

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079495.D
 Acq On : 31 Jul 2024 14:33
 Operator : RP/MD
 Sample : P3376-13
 Misc : 4.83G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 31 16:03:04 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	136511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	218733	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	124111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	17842	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	91628	66.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.140%	
35) Dibromofluoromethane	7.799	113	98191	66.323	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.640%	
50) Toluene-d8	10.269	98	254663	44.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.580%	
62) 4-Bromofluorobenzene	12.569	95	27927	16.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 33.580%	

Target Compounds

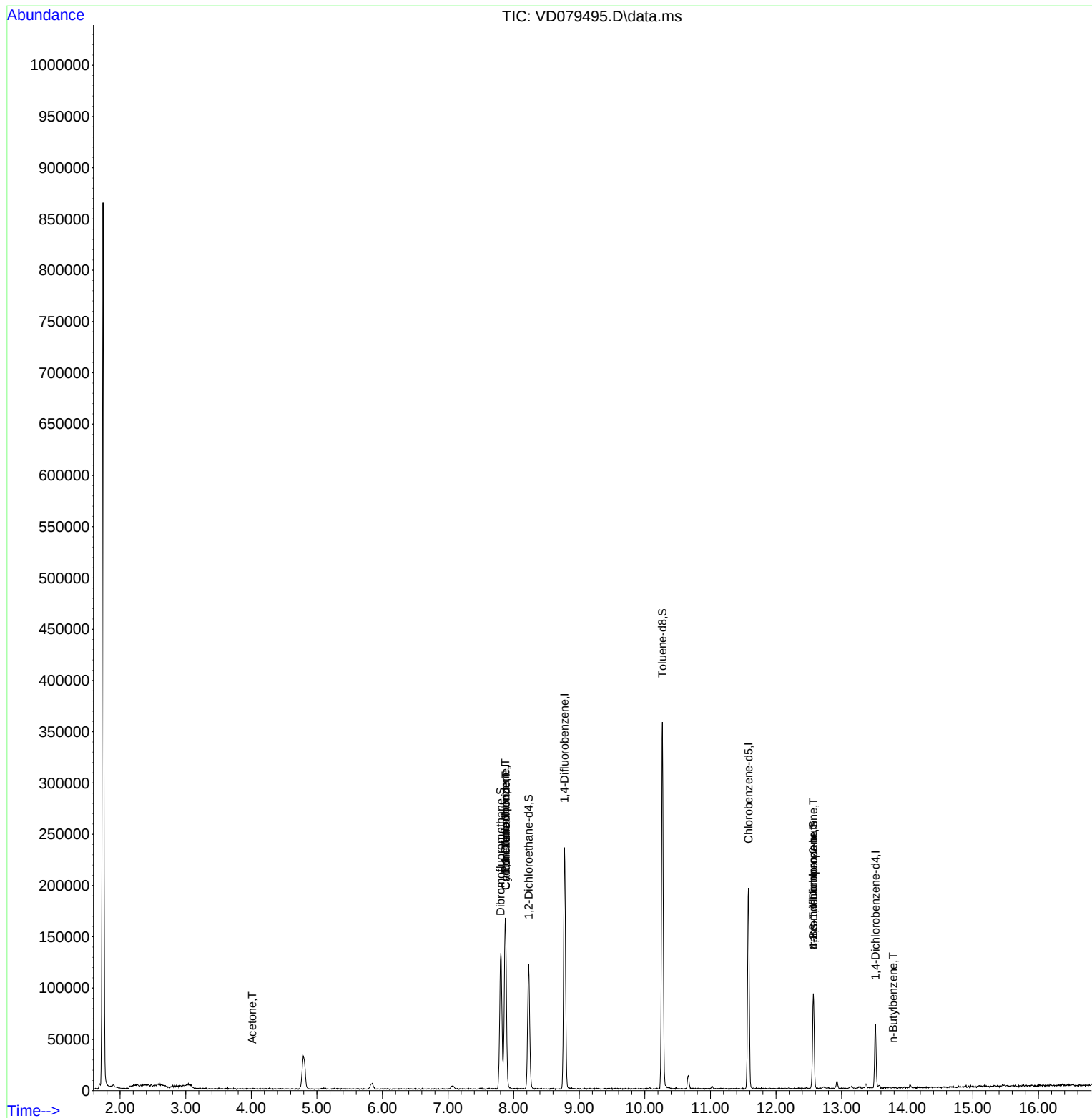
					Qvalue	
5) Bromomethane	2.687	94	494	Below Cal		92
11) Tert butyl alcohol	5.069	59	78	Below Cal	#	86
16) Acetone	4.016	43	311	1.154	ug/l #	37
20) Methylene Chloride	4.799	84	27404	Below Cal	#	84
31) Cyclohexane	7.881	56	2974	1.291	ug/l #	59
36) 1,1-Dichloropropene	7.875	75	10336	5.115	ug/l #	47
38) Carbon Tetrachloride	7.881	117	12942	6.093	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	13840	88.743	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	13840	169.256	ug/l #	19
89) n-Butylbenzene	13.787	91	68	3.837	ug/l #	34

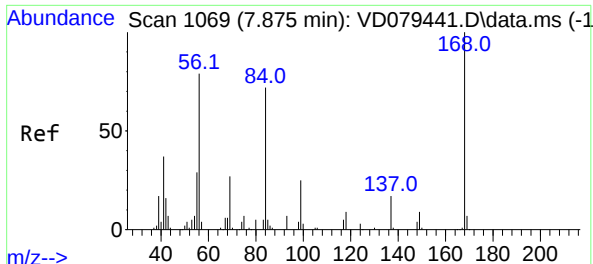
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD079495.D
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Sample : P3376-13
Misc : 4.83G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 31 16:03:04 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

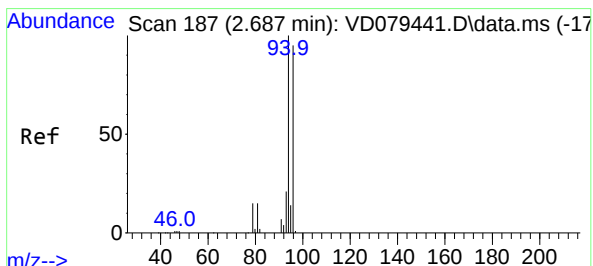
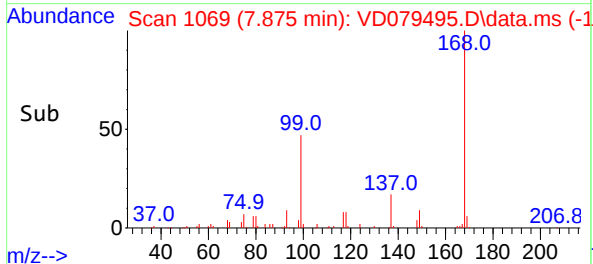
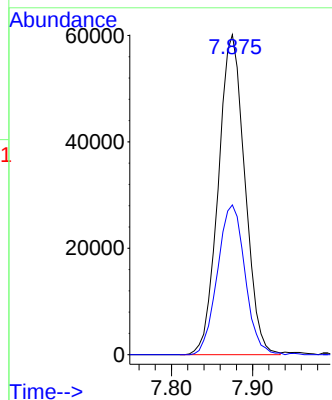
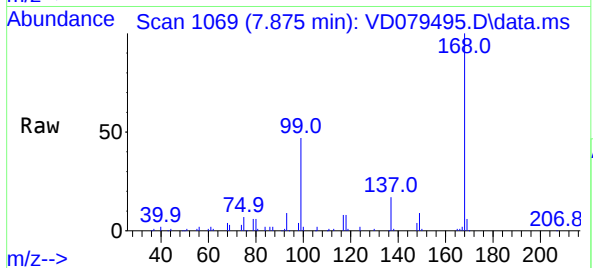




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

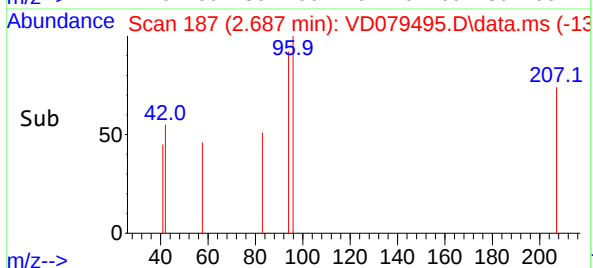
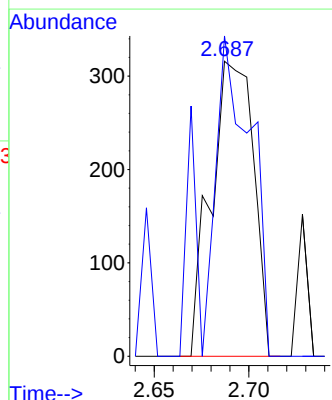
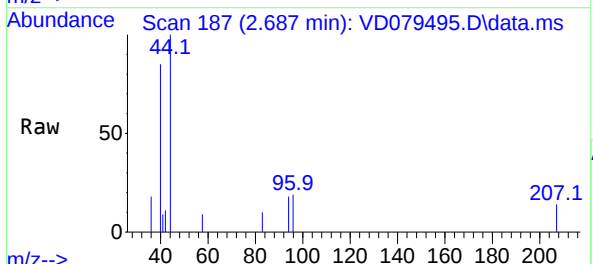
Instrument :
MSVOA_D
ClientSampleId :

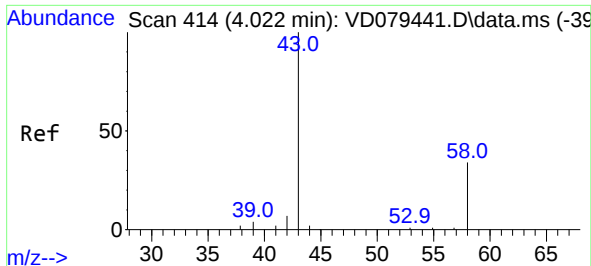
Tgt Ion:168 Resp: 136511
Ion Ratio Lower Upper
168 100
99 46.8 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Tgt Ion: 94 Resp: 494
Ion Ratio Lower Upper
94 100
96 88.5 76.9 115.3

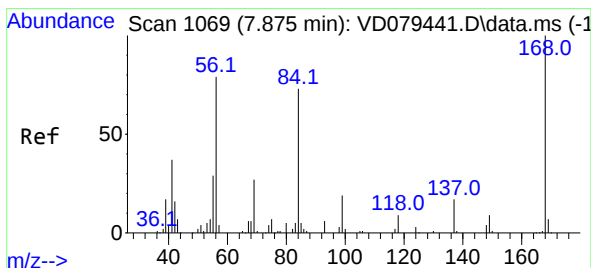
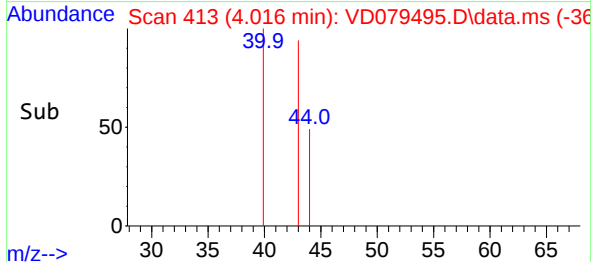
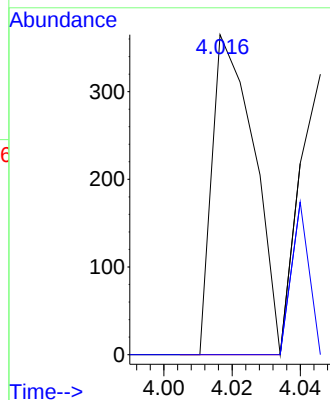
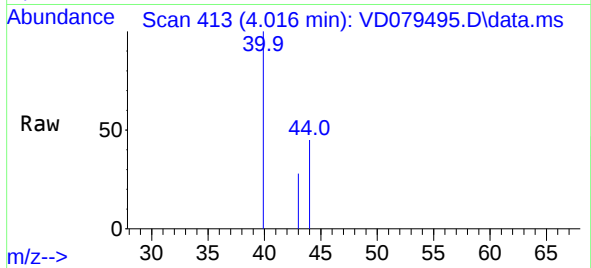




#16
Acetone
Concen: 1.154 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

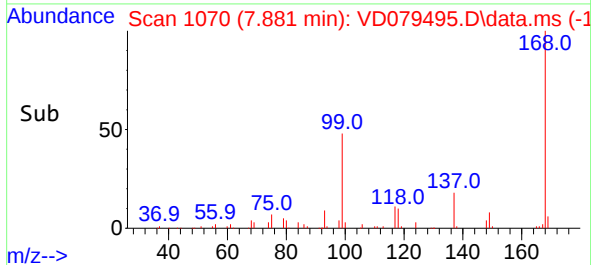
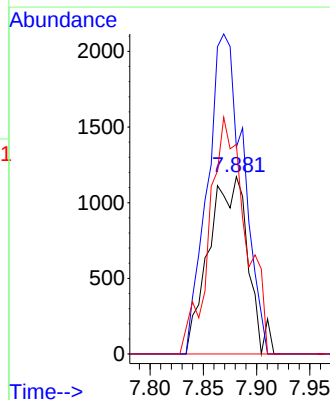
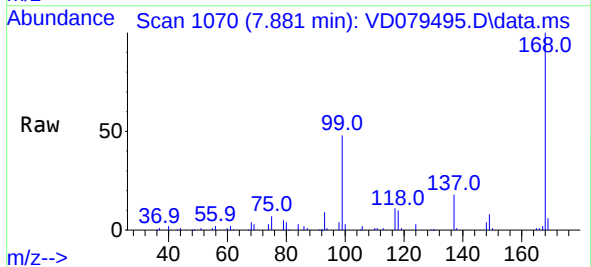
Instrument :
MSVOA_D
ClientSampleId :

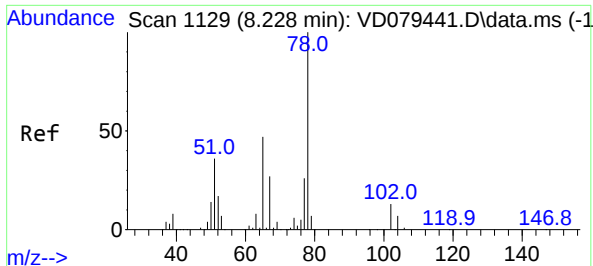
Tgt Ion: 43 Resp: 311
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Tgt Ion: 56 Resp: 2974
Ion Ratio Lower Upper
56 100
69 116.6 28.0 42.0#
84 118.2 87.4 131.0

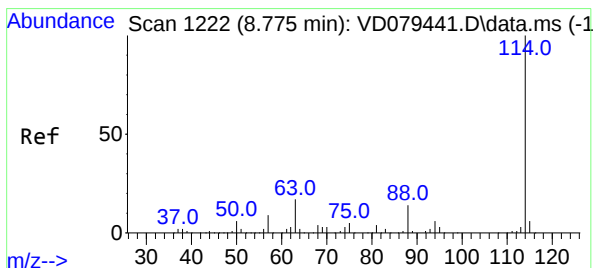
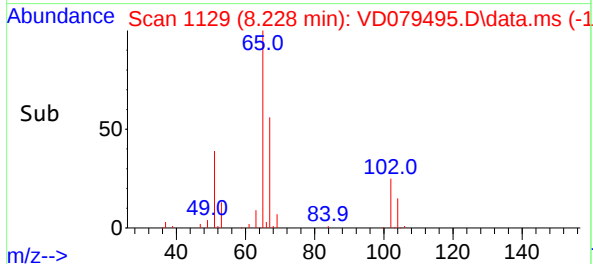
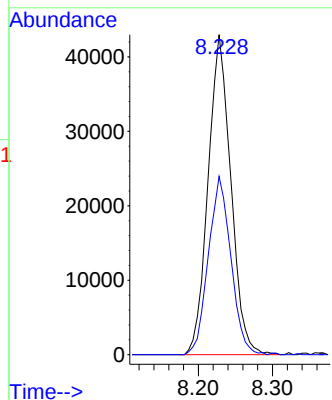
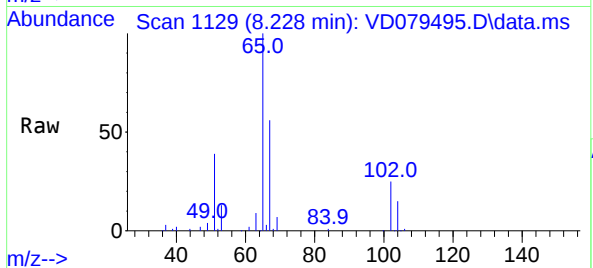




#33
1,2-Dichloroethane-d4
Concen: 66.070 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

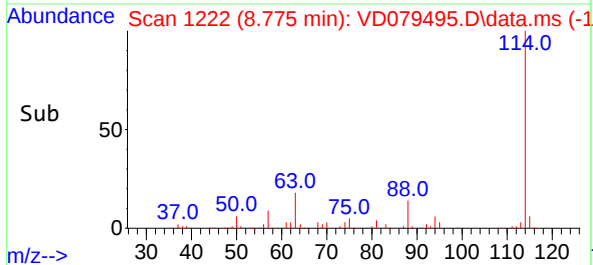
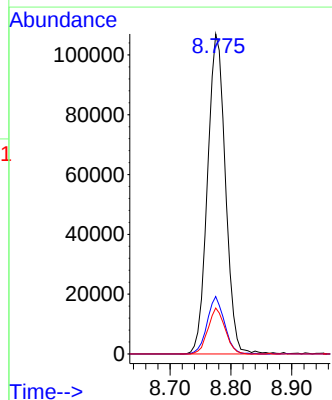
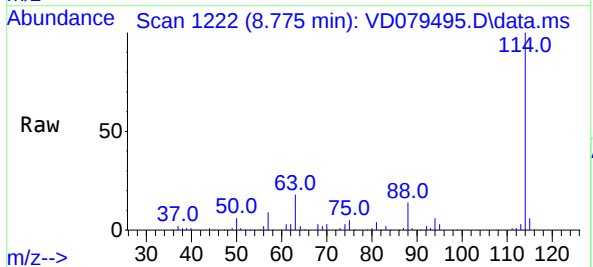
Instrument :
MSVOA_D
ClientSampleId :

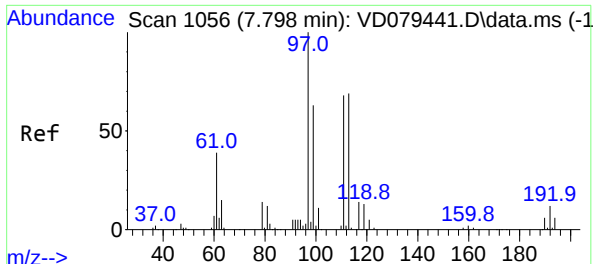
Tgt Ion: 65 Resp: 91628
Ion Ratio Lower Upper
65 100
67 55.1 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

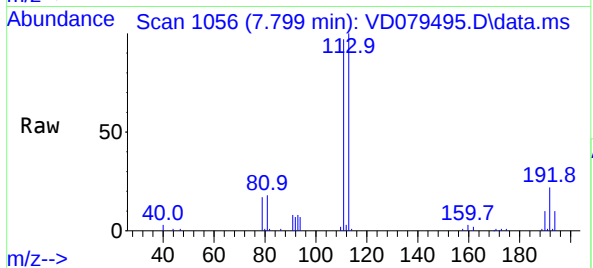
Tgt Ion:114 Resp: 218733
Ion Ratio Lower Upper
114 100
63 18.0 0.0 34.0
88 14.4 0.0 27.2



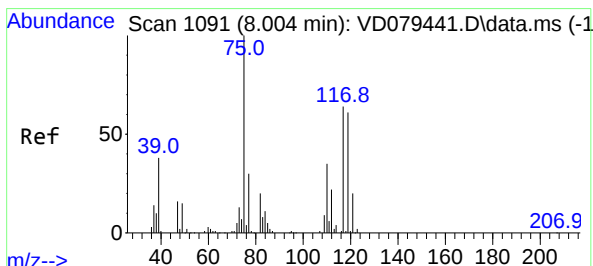
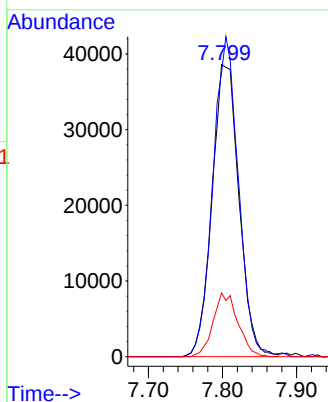
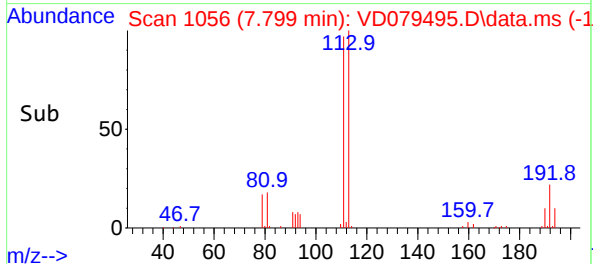


#35
Dibromofluoromethane
Concen: 66.323 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Instrument :
MSVOA_D
ClientSampleId :

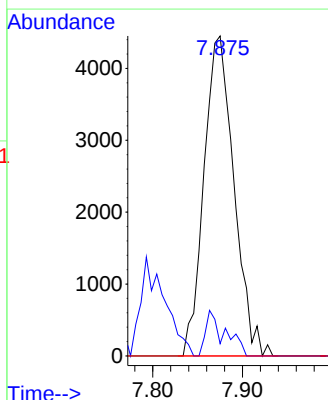
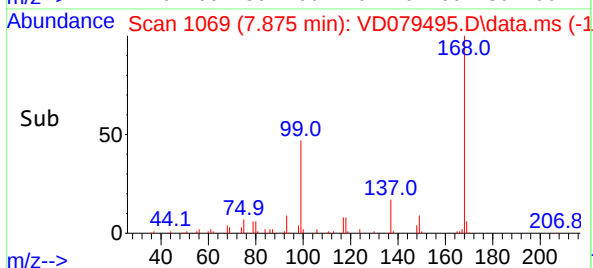
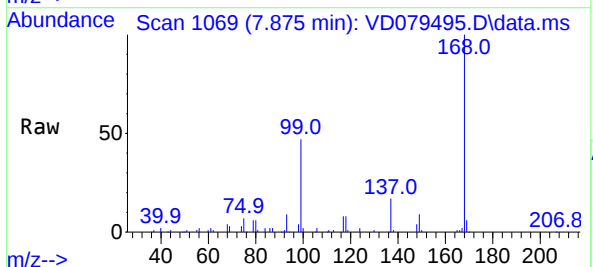


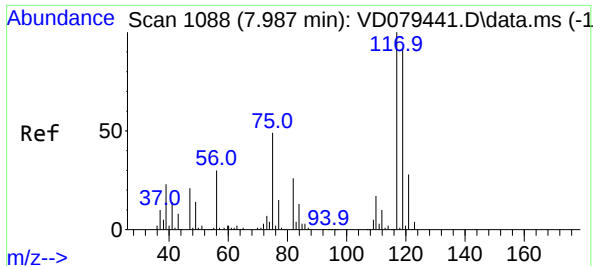
Tgt Ion:113 Resp: 98191
Ion Ratio Lower Upper
113 100
111 102.6 84.0 126.0
192 19.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.115 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

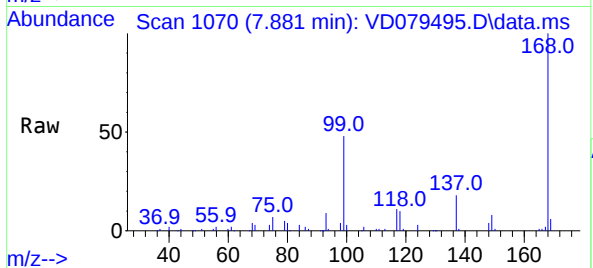
Tgt Ion: 75 Resp: 10336
Ion Ratio Lower Upper
75 100
110 9.1 19.6 58.7#
77 0.0 26.1 39.1#



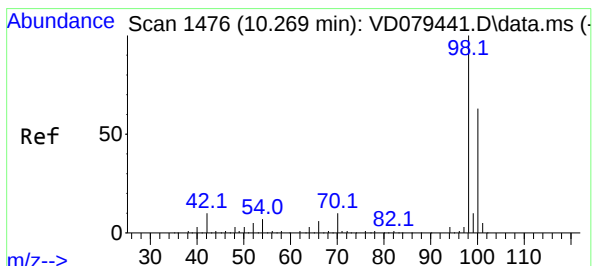
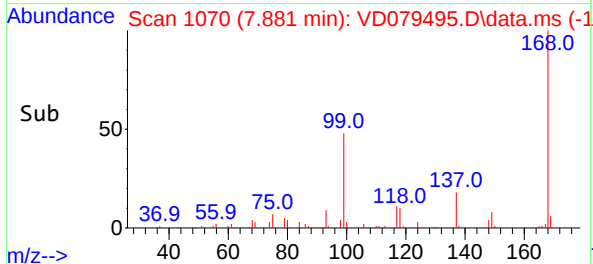
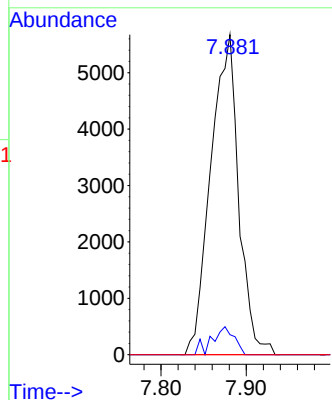


#38
Carbon Tetrachloride
Concen: 6.093 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Instrument :
MSVOA_D
ClientSampleId :

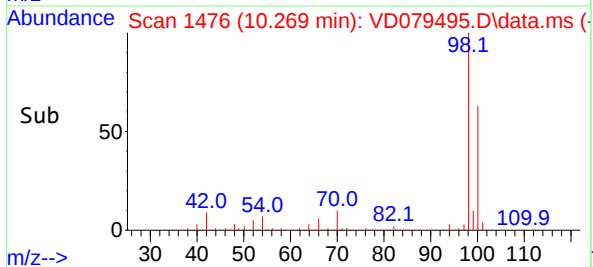
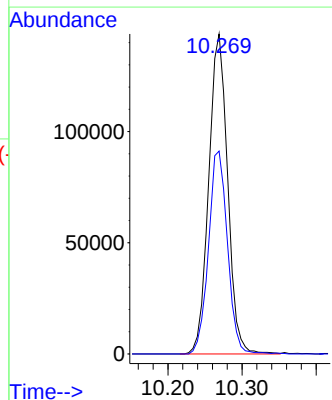
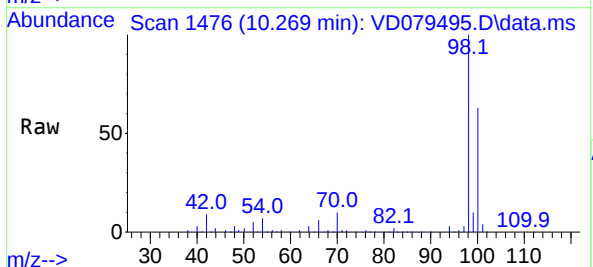


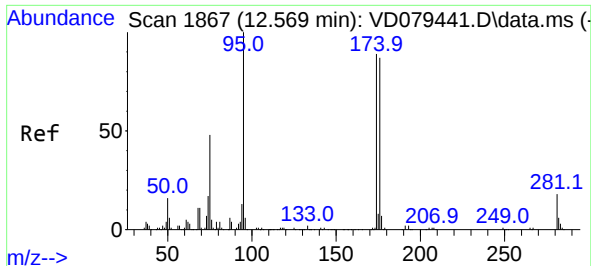
Tgt Ion:117 Resp: 12942
Ion Ratio Lower Upper
117 100
119 6.2 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 44.295 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Tgt Ion: 98 Resp: 254663
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4



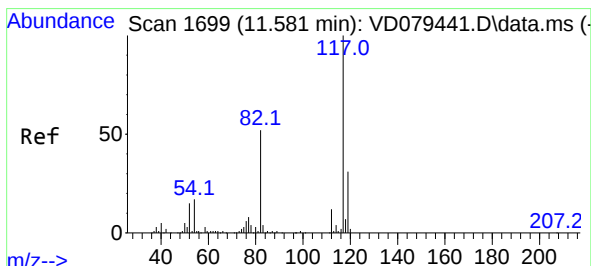
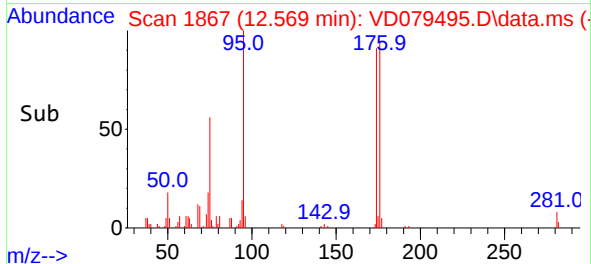
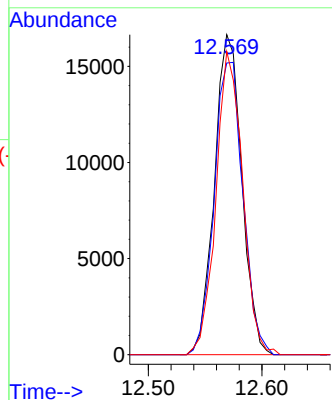
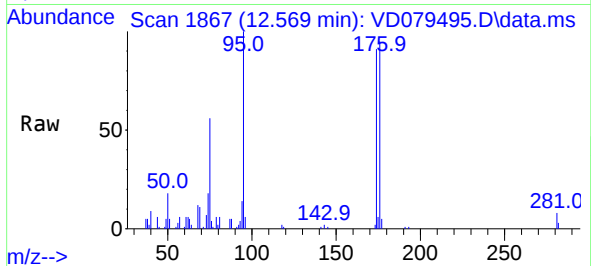


#62
4-Bromofluorobenzene
Concen: 16.786 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 27927

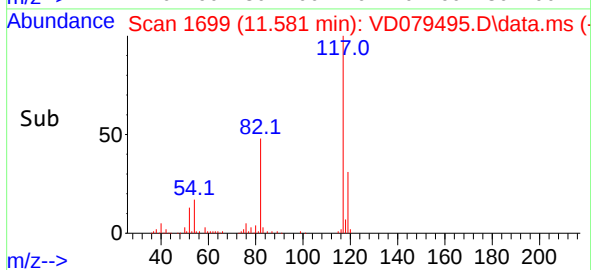
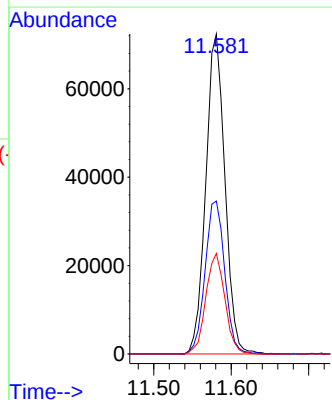
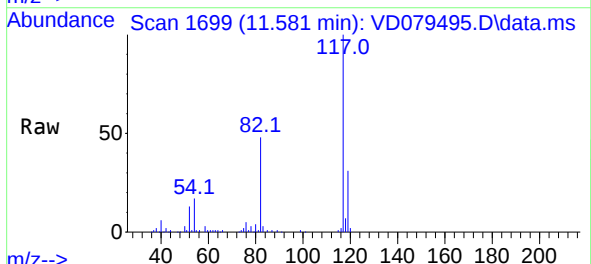
Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	195.4
176	92.0	0.0	192.6

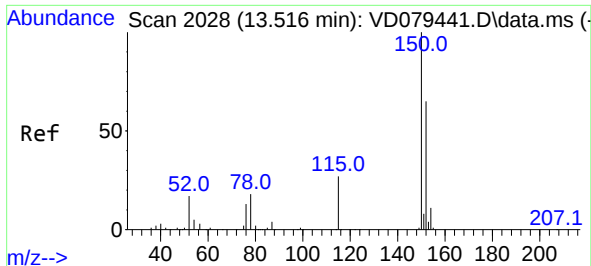


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Tgt Ion: 117 Resp: 124111

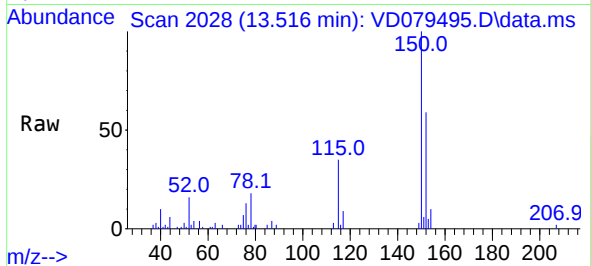
Ion	Ratio	Lower	Upper
117	100		
82	47.8	39.8	59.6
119	31.4	25.7	38.5



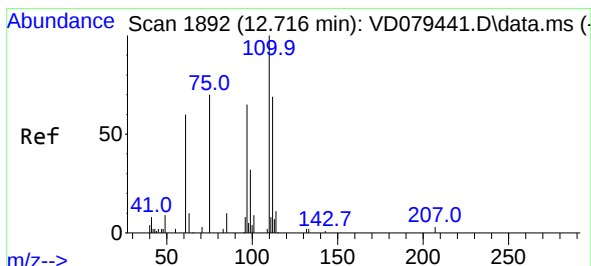
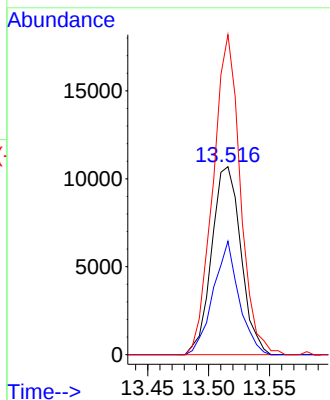
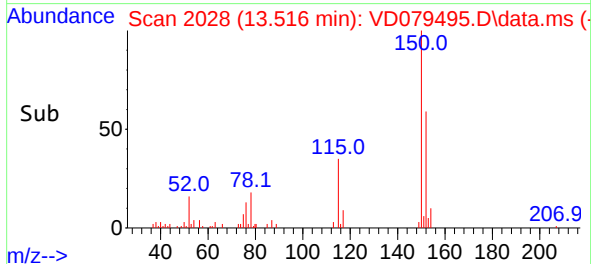


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

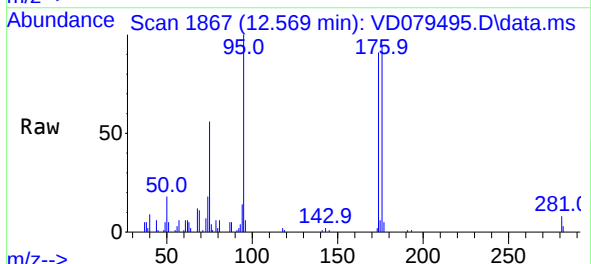
Instrument :
MSVOA_D
ClientSampleId :



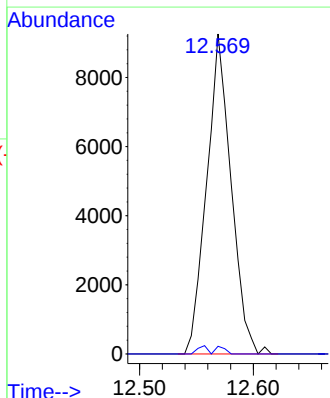
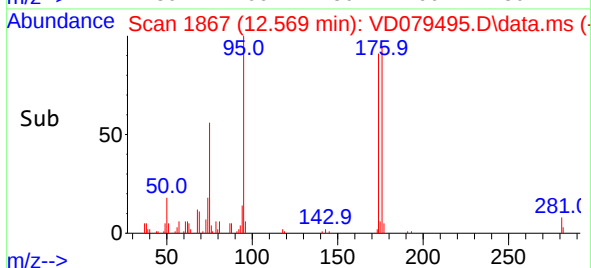
Tgt Ion:152 Resp: 17842
Ion Ratio Lower Upper
152 100
115 53.4 26.5 79.5
150 159.3 0.0 341.6

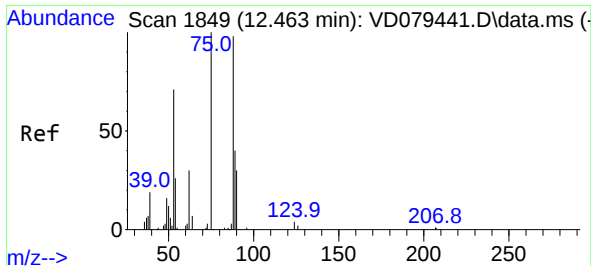


#76
1,2,3-Trichloropropane
Concen: 88.743 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33



Tgt Ion: 75 Resp: 13840
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

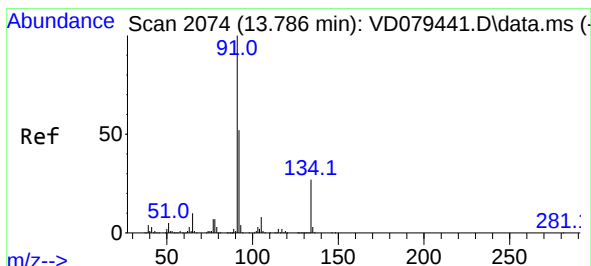
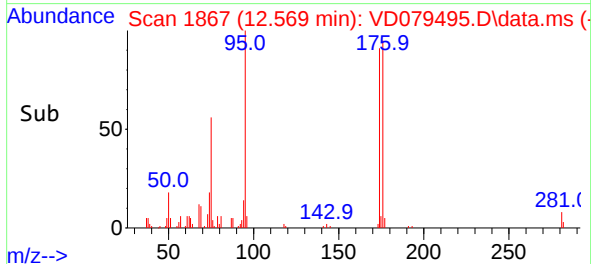
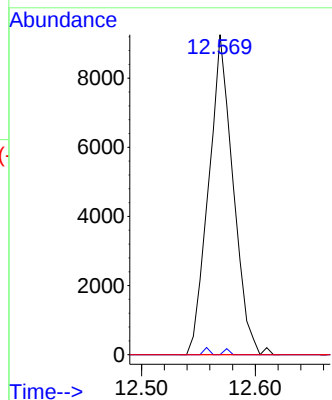
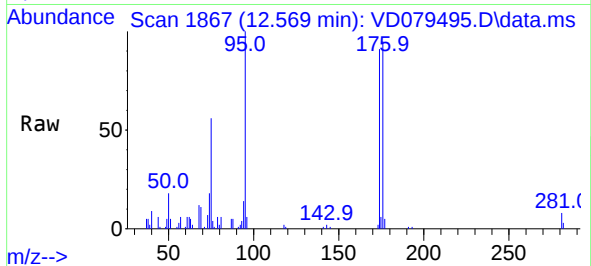




#81
trans-1,4-Dichloro-2-butene
Concen: 169.256 ug/l
RT: 12.569 min Scan# 1849
Delta R.T. 0.100 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 13840
Ion Ratio Lower Upper
75 100
53 0.5 61.4 92.2#
89 0.0 35.4 53.0#



#89
n-Butylbenzene
Concen: 3.837 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VD079495.D
Acq: 31 Jul 2024 14:33

Tgt Ion: 91 Resp: 68
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

