

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079519.D
 Acq On : 01 Aug 2024 03:36
 Operator : RP/MD
 Sample : P3374-17
 Misc : 7.91G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-863-K2-SO-13.5-14-072024

Quant Time: Aug 01 04:48:53 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)

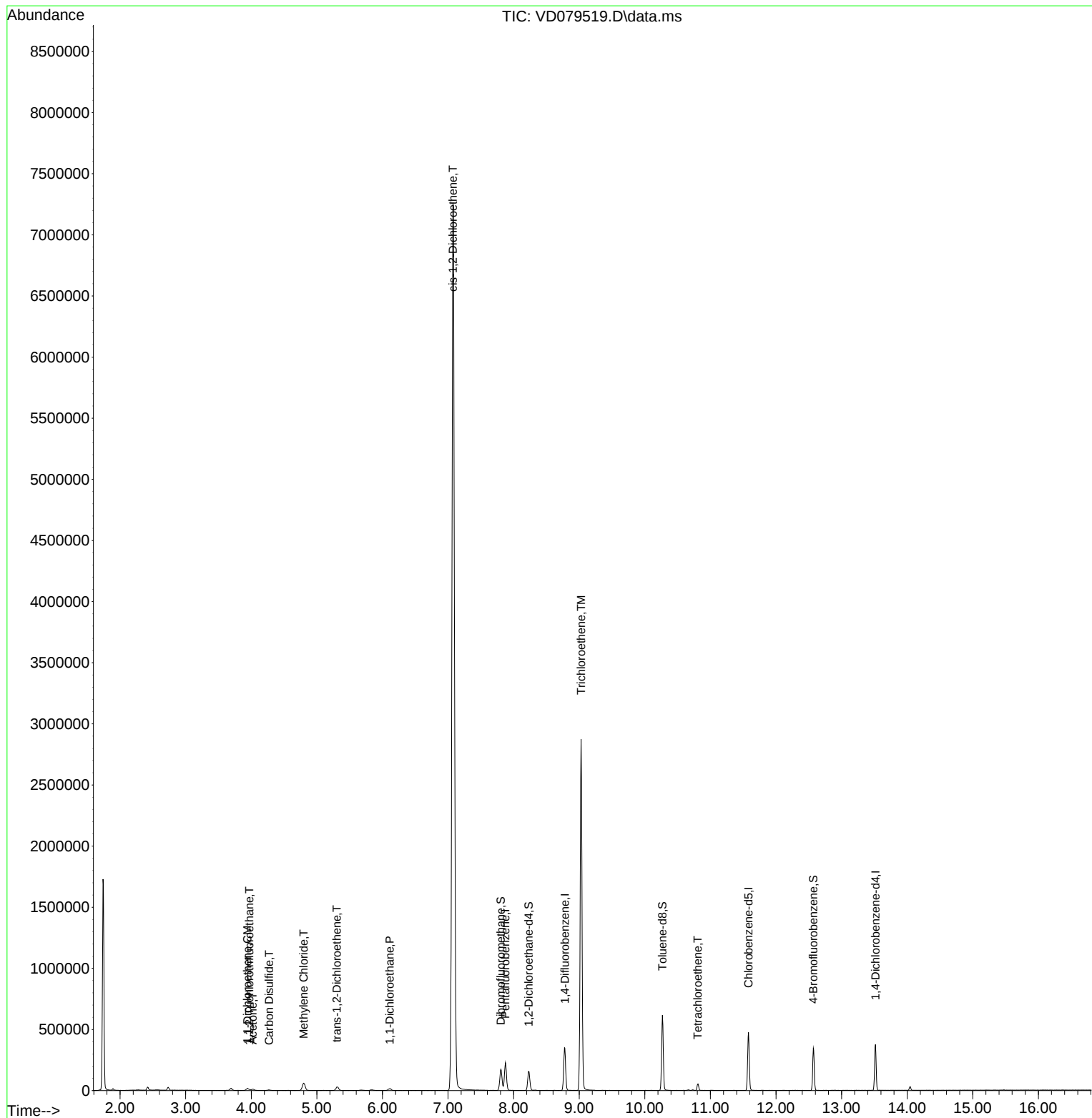
Internal Standards						
1) Pentafluorobenzene	7.875	168	178831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	330338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	122200	67.263	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.520%	
35) Dibromofluoromethane	7.805	113	127880	57.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.380%	
50) Toluene-d8	10.269	98	433202	49.892	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	12.569	95	103168	41.060	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 82.120%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	3.969	101	5112	2.648	ug/l #	70
12) 1,1-Dichloroethene	3.940	96	7860	4.068	ug/l	93
16) Acetone	4.022	43	19494	55.213	ug/l #	87
17) Carbon Disulfide	4.269	76	10483	1.644	ug/l	99
20) Methylene Chloride	4.799	84	49890	5.192	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	20019	9.223	ug/l	87
24) 1,1-Dichloroethane	6.111	63	23909	6.285	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	4844630	1952.600	ug/l	99
44) Trichloroethene	9.028	130	1072153	444.346	ug/l	96
64) Tetrachloroethene	10.804	164	13540	6.908	ug/l	91

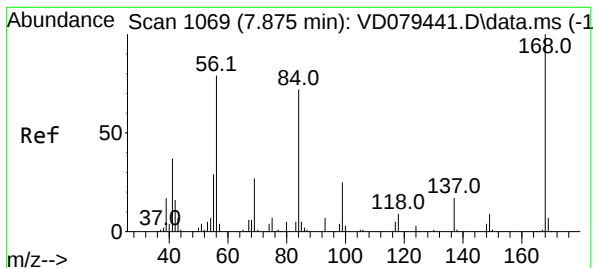
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
Data File : VD079519.D
Acq On : 01 Aug 2024 03:36
Operator : RP/MD
Sample : P3374-17
Misc : 7.91G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-13.5-14-072024

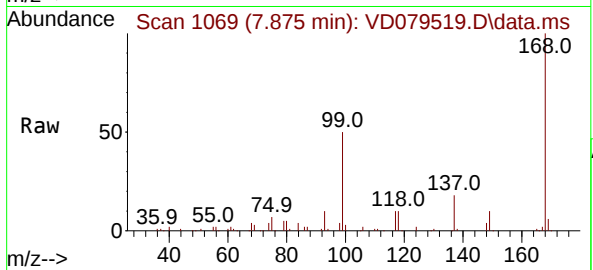
Quant Time: Aug 01 04:48:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



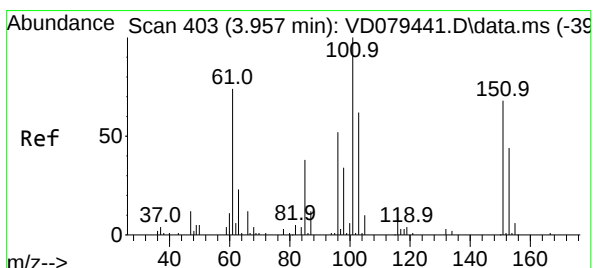
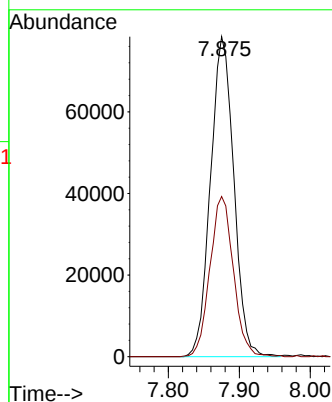
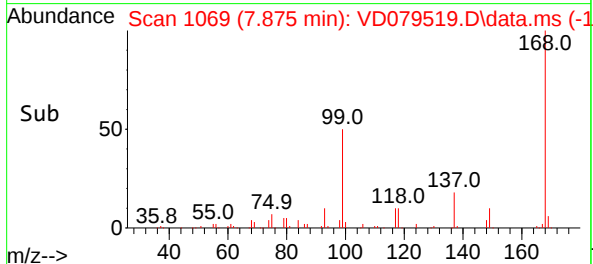


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-13.5-14-072024

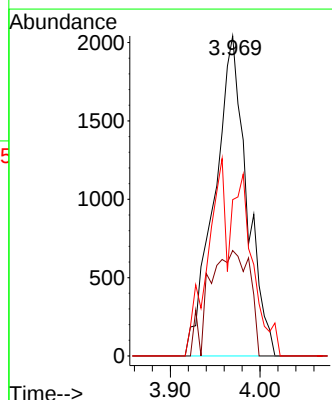
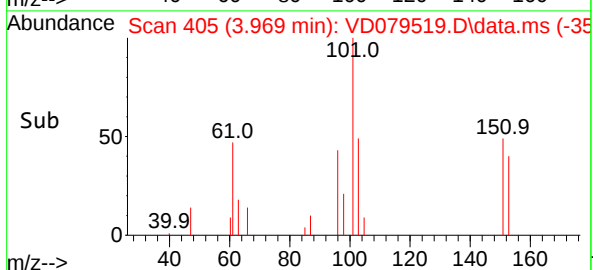
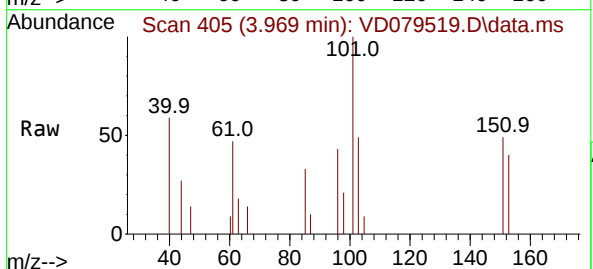


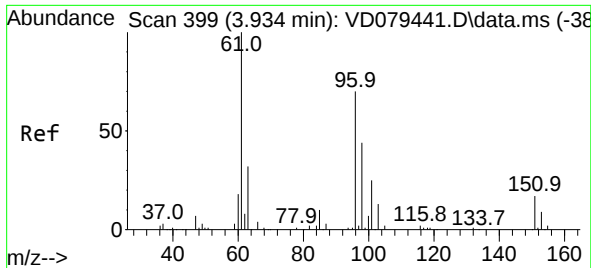
Tgt Ion:168 Resp: 178831
Ion Ratio Lower Upper
168 100
99 50.1 41.1 61.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.648 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

Tgt Ion:101 Resp: 5112
Ion Ratio Lower Upper
101 100
85 41.0 33.5 50.3
151 36.8 60.3 90.5#





#12

1,1-Dichloroethene

Concen: 4.068 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.012 min

Lab File: VD079519.D

Acq: 01 Aug 2024 03:36

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-13.5-14-072024

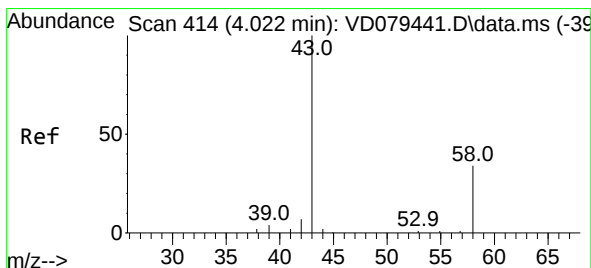
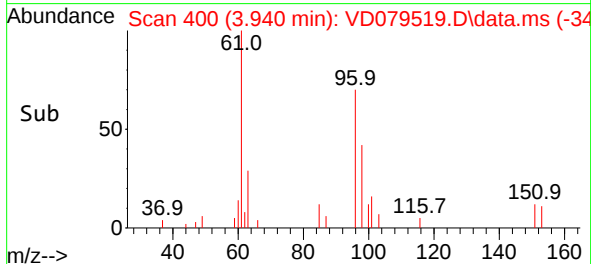
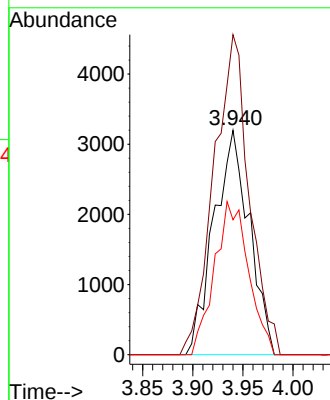
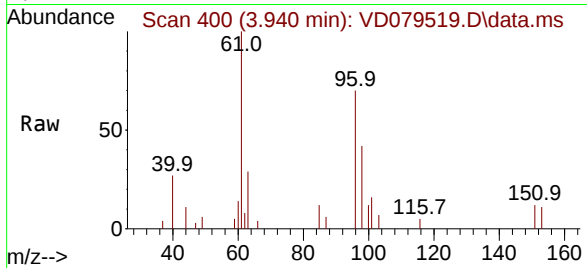
Tgt Ion: 96 Resp: 7860

Ion Ratio Lower Upper

96 100

61 142.7 107.3 160.9

98 60.1 51.7 77.5



#16

Acetone

Concen: 55.213 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD079519.D

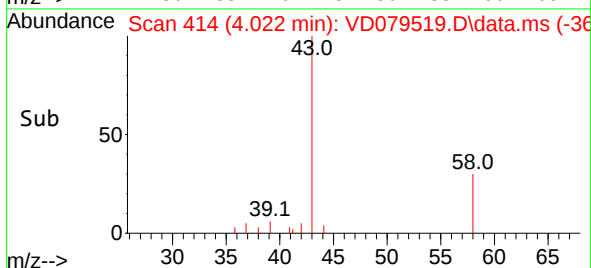
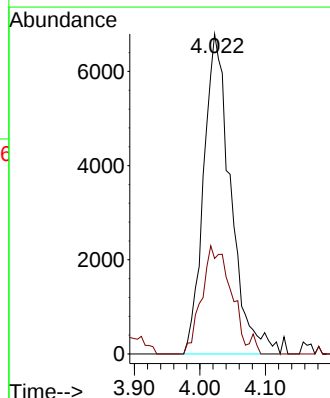
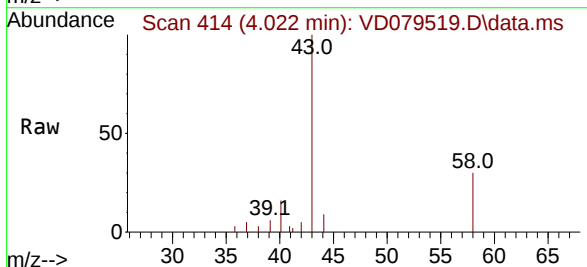
Acq: 01 Aug 2024 03:36

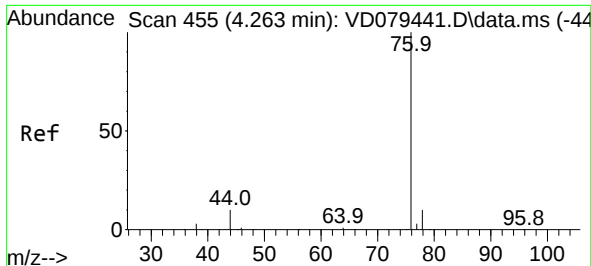
Tgt Ion: 43 Resp: 19494

Ion Ratio Lower Upper

43 100

58 29.9 30.4 45.6#





#17

Carbon Disulfide

Concen: 1.644 ug/l

RT: 4.269 min Scan# 455

Delta R.T. 0.006 min

Lab File: VD079519.D

Acq: 01 Aug 2024 03:36

Instrument :

MSVOA_D

ClientSampleId :

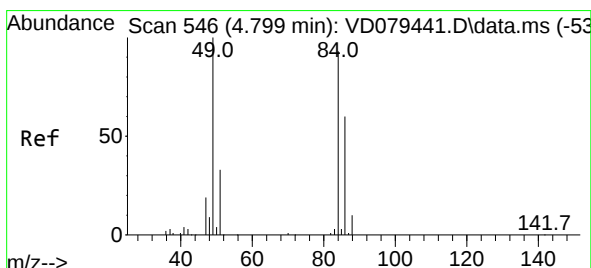
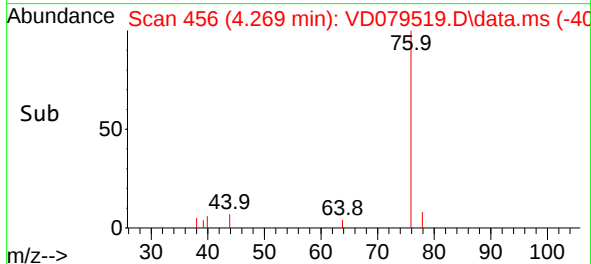
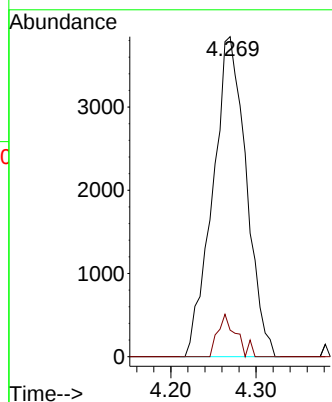
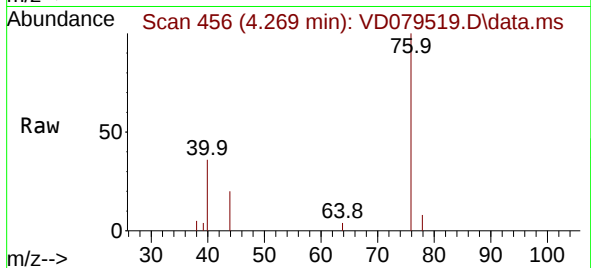
S-863-K2-SO-13.5-14-072024

Tgt Ion: 76 Resp: 10483

Ion Ratio Lower Upper

76 100

78 8.3 6.9 10.3



#20

Methylene Chloride

Concen: 5.192 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD079519.D

Acq: 01 Aug 2024 03:36

Tgt Ion: 84 Resp: 49890

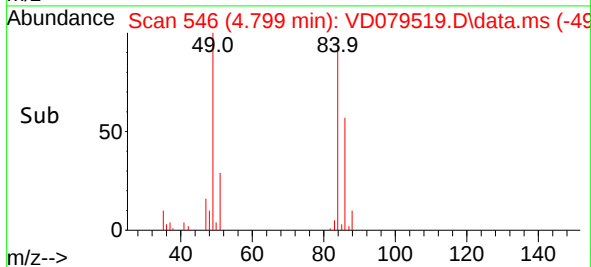
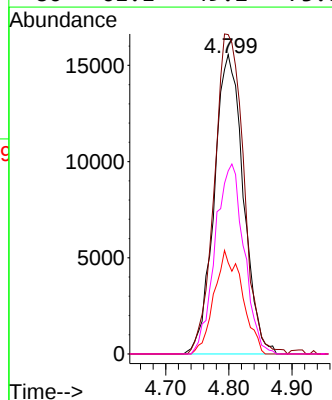
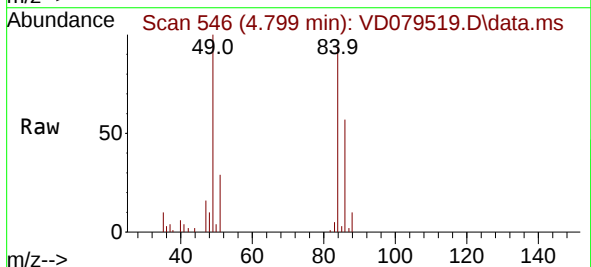
Ion Ratio Lower Upper

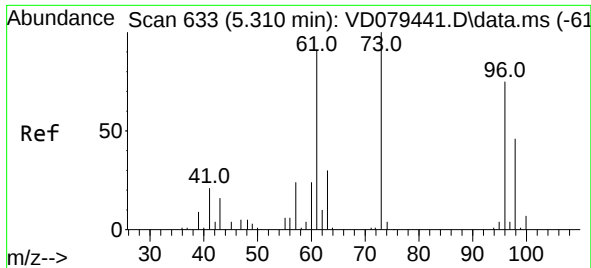
84 100

49 106.7 75.6 113.4

51 30.5 24.2 36.2

86 61.1 49.2 73.8

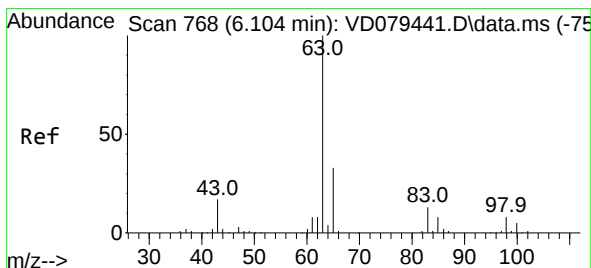
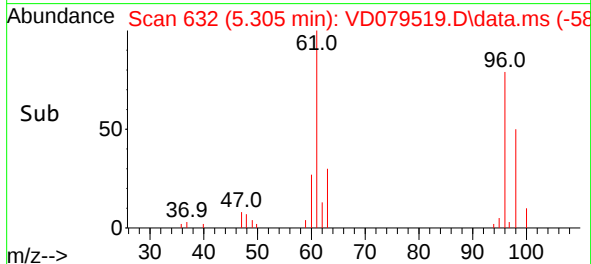
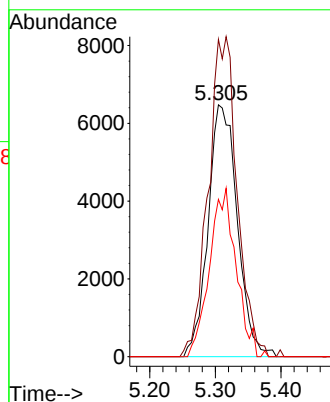
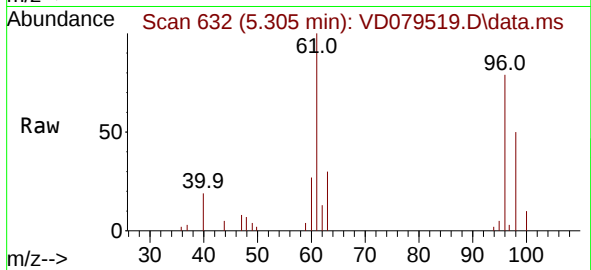




#21
trans-1,2-Dichloroethene
Concen: 9.223 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

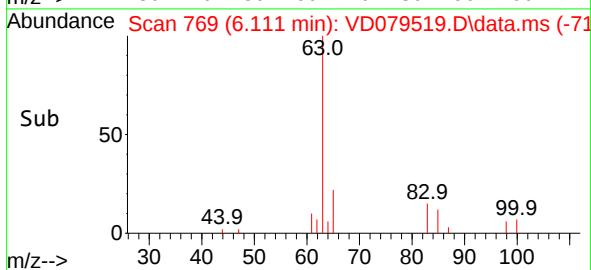
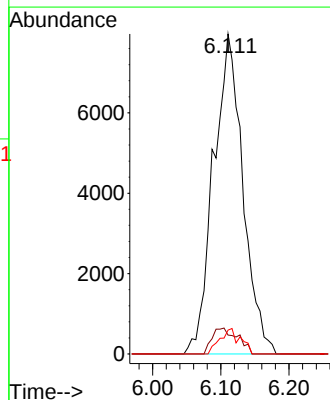
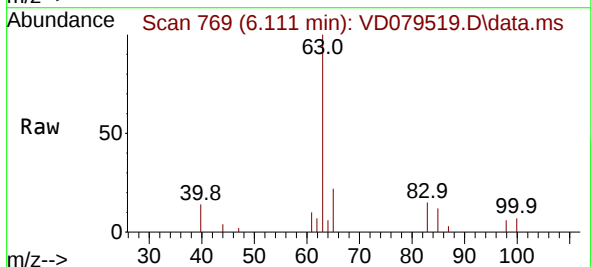
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-13.5-14-072024

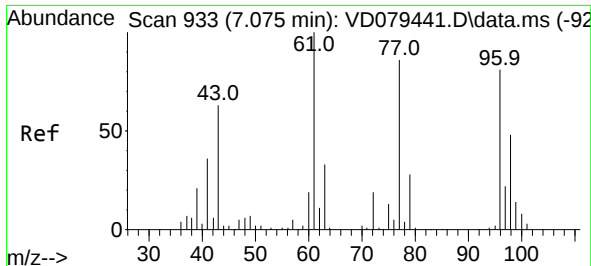
Tgt Ion:	96	Resp:	20019
Ion	Ratio	Lower	Upper
96	100		
61	126.0	84.5	126.7
98	62.5	50.5	75.7



#24
1,1-Dichloroethane
Concen: 6.285 ug/l
RT: 6.111 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

Tgt Ion:	63	Resp:	23909
Ion	Ratio	Lower	Upper
63	100		
98	5.9	4.7	14.0
100	7.4	2.9	8.6





#27

cis-1,2-Dichloroethene

Concen: 1952.600 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD079519.D

Acq: 01 Aug 2024 03:36

Instrument :

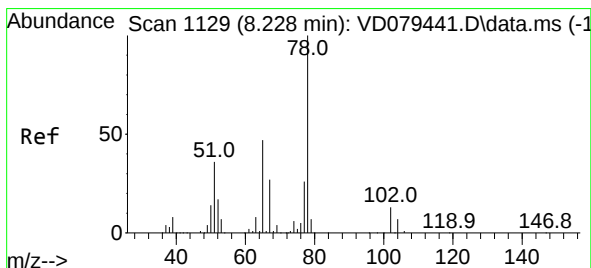
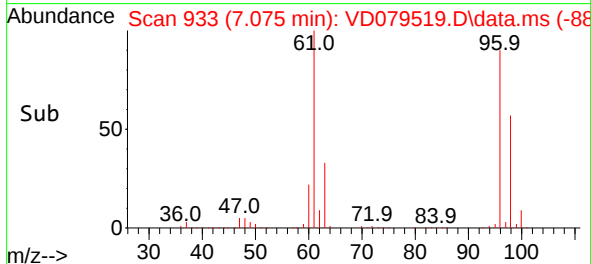
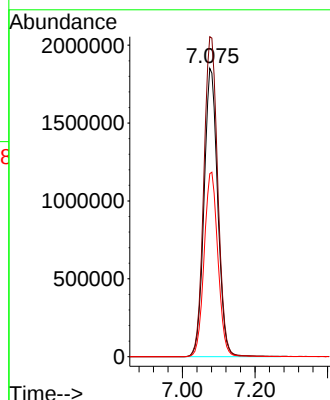
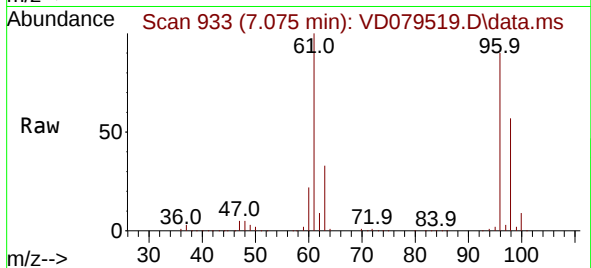
MSVOA_D

ClientSampleId :

S-863-K2-SO-13.5-14-072024

Tgt Ion: 96 Resp: 4844630

Ion	Ratio	Lower	Upper
96	100		
61	113.5	0.0	229.0
98	64.4	0.0	127.2



#33

1,2-Dichloroethane-d4

Concen: 67.263 ug/l

RT: 8.228 min Scan# 1129

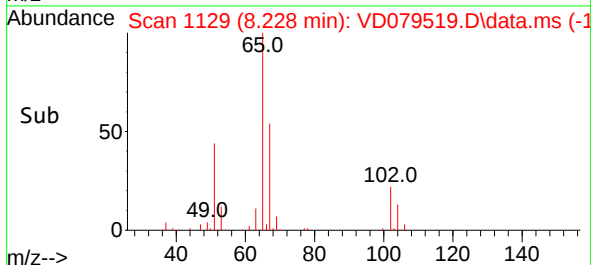
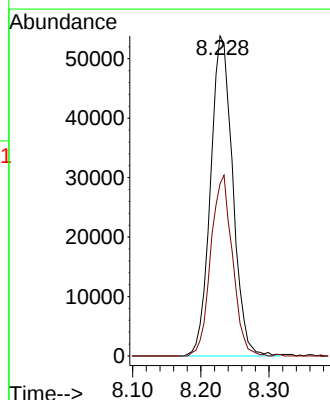
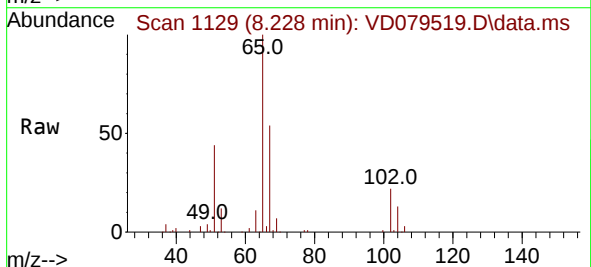
Delta R.T. 0.000 min

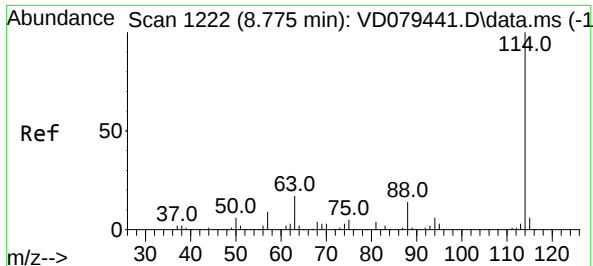
Lab File: VD079519.D

Acq: 01 Aug 2024 03:36

Tgt Ion: 65 Resp: 122200

Ion	Ratio	Lower	Upper
65	100		
67	55.0	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: VD079519.D

Acq: 01 Aug 2024 03:36

Instrument :

MSVOA_D

ClientSampleId :

S-863-K2-SO-13.5-14-072024

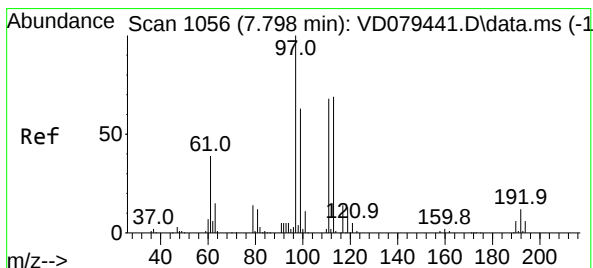
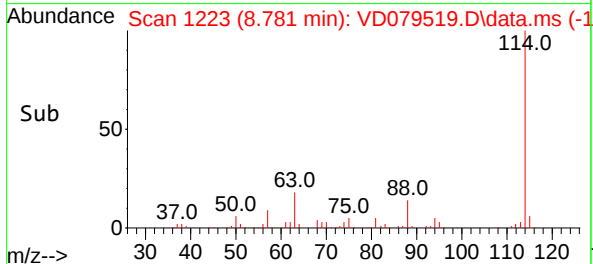
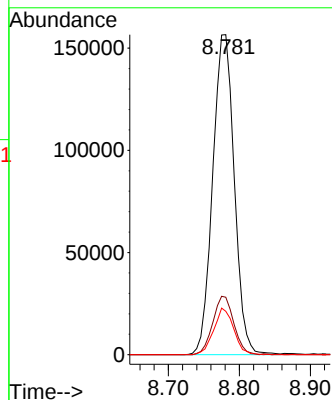
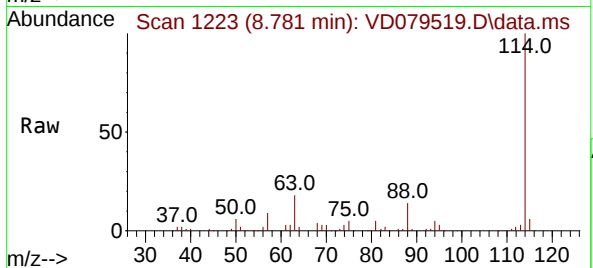
Tgt Ion:114 Resp: 330338

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.194 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079519.D

Acq: 01 Aug 2024 03:36

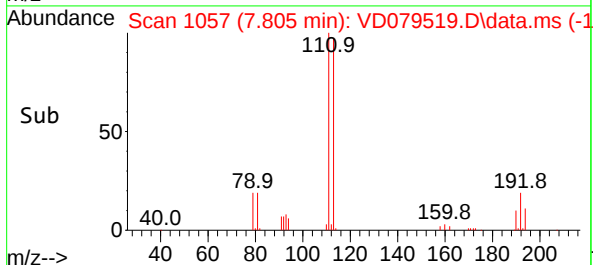
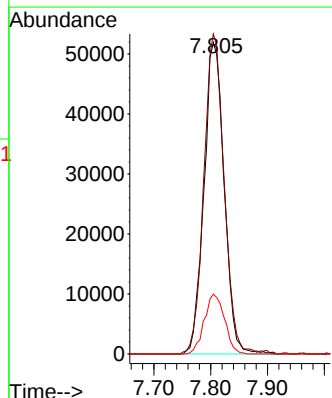
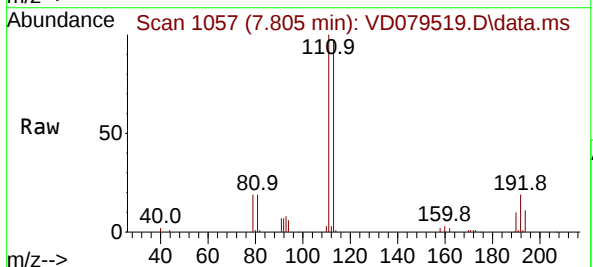
Tgt Ion:113 Resp: 127880

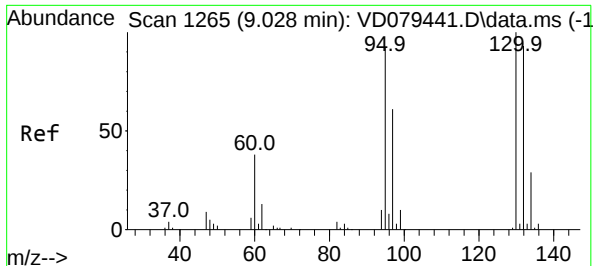
Ion Ratio Lower Upper

113 100

111 102.8 84.0 126.0

192 19.2 15.4 23.0

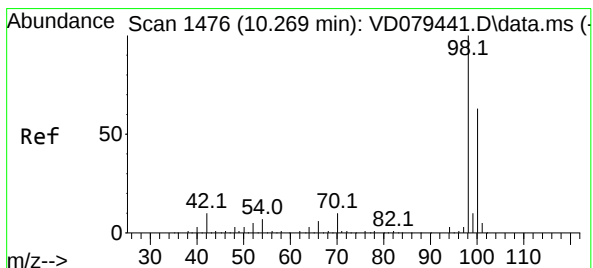
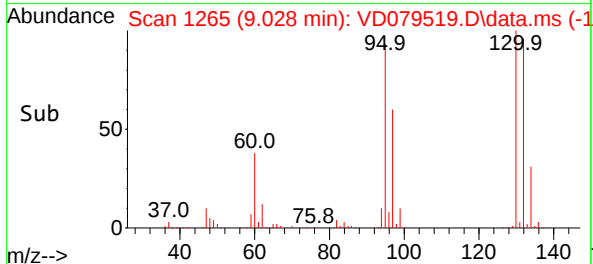
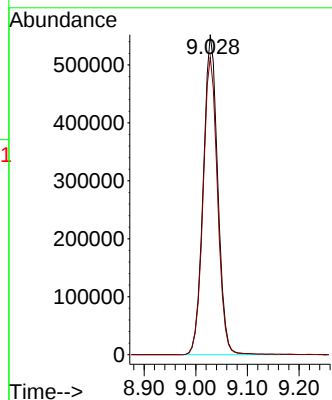
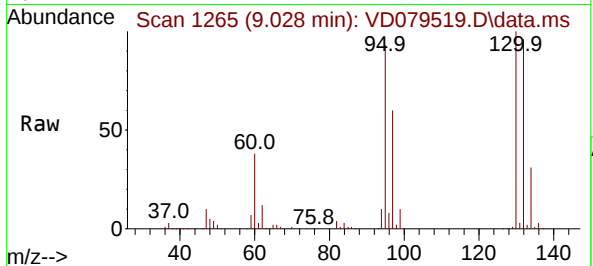




#44
Trichloroethene
Concen: 444.346 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

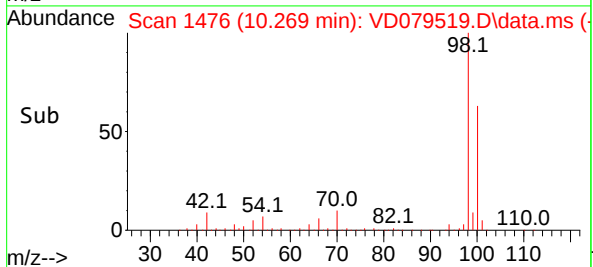
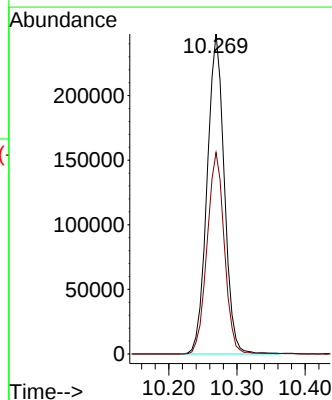
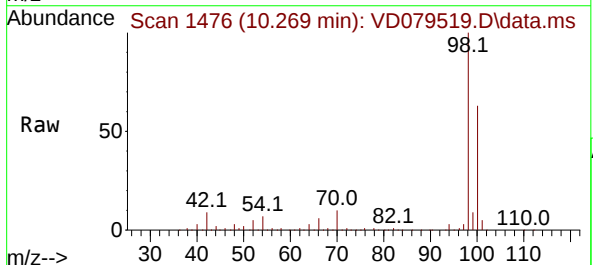
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-13.5-14-072024

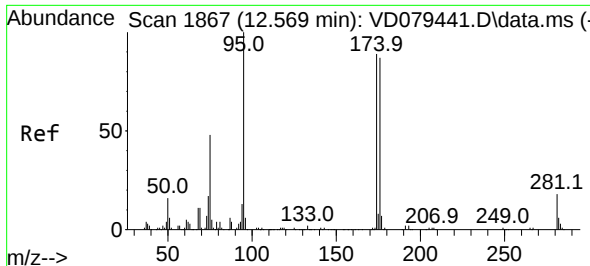
Tgt Ion:130 Resp: 1072153
Ion Ratio Lower Upper
130 100
95 93.0 0.0 177.8



#50
Toluene-d8
Concen: 49.892 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

Tgt Ion: 98 Resp: 433202
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

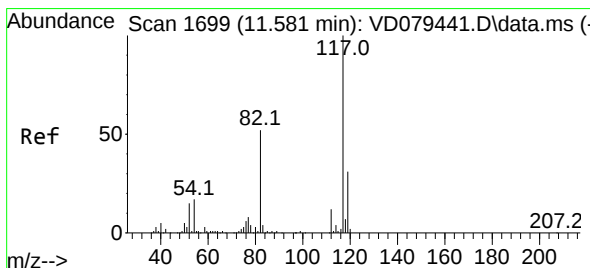
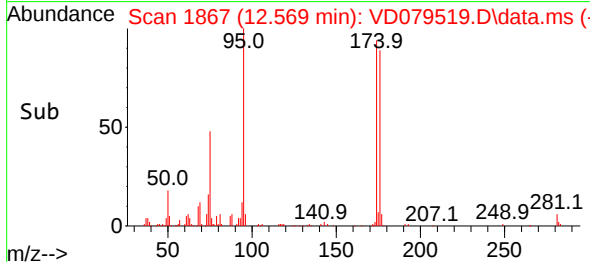
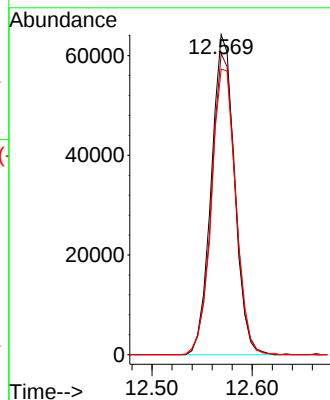
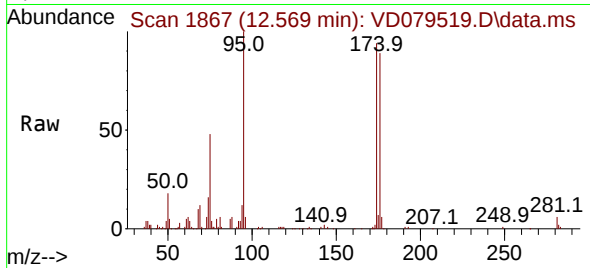




#62
4-Bromofluorobenzene
Concen: 41.060 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

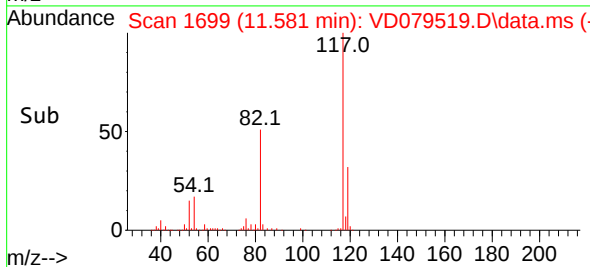
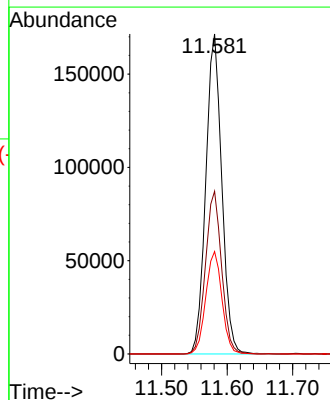
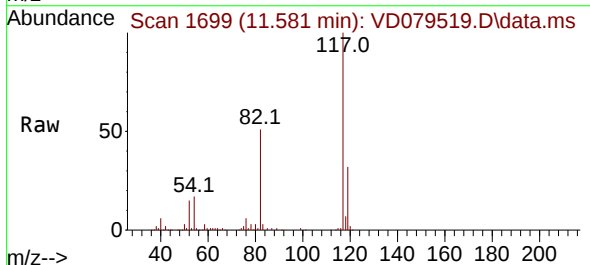
Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-13.5-14-072024

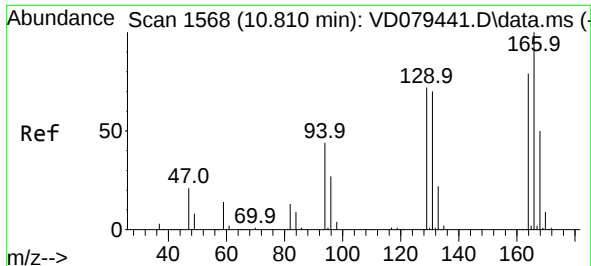
Tgt Ion: 95 Resp: 103168
Ion Ratio Lower Upper
95 100
174 96.0 0.0 195.4
176 93.7 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

Tgt Ion: 117 Resp: 290687
Ion Ratio Lower Upper
117 100
82 50.9 39.8 59.6
119 32.0 25.7 38.5

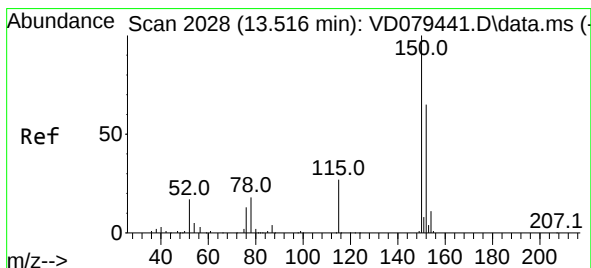
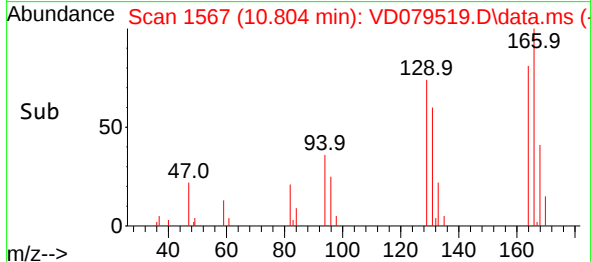
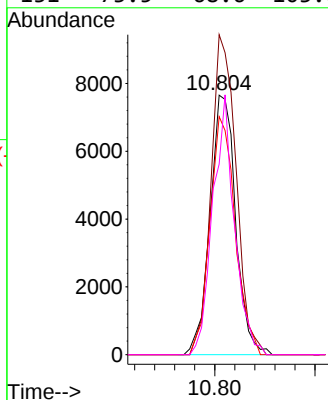
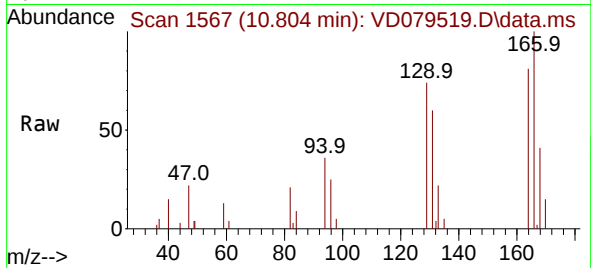




#64
Tetrachloroethene
Concen: 6.908 ug/l
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079519.D
Acq: 01 Aug 2024 03:36

Instrument :
MSVOA_D
ClientSampleId :
S-863-K2-SO-13.5-14-072024

Tgt Ion:164 Resp: 13540
Ion Ratio Lower Upper
164 100
166 123.3 108.6 163.0
129 91.7 74.6 112.0
131 73.5 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: VD079519.D
Acq: 01 Aug 2024 03:36

Tgt Ion:152 Resp: 105935
Ion Ratio Lower Upper
152 100
115 54.5 26.5 79.5
150 159.7 0.0 341.6

