

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079522.D
 Acq On : 01 Aug 2024 04:58
 Operator : RP/MD
 Sample : P3374-01RE
 Misc : 9.09G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-864-K2-SO-12-12.5-072024RE

Quant Time: Aug 01 05:48:16 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)

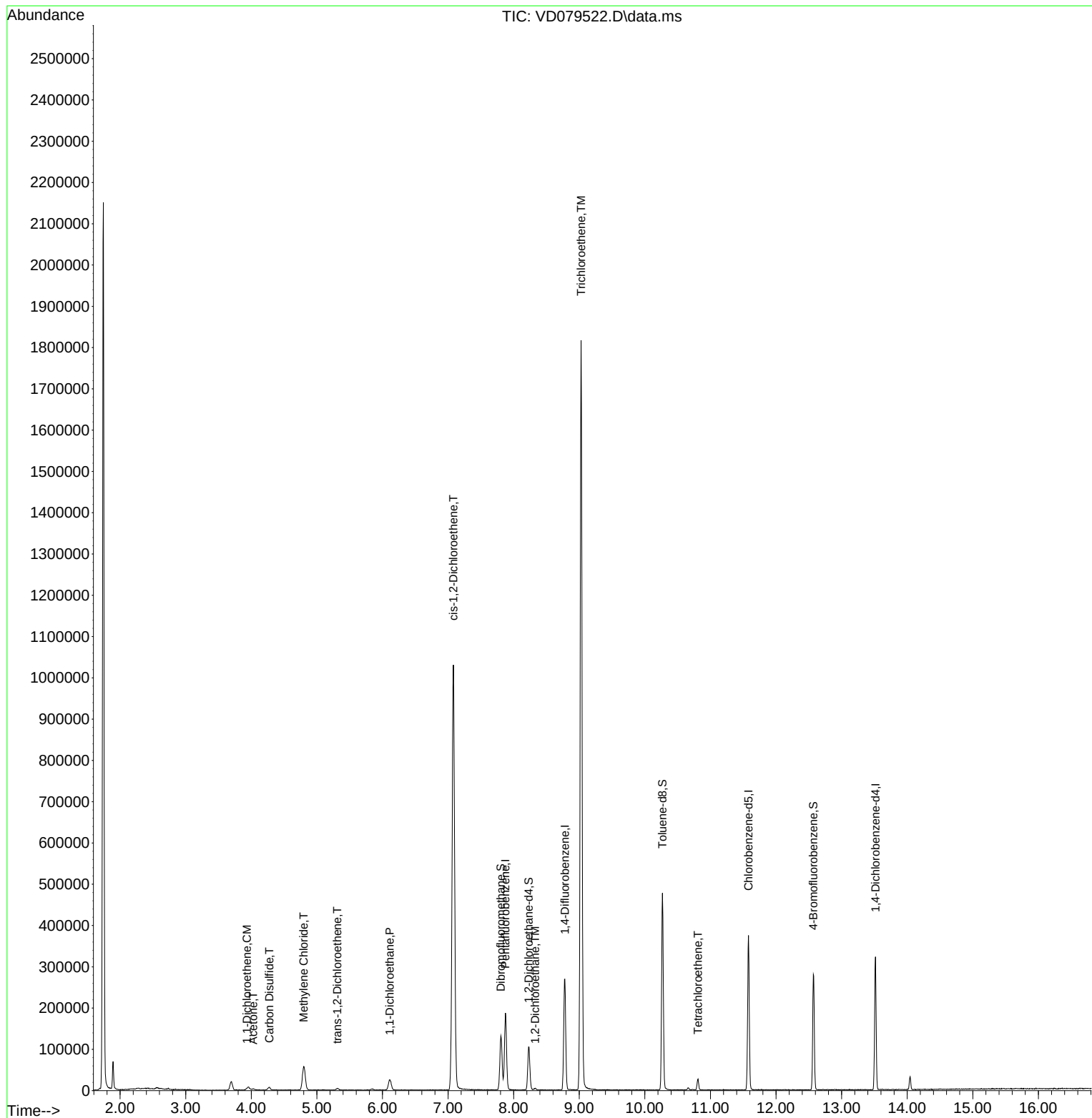
Internal Standards						
1) Pentafluorobenzene	7.875	168	144811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	258138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	80745	54.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.780%	
35) Dibromofluoromethane	7.804	113	97711	55.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.840%	
50) Toluene-d8	10.269	98	341265	50.297	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.569	95	79588	40.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.060%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.934	96	2217	1.417	ug/l	94
16) Acetone	4.028	43	4635	16.212	ug/l #	82
17) Carbon Disulfide	4.275	76	13878	2.687	ug/l #	93
20) Methylene Chloride	4.799	84	46228	9.716	ug/l	88
21) trans-1,2-Dichloroethene	5.310	96	2778	1.580	ug/l	94
24) 1,1-Dichloroethane	6.110	63	37283	12.102	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	684615	340.754	ug/l	99
42) 1,2-Dichloroethane	8.328	62	3558	1.971	ug/l	99
44) Trichloroethene	9.028	130	686337	364.006	ug/l	96
64) Tetrachloroethene	10.810	164	6337	4.134	ug/l	99

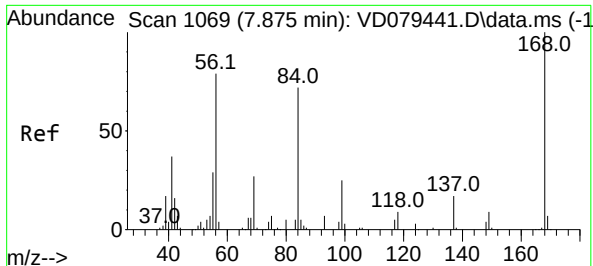
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration

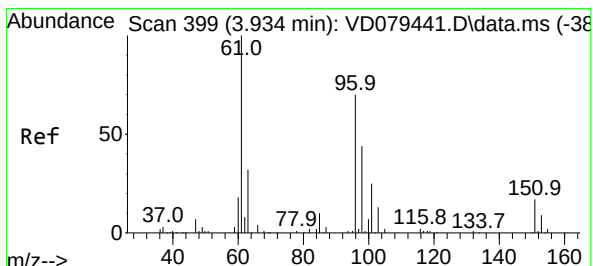
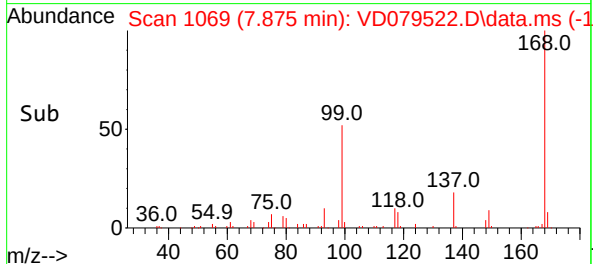
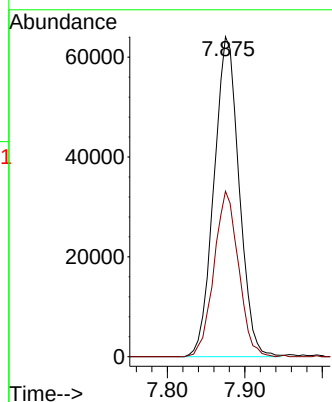
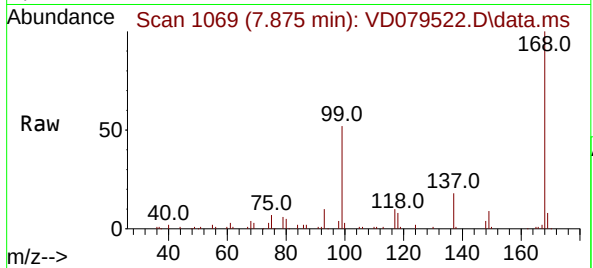




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

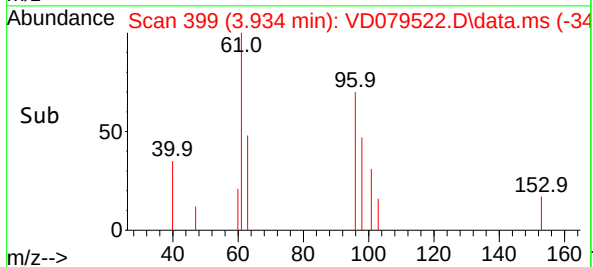
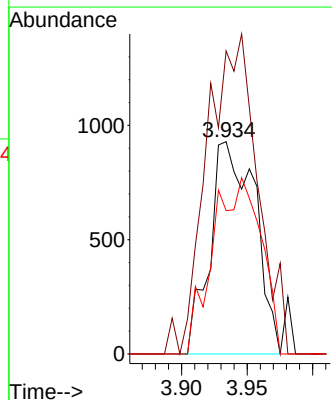
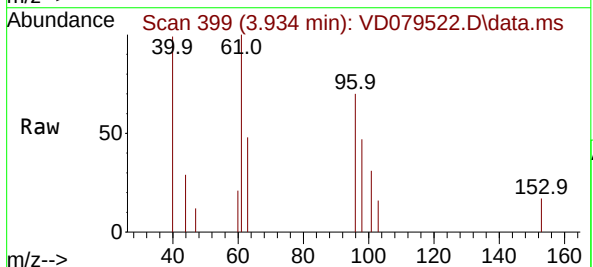
Instrument : MSVOA_D
ClientSampleId : S-864-K2-SO-12-12.5-072024RE

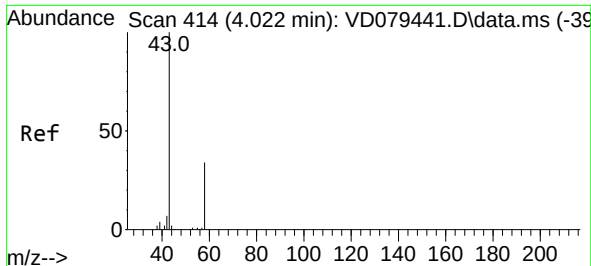
Tgt Ion:168 Resp: 144811
Ion Ratio Lower Upper
168 100
99 51.7 41.1 61.7



#12
1,1-Dichloroethene
Concen: 1.417 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

Tgt Ion: 96 Resp: 2217
Ion Ratio Lower Upper
96 100
61 142.7 107.3 160.9
98 67.5 51.7 77.5

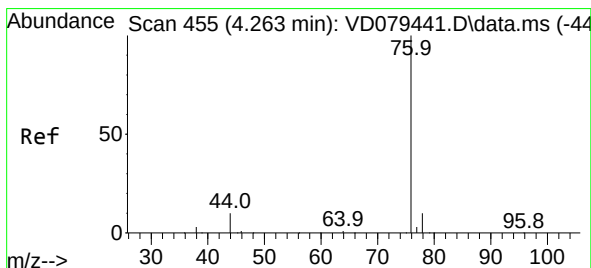
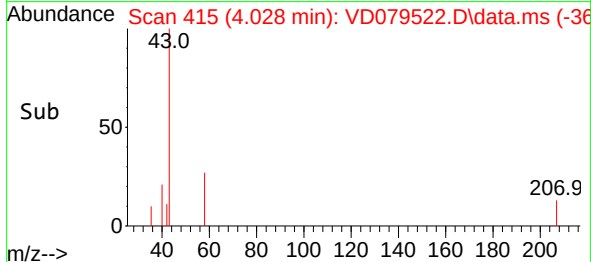
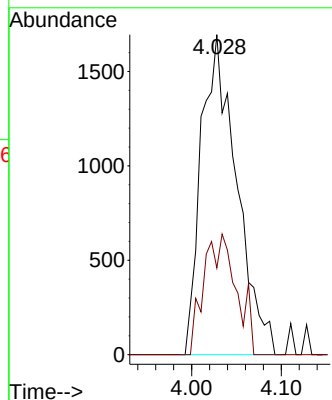
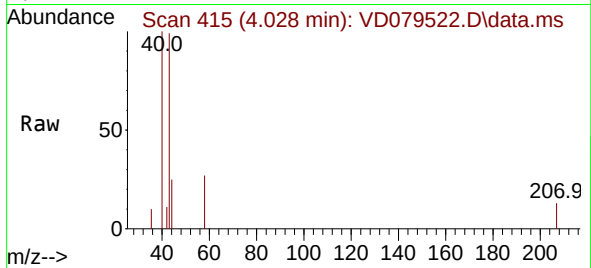




#16
Acetone
Concen: 16.212 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

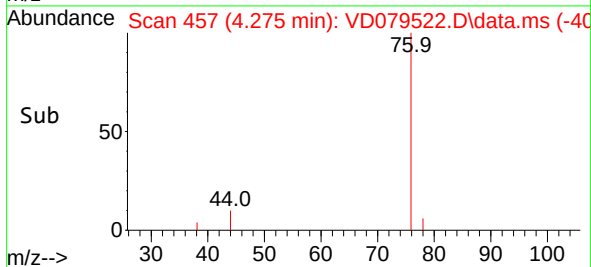
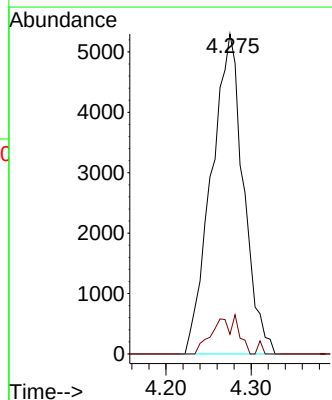
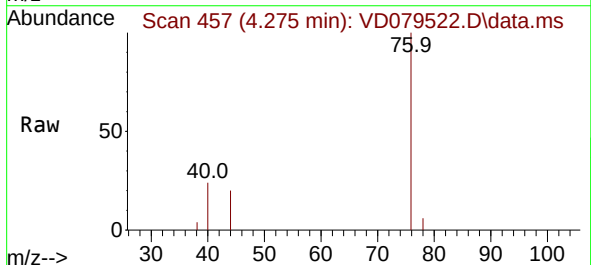
Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12-12.5-072024RE

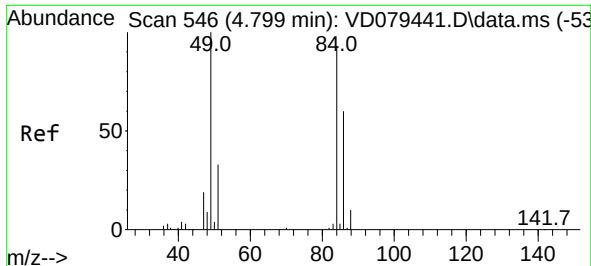
Tgt Ion: 43 Resp: 4635
Ion Ratio Lower Upper
43 100
58 27.1 30.4 45.6#



#17
Carbon Disulfide
Concen: 2.687 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.012 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

Tgt Ion: 76 Resp: 13878
Ion Ratio Lower Upper
76 100
78 6.2 6.9 10.3#

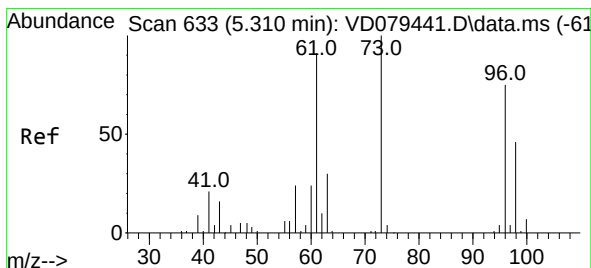
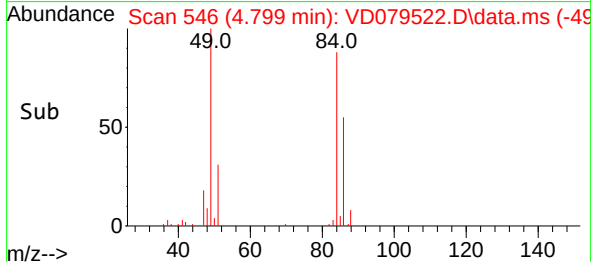
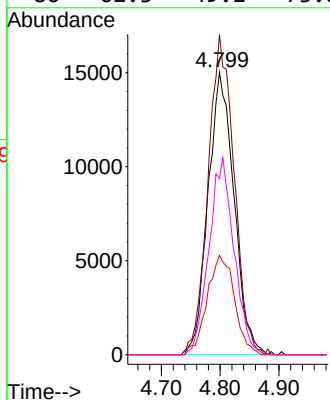
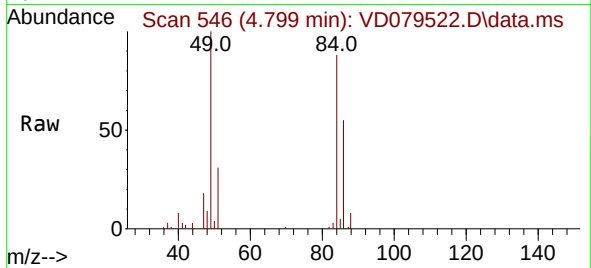




#20
Methylene Chloride
Concen: 9.716 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

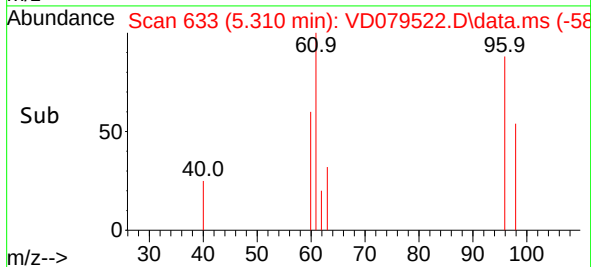
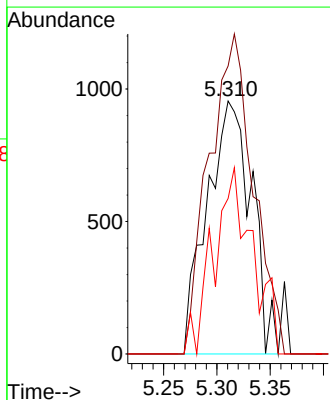
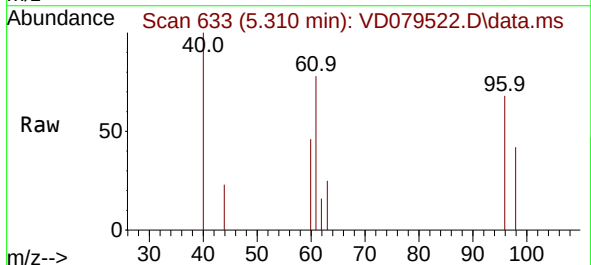
Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12-12.5-072024RE

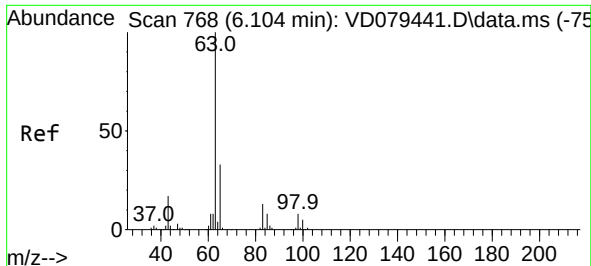
Tgt Ion:	84	Resp:	46228
Ion	Ratio	Lower	Upper
84	100		
49	113.3	75.6	113.4
51	35.2	24.2	36.2
86	62.3	49.2	73.8



#21
trans-1,2-Dichloroethene
Concen: 1.580 ug/l
RT: 5.310 min Scan# 633
Delta R.T. -0.000 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

Tgt Ion:	96	Resp:	2778
Ion	Ratio	Lower	Upper
96	100		
61	113.8	84.5	126.7
98	61.5	50.5	75.7

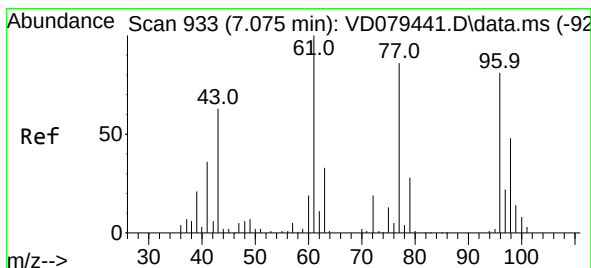
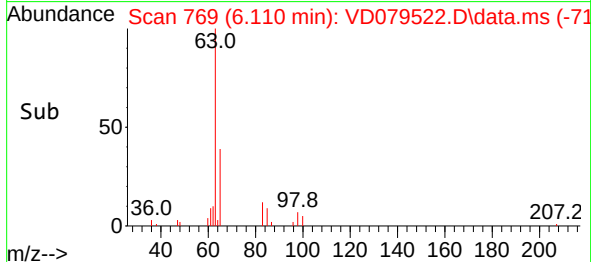
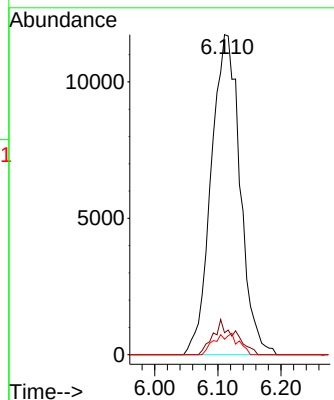
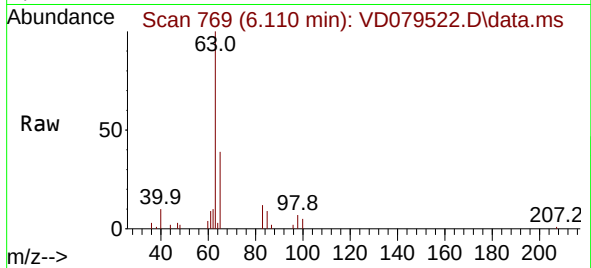




#24
1,1-Dichloroethane
Concen: 12.102 ug/l
RT: 6.110 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

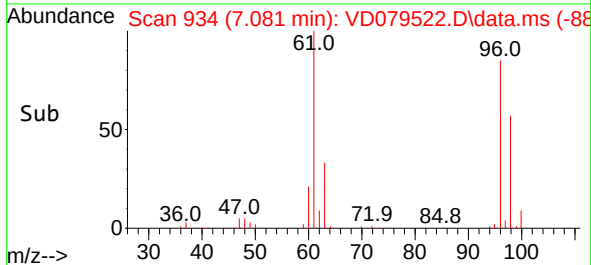
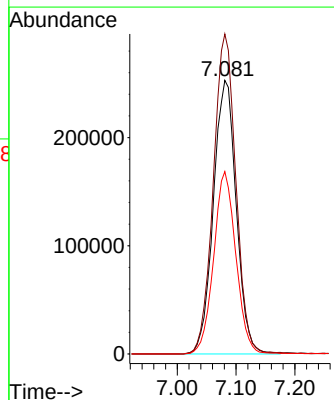
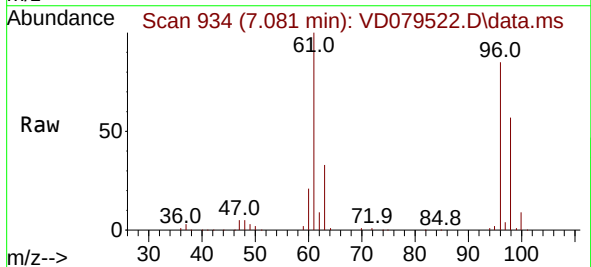
Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12-12.5-072024RE

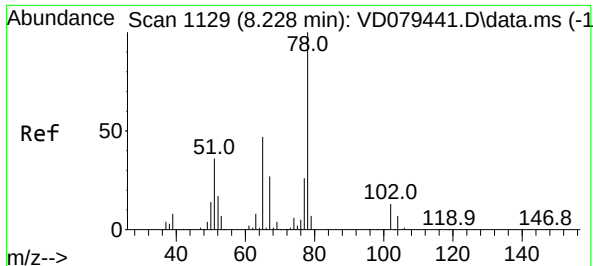
Tgt Ion: 63 Resp: 37283
Ion Ratio Lower Upper
63 100
98 6.9 4.7 14.0
100 4.8 2.9 8.6



#27
cis-1,2-Dichloroethene
Concen: 340.754 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

Tgt Ion: 96 Resp: 684615
Ion Ratio Lower Upper
96 100
61 114.9 0.0 229.0
98 64.6 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 54.886 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079522.D

Acq: 01 Aug 2024 04:58

Instrument :

MSVOA_D

ClientSampleId :

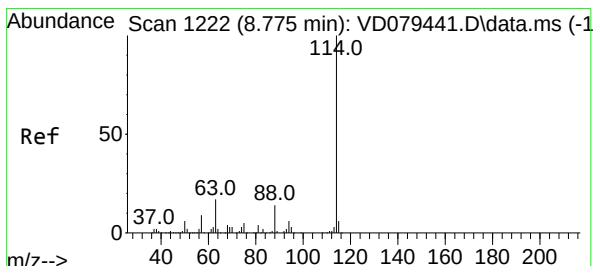
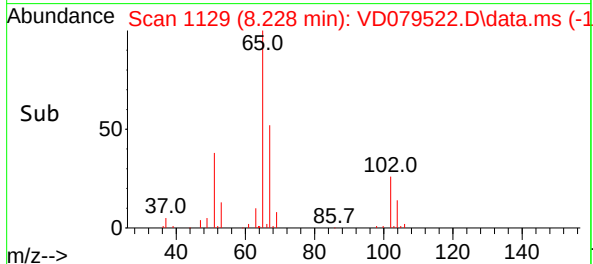
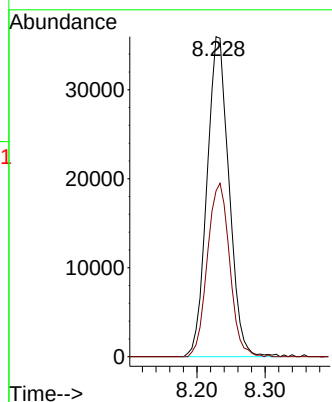
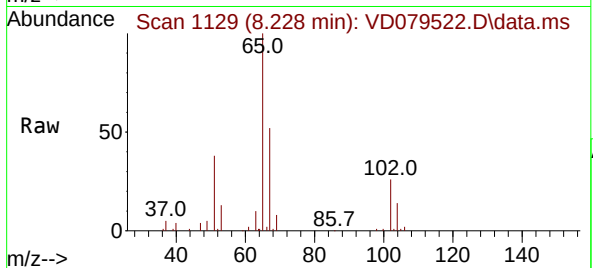
S-864-K2-SO-12-12.5-072024RE

Tgt Ion: 65 Resp: 80745

Ion Ratio Lower Upper

65 100

67 54.7 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079522.D

Acq: 01 Aug 2024 04:58

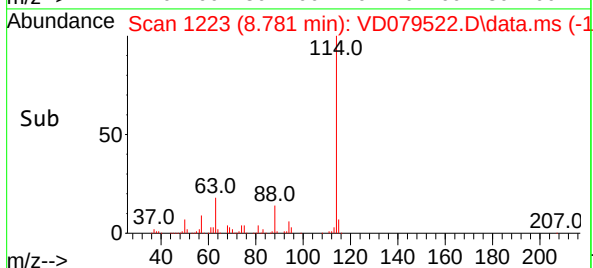
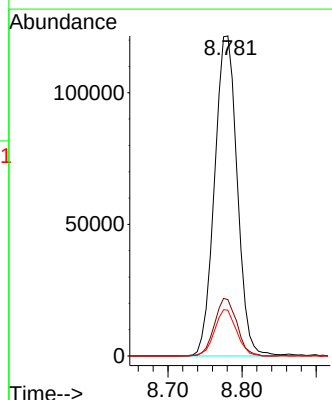
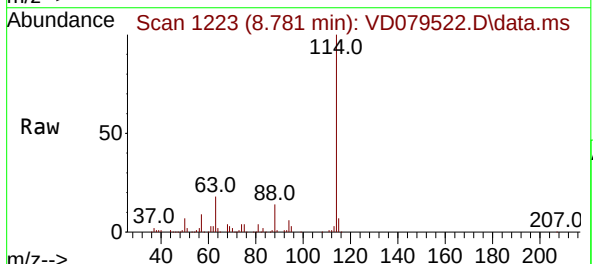
Tgt Ion: 114 Resp: 258138

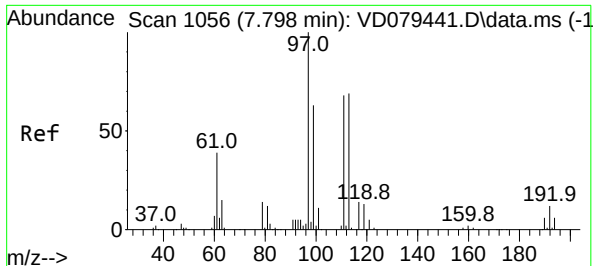
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.924 ug/l

RT: 7.804 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VD079522.D

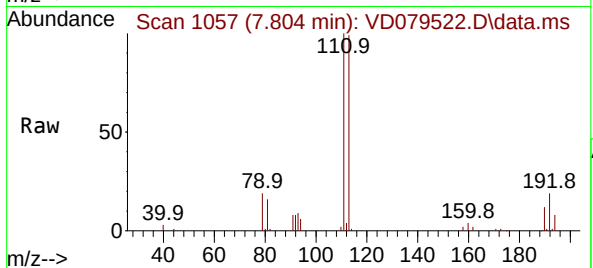
Acq: 01 Aug 2024 04:58

Instrument :

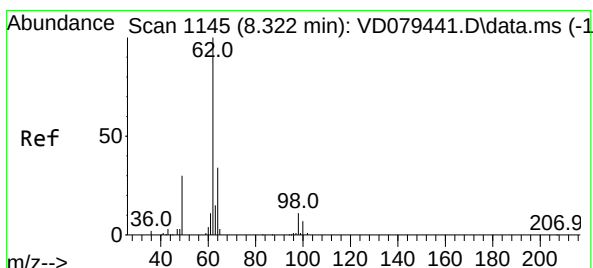
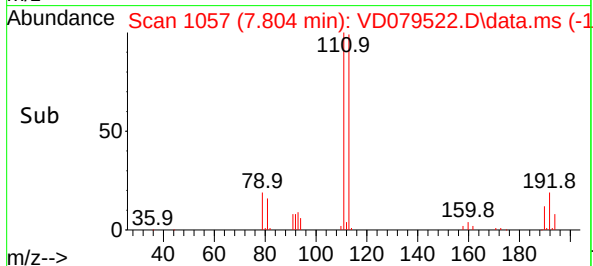
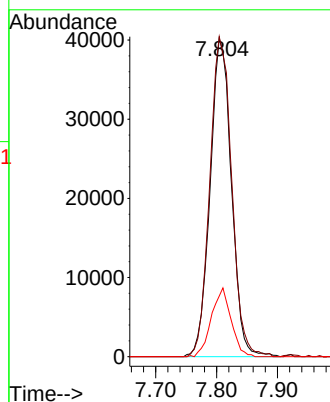
MSVOA_D

ClientSampleId :

S-864-K2-SO-12-12.5-072024RE



Tgt Ion:	113	Resp:	97711
Ion	Ratio	Lower	Upper
113	100		
111	103.3	84.0	126.0
192	20.0	15.4	23.0



#42

1,2-Dichloroethane

Concen: 1.971 ug/l

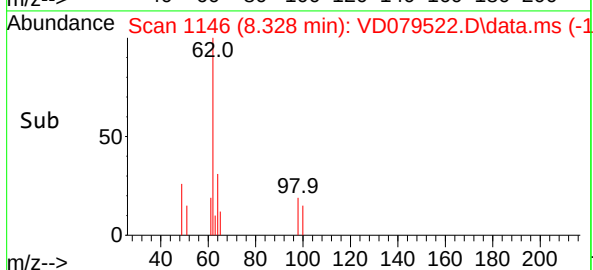
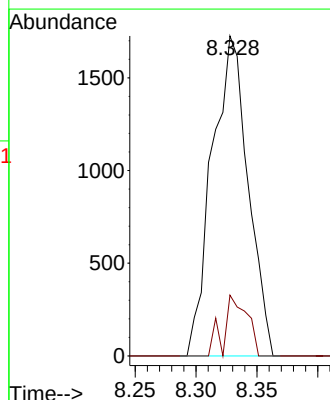
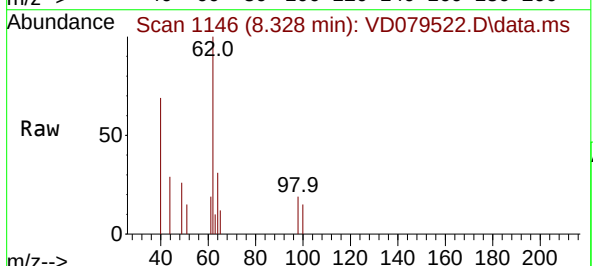
RT: 8.328 min Scan# 1146

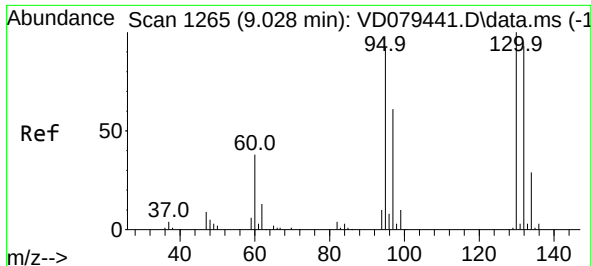
Delta R.T. 0.006 min

Lab File: VD079522.D

Acq: 01 Aug 2024 04:58

Tgt Ion:	62	Resp:	3558
Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	25.8

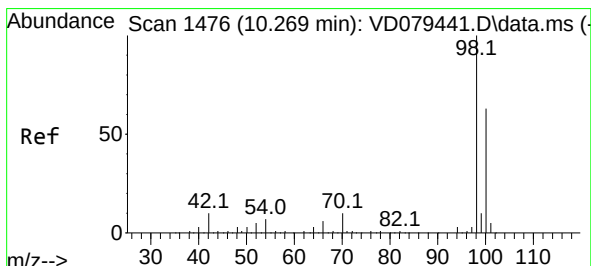
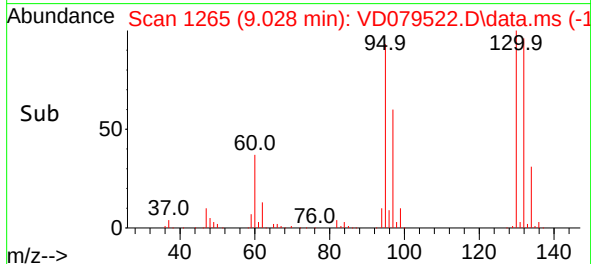
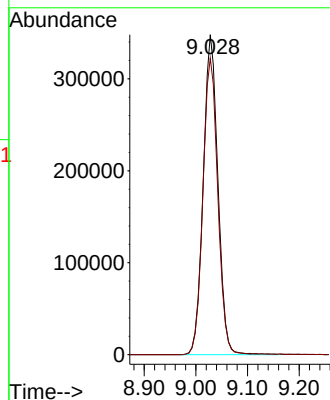
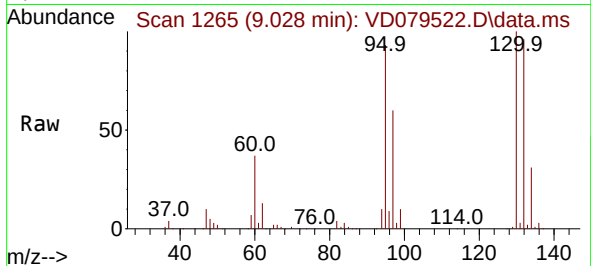




#44
Trichloroethene
Concen: 364.006 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

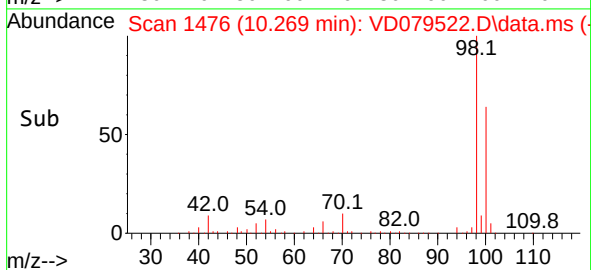
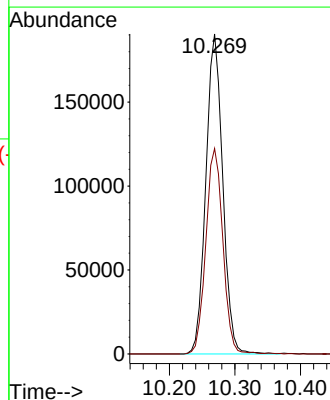
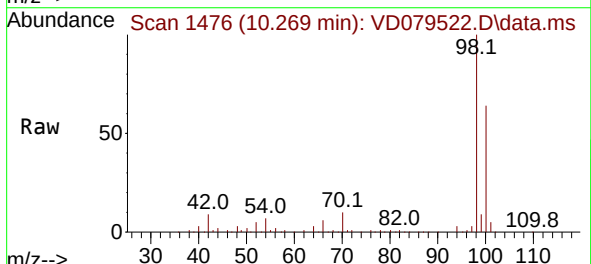
Instrument :
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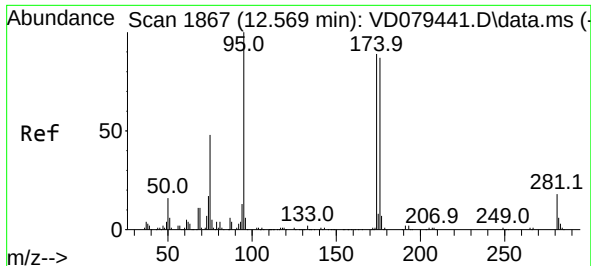
Tgt Ion:130 Resp: 686337
Ion Ratio Lower Upper
130 100
95 92.6 0.0 177.8



#50
Toluene-d8
Concen: 50.297 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

Tgt Ion: 98 Resp: 341265
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4

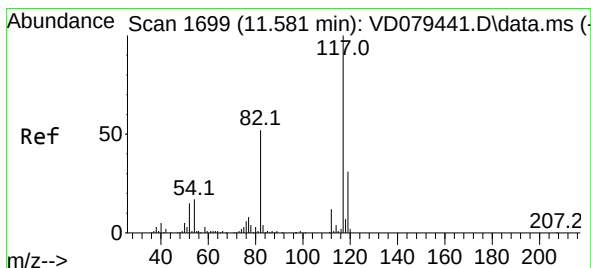
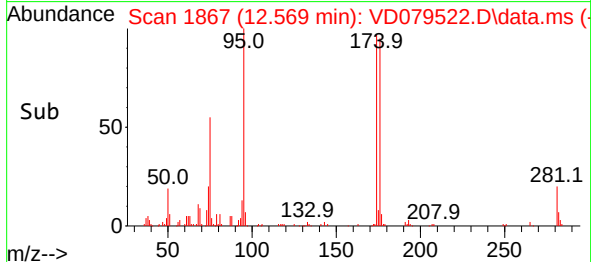
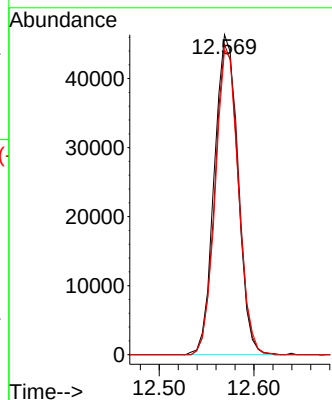
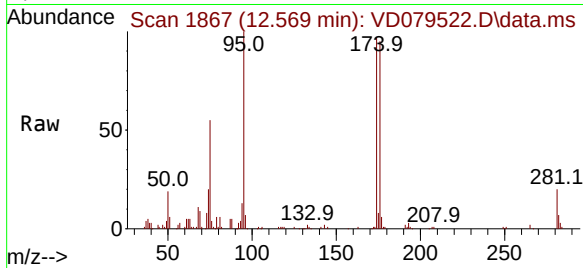




#62
4-Bromofluorobenzene
Concen: 40.535 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

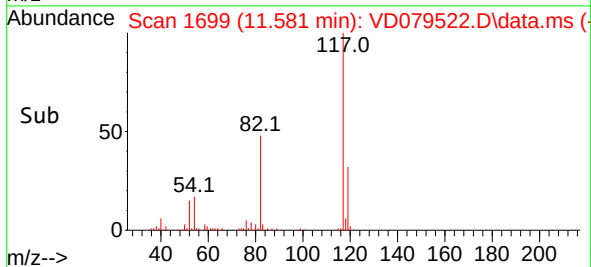
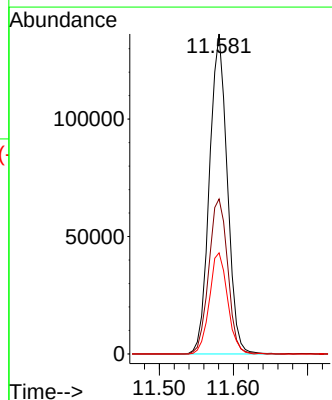
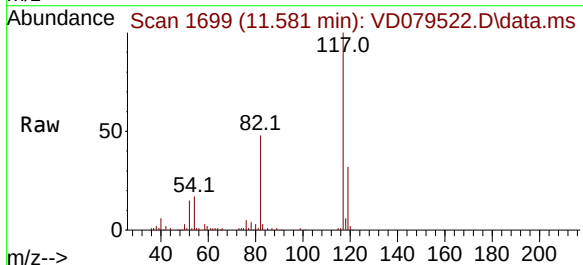
Instrument : MSVOA_D
ClientSampleId : S-864-K2-SO-12-12.5-072024RE

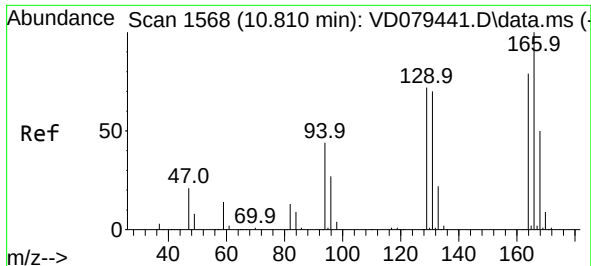
Tgt Ion:	95	Resp:	79588
Ion	Ratio	Lower	Upper
95	100		
174	97.3	0.0	195.4
176	94.1	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

Tgt Ion:	117	Resp:	227324
Ion	Ratio	Lower	Upper
117	100		
82	48.5	39.8	59.6
119	31.6	25.7	38.5

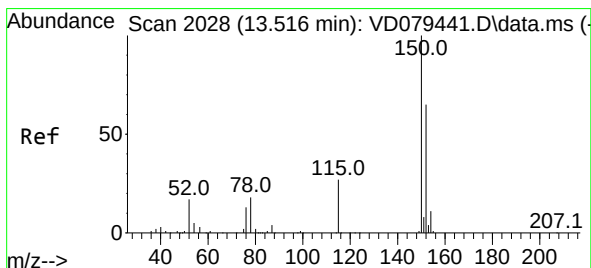
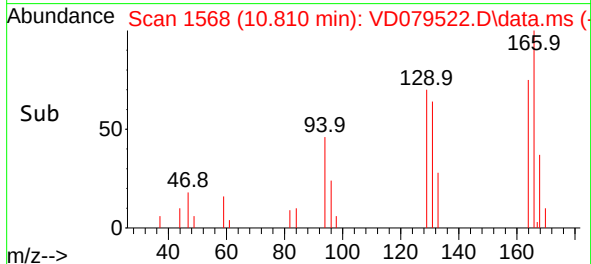
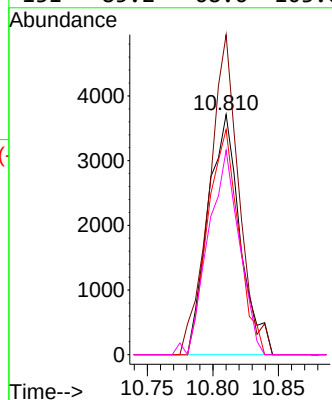
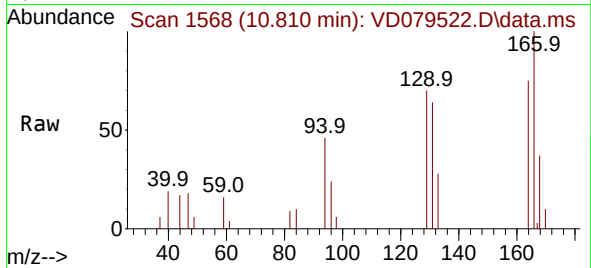




#64
Tetrachloroethene
Concen: 4.134 ug/l
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079522.D
Acq: 01 Aug 2024 04:58

Instrument :
MSVOA_D
ClientSampleId :
S-864-K2-SO-12-12.5-072024RE

Tgt Ion:164 Resp: 6337
Ion Ratio Lower Upper
164 100
166 133.2 108.6 163.0
129 93.7 74.6 112.0
131 85.2 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: VD079522.D
Acq: 01 Aug 2024 04:58

Tgt Ion:152 Resp: 90832
Ion Ratio Lower Upper
152 100
115 52.4 26.5 79.5
150 156.6 0.0 341.6

