

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079365.D
 Acq On : 09 Jul 2024 16:58
 Operator : RP/MD
 Sample : P3167-16
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 09 17:04:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

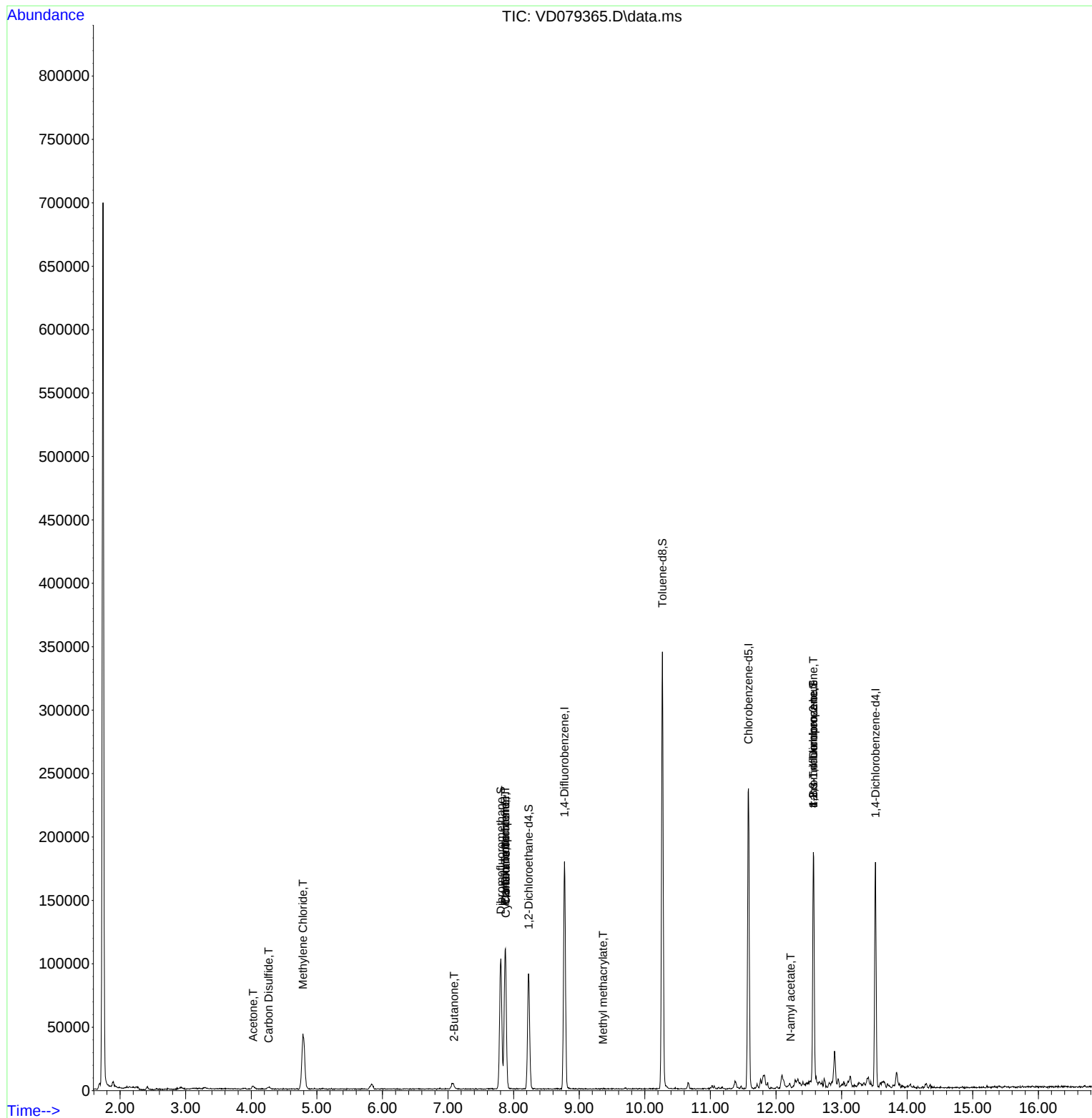
Internal Standards						
1) Pentafluorobenzene	7.869	168	82508	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	162717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	47291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70683	72.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.400%	
35) Dibromofluoromethane	7.805	113	76715	66.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.660%	
50) Toluene-d8	10.269	98	243579	55.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.100%	
62) 4-Bromofluorobenzene	12.569	95	61886	44.996	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.681	94	143	Below Cal	#	1
16) Acetone	4.028	43	4072	22.020	ug/l	97
17) Carbon Disulfide	4.264	76	3335	1.102	ug/l	# 76
20) Methylene Chloride	4.787	84	34910	18.507	ug/l	# 87
25) 2-Butanone	7.093	43	401	1.527	ug/l	# 42
31) Cyclohexane	7.881	56	2051	1.395	ug/l	# 22
36) 1,1-Dichloropropene	7.875	75	7584	5.201	ug/l	# 46
38) Carbon Tetrachloride	7.875	117	8711	5.675	ug/l	# 20
48) Methyl methacrylate	9.363	41	62	2.584	ug/l	# 2
74) N-amyl acetate	12.222	43	1188	1.675	ug/l	# 46
76) 1,2,3-Trichloropropane	12.569	75	30259	66.595	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	30259	125.561	ug/l	# 19

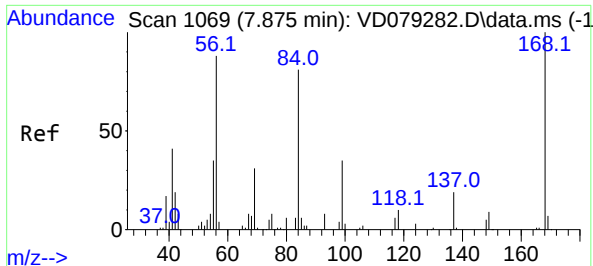
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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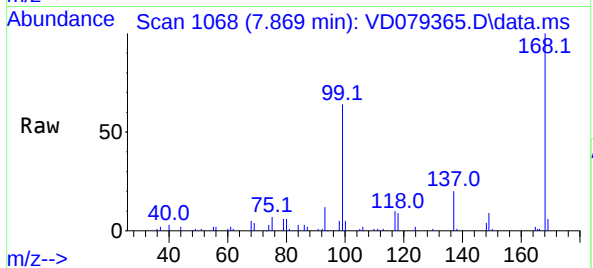
Quant Time: Jul 09 17:04:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 17:06:59 2024
Response via : Initial Calibration



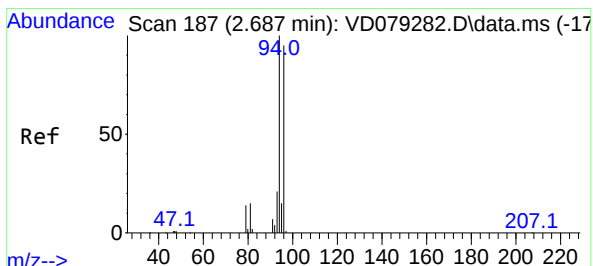
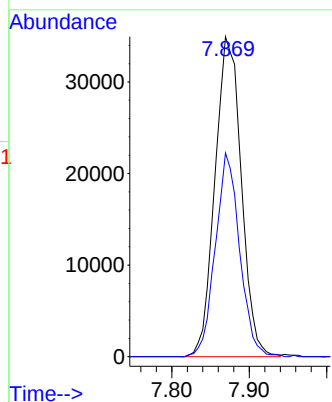
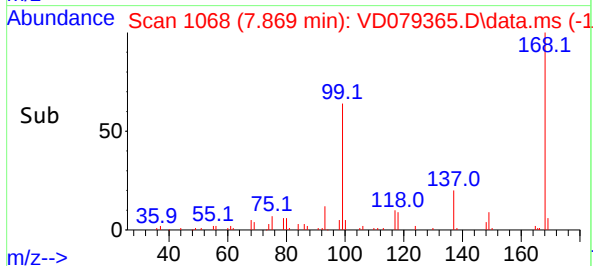


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Instrument :
MSVOA_D
ClientSampleId :

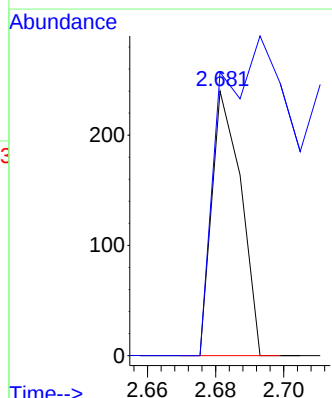
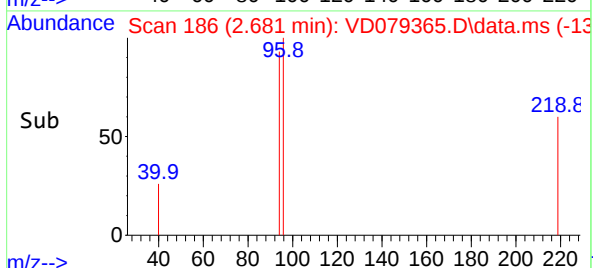
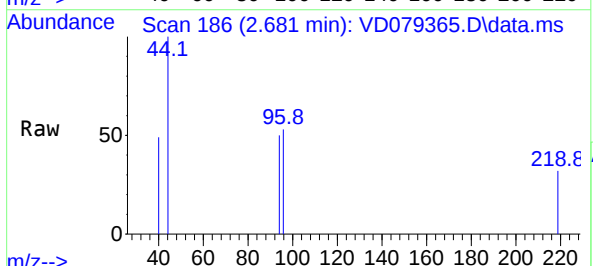


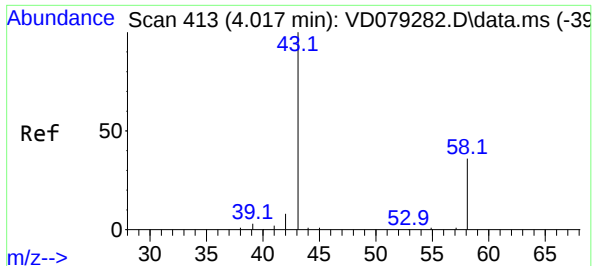
Tgt Ion:168 Resp: 82508
Ion Ratio Lower Upper
168 100
99 63.7 41.1 61.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.681 min Scan# 186
Delta R.T. 0.023 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion: 94 Resp: 143
Ion Ratio Lower Upper
94 100
96 360.1 76.9 115.3#

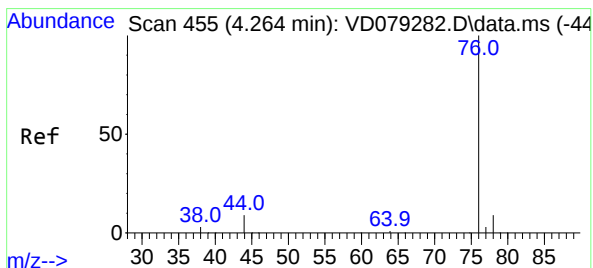
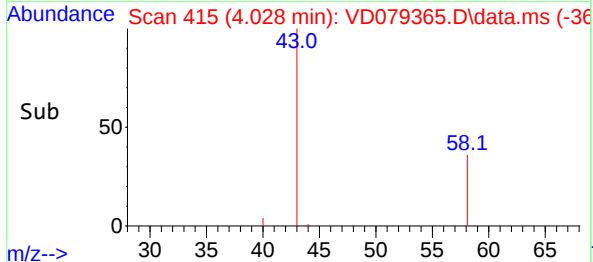
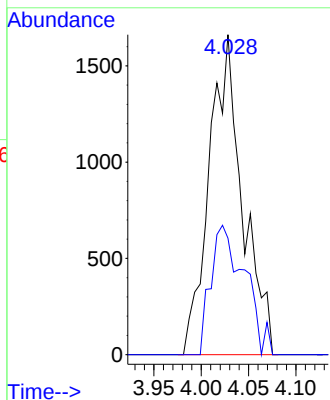
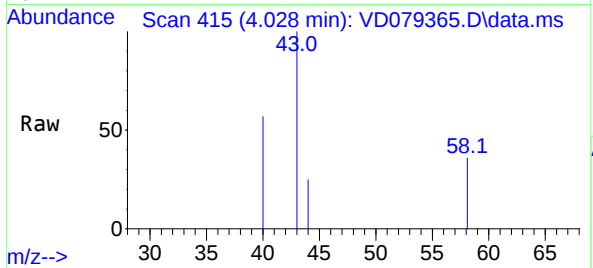




#16
Acetone
Concen: 22.020 ug/l
RT: 4.028 min Scan# 413
Delta R.T. 0.011 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

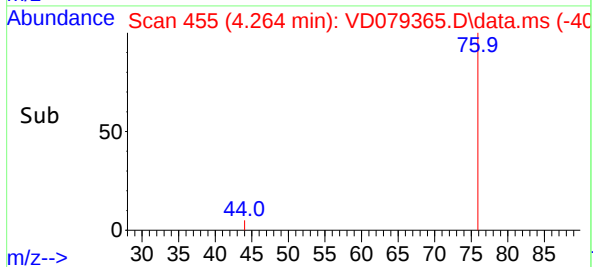
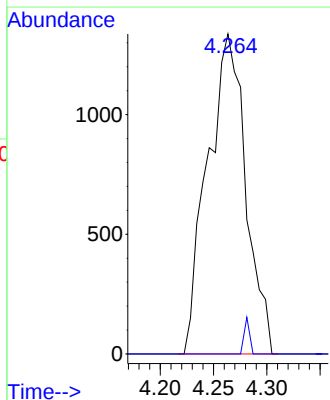
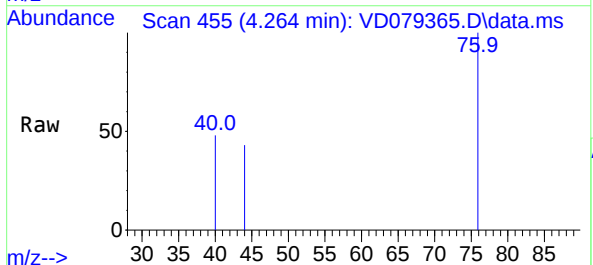
Instrument :
MSVOA_D
ClientSampleId :

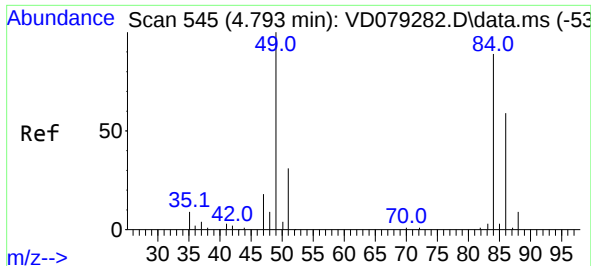
Tgt Ion: 43 Resp: 4072
Ion Ratio Lower Upper
43 100
58 36.4 30.4 45.6



#17
Carbon Disulfide
Concen: 1.102 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

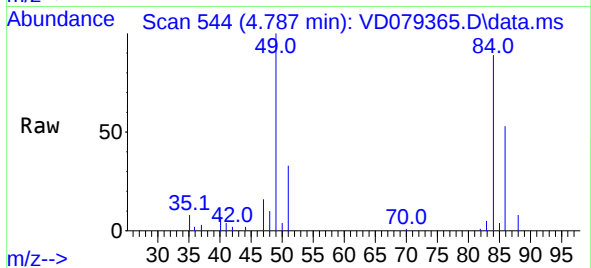
Tgt Ion: 76 Resp: 3335
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



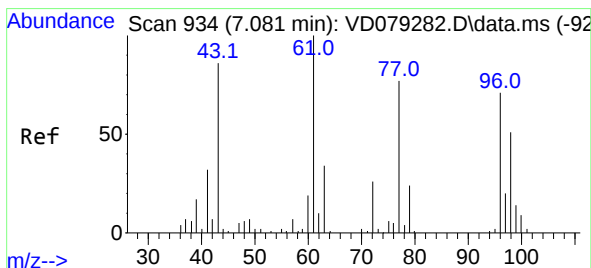
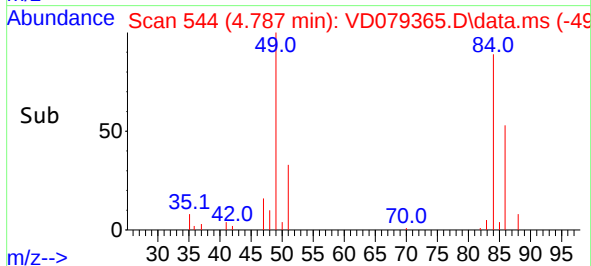
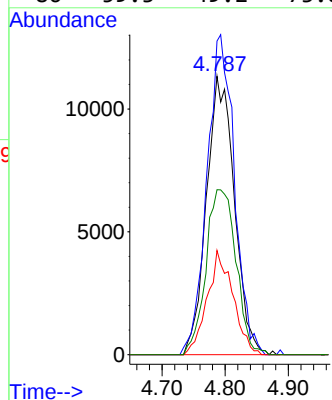


#20
Methylene Chloride
Concen: 18.507 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.006 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Instrument :
MSVOA_D
ClientSampleId :

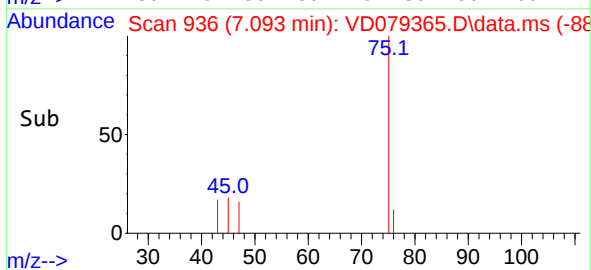
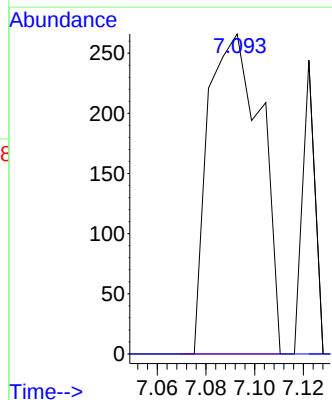
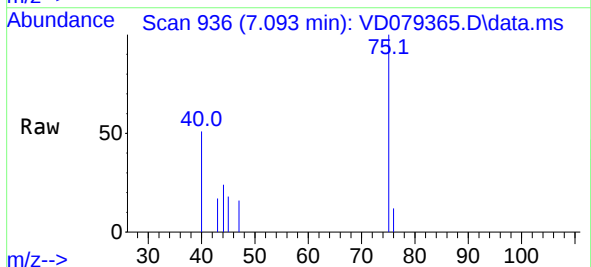


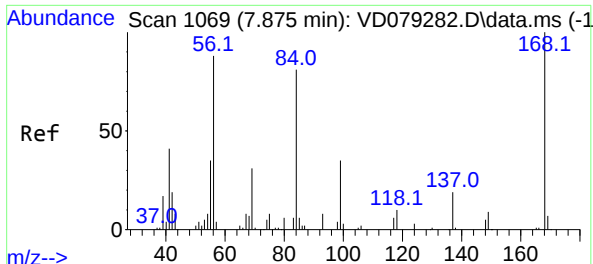
Tgt Ion: 84 Resp: 34910
Ion Ratio Lower Upper
84 100
49 112.7 75.6 113.4
51 37.4 24.2 36.2#
86 59.3 49.2 73.8



#25
2-Butanone
Concen: 1.527 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.018 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

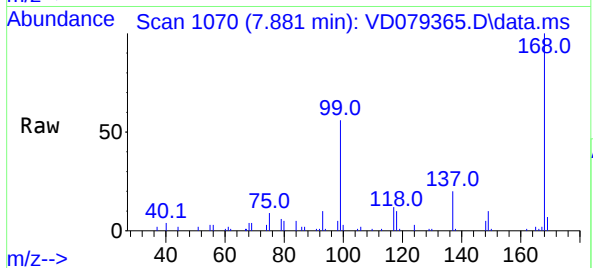
Tgt Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



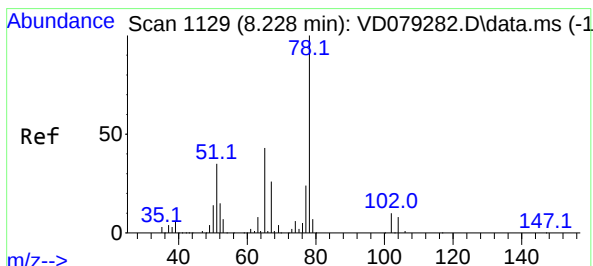
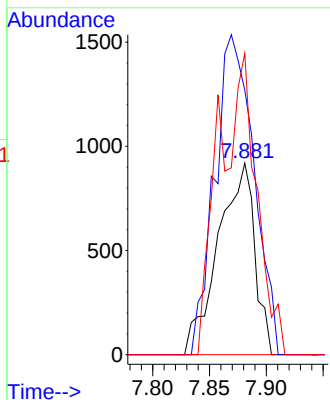
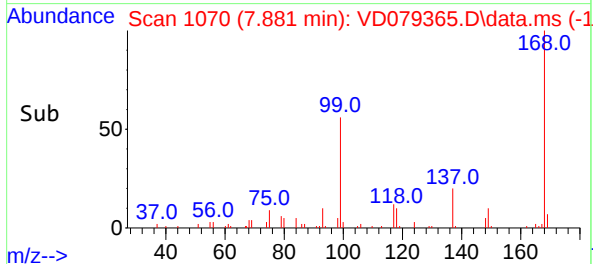


#31
Cyclohexane
Concen: 1.395 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Instrument :
MSVOA_D
ClientSampleId :

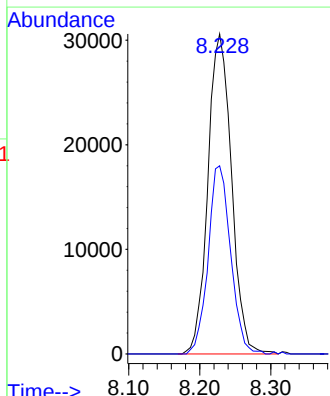
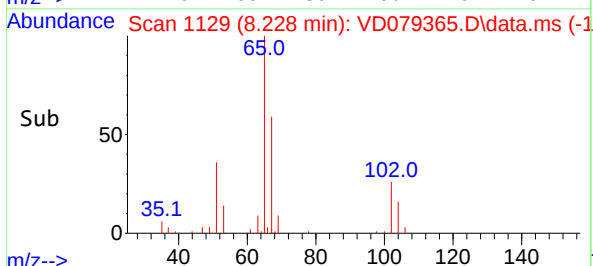
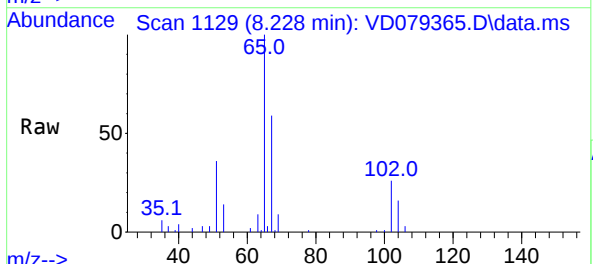


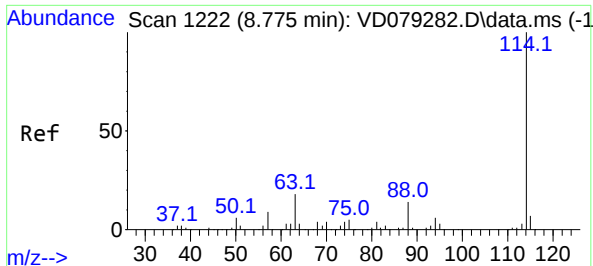
Tgt Ion: 56 Resp: 2051
Ion Ratio Lower Upper
56 100
69 138.2 28.0 42.0#
84 157.5 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 72.696 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion: 65 Resp: 70683
Ion Ratio Lower Upper
65 100
67 55.9 0.0 111.0

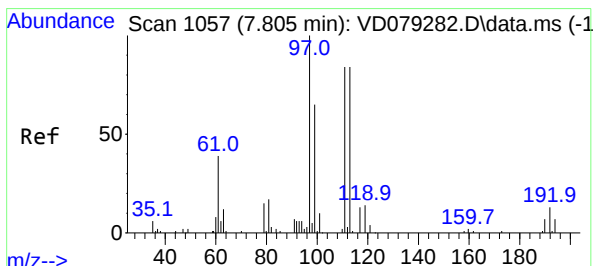
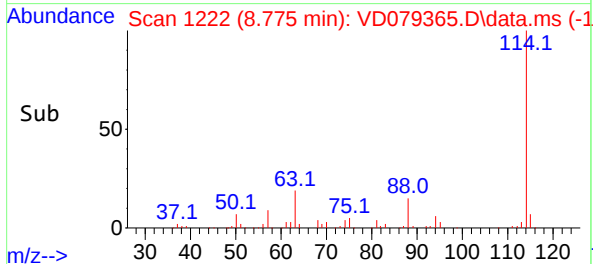
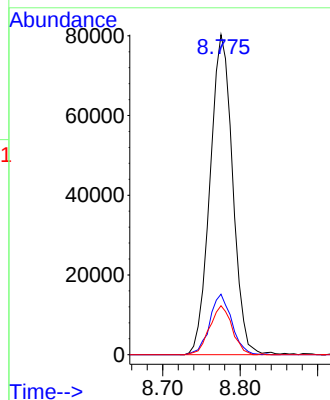
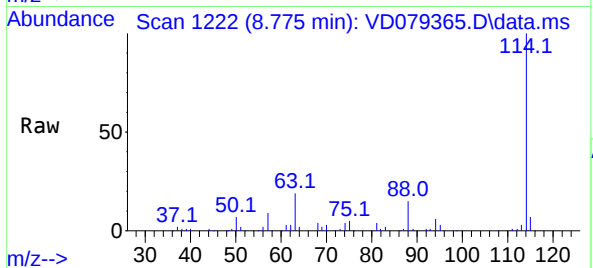




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

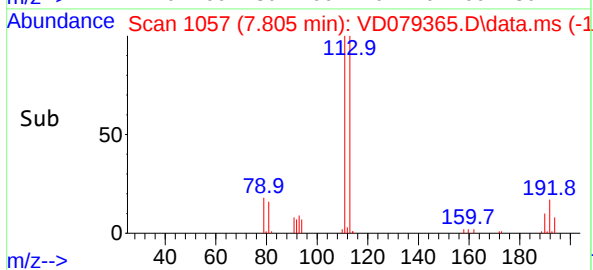
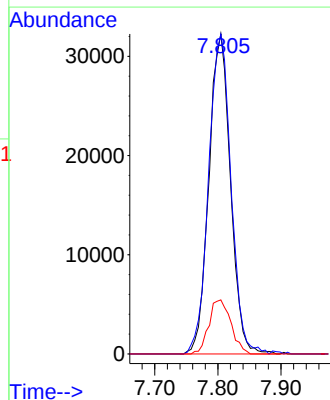
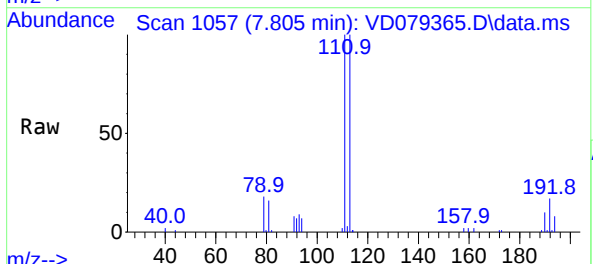
Instrument :
MSVOA_D
ClientSampleId :

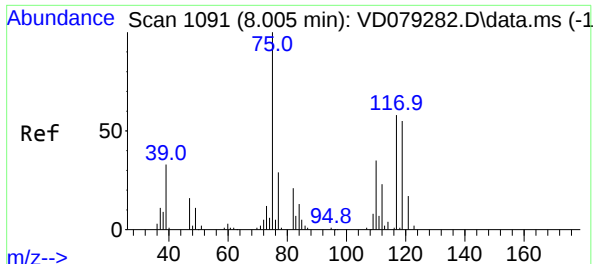
Tgt Ion:114 Resp: 162717
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 66.829 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion:113 Resp: 76715
Ion Ratio Lower Upper
113 100
111 103.3 84.0 126.0
192 17.2 15.4 23.0

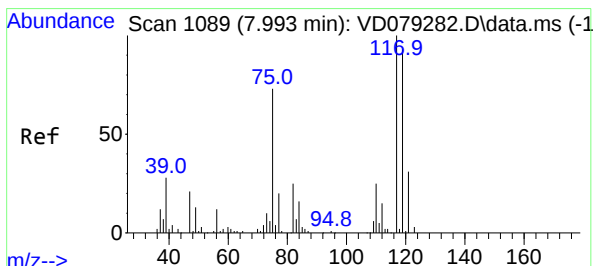
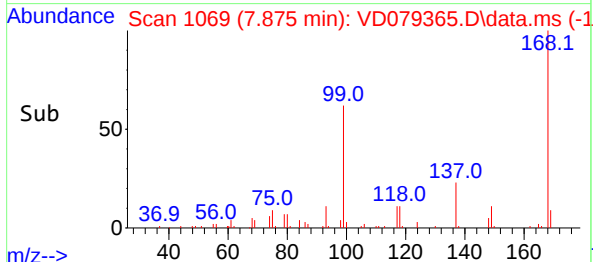
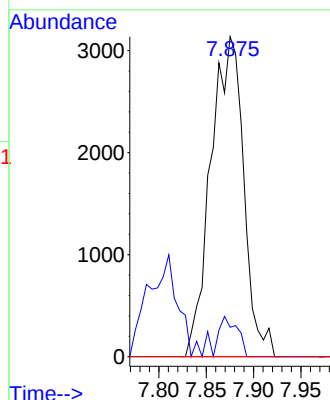
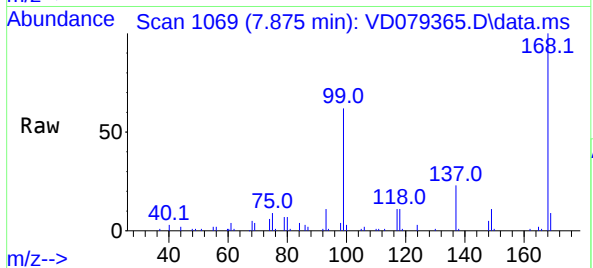




#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

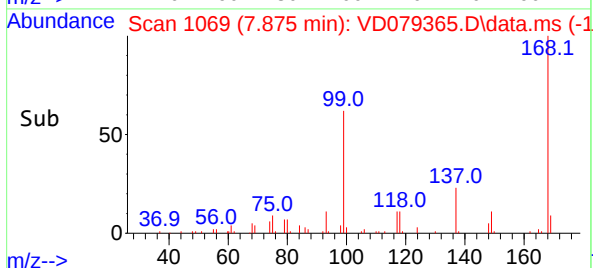
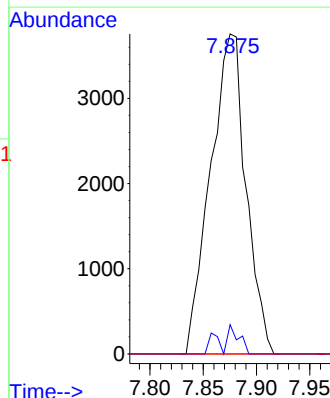
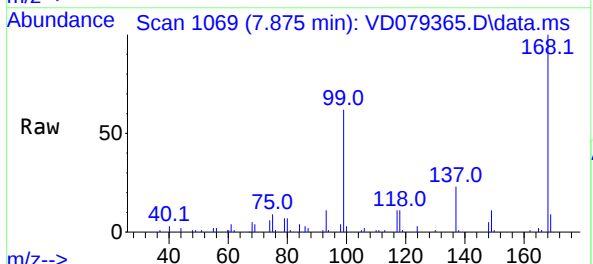
Instrument :
MSVOA_D
ClientSampleId :

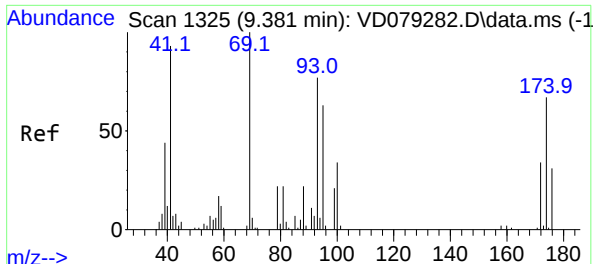
Tgt Ion: 75 Resp: 7584
Ion Ratio Lower Upper
75 100
110 8.0 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion: 117 Resp: 8711
Ion Ratio Lower Upper
117 100
119 9.2 75.4 113.0#
121 0.0 25.0 37.4#





#48

Methyl methacrylate

Concen: 2.584 ug/l

RT: 9.363 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD079365.D

Acq: 09 Jul 2024 16:58

Instrument :

MSVOA_D

ClientSampleId :

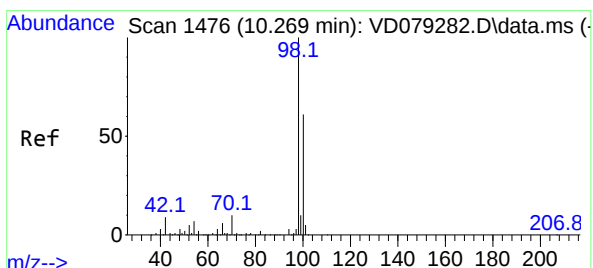
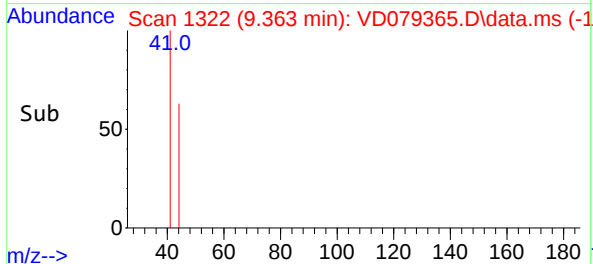
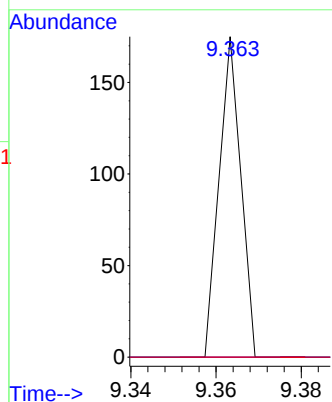
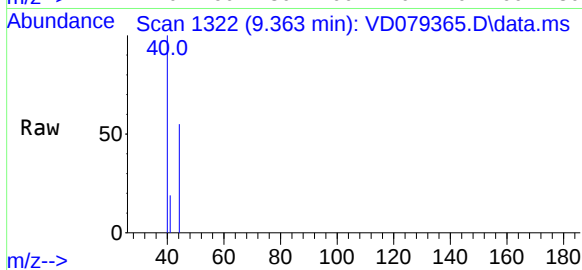
Tgt Ion: 41 Resp: 62

Ion Ratio Lower Upper

41 100

69 0.0 96.7 145.1#

39 0.0 43.8 65.6#



#50

Toluene-d8

Concen: 55.045 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079365.D

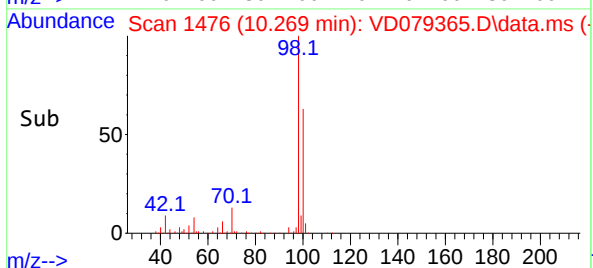
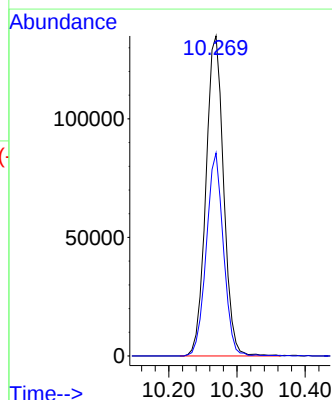
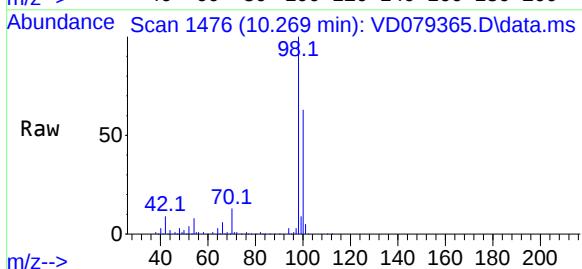
Acq: 09 Jul 2024 16:58

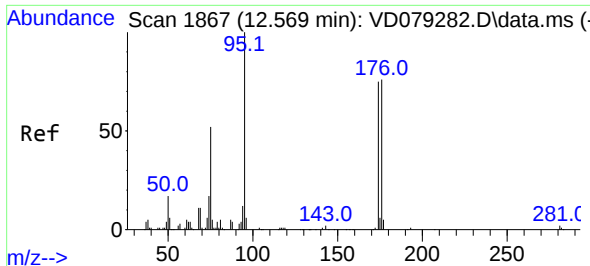
Tgt Ion: 98 Resp: 243579

Ion Ratio Lower Upper

98 100

100 61.3 51.6 77.4

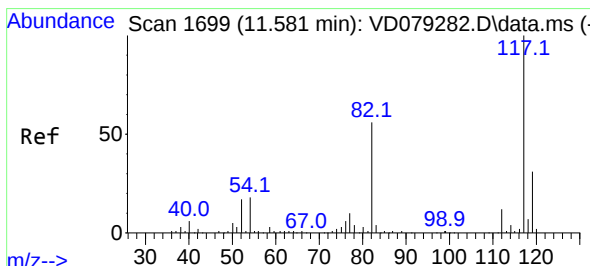
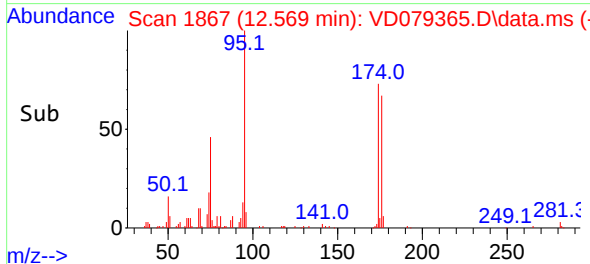
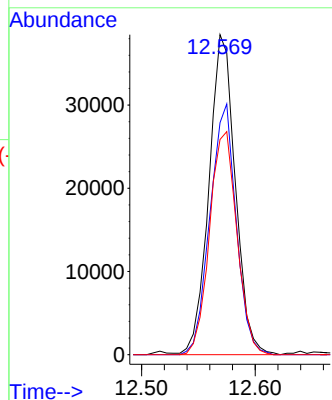
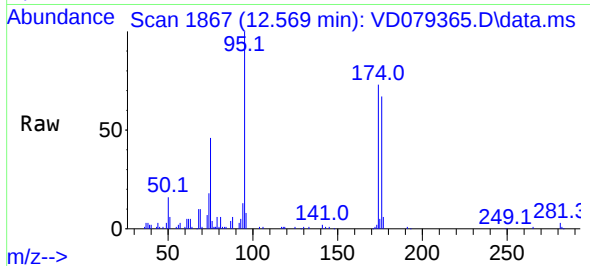




#62
4-Bromofluorobenzene
Concen: 44.996 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

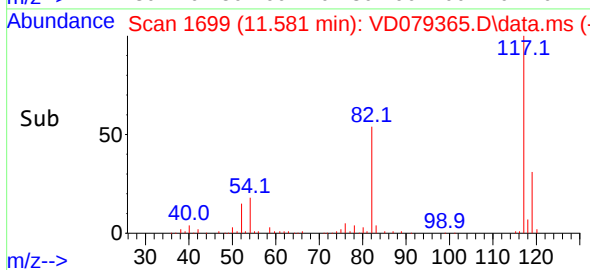
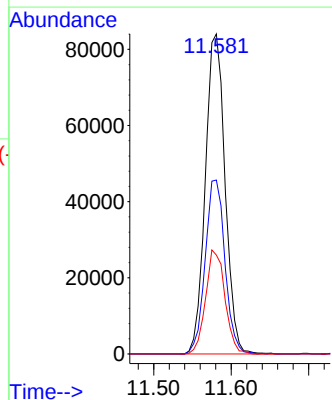
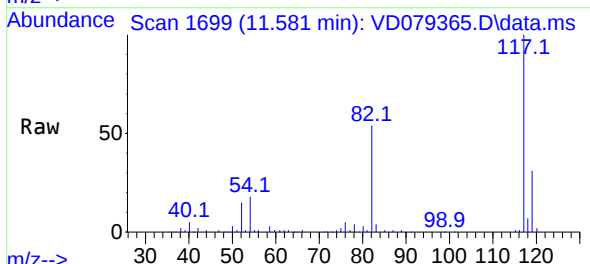
Instrument :
MSVOA_D
ClientSampleId :

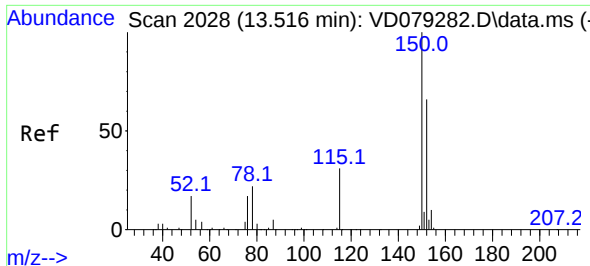
Tgt Ion:	95	Resp:	61886
Ion Ratio	Lower	Upper	
95	100		
174	77.9	0.0	195.4
176	72.4	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

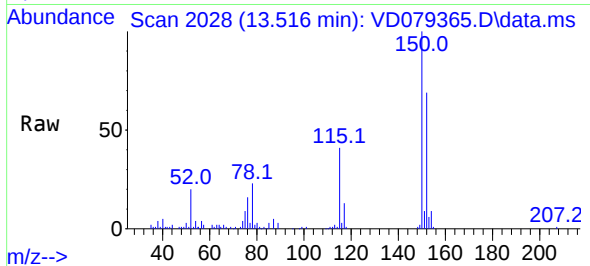
Tgt Ion:	117	Resp:	148744
Ion Ratio	Lower	Upper	
117	100		
82	54.4	39.8	59.6
119	30.9	25.7	38.5



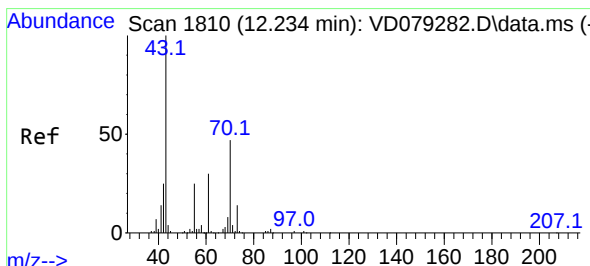
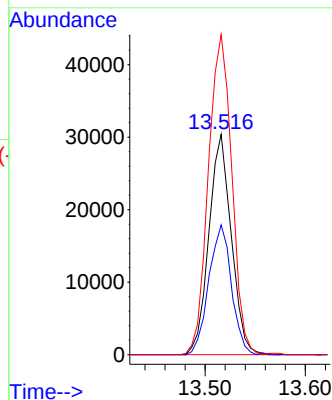
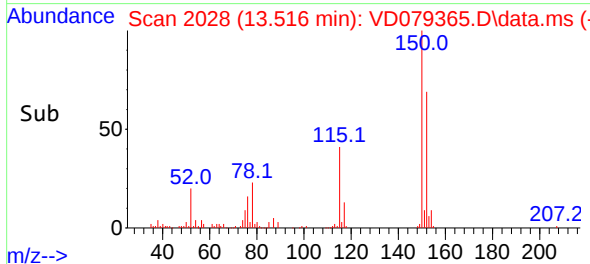


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Instrument :
MSVOA_D
ClientSampleId :

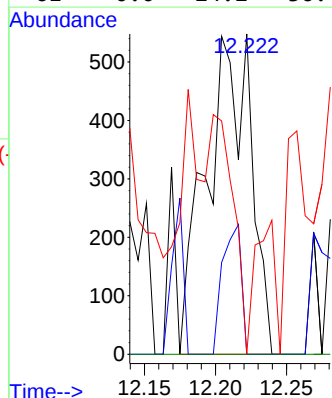
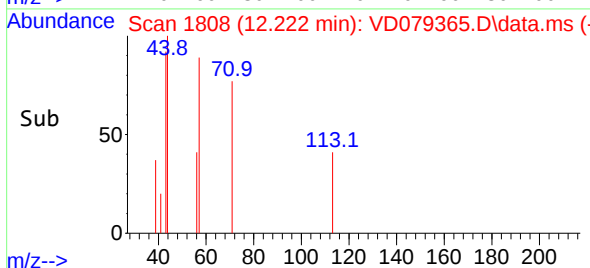
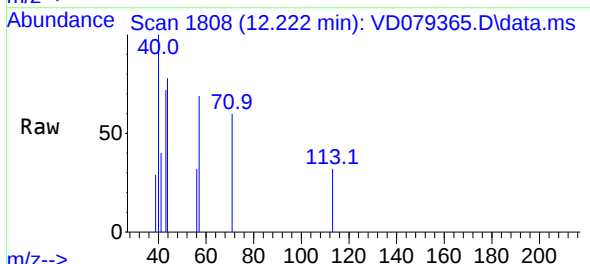


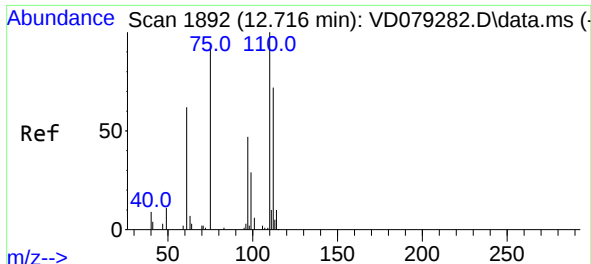
Tgt Ion:152 Resp: 47291
Ion Ratio Lower Upper
152 100
115 59.5 26.5 79.5
150 151.6 0.0 341.6



#74
N-ethyl acetate
Concen: 1.675 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
70 17.1 44.3 66.5#
55 0.0 23.2 34.8#
61 0.0 24.2 36.4#

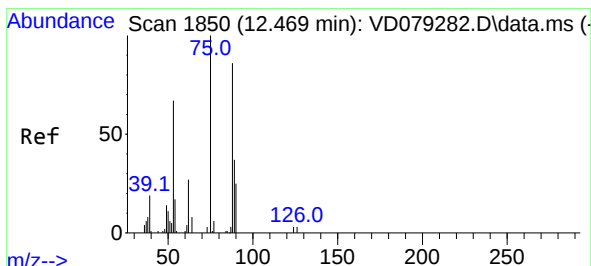
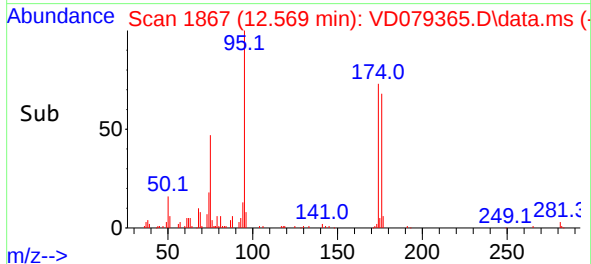
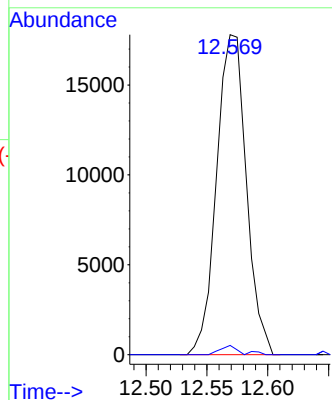
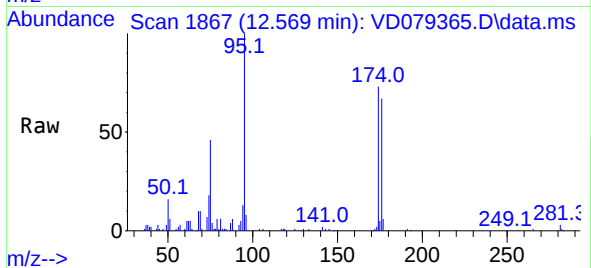




#76
1,2,3-Trichloropropane
Concen: 66.595 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 30259
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.561 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079365.D
Acq: 09 Jul 2024 16:58

Tgt Ion: 75 Resp: 30259
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

