

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079465.D
 Acq On : 30 Jul 2024 18:11
 Operator : RP/MD
 Sample : P3379-17
 Misc : 6.20G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 31 01:55:51 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)

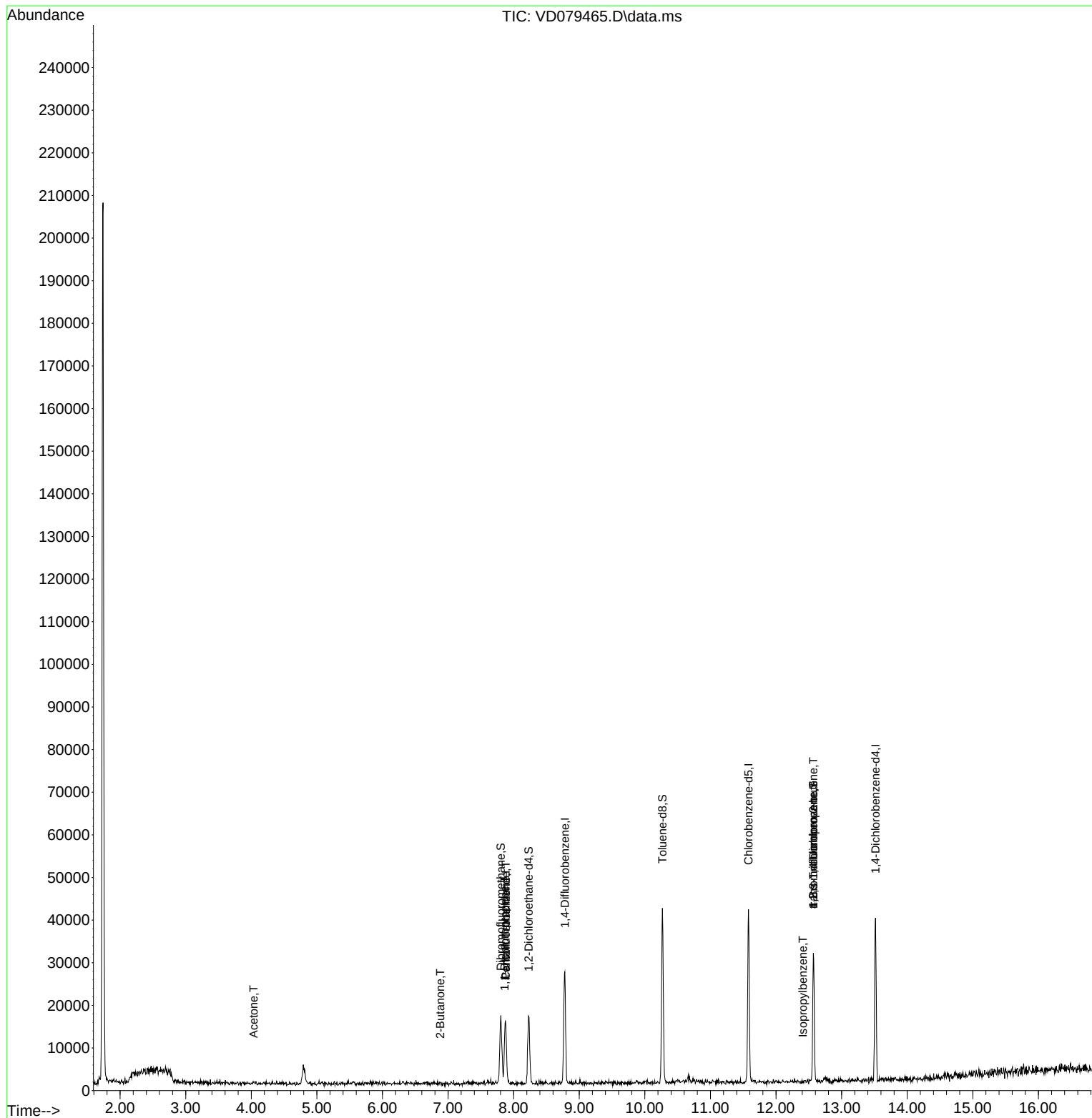
Internal Standards						
1) Pentafluorobenzene	7.881	168	13138	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	24929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	24846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11876	88.979	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 177.960%#		
35) Dibromofluoromethane	7.804	113	10755	63.741	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 127.480%		
50) Toluene-d8	10.269	98	30125	45.975	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 91.960%		
62) 4-Bromofluorobenzene	12.569	95	9724	51.283	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 102.560%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.681	94	288	Below Cal	#	35
16) Acetone	4.034	43	82	3.161	ug/l #	37
20) Methylene Chloride	4.793	84	2922	Below Cal		98
25) 2-Butanone	6.881	43	65	1.768	ug/l #	42
36) 1,1-Dichloropropene	7.863	75	929	4.034	ug/l #	39
38) Carbon Tetrachloride	7.881	117	1160	4.791	ug/l #	13
73) Isopropylbenzene	12.410	105	55	3.691	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	4277	45.441	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	4277	86.667	ug/l #	19

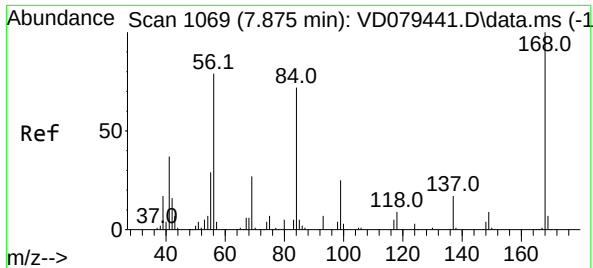
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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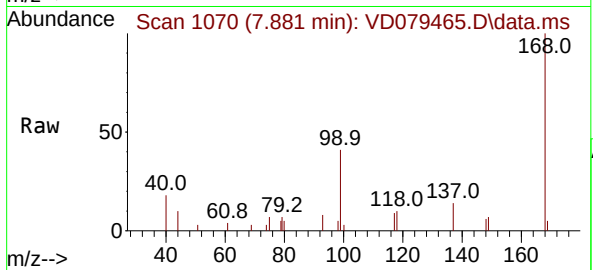
Quant Time: Jul 31 01:55:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



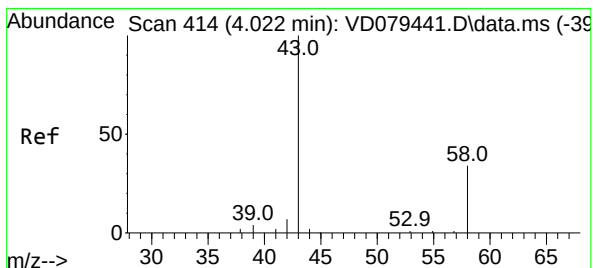
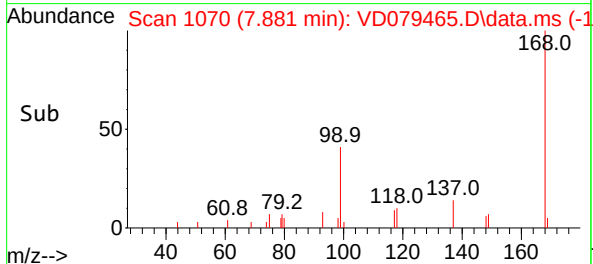
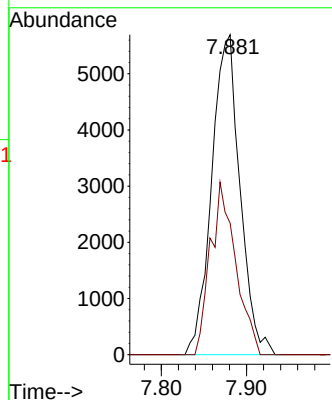


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

Instrument :
MSVOA_D
ClientSampleId :

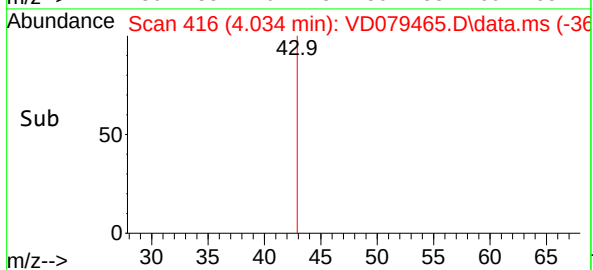
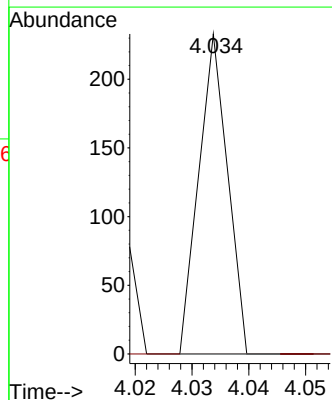
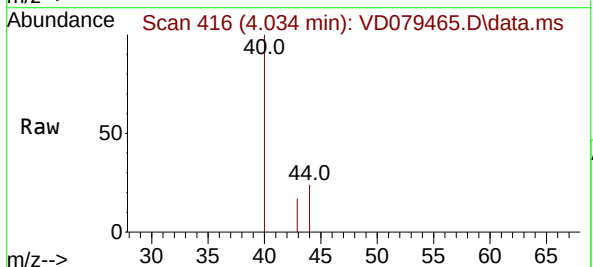


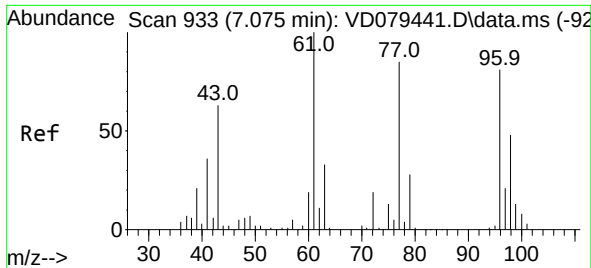
Tgt Ion:168 Resp: 13138
Ion Ratio Lower Upper
168 100
99 41.1 41.1 61.7#



#16
Acetone
Concen: 3.161 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.011 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

Tgt Ion: 43 Resp: 82
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

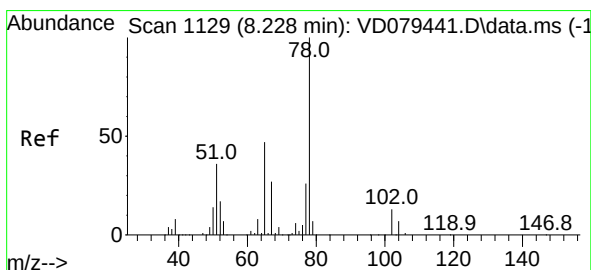
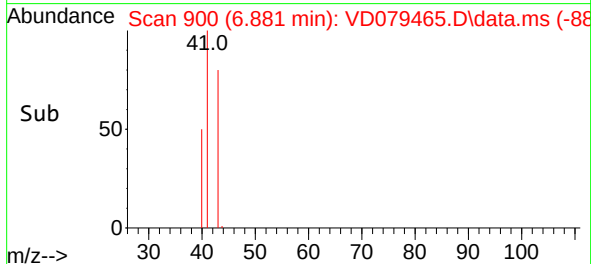
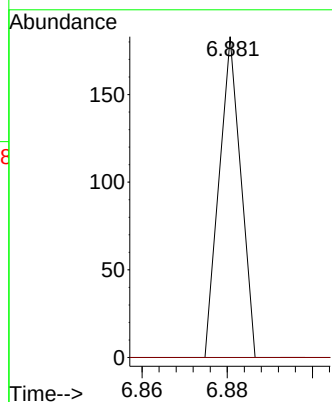
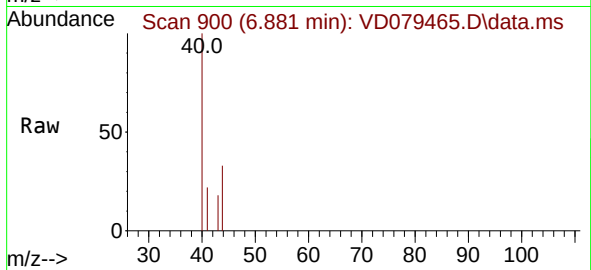




#25
2-Butanone
Concen: 1.768 ug/l
RT: 6.881 min Scan# 900
Delta R.T. -0.212 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

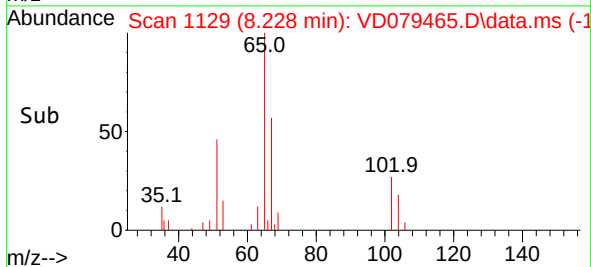
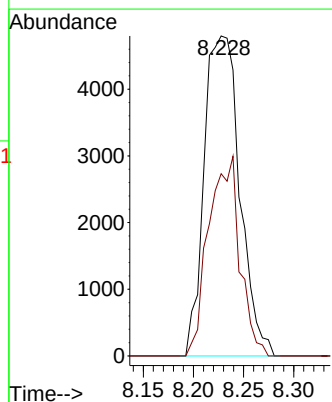
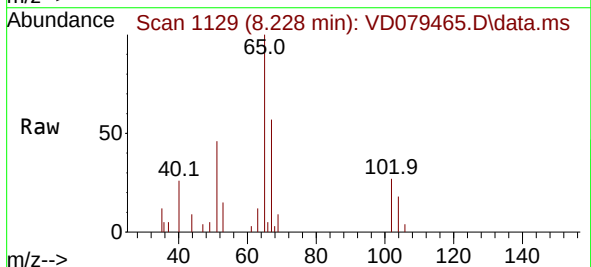
Instrument :
MSVOA_D
ClientSampleId :

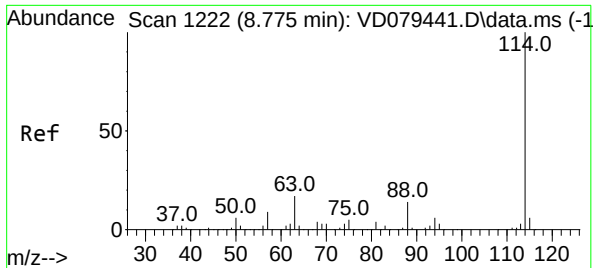
Tgt Ion: 43 Resp: 65
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#33
1,2-Dichloroethane-d4
Concen: 88.979 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

Tgt Ion: 65 Resp: 11876
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

Instrument :

MSVOA_D

ClientSampleId :

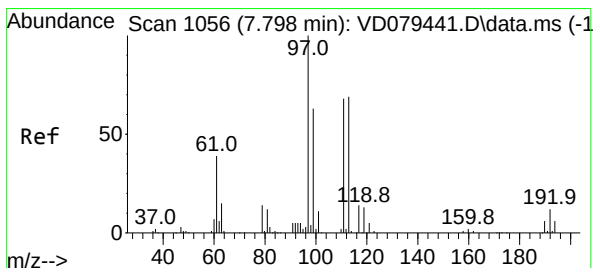
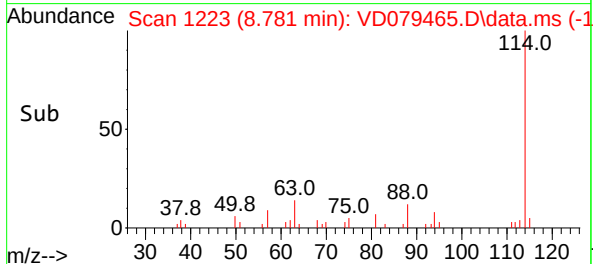
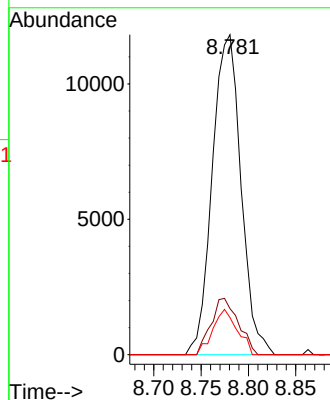
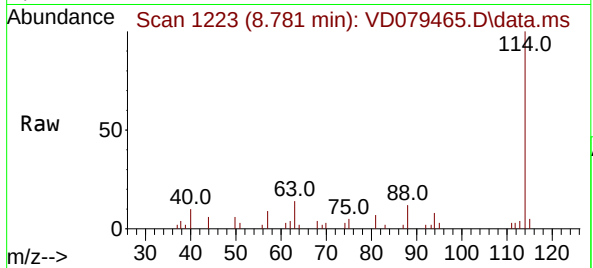
Tgt Ion:114 Resp: 24929

Ion Ratio Lower Upper

114 100

63 14.4 0.0 34.0

88 11.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 63.741 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

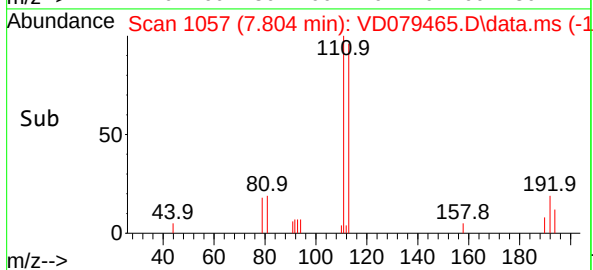
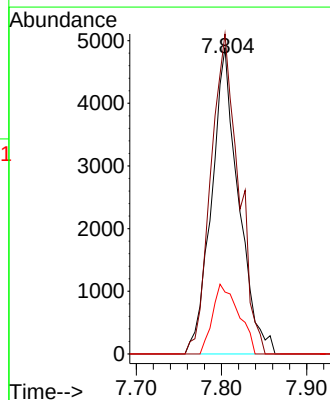
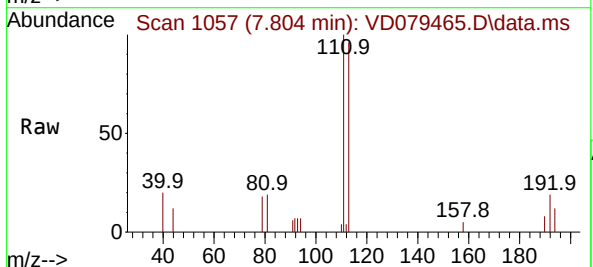
Tgt Ion:113 Resp: 10755

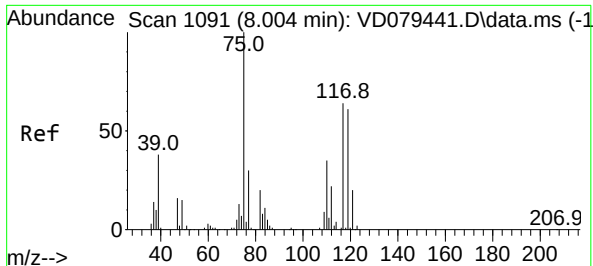
Ion Ratio Lower Upper

113 100

111 108.1 84.0 126.0

192 21.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.034 ug/l

RT: 7.863 min Scan# 1067

Delta R.T. -0.147 min

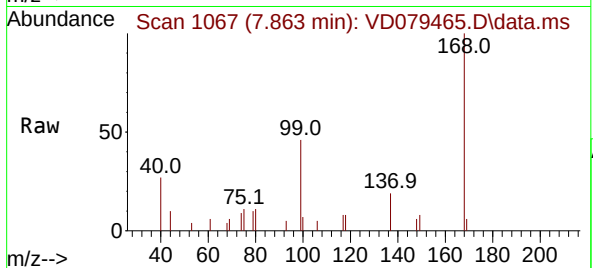
Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

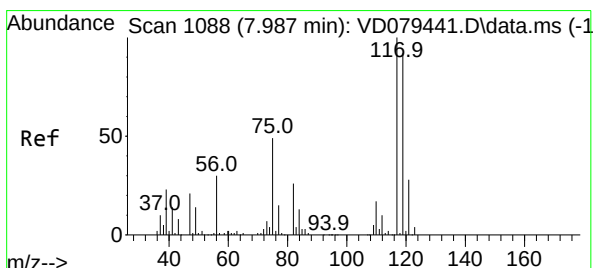
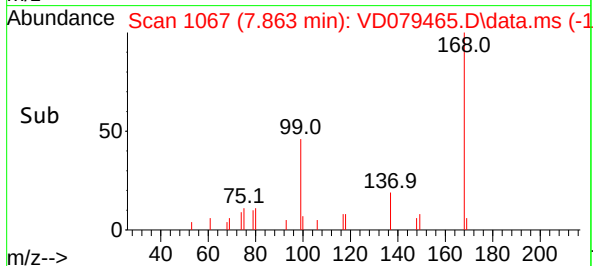
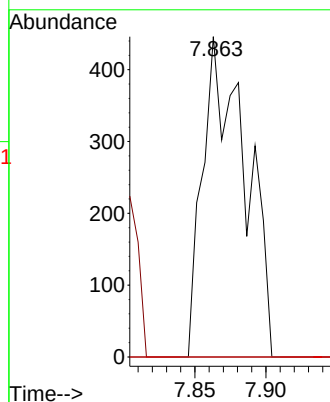
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 929
Ion Ratio	Lower Upper
75	100
110	0.0 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 4.791 ug/l

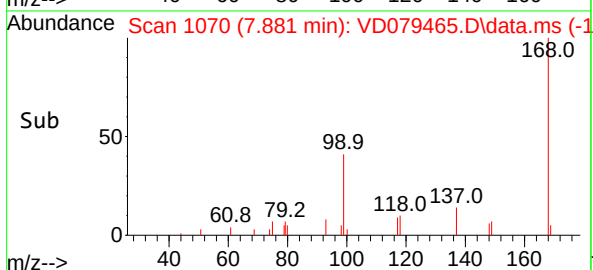
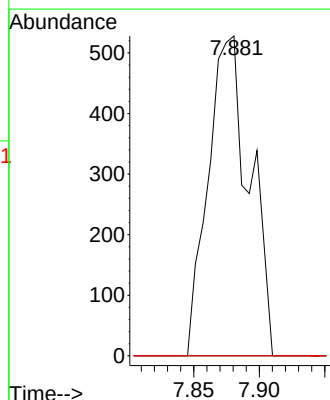
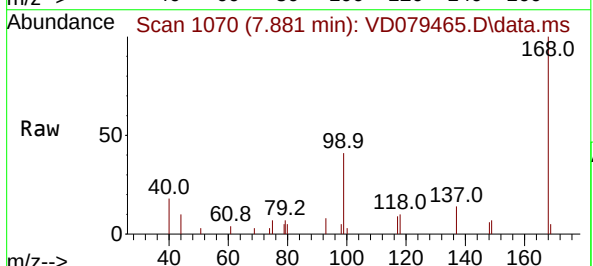
RT: 7.881 min Scan# 1070

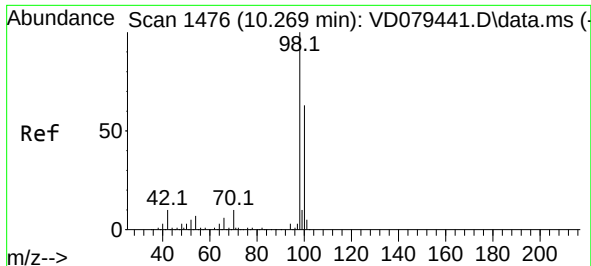
Delta R.T. -0.106 min

Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

Tgt Ion: 117	Resp: 1160
Ion Ratio	Lower Upper
117	100
119	0.0 75.4 113.0#
121	0.0 25.0 37.4#

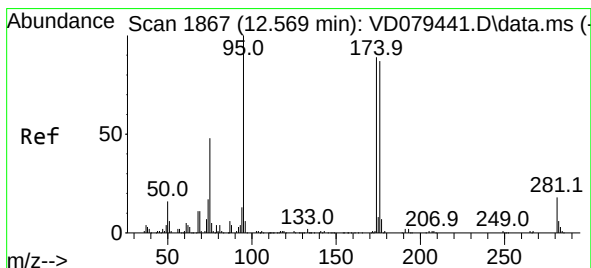
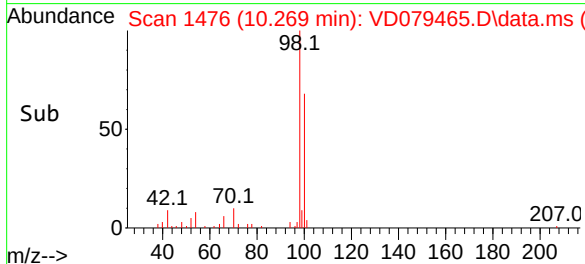
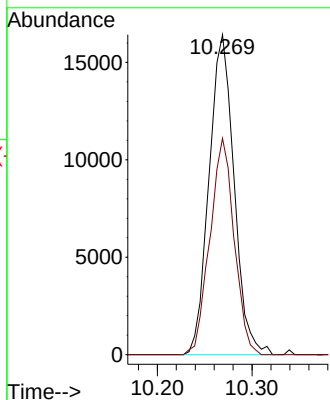
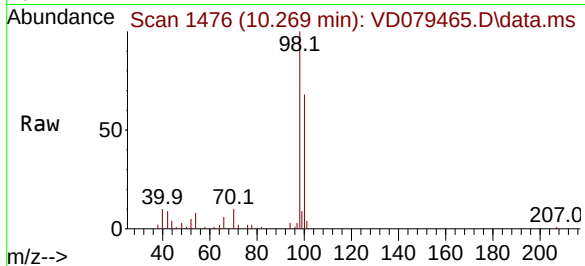




#50
Toluene-d8
Concen: 45.975 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.005 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

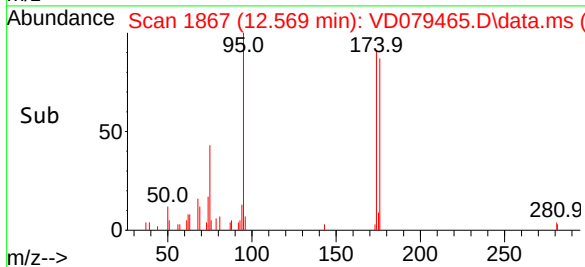
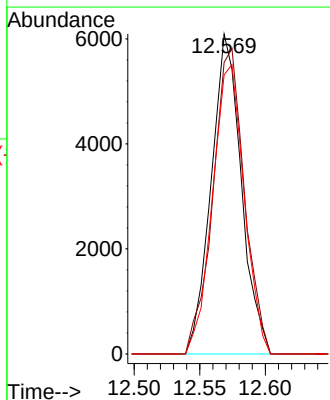
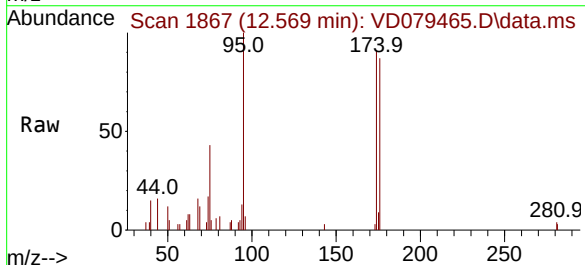
Instrument :
MSVOA_D
ClientSampleId :

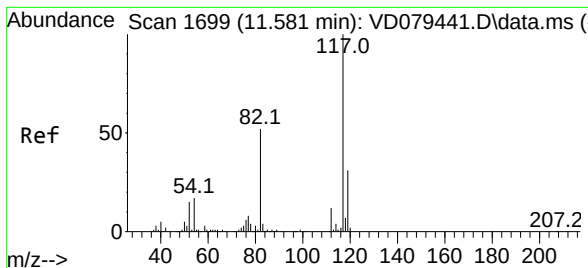
Tgt Ion: 98 Resp: 30125
Ion Ratio Lower Upper
98 100
100 65.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 51.283 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

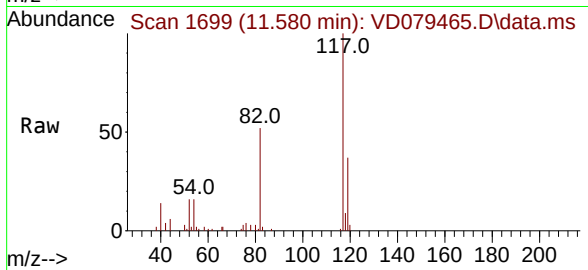
Tgt Ion: 95 Resp: 9724
Ion Ratio Lower Upper
95 100
174 99.9 0.0 195.4
176 94.9 0.0 192.6



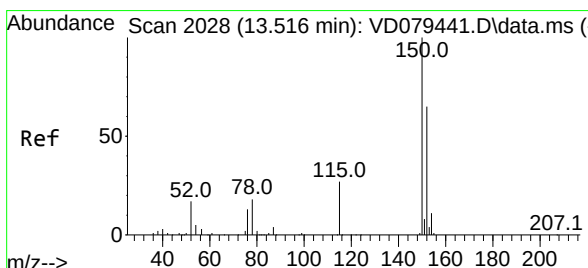
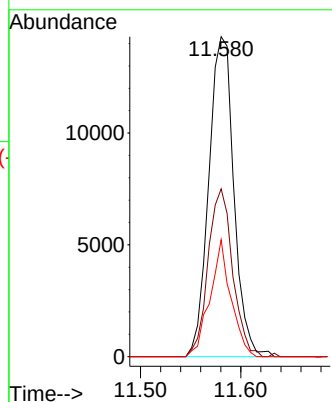
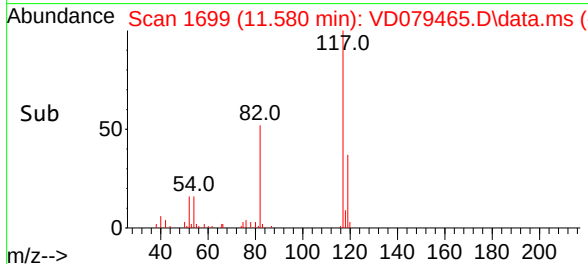


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11

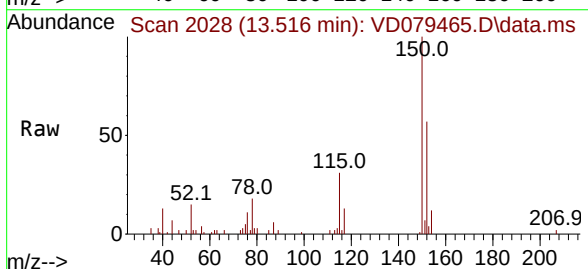
Instrument :
MSVOA_D
ClientSampleId :



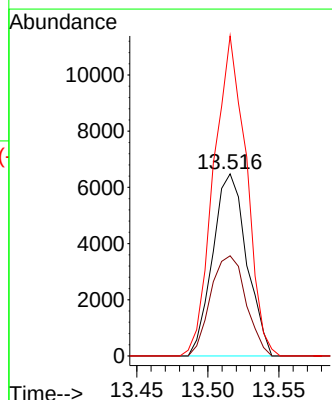
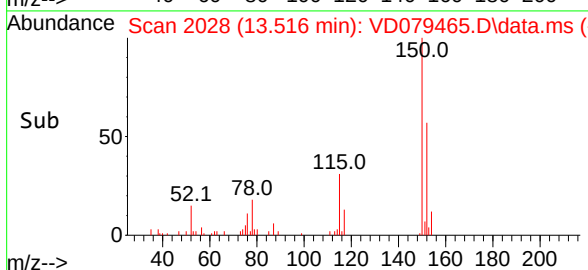
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	39.8	59.6
119	36.5	25.7	38.5

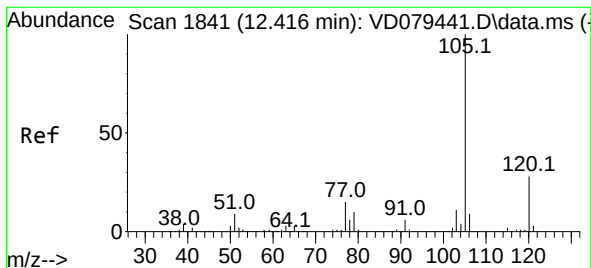


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.005 min
Lab File: VD079465.D
Acq: 30 Jul 2024 18:11



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	26.5	79.5
150	168.2	0.0	341.6





#73

Isopropylbenzene

Concen: 3.691 ug/l

RT: 12.410 min Scan# 1840

Delta R.T. -0.006 min

Lab File: VD079465.D

Acq: 30 Jul 2024 18:11

Instrument :

MSVOA_D

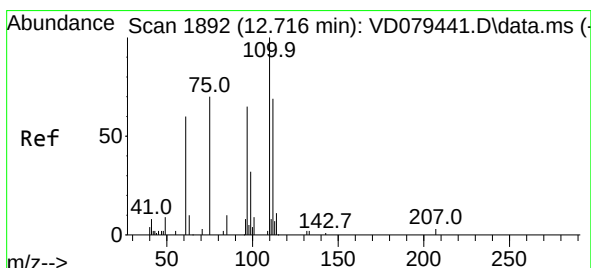
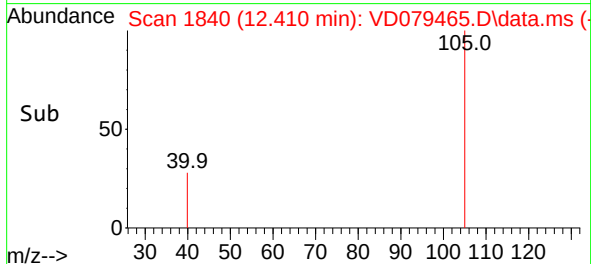
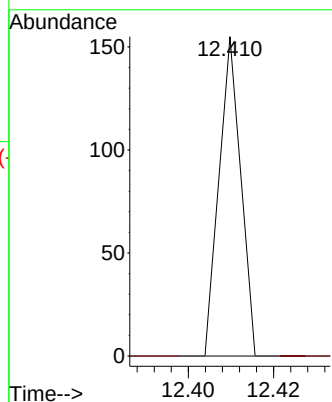
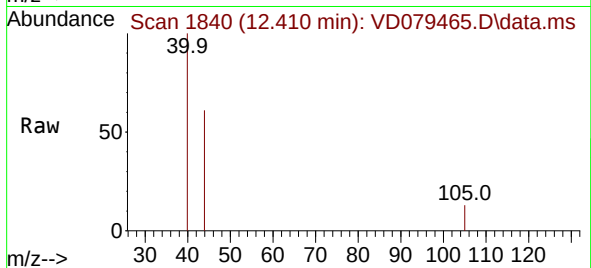
ClientSampleId :

Tgt Ion:105 Resp: 55

Ion Ratio Lower Upper

105 100

120 0.0 13.6 40.7#



#76

1,2,3-Trichloropropane

Concen: 45.441 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079465.D

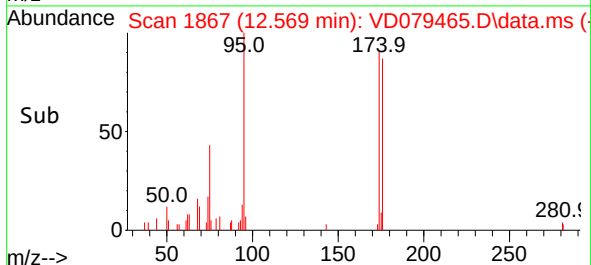
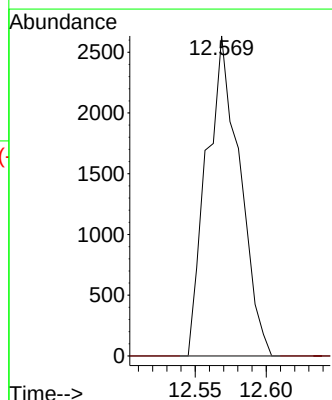
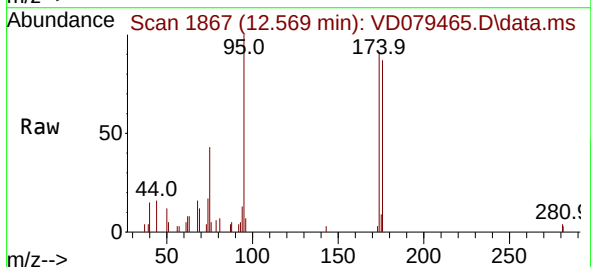
Acq: 30 Jul 2024 18:11

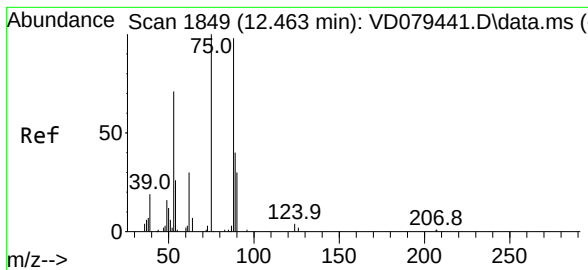
Tgt Ion: 75 Resp: 4277

Ion Ratio Lower Upper

75 100

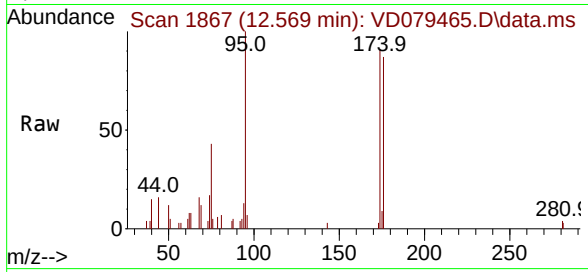
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.667 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079465.D
 Acq: 30 Jul 2024 18:11

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	4277
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

