

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079777.D
 Acq On : 04 Sep 2024 16:52
 Operator : RP/MD
 Sample : P3819-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 05 02:19:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

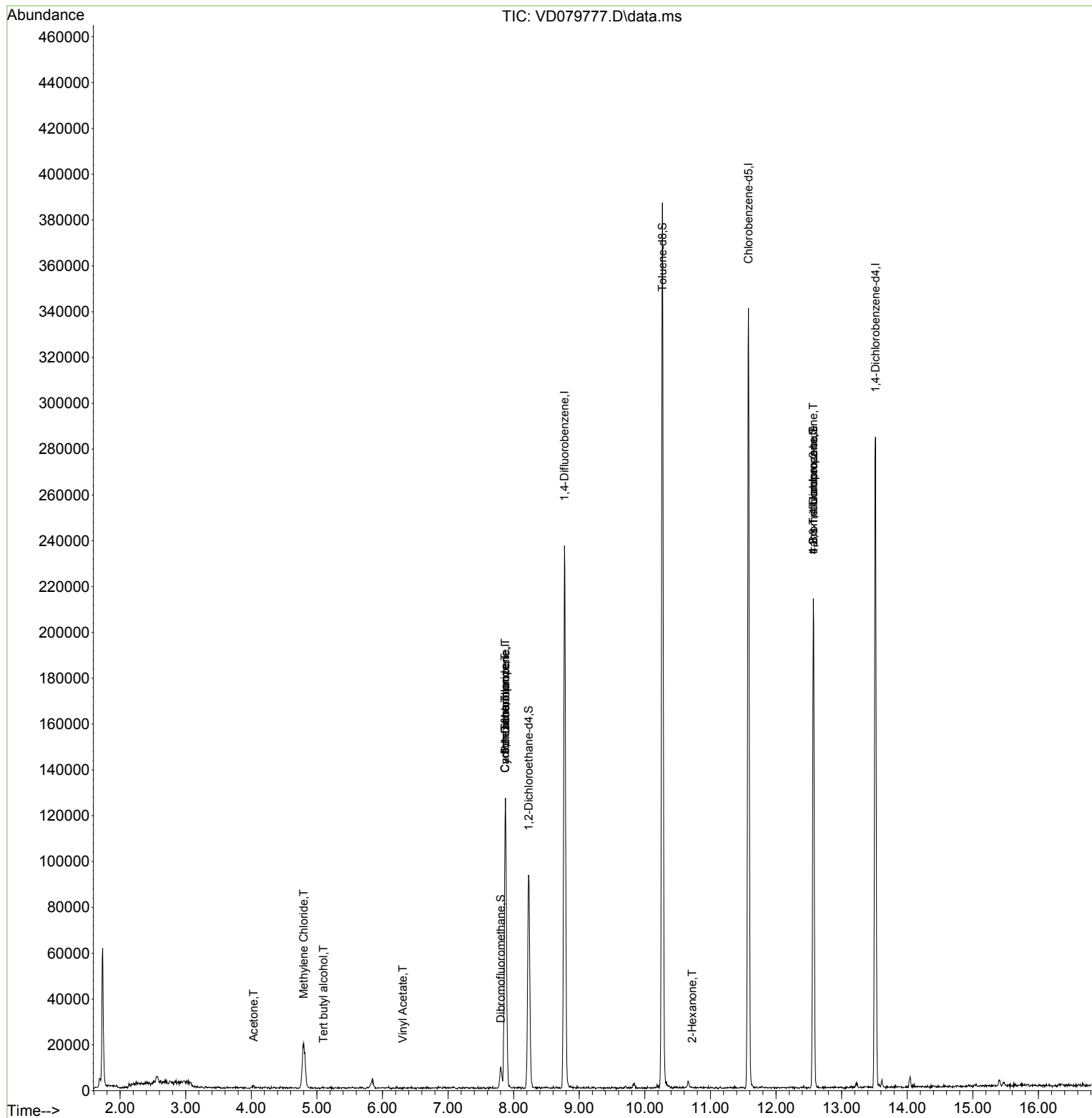
Internal Standards						
1) Pentafluorobenzene	7.875	168	87886	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	200543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72853	60.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.600%	
35) Dibromofluoromethane	7.804	113	6672	5.118	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 10.240%#	
50) Toluene-d8	10.269	98	268609	48.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	12.569	95	65603	41.939	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.880%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.099	59	65	1.100	ug/l	# 86
16) Acetone	4.034	43	811	3.261	ug/l	# 37
20) Methylene Chloride	4.799	84	15413	8.139	ug/l	# 82
23) Vinyl Acetate	6.310	43	61	2.540	ug/l	# 63
31) Cyclohexane	7.869	56	2713	1.354	ug/l	# 56
36) 1,1-Dichloropropene	7.875	75	8913	4.613	ug/l	# 45
38) Carbon Tetrachloride	7.869	117	10651	5.169	ug/l	# 18
59) 2-Hexanone	10.722	43	157	20.457	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	35821	56.409	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	35821	94.085	ug/l	# 19

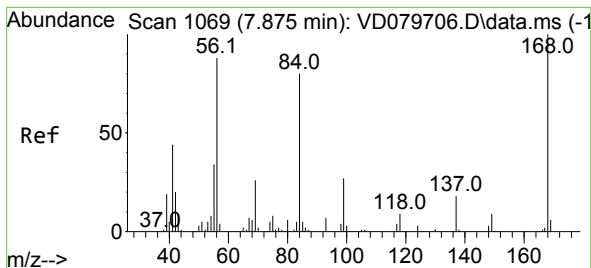
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Sep 05 02:19:11 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

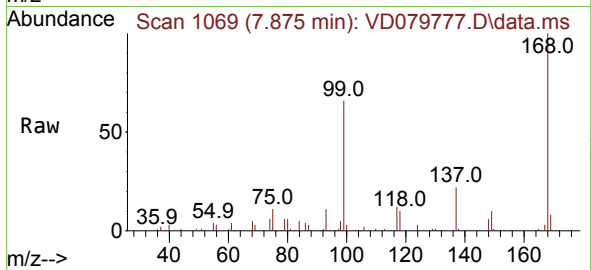
Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_D

ClientSampleId :

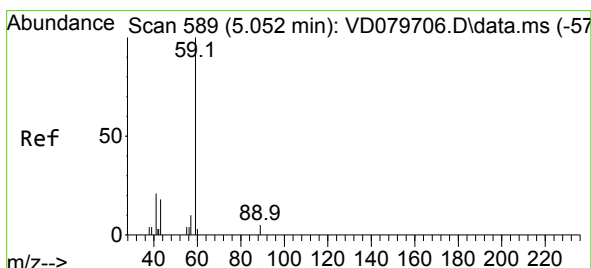
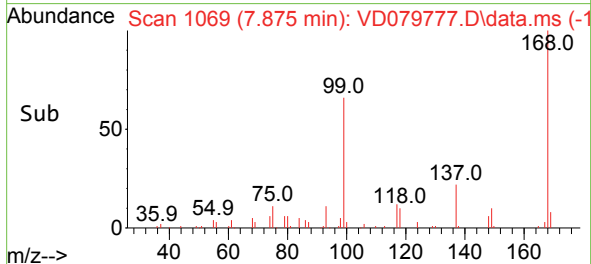
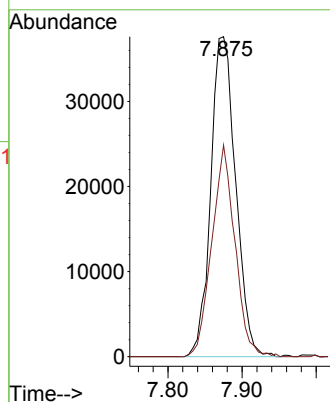


Tgt Ion:168 Resp: 87886

Ion Ratio Lower Upper

168 100

99 66.1 41.1 61.7#



#11

Tert butyl alcohol

Concen: 1.100 ug/l

RT: 5.099 min Scan# 597

Delta R.T. 0.047 min

Lab File: VD079777.D

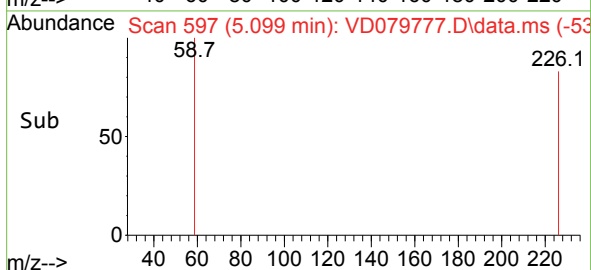
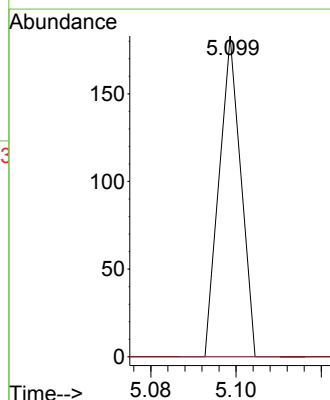
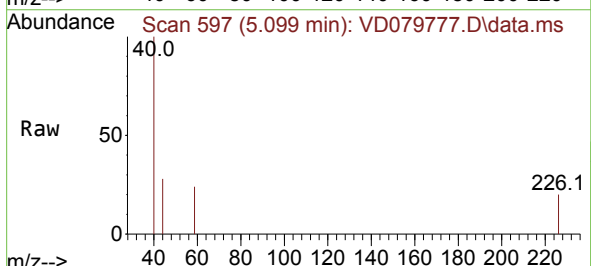
Acq: 04 Sep 2024 16:52

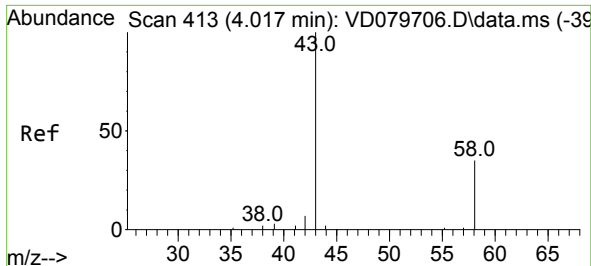
Tgt Ion: 59 Resp: 65

Ion Ratio Lower Upper

59 100

57 0.0 3.6 5.4#





#16

Acetone

Concen: 3.261 ug/l

RT: 4.034 min Scan# 413

Delta R.T. 0.017 min

Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_D

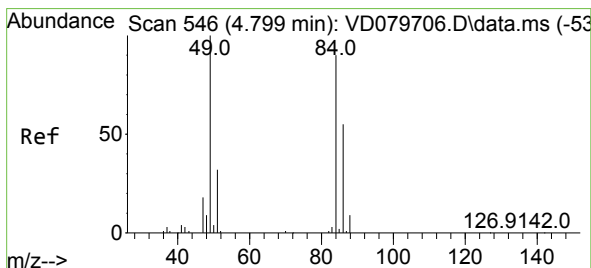
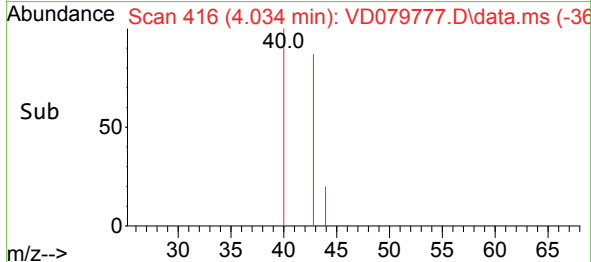
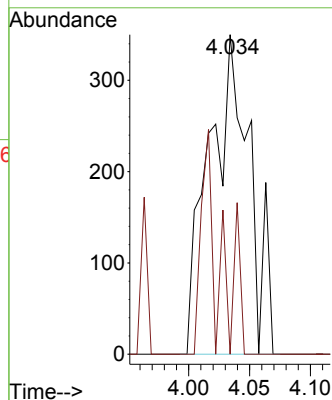
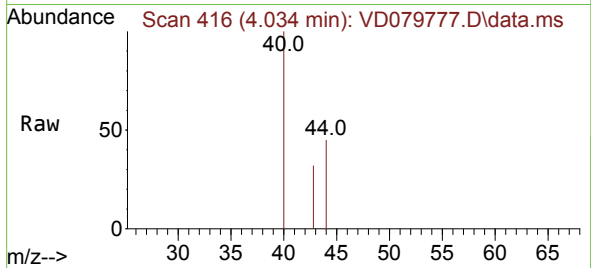
ClientSampleId :

Tgt Ion: 43 Resp: 811

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#20

Methylene Chloride

Concen: 8.139 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Tgt Ion: 84 Resp: 15413

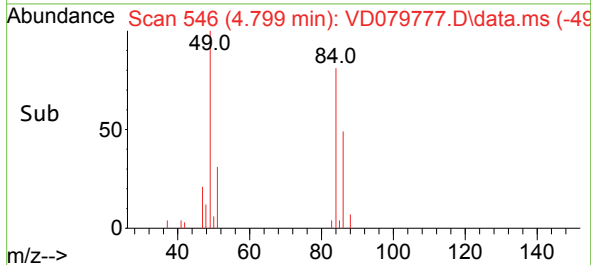
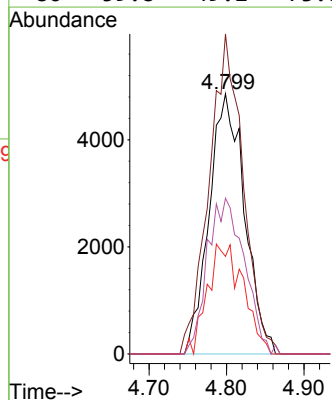
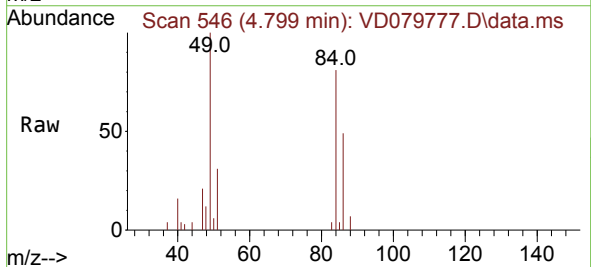
Ion Ratio Lower Upper

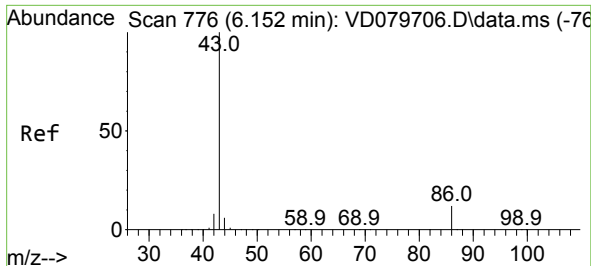
84 100

49 123.0 75.6 113.4#

51 37.5 24.2 36.2#

86 59.8 49.2 73.8

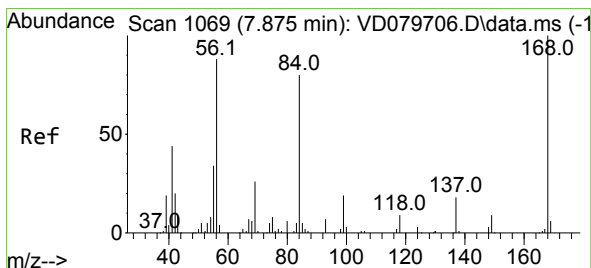
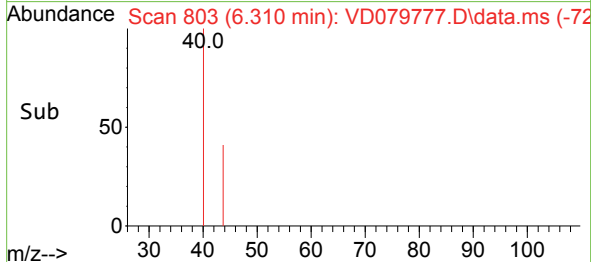
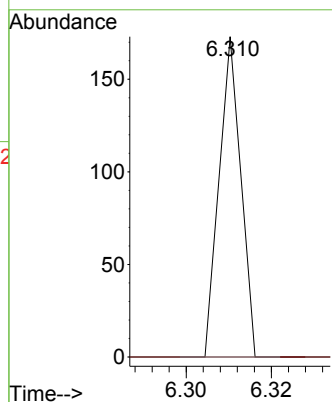
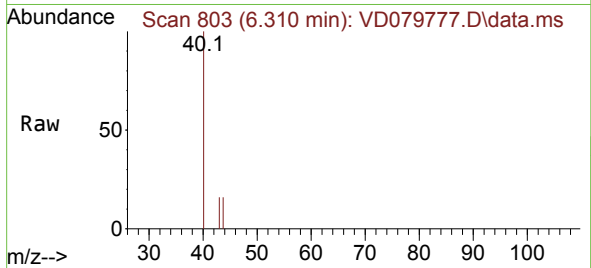




#23
 Vinyl Acetate
 Concen: 2.540 ug/l
 RT: 6.310 min Scan# 80
 Delta R.T. 0.158 min
 Lab File: VD079777.D
 Acq: 04 Sep 2024 16:52

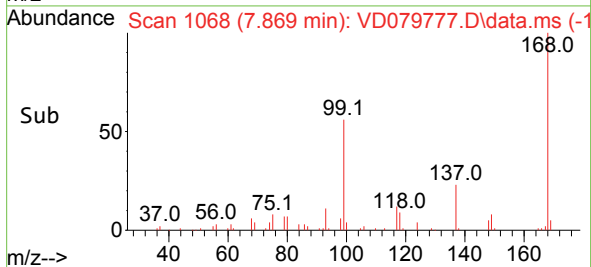
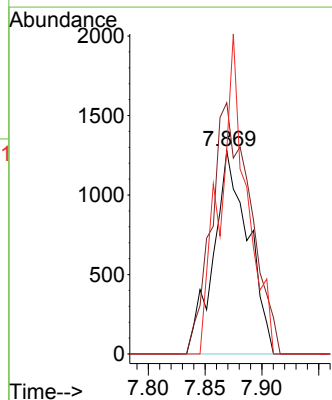
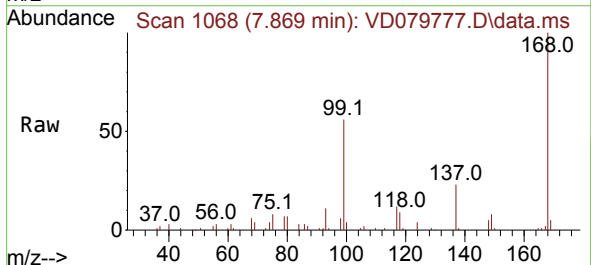
Instrument :
 MSVOA_D
 ClientSampleId :

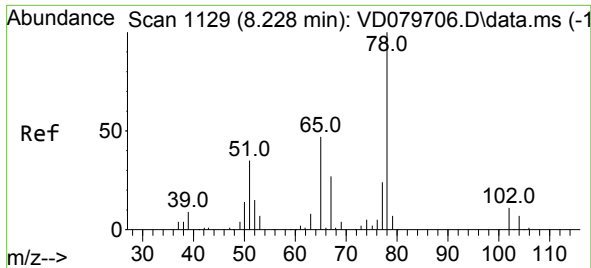
Tgt Ion: 43 Resp: 61
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.3 18.5#



#31
 Cyclohexane
 Concen: 1.354 ug/l
 RT: 7.869 min Scan# 1068
 Delta R.T. -0.006 min
 Lab File: VD079777.D
 Acq: 04 Sep 2024 16:52

Tgt Ion: 56 Resp: 2713
 Ion Ratio Lower Upper
 56 100
 69 123.5 28.0 42.0#
 84 100.0 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 60.796 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_D

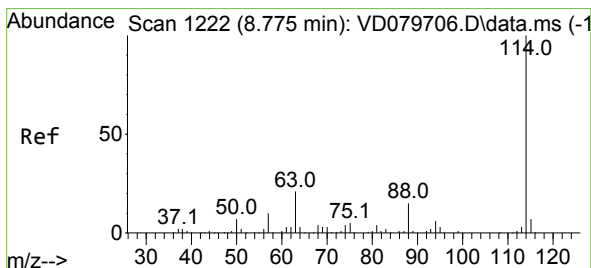
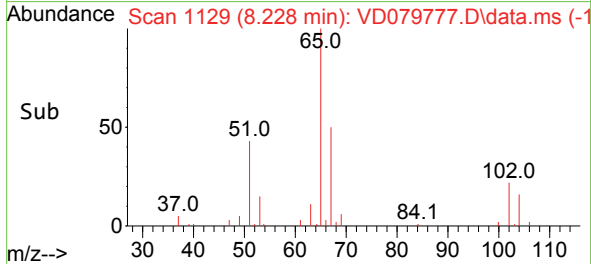
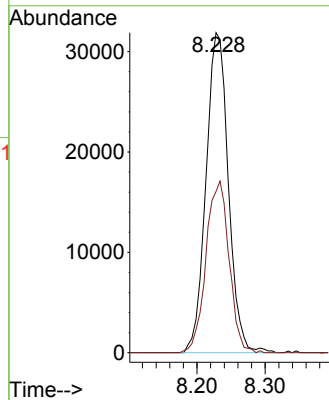
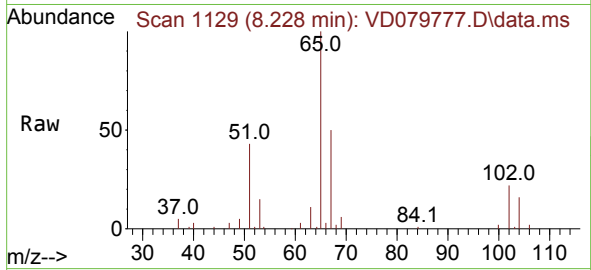
ClientSampleId :

Tgt Ion: 65 Resp: 72853

Ion Ratio Lower Upper

65 100

67 55.2 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: VD079777.D

Acq: 04 Sep 2024 16:52

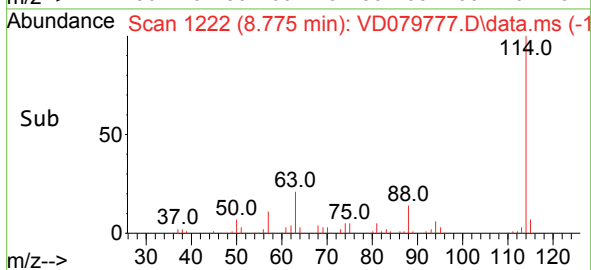
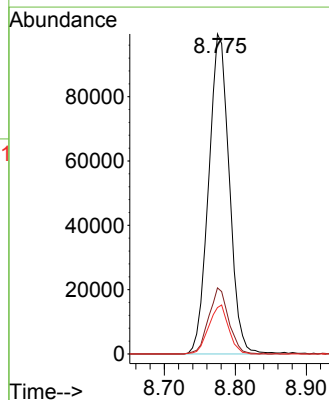
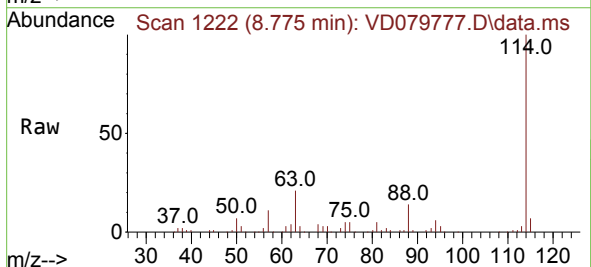
Tgt Ion:114 Resp: 200543

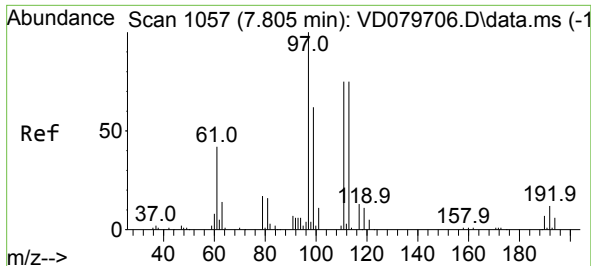
Ion Ratio Lower Upper

114 100

63 20.6 0.0 34.0

88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 5.118 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

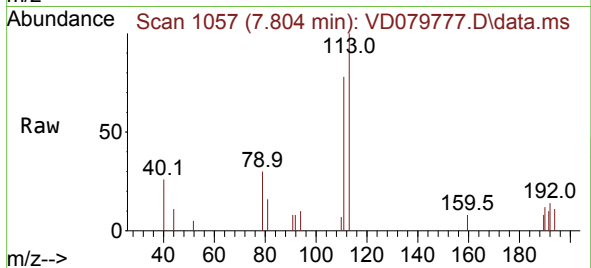
Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

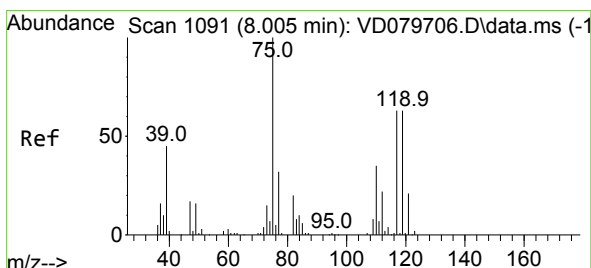
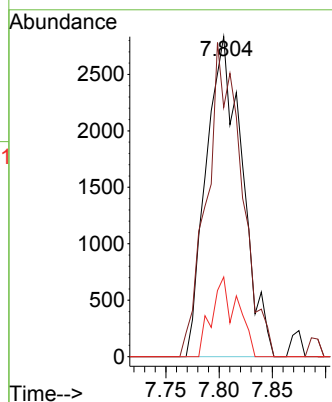
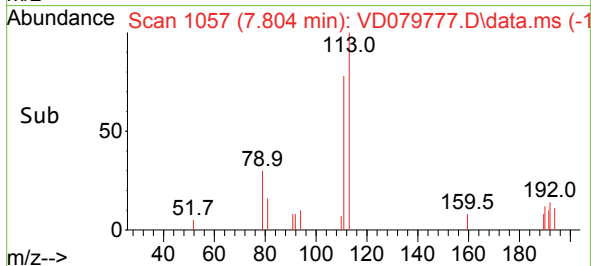
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	6672
Ion	Ratio	Lower	Upper
113	100		
111	94.3	84.0	126.0
192	17.8	15.4	23.0



#36

1,1-Dichloropropene

Concen: 4.613 ug/l

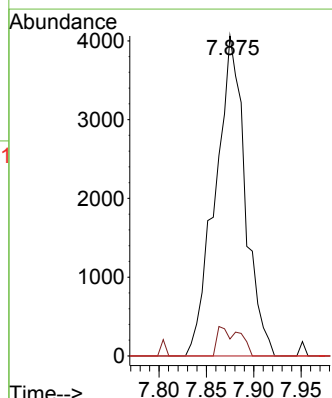
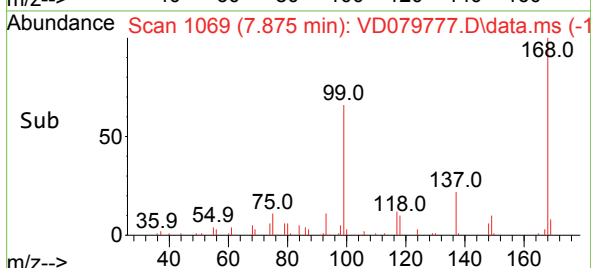
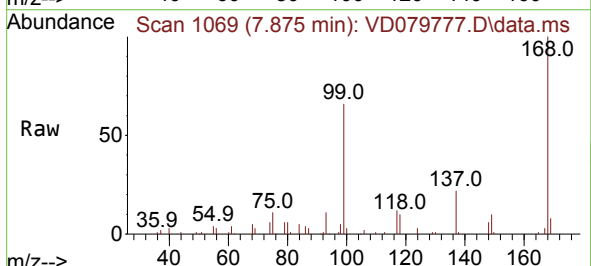
RT: 7.875 min Scan# 1069

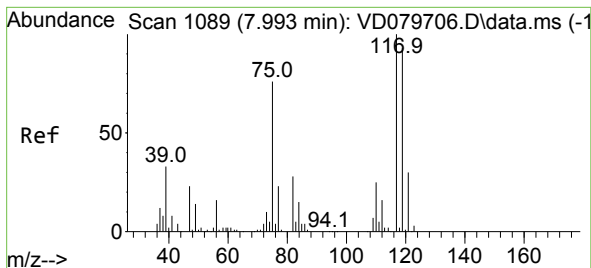
Delta R.T. -0.130 min

Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Tgt Ion:	75	Resp:	8913
Ion	Ratio	Lower	Upper
75	100		
110	6.7	19.6	58.7#
77	0.0	26.1	39.1#





#38

Carbon Tetrachloride

Concen: 5.169 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

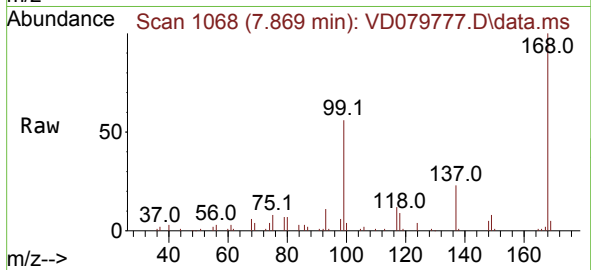
Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_D

ClientSampleId :



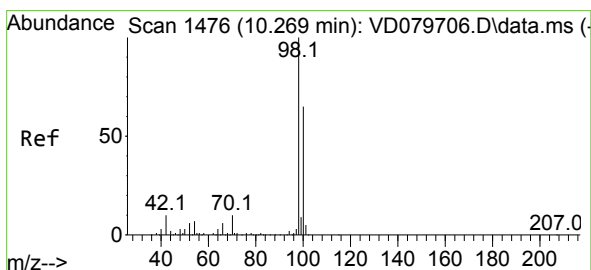
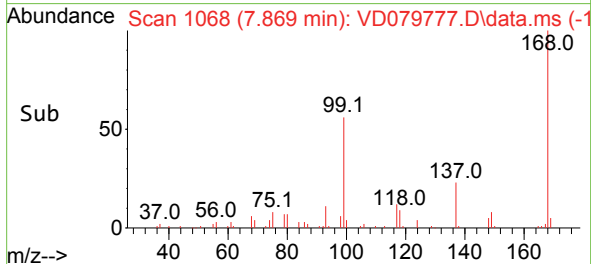
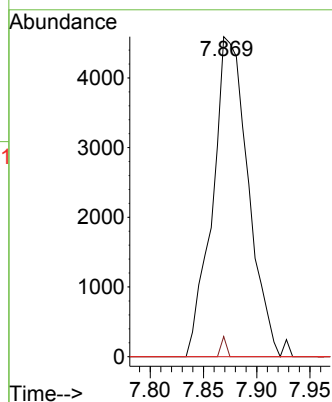
Tgt Ion:117 Resp: 10651

Ion Ratio Lower Upper

117 100

119 6.3 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 48.047 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079777.D

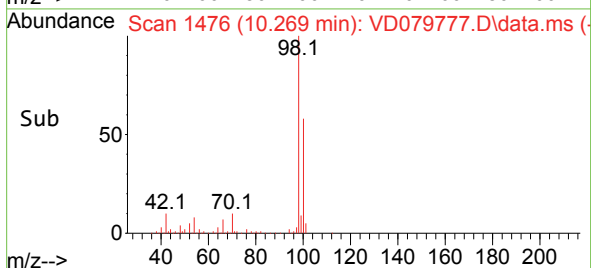
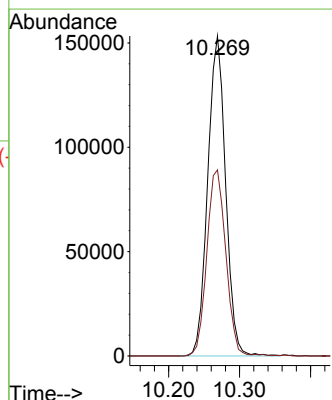
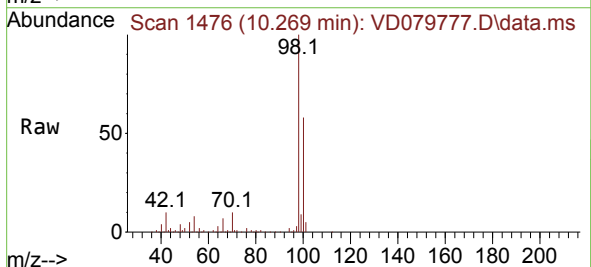
Acq: 04 Sep 2024 16:52

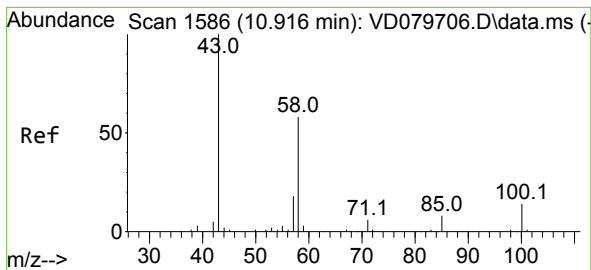
Tgt Ion: 98 Resp: 268609

Ion Ratio Lower Upper

98 100

100 61.5 51.6 77.4

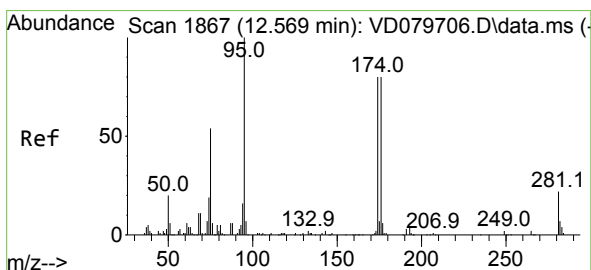
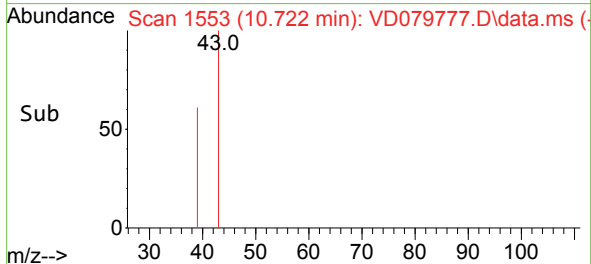
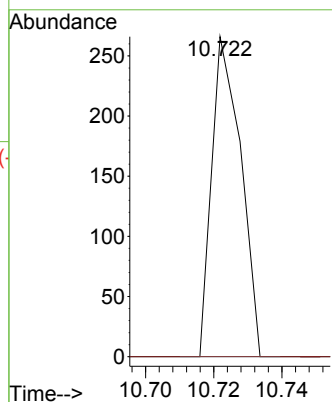
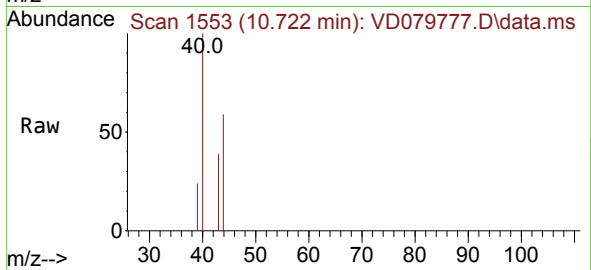




#59
2-Hexanone
Concen: 20.457 ug/l
RT: 10.722 min Scan# 1553
Delta R.T. -0.194 min
Lab File: VD079777.D
Acq: 04 Sep 2024 16:52

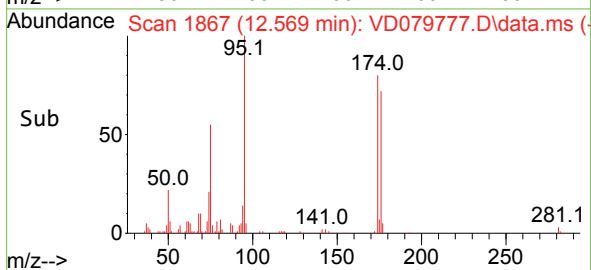
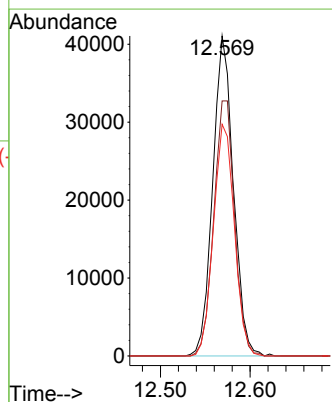
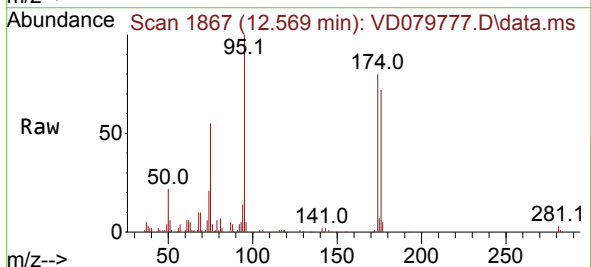
Instrument :
MSVOA_D
ClientSampleId :

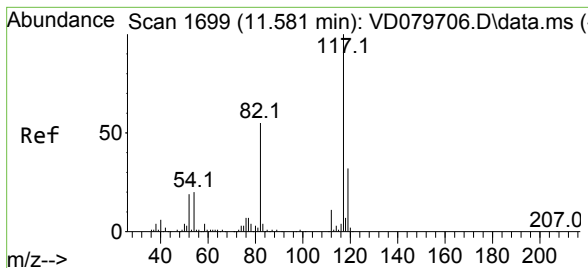
Tgt Ion: 43 Resp: 157
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 41.939 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079777.D
Acq: 04 Sep 2024 16:52

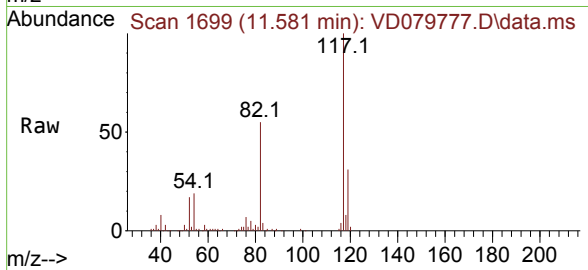
Tgt Ion: 95 Resp: 65603
Ion Ratio Lower Upper
95 100
174 80.4 0.0 195.4
176 73.6 0.0 192.6



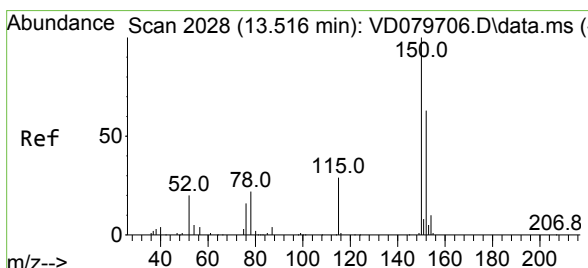
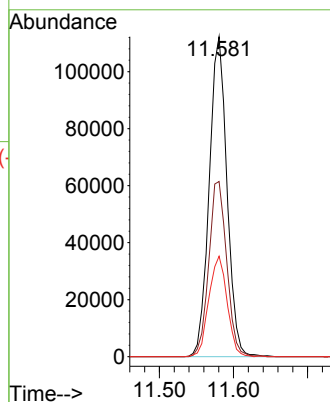
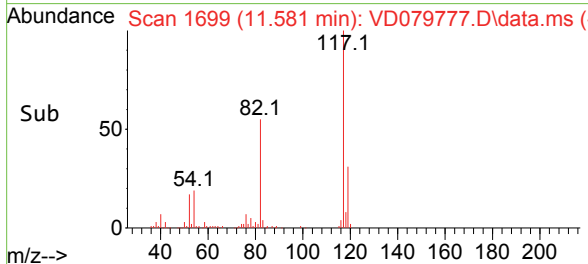


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079777.D
Acq: 04 Sep 2024 16:52

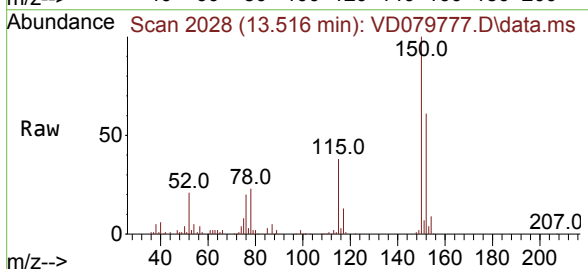
Instrument :
MSVOA_D
ClientSampleId :



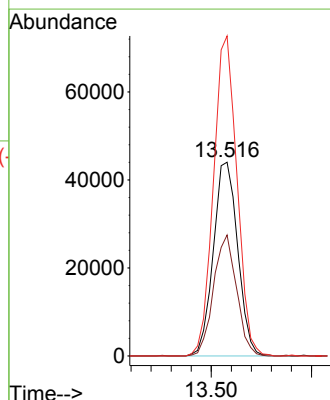
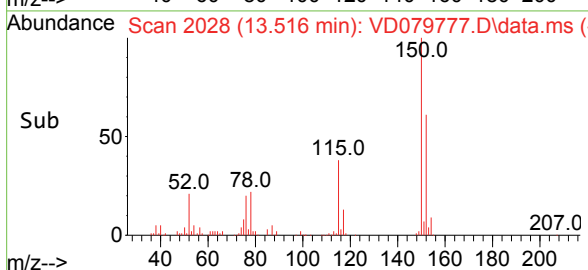
Tgt Ion:117 Resp: 186911
Ion Ratio Lower Upper
117 100
82 54.7 39.8 59.6
119 31.4 25.7 38.5

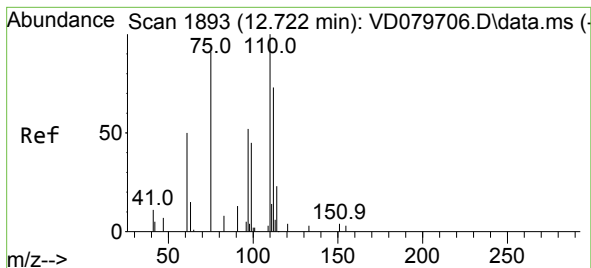


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079777.D
Acq: 04 Sep 2024 16:52



Tgt Ion:152 Resp: 74298
Ion Ratio Lower Upper
152 100
115 58.9 26.5 79.5
150 159.0 0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 56.409 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA_D

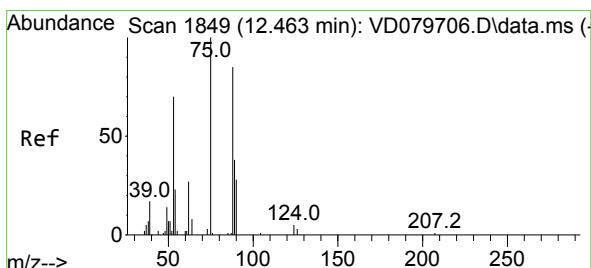
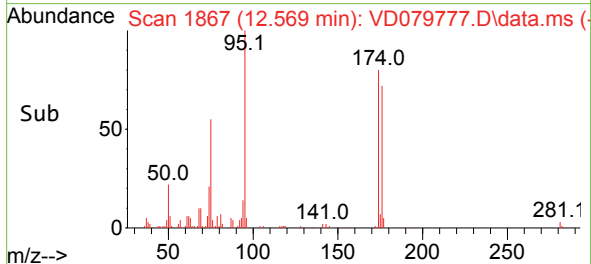
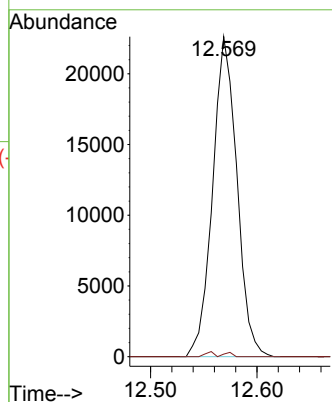
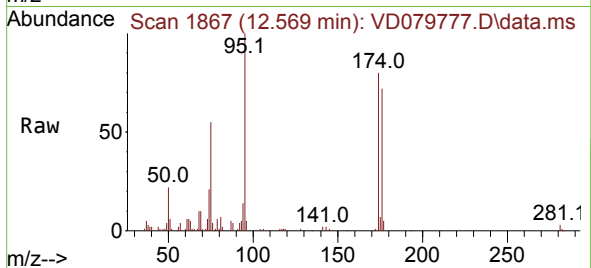
ClientSampleId :

Tgt Ion: 75 Resp: 35821

Ion Ratio Lower Upper

75 100

77 0.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.085 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.106 min

Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Tgt Ion: 75 Resp: 35821

Ion Ratio Lower Upper

75 100

53 0.2 61.4 92.2#

89 0.0 35.4 53.0#

