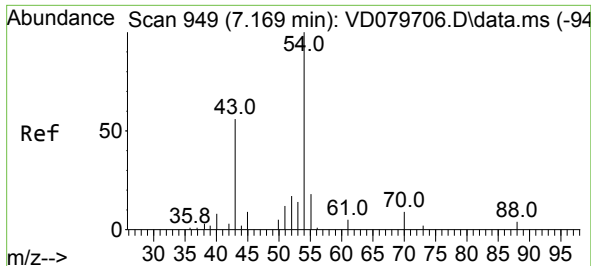
Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

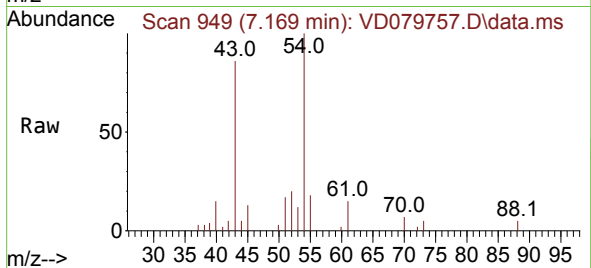
Tgt Ion:	75	Resp:	51285
Ion Ratio	Lower	Upper	
75	100		
110	33.8	19.6	58.7
77	31.8	26.1	39.1



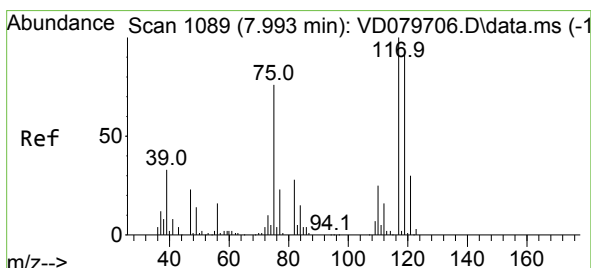
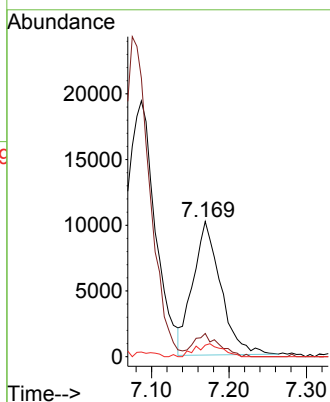
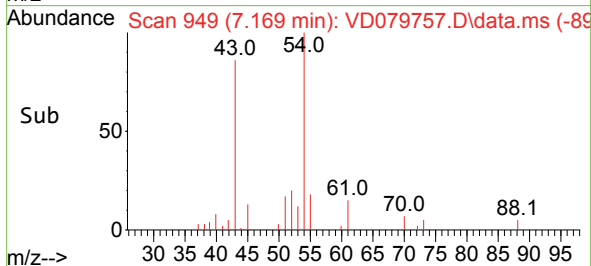


#37
Ethyl Acetate
Concen: 21.738 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

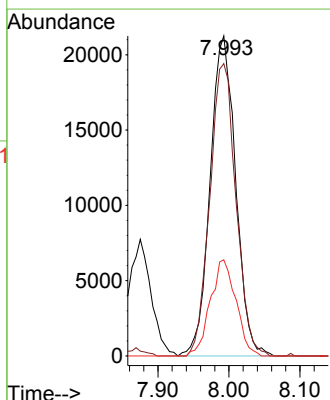
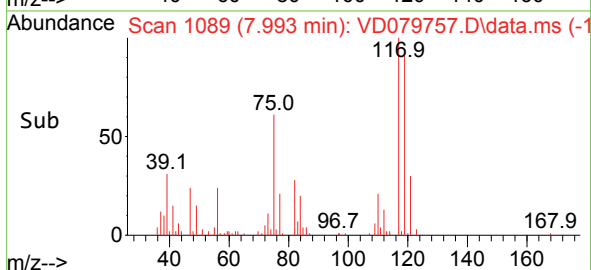
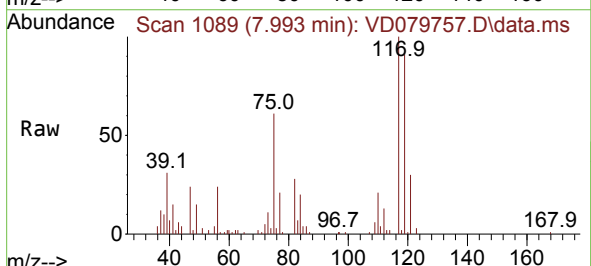


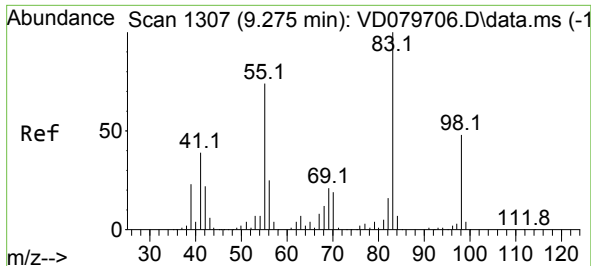
Tgt Ion: 43 Resp: 25324
Ion Ratio Lower Upper
43 100
61 15.8 13.9 20.9
70 9.4 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 18.867 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 117 Resp: 53043
Ion Ratio Lower Upper
117 100
119 91.3 75.4 113.0
121 30.0 25.0 37.4

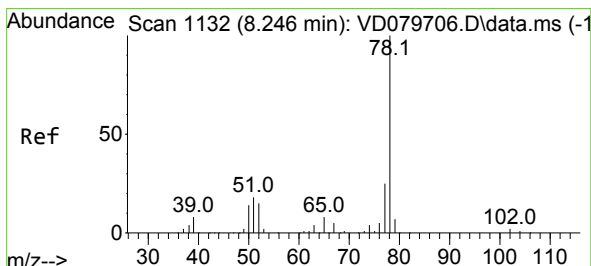
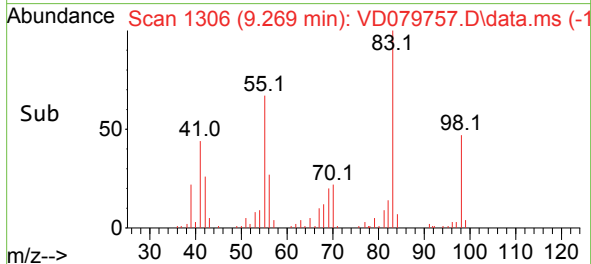
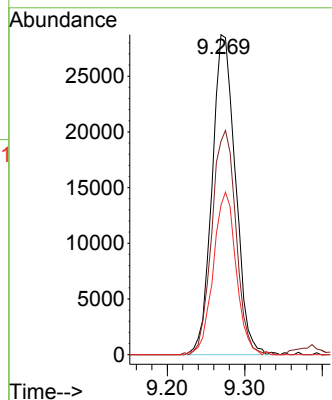
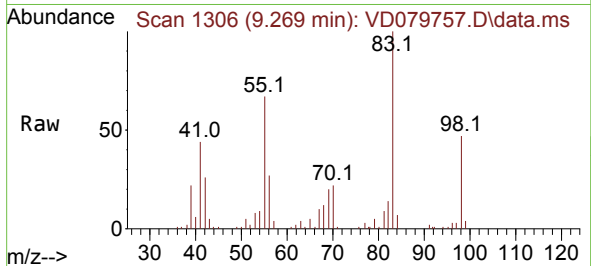




#39
Methylcyclohexane
Concen: 18.747 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

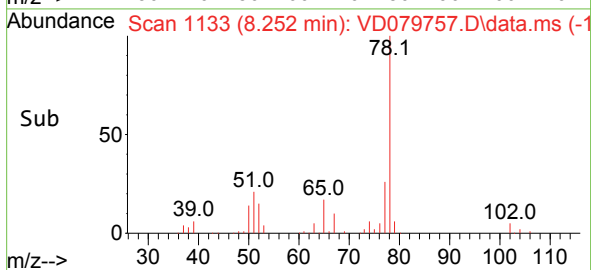
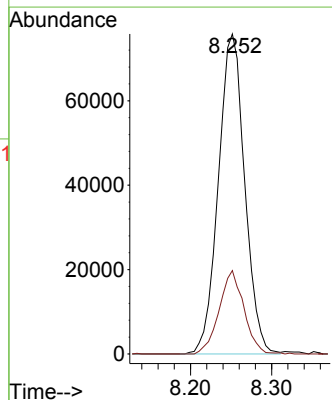
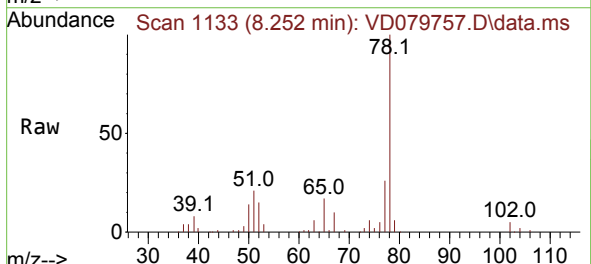
Instrument :
MSVOA_D
ClientSampleId :

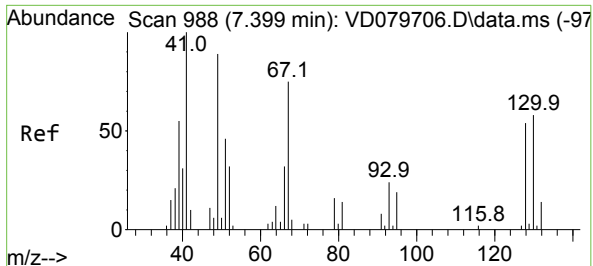
Tgt Ion: 83 Resp: 60185
Ion Ratio Lower Upper
83 100
55 66.7 50.1 75.1
98 46.7 41.9 62.9



#40
Benzene
Concen: 19.434 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

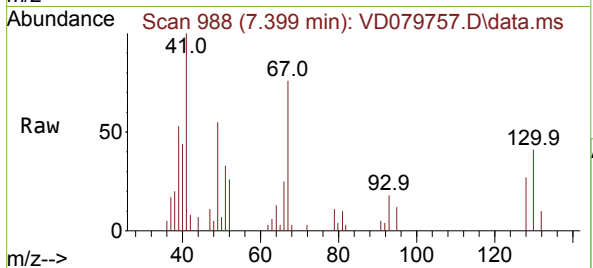
Tgt Ion: 78 Resp: 170855
Ion Ratio Lower Upper
78 100
77 26.1 18.1 27.1



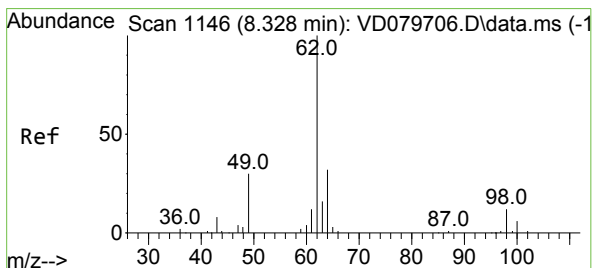
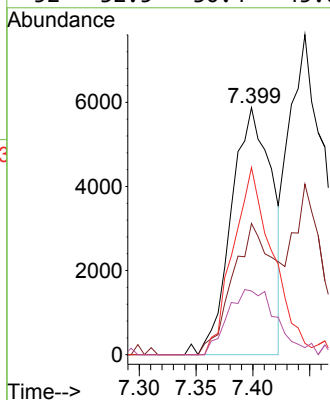
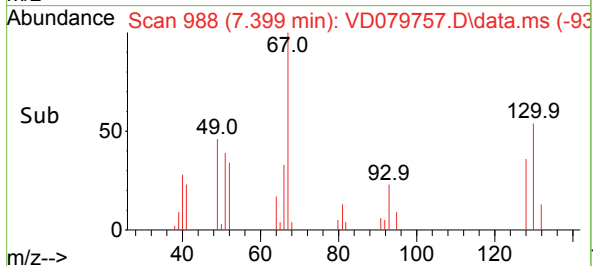


#41
Methacrylonitrile
Concen: 21.934 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

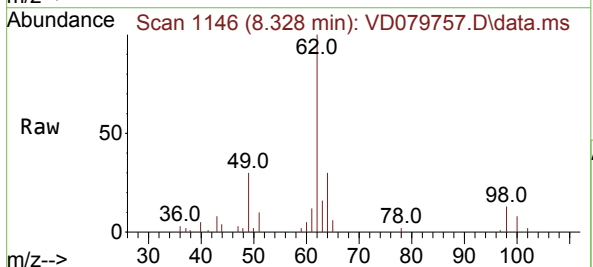
Instrument :
MSVOA_D
ClientSampleId :



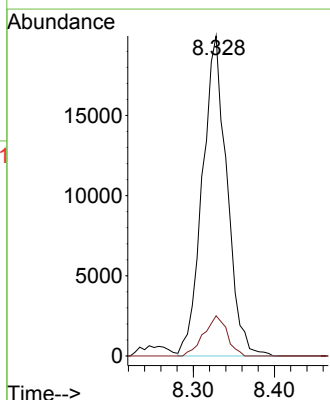
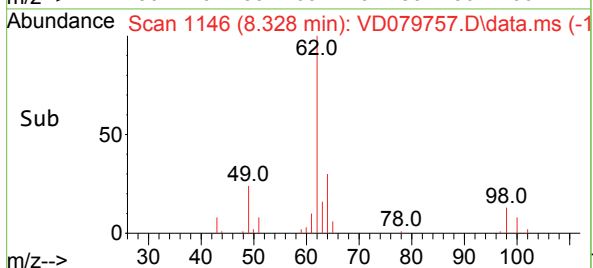
Tgt Ion:	41	Resp:	14622
Ion	Ratio	Lower	Upper
41	100		
39	57.4	41.4	62.0
67	73.9	85.8	128.6
52	32.5	30.4	45.6

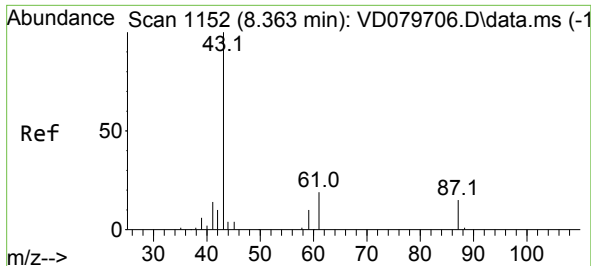


#42
1,2-Dichloroethane
Concen: 19.425 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13



Tgt Ion:	62	Resp:	41885
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	25.8





#43

Isopropyl Acetate

Concen: 20.731 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. -0.006 min

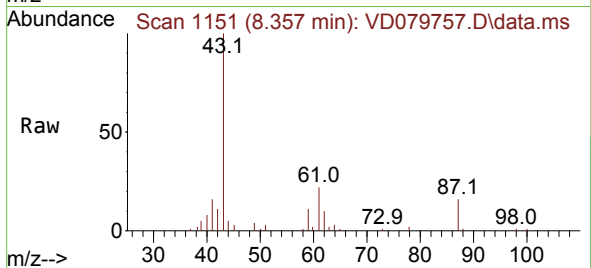
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

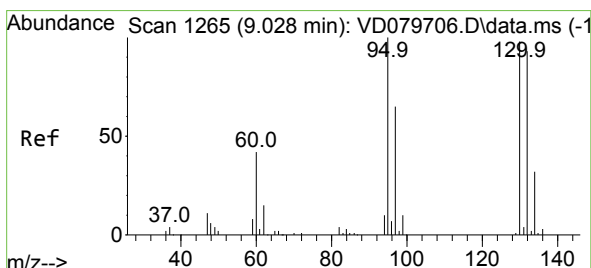
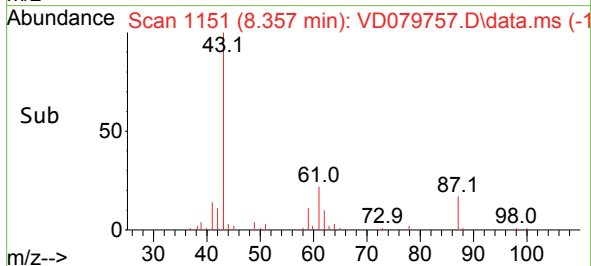
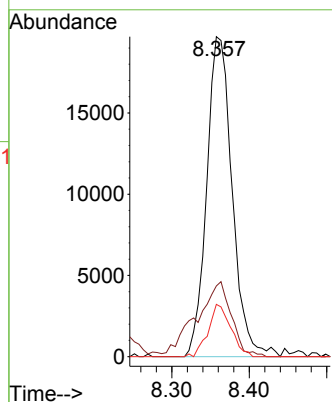
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	45056
Ion Ratio	Lower	Upper	
43	100		
61	32.2	29.3	43.9
87	14.5	14.9	22.3



#44

Trichloroethene

Concen: 18.617 ug/l

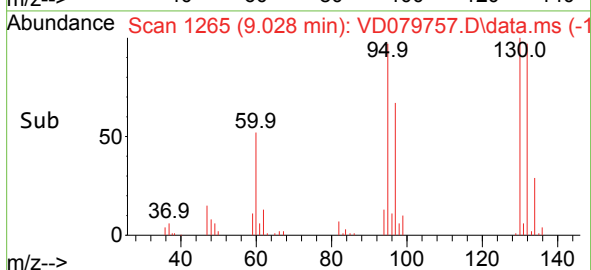
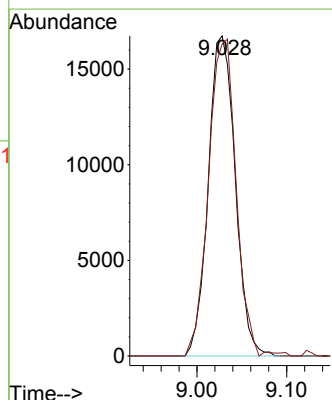
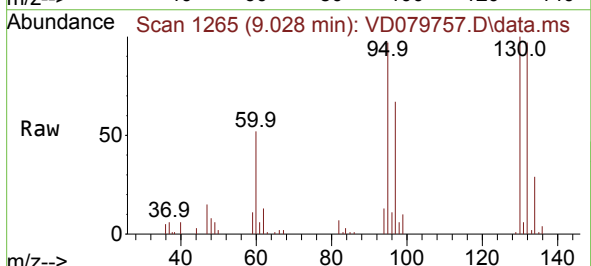
RT: 9.028 min Scan# 1265

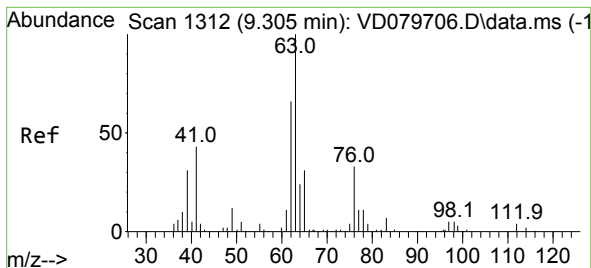
Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Tgt Ion:	130	Resp:	34930
Ion Ratio	Lower	Upper	
130	100		
95	97.4	0.0	177.8





#45

1,2-Dichloropropane

Concen: 19.512 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

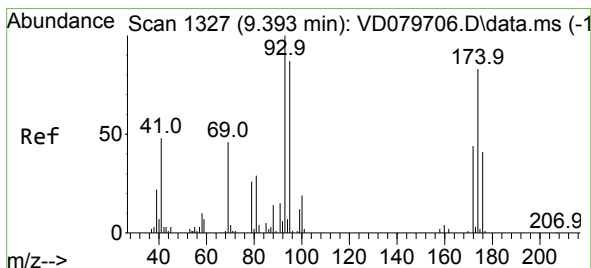
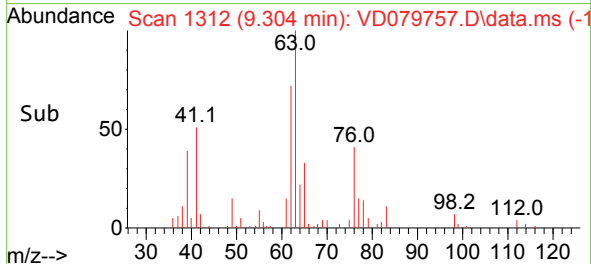
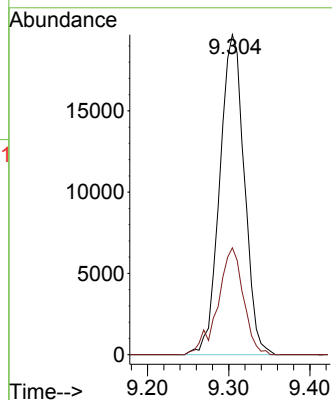
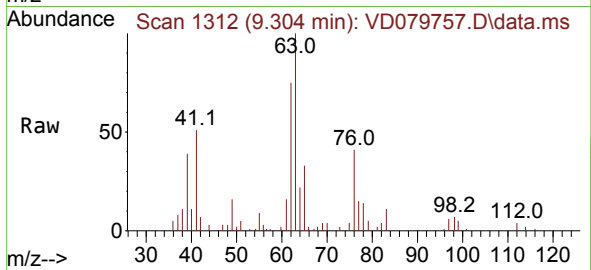
ClientSampleId :

Tgt Ion: 63 Resp: 41412

Ion Ratio Lower Upper

63 100

65 33.4 23.8 35.8



#46

Dibromomethane

Concen: 19.531 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

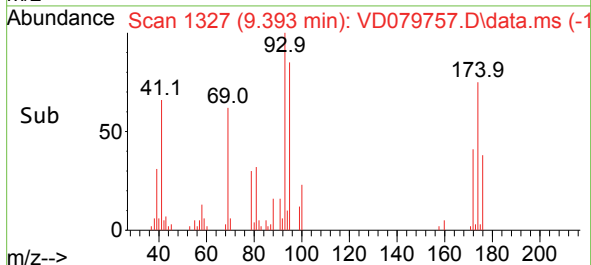
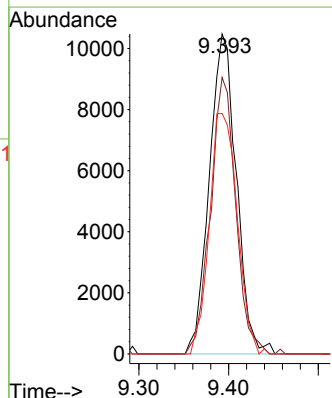
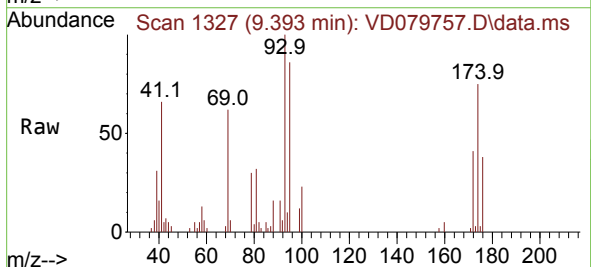
Tgt Ion: 93 Resp: 21927

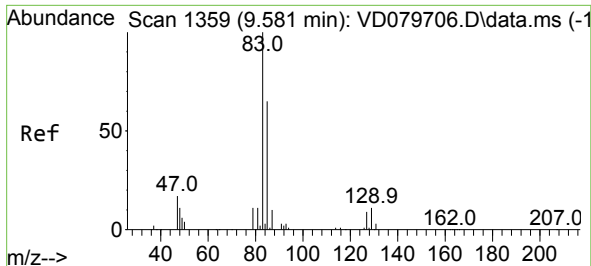
Ion Ratio Lower Upper

93 100

95 80.5 65.6 98.4

174 77.7 82.3 123.5





#47

Bromodichloromethane

Concen: 19.463 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

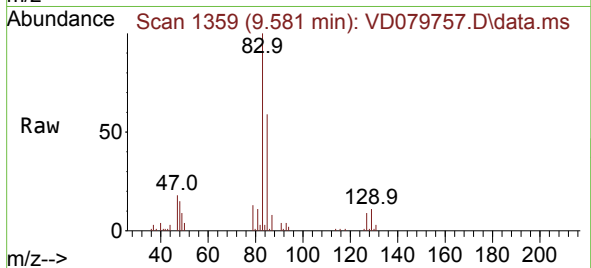
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :



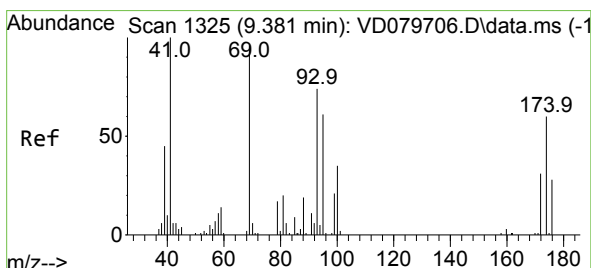
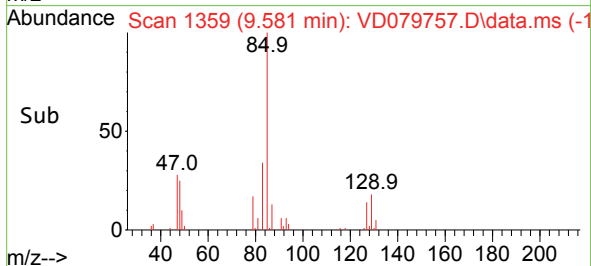
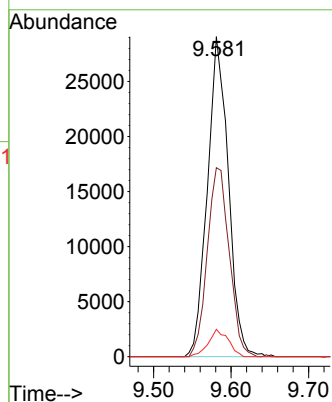
Tgt Ion: 83 Resp: 54569

Ion Ratio Lower Upper

83 100

85 59.1 50.1 75.1

127 8.6 6.8 10.2



#48

Methyl methacrylate

Concen: 18.865 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

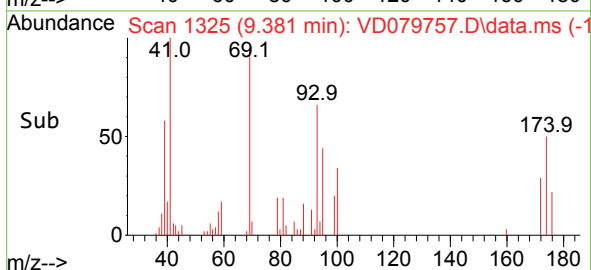
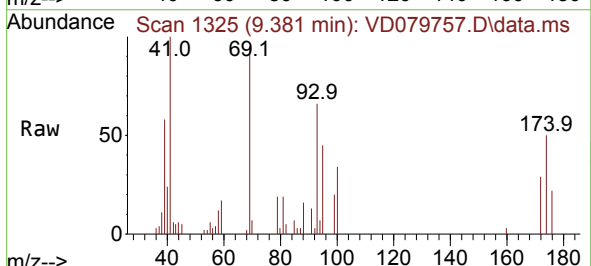
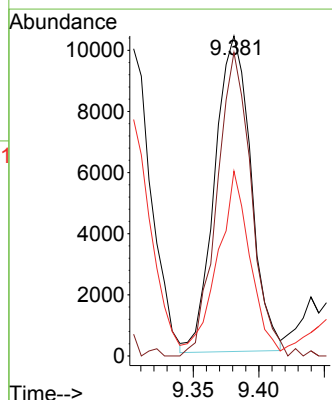
Tgt Ion: 41 Resp: 19789

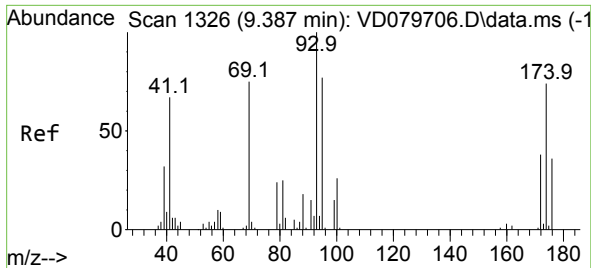
Ion Ratio Lower Upper

41 100

69 92.2 96.7 145.1#

39 49.4 43.8 65.6





#49

1,4-Dioxane

Concen: 354.720 ug/l

RT: 9.387 min Scan# 11

Delta R.T. -0.000 min

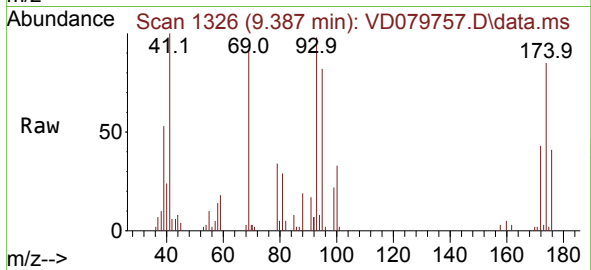
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :



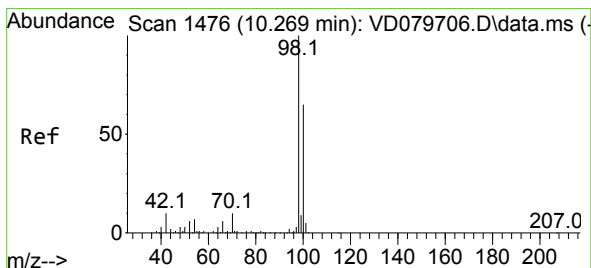
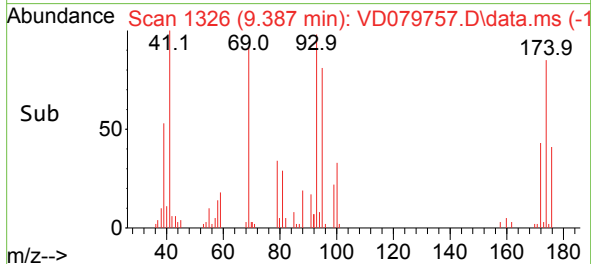
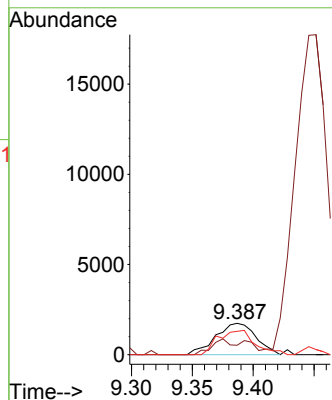
Tgt Ion: 88 Resp: 4001

Ion Ratio Lower Upper

88 100

43 27.5 21.5 32.3

58 71.0 42.2 63.4#



#50

Toluene-d8

Concen: 43.530 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079757.D

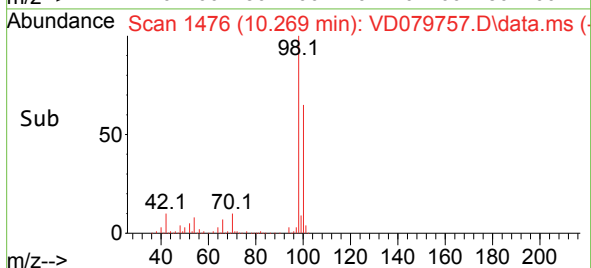
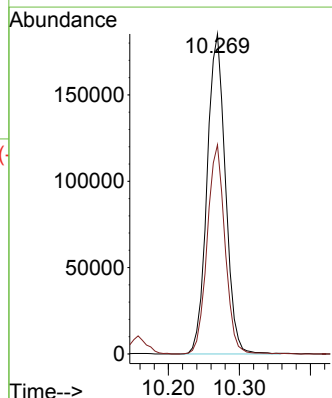
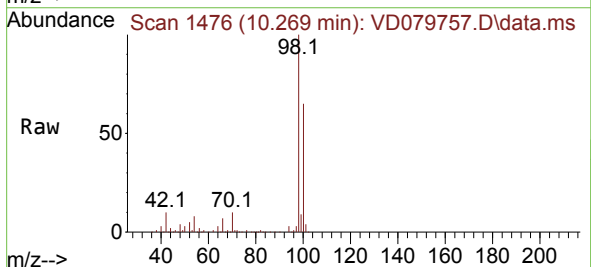
Acq: 30 Aug 2024 16:13

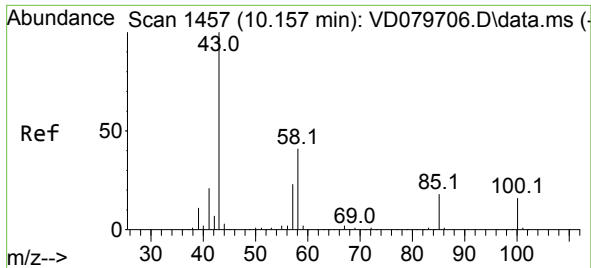
Tgt Ion: 98 Resp: 332042

Ion Ratio Lower Upper

98 100

100 63.7 51.6 77.4

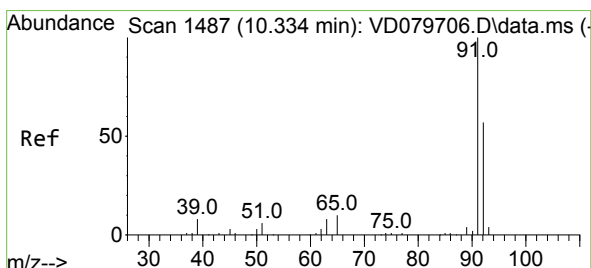
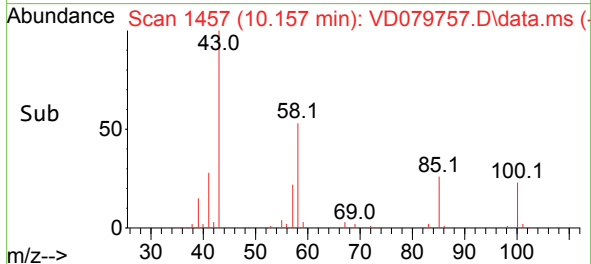
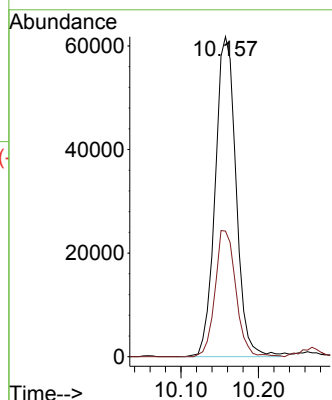
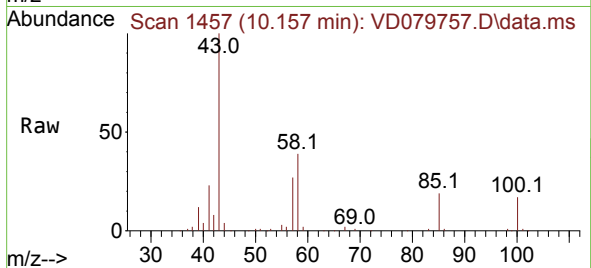




#51
4-Methyl-2-Pentanone
Concen: 101.651 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

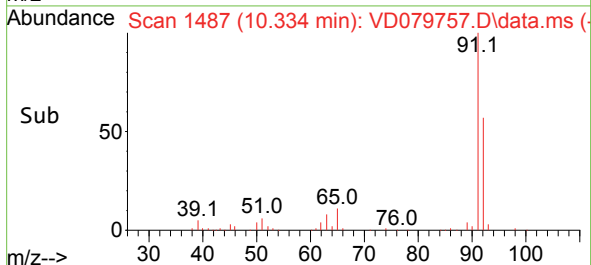
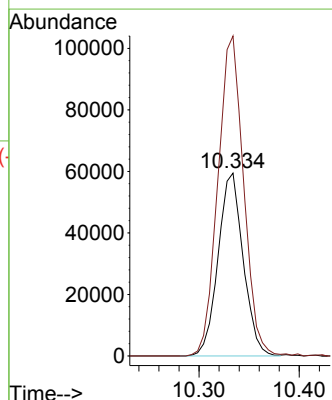
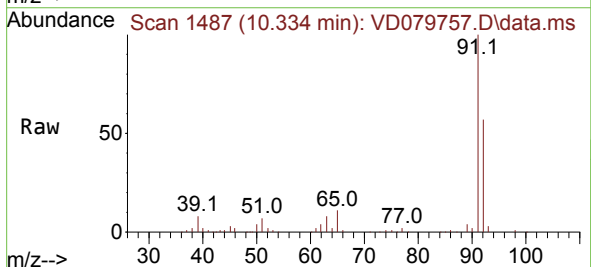
Instrument :
MSVOA_D
ClientSampleId :

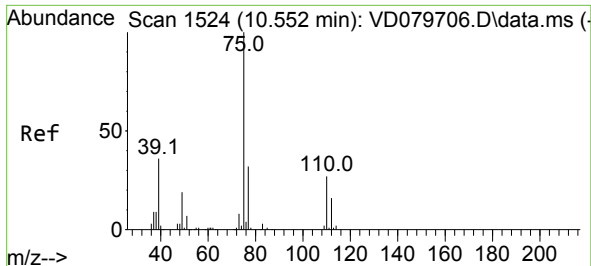
Tgt Ion: 43 Resp: 115399
Ion Ratio Lower Upper
43 100
58 39.3 36.6 55.0



#52
Toluene
Concen: 19.440 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 92 Resp: 103365
Ion Ratio Lower Upper
92 100
91 179.6 141.7 212.5

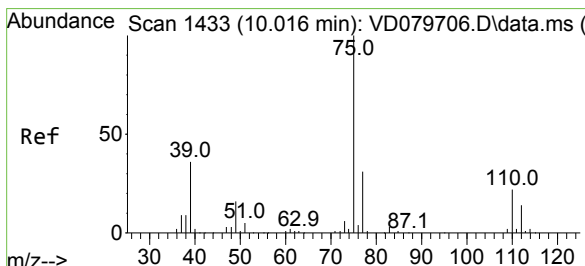
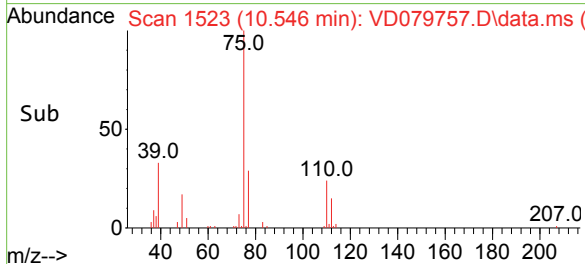
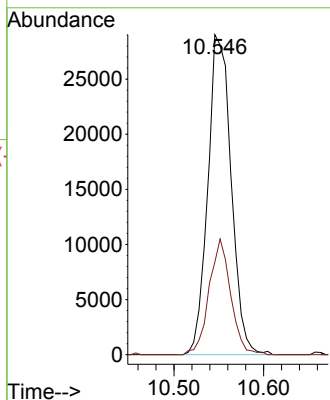
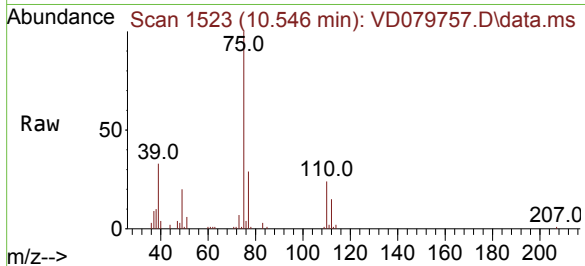




#53
 t-1,3-Dichloropropene
 Concen: 19.866 ug/l
 RT: 10.546 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD079757.D
 Acq: 30 Aug 2024 16:13

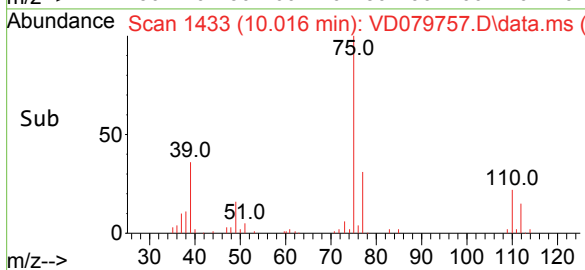
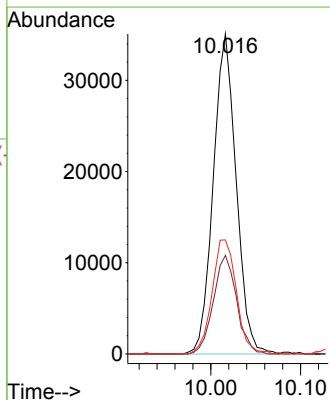
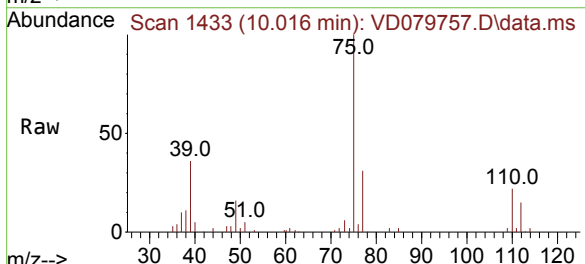
Instrument :
 MSVOA_D
 ClientSampleId :

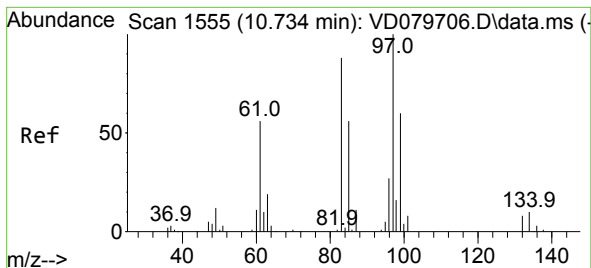
Tgt Ion: 75 Resp: 52510
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.734 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD079757.D
 Acq: 30 Aug 2024 16:13

Tgt Ion: 75 Resp: 62131
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.4 36.6
 39 35.7 24.2 36.2





#55

1,1,2-Trichloroethane

Concen: 19.153 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 28130

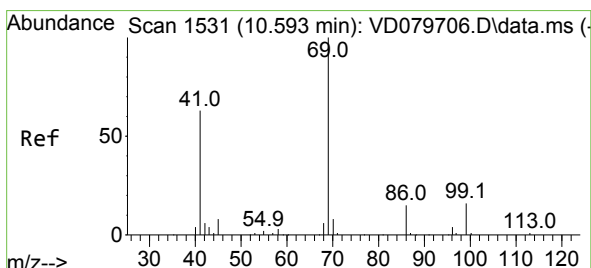
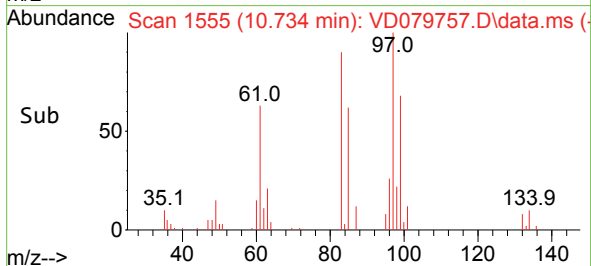
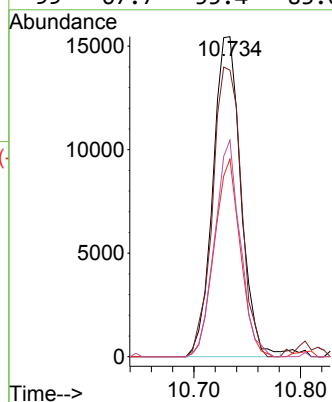
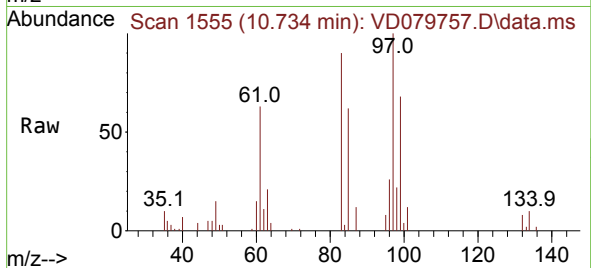
Ion Ratio Lower Upper

97 100

83 89.6 65.8 98.8

85 61.7 43.8 65.8

99 67.7 55.4 83.0



#56

Ethyl methacrylate

Concen: 19.505 ug/l

RT: 10.593 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

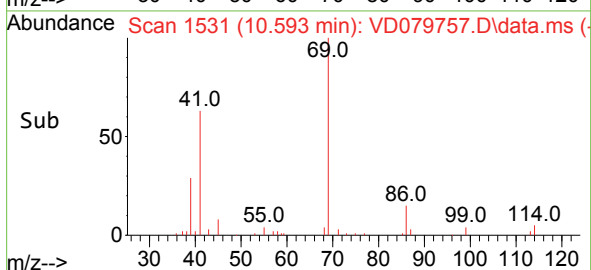
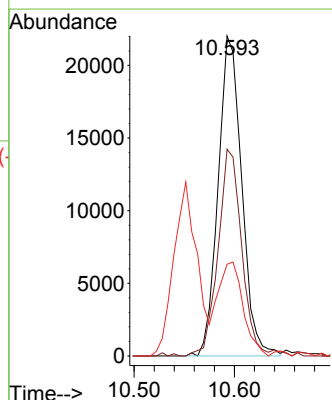
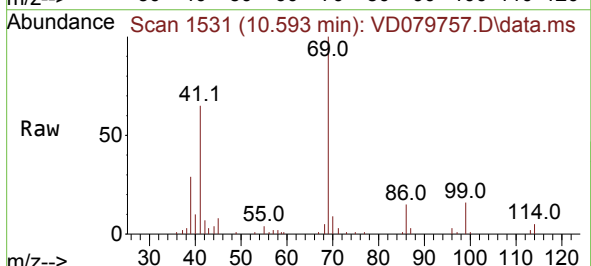
Tgt Ion: 69 Resp: 35896

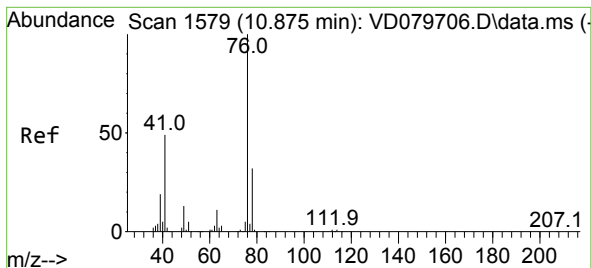
Ion Ratio Lower Upper

69 100

41 65.4 39.8 59.6#

39 31.4 20.2 30.4#





#57

1,3-Dichloropropane

Concen: 19.349 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.000 min

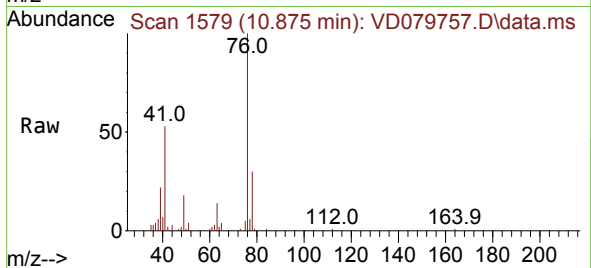
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

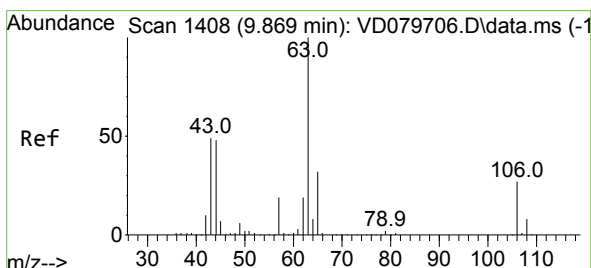
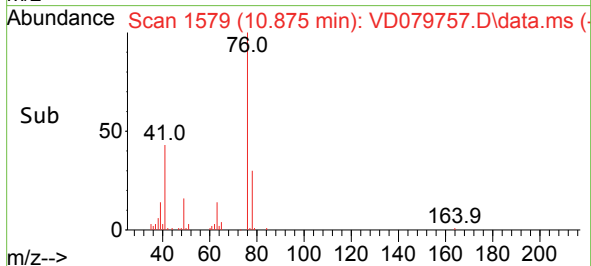
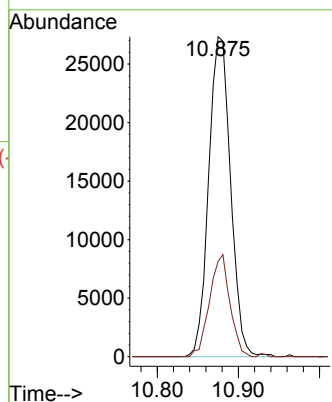


Tgt Ion: 76 Resp: 51229

Ion Ratio Lower Upper

76 100

78 29.6 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 106.245 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD079757.D

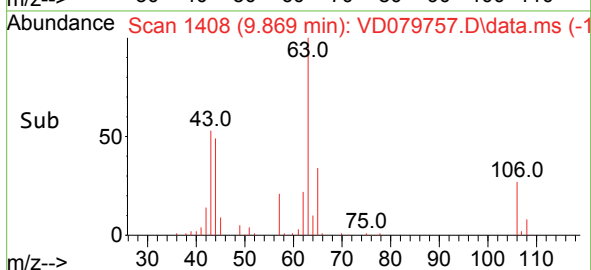
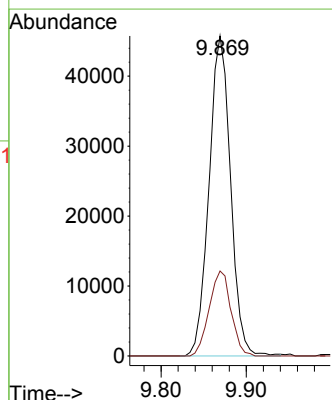
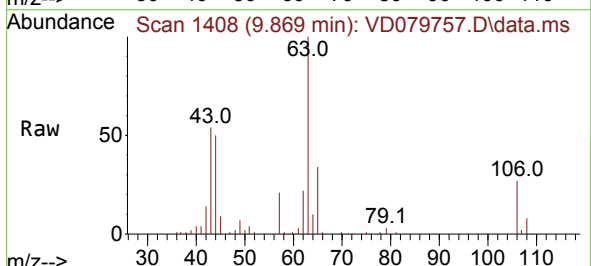
Acq: 30 Aug 2024 16:13

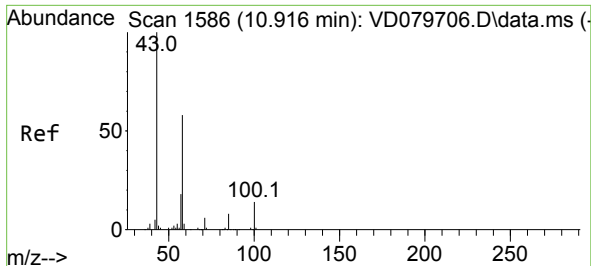
Tgt Ion: 63 Resp: 80448

Ion Ratio Lower Upper

63 100

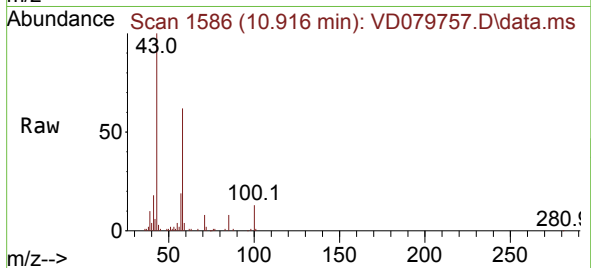
106 26.9 26.4 39.6



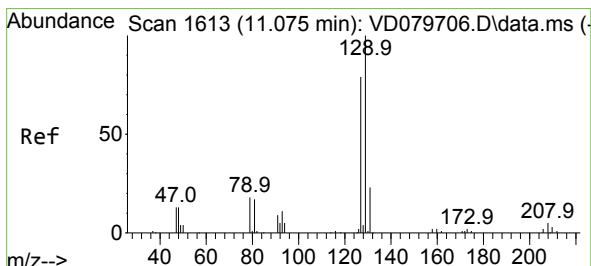
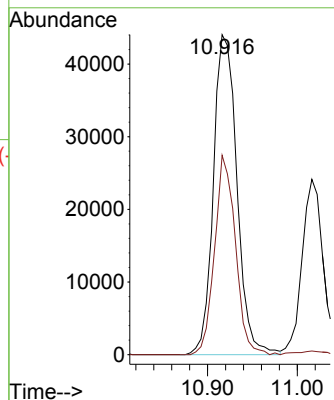
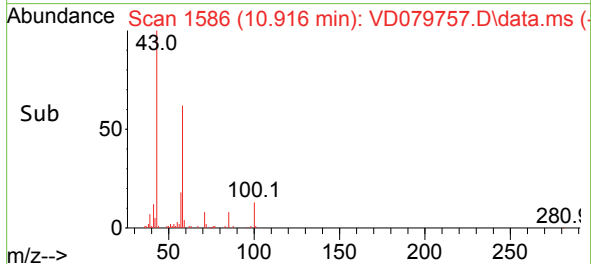


#59
2-Hexanone
Concen: 104.362 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

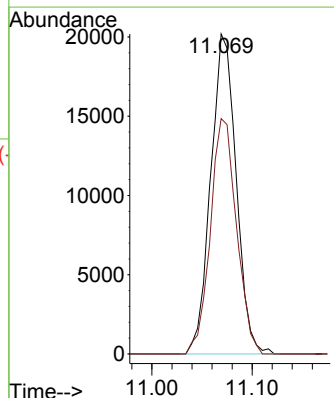
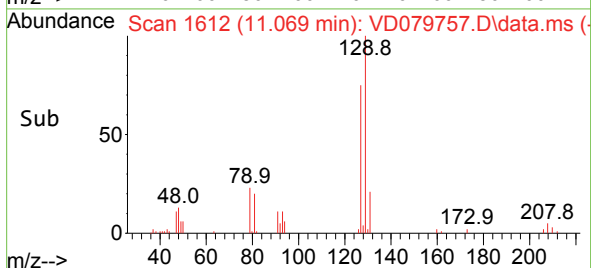
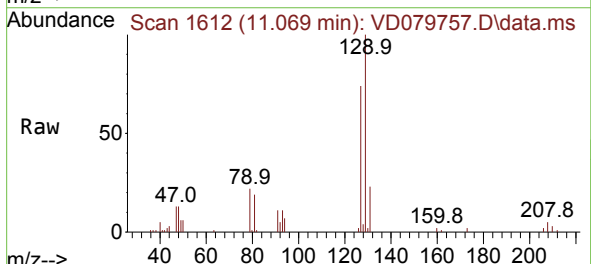


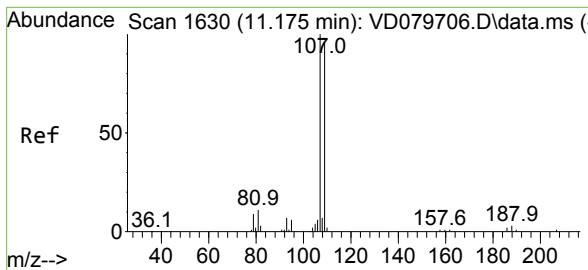
Tgt Ion: 43 Resp: 80280
Ion Ratio Lower Upper
43 100
58 55.1 31.1 93.5



#60
Dibromochloromethane
Concen: 19.702 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 129 Resp: 35593
Ion Ratio Lower Upper
129 100
127 75.5 38.0 113.9

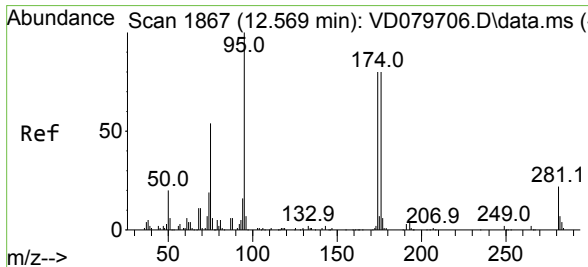
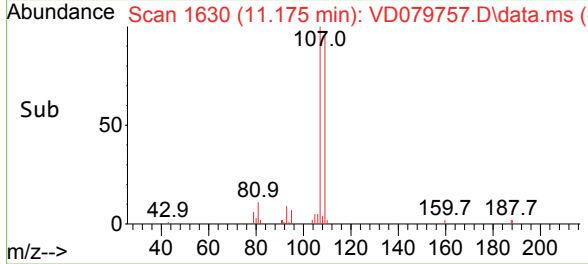
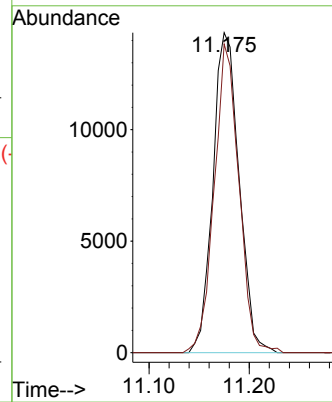
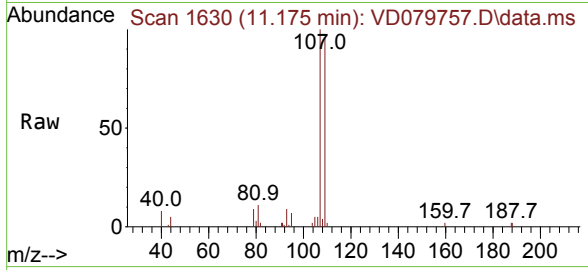




#61
1,2-Dibromoethane
Concen: 20.242 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

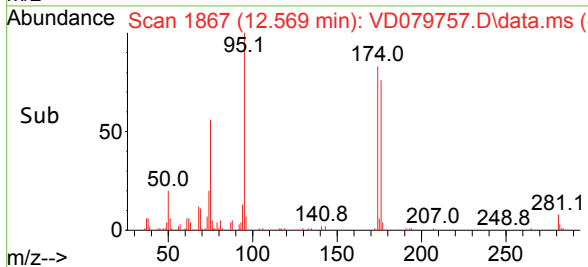
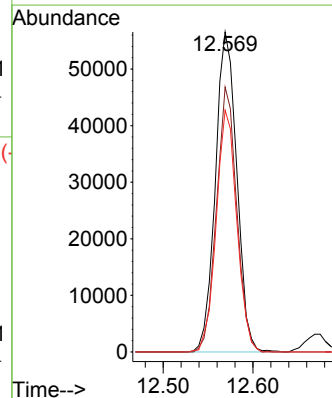
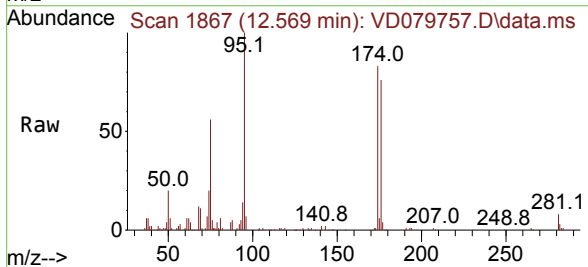
Instrument :
MSVOA_D
ClientSampleId :

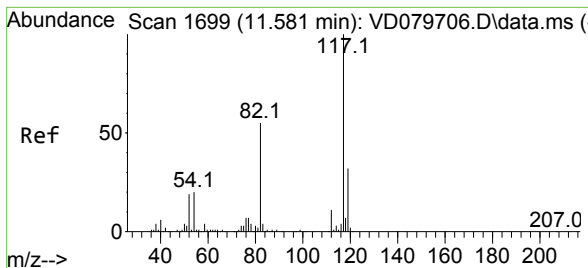
Tgt Ion:107 Resp: 26055
Ion Ratio Lower Upper
107 100
109 90.8 72.0 108.0



#62
4-Bromofluorobenzene
Concen: 43.847 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 95 Resp: 93584
Ion Ratio Lower Upper
95 100
174 78.5 0.0 195.4
176 72.8 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

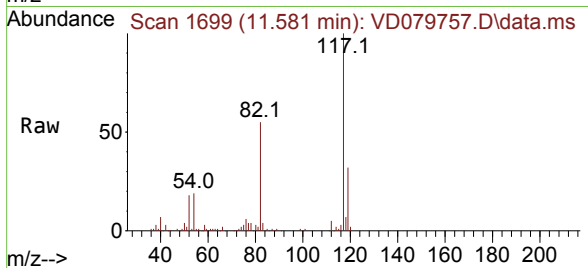
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :



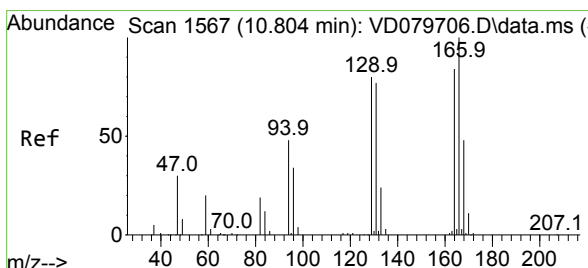
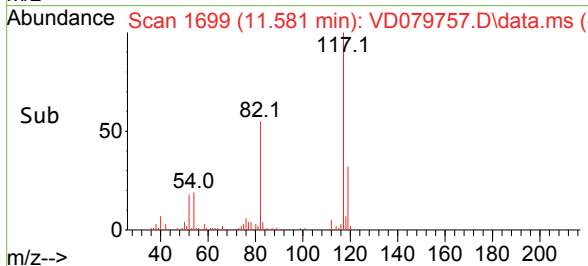
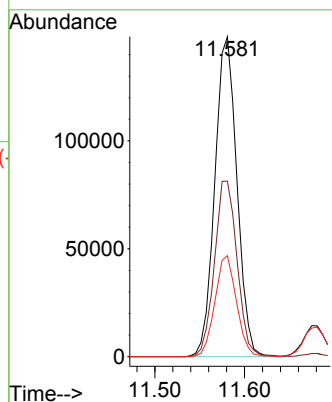
Tgt Ion:117 Resp: 253736

Ion Ratio Lower Upper

117 100

82 54.8 39.8 59.6

119 31.5 25.7 38.5



#64

Tetrachloroethene

Concen: 19.003 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Tgt Ion:164 Resp: 28324

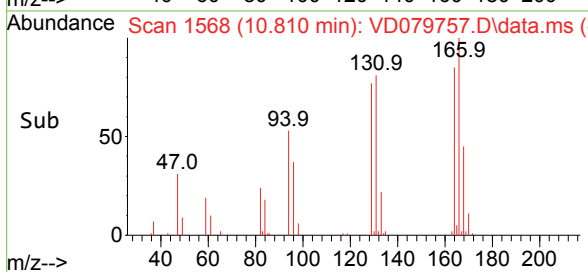
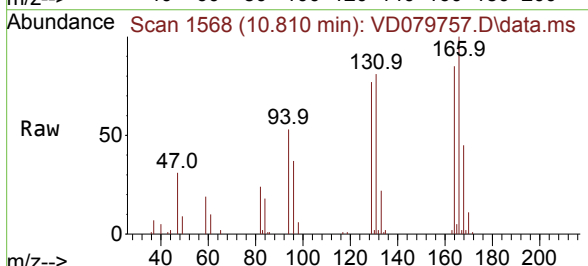
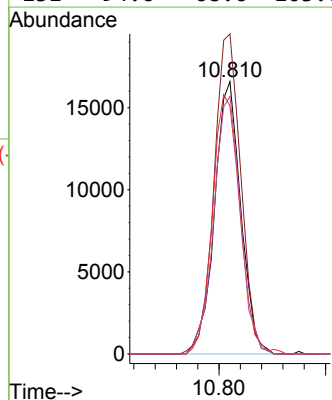
Ion Ratio Lower Upper

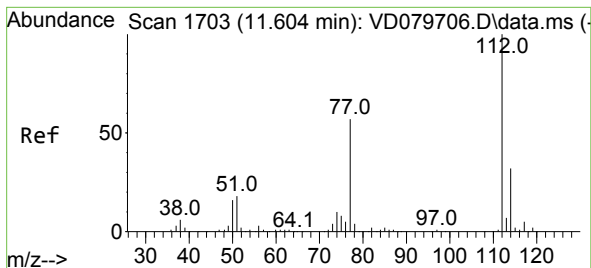
164 100

166 117.5 108.6 163.0

129 91.0 74.6 112.0

131 94.6 68.6 103.0





#65

Chlorobenzene

Concen: 19.507 ug/l

RT: 11.604 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

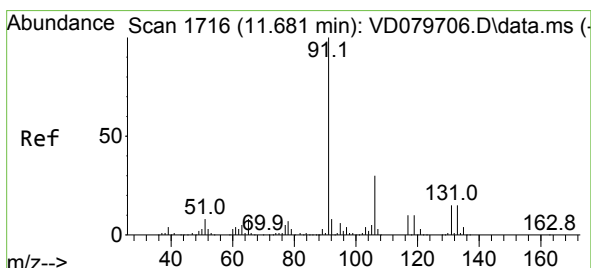
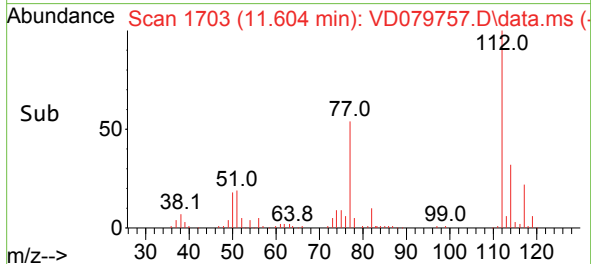
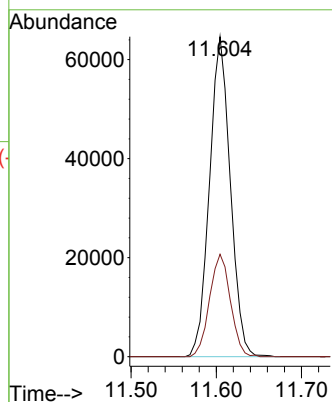
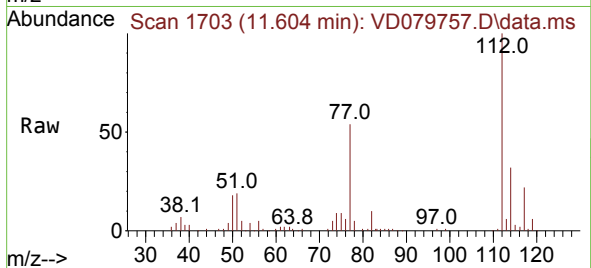
ClientSampleId :

Tgt Ion:112 Resp: 109821

Ion Ratio Lower Upper

112 100

114 32.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 18.240 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

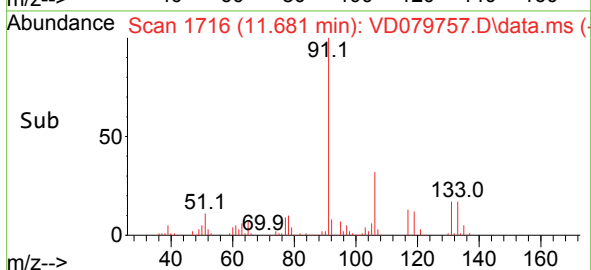
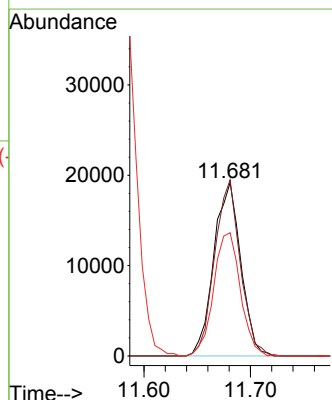
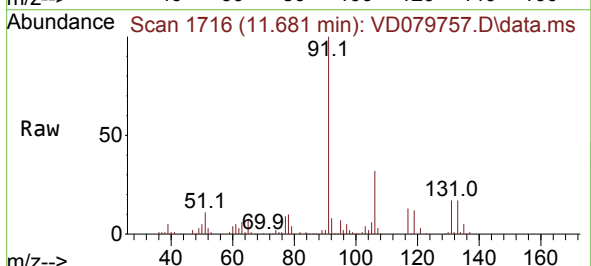
Tgt Ion:131 Resp: 33732

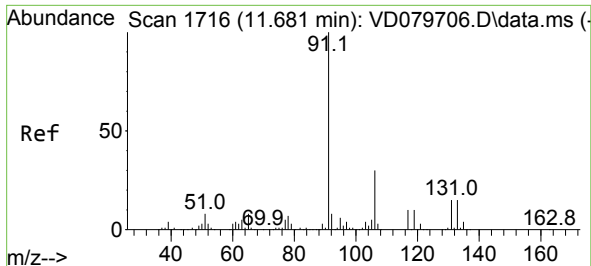
Ion Ratio Lower Upper

131 100

133 96.4 49.2 147.6

119 70.7 33.4 100.2

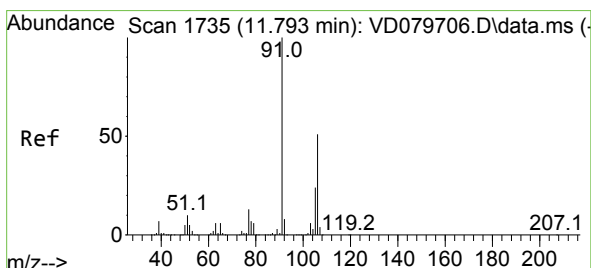
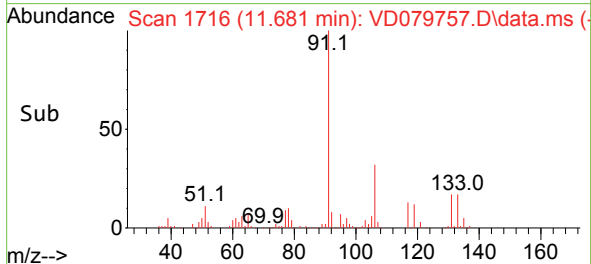
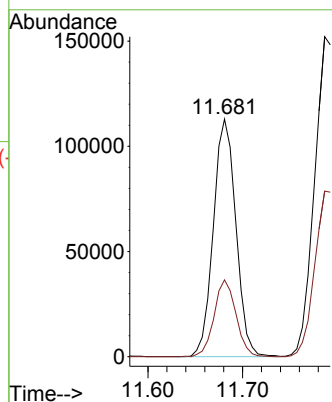
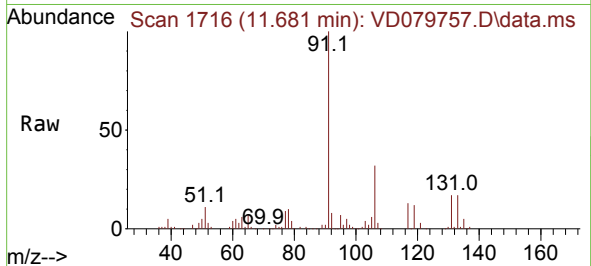




#67
Ethyl Benzene
Concen: 18.833 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

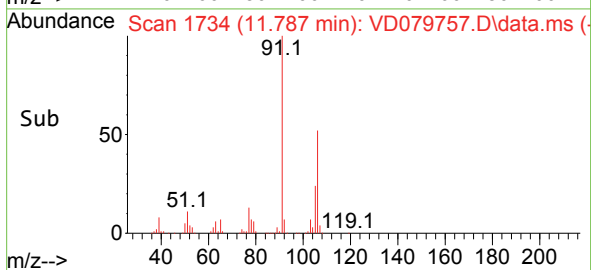
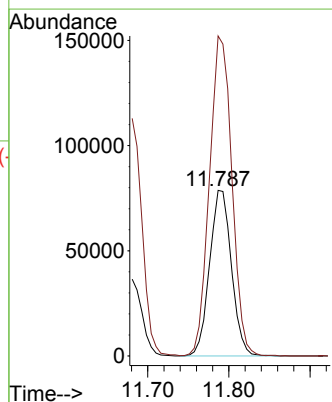
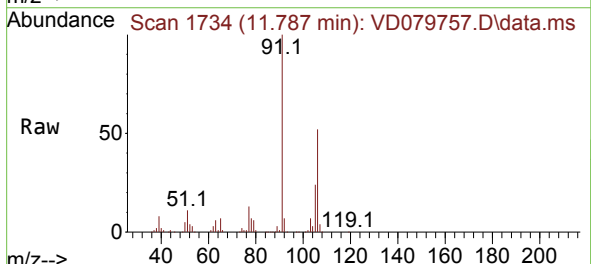
Instrument :
MSVOA_D
ClientSampleId :

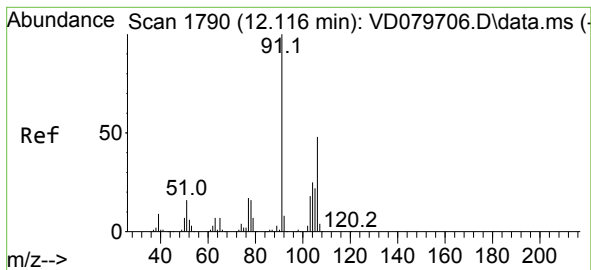
Tgt Ion: 91 Resp: 186905
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.6



#68
m/p-Xylenes
Concen: 38.578 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion:106 Resp: 146975
Ion Ratio Lower Upper
106 100
91 199.0 148.5 222.7





#69

o-Xylene

Concen: 18.439 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

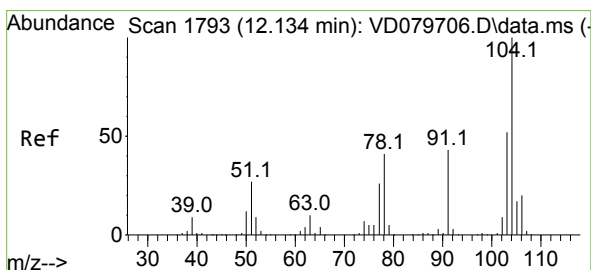
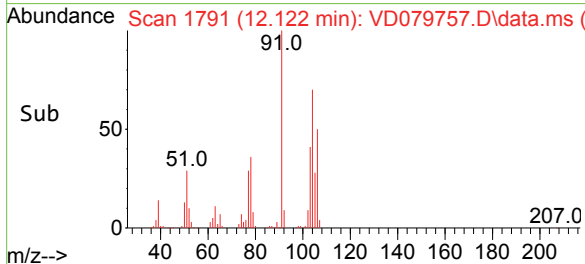
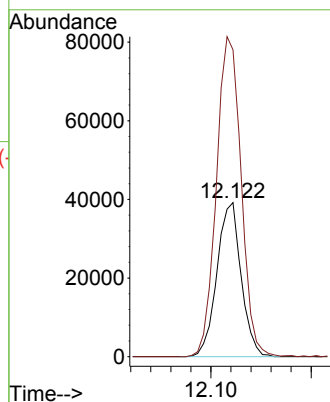
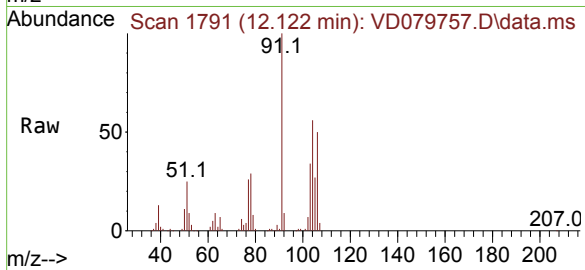
ClientSampleId :

Tgt Ion:106 Resp: 65472

Ion Ratio Lower Upper

106 100

91 212.6 96.7 290.1



#70

Styrene

Concen: 19.456 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

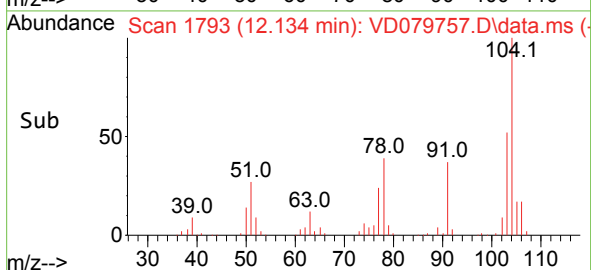
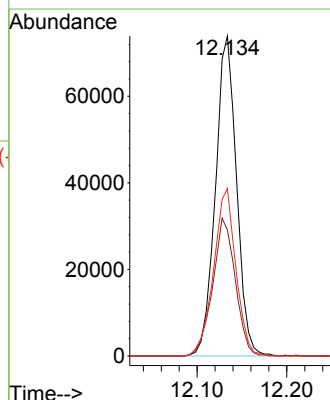
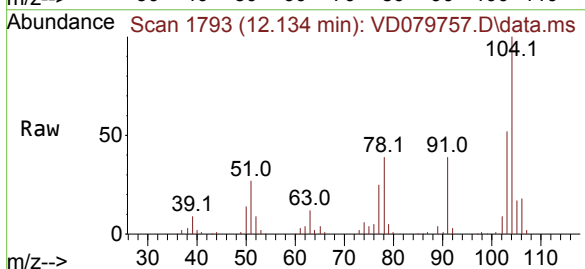
Tgt Ion:104 Resp: 120585

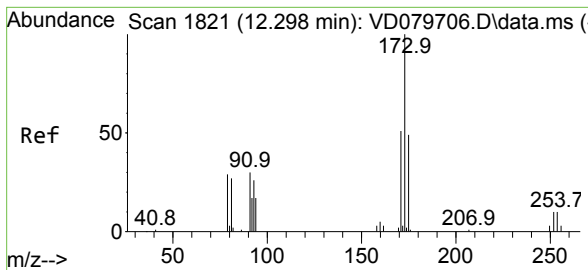
Ion Ratio Lower Upper

104 100

78 46.2 33.0 49.6

103 55.1 44.2 66.4

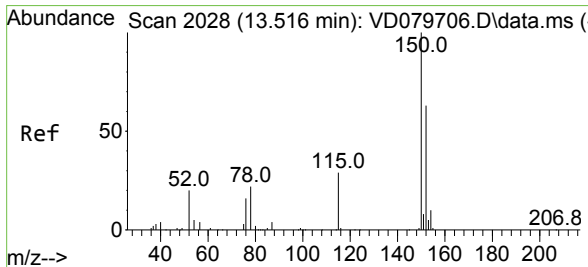
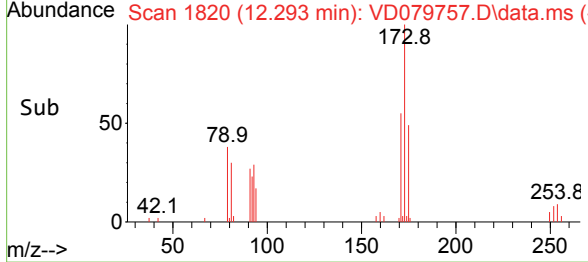
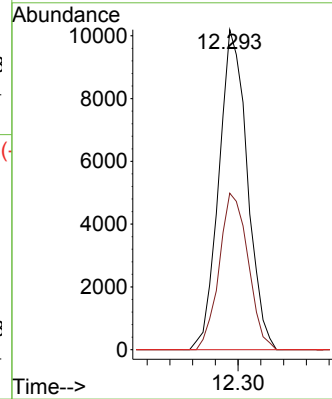
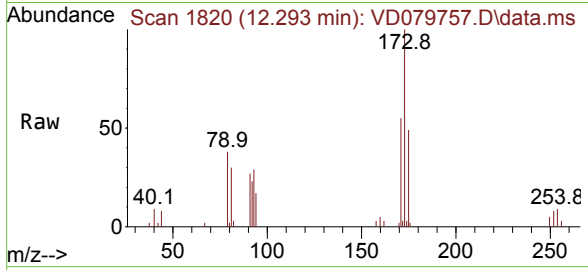




#71
Bromoform
Concen: 19.130 ug/l
RT: 12.293 min Scan# 1820
Delta R.T. -0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

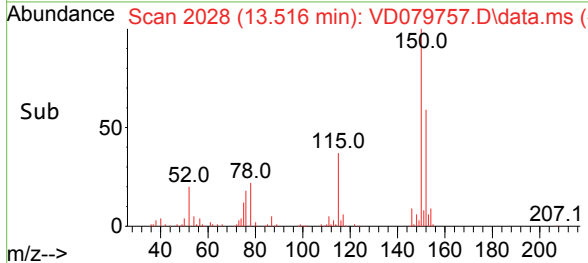
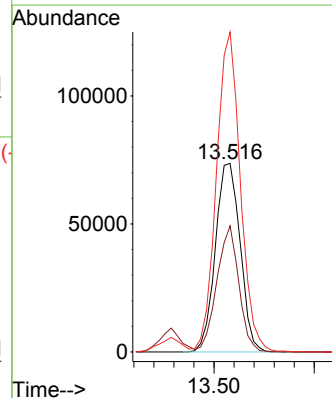
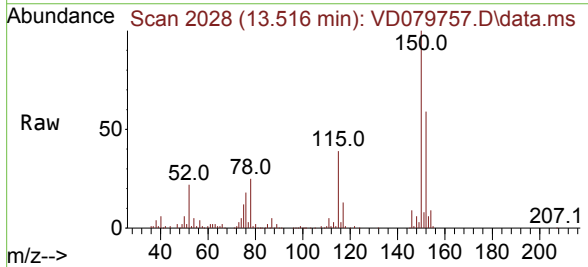
Instrument :
MSVOA_D
ClientSampleId :

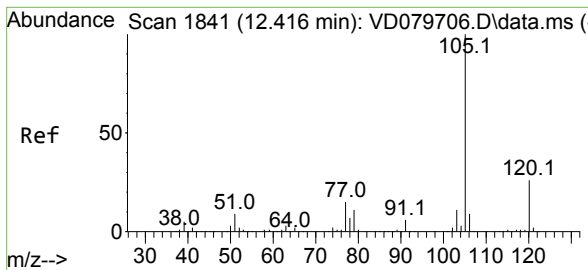
Tgt Ion:173 Resp: 17742
Ion Ratio Lower Upper
173 100
175 49.6 23.7 71.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion:152 Resp: 126289
Ion Ratio Lower Upper
152 100
115 59.5 26.5 79.5
150 164.4 0.0 341.6

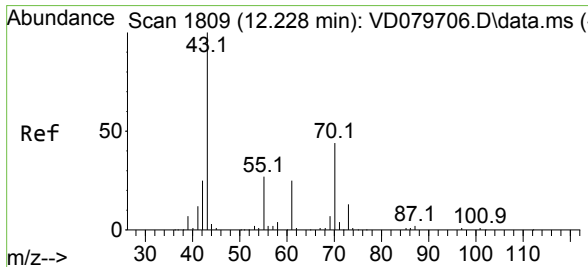
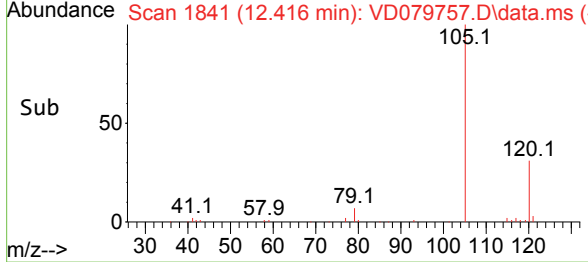
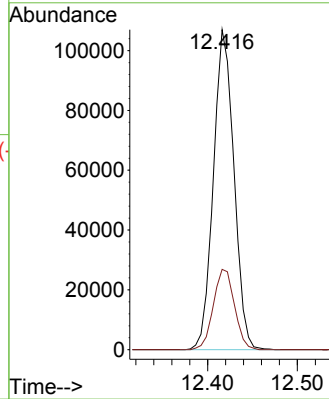
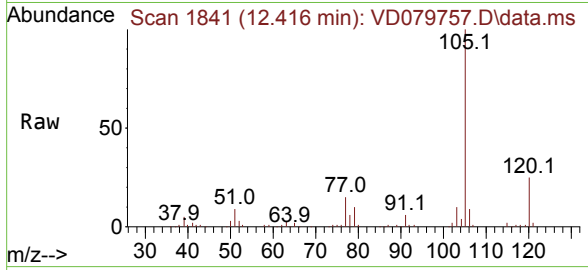




#73
Isopropylbenzene
Concen: 18.900 ug/l
RT: 12.416 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

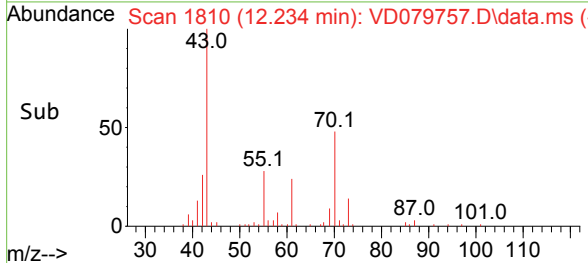
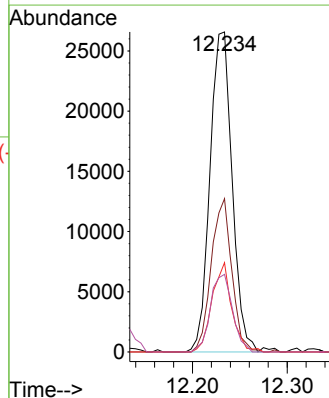
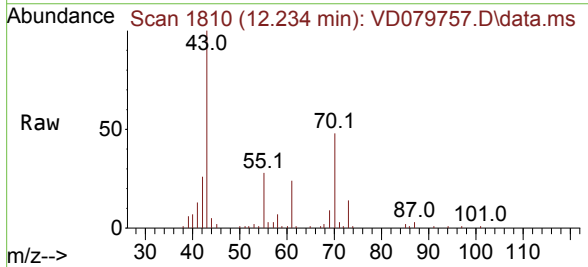
Instrument :
MSVOA_D
ClientSampleId :

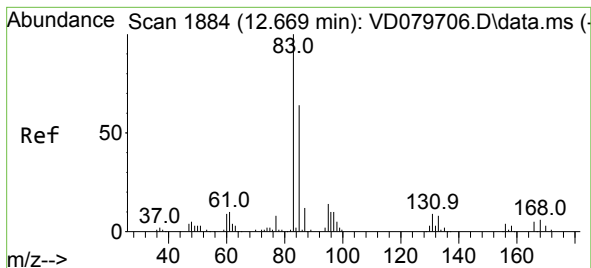
Tgt Ion:105 Resp: 169880
Ion Ratio Lower Upper
105 100
120 25.8 13.6 40.7



#74
N-ethyl acetate
Concen: 20.386 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion: 43 Resp: 43549
Ion Ratio Lower Upper
43 100
70 44.2 44.3 66.5#
55 24.8 23.2 34.8
61 24.0 24.2 36.4#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.711 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

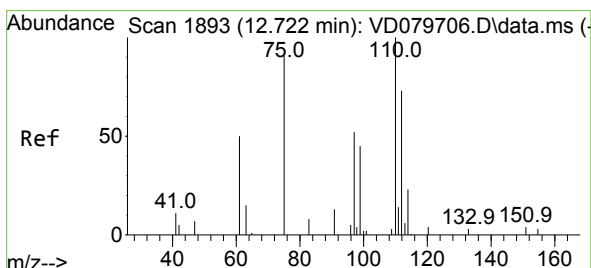
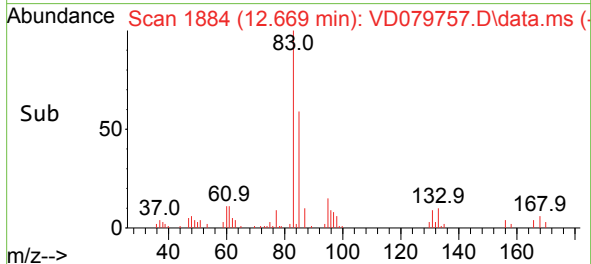
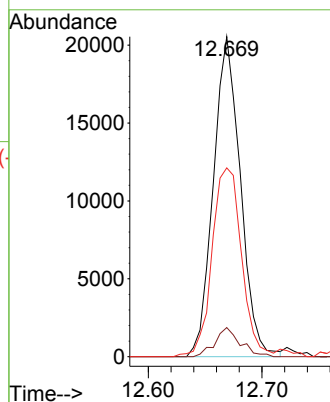
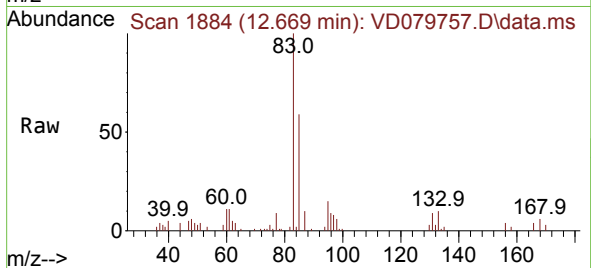
Tgt Ion: 83 Resp: 34009

Ion Ratio Lower Upper

83 100

131 8.5 5.5 16.5

85 64.1 33.8 101.3



#76

1,2,3-Trichloropropane

Concen: 39.053 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD079757.D

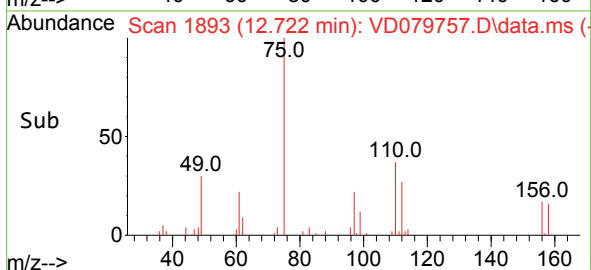
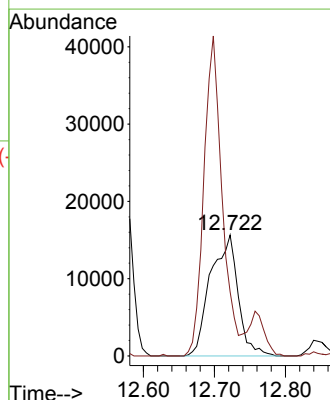
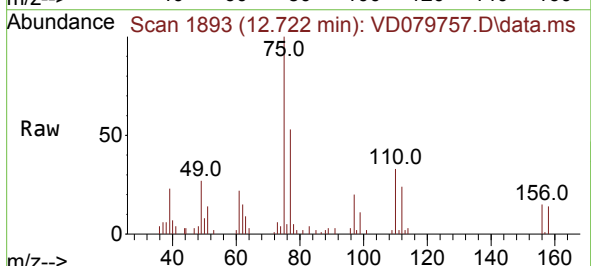
Acq: 30 Aug 2024 16:13

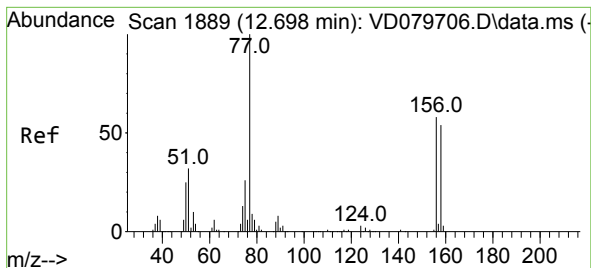
Tgt Ion: 75 Resp: 42153

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.256 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

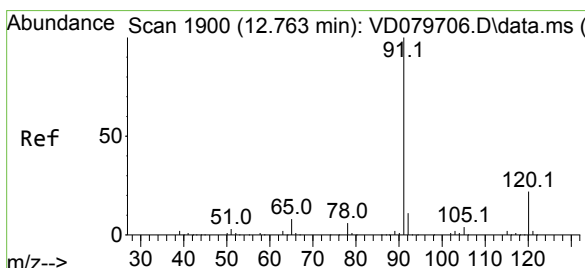
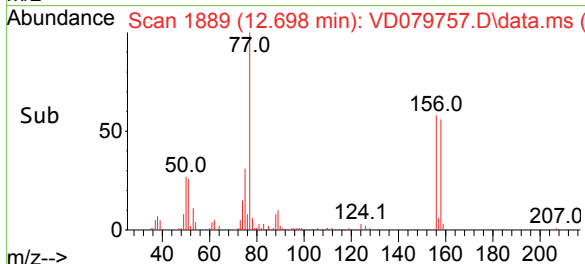
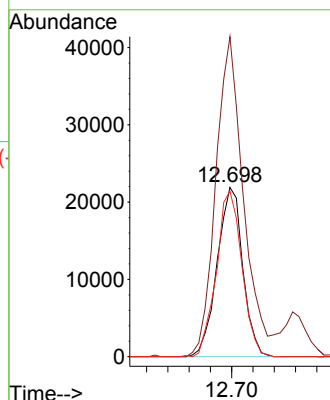
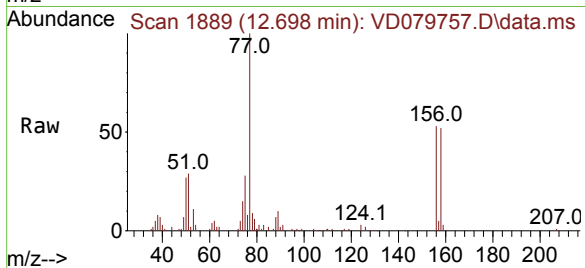
Tgt Ion:156 Resp: 36520

Ion Ratio Lower Upper

156 100

77 205.0 77.3 231.9

158 97.7 49.6 149.0



#78

n-propylbenzene

Concen: 19.384 ug/l

RT: 12.757 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VD079757.D

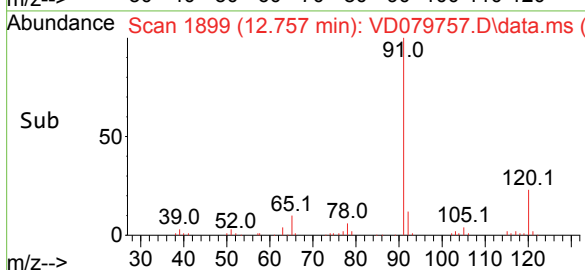
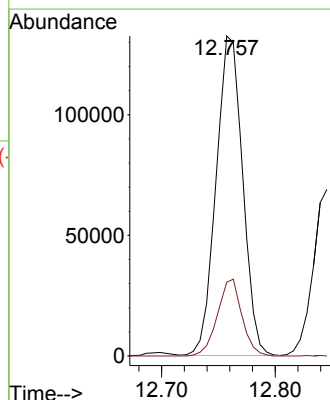
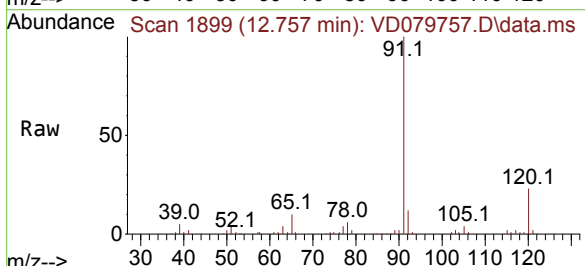
Acq: 30 Aug 2024 16:13

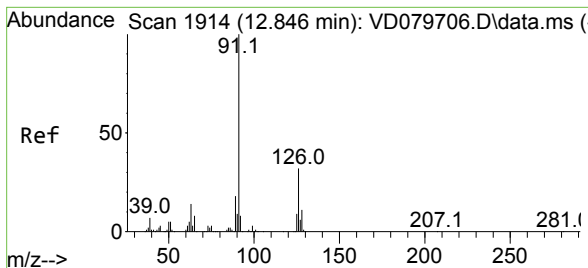
Tgt Ion: 91 Resp: 215295

Ion Ratio Lower Upper

91 100

120 22.2 12.3 36.8

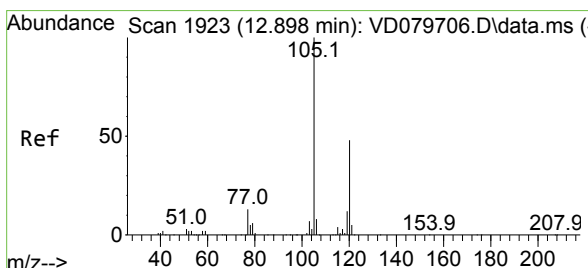
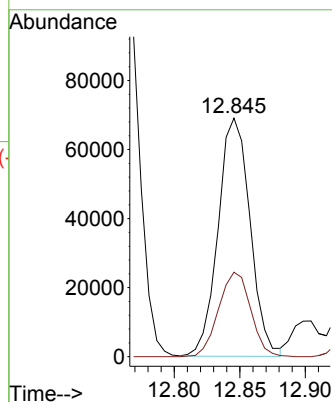
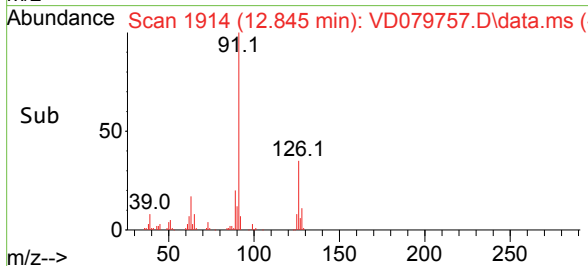
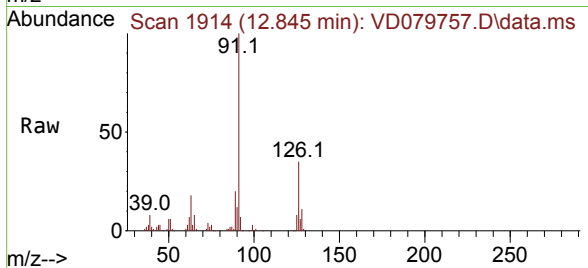




#79
2-Chlorotoluene
Concen: 18.939 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

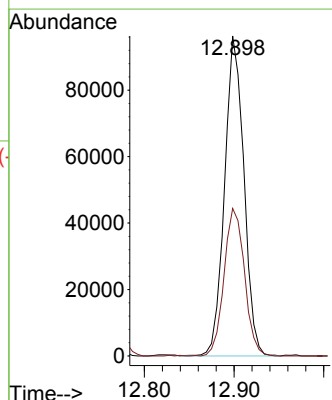
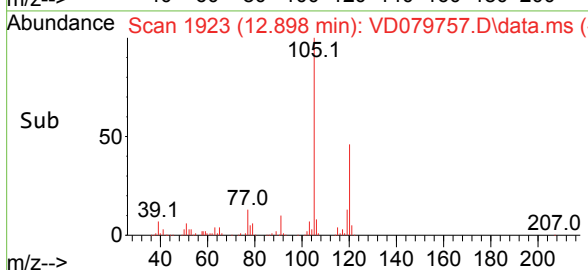
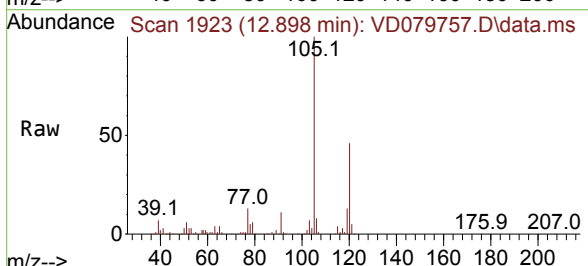
Instrument :
MSVOA_D
ClientSampleId :

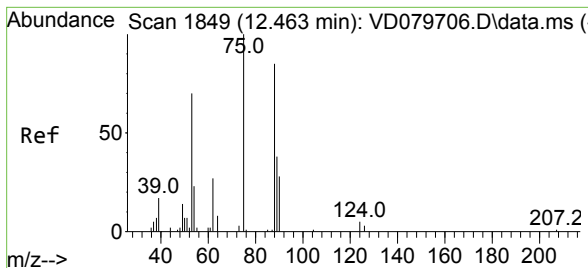
Tgt Ion: 91 Resp: 117180
Ion Ratio Lower Upper
91 100
126 35.5 19.3 57.8



#80
1,3,5-Trimethylbenzene
Concen: 19.278 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion:105 Resp: 144053
Ion Ratio Lower Upper
105 100
120 48.8 25.7 77.1

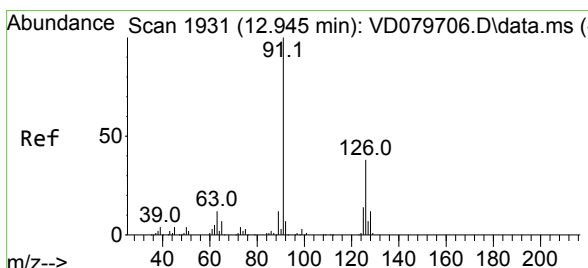
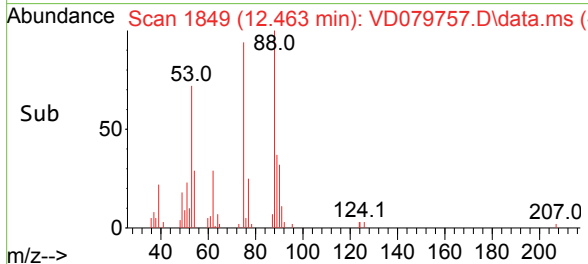
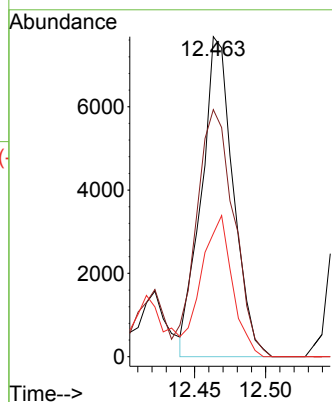
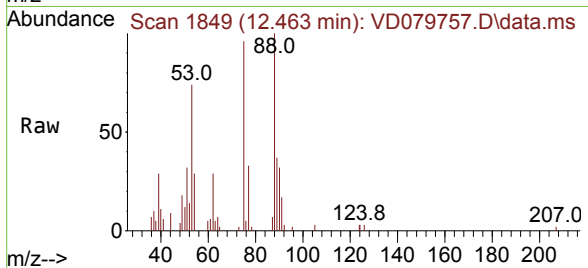




#81
trans-1,4-Dichloro-2-butene
Concen: 18.521 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

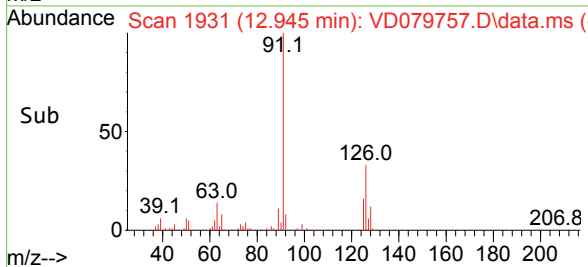
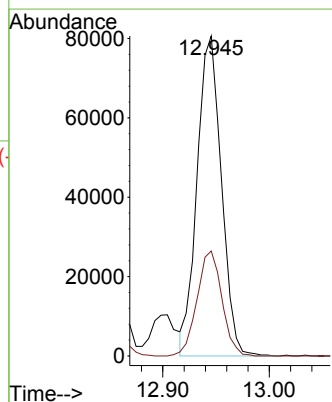
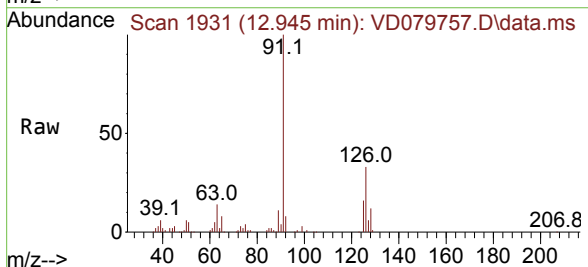
Instrument :
MSVOA_D
ClientSampleId :

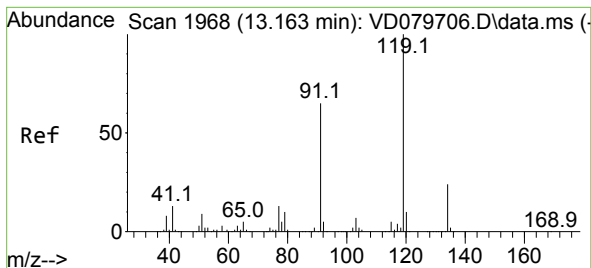
Tgt Ion: 75 Resp: 11986
Ion Ratio Lower Upper
75 100
53 91.0 61.4 92.2
89 43.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 19.856 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

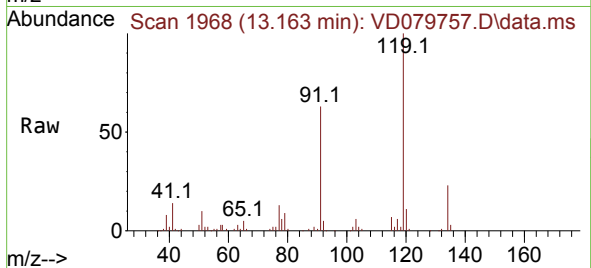
Tgt Ion: 91 Resp: 127967
Ion Ratio Lower Upper
91 100
126 33.5 18.9 56.9



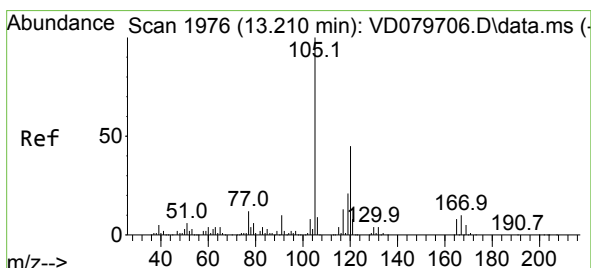
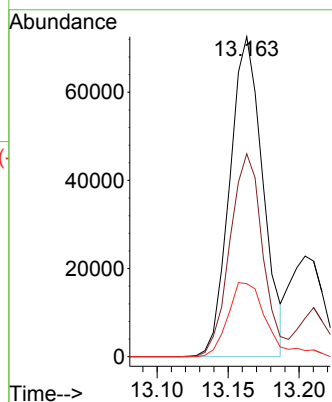
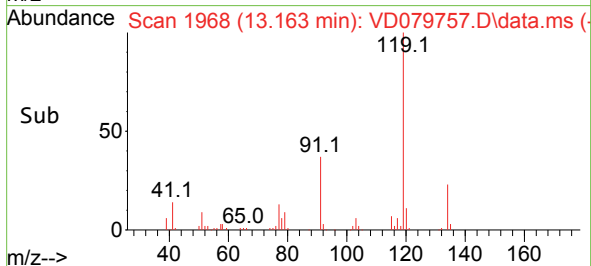


#83
tert-Butylbenzene
Concen: 18.970 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Instrument :
MSVOA_D
ClientSampleId :

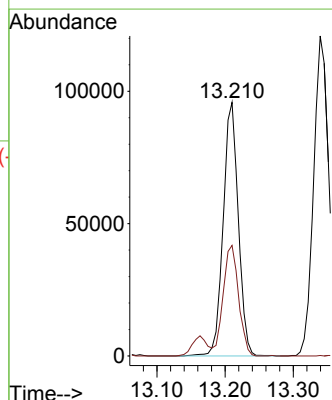
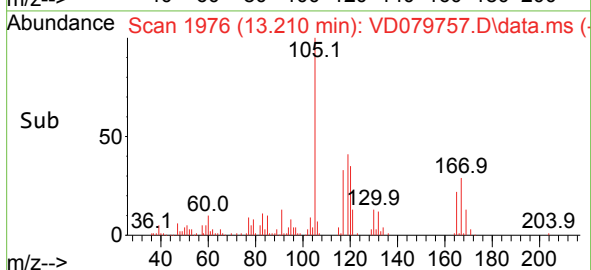
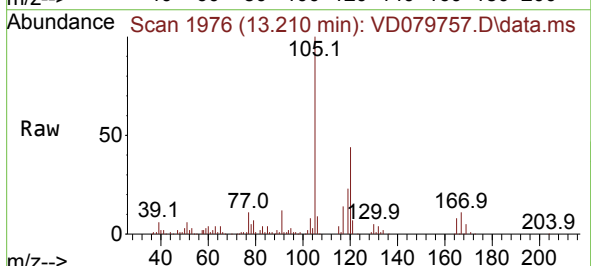


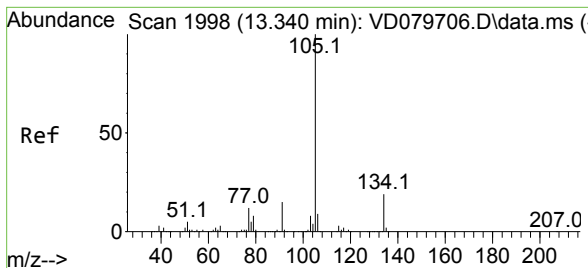
Tgt Ion:119 Resp: 117797
Ion Ratio Lower Upper
119 100
91 63.4 28.2 84.7
134 27.3 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.181 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

Tgt Ion:105 Resp: 147856
Ion Ratio Lower Upper
105 100
120 44.4 23.6 71.0





#85

sec-Butylbenzene

Concen: 19.693 ug/l

RT: 13.340 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

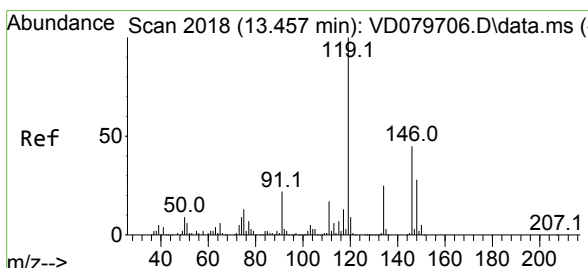
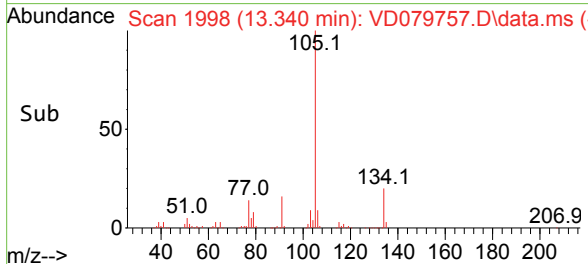
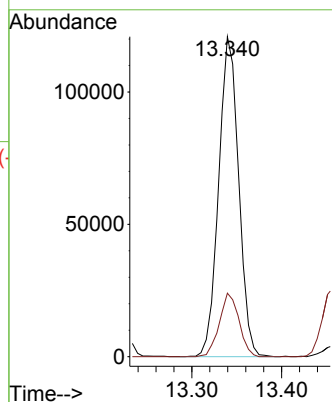
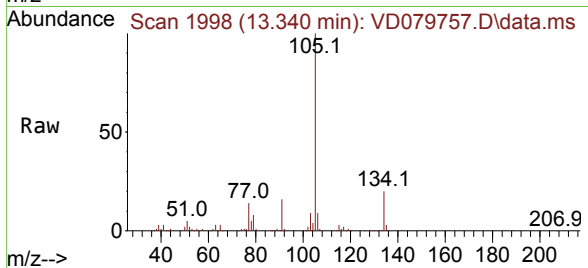
ClientSampleId :

Tgt Ion:105 Resp: 186957

Ion Ratio Lower Upper

105 100

134 19.5 10.3 30.8



#86

p-Isopropyltoluene

Concen: 19.653 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

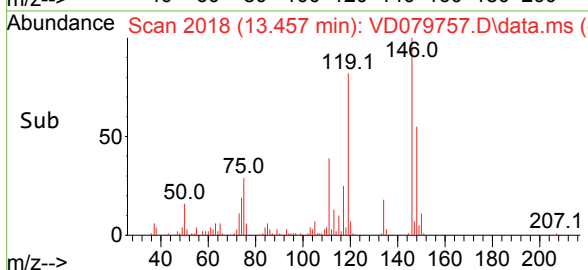
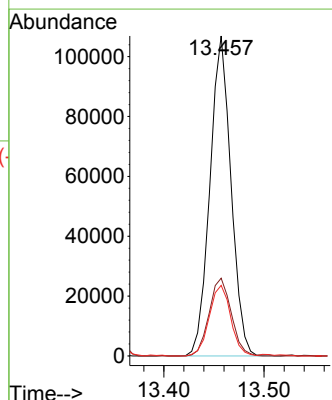
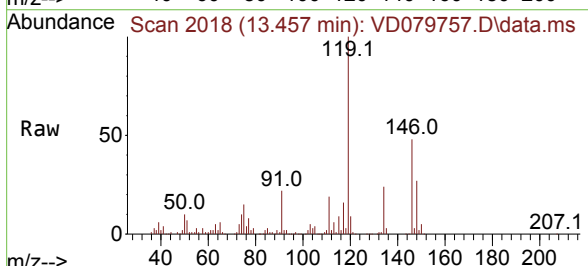
Tgt Ion:119 Resp: 156160

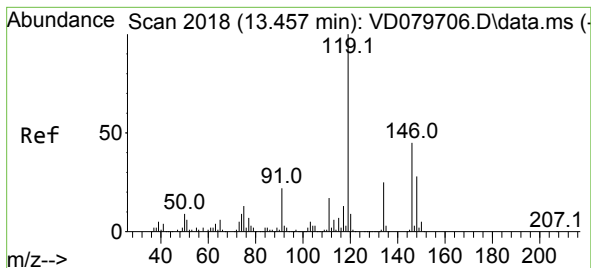
Ion Ratio Lower Upper

119 100

134 25.4 13.7 41.1

91 22.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.062 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :

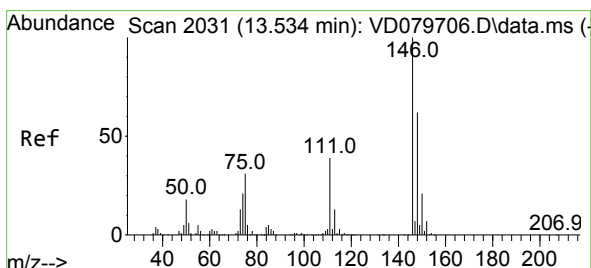
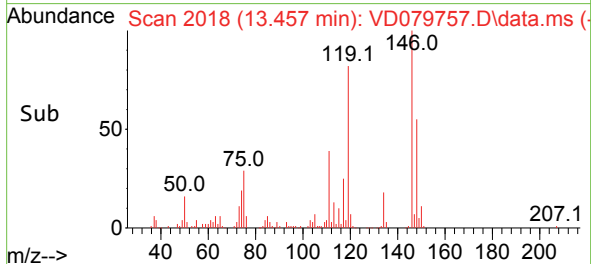
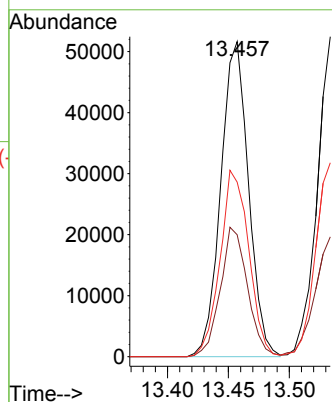
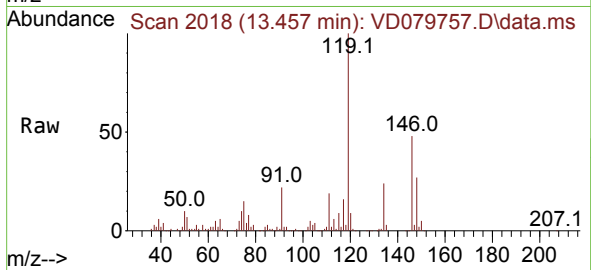
Tgt Ion:146 Resp: 81860

Ion Ratio Lower Upper

146 100

111 40.3 18.5 55.5

148 61.2 30.9 92.8



#88

1,4-Dichlorobenzene

Concen: 18.379 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

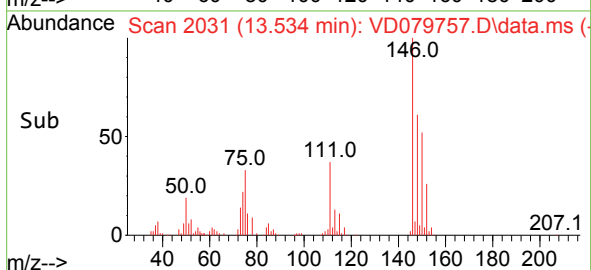
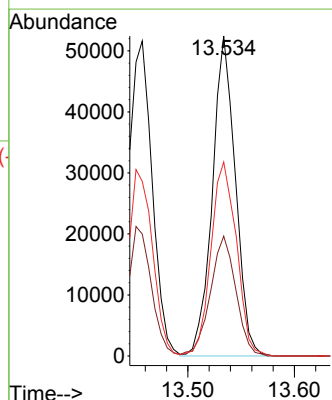
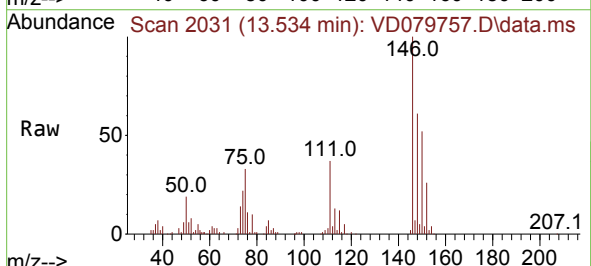
Tgt Ion:146 Resp: 78917

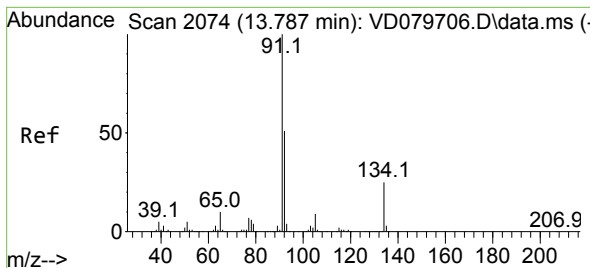
Ion Ratio Lower Upper

146 100

111 41.4 17.5 52.6

148 66.8 31.4 94.2





#89

n-Butylbenzene

Concen: 19.514 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.006 min

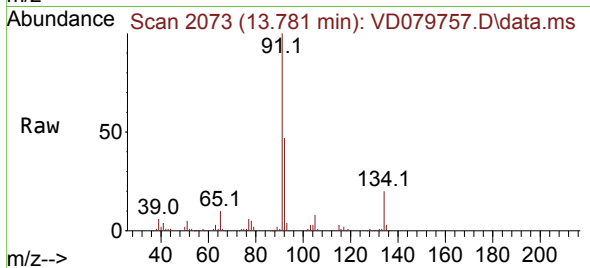
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :



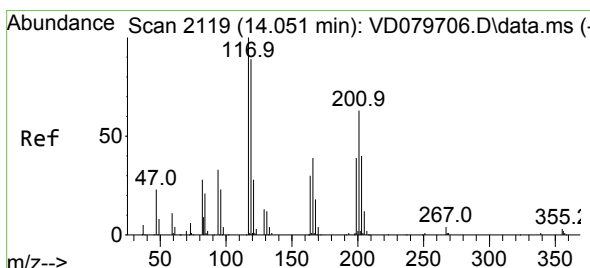
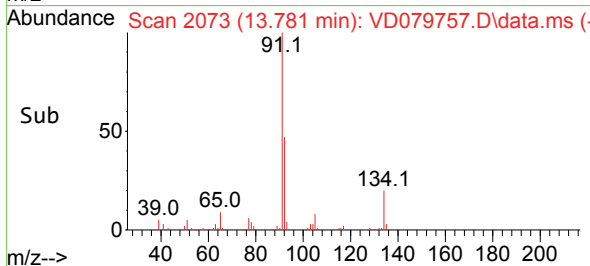
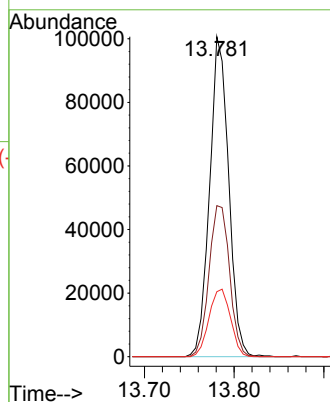
Tgt Ion: 91 Resp: 148420

Ion Ratio Lower Upper

91 100

92 51.0 25.7 77.0

134 23.7 13.6 40.8



#90

Hexachloroethane

Concen: 18.386 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD079757.D

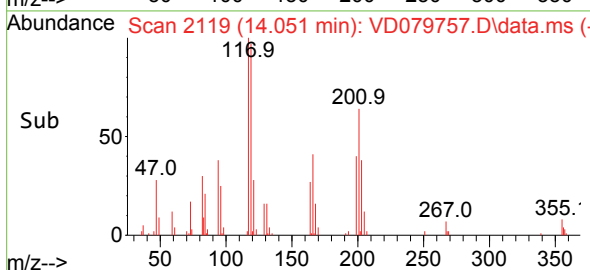
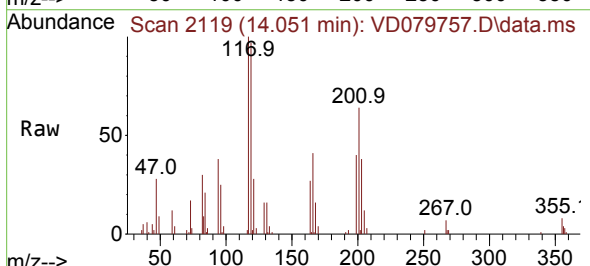
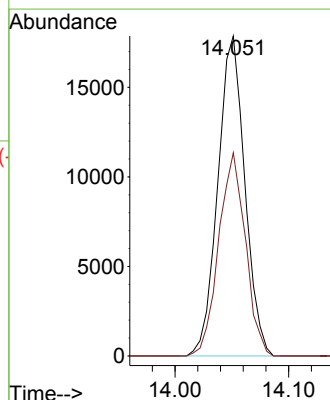
Acq: 30 Aug 2024 16:13

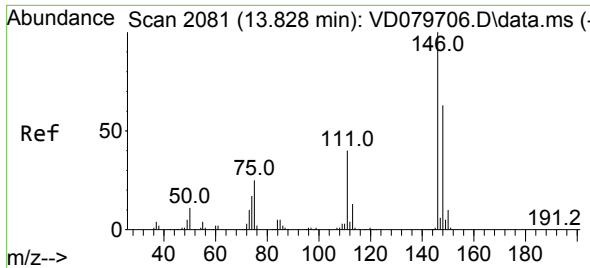
Tgt Ion: 117 Resp: 29515

Ion Ratio Lower Upper

117 100

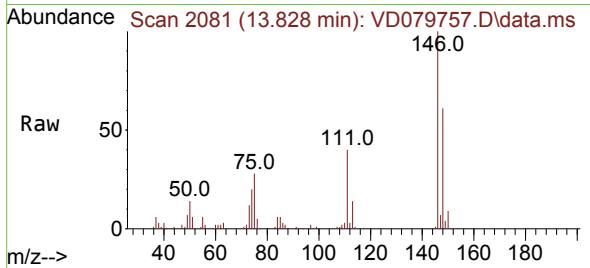
201 62.9 36.3 108.9



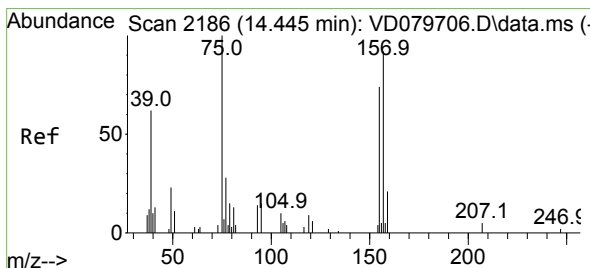
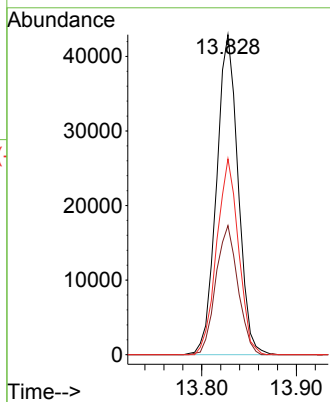
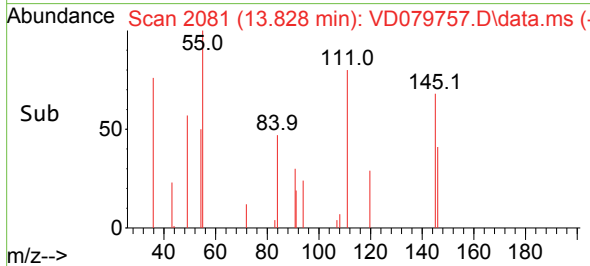


#91
 1,2-Dichlorobenzene
 Concen: 18.491 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD079757.D
 Acq: 30 Aug 2024 16:13

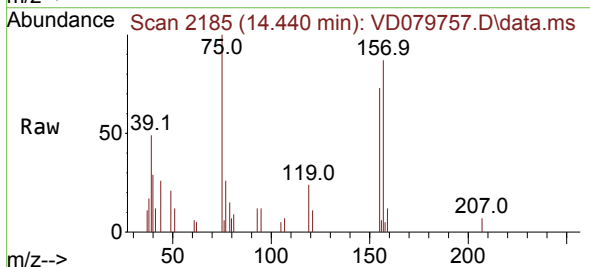
Instrument :
 MSVOA_D
 ClientSampleId :



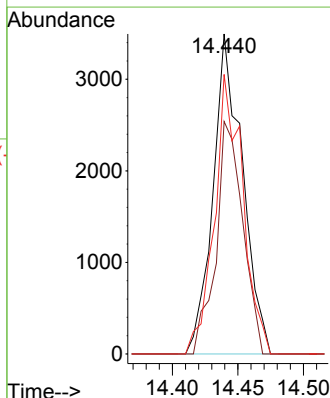
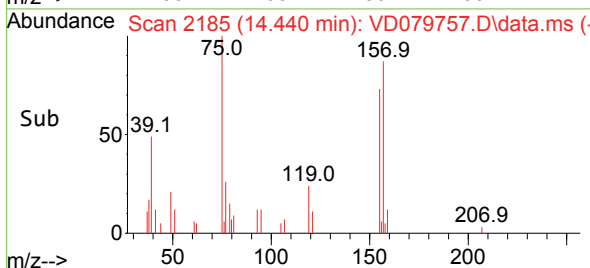
Tgt Ion:146 Resp: 68003
 Ion Ratio Lower Upper
 146 100
 111 41.4 19.1 57.1
 148 62.0 31.1 93.5

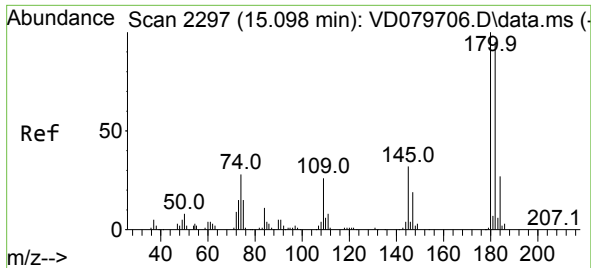


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.588 ug/l
 RT: 14.440 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: VD079757.D
 Acq: 30 Aug 2024 16:13



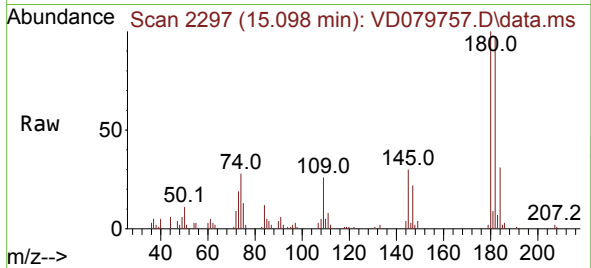
Tgt Ion: 75 Resp: 5438
 Ion Ratio Lower Upper
 75 100
 155 66.2 47.7 143.1
 157 84.1 63.4 190.2



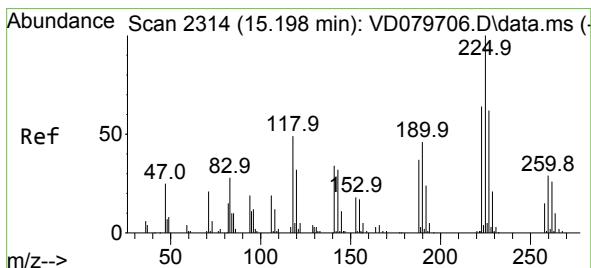
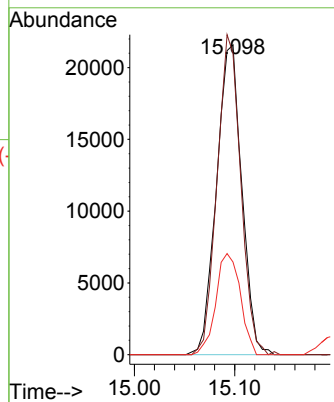
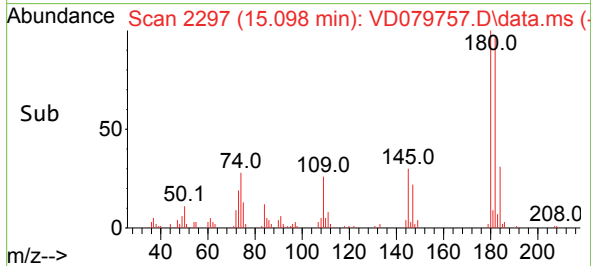


#93
1,2,4-Trichlorobenzene
Concen: 18.690 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13

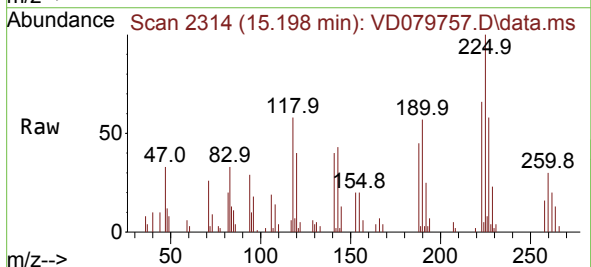
Instrument :
MSVOA_D
ClientSampleId :



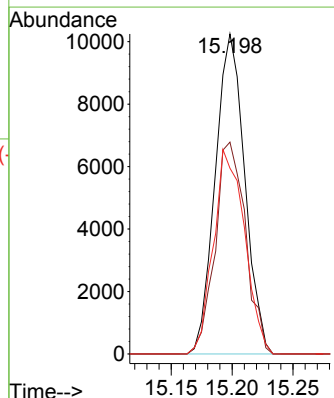
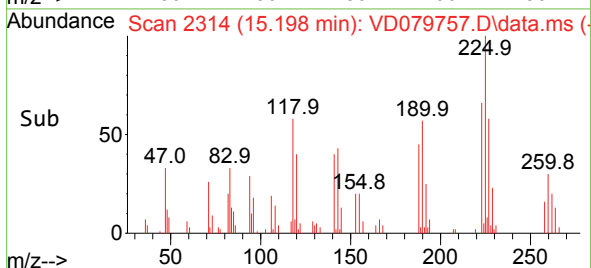
Tgt Ion:180 Resp: 37753
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.7
145 31.6 14.0 41.9

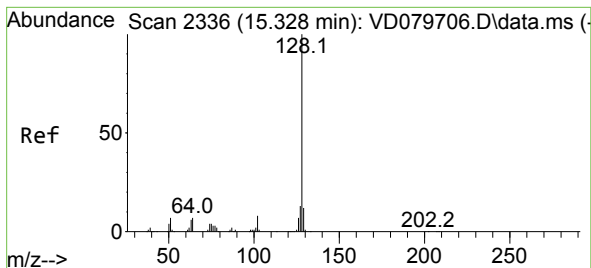


#94
Hexachlorobutadiene
Concen: 17.775 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.000 min
Lab File: VD079757.D
Acq: 30 Aug 2024 16:13



Tgt Ion:225 Resp: 17266
Ion Ratio Lower Upper
225 100
223 68.3 33.3 99.9
227 67.4 33.6 100.6





#95

Naphthalene

Concen: 19.418 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

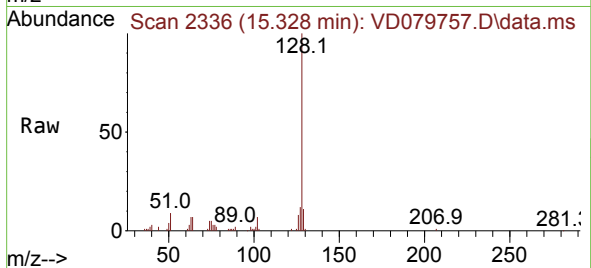
Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Instrument :

MSVOA_D

ClientSampleId :



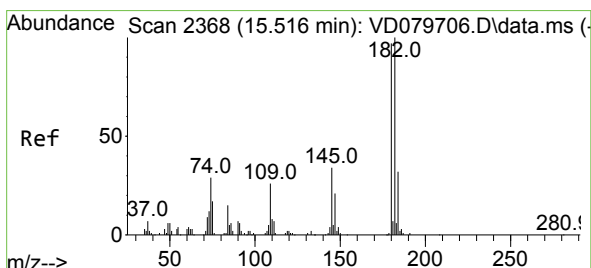
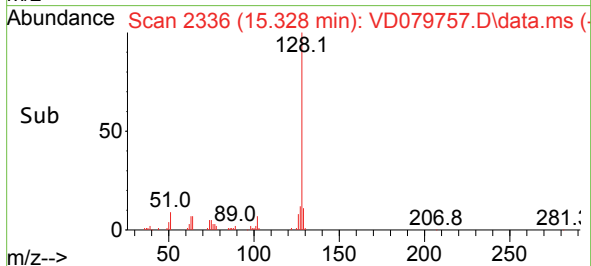
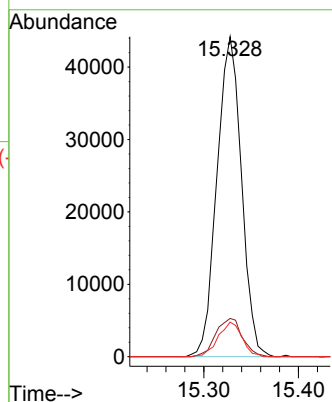
Tgt Ion:128 Resp: 79595

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.4

129 10.8 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.665 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079757.D

Acq: 30 Aug 2024 16:13

Tgt Ion:180 Resp: 32944

Ion Ratio Lower Upper

180 100

182 93.2 47.8 143.3

145 33.9 16.1 48.2

