

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
 Data File : VD078977.D
 Acq On : 22 May 2024 14:14
 Operator : RP/MD
 Sample : VD0522SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 23 06:03:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

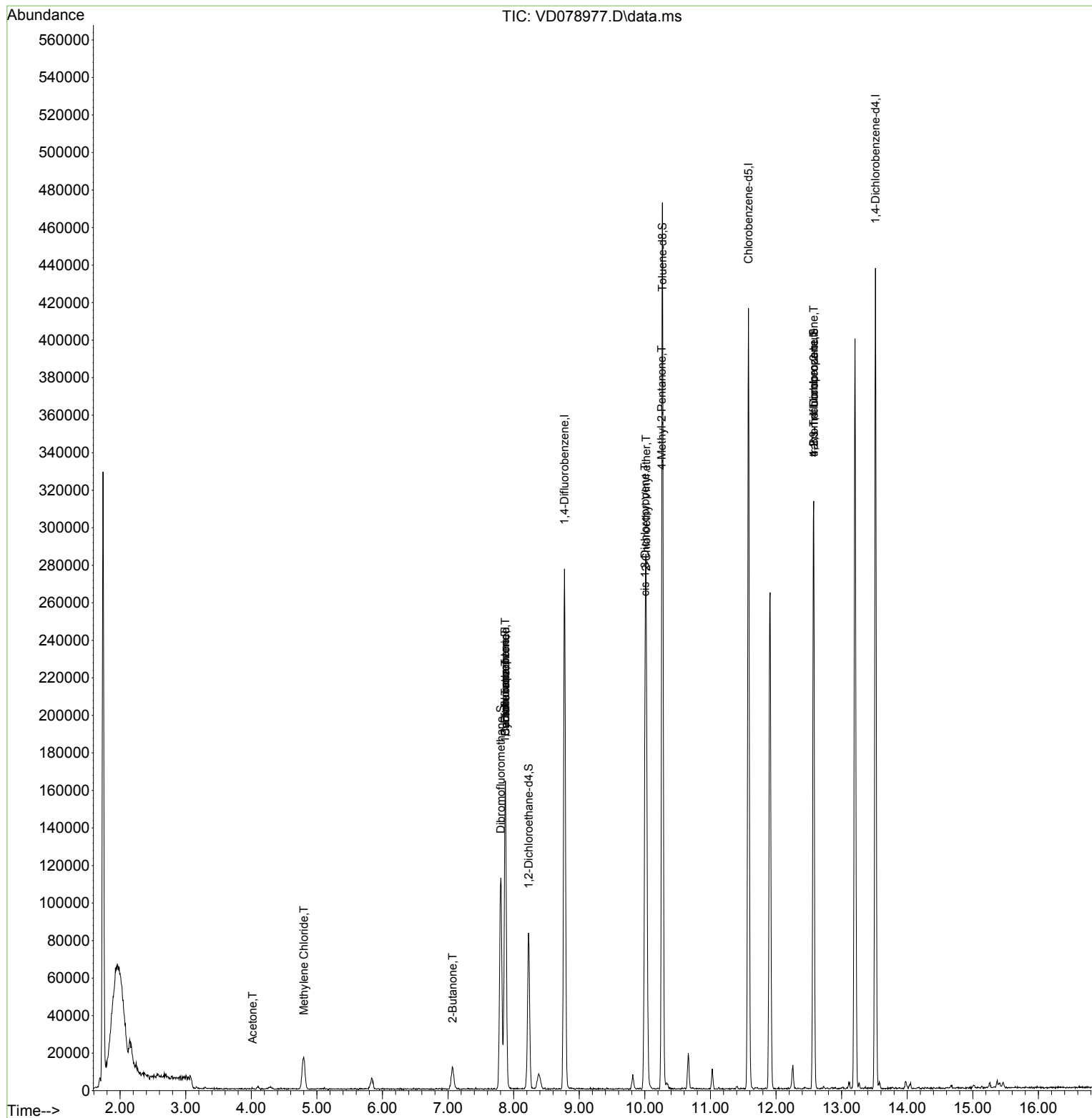
Internal Standards						
1) Pentafluorobenzene	7.875	168	134018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	263383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	250433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64413	51.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.480%	
35) Dibromofluoromethane	7.804	113	86072	49.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.180%	
50) Toluene-d8	10.269	98	331834	50.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.575	95	90399	48.959	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	1097	Below Cal		95
4) Vinyl Chloride	2.199	62	62	Below Cal	#	1
11) Tert butyl alcohol	5.046	59	54	Below Cal	#	86
16) Acetone	4.022	43	300	1.497	ug/l #	37
17) Carbon Disulfide	4.275	76	853	Below Cal	#	76
20) Methylene Chloride	4.805	84	15124	4.124	ug/l #	85
25) 2-Butanone	7.069	43	556	2.074	ug/l #	42
31) Cyclohexane	7.875	56	2421	1.318	ug/l #	53
36) 1,1-Dichloropropene	7.869	75	9671	4.433	ug/l #	45
38) Carbon Tetrachloride	7.875	117	12674	4.964	ug/l #	18
51) 4-Methyl-2-Pentanone	10.257	43	1156	1.645	ug/l #	1
54) cis-1,3-Dichloropropene	10.004	75	4432	1.768	ug/l #	59
58) 2-Chloroethyl Vinyl ether	10.022	63	1608	2.758	ug/l #	42
76) 1,2,3-Trichloropropane	12.575	75	46549	54.616	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	46549	108.305	ug/l #	19

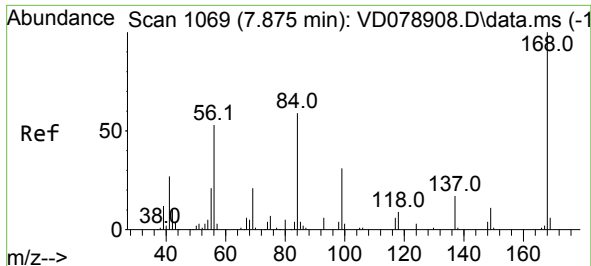
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052224\
Data File : VD078977.D
Acq On : 22 May 2024 14:14
Operator : RP/MD
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Misc : 5.00G/5ml/MSVOA_D/SOIL
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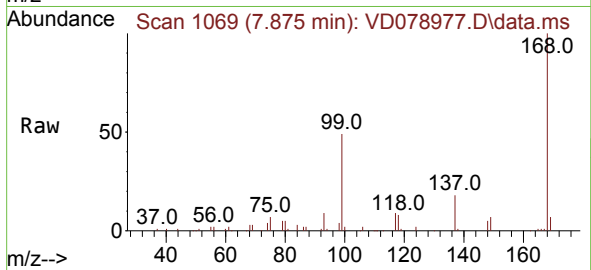
Quant Time: May 23 06:03:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration



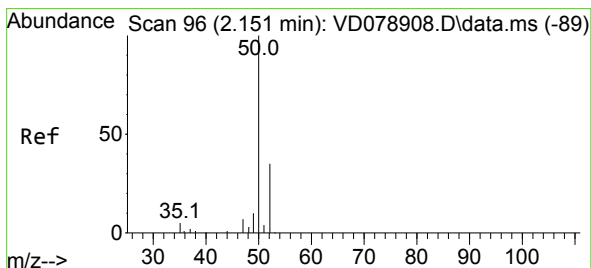
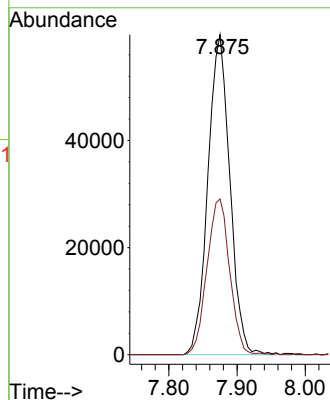
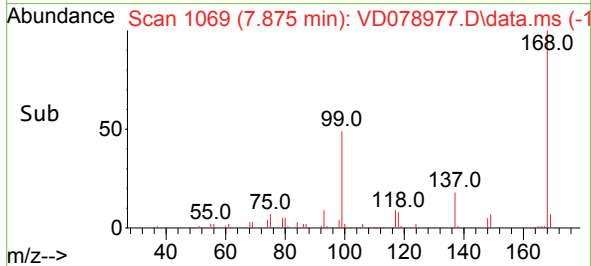


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Instrument :
MSVOA_D
ClientSampleId :

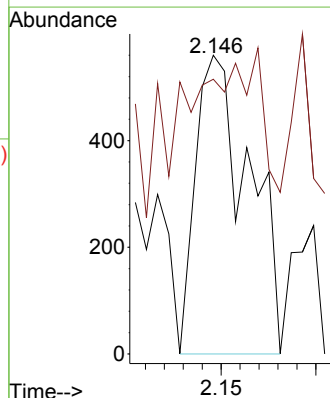
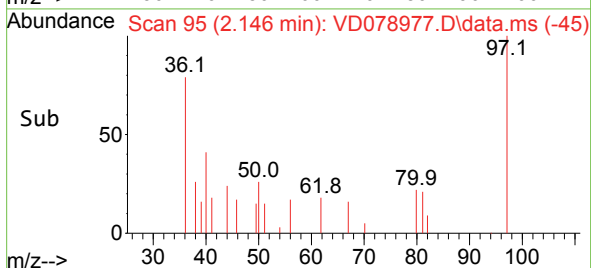
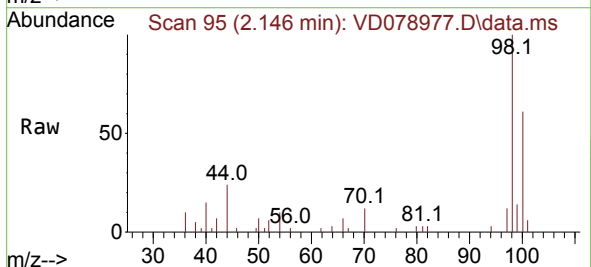


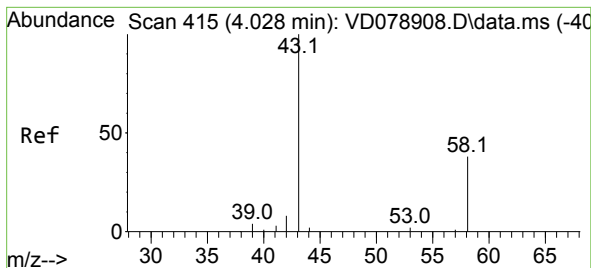
Tgt Ion:168 Resp: 134018
Ion Ratio Lower Upper
168 100
99 48.6 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Tgt Ion: 50 Resp: 1097
Ion Ratio Lower Upper
50 100
52 37.9 28.2 42.2





#16

Acetone

Concen: 1.497 ug/l

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

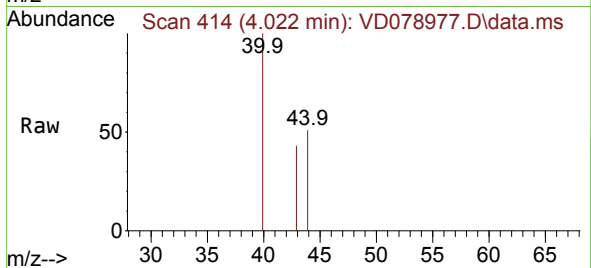
Lab File: VD078977.D

Acq: 22 May 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

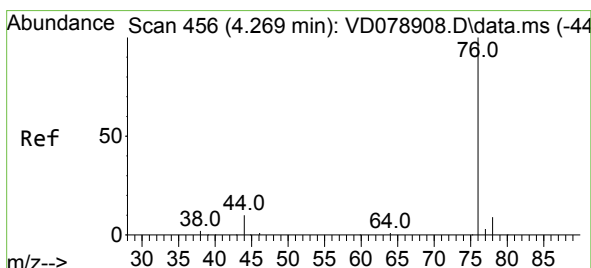
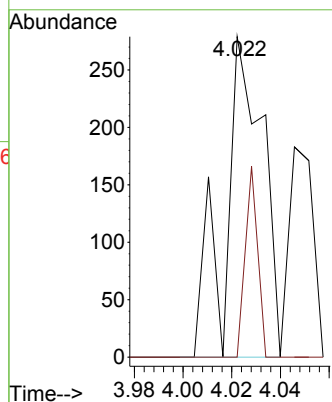


Tgt Ion: 43 Resp: 300

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.275 min Scan# 457

Delta R.T. 0.006 min

Lab File: VD078977.D

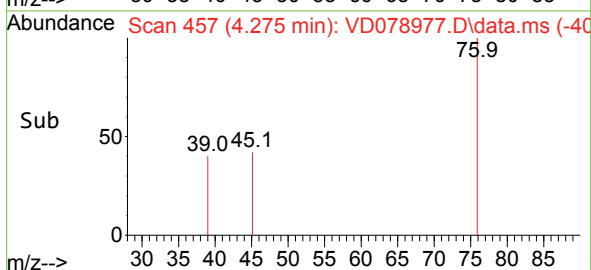
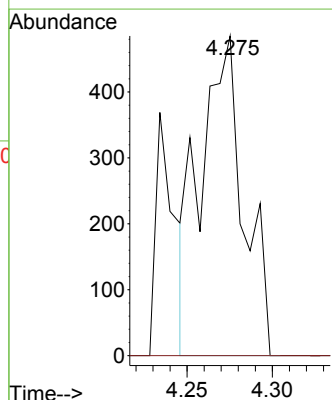
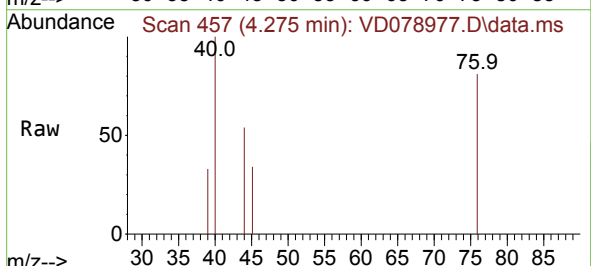
Acq: 22 May 2024 14:14

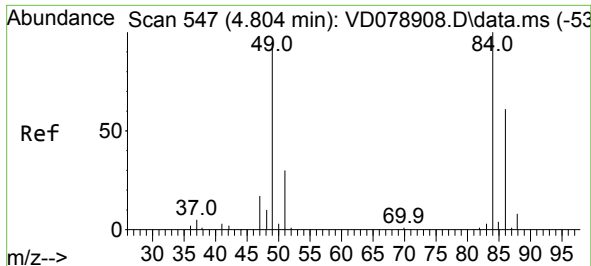
Tgt Ion: 76 Resp: 853

Ion Ratio Lower Upper

76 100

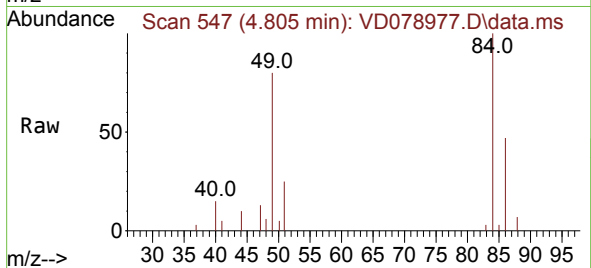
78 0.0 6.9 10.3#



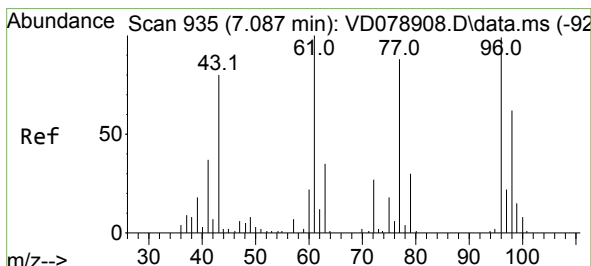
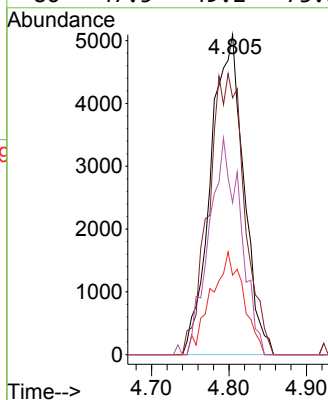
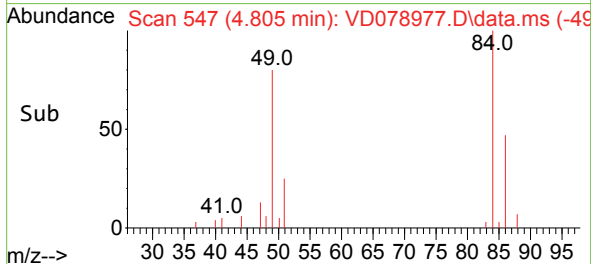


#20
Methylene Chloride
Concen: 4.124 ug/l
RT: 4.805 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Instrument :
MSVOA_D
ClientSampleId :

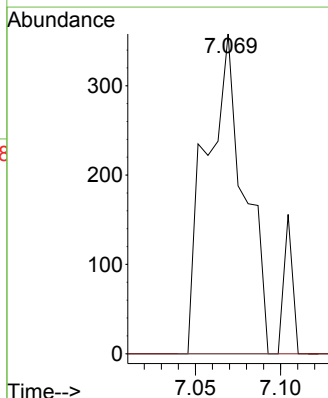
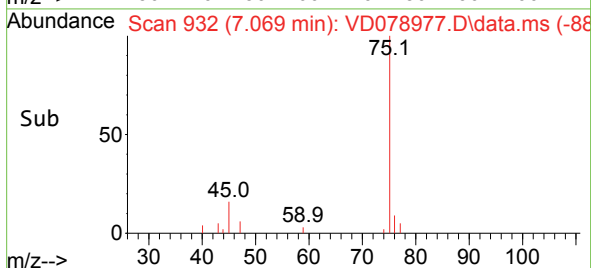
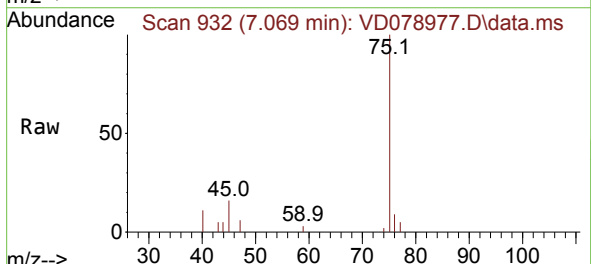


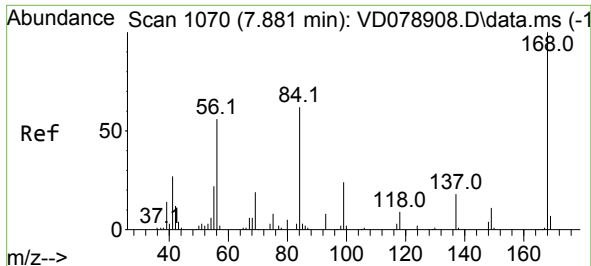
Tgt Ion: 84 Resp: 15124
Ion Ratio Lower Upper
84 100
49 80.3 75.6 113.4
51 24.8 24.2 36.2
86 47.5 49.2 73.8#



#25
2-Butanone
Concen: 2.074 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.017 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

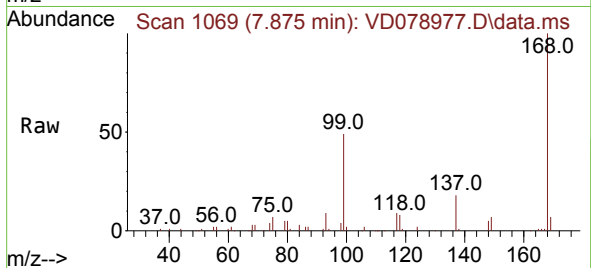
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



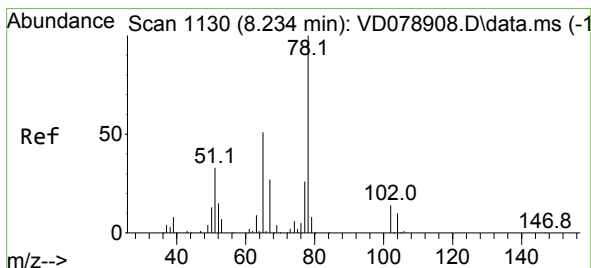
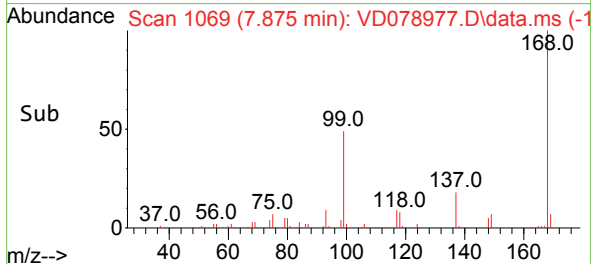
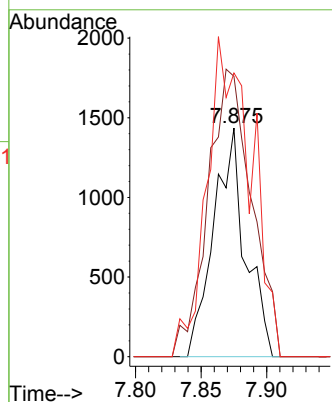


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Instrument :
MSVOA_D
ClientSampleId :

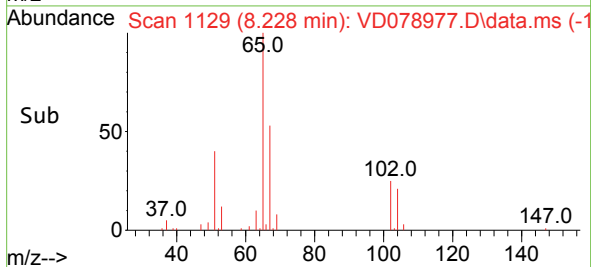
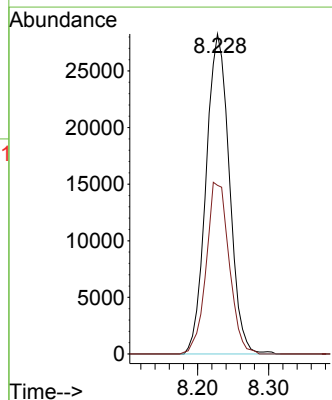
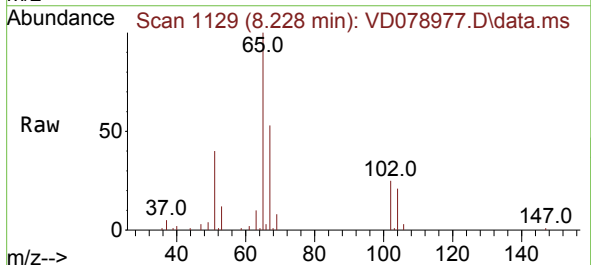


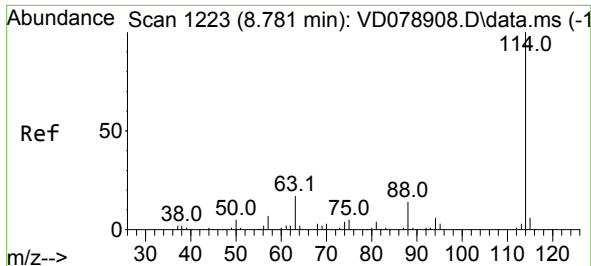
Tgt Ion: 56 Resp: 2421
Ion Ratio Lower Upper
56 100
69 122.6 28.0 42.0#
84 124.0 87.4 131.0



#33
1,2-Dichloroethane-d4
Concen: 51.240 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Tgt Ion: 65 Resp: 64413
Ion Ratio Lower Upper
65 100
67 52.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078977.D

Acq: 22 May 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

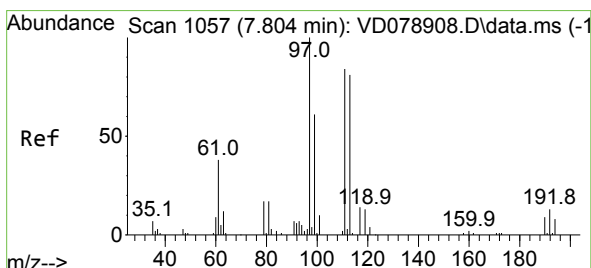
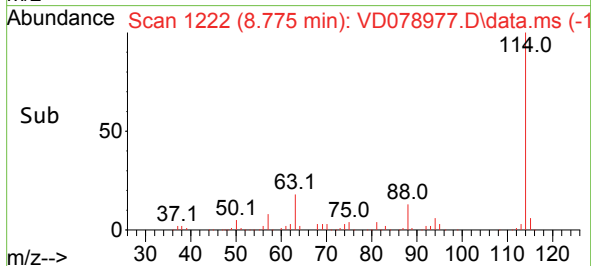
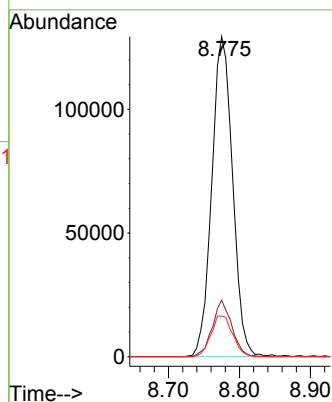
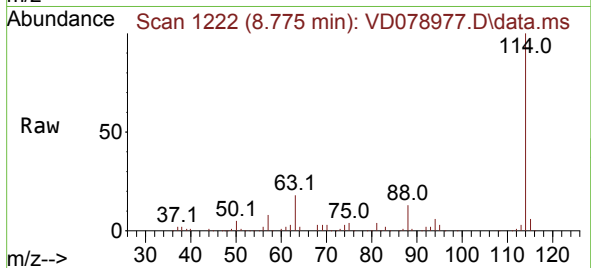
Tgt Ion:114 Resp: 263383

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 12.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.093 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078977.D

Acq: 22 May 2024 14:14

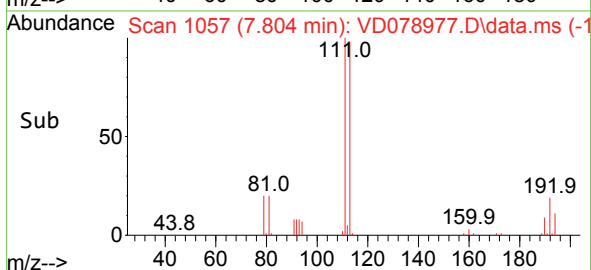
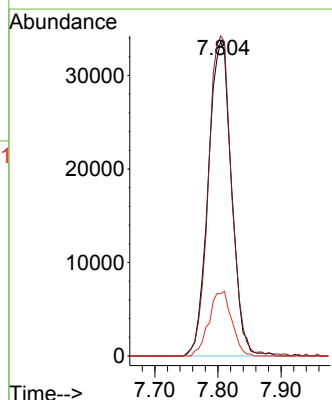
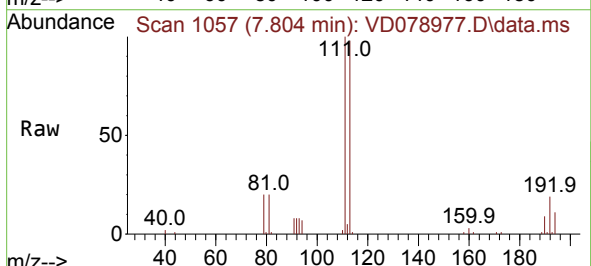
Tgt Ion:113 Resp: 86072

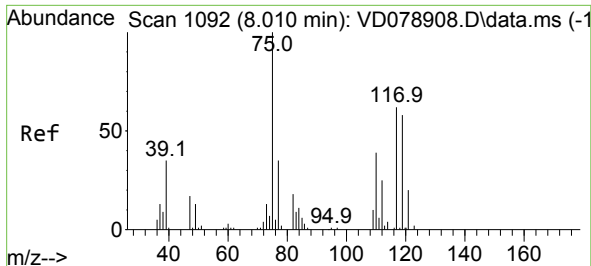
Ion Ratio Lower Upper

113 100

111 101.4 84.0 126.0

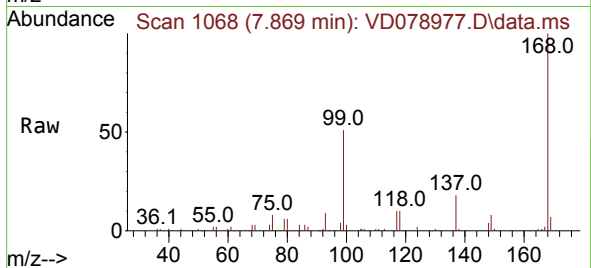
192 20.1 15.4 23.0



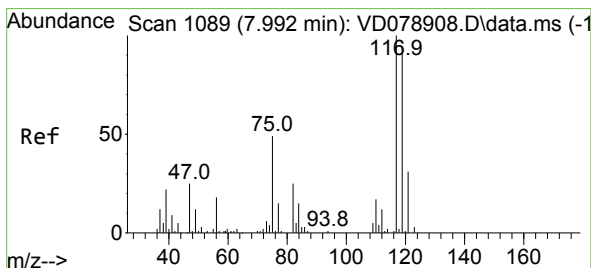
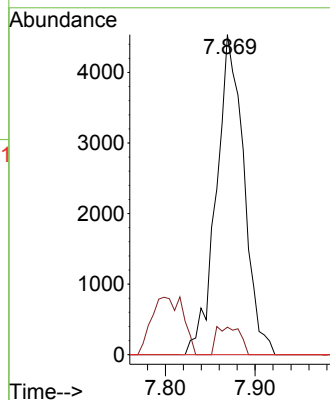
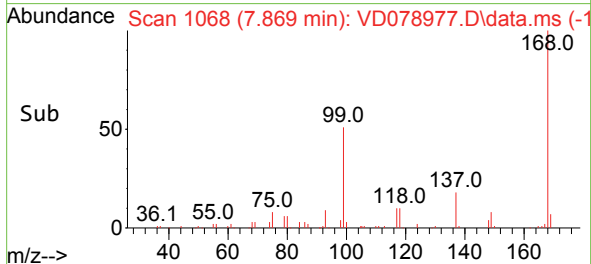


#36
 1,1-Dichloropropene
 Concen: 4.433 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VD078977.D
 Acq: 22 May 2024 14:14

Instrument :
 MSVOA_D
 ClientSampleId :

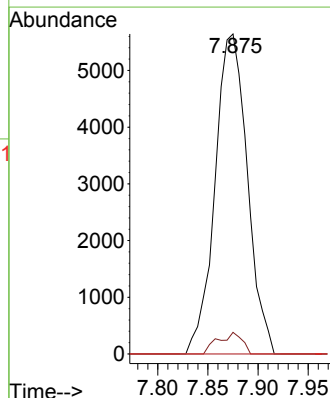
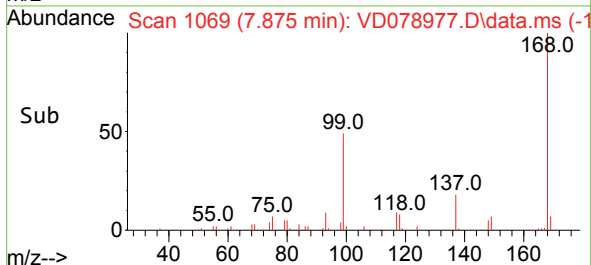
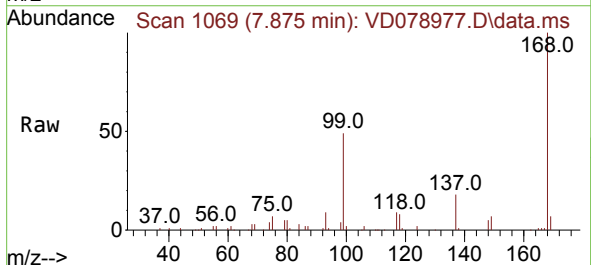


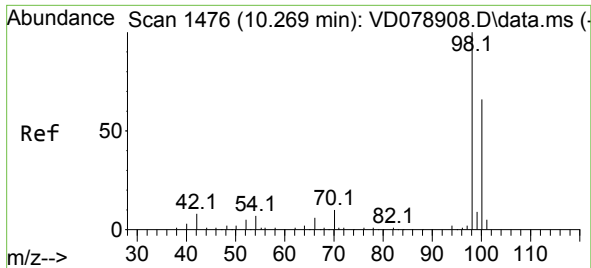
Tgt Ion: 75 Resp: 9671
 Ion Ratio Lower Upper
 75 100
 110 7.5 19.6 58.7#
 77 0.0 26.1 39.1#



#38
 Carbon Tetrachloride
 Concen: 4.964 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.117 min
 Lab File: VD078977.D
 Acq: 22 May 2024 14:14

Tgt Ion: 117 Resp: 12674
 Ion Ratio Lower Upper
 117 100
 119 6.8 75.4 113.0#
 121 0.0 25.0 37.4#

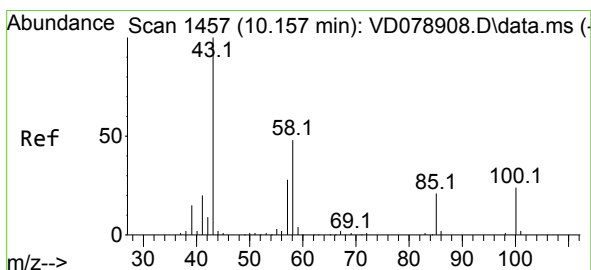
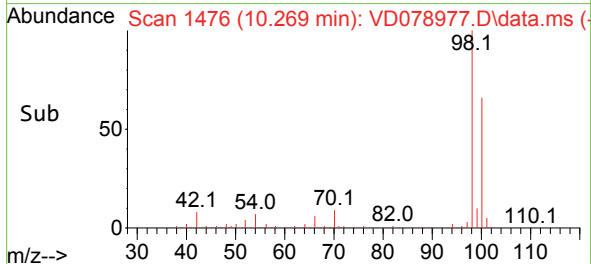
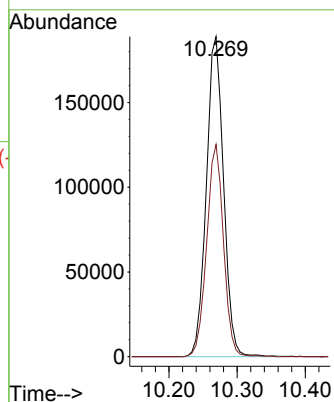
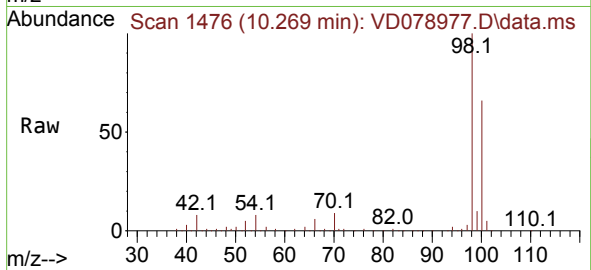




#50
Toluene-d8
Concen: 50.487 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

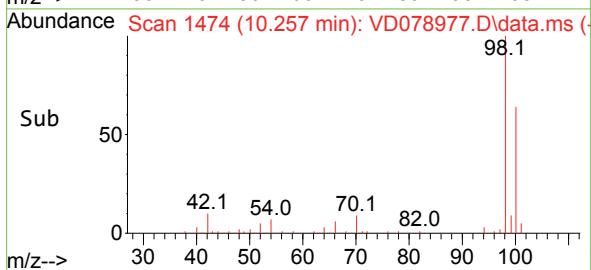
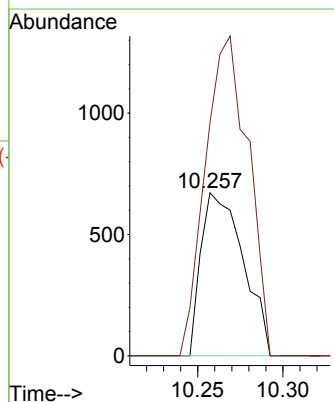
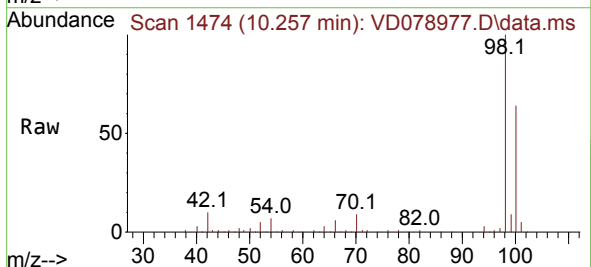
Instrument :
MSVOA_D
ClientSampleId :

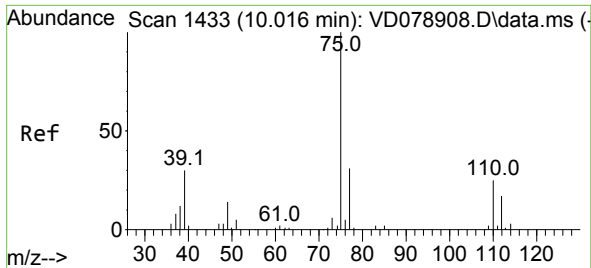
Tgt Ion: 98 Resp: 331834
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.645 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD078977.D
Acq: 22 May 2024 14:14

Tgt Ion: 43 Resp: 1156
Ion Ratio Lower Upper
43 100
58 199.6 36.6 55.0#

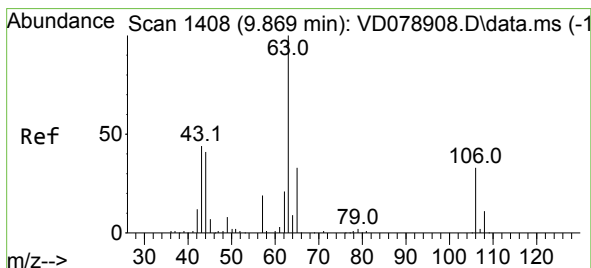
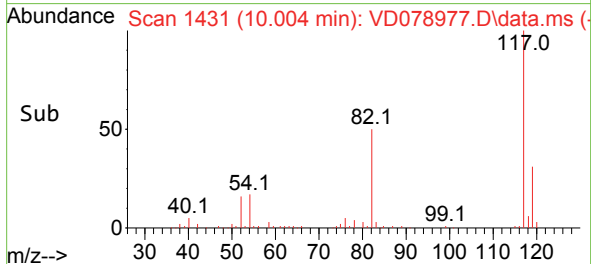
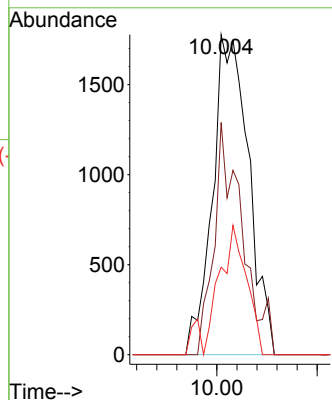
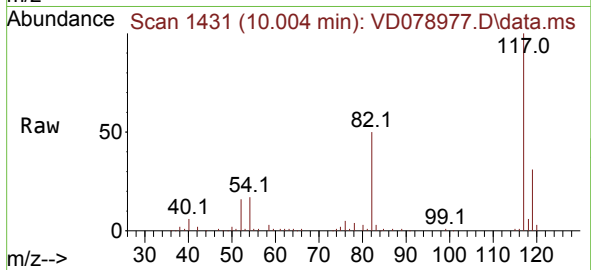




#54
 cis-1,3-Dichloropropene
 Concen: 1.768 ug/l
 RT: 10.004 min Scan# 1432
 Delta R.T. -0.012 min
 Lab File: VD078977.D
 Acq: 22 May 2024 14:14

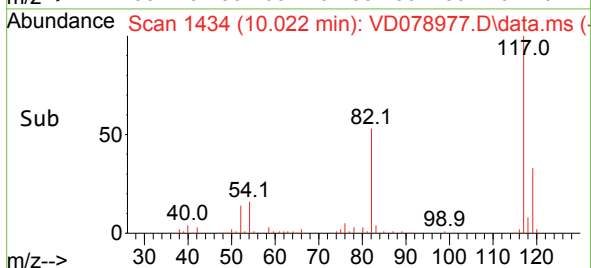
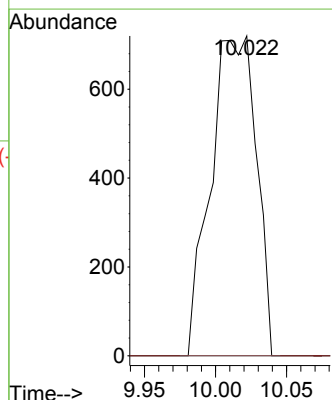
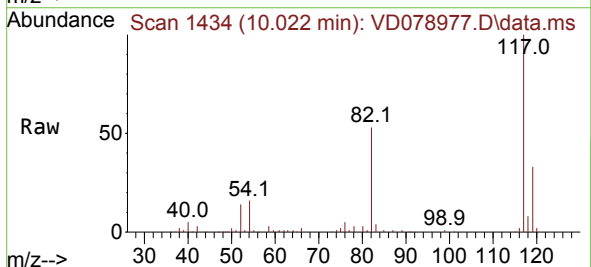
Instrument :
 MSVOA_D
 ClientSampleId :

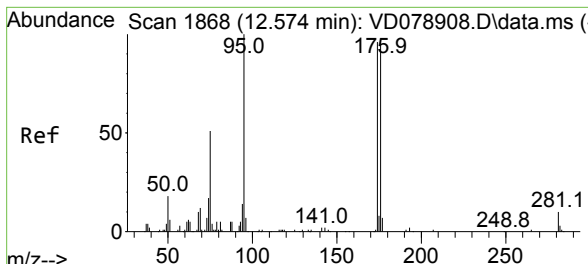
Tgt Ion: 75 Resp: 4432
 Ion Ratio Lower Upper
 75 100
 77 72.5 24.4 36.6#
 39 27.3 24.2 36.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.758 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.153 min
 Lab File: VD078977.D
 Acq: 22 May 2024 14:14

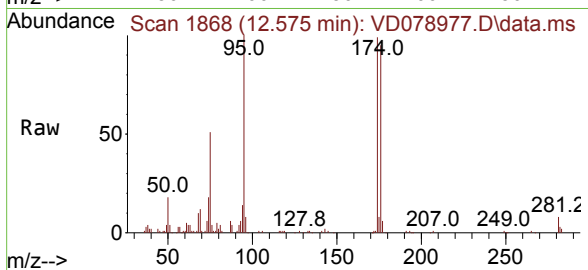
Tgt Ion: 63 Resp: 1608
 Ion Ratio Lower Upper
 63 100
 106 0.0 26.4 39.6#



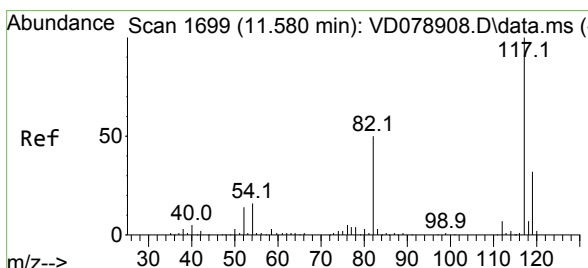
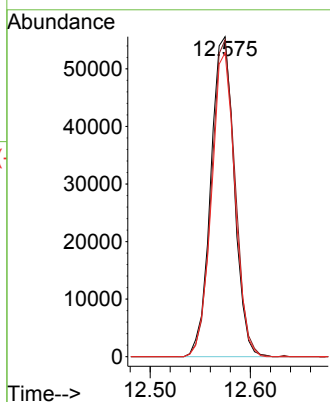
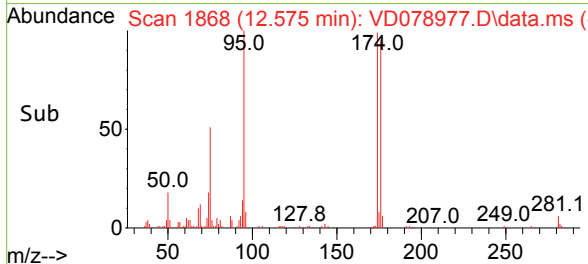


#62
 4-Bromofluorobenzene
 Concen: 48.959 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD078977.D
 Acq: 22 May 2024 14:14

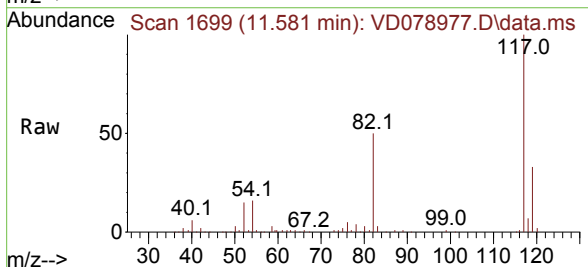
Instrument : MSVOA_D
 ClientSampleId :



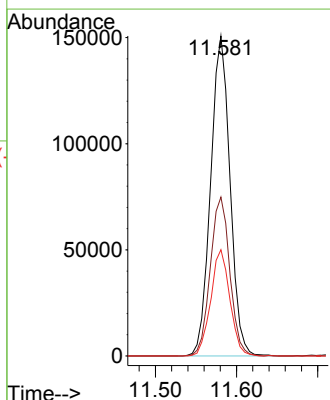
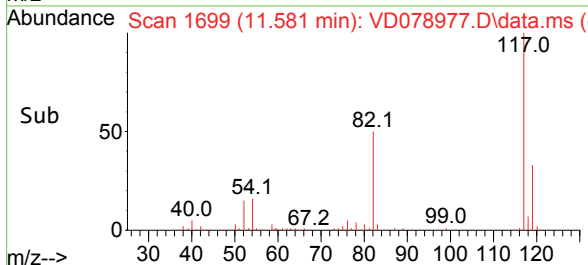
Tgt Ion:	95	Resp:	90399
Ion Ratio	Lower	Upper	
95	100		
174	99.3	0.0	195.4
176	94.3	0.0	192.6

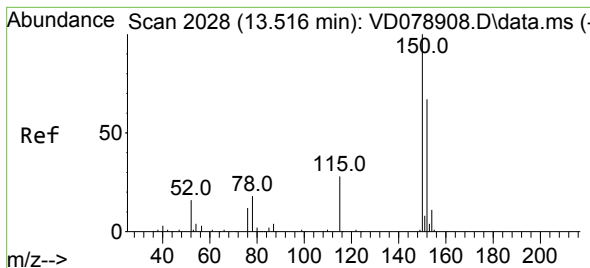


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078977.D
 Acq: 22 May 2024 14:14



Tgt Ion:	117	Resp:	250433
Ion Ratio	Lower	Upper	
117	100		
82	49.7	39.8	59.6
119	33.2	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

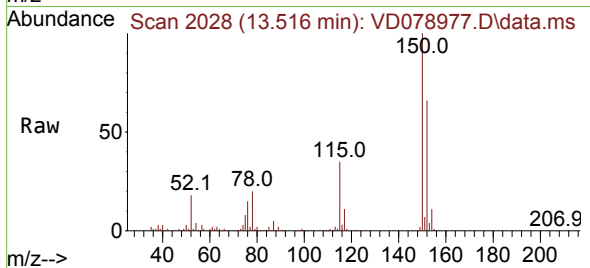
Lab File: VD078977.D

Acq: 22 May 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :



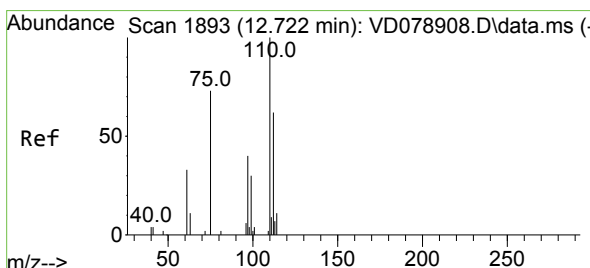
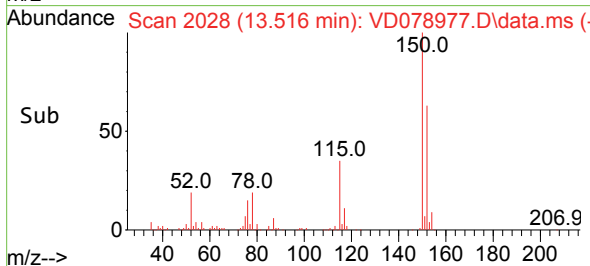
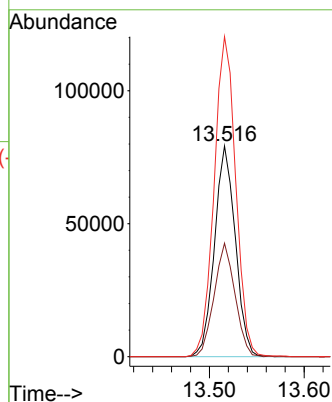
Tgt Ion:152 Resp: 121064

Ion Ratio Lower Upper

152 100

115 54.0 26.5 79.5

150 157.7 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 54.616 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078977.D

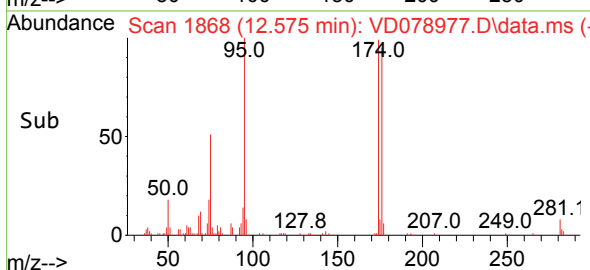
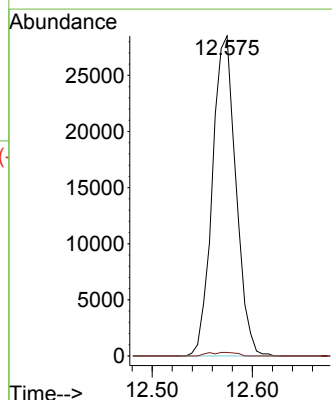
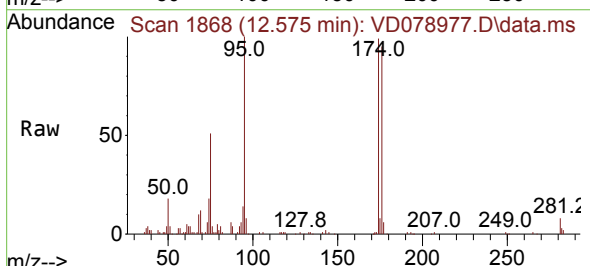
Acq: 22 May 2024 14:14

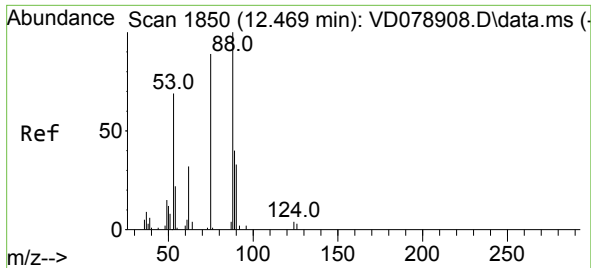
Tgt Ion: 75 Resp: 46549

Ion Ratio Lower Upper

75 100

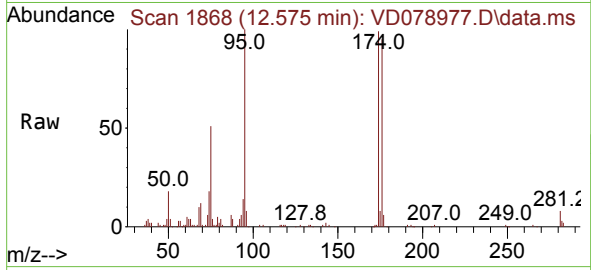
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.305 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078977.D
 Acq: 22 May 2024 14:14

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	46549
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

