

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079722.D
 Acq On : 13 Aug 2024 17:32
 Operator : RP/MD
 Sample : P3474-09
 Misc : 7.84G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 05:53:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

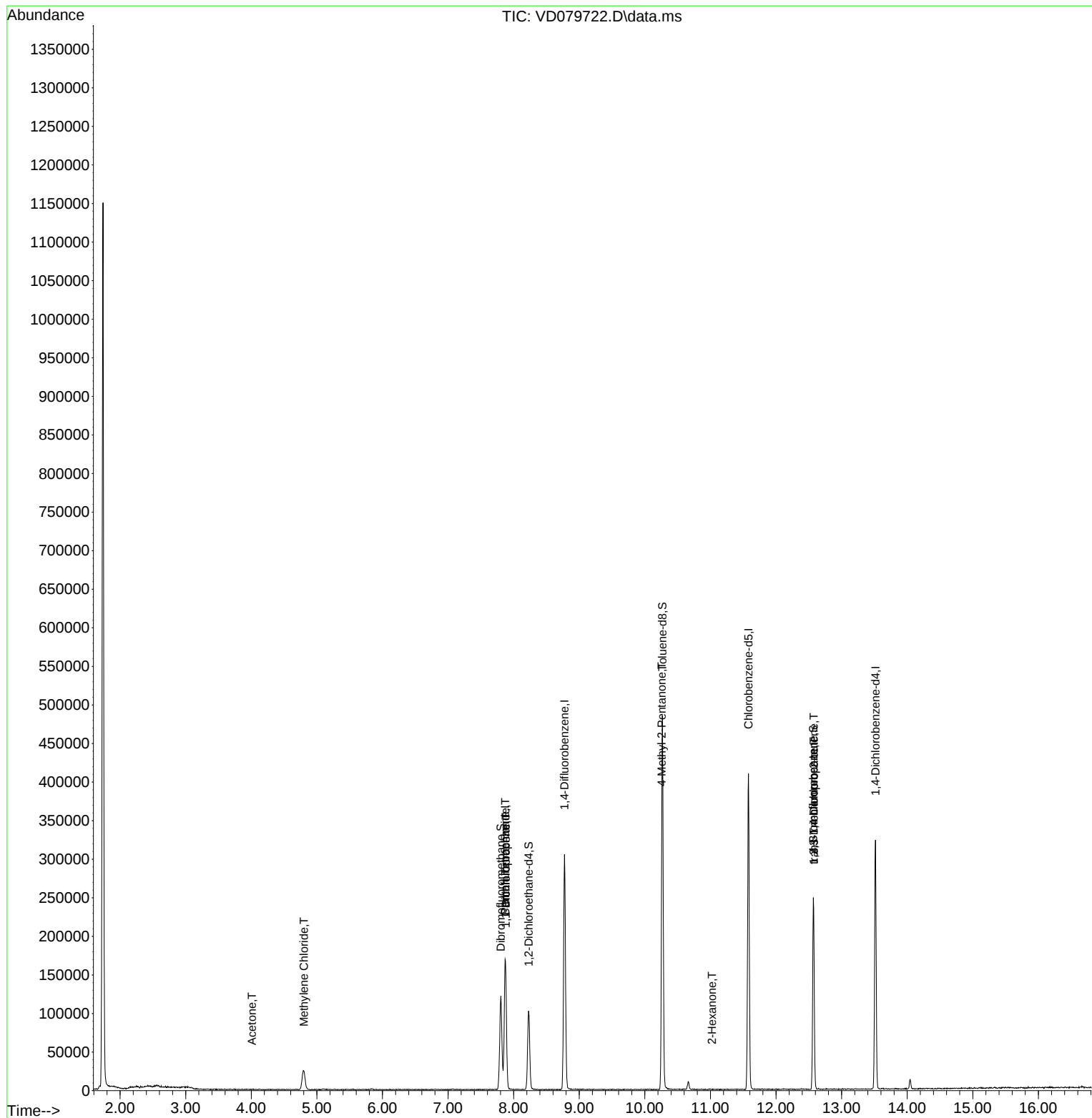
Internal Standards						
1) Pentafluorobenzene	7.869	168	130299	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	268898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	234521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	86396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81211	54.175	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.804	113	86657	52.275	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.560%	
50) Toluene-d8	10.269	98	342216	49.393	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.569	95	75552	38.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.900%	
Target Compounds						
					Qvalue	
16) Acetone	4.011	43	102	16.287	ug/l #	37
20) Methylene Chloride	4.805	84	19416	4.131	ug/l	86
36) 1,1-Dichloropropene	7.881	75	10865	4.228	ug/l #	47
38) Carbon Tetrachloride	7.875	117	13881	5.322	ug/l #	18
51) 4-Methyl-2-Pentanone	10.257	43	1226	1.175	ug/l #	1
59) 2-Hexanone	11.022	43	78	8.043	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	38088	54.078	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	38088	92.156	ug/l #	19

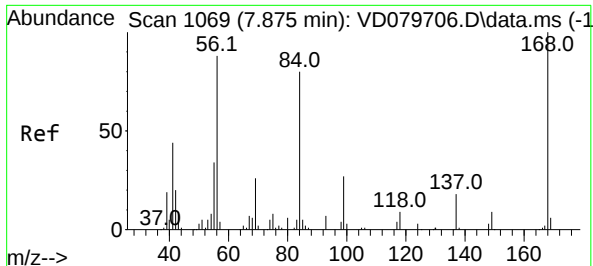
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
Data File : VD079722.D
Acq On : 13 Aug 2024 17:32
Operator : RP/MD
Sample : P3474-09
Misc : 7.84G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 14 05:53:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 13 01:06:11 2024
Response via : Initial Calibration

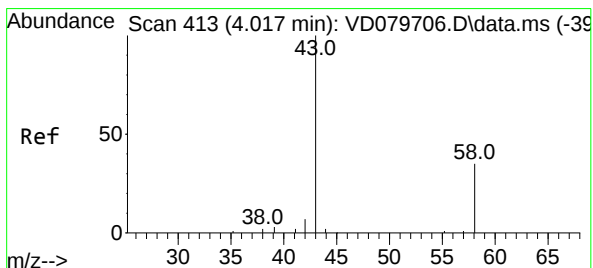
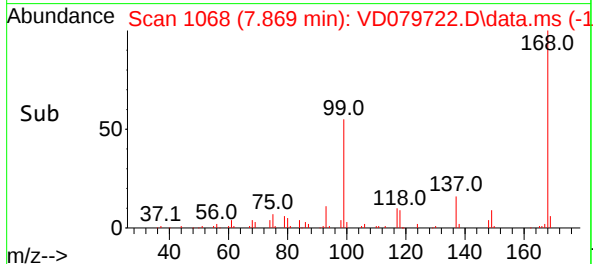
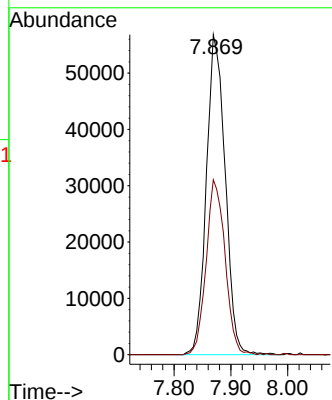
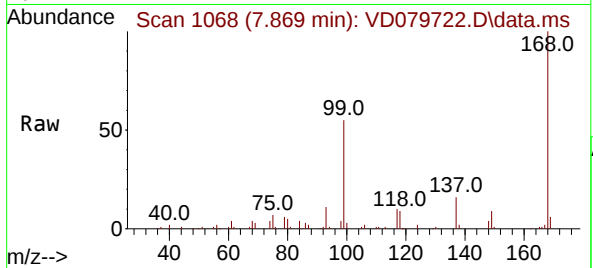




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

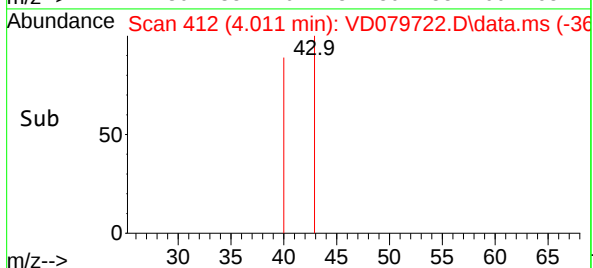
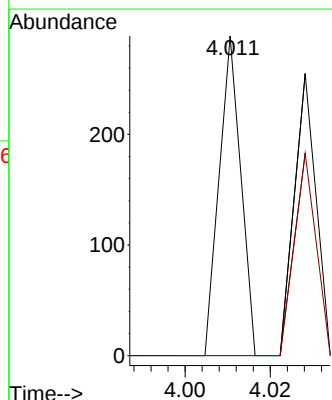
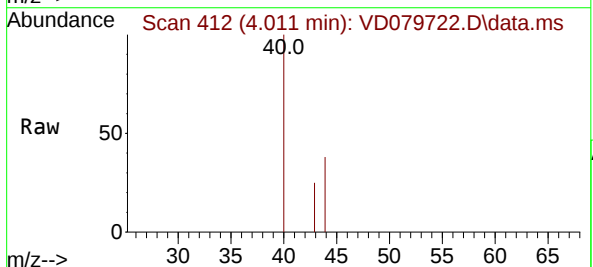
Instrument :
MSVOA_D
ClientSampleId :

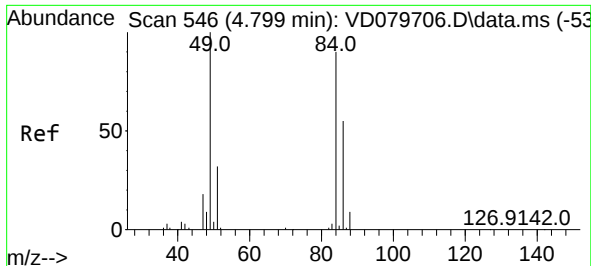
Tgt Ion:168 Resp: 130299
Ion Ratio Lower Upper
168 100
99 54.7 41.1 61.7



#16
Acetone
Concen: 16.287 ug/l
RT: 4.011 min Scan# 412
Delta R.T. -0.006 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

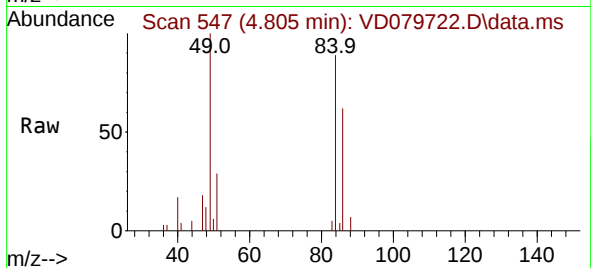
Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



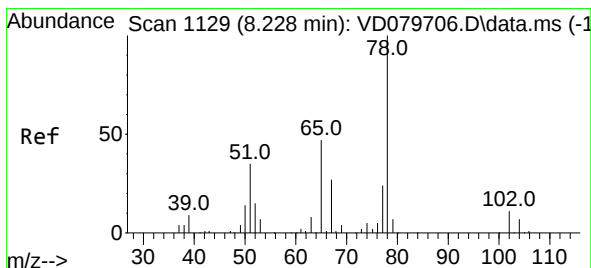
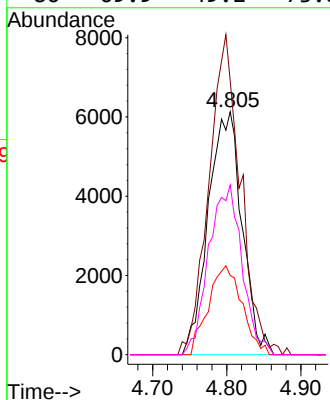
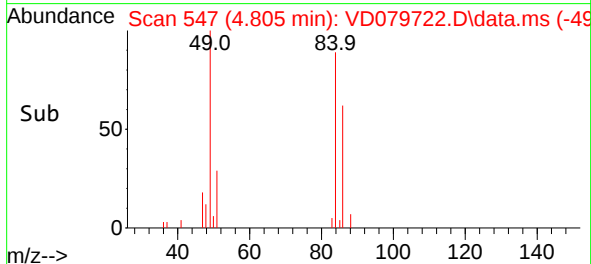


#20
Methylene Chloride
Concen: 4.131 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

Instrument :
MSVOA_D
ClientSampleId :

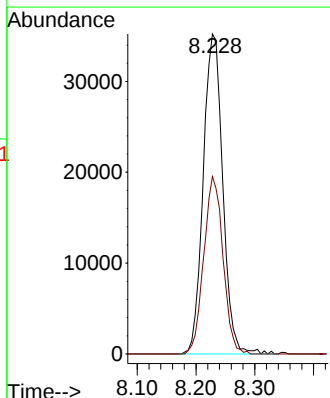
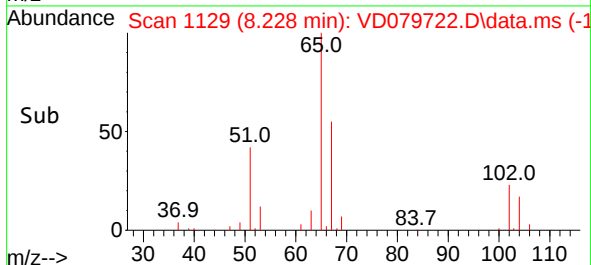
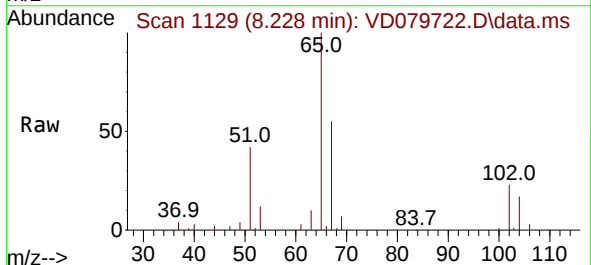


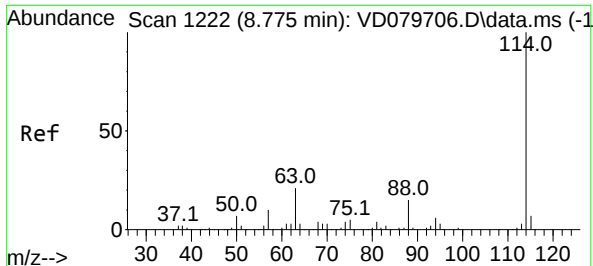
Tgt Ion:	84	Resp:	19416
Ion	Ratio	Lower	Upper
84	100		
49	112.8	75.6	113.4
51	32.6	24.2	36.2
86	69.9	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 54.175 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

Tgt Ion:	65	Resp:	81211
Ion	Ratio	Lower	Upper
65	100		
67	54.6	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: VD079722.D

Acq: 13 Aug 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

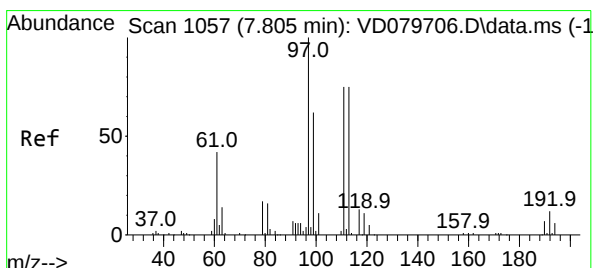
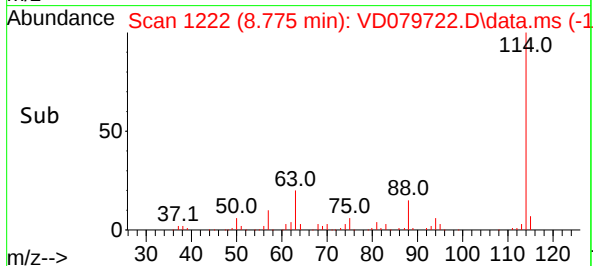
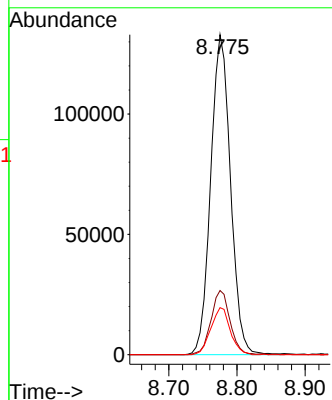
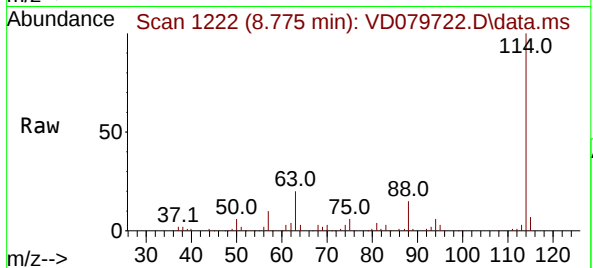
Tgt Ion:114 Resp: 268898

Ion Ratio Lower Upper

114 100

63 20.0 0.0 34.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.275 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079722.D

Acq: 13 Aug 2024 17:32

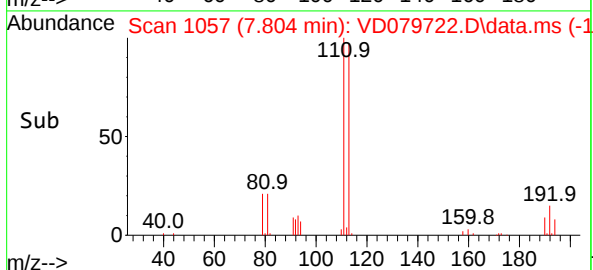
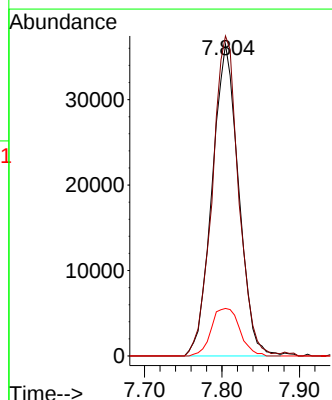
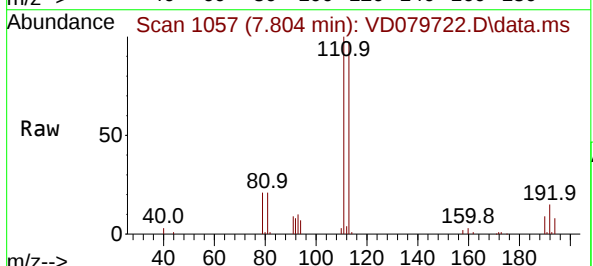
Tgt Ion:113 Resp: 86657

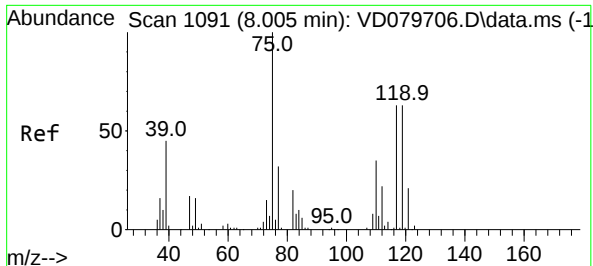
Ion Ratio Lower Upper

113 100

111 102.1 84.0 126.0

192 16.4 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.228 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.124 min

Lab File: VD079722.D

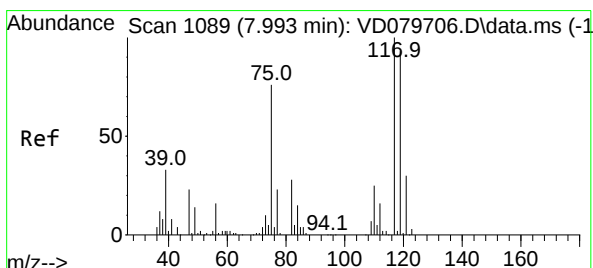
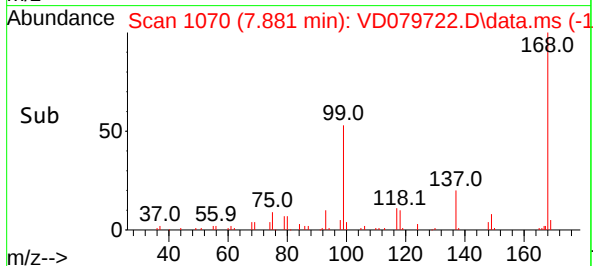
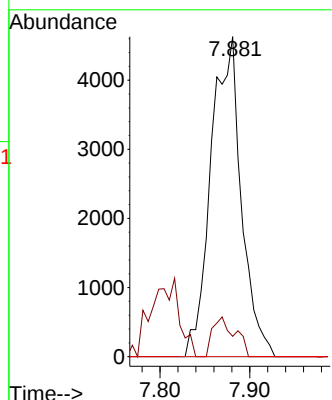
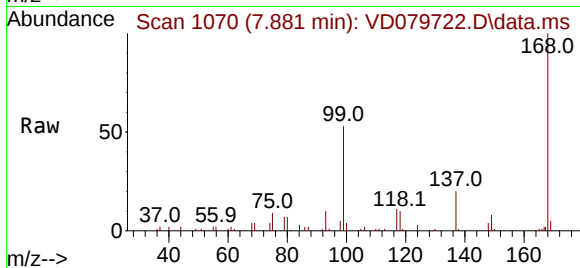
Acq: 13 Aug 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 10865
Ion Ratio	Lower Upper
75	100
110	9.1 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.322 ug/l

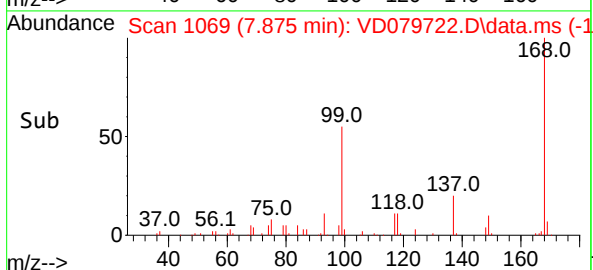
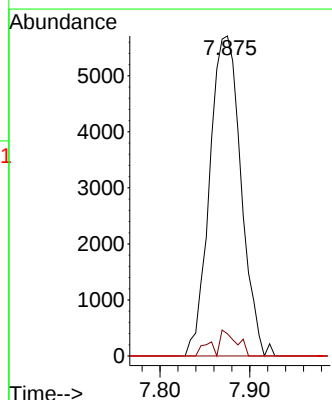
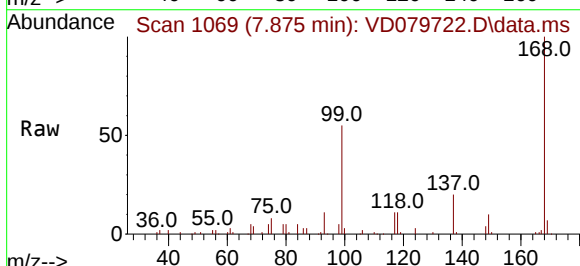
RT: 7.875 min Scan# 1069

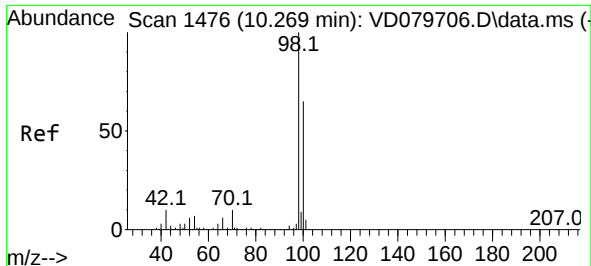
Delta R.T. -0.118 min

Lab File: VD079722.D

Acq: 13 Aug 2024 17:32

Tgt Ion: 117	Resp: 13881
Ion Ratio	Lower Upper
117	100
119	7.0 75.4 113.0#
121	0.0 25.0 37.4#

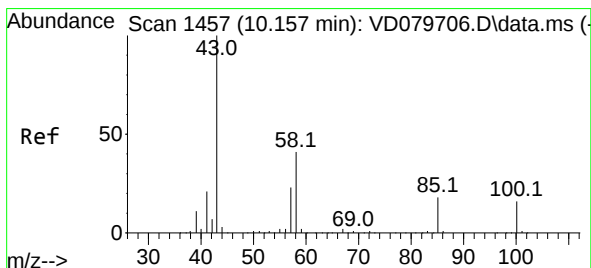
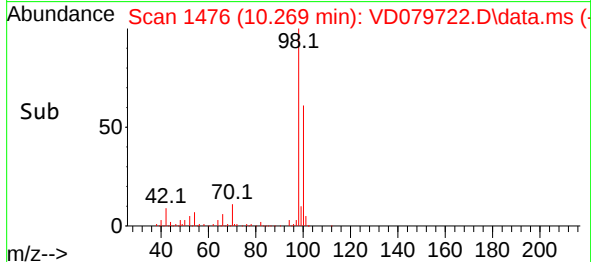
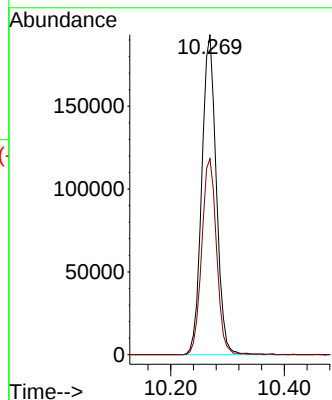
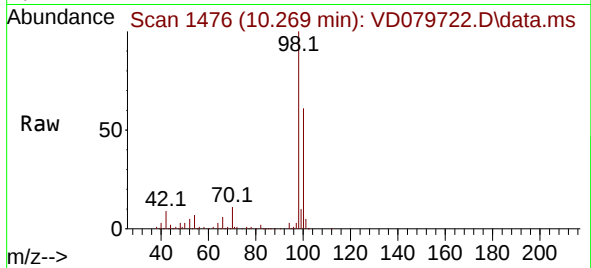




#50
Toluene-d8
Concen: 49.393 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

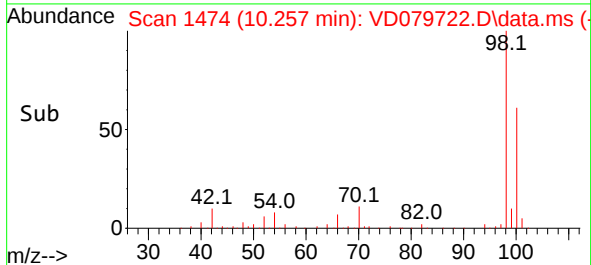
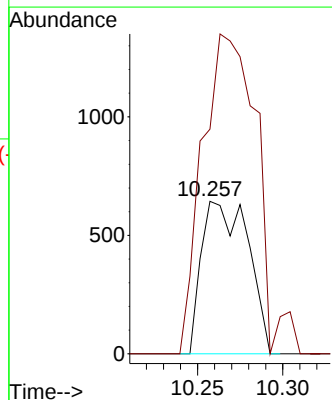
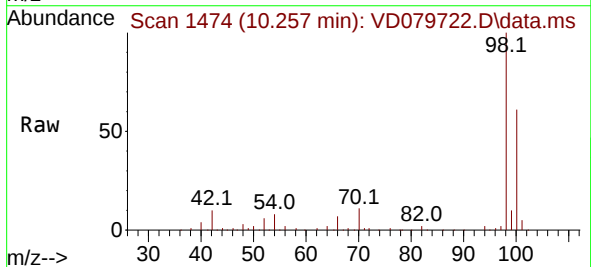
Instrument :
MSVOA_D
ClientSampleId :

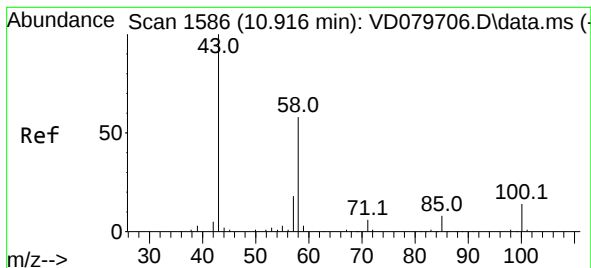
Tgt Ion: 98 Resp: 342216
Ion Ratio Lower Upper
98 100
100 62.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 1.175 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

Tgt Ion: 43 Resp: 1226
Ion Ratio Lower Upper
43 100
58 244.5 36.6 55.0#

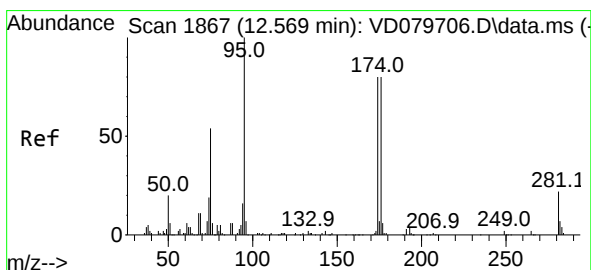
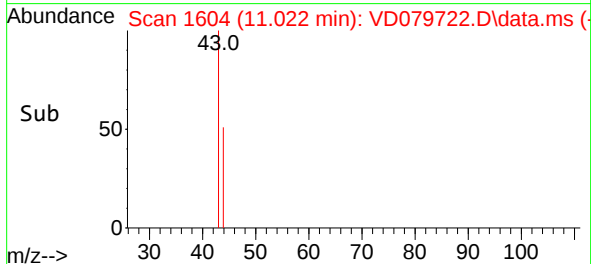
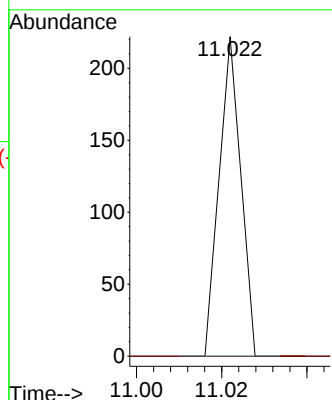
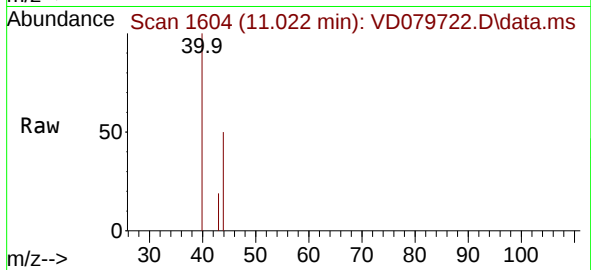




#59
2-Hexanone
Concen: 8.043 ug/l
RT: 11.022 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

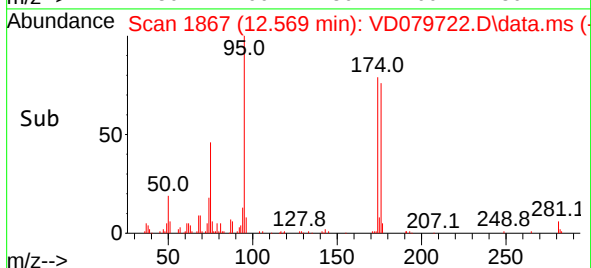
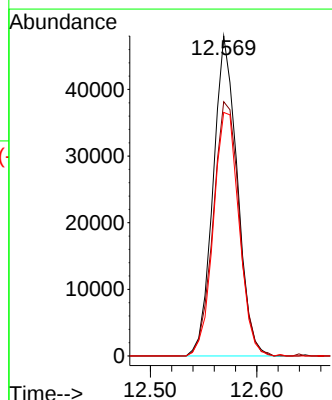
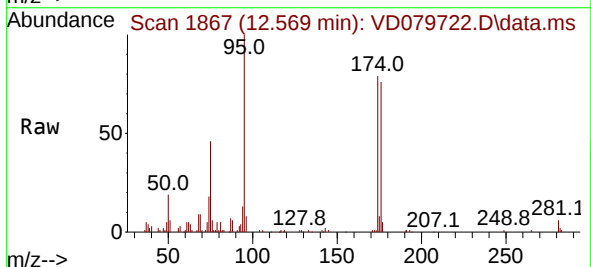
Instrument :
MSVOA_D
ClientSampleId :

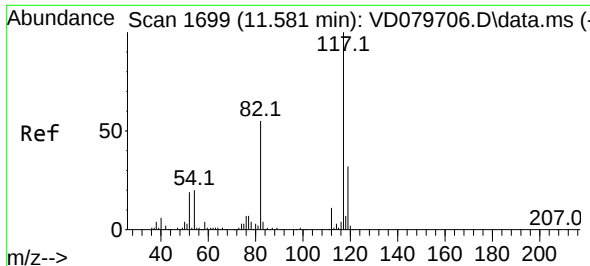
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 38.946 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

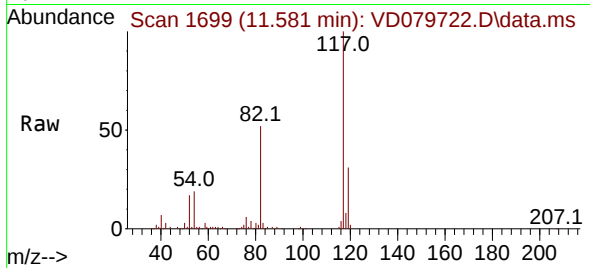
Tgt Ion: 95 Resp: 75552
Ion Ratio Lower Upper
95 100
174 85.8 0.0 195.4
176 80.8 0.0 192.6



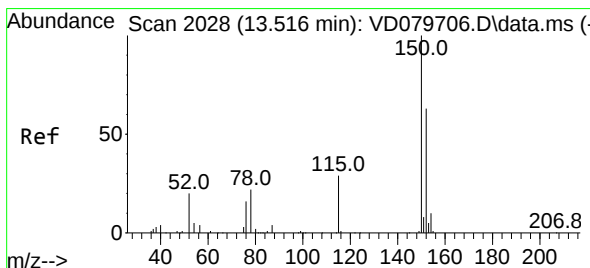
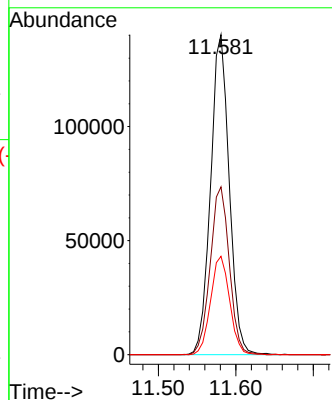
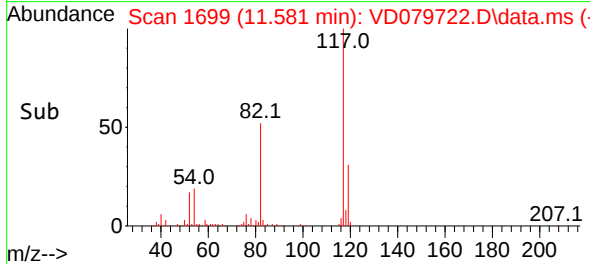


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

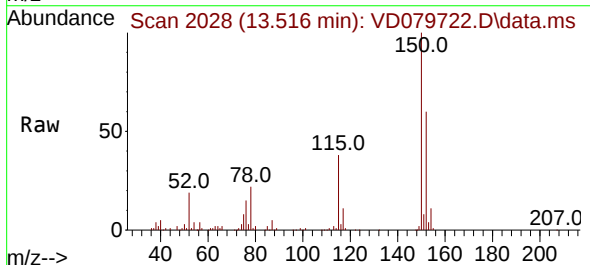
Instrument :
MSVOA_D
ClientSampleId :



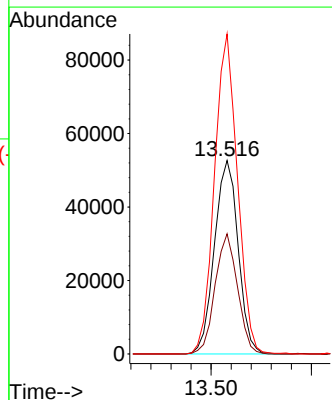
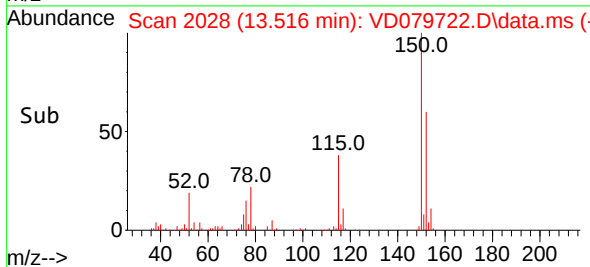
Tgt Ion:117 Resp: 234521
Ion Ratio Lower Upper
117 100
82 52.5 39.8 59.6
119 30.8 25.7 38.5

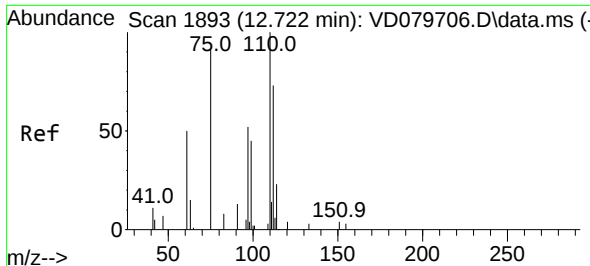


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32



Tgt Ion:152 Resp: 86396
Ion Ratio Lower Upper
152 100
115 58.6 26.5 79.5
150 160.4 0.0 341.6

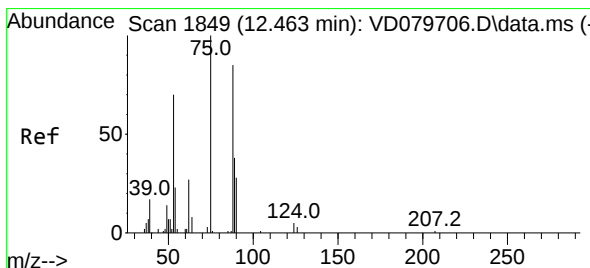
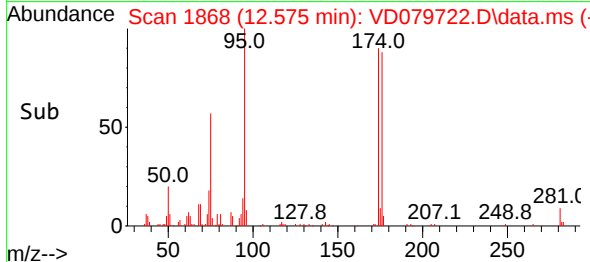
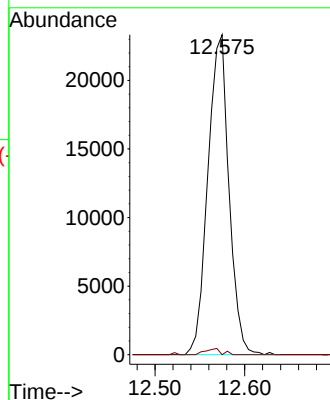
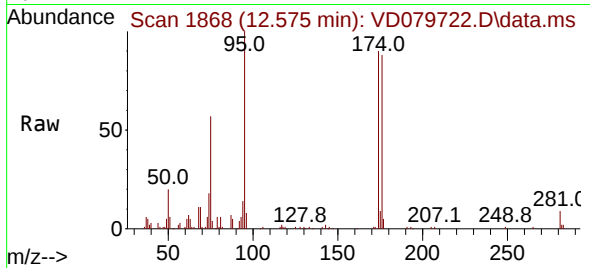




#76
1,2,3-Trichloropropane
Concen: 54.078 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 38088
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.156 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD079722.D
Acq: 13 Aug 2024 17:32

Tgt Ion: 75 Resp: 38088
Ion Ratio Lower Upper
75 100
53 0.2 61.4 92.2#
89 0.0 35.4 53.0#

