

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079516.D
 Acq On : 01 Aug 2024 02:14
 Operator : RP/MD
 Sample : P3374-14
 Misc : 6.82G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-847-G1-SO-10-10.5-072024

Quant Time: Aug 01 02:57:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

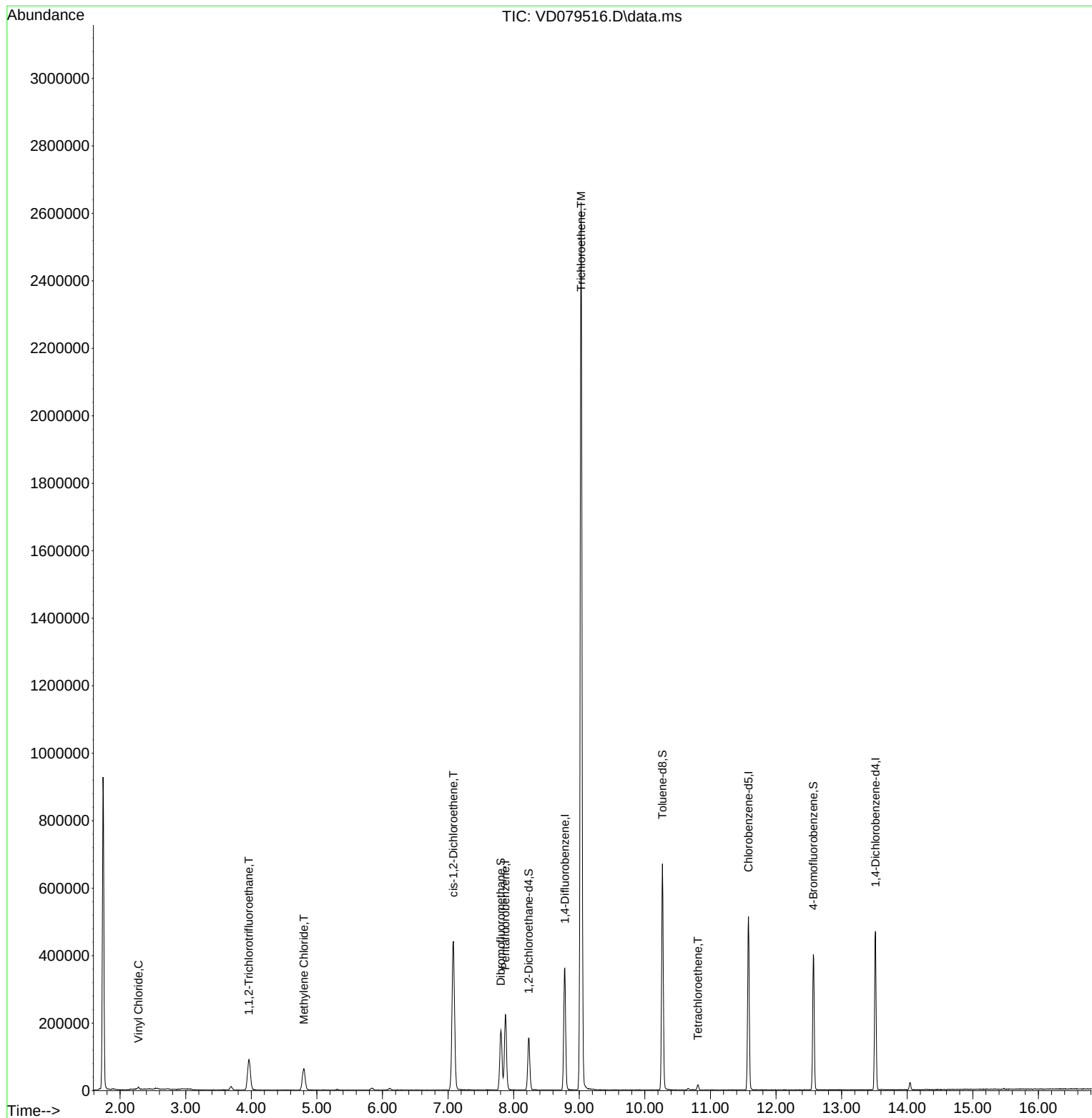
Internal Standards						
1) Pentafluorobenzene	7.875	168	179965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	337618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	117014	64.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.000%	
35) Dibromofluoromethane	7.804	113	132191	57.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.700%	
50) Toluene-d8	10.269	98	467347	52.664	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	12.569	95	119592	46.570	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.140%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.281	62	4707	1.524	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.963	101	61760	31.785	ug/l	99
20) Methylene Chloride	4.805	84	51557	6.045	ug/l #	88
27) cis-1,2-Dichloroethene	7.081	96	298723	119.640	ug/l	99
44) Trichloroethene	9.028	130	973429	394.732	ug/l	94
64) Tetrachloroethene	10.810	164	3991	1.896	ug/l #	70

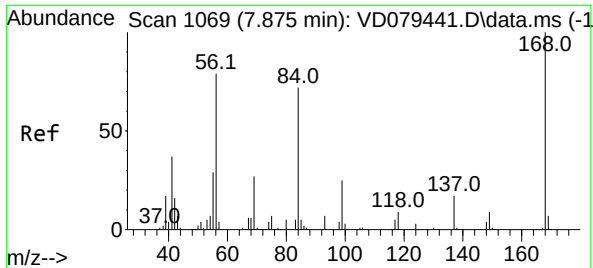
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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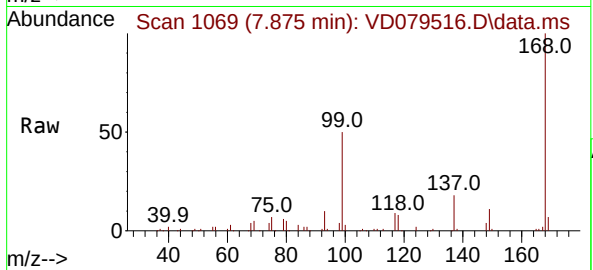
Quant Time: Aug 01 02:57:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



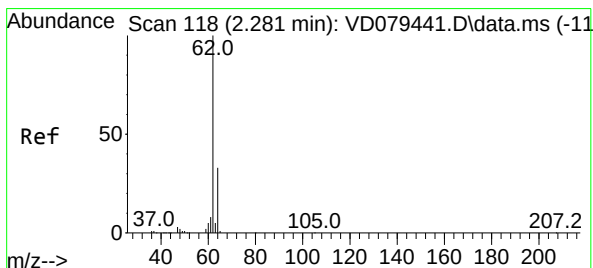
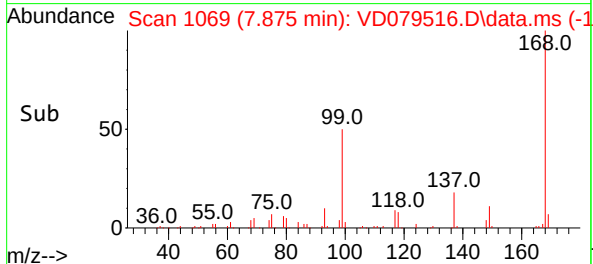
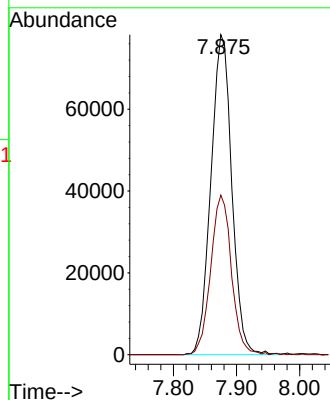


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

Instrument :
MSVOA_D
ClientSampleId :
S-847-G1-SO-10-10.5-072024

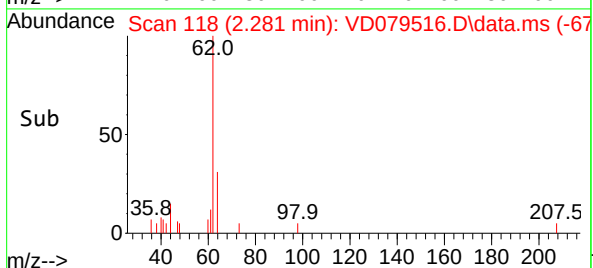
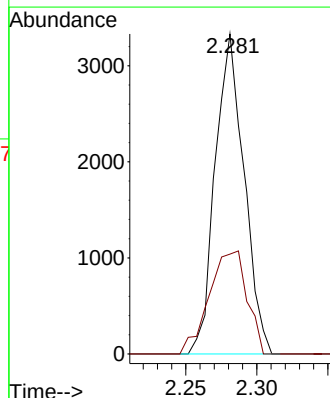
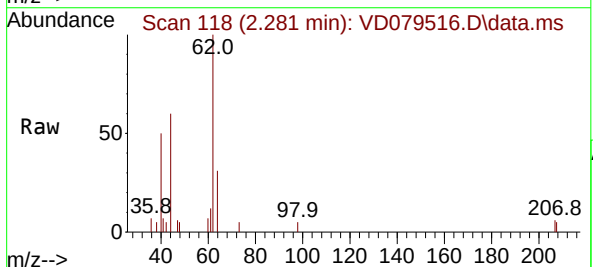


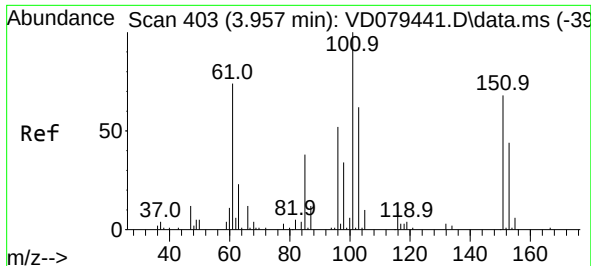
Tgt Ion:168 Resp: 179965
Ion Ratio Lower Upper
168 100
99 49.9 41.1 61.7



#4
Vinyl Chloride
Concen: 1.524 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

Tgt Ion: 62 Resp: 4707
Ion Ratio Lower Upper
62 100
64 31.2 26.3 39.5

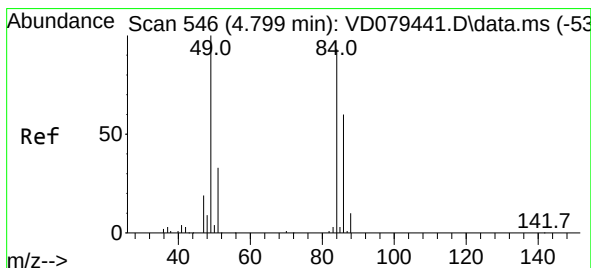
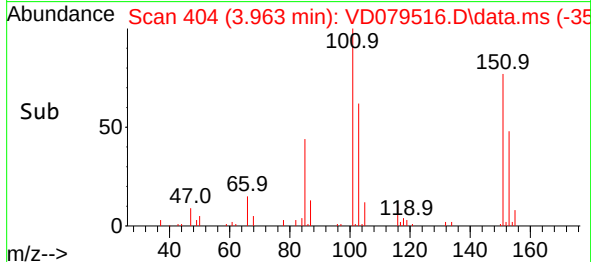
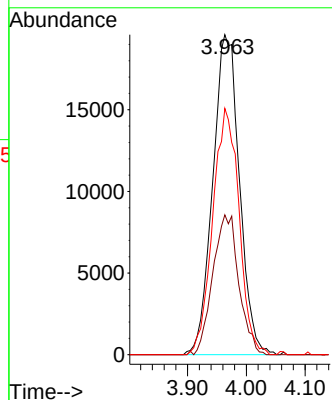
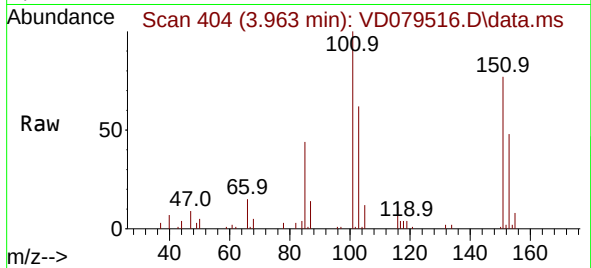




#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.785 ug/l
RT: 3.963 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

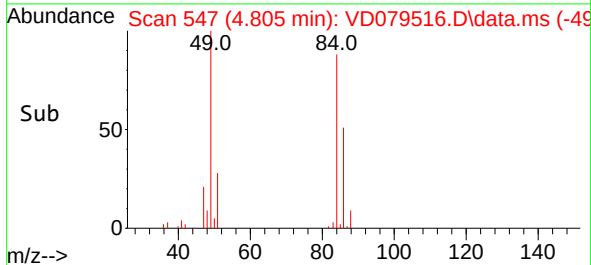
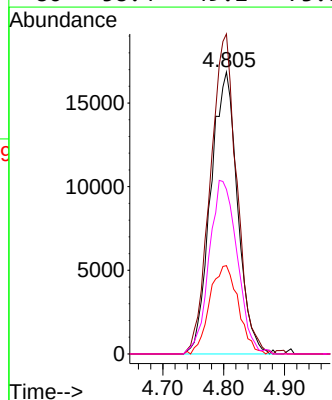
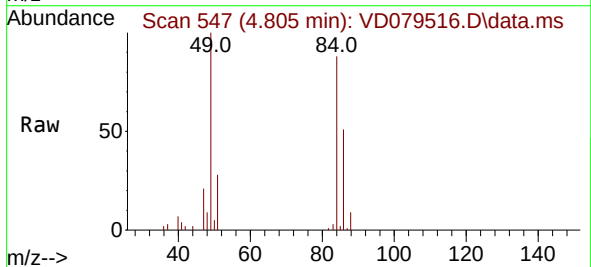
Instrument :
MSVOA_D
ClientSampleId :
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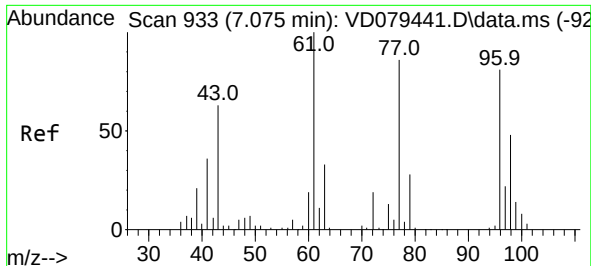
Tgt Ion:101 Resp: 61760
Ion Ratio Lower Upper
101 100
85 42.7 33.5 50.3
151 75.7 60.3 90.5



#20
Methylene Chloride
Concen: 6.045 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

Tgt Ion: 84 Resp: 51557
Ion Ratio Lower Upper
84 100
49 113.5 75.6 113.4#
51 31.4 24.2 36.2
86 58.4 49.2 73.8

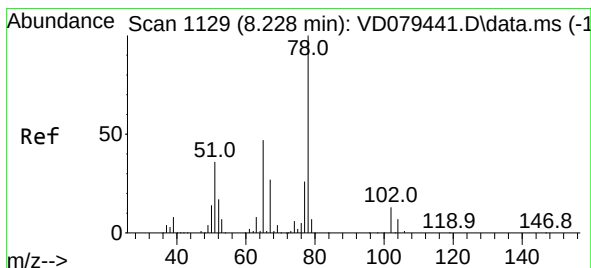
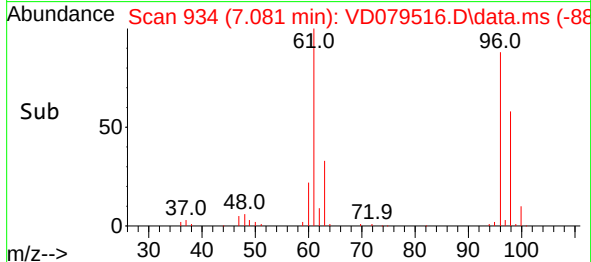
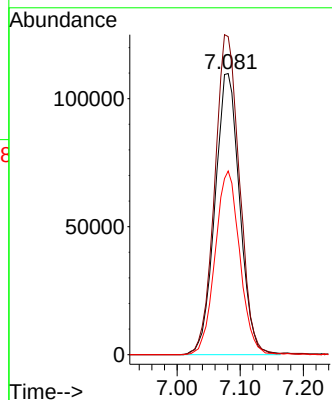
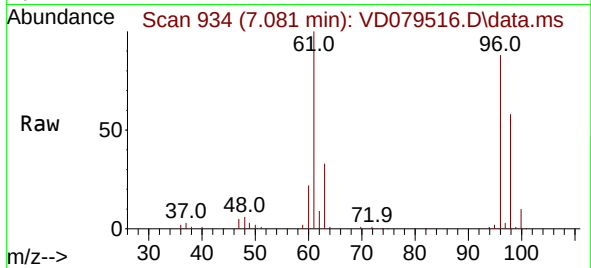




#27
cis-1,2-Dichloroethene
Concen: 119.640 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

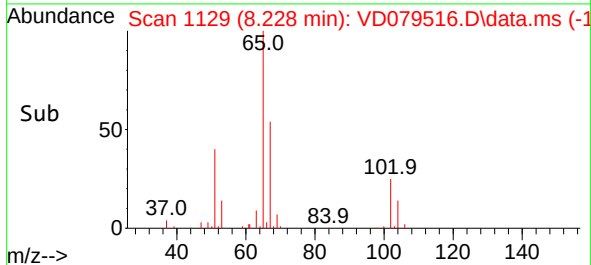
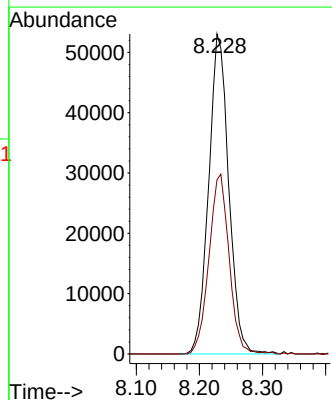
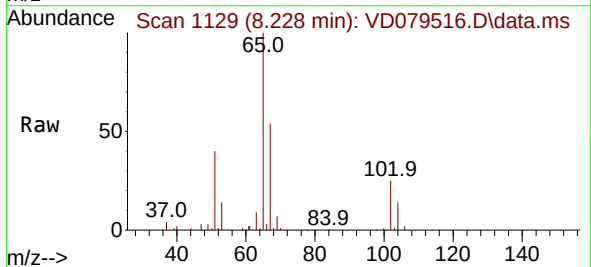
Instrument :
MSVOA_D
ClientSampleId :
S-847-G1-SO-10-10.5-072024

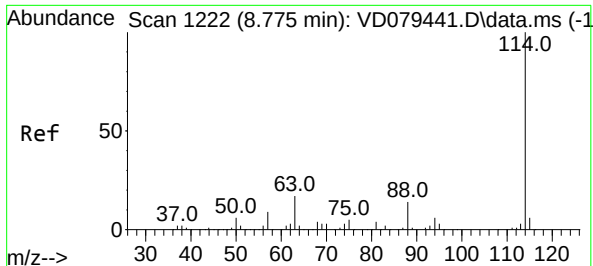
Tgt Ion: 96 Resp: 298723
Ion Ratio Lower Upper
96 100
61 113.9 0.0 229.0
98 65.3 0.0 127.2



#33
1,2-Dichloroethane-d4
Concen: 64.002 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

Tgt Ion: 65 Resp: 117014
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079516.D

Acq: 01 Aug 2024 02:14

Instrument :

MSVOA_D

ClientSampleId :

S-847-G1-SO-10-10.5-072024

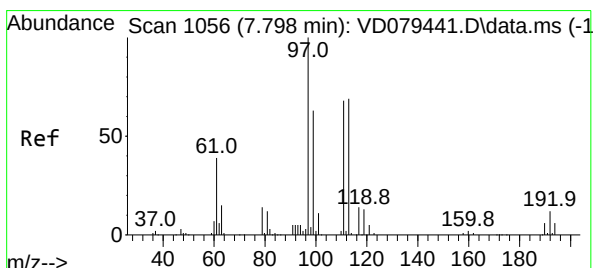
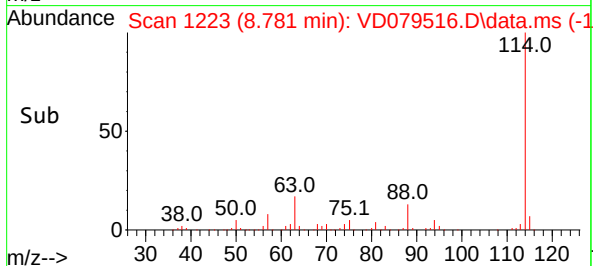
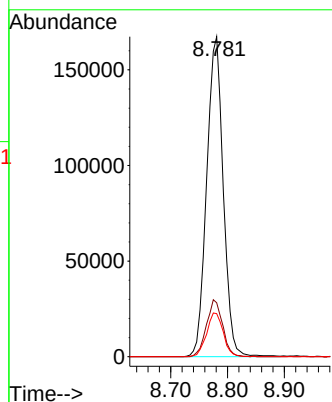
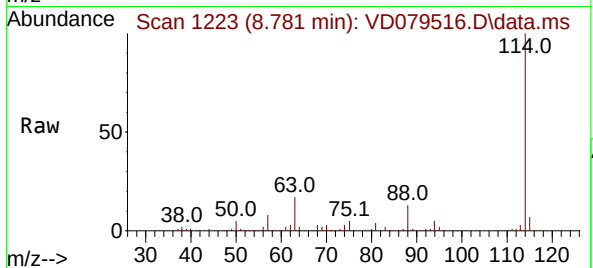
Tgt Ion:114 Resp: 337618

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.848 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079516.D

Acq: 01 Aug 2024 02:14

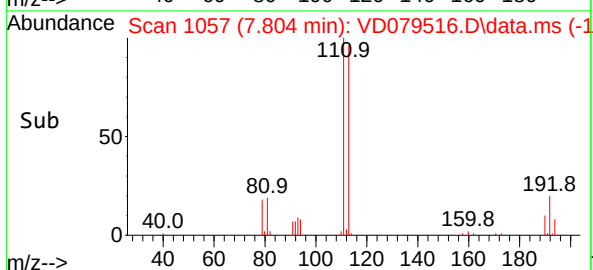
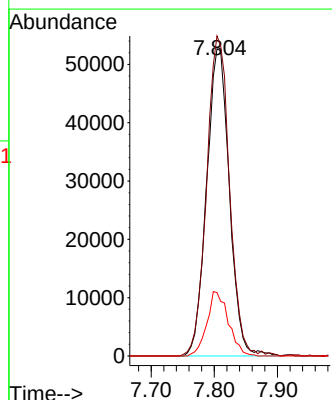
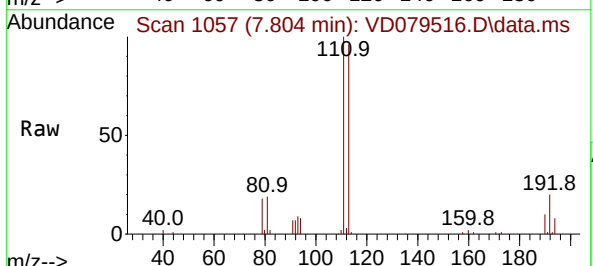
Tgt Ion:113 Resp: 132191

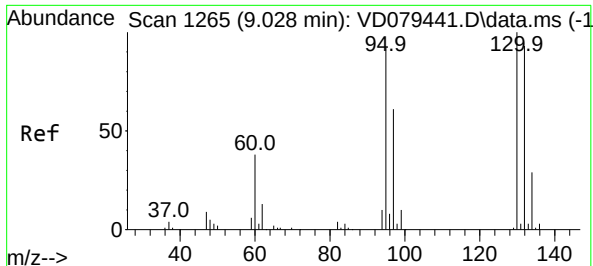
Ion Ratio Lower Upper

113 100

111 104.5 84.0 126.0

192 19.8 15.4 23.0

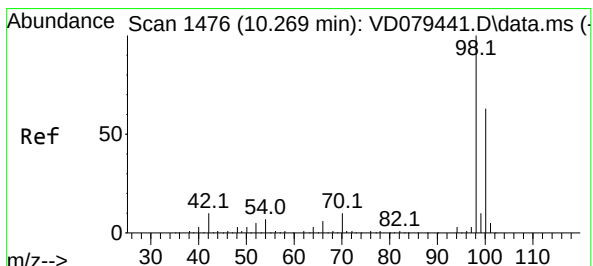
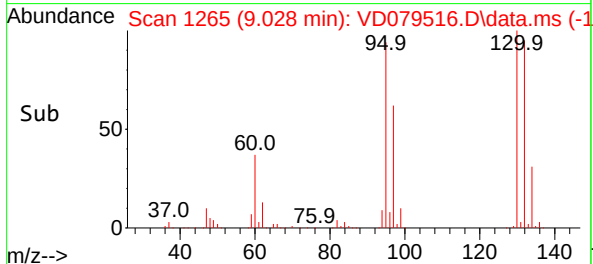
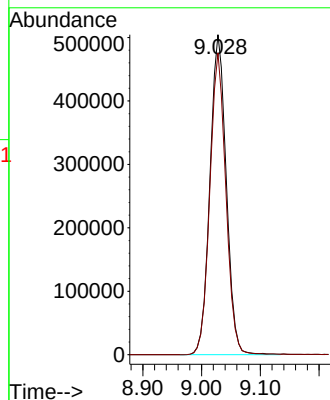
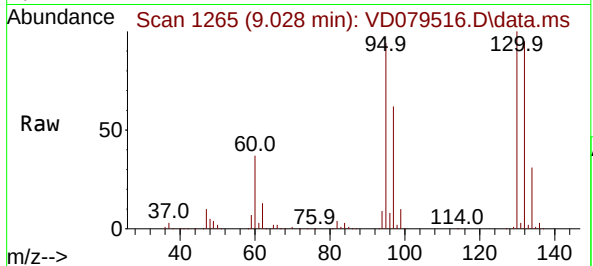




#44
Trichloroethene
Concen: 394.732 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

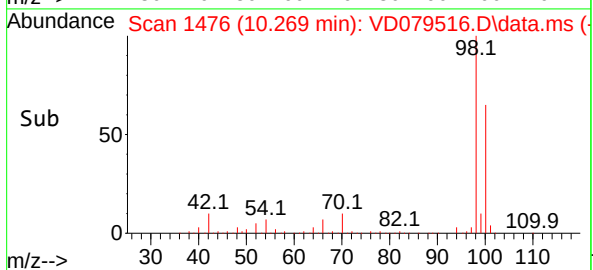
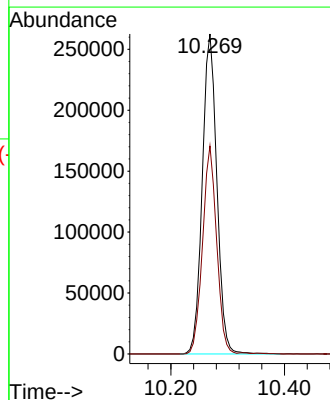
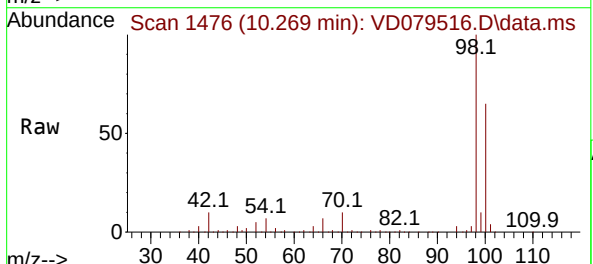
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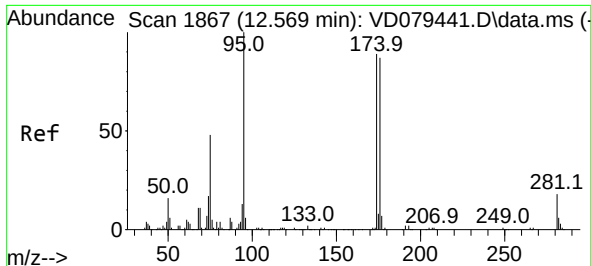
Tgt Ion:130 Resp: 973429
Ion Ratio Lower Upper
130 100
95 94.3 0.0 177.8



#50
Toluene-d8
Concen: 52.664 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

Tgt Ion: 98 Resp: 467347
Ion Ratio Lower Upper
98 100
100 62.9 51.6 77.4

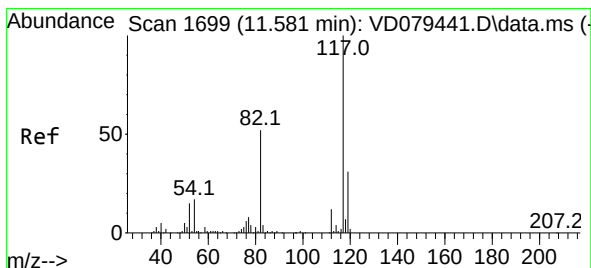
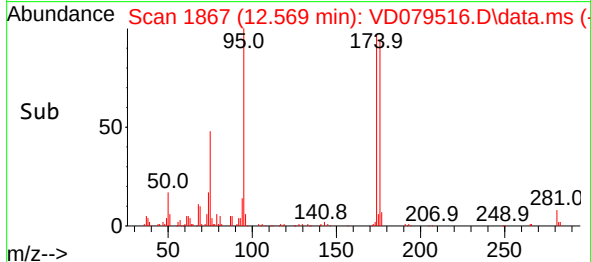
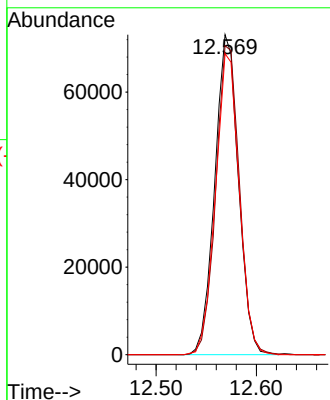
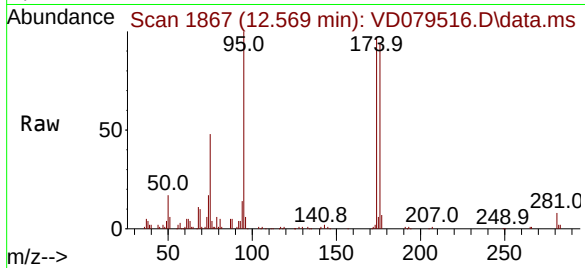




#62
4-Bromofluorobenzene
Concen: 46.570 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

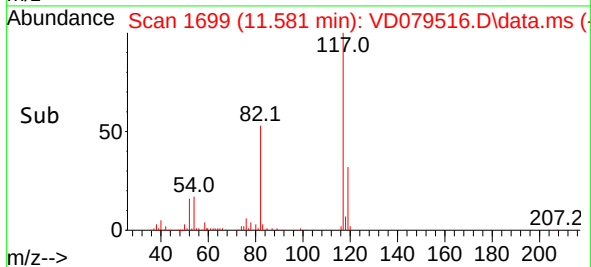
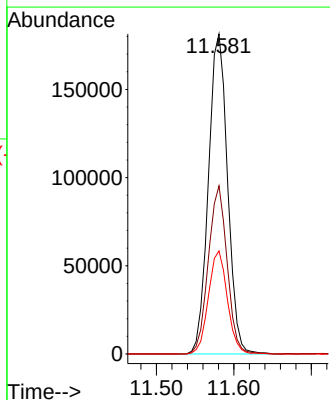
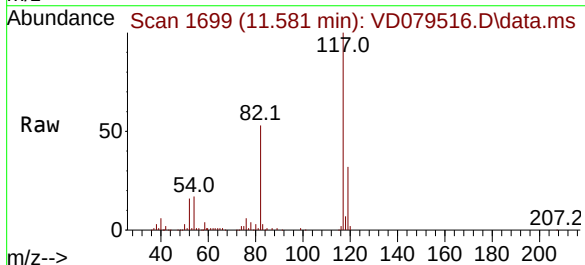
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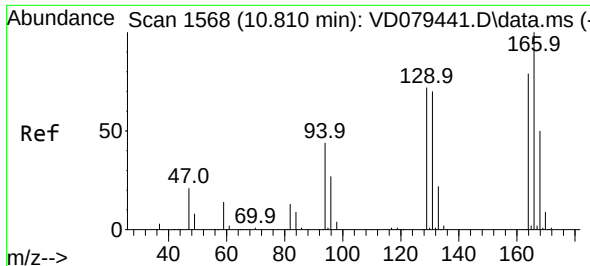
Tgt Ion: 95 Resp: 119592
Ion Ratio Lower Upper
95 100
174 96.8 0.0 195.4
176 94.4 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

Tgt Ion: 117 Resp: 312182
Ion Ratio Lower Upper
117 100
82 52.5 39.8 59.6
119 32.2 25.7 38.5

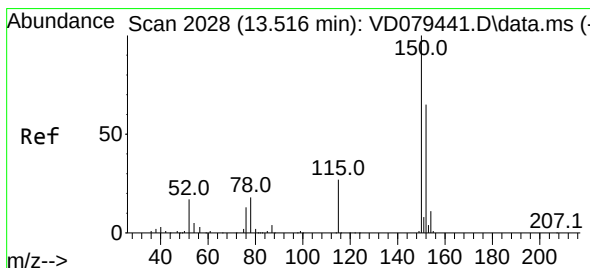
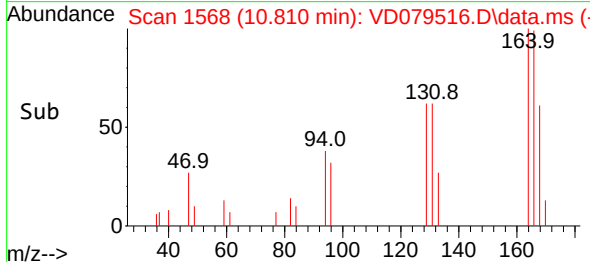
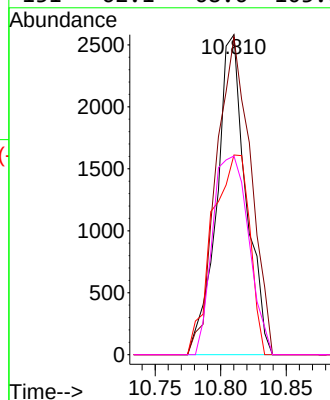
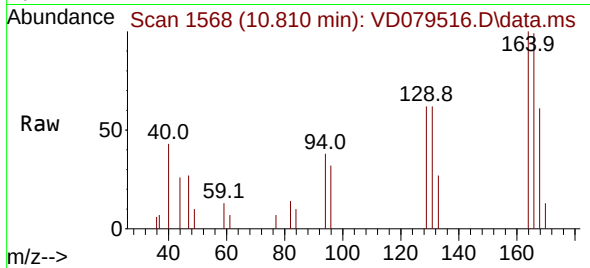




#64
Tetrachloroethene
Concen: 1.896 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

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Tgt Ion:164	Resp:	3991
Ion	Ratio	Lower Upper
164	100	
166	99.3	108.6 163.0#
129	62.4	74.6 112.0#
131	62.1	68.6 103.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079516.D
Acq: 01 Aug 2024 02:14

Tgt Ion:152	Resp:	134212
Ion	Ratio	Lower Upper
152	100	
115	54.0	26.5 79.5
150	156.0	0.0 341.6

