

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079605.D
 Acq On : 06 Aug 2024 04:12
 Operator : RP/MD
 Sample : P3374-18
 Misc : 7.67G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-12.75-13.25-072024

Quant Time: Aug 06 05:14:01 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)

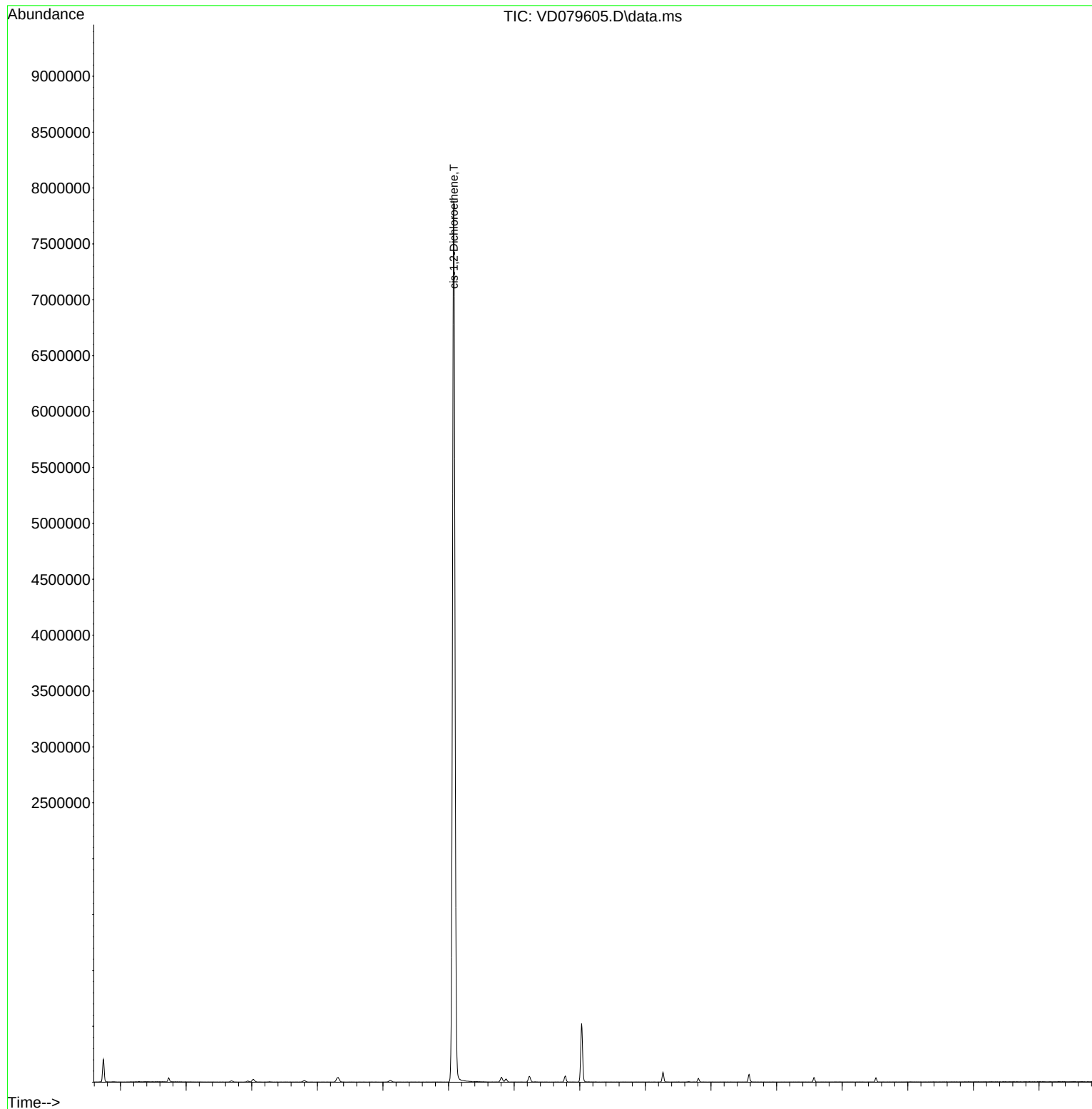
Internal Standards						
1) Pentafluorobenzene	7.875	168	20329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	49777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	40978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39132	189.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 378.960%#			
35) Dibromofluoromethane	7.804	113	29739	88.269	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 176.540%#			
50) Toluene-d8	10.269	98	61922	47.328	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.660%			
62) 4-Bromofluorobenzene	12.563	95	12872	33.998	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 68.000%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.287	62	2188	6.270	ug/l	98
12) 1,1-Dichloroethene	3.940	96	5298	24.120	ug/l	85
16) Acetone	4.022	43	39916	994.515	ug/l	99
17) Carbon Disulfide	4.275	76	5542	7.644	ug/l #	87
20) Methylene Chloride	4.799	84	9140	23.566	ug/l	90
21) trans-1,2-Dichloroethene	5.310	96	30000	121.579	ug/l	94
24) 1,1-Dichloroethane	6.116	63	20693	47.848	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	5091266	18051.168	ug/l	98
40) Benzene	8.257	78	4449	3.046	ug/l	95
44) Trichloroethene	9.028	130	196263	539.800	ug/l	97
64) Tetrachloroethene	10.804	164	7499	27.139	ug/l	92
65) Chlorobenzene	11.604	112	1711	1.886	ug/l #	82

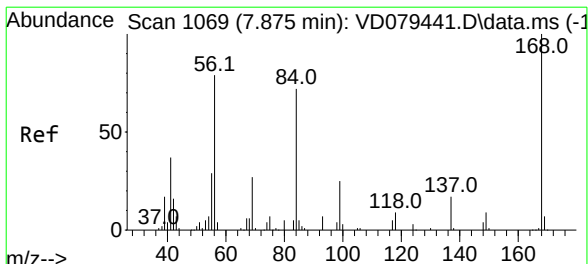
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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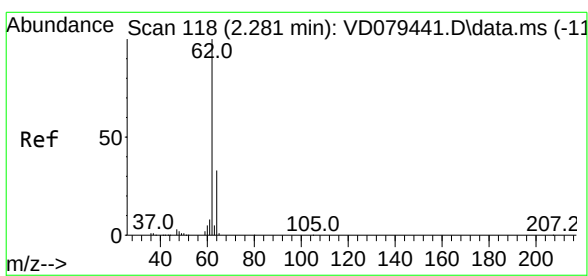
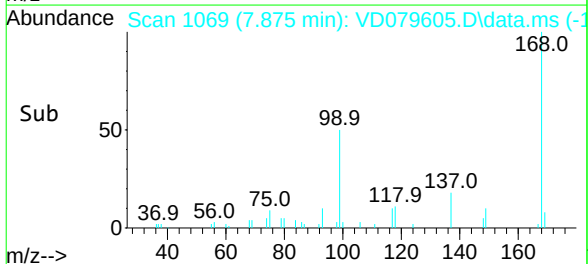
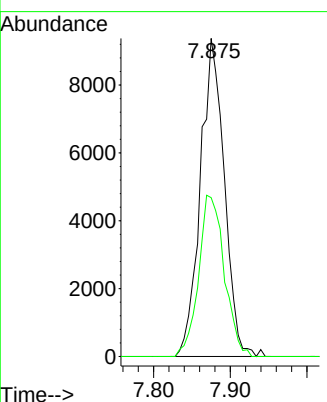
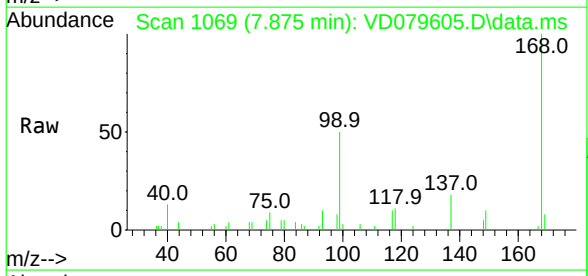




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

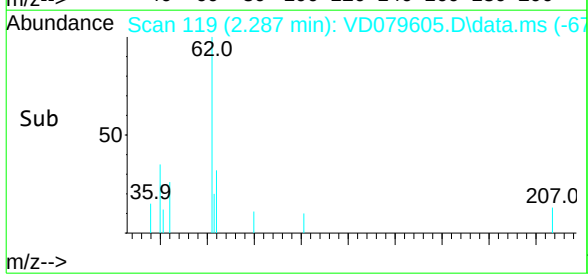
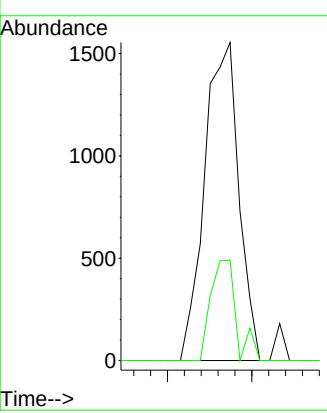
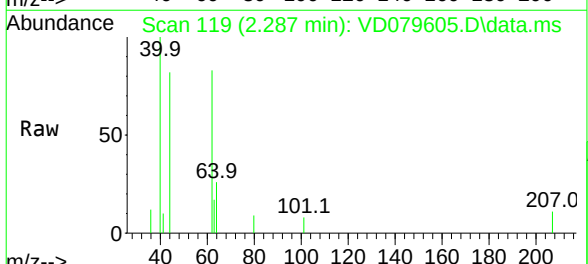
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

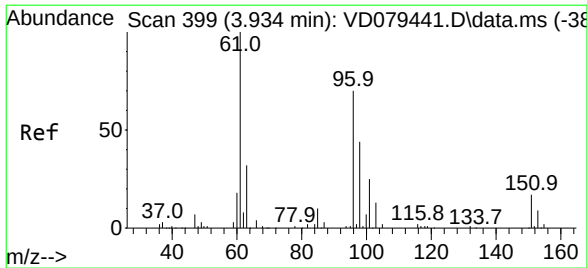
Tgt Ion:	168	Resp:	20329
Ion Ratio	Lower	Upper	
168	100		
99	49.9	41.1	61.7



#4
Vinyl Chloride
Concen: 6.270 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.006 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

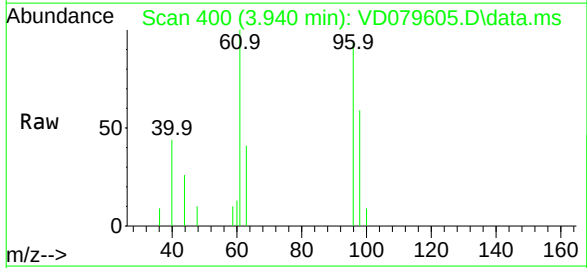
Tgt Ion:	62	Resp:	2188
Ion Ratio	Lower	Upper	
62	100		
64	31.5	26.3	39.5



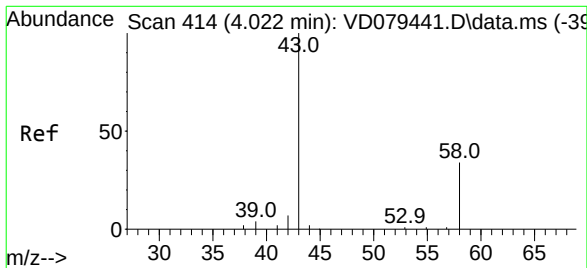
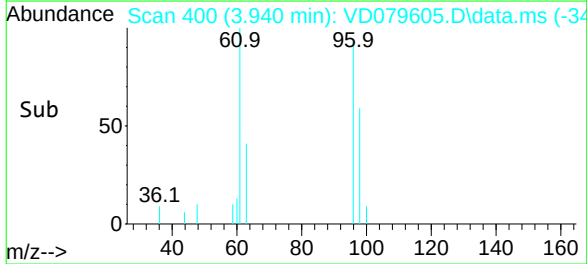
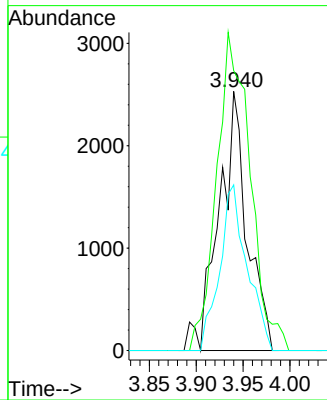


#12
1,1-Dichloroethene
Concen: 24.120 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

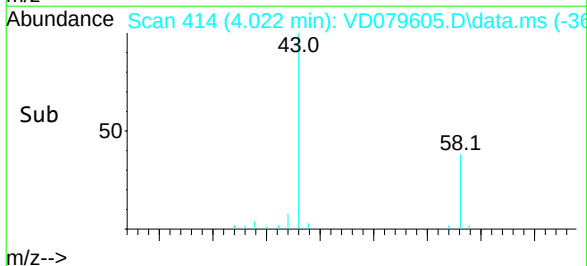
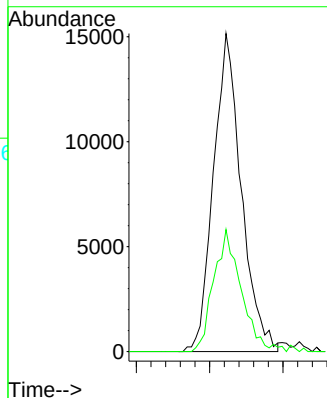
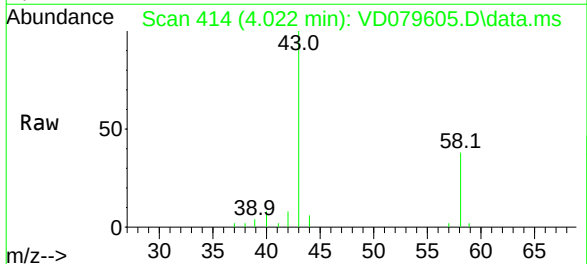


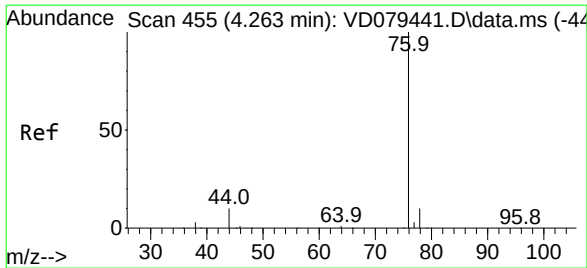
Tgt Ion: 96 Resp: 5298
Ion Ratio Lower Upper
96 100
61 108.0 107.3 160.9
98 63.9 51.7 77.5



#16
Acetone
Concen: 994.515 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

Tgt Ion: 43 Resp: 39916
Ion Ratio Lower Upper
43 100
58 38.4 30.4 45.6

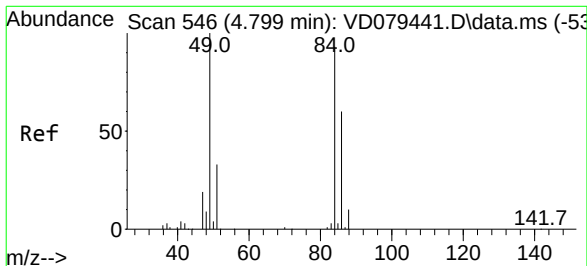
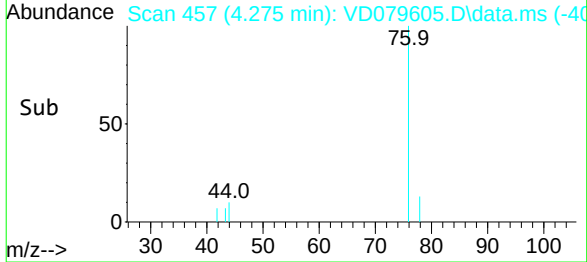
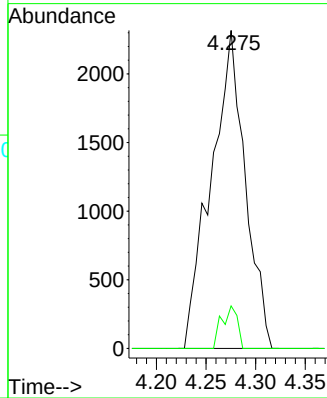
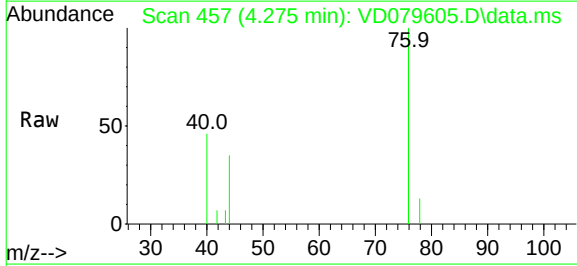




#17
Carbon Disulfide
Concen: 7.644 ug/l
RT: 4.275 min Scan# 45
Delta R.T. 0.012 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

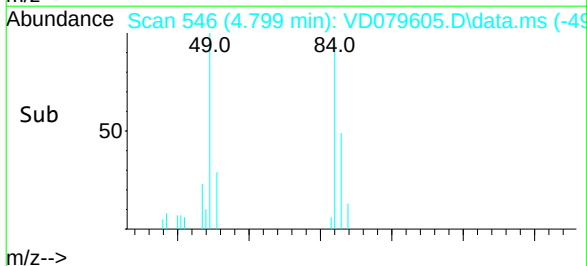
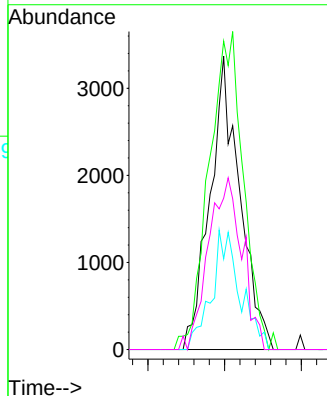
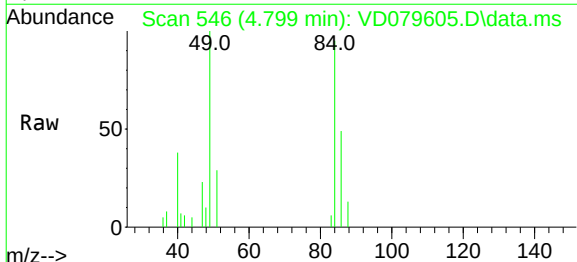
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-12.75-13.25-072024

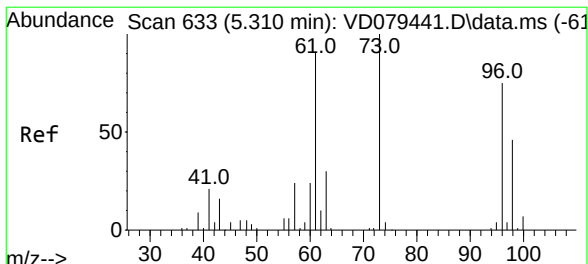
Tgt Ion: 76 Resp: 5542
Ion Ratio Lower Upper
76 100
78 13.4 6.9 10.3#



#20
Methylene Chloride
Concen: 23.566 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

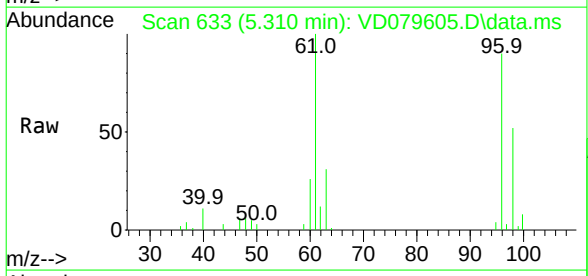
Tgt Ion: 84 Resp: 9140
Ion Ratio Lower Upper
84 100
49 105.1 75.6 113.4
51 30.9 24.2 36.2
86 51.6 49.2 73.8



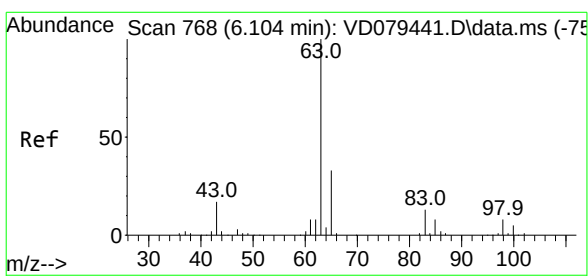
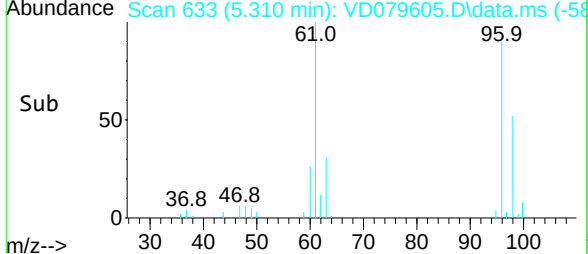
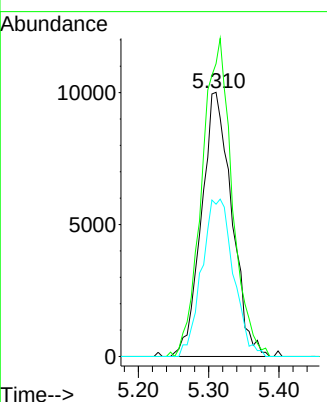


#21
trans-1,2-Dichloroethene
Concen: 121.579 ug/l
RT: 5.310 min Scan# 63
Delta R.T. -0.000 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

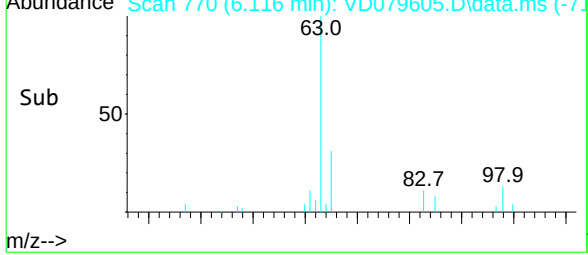
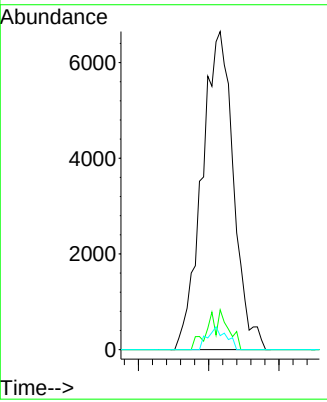
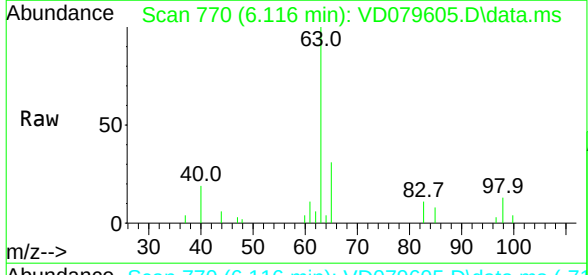


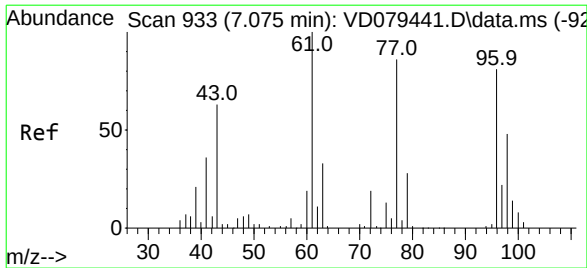
Tgt Ion:	96	Resp:	30000
Ion	Ratio	Lower	Upper
96	100		
61	110.8	84.5	126.7
98	57.6	50.5	75.7



#24
1,1-Dichloroethane
Concen: 47.848 ug/l
RT: 6.116 min Scan# 770
Delta R.T. 0.012 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

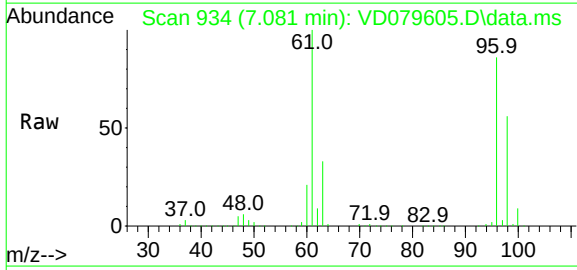
Tgt Ion:	63	Resp:	20693
Ion	Ratio	Lower	Upper
63	100		
98	12.5	4.7	14.0
100	4.4	2.9	8.6





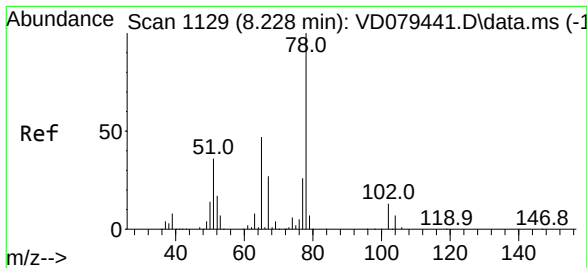
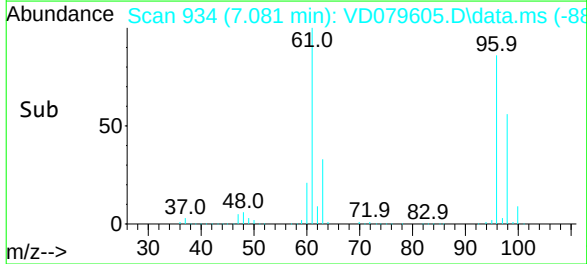
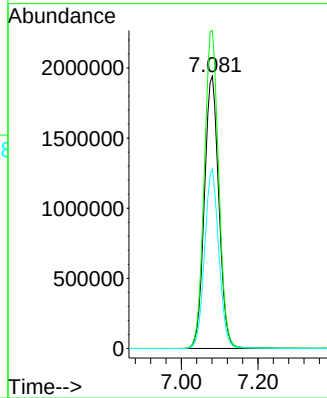
#27
 cis-1,2-Dichloroethene
 Concen: 18051.168 ug/l
 RT: 7.081 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: VD079605.D
 Acq: 06 Aug 2024 04:12

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-12.75-13.25-072024



Tgt Ion: 96 Resp: 5091266

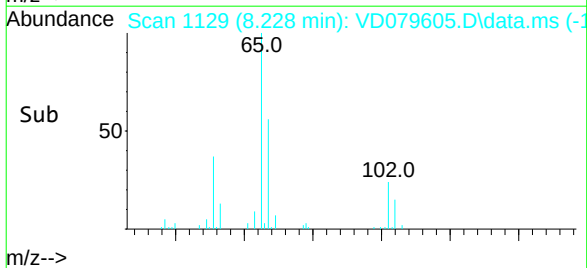
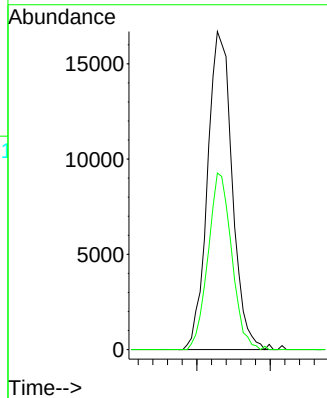
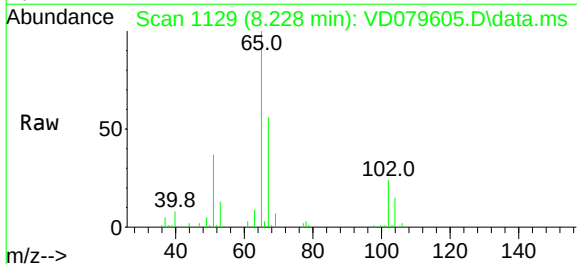
Ion	Ratio	Lower	Upper
96	100		
61	116.9	0.0	229.0
98	64.7	0.0	127.2

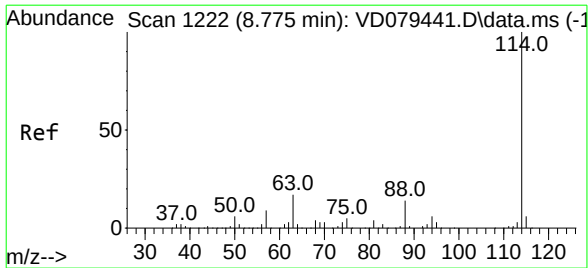


#33
 1,2-Dichloroethane-d4
 Concen: 189.480 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD079605.D
 Acq: 06 Aug 2024 04:12

Tgt Ion: 65 Resp: 39132

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	111.0

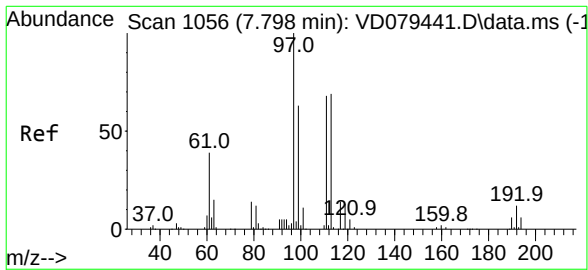
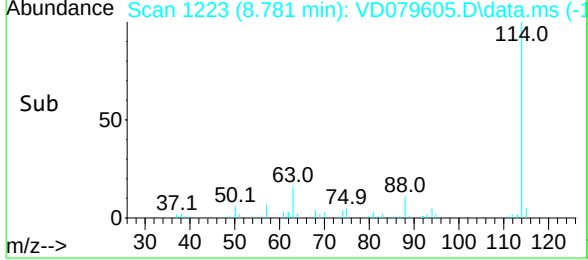
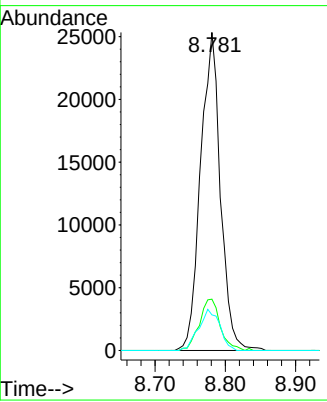
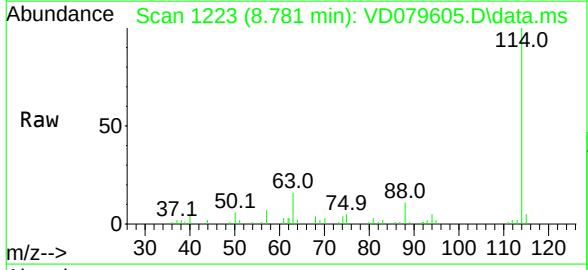




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VD079605.D
 Acq: 06 Aug 2024 04:12

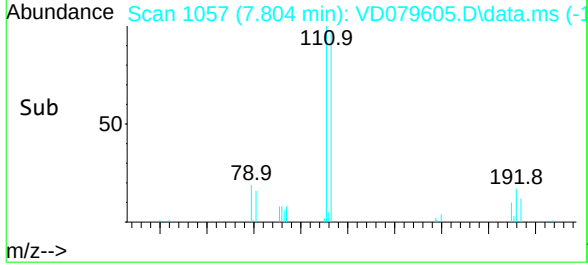
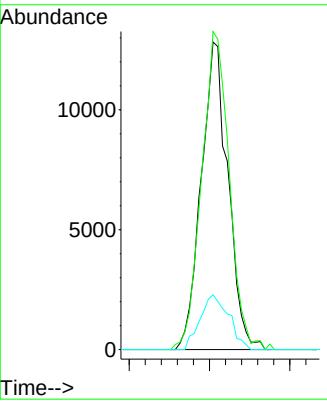
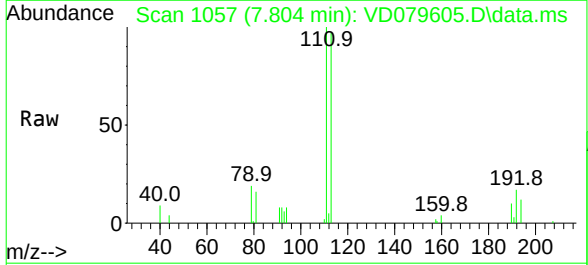
Instrument :
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 S-863-K2-SO-12.75-13.25-072024

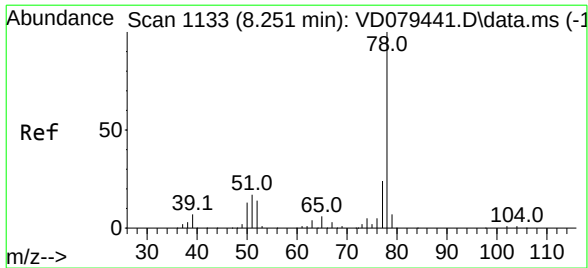
Tgt Ion:	114	Resp:	49777
Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	34.0
88	11.2	0.0	27.2



#35
 Dibromofluoromethane
 Concen: 88.269 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD079605.D
 Acq: 06 Aug 2024 04:12

Tgt Ion:	113	Resp:	29739
Ion	Ratio	Lower	Upper
113	100		
111	106.2	84.0	126.0
192	19.1	15.4	23.0

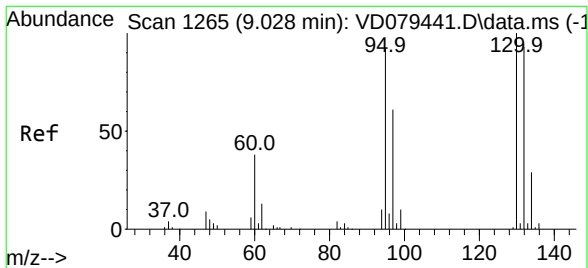
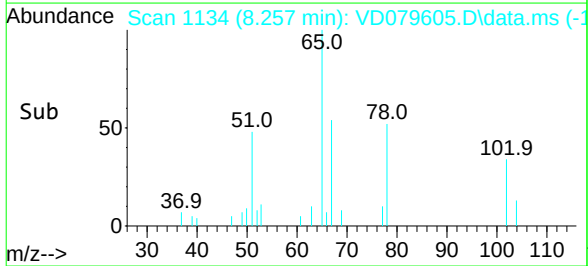
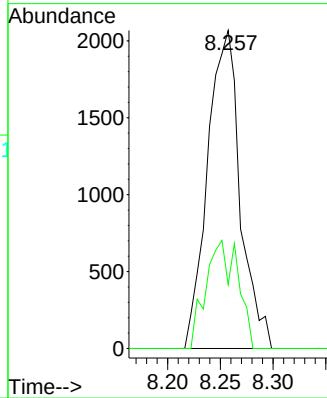
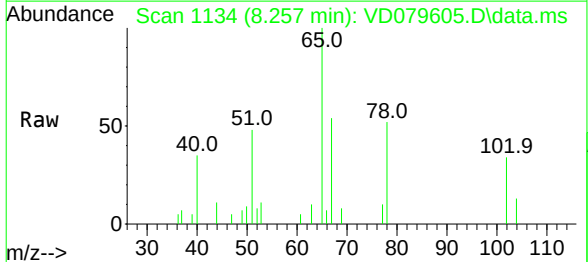




#40
Benzene
Concen: 3.046 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

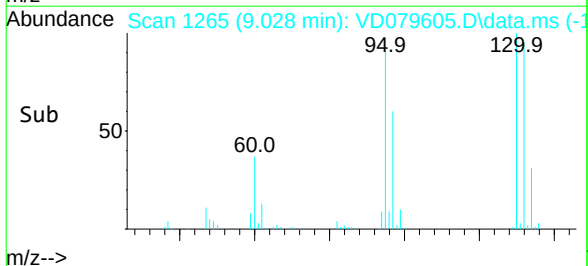
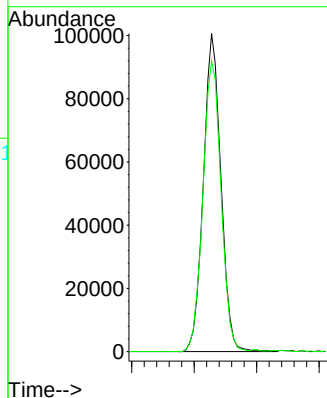
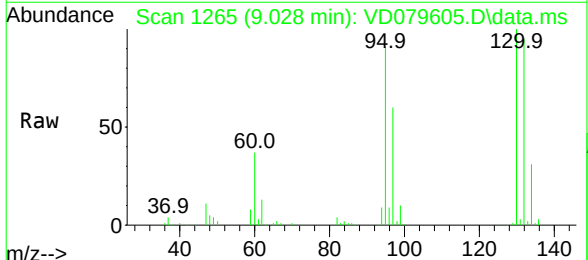
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

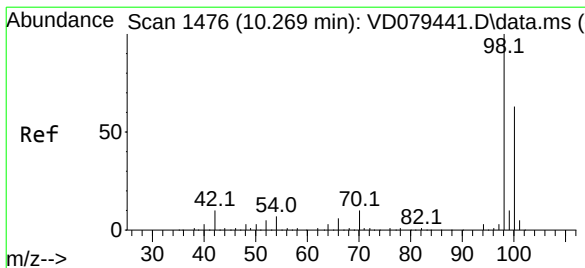
Tgt Ion: 78 Resp: 4449
Ion Ratio Lower Upper
78 100
77 20.1 18.1 27.1



#44
Trichloroethene
Concen: 539.800 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

Tgt Ion: 130 Resp: 196263
Ion Ratio Lower Upper
130 100
95 91.4 0.0 177.8





#50

Toluene-d8

Concen: 47.328 ug/l

RT: 10.269 min Scan# 14

Delta R.T. 0.006 min

Lab File: VD079605.D

Acq: 06 Aug 2024 04:12

Instrument :

MSVOA_D

ClientSampleId :

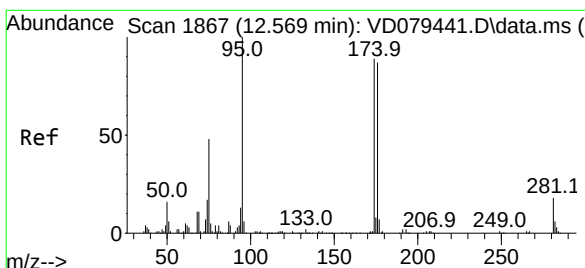
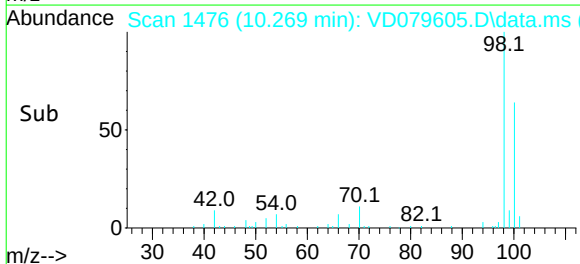
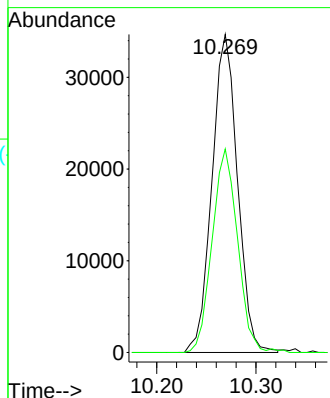
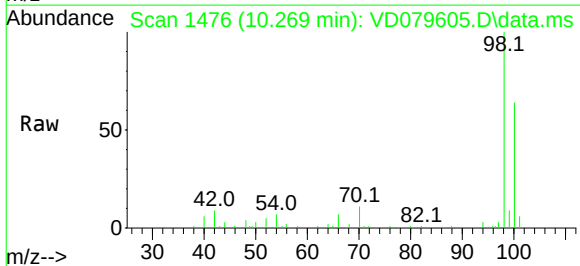
S-863-K2-SO-12.75-13.25-072024

Tgt Ion: 98 Resp: 61922

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 33.998 ug/l

RT: 12.563 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VD079605.D

Acq: 06 Aug 2024 04:12

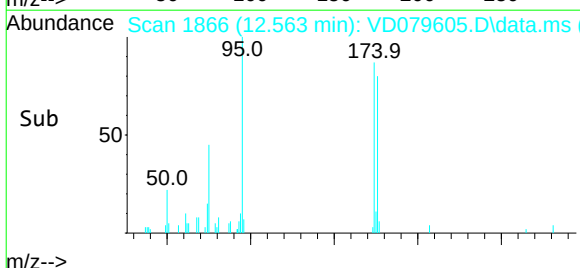
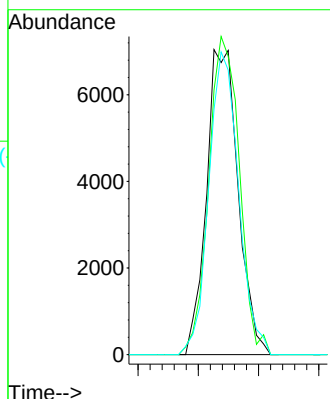
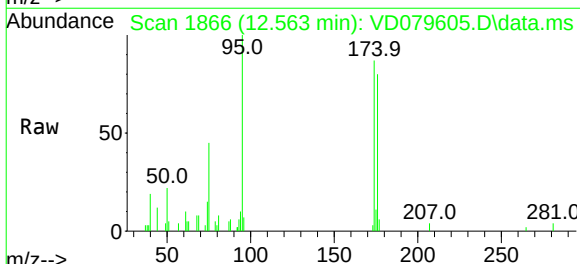
Tgt Ion: 95 Resp: 12872

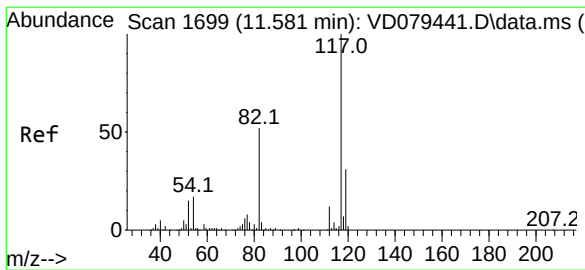
Ion Ratio Lower Upper

95 100

174 100.9 0.0 195.4

176 93.4 0.0 192.6

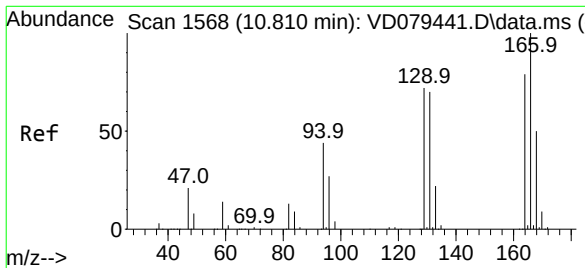
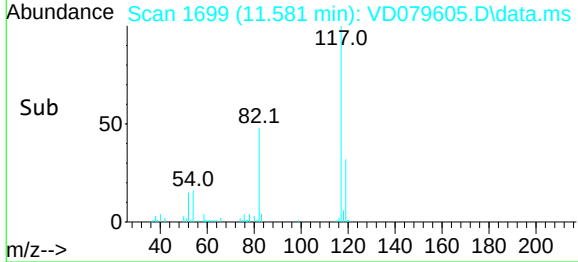
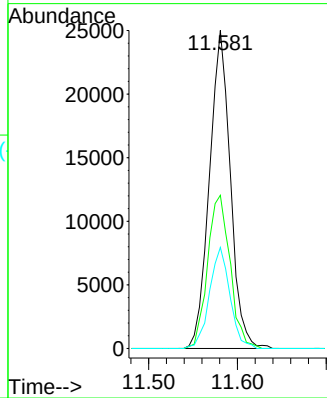
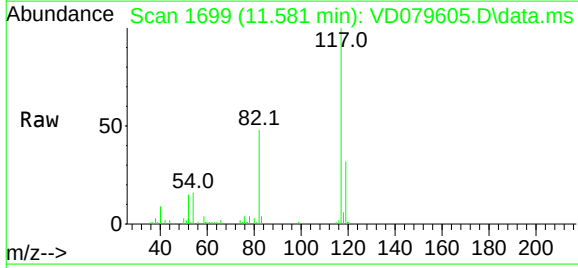




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

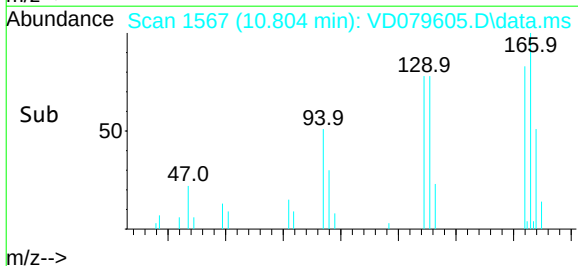
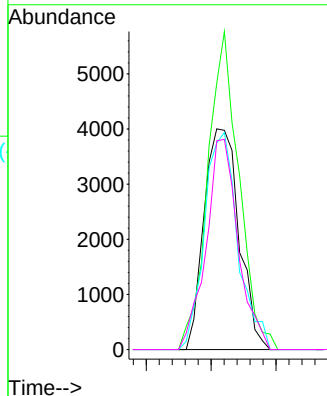
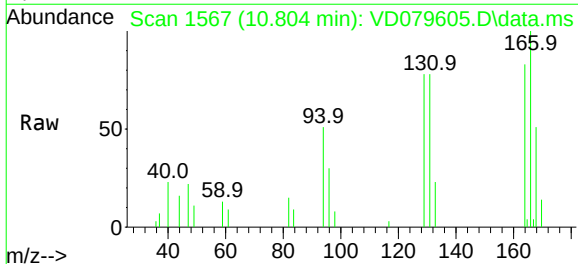
Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

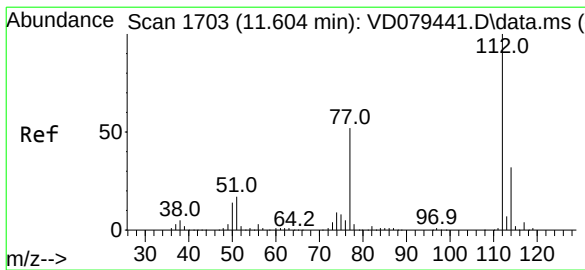
Tgt Ion:	117	Resp:	40978
Ion	Ratio	Lower	Upper
117	100		
82	48.2	39.8	59.6
119	31.8	25.7	38.5



#64
Tetrachloroethene
Concen: 27.139 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

Tgt Ion:	164	Resp:	7499
Ion	Ratio	Lower	Upper
164	100		
166	120.7	108.6	163.0
129	93.6	74.6	112.0
131	94.6	68.6	103.0

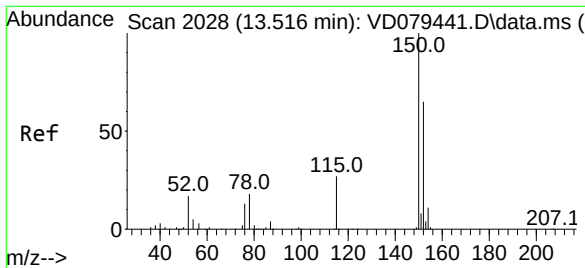
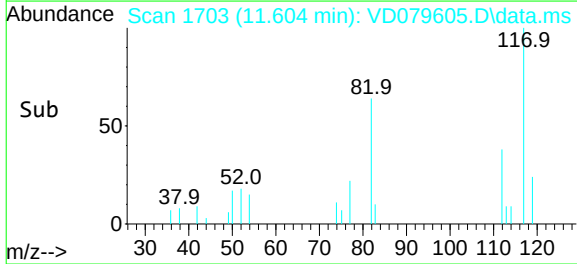
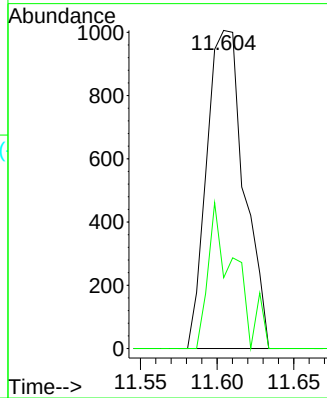
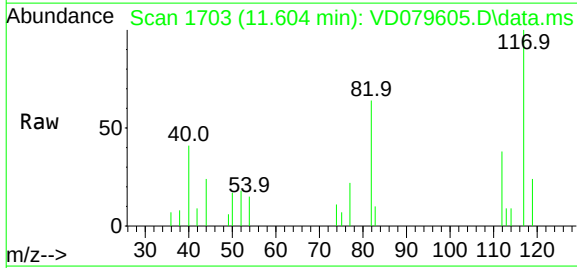




#65
Chlorobenzene
Concen: 1.886 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

Instrument : MSVOA_D
ClientSampleId : S-863-K2-SO-12.75-13.25-072024

Tgt Ion:112 Resp: 1711
Ion Ratio Lower Upper
112 100
114 22.3 26.0 39.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079605.D
Acq: 06 Aug 2024 04:12

Tgt Ion:152 Resp: 11744
Ion Ratio Lower Upper
152 100
115 47.9 26.5 79.5
150 150.1 0.0 341.6

