

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079319.D
 Acq On : 02 Jul 2024 15:20
 Operator : RP/MD
 Sample : P3141-03
 Misc : 6.62G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 03 01:23:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

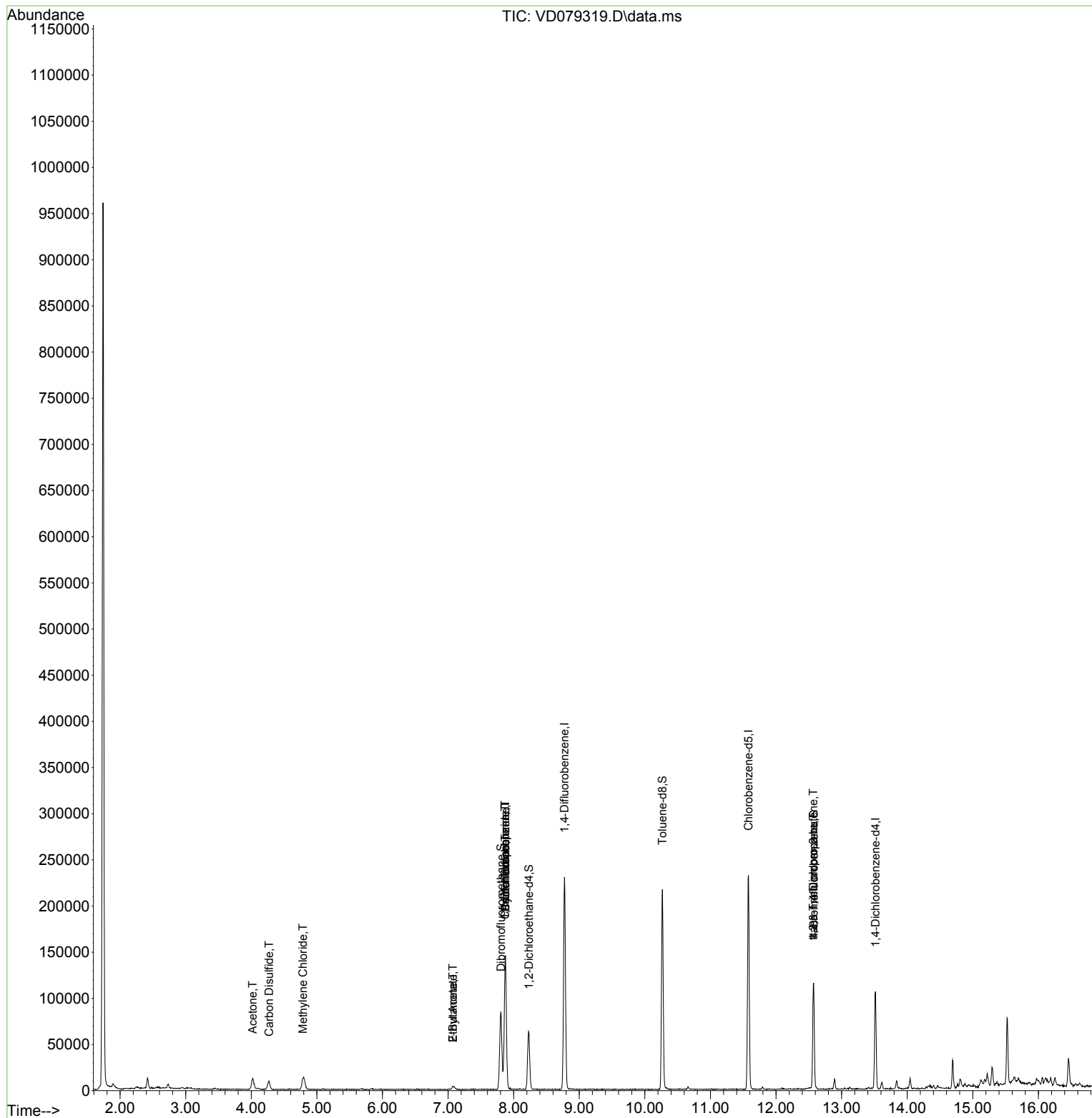
Internal Standards						
1) Pentafluorobenzene	7.875	168	99400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	200559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	27449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48918	50.353	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.700%			
35) Dibromofluoromethane	7.810	113	61530	46.739	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.480%			
50) Toluene-d8	10.269	98	153681	32.450	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 64.900%			
62) 4-Bromofluorobenzene	12.575	95	30685	20.205	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 40.420%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.693	94	141	Below Cal	#	1
16) Acetone	4.022	43	18915	80.177	ug/l	100
17) Carbon Disulfide	4.269	76	17850	3.888	ug/l	97
20) Methylene Chloride	4.787	84	11221	1.537	ug/l	# 94
25) 2-Butanone	7.075	43	5172	15.736	ug/l	90
31) Cyclohexane	7.875	56	2985	1.413	ug/l	# 1
36) 1,1-Dichloropropene	7.869	75	10187	4.981	ug/l	# 47
37) Ethyl Acetate	7.075	43	5172	6.643	ug/l	# 64
38) Carbon Tetrachloride	7.869	117	11448	5.512	ug/l	# 18
76) 1,2,3-Trichloropropane	12.569	75	15601	56.794	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	15601	105.387	ug/l	# 19

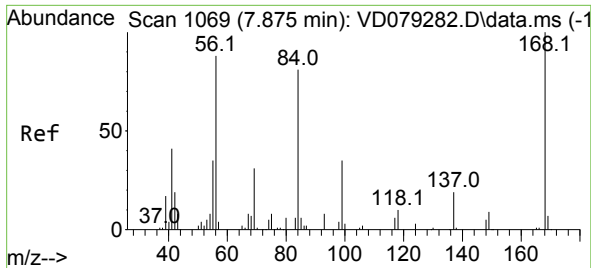
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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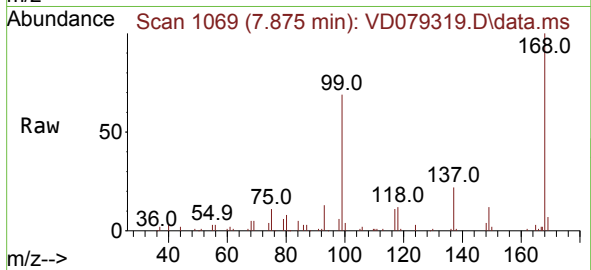
Quant Time: Jul 03 01:23:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



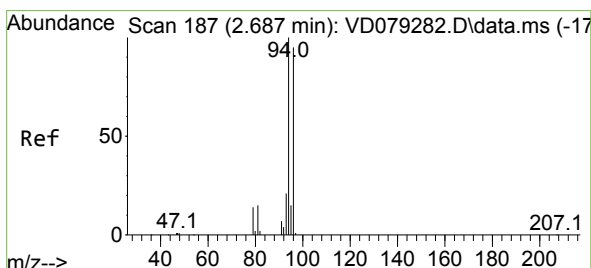
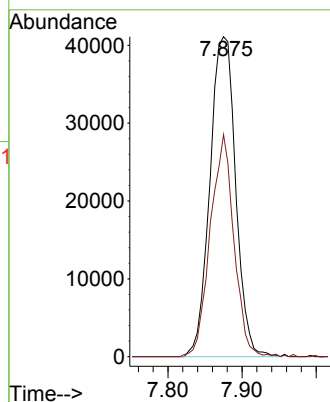
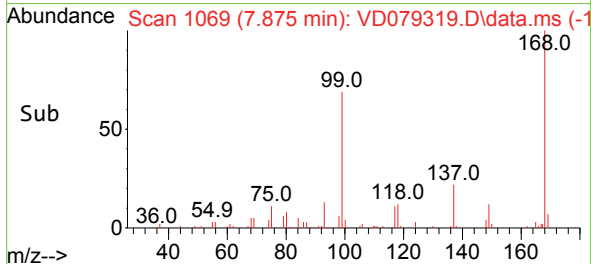


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Instrument :
MSVOA_D
ClientSampleId :

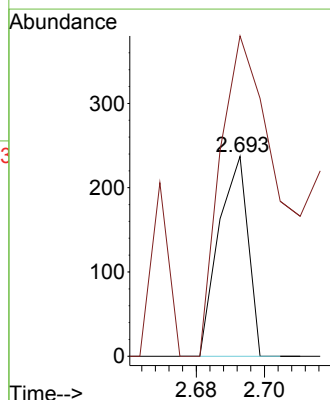
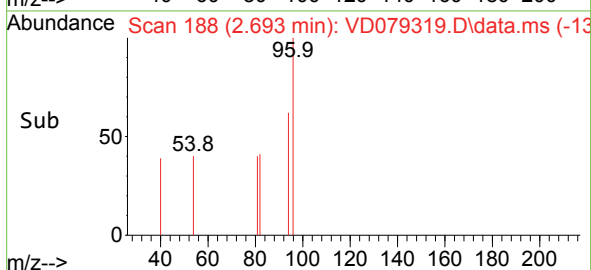
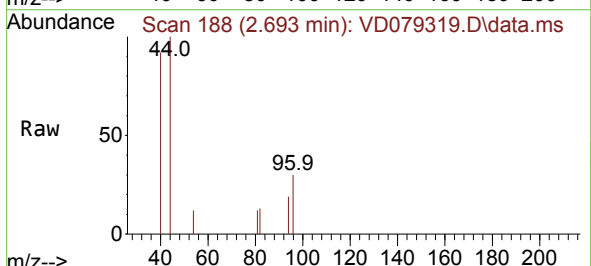


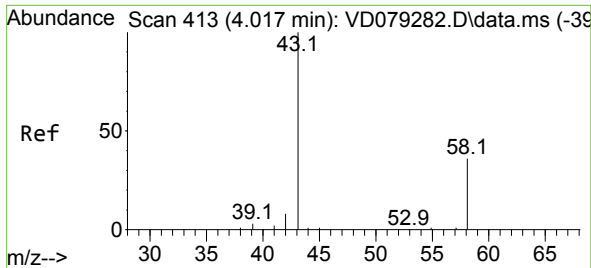
Tgt Ion:168 Resp: 99400
Ion Ratio Lower Upper
168 100
99 69.4 41.1 61.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.035 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 425.5 76.9 115.3#





#16

Acetone

Concen: 80.177 ug/l

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079319.D

Acq: 02 Jul 2024 15:20

Instrument :

MSVOA_D

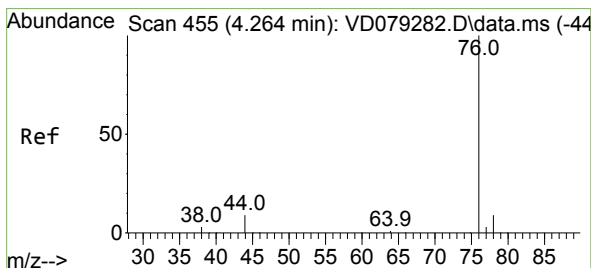
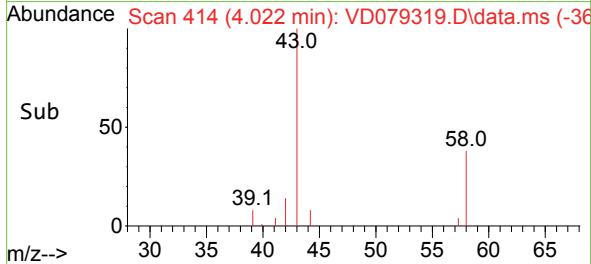
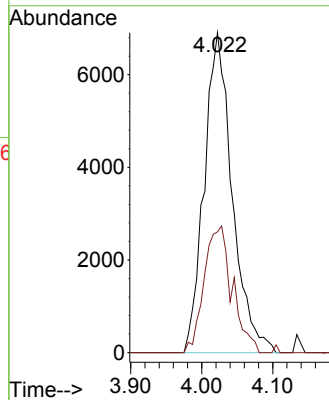
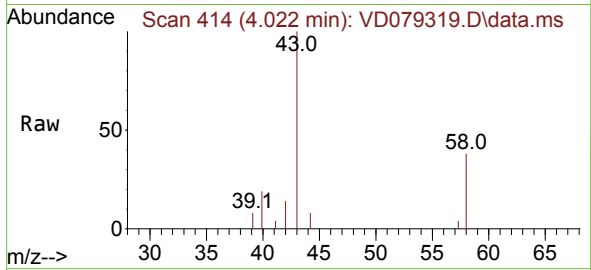
ClientSampleId :

Tgt Ion: 43 Resp: 18915

Ion Ratio Lower Upper

43 100

58 37.7 30.4 45.6



#17

Carbon Disulfide

Concen: 3.888 ug/l

RT: 4.269 min Scan# 456

Delta R.T. 0.006 min

Lab File: VD079319.D

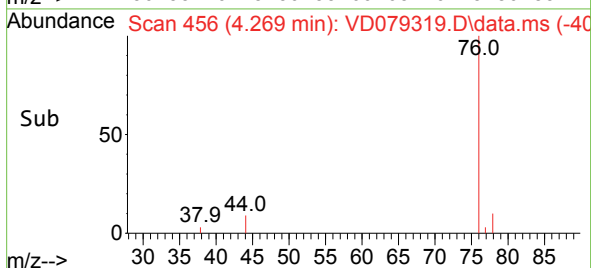
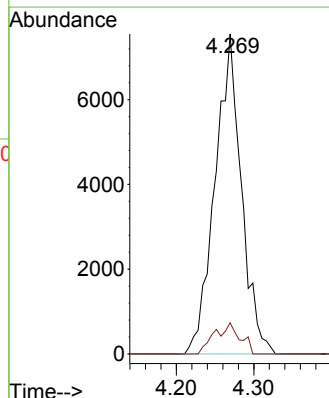
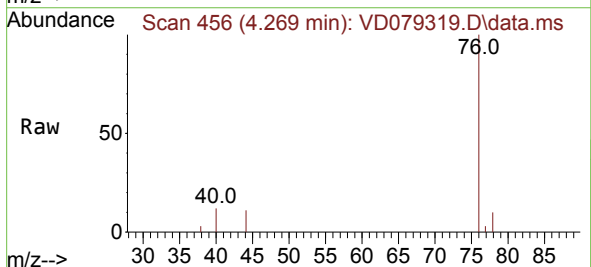
Acq: 02 Jul 2024 15:20

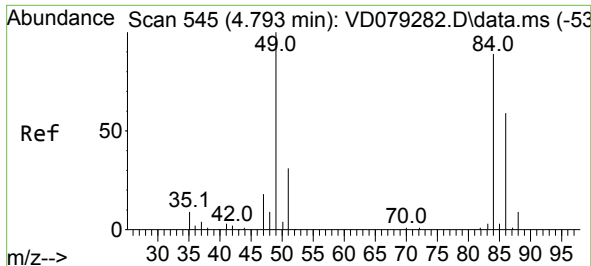
Tgt Ion: 76 Resp: 17850

Ion Ratio Lower Upper

76 100

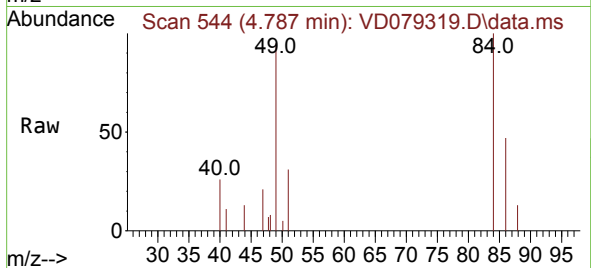
78 9.7 6.9 10.3



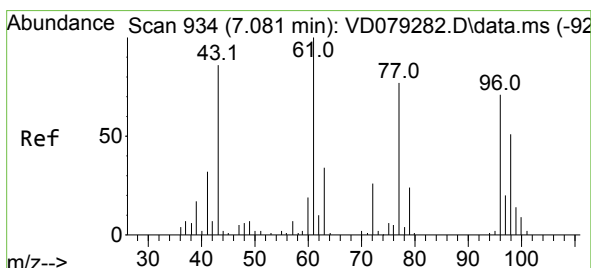
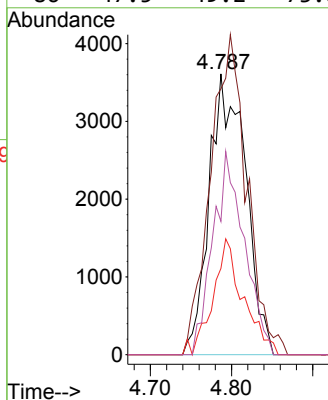
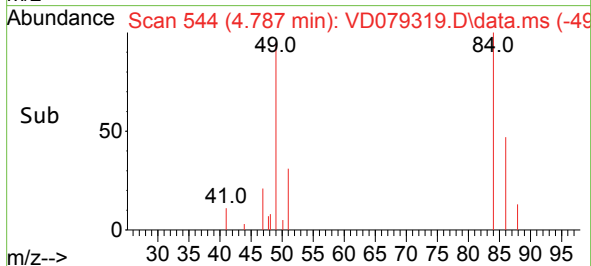


#20
Methylene Chloride
Concen: 1.537 ug/l
RT: 4.787 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Instrument :
MSVOA_D
ClientSampleId :

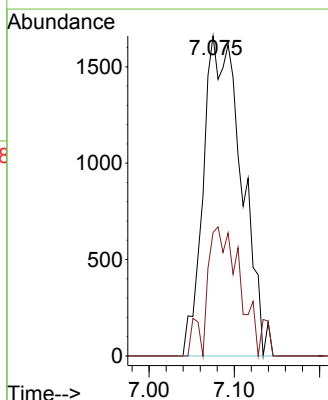
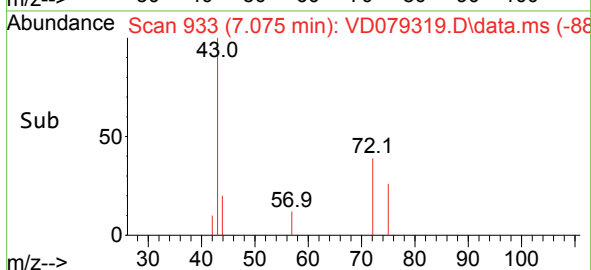
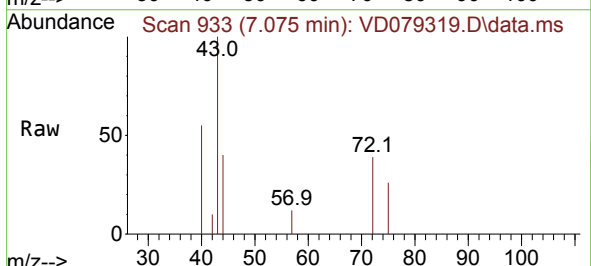


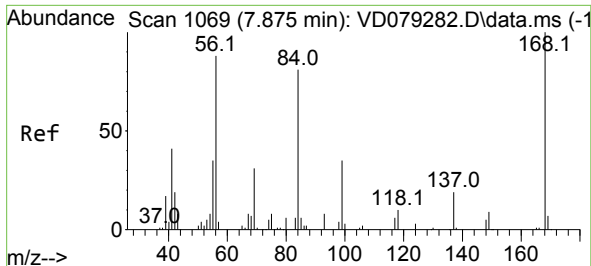
Tgt Ion: 84	Resp: 11221
Ion Ratio	Lower Upper
84 100	
49 94.7	75.6 113.4
51 30.7	24.2 36.2
86 47.5	49.2 73.8#



#25
2-Butanone
Concen: 15.736 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

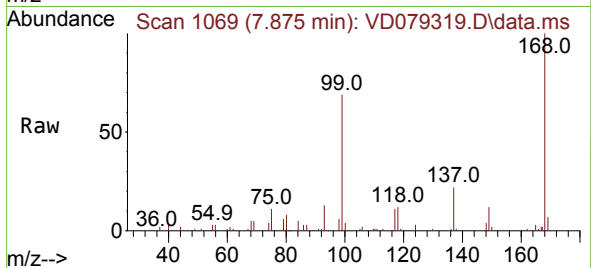
Tgt Ion: 43	Resp: 5172		
Ion Ratio	Lower	Upper	
43 100			
72 38.6	26.4	39.6	



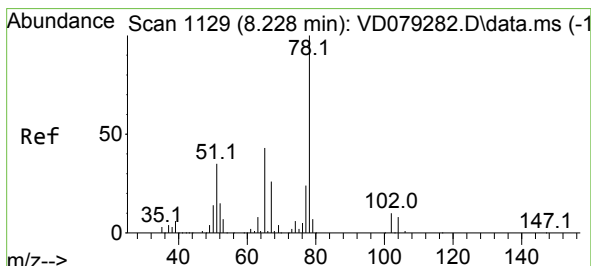
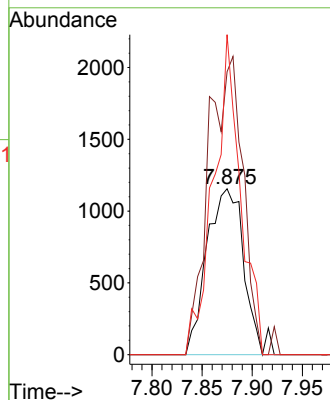
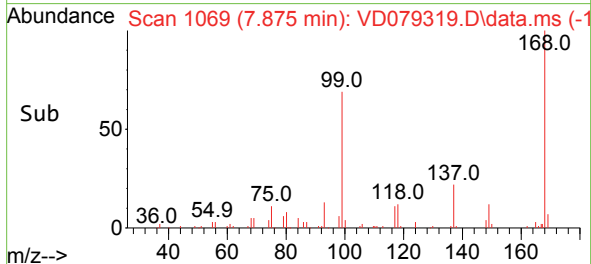


#31
Cyclohexane
Concen: 1.413 ug/l
RT: 7.875 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Instrument :
MSVOA_D
ClientSampleId :

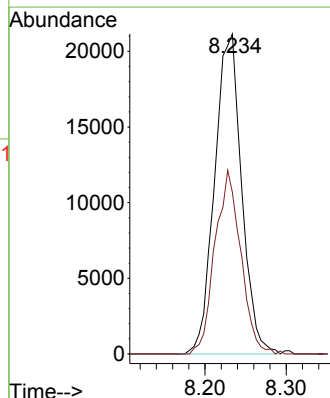
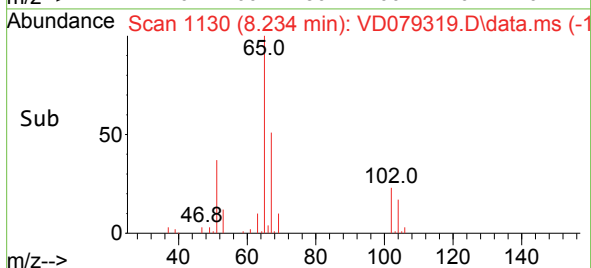
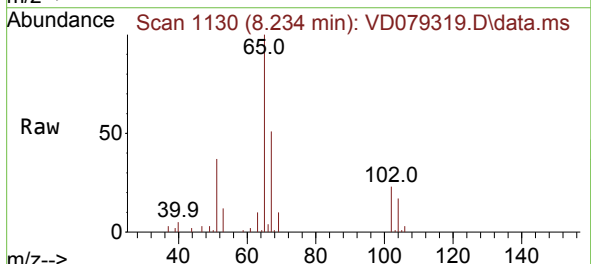


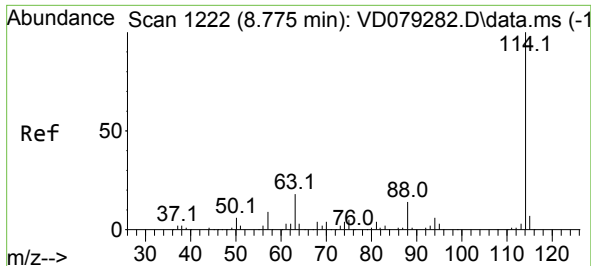
Tgt Ion: 56 Resp: 2985
Ion Ratio Lower Upper
56 100
69 170.5 28.0 42.0#
84 192.8 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 50.353 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Tgt Ion: 65 Resp: 48918
Ion Ratio Lower Upper
65 100
67 55.0 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: VD079319.D

Acq: 02 Jul 2024 15:20

Instrument :

MSVOA_D

ClientSampleId :

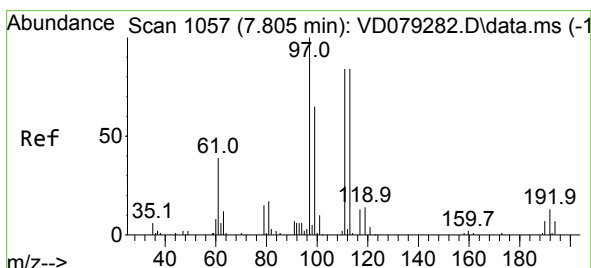
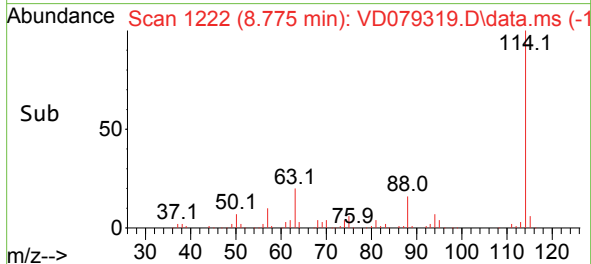
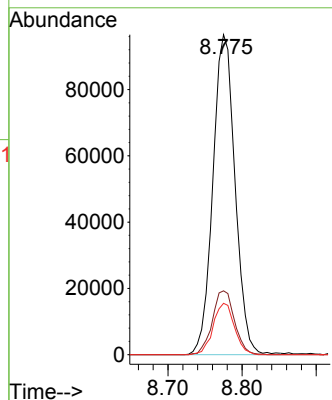
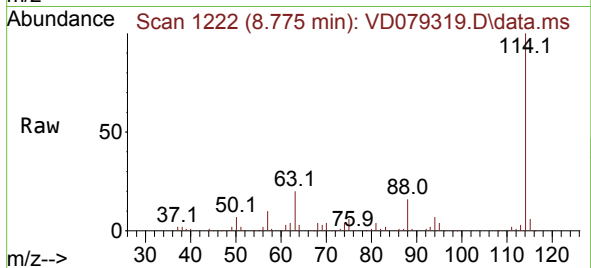
Tgt Ion:114 Resp: 200559

Ion Ratio Lower Upper

114 100

63 20.0 0.0 34.0

88 16.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.739 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD079319.D

Acq: 02 Jul 2024 15:20

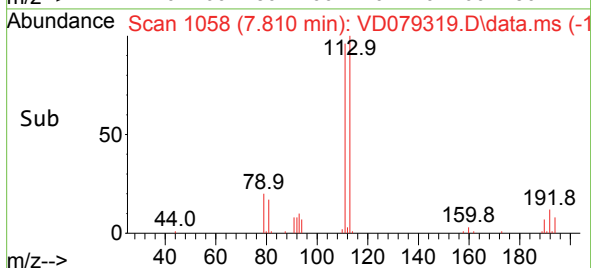
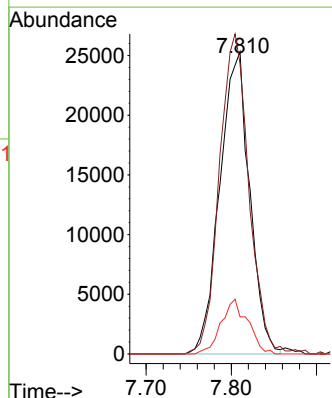
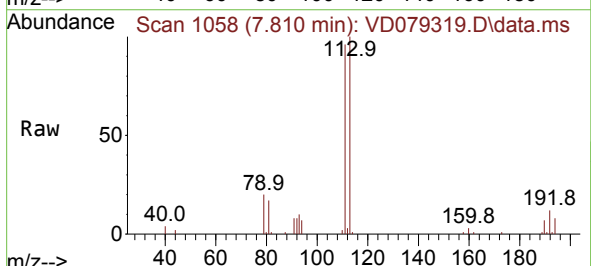
Tgt Ion:113 Resp: 61530

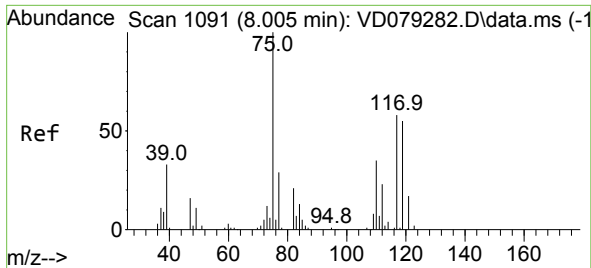
Ion Ratio Lower Upper

113 100

111 104.6 84.0 126.0

192 16.3 15.4 23.0

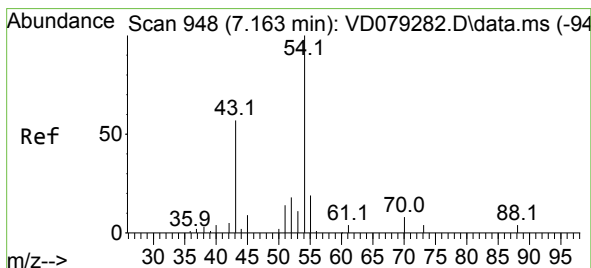
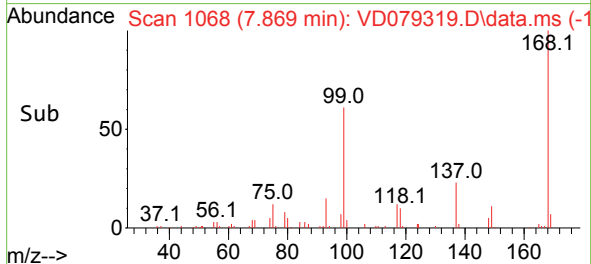
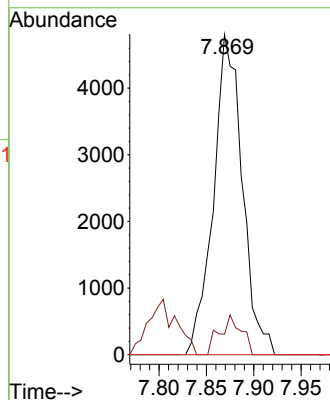
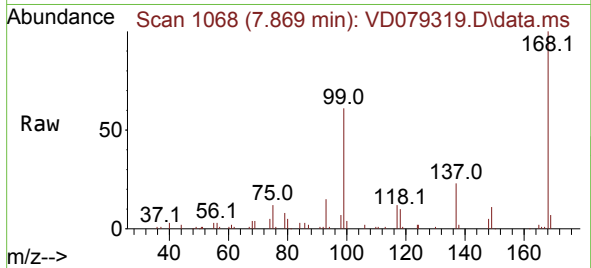




#36
1,1-Dichloropropene
Concen: 4.981 ug/l
RT: 7.869 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

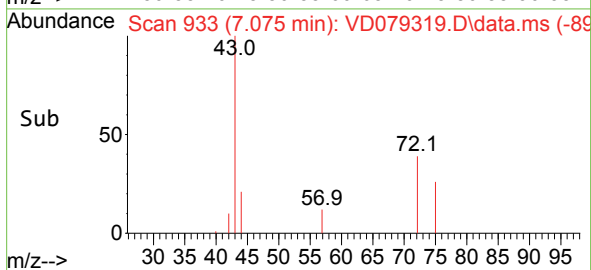
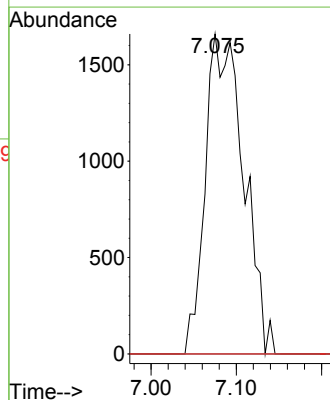
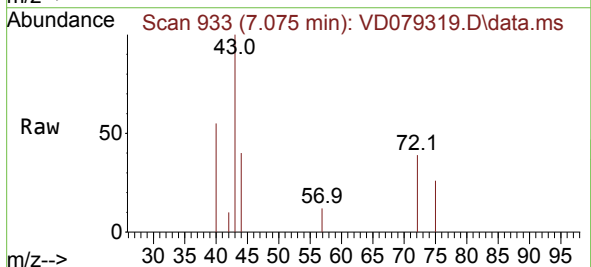
Instrument :
MSVOA_D
ClientSampleId :

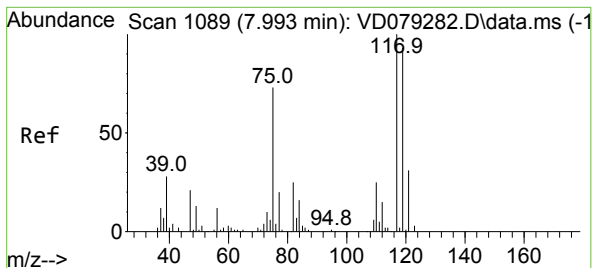
Tgt Ion: 75 Resp: 10187
Ion Ratio Lower Upper
75 100
110 9.3 19.6 58.7#
77 0.0 26.1 39.1#



#37
Ethyl Acetate
Concen: 6.643 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.088 min
Lab File: VD079319.D
Acq: 02 Jul 2024 15:20

Tgt Ion: 43 Resp: 5172
Ion Ratio Lower Upper
43 100
61 0.0 13.9 20.9#
70 0.0 9.8 14.6#





#38

Carbon Tetrachloride

Concen: 5.512 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

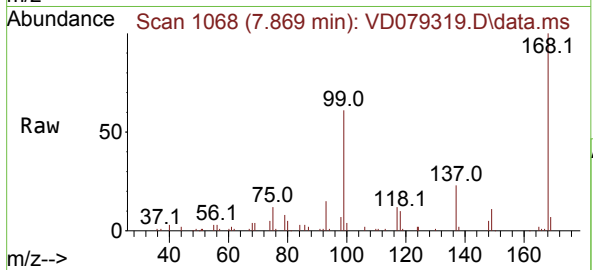
Lab File: VD079319.D

Acq: 02 Jul 2024 15:20

Instrument :

MSVOA_D

ClientSampleId :



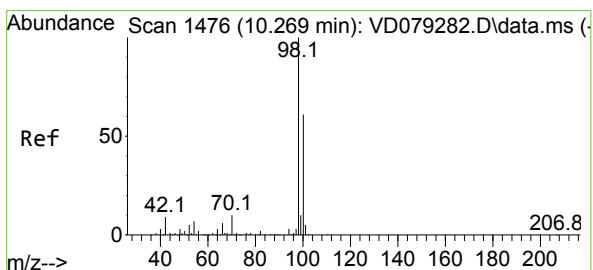
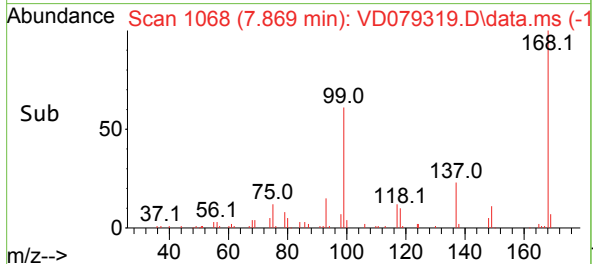
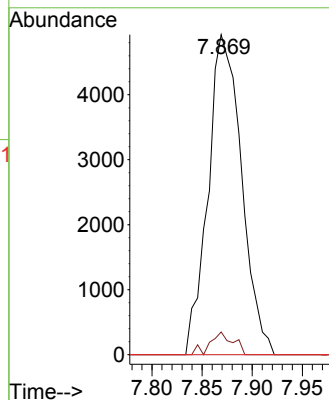
Tgt Ion:117 Resp: 11448

Ion Ratio Lower Upper

117 100

119 7.1 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 32.450 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079319.D

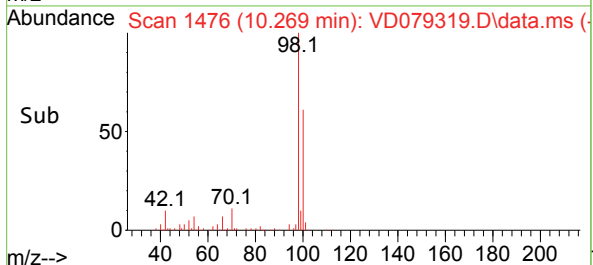
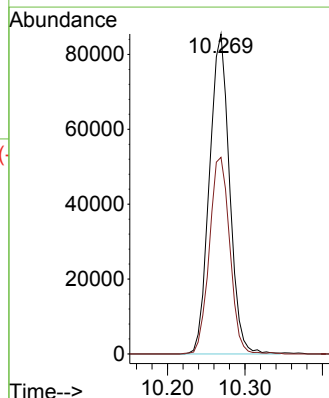
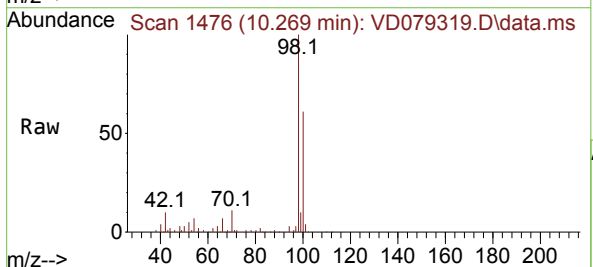
Acq: 02 Jul 2024 15:20

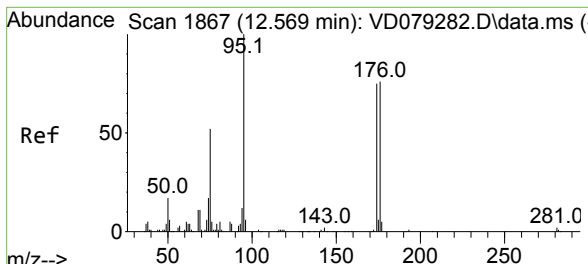
Tgt Ion: 98 Resp: 153681

Ion Ratio Lower Upper

98 100

100 62.3 51.6 77.4

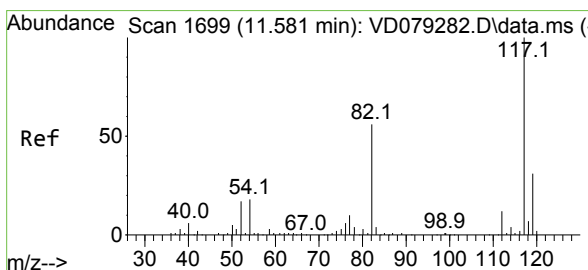
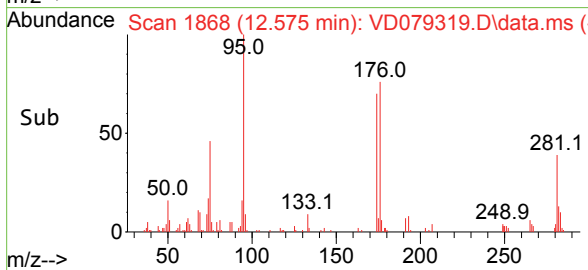
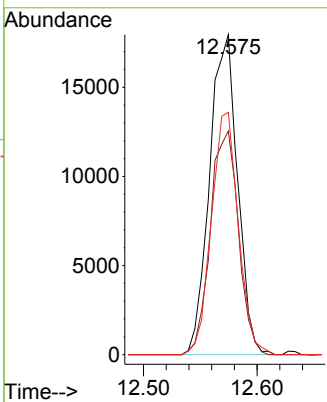
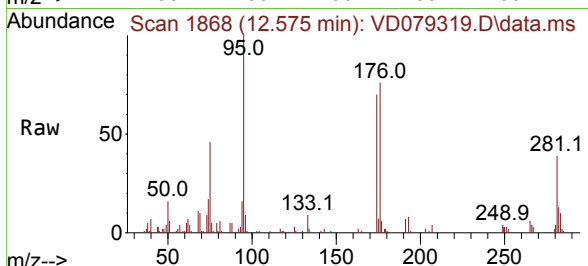




#62
 4-Bromofluorobenzene
 Concen: 20.205 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD079319.D
 Acq: 02 Jul 2024 15:20

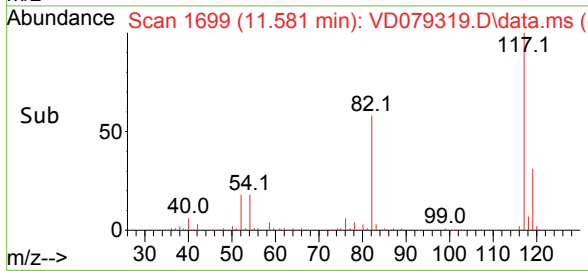
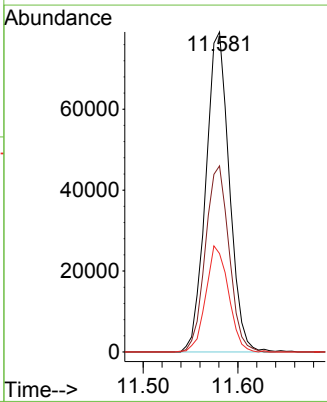
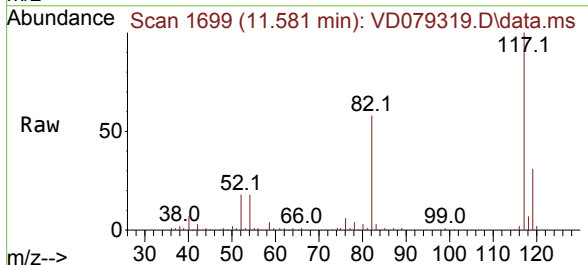
Instrument :
 MSVOA_D
 ClientSampleId :

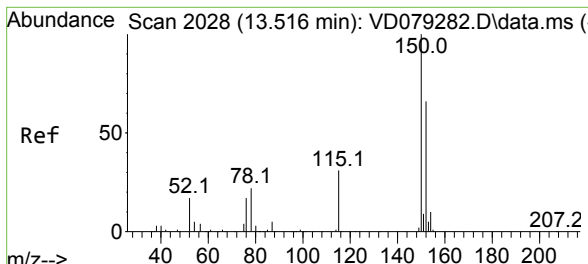
Tgt Ion:	95	Resp:	30685
Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	195.4
176	73.1	0.0	192.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD079319.D
 Acq: 02 Jul 2024 15:20

Tgt Ion:	117	Resp:	136106
Ion	Ratio	Lower	Upper
117	100		
82	58.1	39.8	59.6
119	30.7	25.7	38.5

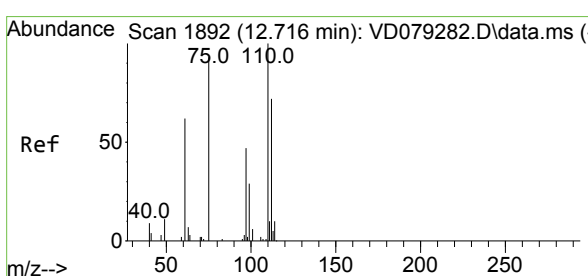
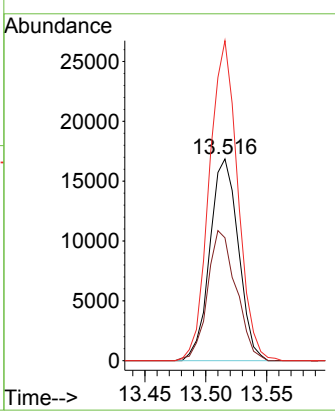
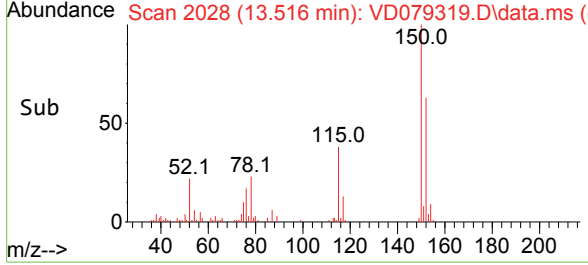
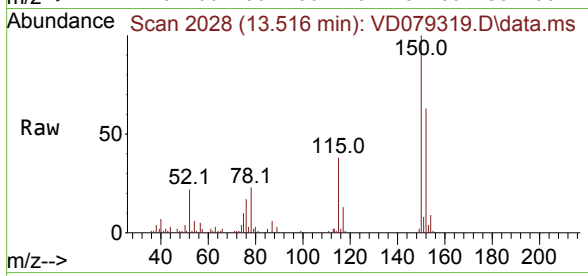




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079319.D
 Acq: 02 Jul 2024 15:20

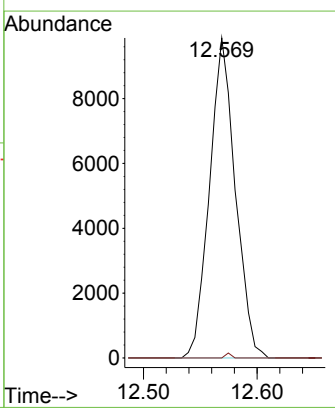
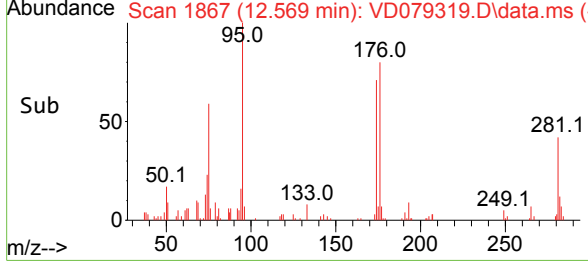
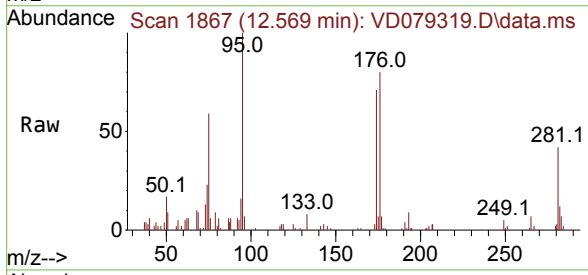
Instrument :
 MSVOA_D
 ClientSampleId :

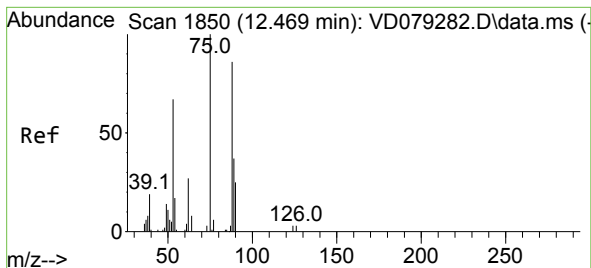
Tgt Ion:	152	Resp:	27449
Ion Ratio	Lower	Upper	
152	100		
115	64.9	26.5	79.5
150	158.5	0.0	341.6



#76
 1,2,3-Trichloropropane
 Concen: 56.794 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079319.D
 Acq: 02 Jul 2024 15:20

Tgt Ion:	75	Resp:	15601
Ion Ratio	Lower	Upper	
75	100		
77	0.3	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.387 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079319.D
 Acq: 02 Jul 2024 15:20

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75 Resp: 15601
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#

