

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079773.D
 Acq On : 04 Sep 2024 15:00
 Operator : RP/MD
 Sample : P3813-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 04 15:53:15 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)

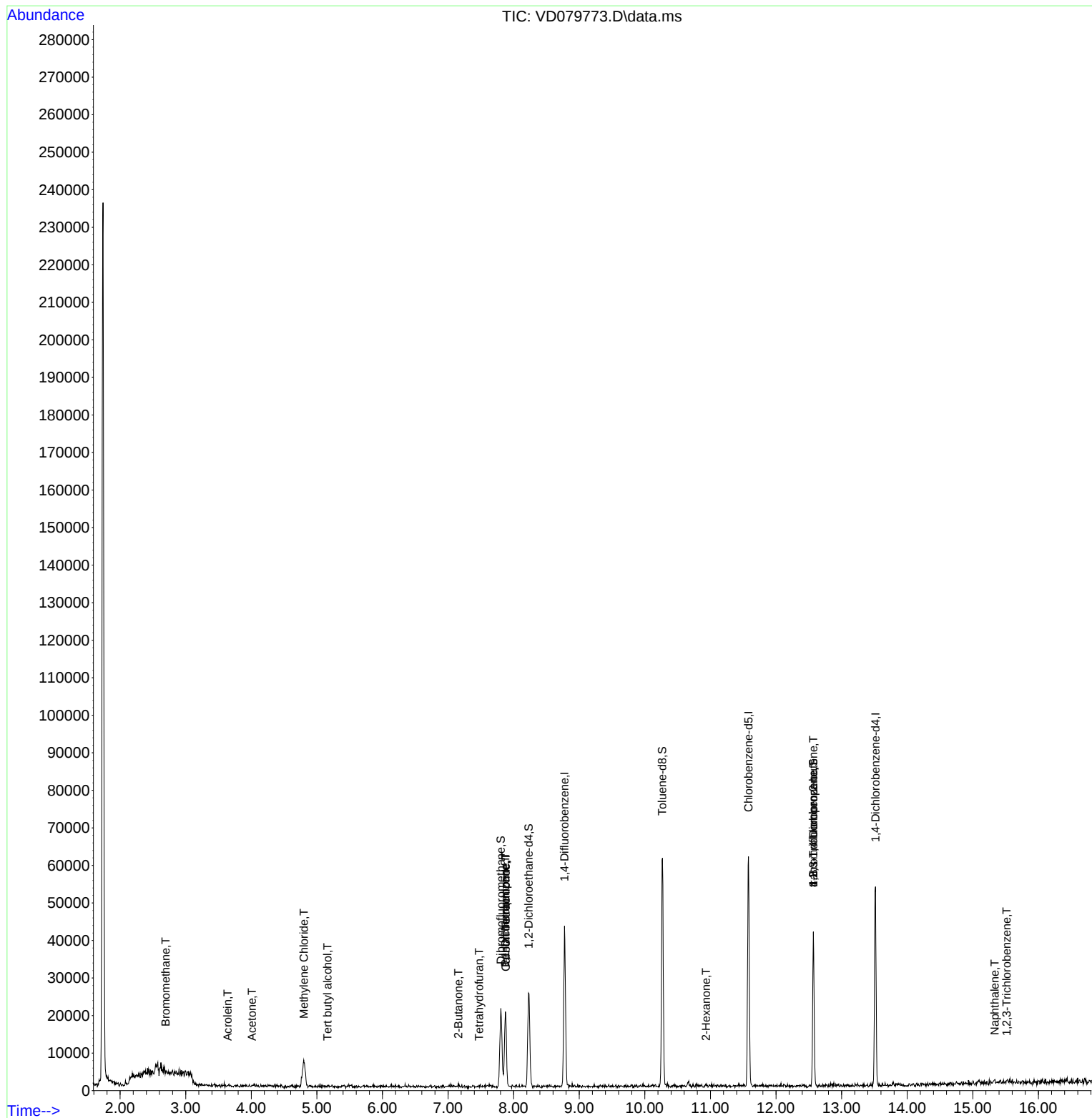
Internal Standards						
1) Pentafluorobenzene	7.875	168	14324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	34355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34894	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	14060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	20171	103.279	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.560%#	
35) Dibromofluoromethane	7.804	113	14866	66.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.140%	
50) Toluene-d8	10.263	98	43587	45.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.020%	
62) 4-Bromofluorobenzene	12.569	95	12314	45.953	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.900%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	609	2.038	ug/l	# 55
11) Tert butyl alcohol	5.163	59	58	6.022	ug/l	# 86
13) Acrolein	3.640	56	69	3.675	ug/l	# 15
16) Acetone	4.011	43	328	8.093	ug/l	# 37
20) Methylene Chloride	4.805	84	5055	19.123	ug/l	# 84
25) 2-Butanone	7.157	43	92	1.701	ug/l	# 42
29) Tetrahydrofuran	7.475	42	116	3.468	ug/l	# 21
36) 1,1-Dichloropropene	7.875	75	1245	3.762	ug/l	# 39
38) Carbon Tetrachloride	7.881	117	1361	3.856	ug/l	# 13
58) 2-Chloroethyl Vinyl ether	9.863	63	84	Below Cal	#	42
59) 2-Hexanone	10.934	43	111	21.159	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	6335	52.717	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	6335	87.926	ug/l	# 19
95) Naphthalene	15.333	128	1155	2.531	ug/l	# 70
96) 1,2,3-Trichlorobenzene	15.516	180	348	1.771	ug/l	# 54

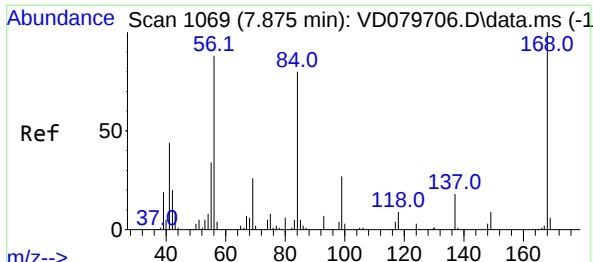
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : RP/MD
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Misc : 4.99G/5.0ml/MSVOA_D/SOIL/B
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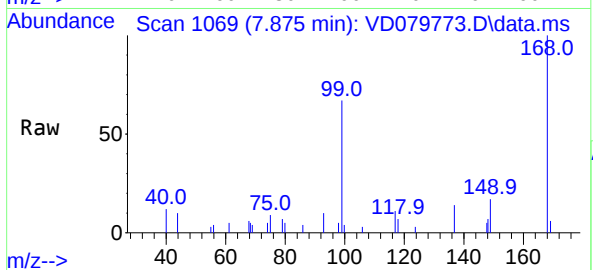
Quant Time: Sep 04 15:53:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration



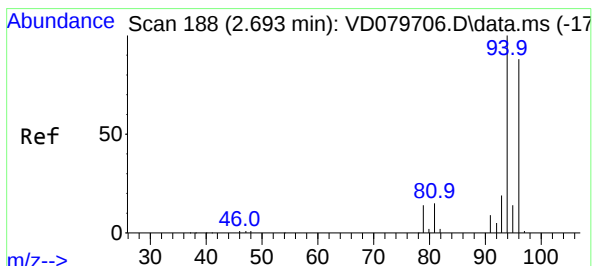
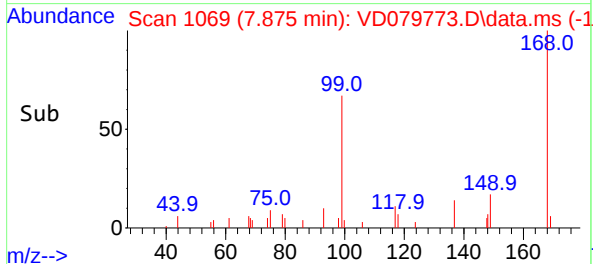
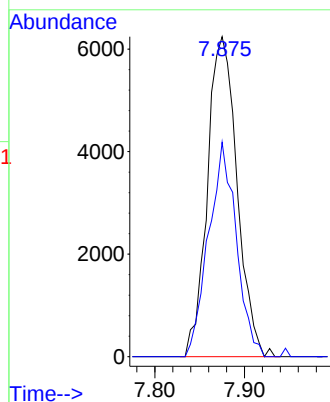


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Instrument :
MSVOA_D
ClientSampleId :

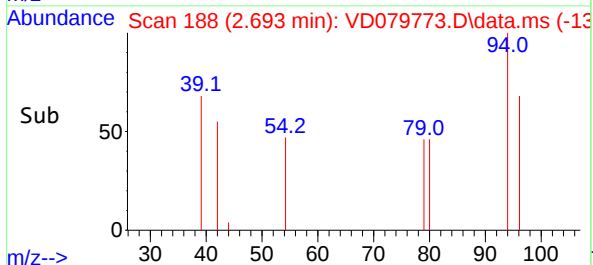
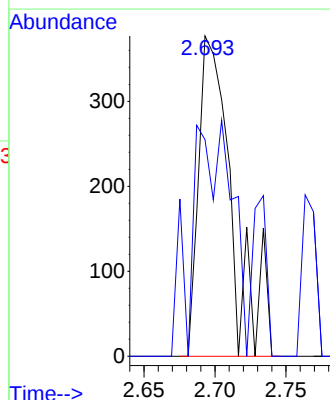
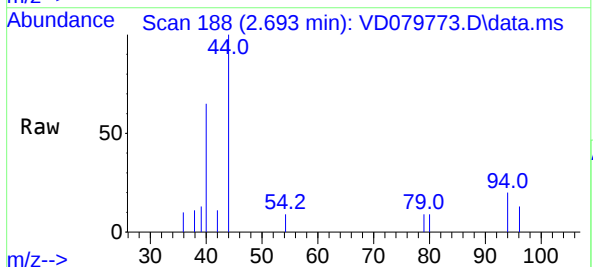


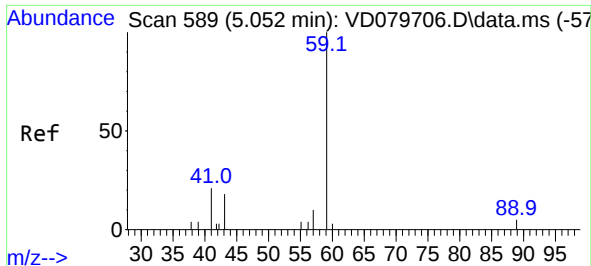
Tgt Ion:168 Resp: 14324
Ion Ratio Lower Upper
168 100
99 67.0 41.1 61.7#



#5
Bromomethane
Concen: 2.038 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Tgt Ion: 94 Resp: 609
Ion Ratio Lower Upper
94 100
96 51.9 76.9 115.3#

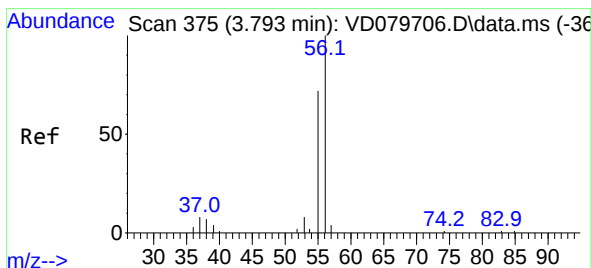
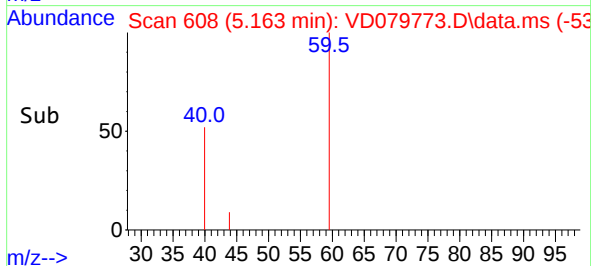
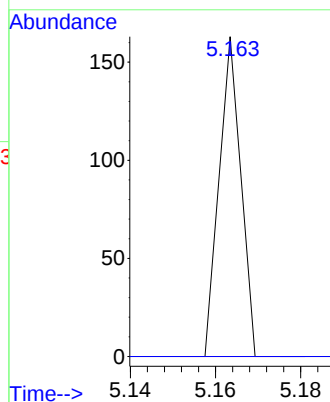
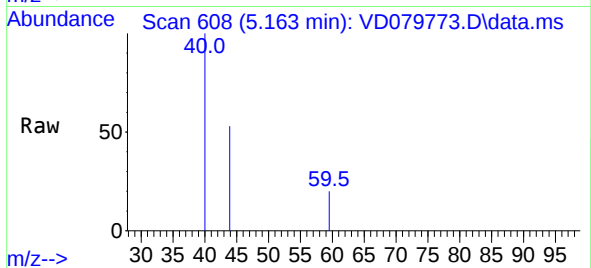




#11
Tert butyl alcohol
Concen: 6.022 ug/l
RT: 5.163 min Scan# 60
Delta R.T. 0.111 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

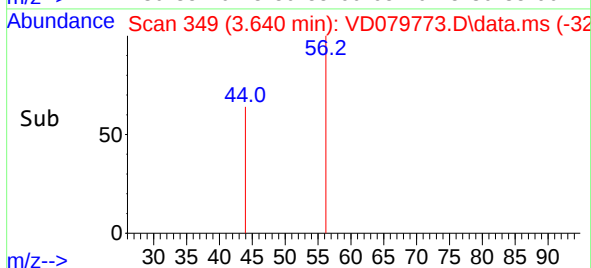
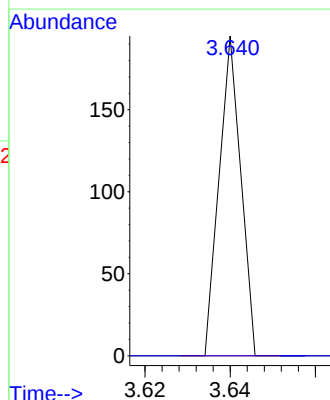
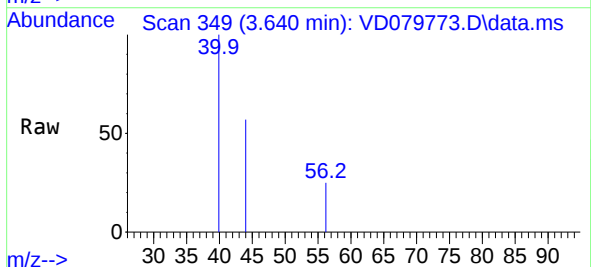
Instrument :
MSVOA_D
ClientSampleId :

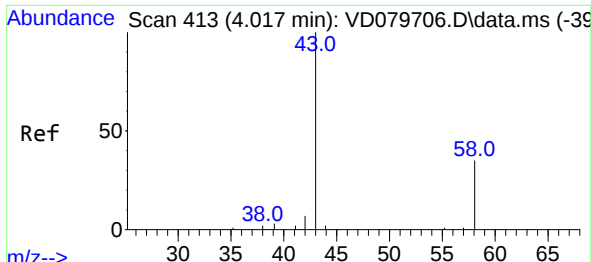
Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4#



#13
Acrolein
Concen: 3.675 ug/l
RT: 3.640 min Scan# 349
Delta R.T. -0.153 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#





#16

Acetone

Concen: 8.093 ug/l

RT: 4.011 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079773.D

Acq: 04 Sep 2024 15:00

Instrument :

MSVOA_D

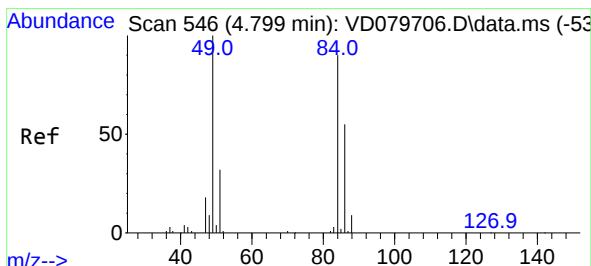
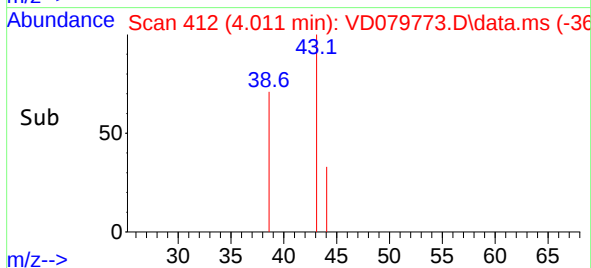
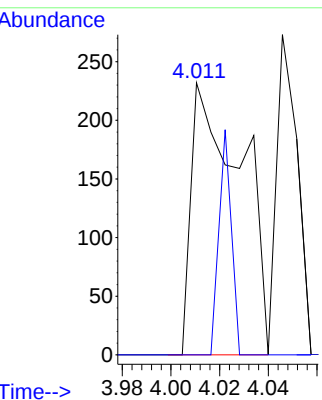
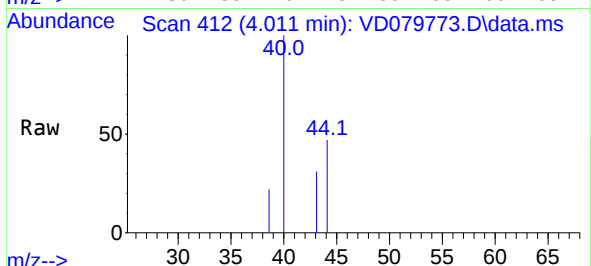
ClientSampleId :

Tgt Ion: 43 Resp: 328

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#20

Methylene Chloride

Concen: 19.123 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD079773.D

Acq: 04 Sep 2024 15:00

Tgt Ion: 84 Resp: 5055

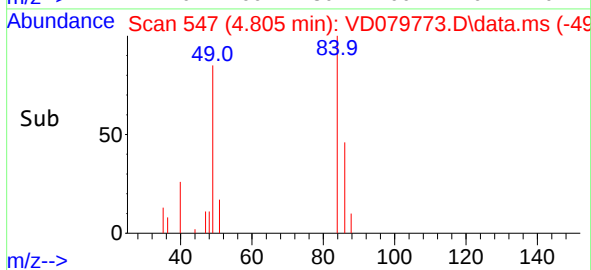
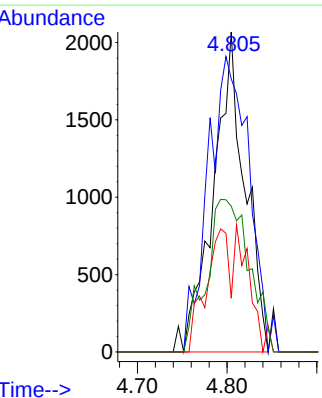
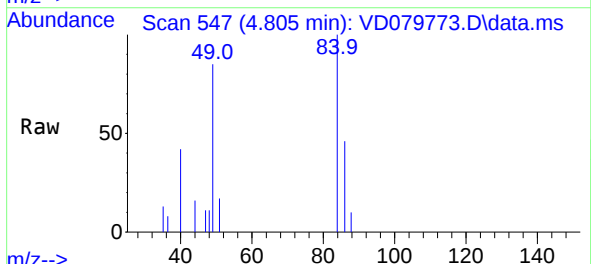
Ion Ratio Lower Upper

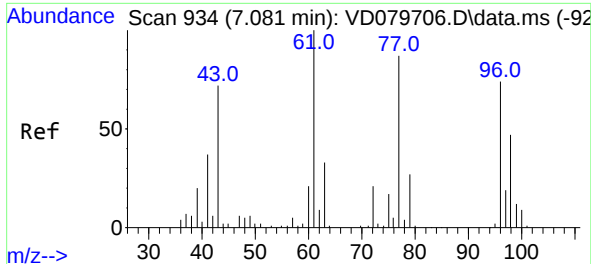
84 100

49 85.3 75.6 113.4

51 16.8 24.2 36.2#

86 45.6 49.2 73.8#

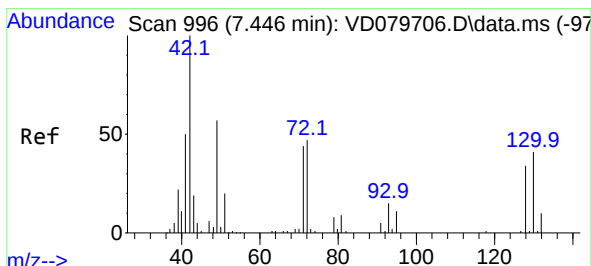
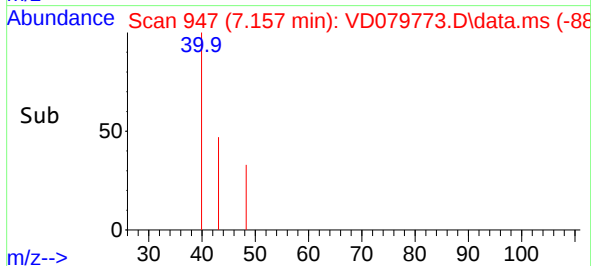
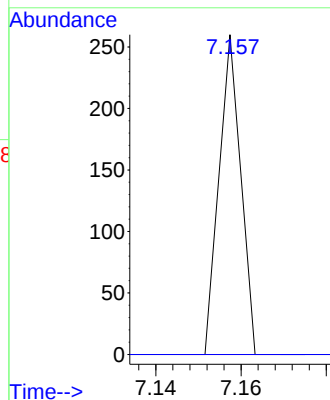
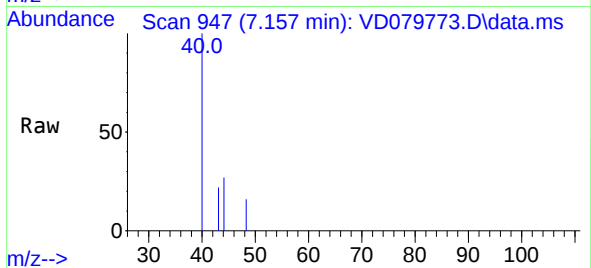




#25
2-Butanone
Concen: 1.701 ug/l
RT: 7.157 min Scan# 94
Delta R.T. 0.076 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

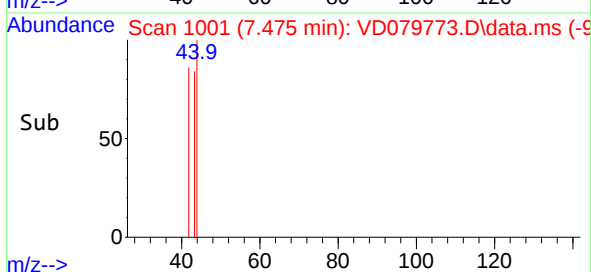
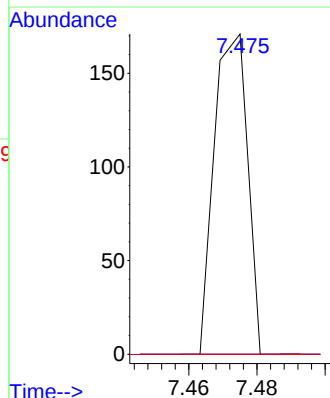
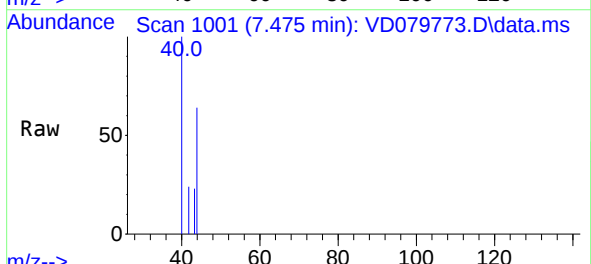
Instrument :
MSVOA_D
ClientSampleId :

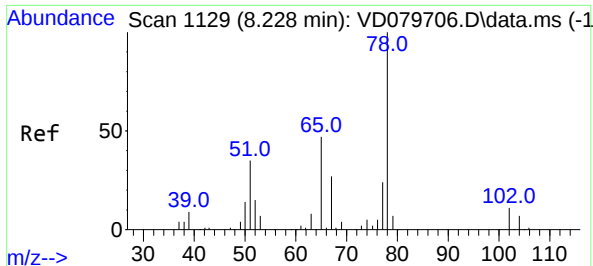
Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#29
Tetrahydrofuran
Concen: 3.468 ug/l
RT: 7.475 min Scan# 1001
Delta R.T. 0.029 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Tgt Ion: 42 Resp: 116
Ion Ratio Lower Upper
42 100
72 0.0 49.4 74.0#
71 0.0 45.0 67.6#

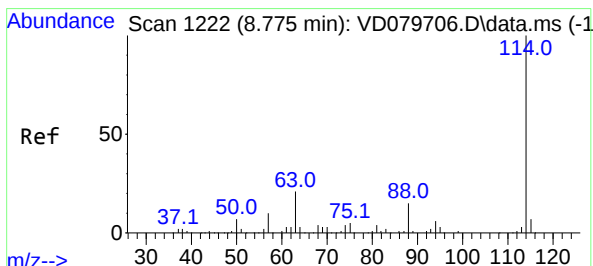
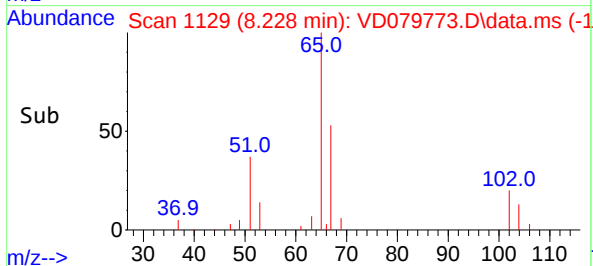
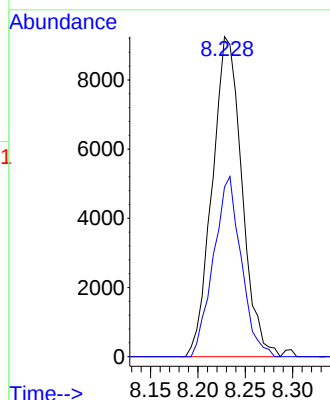
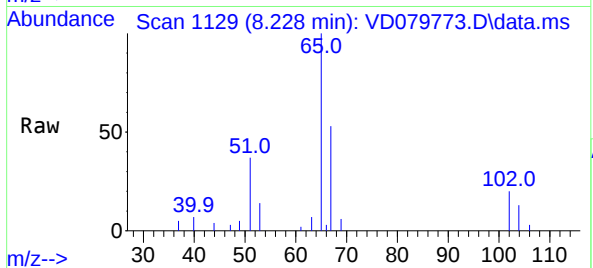




#33
1,2-Dichloroethane-d4
Concen: 103.279 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

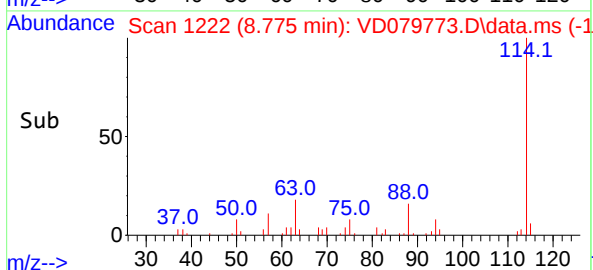
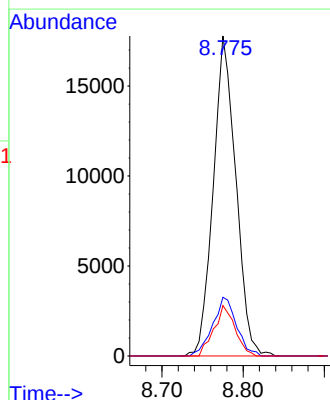
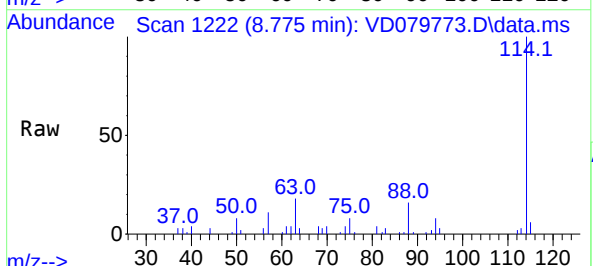
Instrument :
MSVOA_D
ClientSampleId :

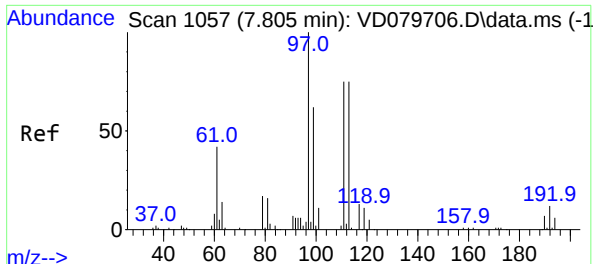
Tgt Ion: 65 Resp: 20171
Ion Ratio Lower Upper
65 100
67 52.6 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

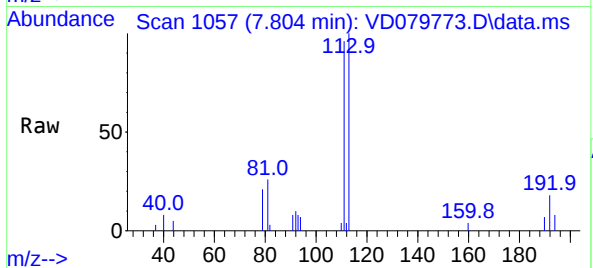
Tgt Ion:114 Resp: 34355
Ion Ratio Lower Upper
114 100
63 18.3 0.0 34.0
88 15.8 0.0 27.2



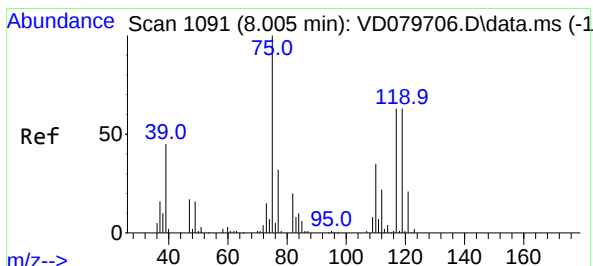
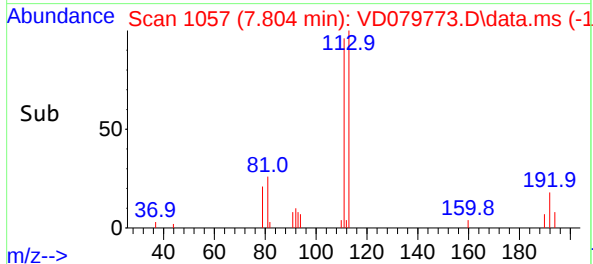
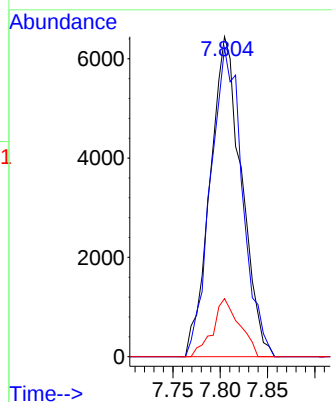


#35
Dibromofluoromethane
Concen: 66.572 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Instrument :
MSVOA_D
ClientSampleId :

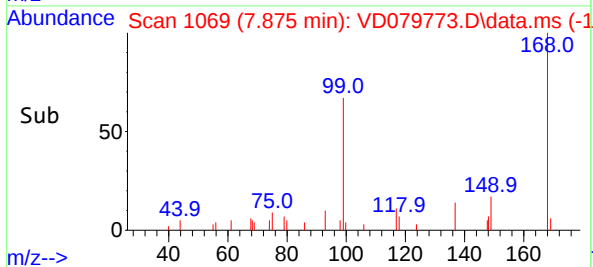
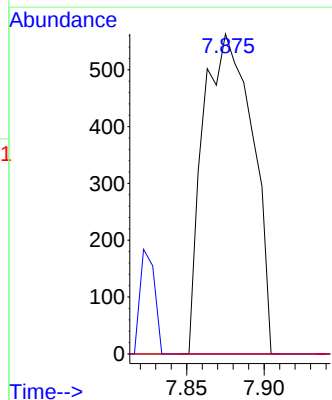
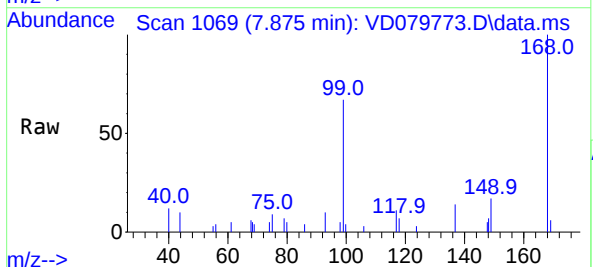


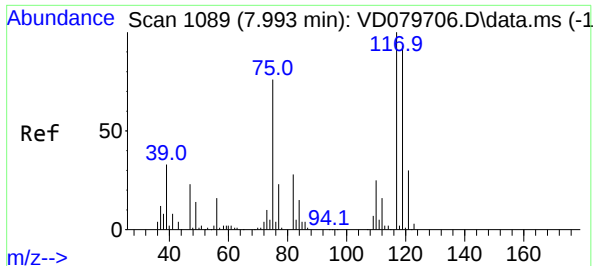
Tgt Ion:113 Resp: 14866
Ion Ratio Lower Upper
113 100
111 97.8 84.0 126.0
192 15.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.762 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

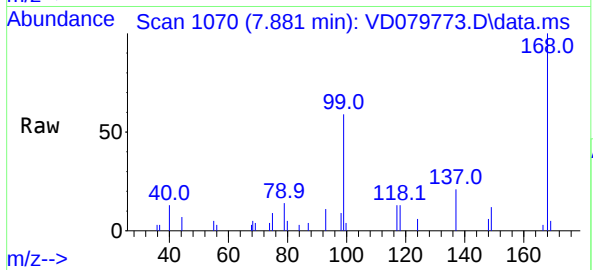
Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
110 0.0 19.6 58.7#
77 0.0 26.1 39.1#



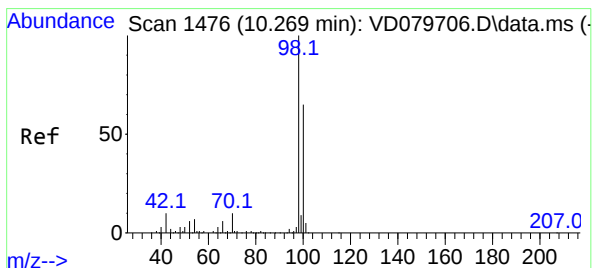
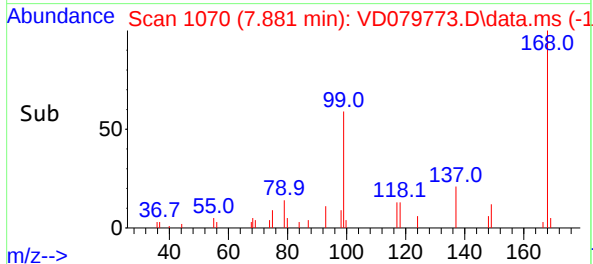
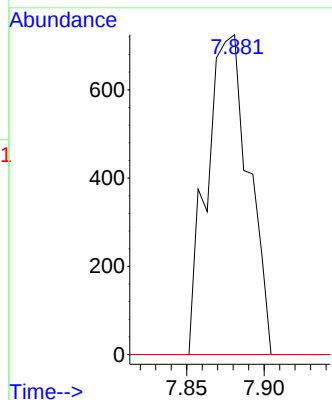


#38
Carbon Tetrachloride
Concen: 3.856 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Instrument :
MSVOA_D
ClientSampleId :

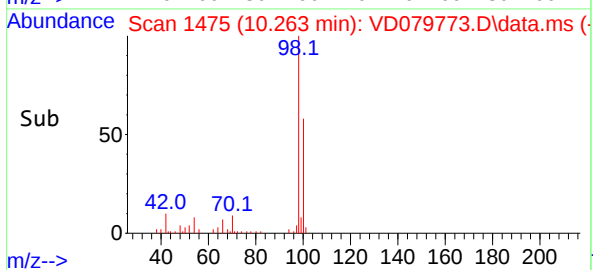
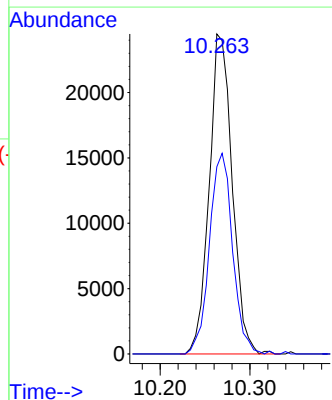
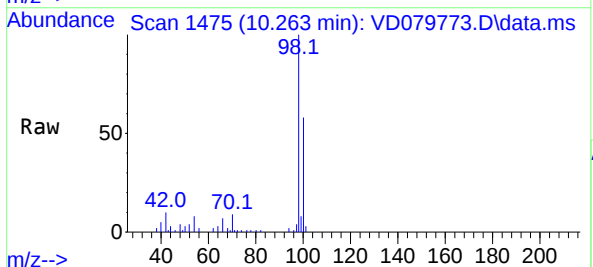


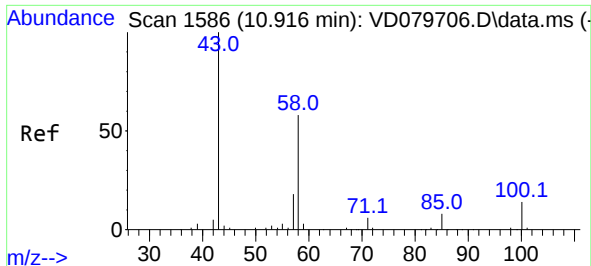
Tgt Ion:117 Resp: 1361
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 45.512 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Tgt Ion: 98 Resp: 43587
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4

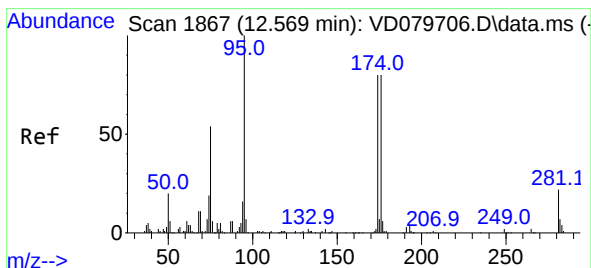
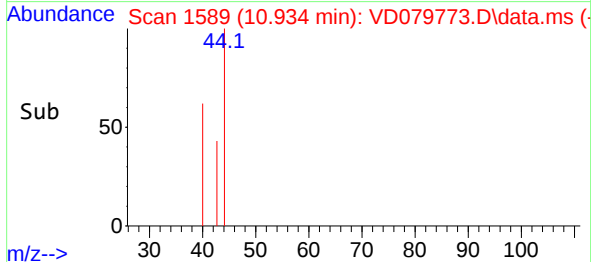
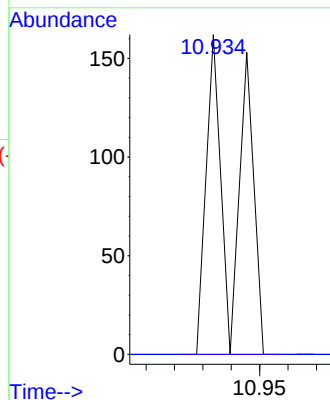
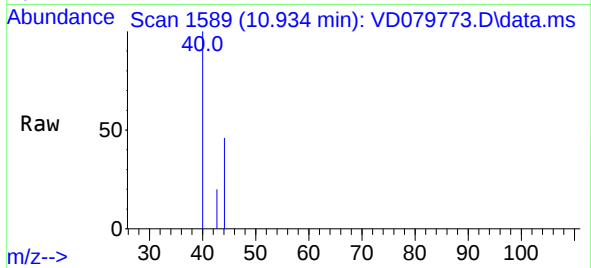




#59
2-Hexanone
Concen: 21.159 ug/l
RT: 10.934 min Scan# 111
Delta R.T. 0.018 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

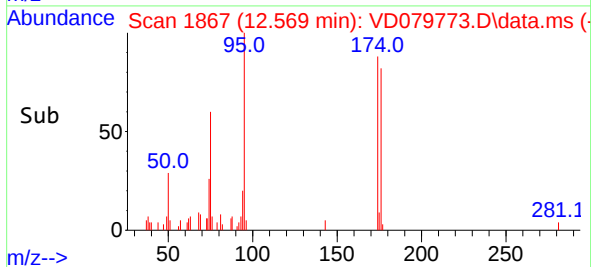
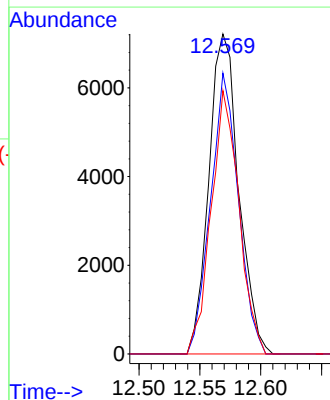
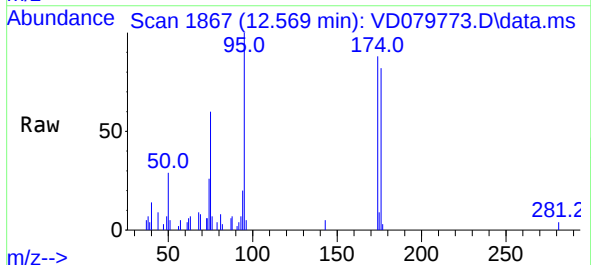
Instrument :
MSVOA_D
ClientSampleId :

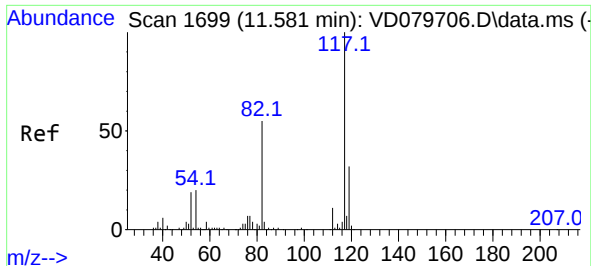
Tgt Ion: 43 Resp: 111
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 45.953 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

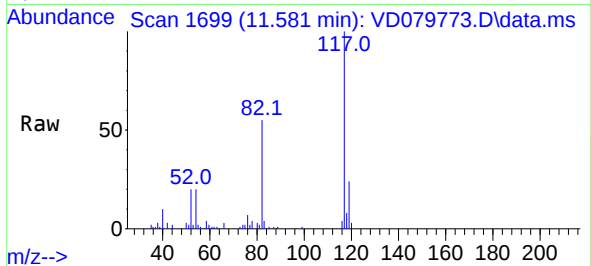
Tgt Ion: 95 Resp: 12314
Ion Ratio Lower Upper
95 100
174 81.7 0.0 195.4
176 76.6 0.0 192.6



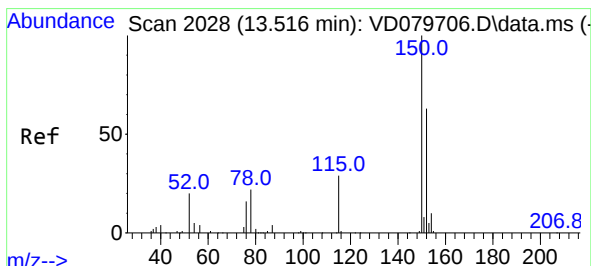
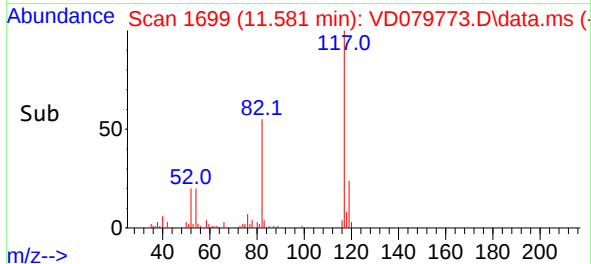
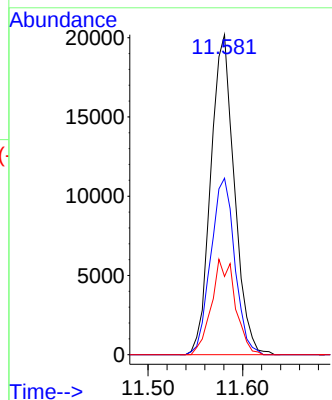


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Instrument :
MSVOA_D
ClientSampleId :

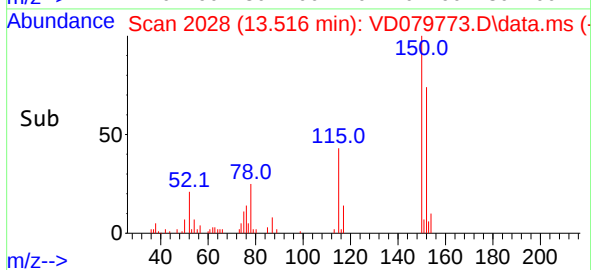
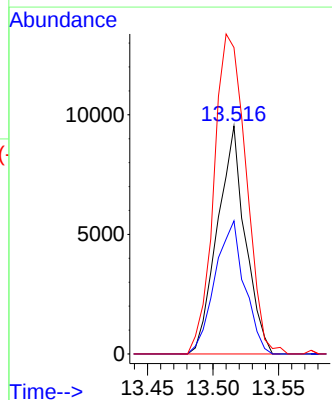
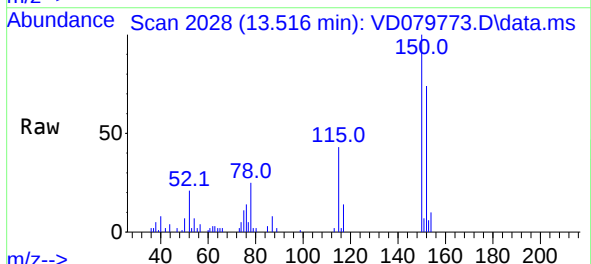


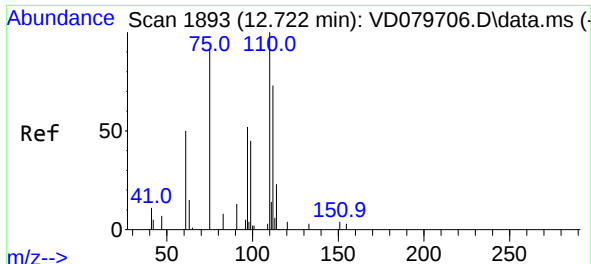
Tgt Ion:117 Resp: 34894
Ion Ratio Lower Upper
117 100
82 55.1 39.8 59.6
119 24.5 25.7 38.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Tgt Ion:152 Resp: 14060
Ion Ratio Lower Upper
152 100
115 62.0 26.5 79.5
150 161.8 0.0 341.6

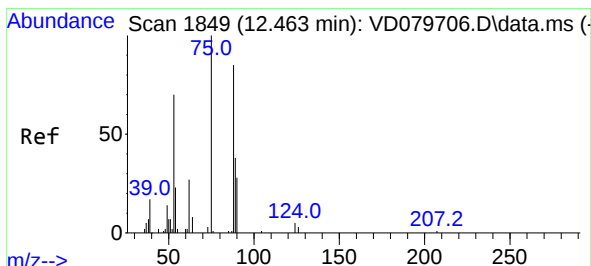
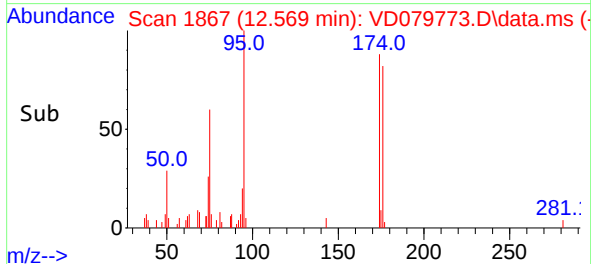
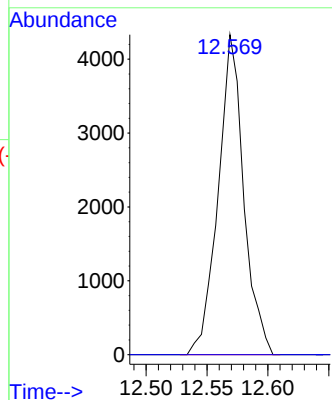
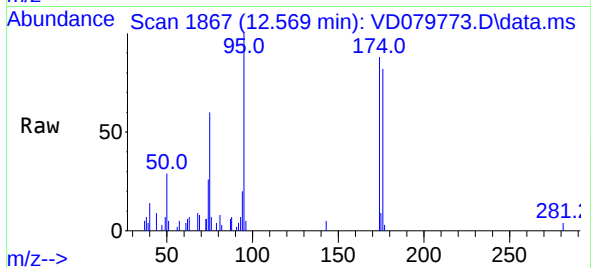




#76
1,2,3-Trichloropropane
Concen: 52.717 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

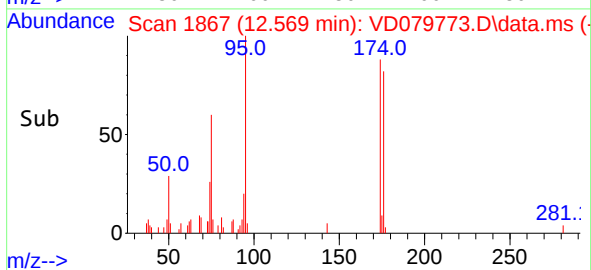
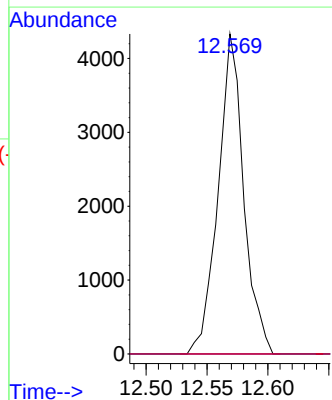
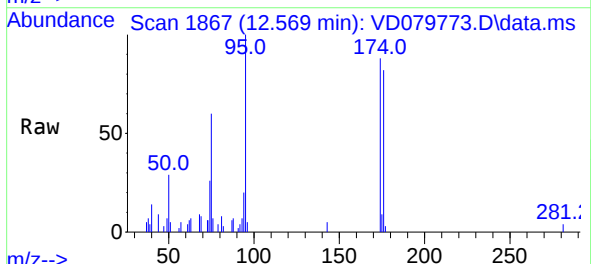
Instrument :
MSVOA_D
ClientSampleId :

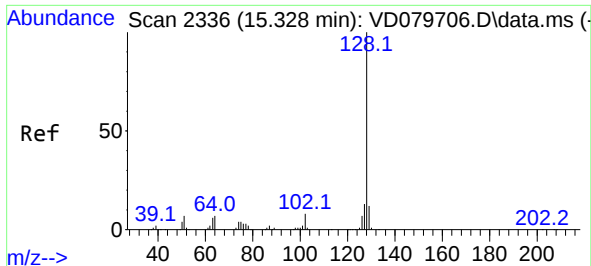
Tgt Ion: 75 Resp: 6335
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 87.926 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

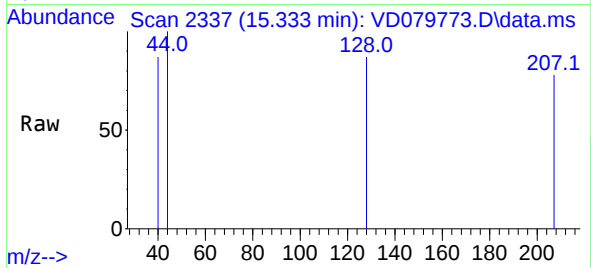
Tgt Ion: 75 Resp: 6335
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



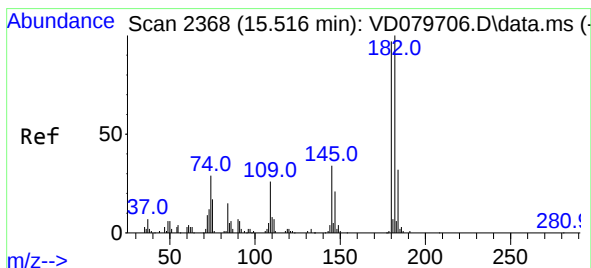
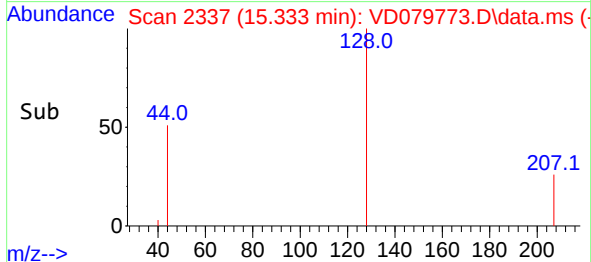
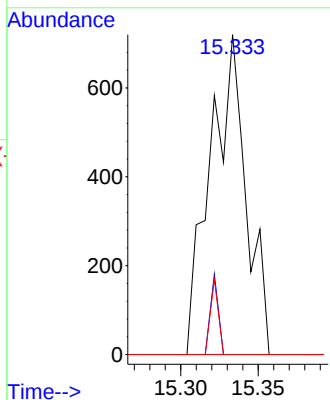


#95
Naphthalene
Concen: 2.531 ug/l
RT: 15.333 min Scan# 211
Delta R.T. 0.005 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 1155
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.5 12.7#



#96
1,2,3-Trichlorobenzene
Concen: 1.771 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079773.D
Acq: 04 Sep 2024 15:00

Tgt Ion:180 Resp: 348
Ion Ratio Lower Upper
180 100
182 54.6 47.8 143.3
145 0.0 16.1 48.2#

