

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079454.D
 Acq On : 30 Jul 2024 13:08
 Operator : RP/MD
 Sample : P3362-03
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11978RE

Quant Time: Jul 30 15:42:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

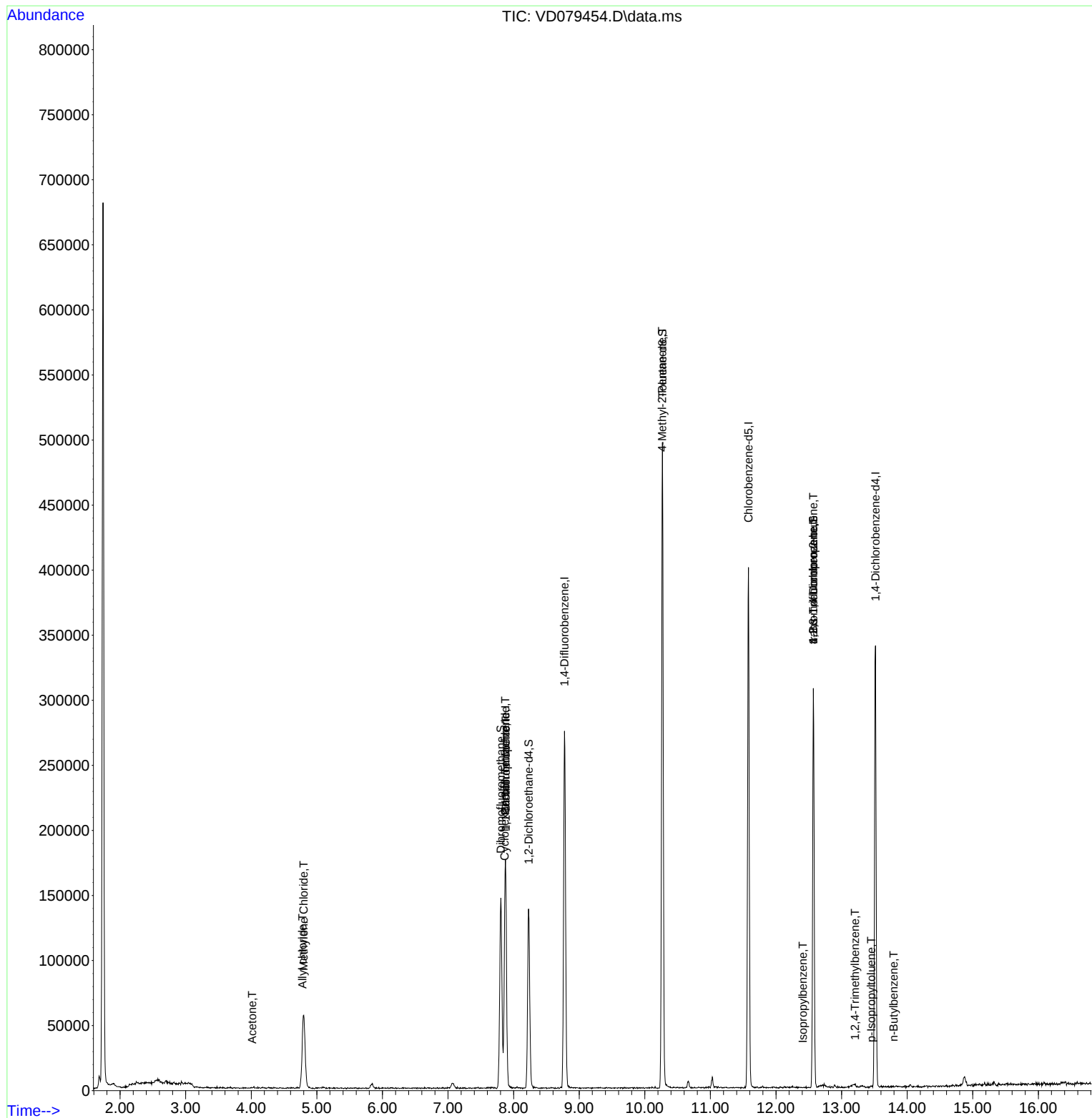
Internal Standards						
1) Pentafluorobenzene	7.875	168	146039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	257963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	241793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105059	70.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.620%	
35) Dibromofluoromethane	7.805	113	106814	61.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.360%	
50) Toluene-d8	10.269	98	351421	51.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	12.569	95	93339	47.571	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	798	Below Cal	#	50
11) Tert butyl alcohol	5.181	59	60	Below Cal	#	86
14) Allyl chloride	4.781	41	2302	1.105	ug/l #	17
16) Acetone	4.017	43	497	1.724	ug/l #	37
20) Methylene Chloride	4.799	84	46261	9.443	ug/l	89
31) Cyclohexane	7.863	56	2749	1.116	ug/l #	69
36) 1,1-Dichloropropene	7.881	75	11260	4.725	ug/l #	46
38) Carbon Tetrachloride	7.875	117	13744	5.486	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	1238	1.320	ug/l #	1
73) Isopropylbenzene	12.410	105	62	3.635	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	45686	51.733	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	45686	98.669	ug/l #	19
84) 1,2,4-Trimethylbenzene	13.204	105	229	3.462	ug/l #	37
86) p-Isopropyltoluene	13.451	119	85	3.897	ug/l #	51
89) n-Butylbenzene	13.793	91	417	3.841	ug/l #	34

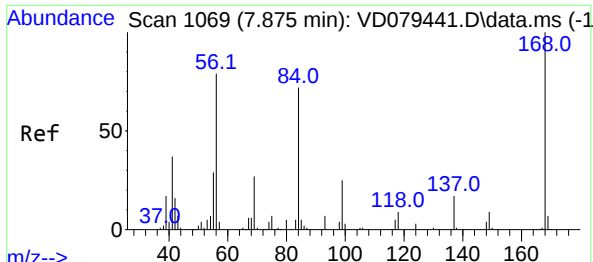
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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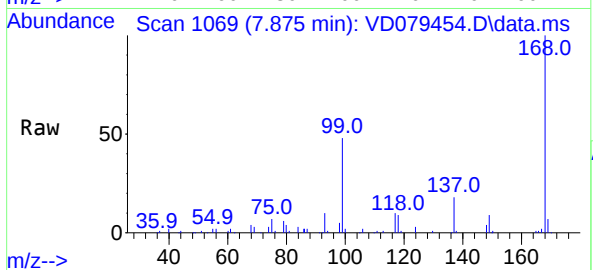
Quant Time: Jul 30 15:42:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



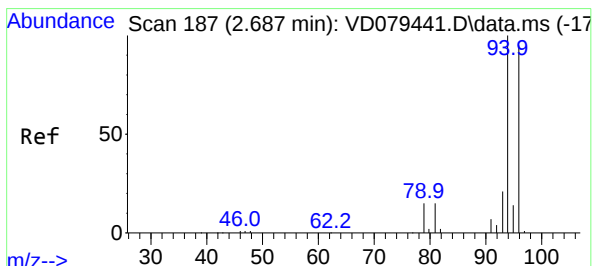
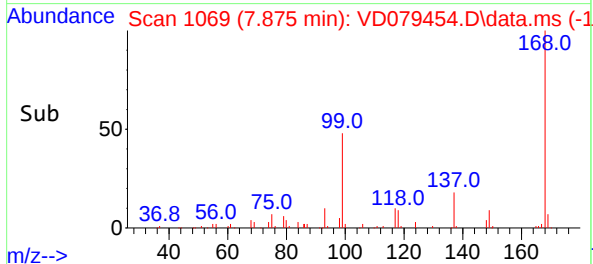
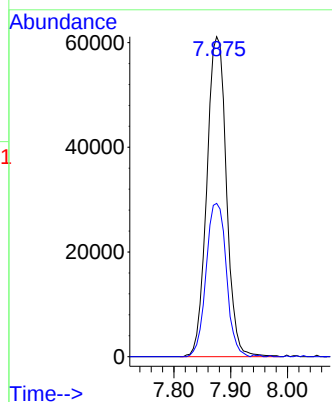


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

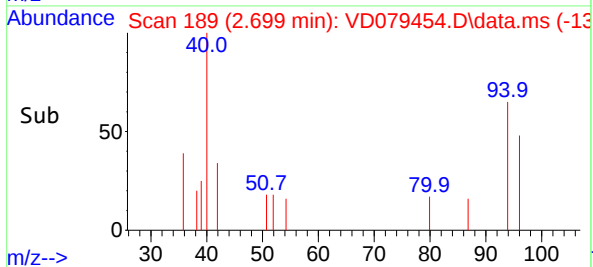
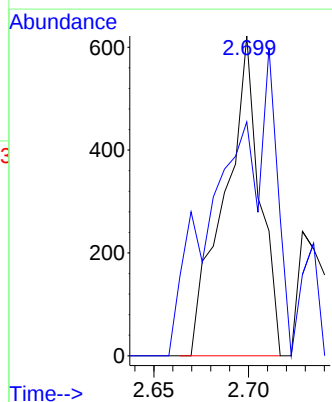
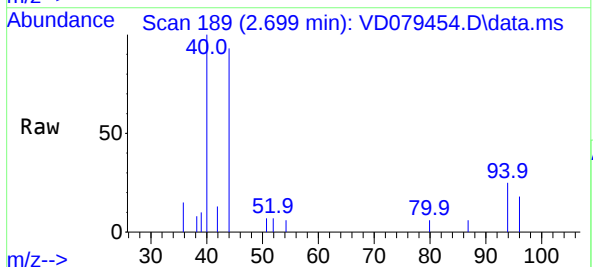


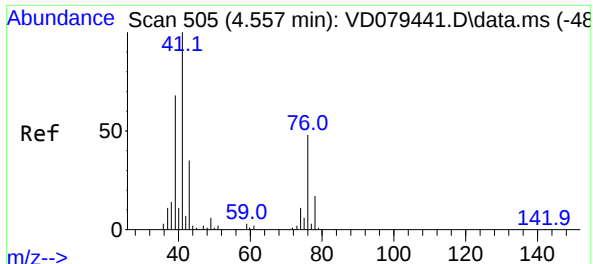
Tgt Ion:168 Resp: 146039
Ion Ratio Lower Upper
168 100
99 47.9 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 94 Resp: 798
Ion Ratio Lower Upper
94 100
96 145.0 76.9 115.3#

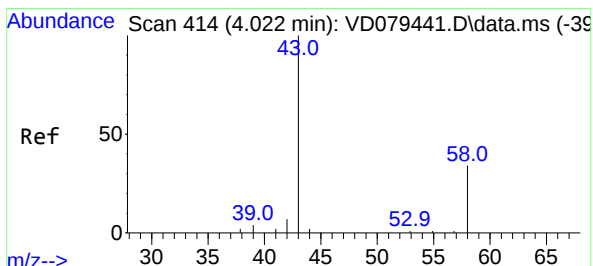
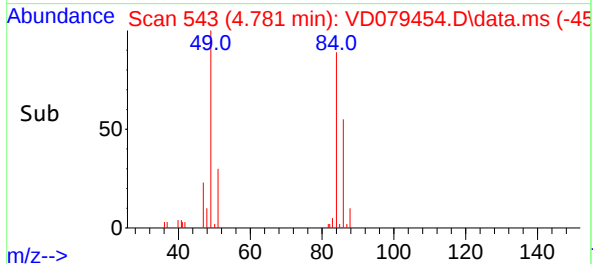
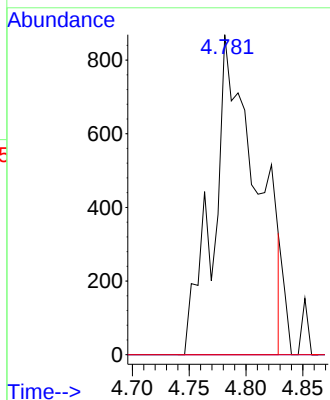
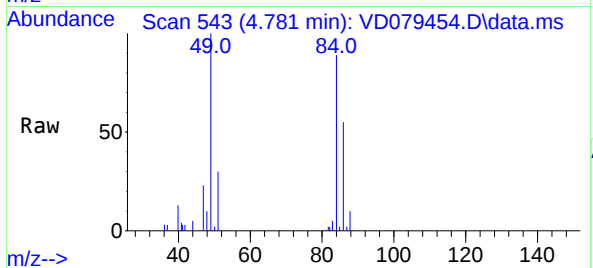




#14
Allyl chloride
Concen: 1.105 ug/l
RT: 4.781 min Scan# 54
Delta R.T. 0.229 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

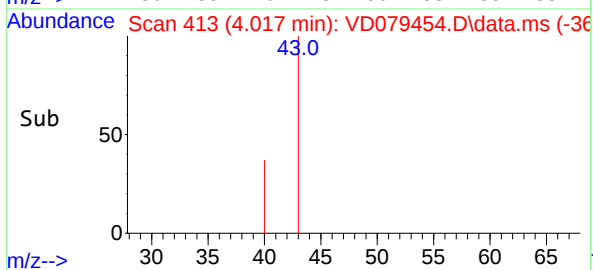
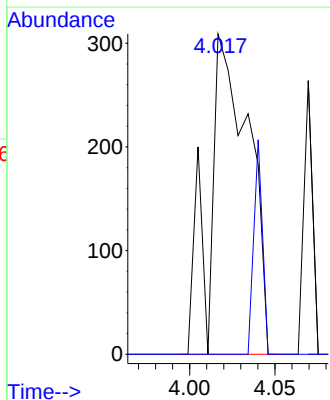
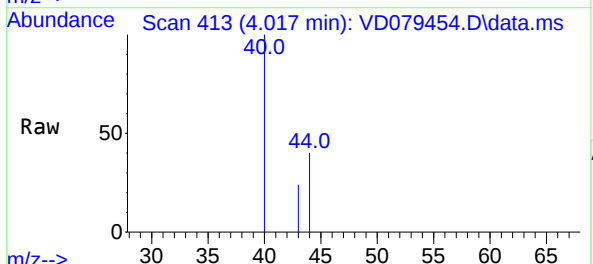
Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

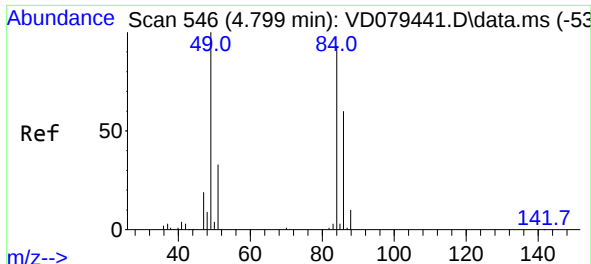
Tgt Ion: 41 Resp: 2302
Ion Ratio Lower Upper
41 100
39 0.0 58.0 87.0#
76 0.0 45.9 68.9#



#16
Acetone
Concen: 1.724 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



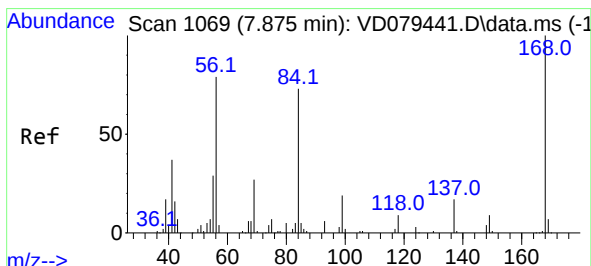
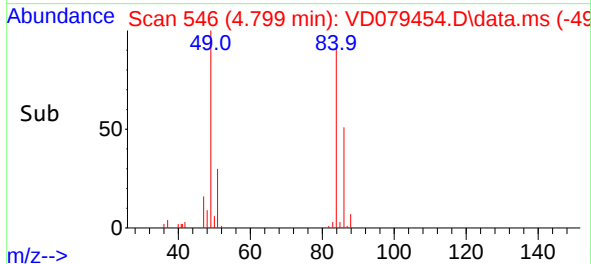
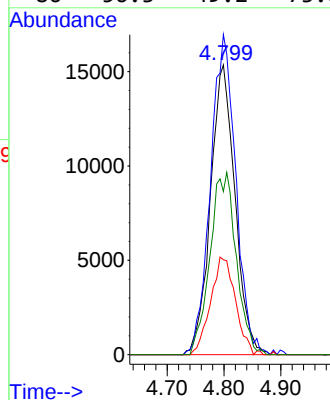
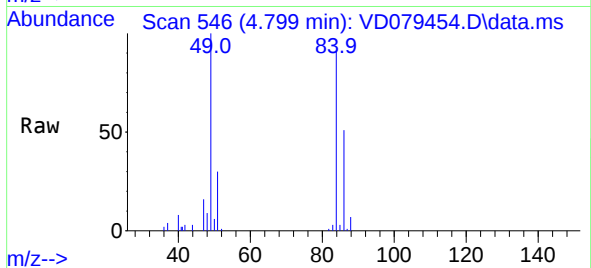


#20
Methylene Chloride
Concen: 9.443 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

Tgt Ion: 84 Resp: 46261

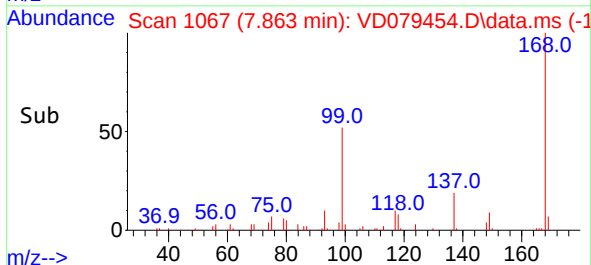
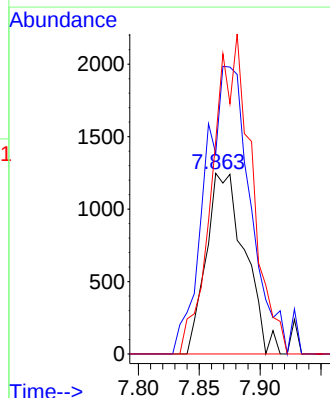
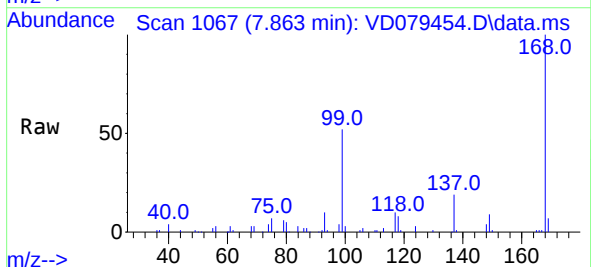
Ion	Ratio	Lower	Upper
84	100		
49	110.4	75.6	113.4
51	32.7	24.2	36.2
86	56.3	49.2	73.8

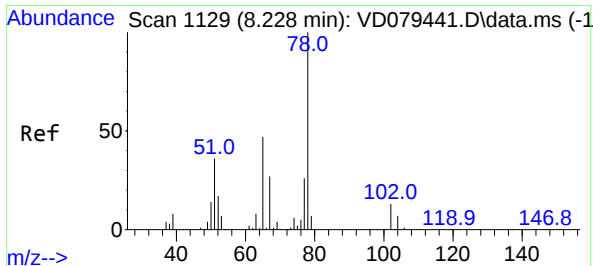


#31
Cyclohexane
Concen: 1.116 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.018 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 56 Resp: 2749

Ion	Ratio	Lower	Upper
56	100		
69	94.6	28.0	42.0#
84	117.9	87.4	131.0

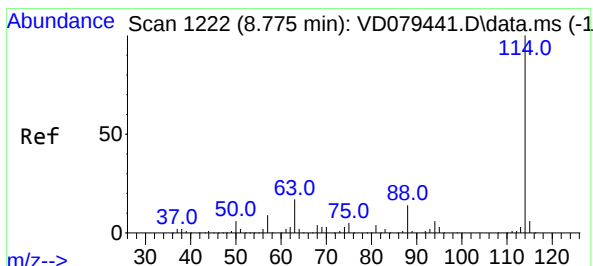
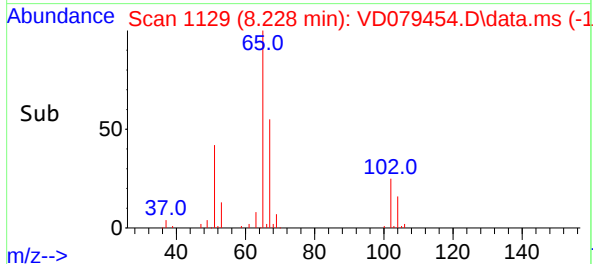
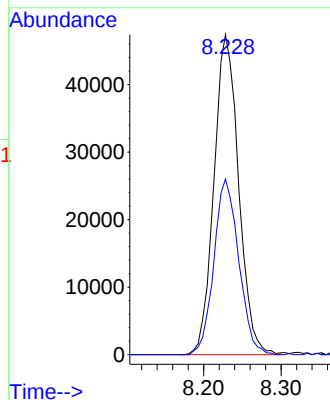
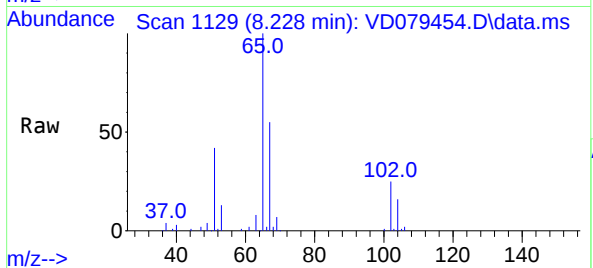




#33
1,2-Dichloroethane-d4
Concen: 70.813 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

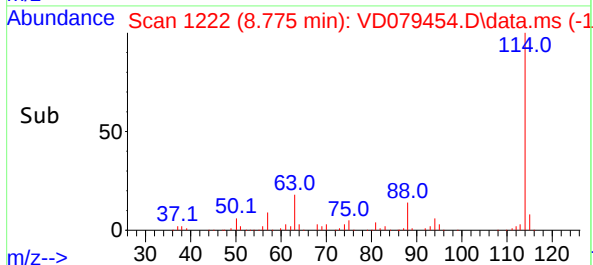
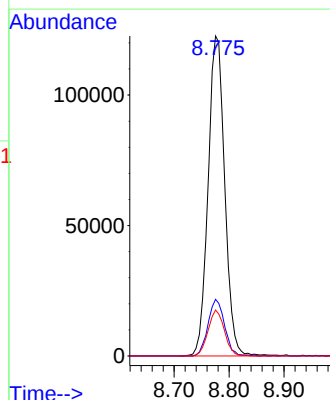
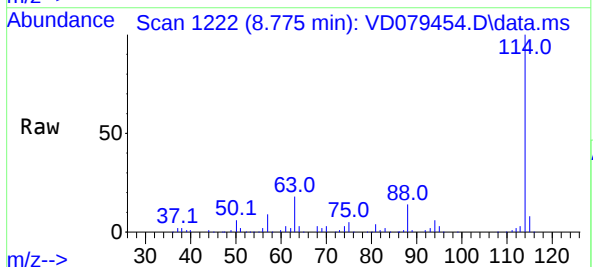
Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

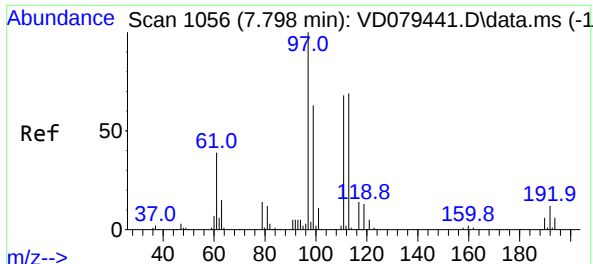
Tgt Ion: 65 Resp: 105059
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 114 Resp: 257963
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.0
88 14.4 0.0 27.2

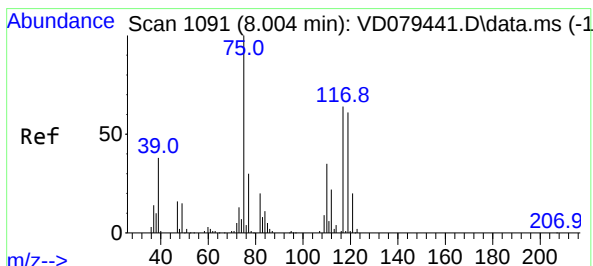
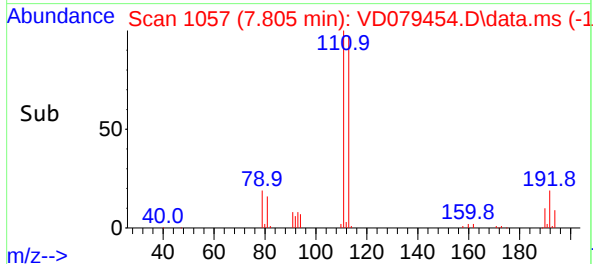
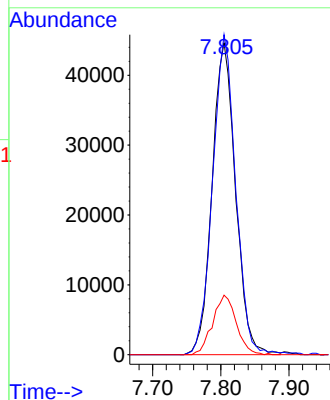
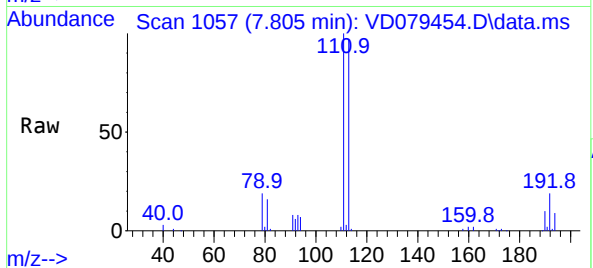




#35
Dibromofluoromethane
Concen: 61.176 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

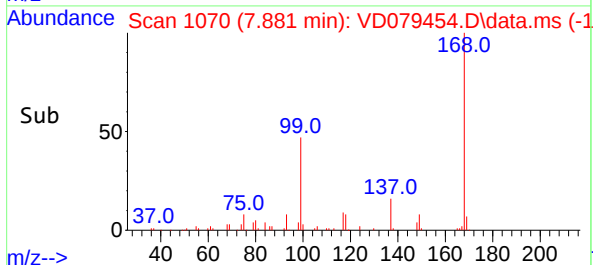
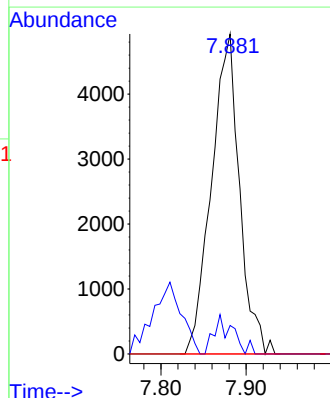
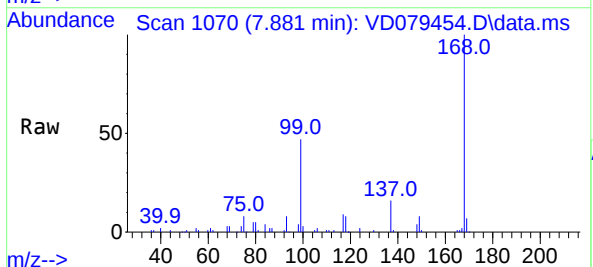
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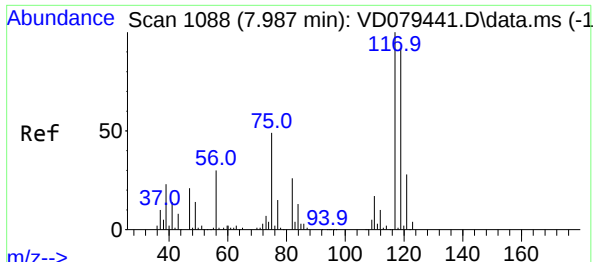
Tgt Ion:113 Resp: 106814
Ion Ratio Lower Upper
113 100
111 101.3 84.0 126.0
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.725 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

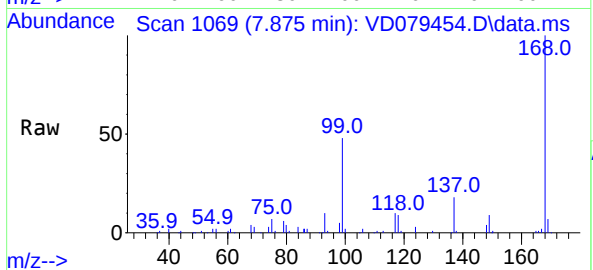
Tgt Ion: 75 Resp: 11260
Ion Ratio Lower Upper
75 100
110 7.6 19.6 58.7#
77 0.0 26.1 39.1#



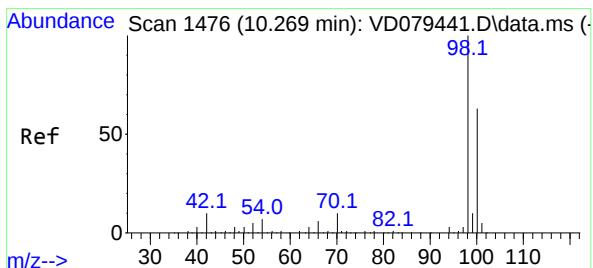
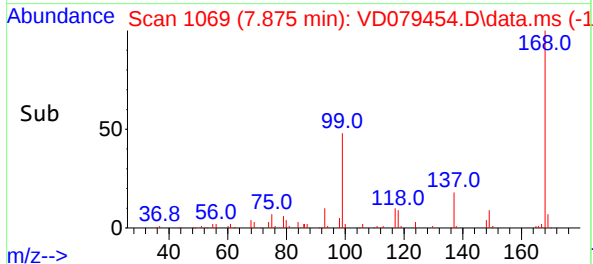
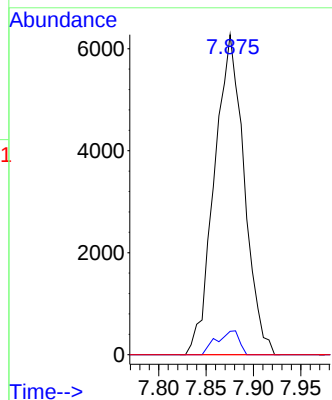


#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

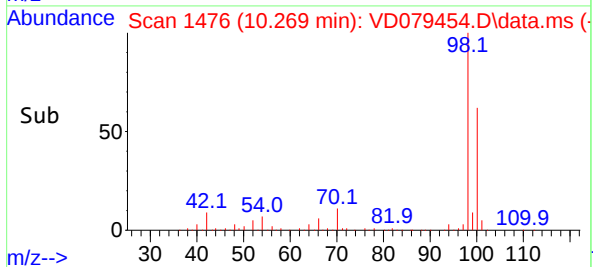
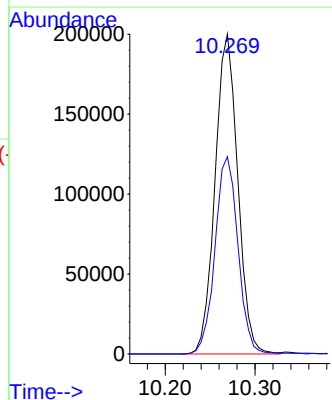
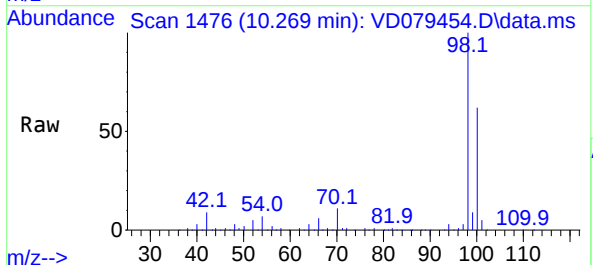


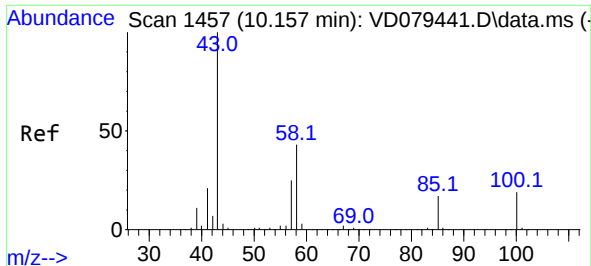
Tgt Ion:117 Resp: 13744
Ion Ratio Lower Upper
117 100
119 7.3 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.829 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 98 Resp: 351421
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4

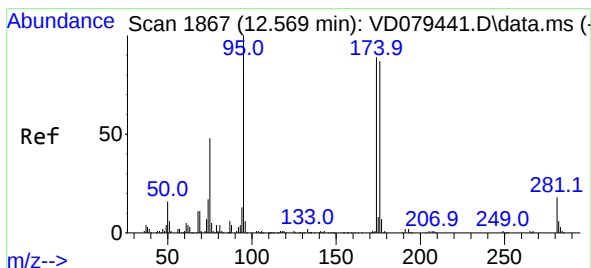
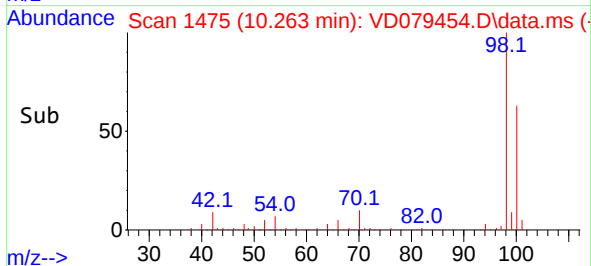
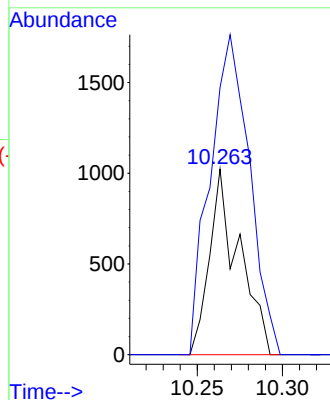
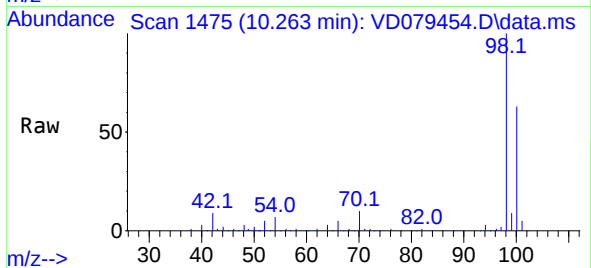




#51
4-Methyl-2-Pentanone
Concen: 1.320 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

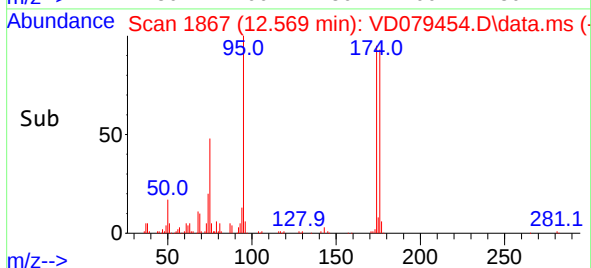
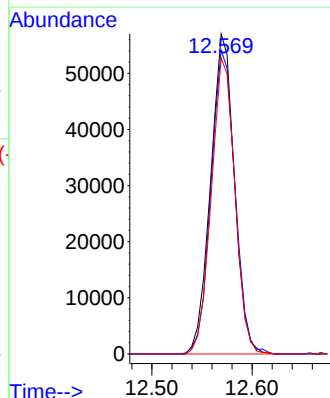
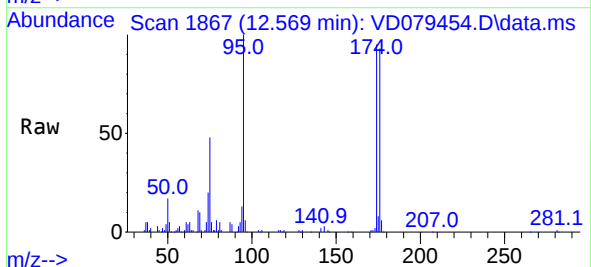
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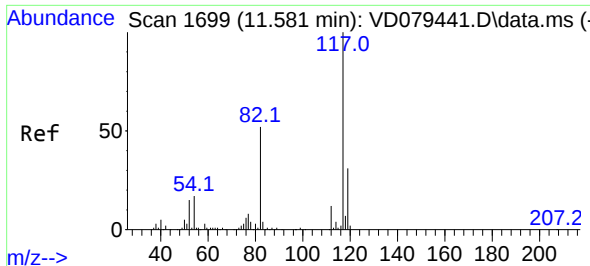
Tgt Ion: 43 Resp: 1238
Ion Ratio Lower Upper
43 100
58 229.6 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 47.571 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 95 Resp: 93339
Ion Ratio Lower Upper
95 100
174 96.1 0.0 195.4
176 91.7 0.0 192.6

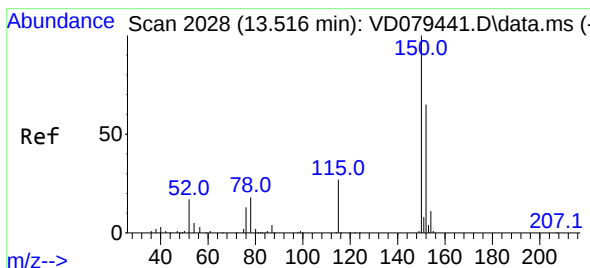
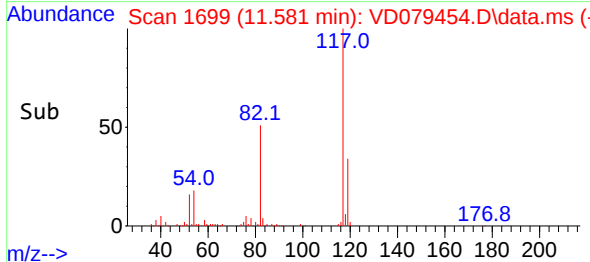
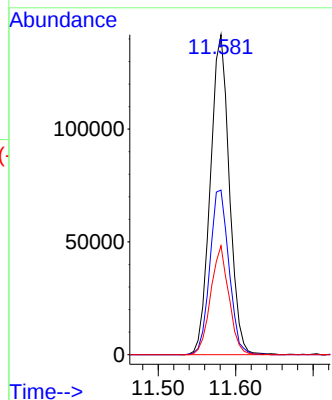
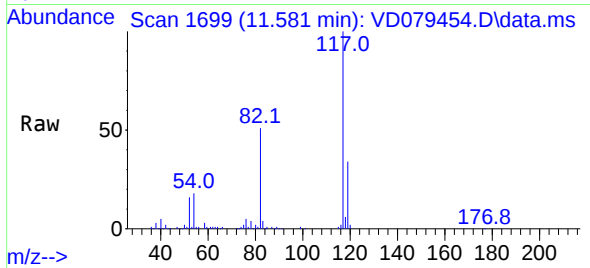




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

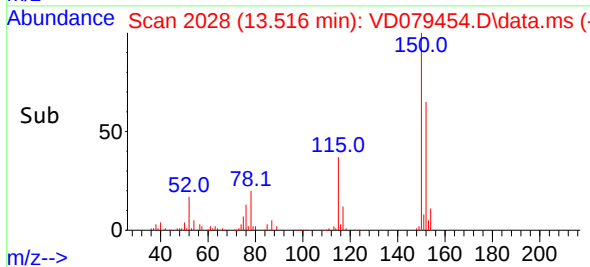
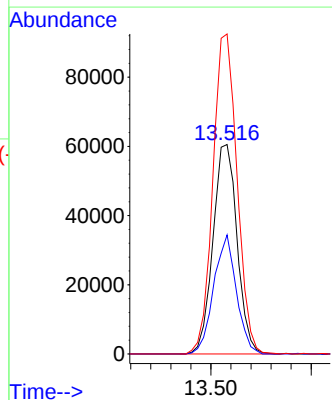
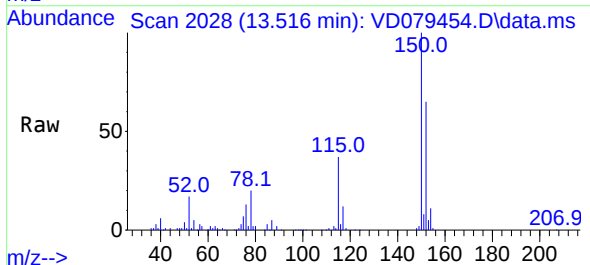
Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

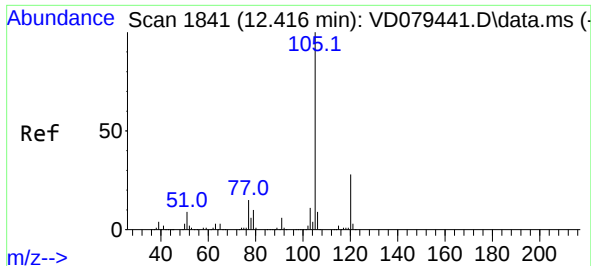
Tgt Ion:117 Resp: 241793
Ion Ratio Lower Upper
117 100
82 51.4 39.8 59.6
119 34.0 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion:152 Resp: 101031
Ion Ratio Lower Upper
152 100
115 53.5 26.5 79.5
150 153.0 0.0 341.6

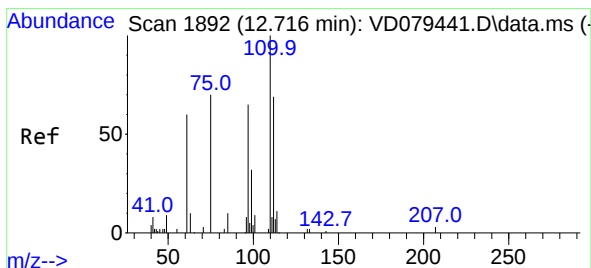
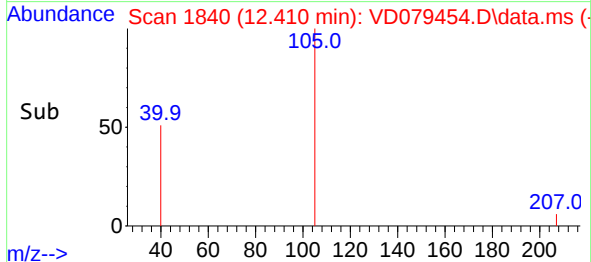
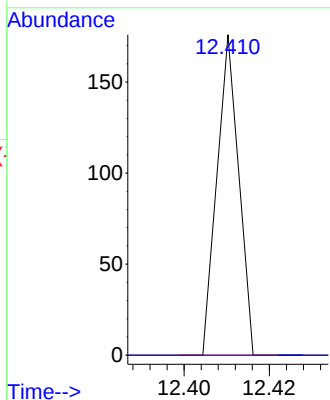
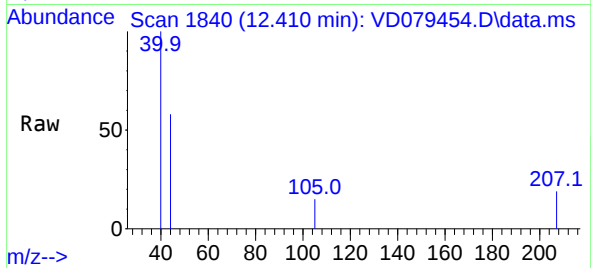




#73
Isopropylbenzene
Concen: 3.635 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

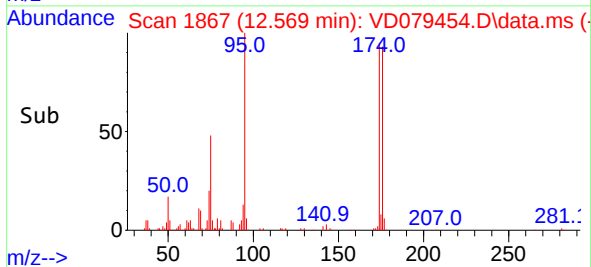
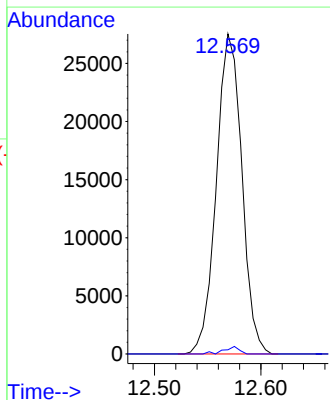
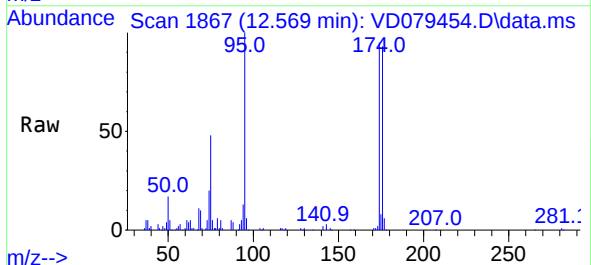
Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

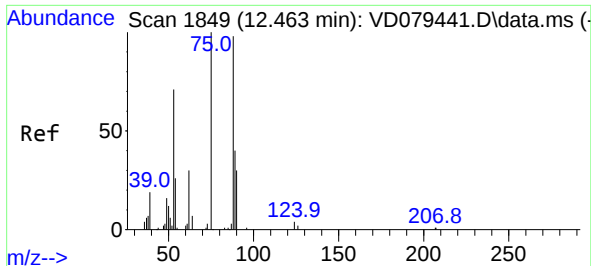
Tgt Ion:105 Resp: 62
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#



#76
1,2,3-Trichloropropane
Concen: 51.733 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 75 Resp: 45686
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

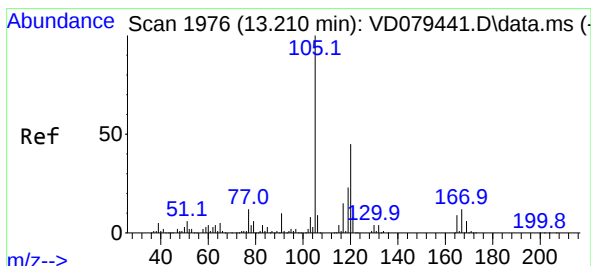
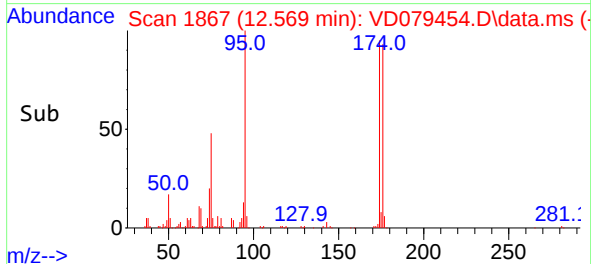
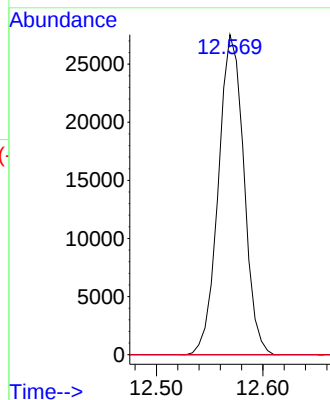
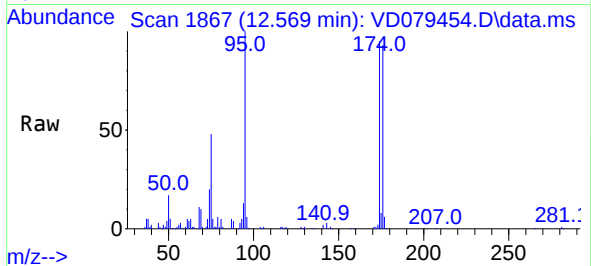




#81
trans-1,4-Dichloro-2-butene
Concen: 98.669 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.100 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

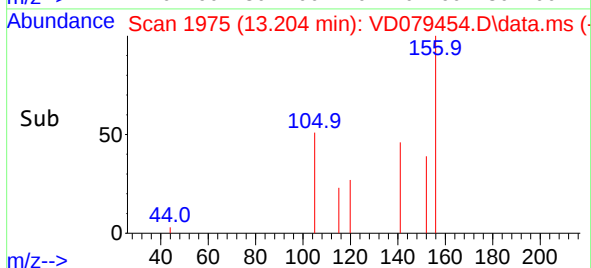
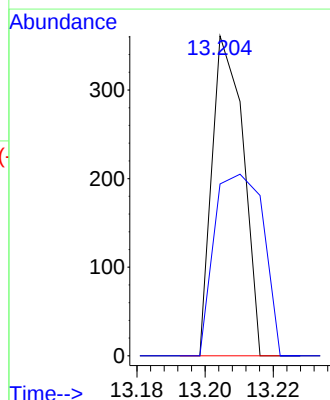
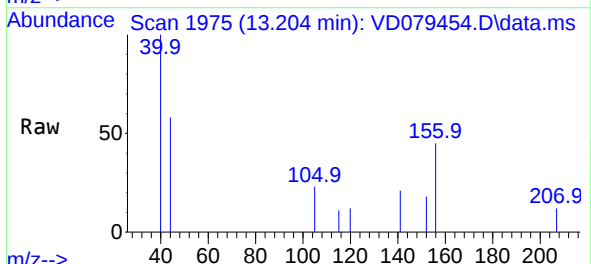
Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

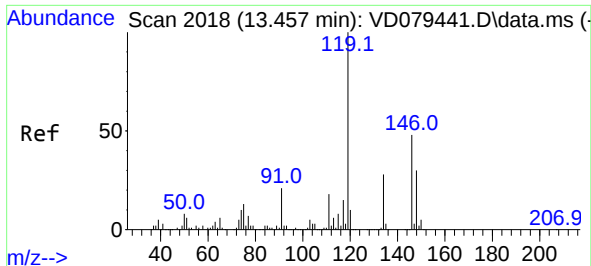
Tgt Ion: 75 Resp: 45686
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#84
1,2,4-Trimethylbenzene
Concen: 3.462 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 105 Resp: 229
Ion Ratio Lower Upper
105 100
120 89.5 23.6 71.0#

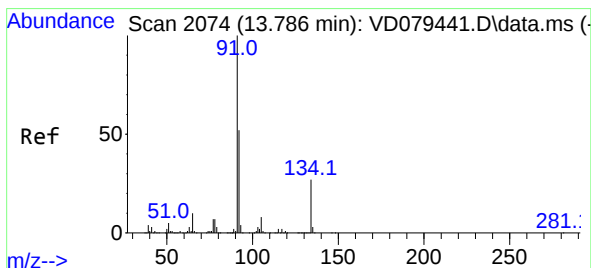
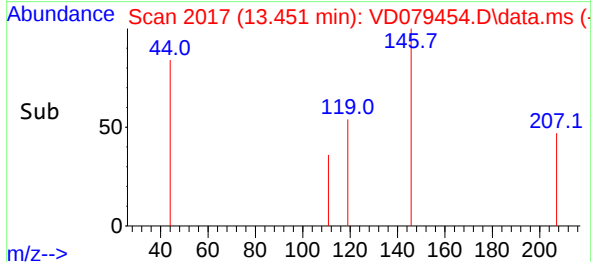
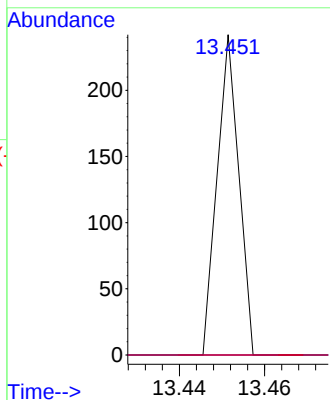
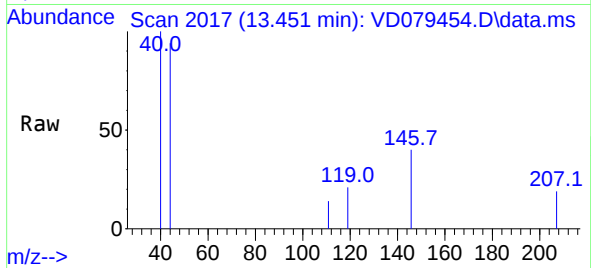




#86
p-Isopropyltoluene
Concen: 3.897 ug/l
RT: 13.451 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Instrument :
MSVOA_D
ClientSampleId :
72-11978RE

Tgt Ion:119 Resp: 85
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 0.0 10.7 32.1#



#89
n-Butylbenzene
Concen: 3.841 ug/l
RT: 13.793 min Scan# 2075
Delta R.T. 0.012 min
Lab File: VD079454.D
Acq: 30 Jul 2024 13:08

Tgt Ion: 91 Resp: 417
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

