

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072224\
 Data File : VD079392.D
 Acq On : 22 Jul 2024 17:01
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 23 10:17:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 23 09:57:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	151388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	291040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	275148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111906	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	98624	57.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.680%	
35) Dibromofluoromethane	7.798	113	105766	52.255	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.500%	
50) Toluene-d8	10.269	98	377335	49.283	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.569	95	107024	45.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 91.400%	

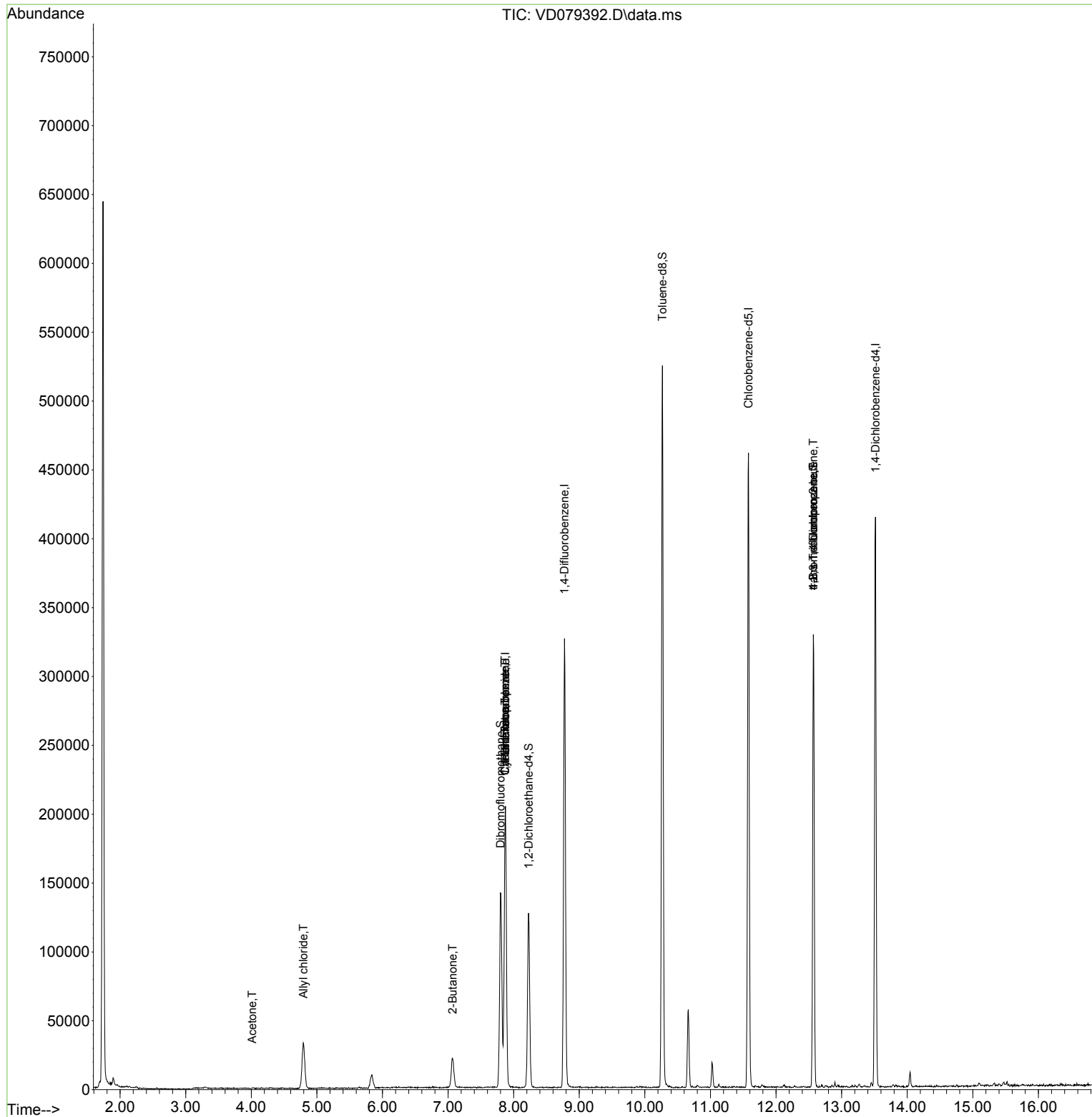
Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.934	85	83	Below Cal	#	43
14) Allyl chloride	4.793	41	861	2.724	ug/l #	17
16) Acetone	4.016	43	216	15.173	ug/l #	37
20) Methylene Chloride	4.793	84	29325	Below Cal		90
25) 2-Butanone	7.069	43	856	1.656	ug/l #	42
31) Cyclohexane	7.869	56	3529	1.277	ug/l #	33
36) 1,1-Dichloropropene	7.869	75	13171	4.844	ug/l #	49
38) Carbon Tetrachloride	7.869	117	16642	5.801	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	52995	44.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	52995	89.191	ug/l #	19

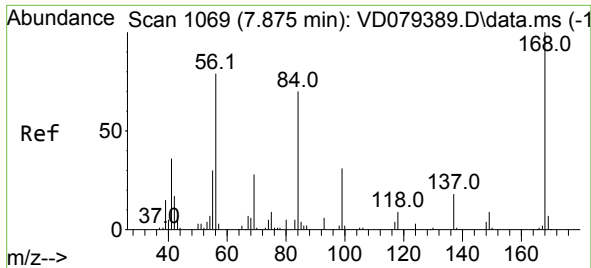
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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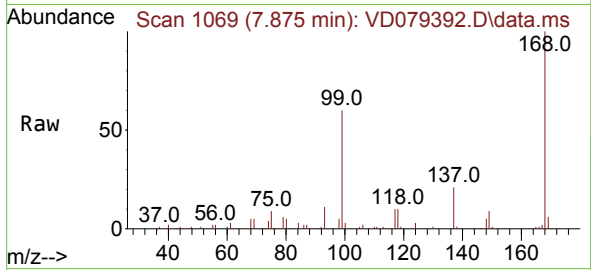
Quant Time: Jul 23 10:17:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072224S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 23 09:57:54 2024
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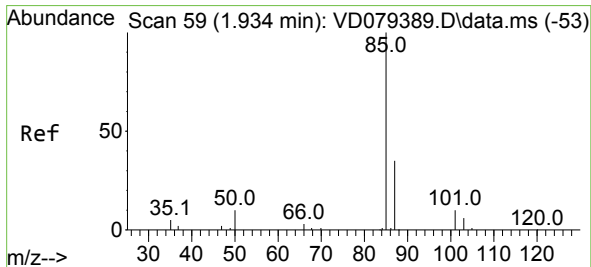
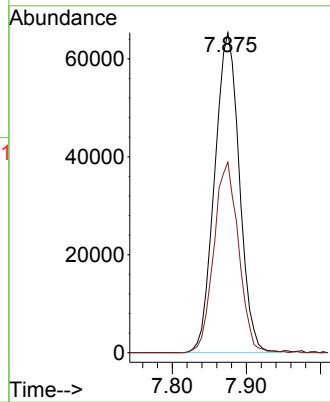
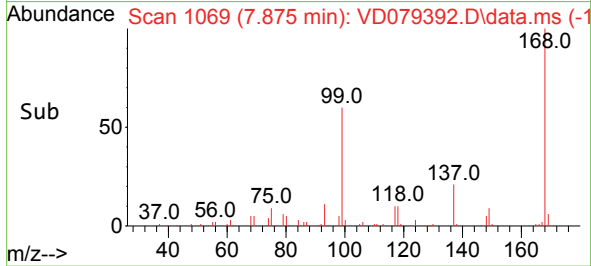


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

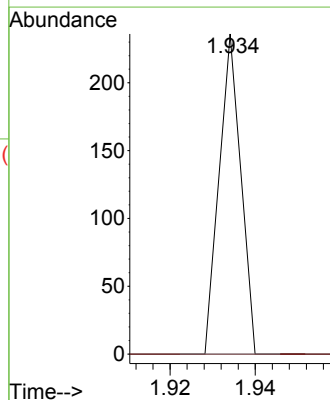
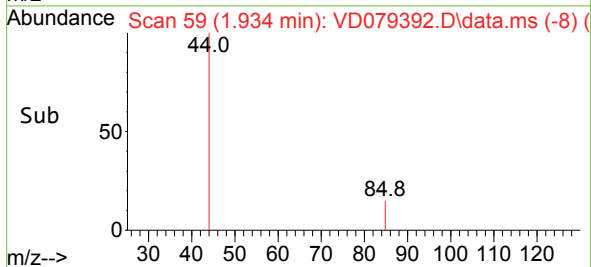
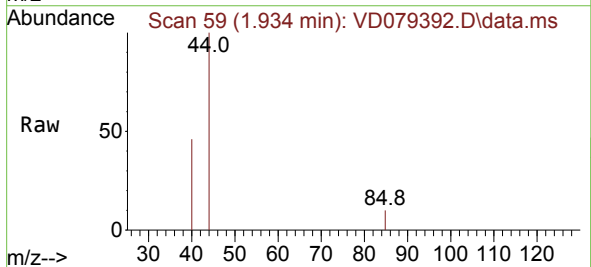


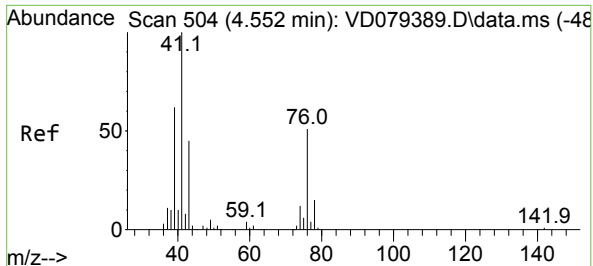
Tgt Ion:168 Resp: 151388
Ion Ratio Lower Upper
168 100
99 59.5 41.1 61.7



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

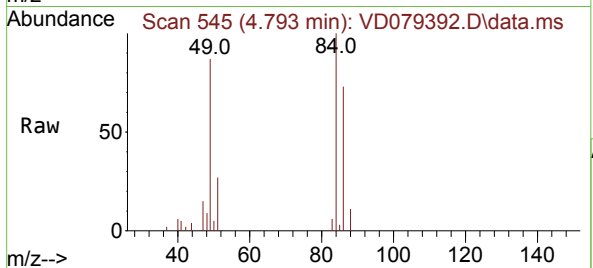
Tgt Ion: 85 Resp: 83
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



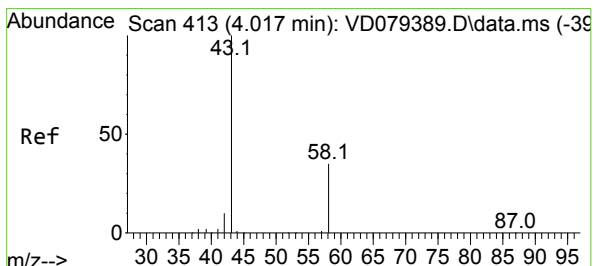
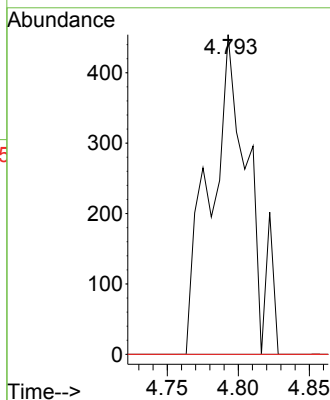
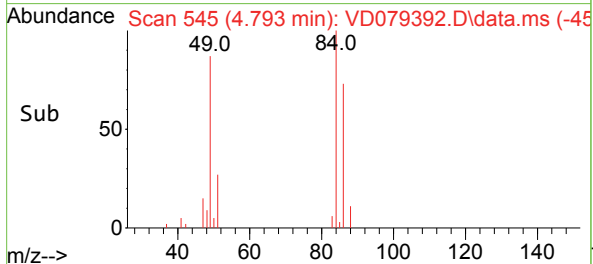


#14
Allyl chloride
Concen: 2.724 ug/l
RT: 4.793 min Scan# 54
Delta R.T. 0.241 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

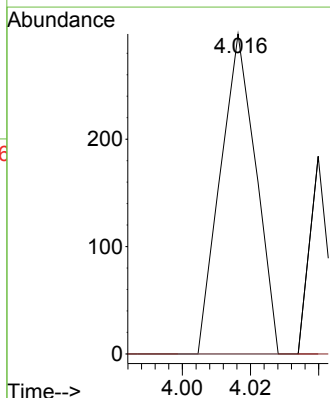
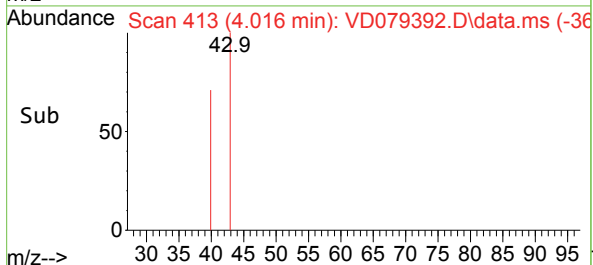
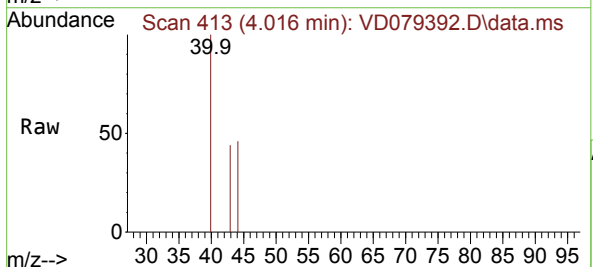


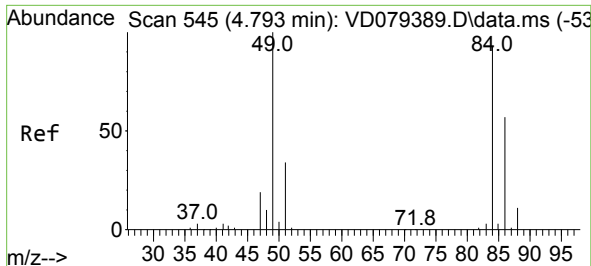
Tgt Ion: 41 Resp: 861
Ion Ratio Lower Upper
41 100
39 0.0 58.0 87.0#
76 0.0 45.9 68.9#



#16
Acetone
Concen: 15.173 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

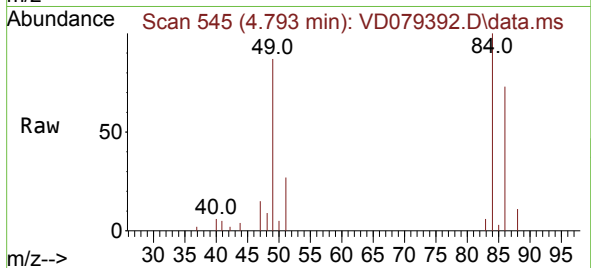
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



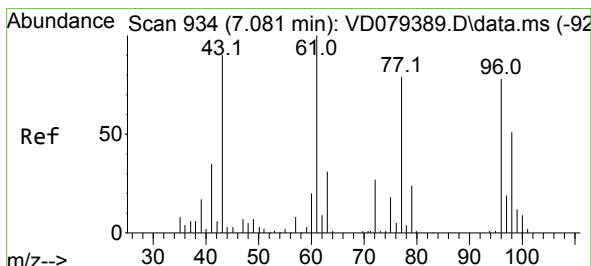
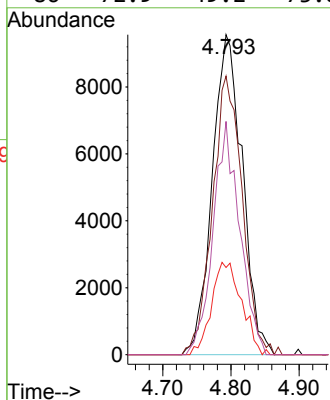
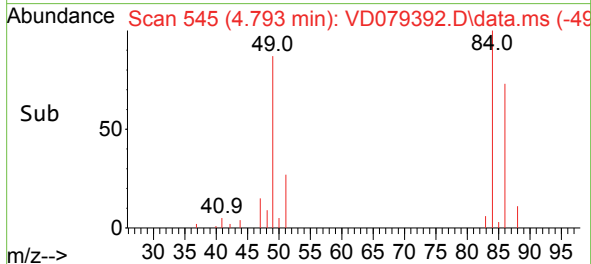


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

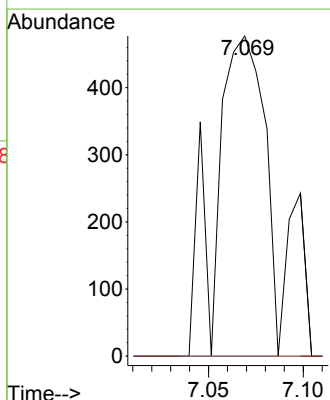
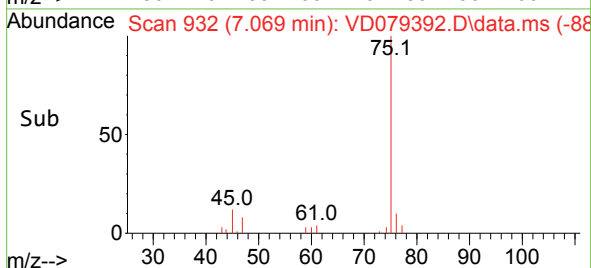
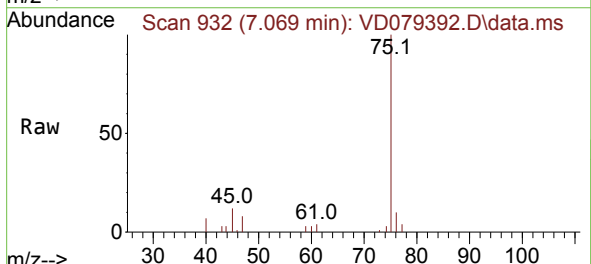


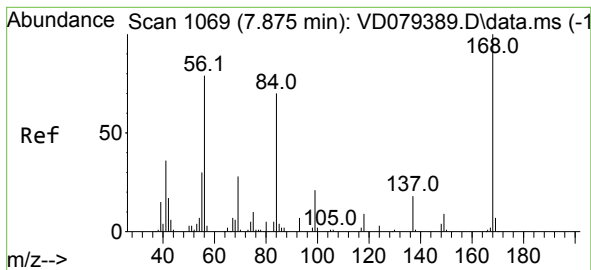
Tgt Ion: 84 Resp: 29325
Ion Ratio Lower Upper
84 100
49 87.1 75.6 113.4
51 27.2 24.2 36.2
86 72.9 49.2 73.8



#25
2-Butanone
Concen: 1.656 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#





#31

Cyclohexane

Concen: 1.277 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

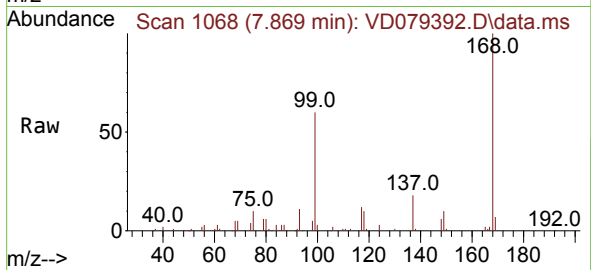
Lab File: VD079392.D

Acq: 22 Jul 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :



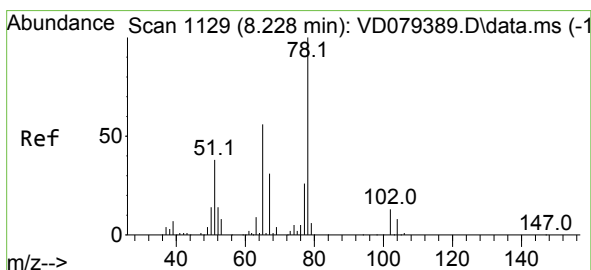
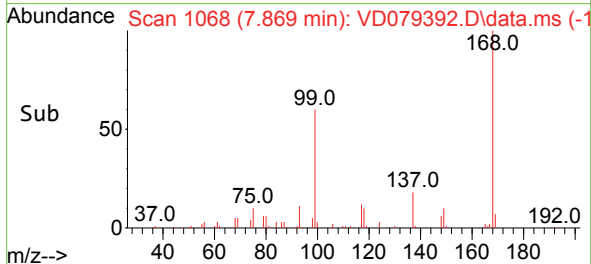
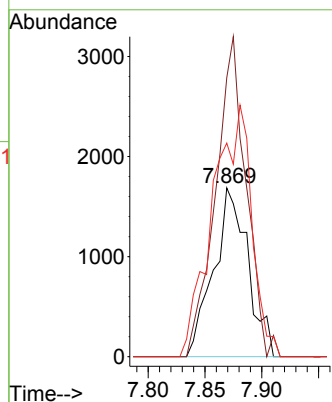
Tgt Ion: 56 Resp: 3529

Ion Ratio Lower Upper

56 100

69 165.2 28.0 42.0#

84 126.5 87.4 131.0



#33

1,2-Dichloroethane-d4

Concen: 57.339 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079392.D

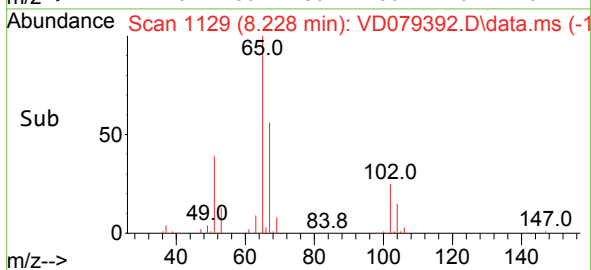
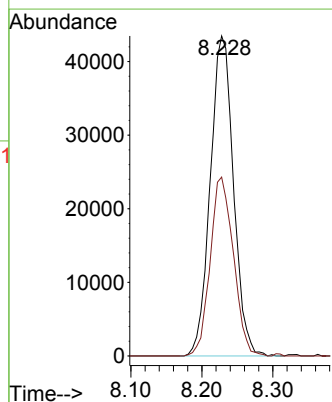
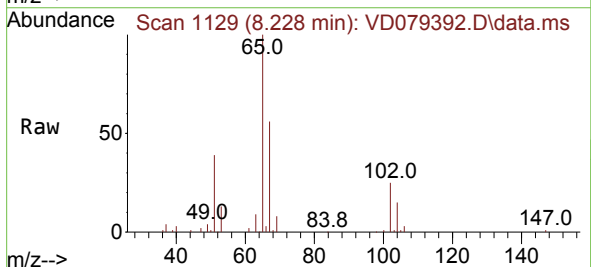
Acq: 22 Jul 2024 17:01

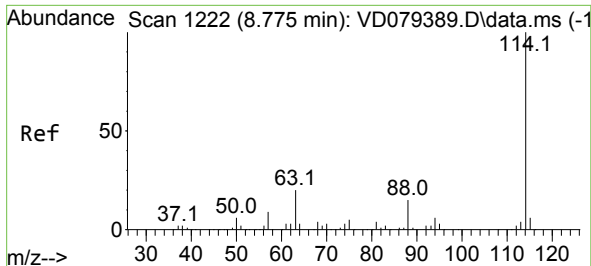
Tgt Ion: 65 Resp: 98624

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# 1

Delta R.T. -0.000 min

Lab File: VD079392.D

Acq: 22 Jul 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :

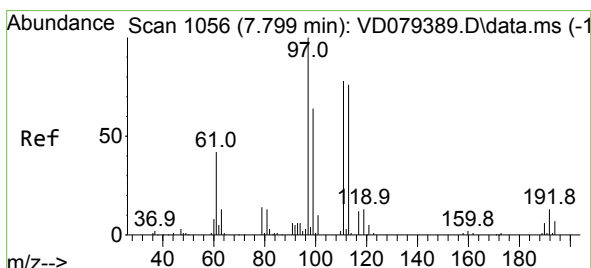
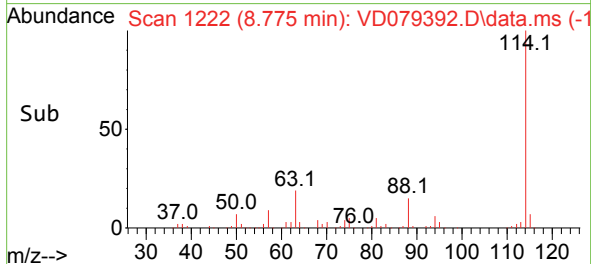
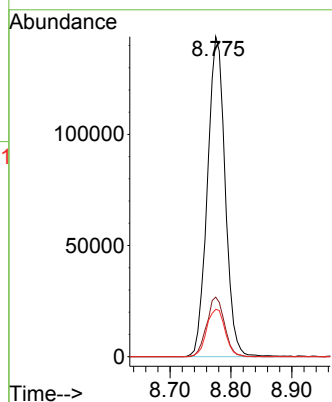
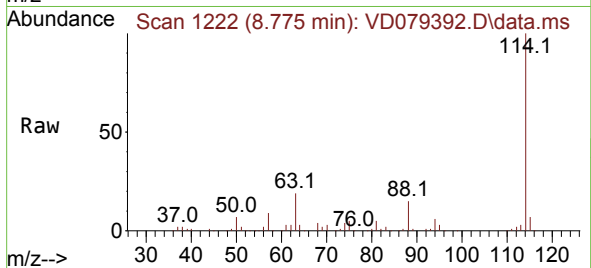
Tgt Ion:114 Resp: 291040

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.255 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD079392.D

Acq: 22 Jul 2024 17:01

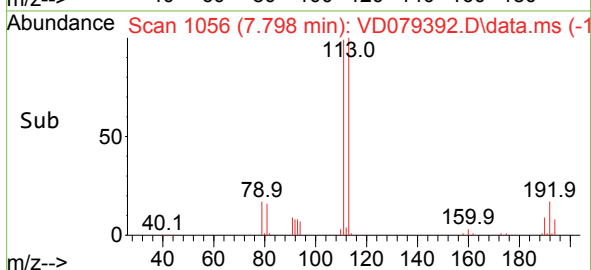
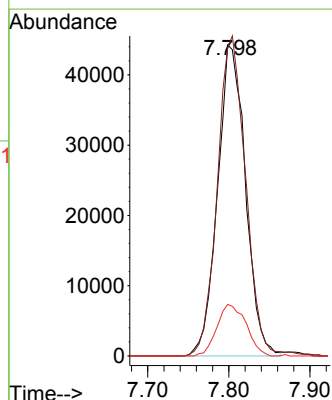
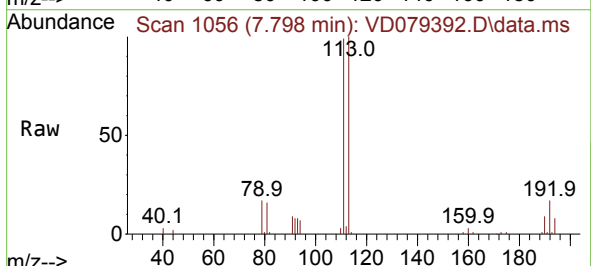
Tgt Ion:113 Resp: 105766

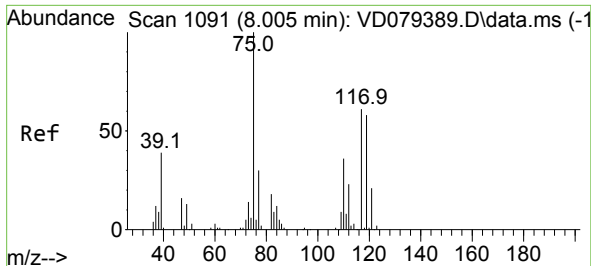
Ion Ratio Lower Upper

113 100

111 104.1 84.0 126.0

192 17.4 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.844 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

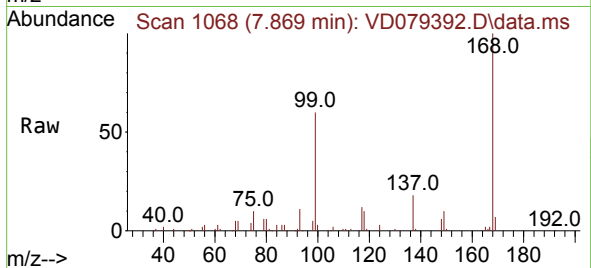
Lab File: VD079392.D

Acq: 22 Jul 2024 17:01

Instrument :

MSVOA_D

ClientSampleId :



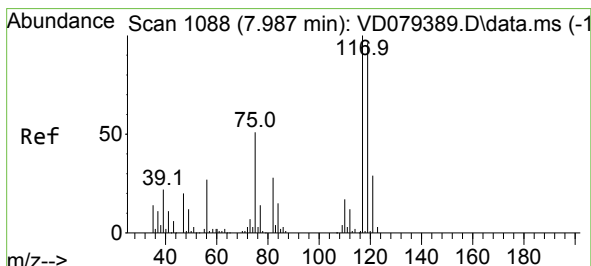
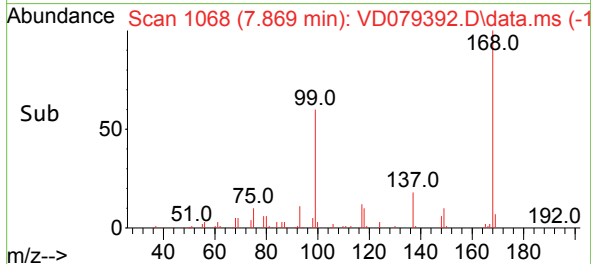
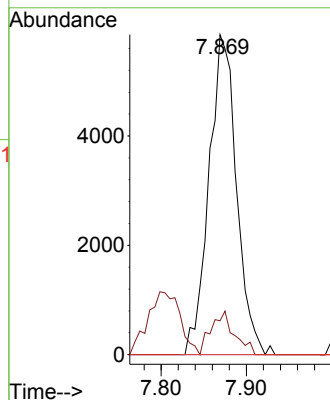
Tgt Ion: 75 Resp: 13171

Ion Ratio Lower Upper

75 100

110 11.4 19.6 58.7#

77 0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.801 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD079392.D

Acq: 22 Jul 2024 17:01

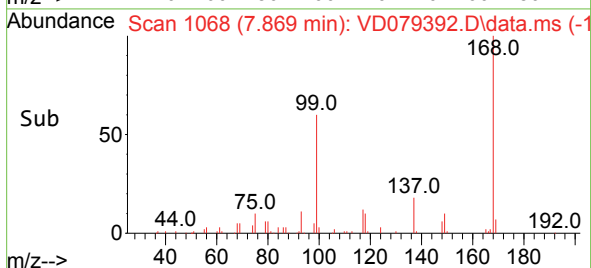
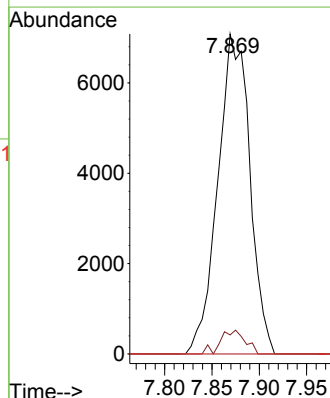
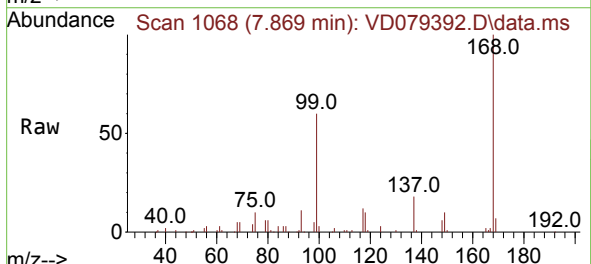
Tgt Ion:117 Resp: 16642

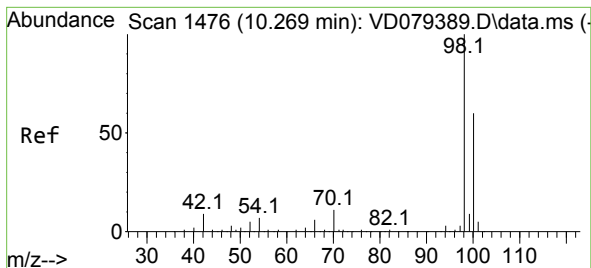
Ion Ratio Lower Upper

117 100

119 5.9 75.4 113.0#

121 0.0 25.0 37.4#

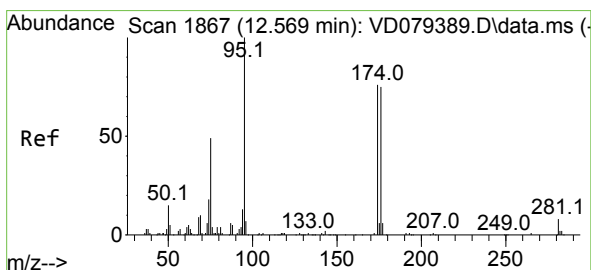
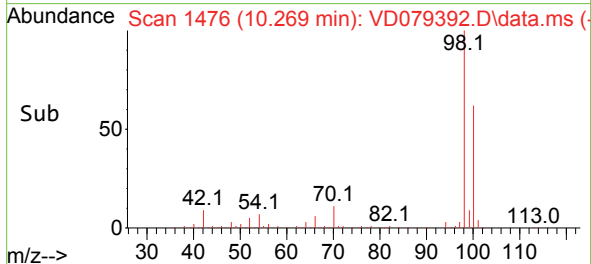
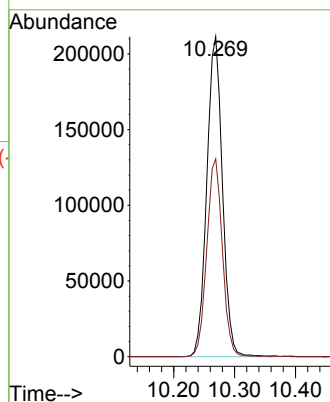
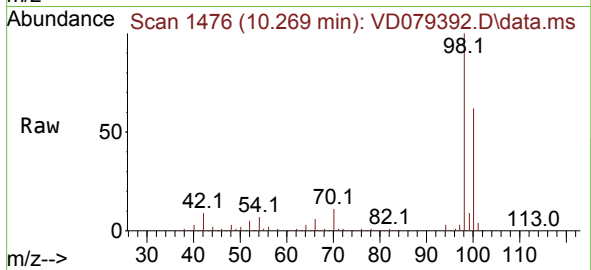




#50
Toluene-d8
Concen: 49.283 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

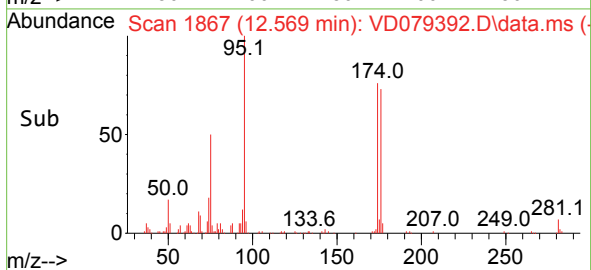
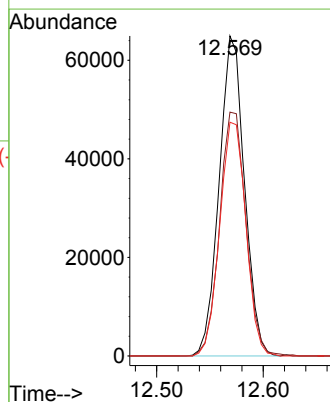
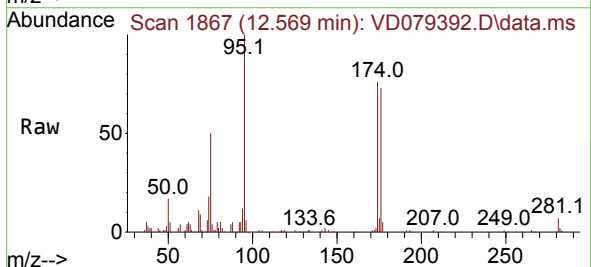
Instrument :
MSVOA_D
ClientSampleId :

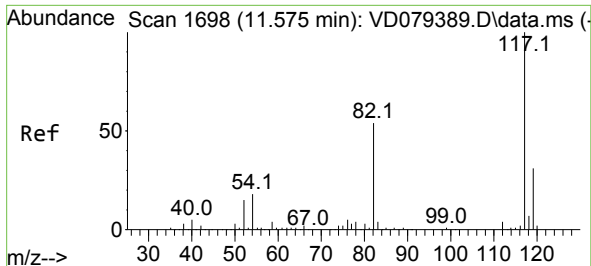
Tgt Ion: 98 Resp: 377335
Ion Ratio Lower Upper
98 100
100 61.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.704 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

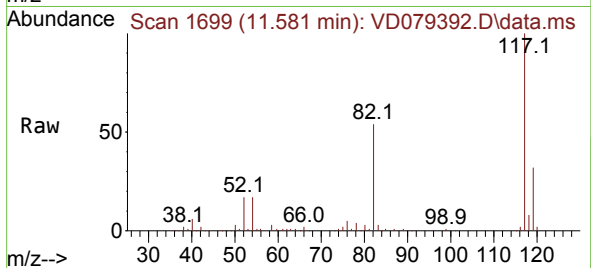
Tgt Ion: 95 Resp: 107024
Ion Ratio Lower Upper
95 100
174 79.4 0.0 195.4
176 75.5 0.0 192.6



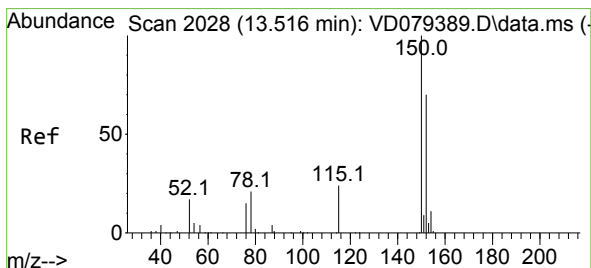
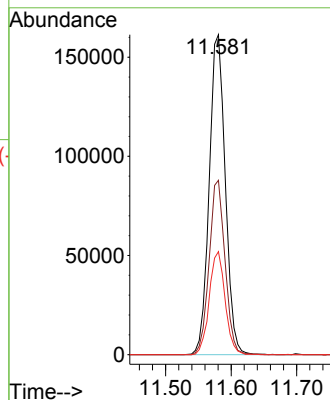
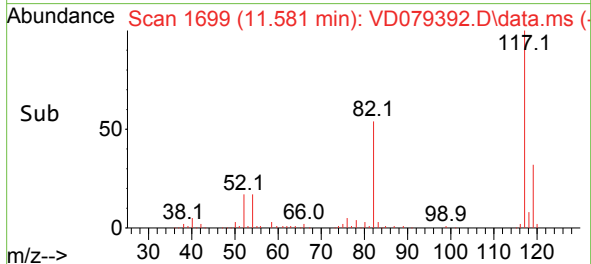


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

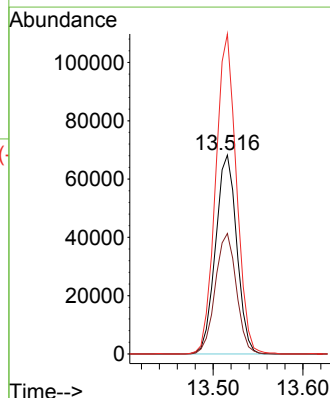
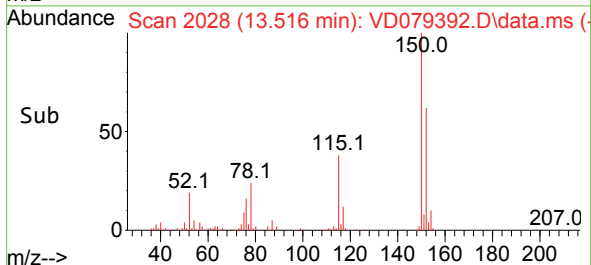
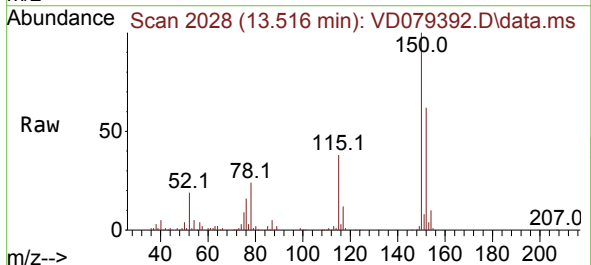


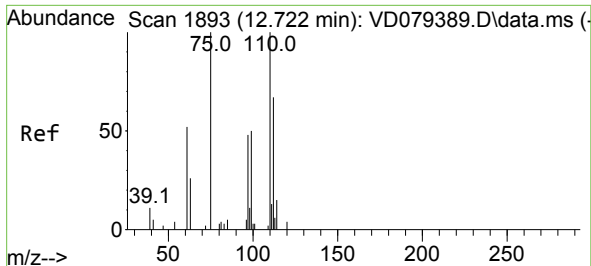
Tgt Ion:117 Resp: 275148
Ion Ratio Lower Upper
117 100
82 54.5 39.8 59.6
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

Tgt Ion:152 Resp: 111906
Ion Ratio Lower Upper
152 100
115 60.4 26.5 79.5
150 157.5 0.0 341.6

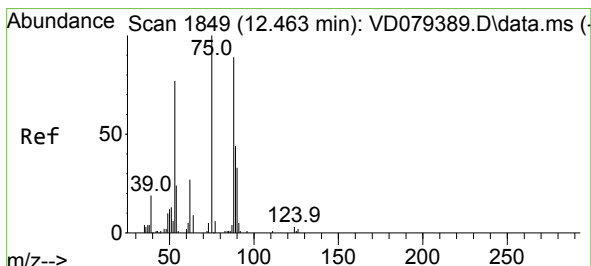
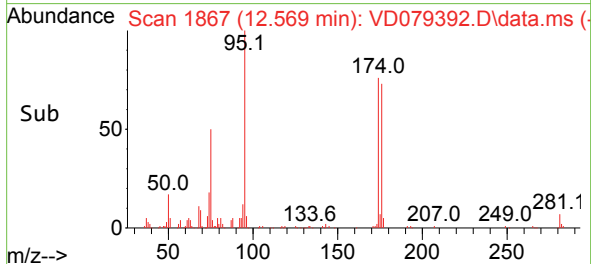
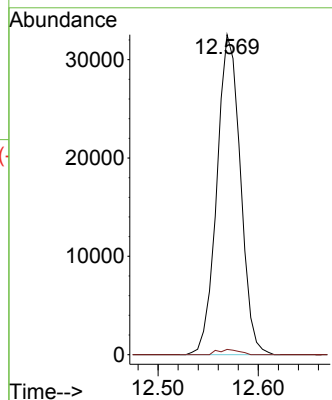
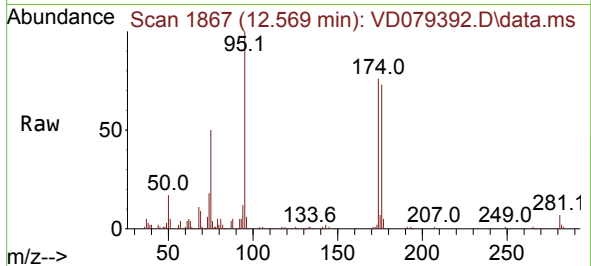




#76
1,2,3-Trichloropropane
Concen: 44.506 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 52995
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.191 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD079392.D
Acq: 22 Jul 2024 17:01

Tgt Ion: 75 Resp: 52995
Ion Ratio Lower Upper
75 100
53 0.1 61.4 92.2#
89 0.2 35.4 53.0#

