

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079513.D
 Acq On : 01 Aug 2024 00:52
 Operator : RP/MD
 Sample : P3374-11
 Misc : 8.44G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-13.5-14-072024

Quant Time: Aug 01 02:55:24 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)

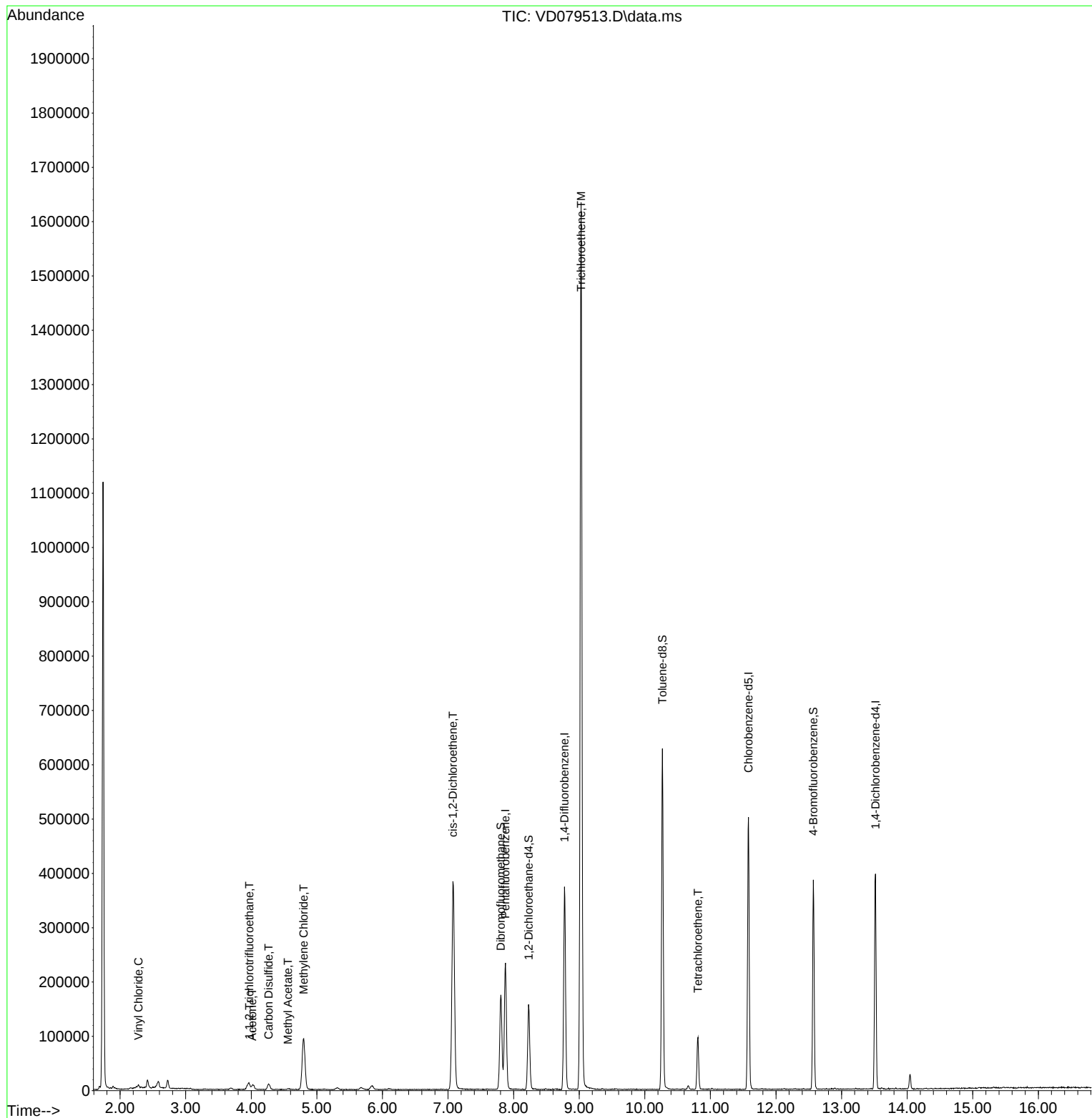
Internal Standards						
1) Pentafluorobenzene	7.875	168	187922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	343051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	118693	62.172	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.340%	
35) Dibromofluoromethane	7.805	113	128169	55.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.400%	
50) Toluene-d8	10.269	98	437943	48.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.140%	
62) 4-Bromofluorobenzene	12.569	95	103362	39.613	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.220%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.281	62	4474	1.387	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	8476	4.177	ug/l	92
16) Acetone	4.017	43	15352	41.378	ug/l	94
17) Carbon Disulfide	4.264	76	21995	3.282	ug/l	100
18) Methyl Acetate	4.558	43	3276	2.844	ug/l #	61
20) Methylene Chloride	4.799	84	77291	19.613	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	257101	98.610	ug/l	100
44) Trichloroethene	9.028	130	617863	246.579	ug/l	92
64) Tetrachloroethene	10.810	164	22596	10.922	ug/l	93

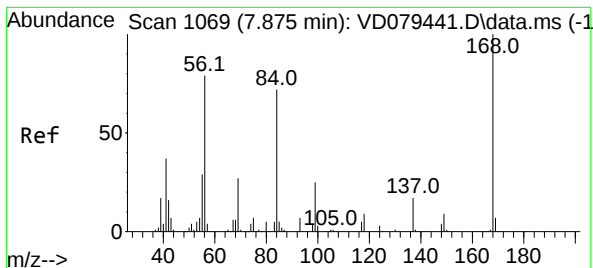
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

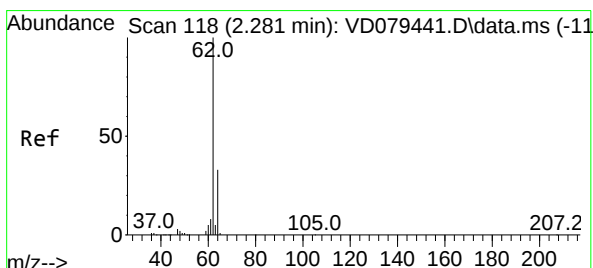
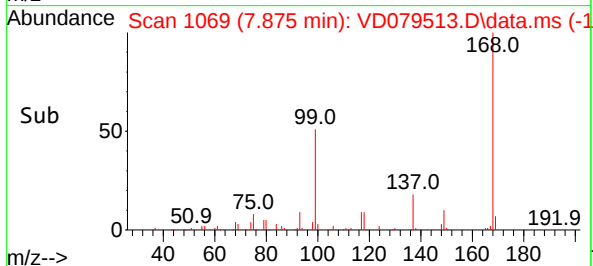
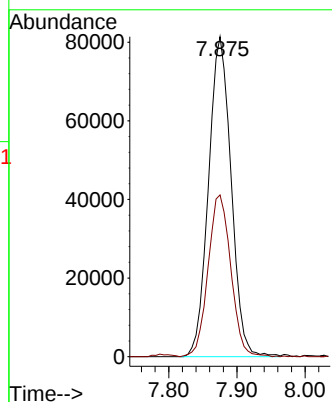
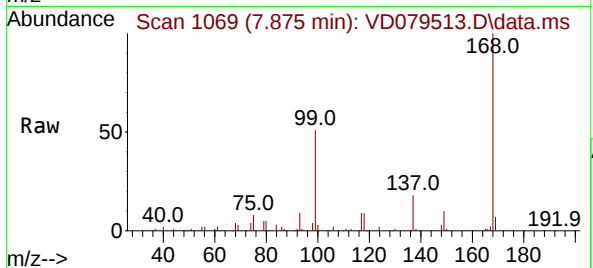




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

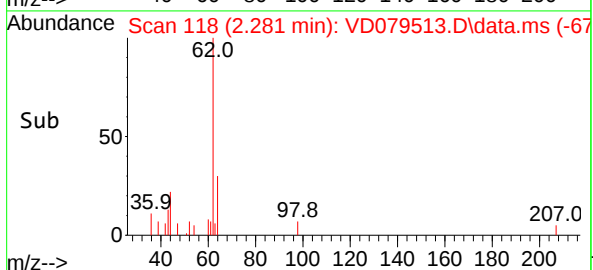
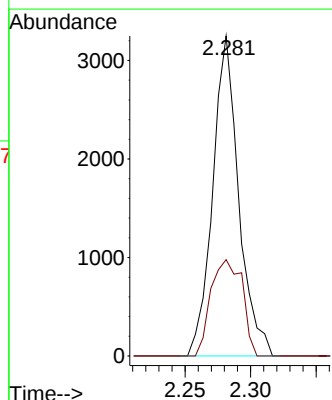
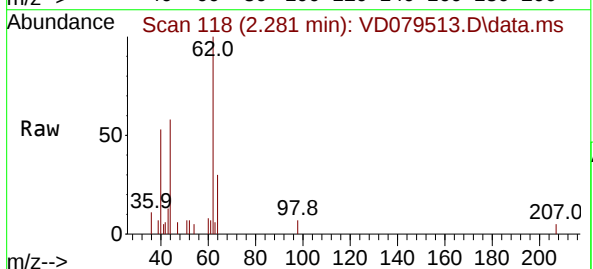
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-13.5-14-072024

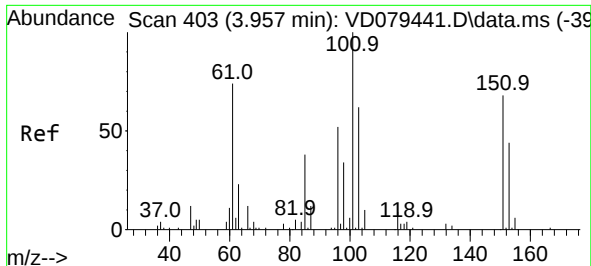
Tgt Ion:168 Resp: 187922
Ion Ratio Lower Upper
168 100
99 50.6 41.1 61.7



#4
Vinyl Chloride
Concen: 1.387 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

Tgt Ion: 62 Resp: 4474
Ion Ratio Lower Upper
62 100
64 30.1 26.3 39.5

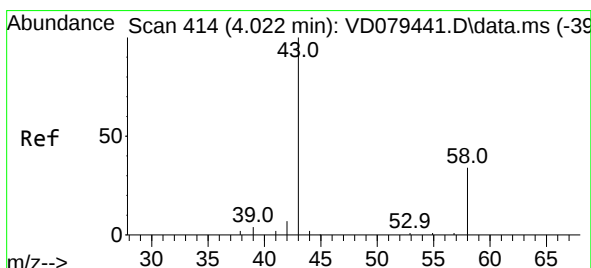
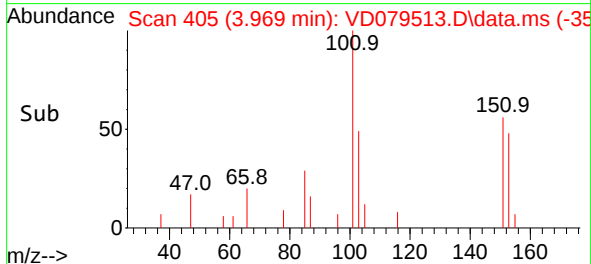
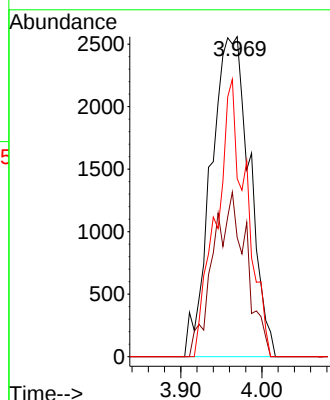
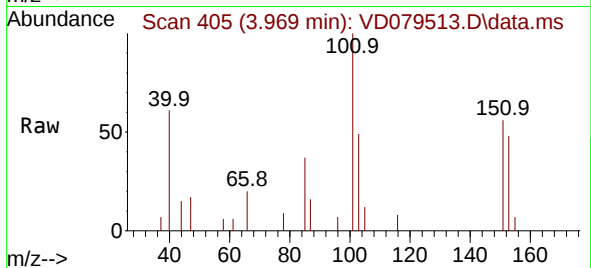




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.177 ug/l
RT: 3.969 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

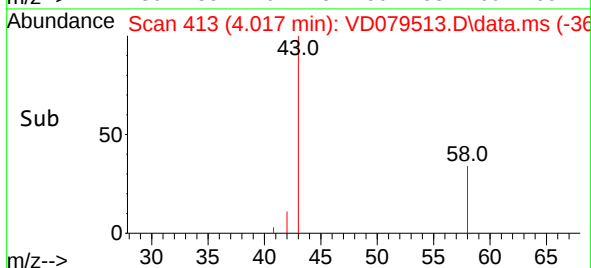
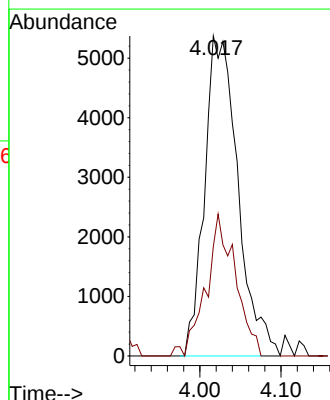
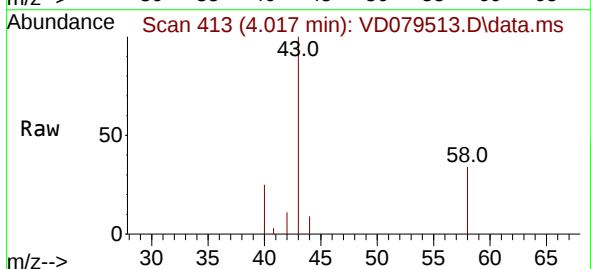
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-13.5-14-072024

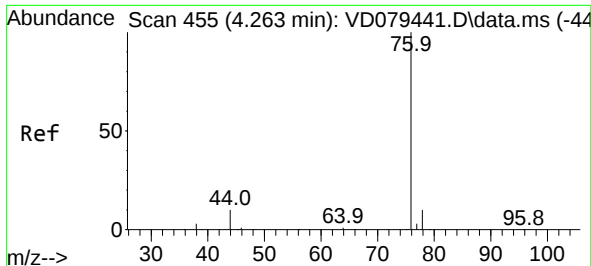
Tgt Ion:101 Resp: 8476
Ion Ratio Lower Upper
101 100
85 44.4 33.5 50.3
151 67.1 60.3 90.5



#16
Acetone
Concen: 41.378 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

Tgt Ion: 43 Resp: 15352
Ion Ratio Lower Upper
43 100
58 34.2 30.4 45.6

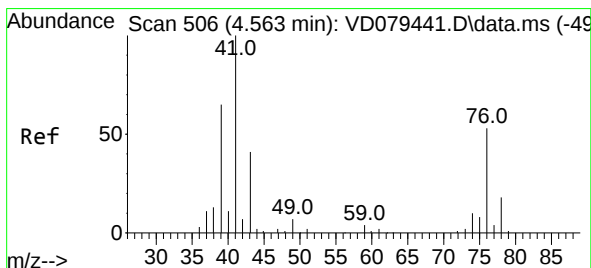
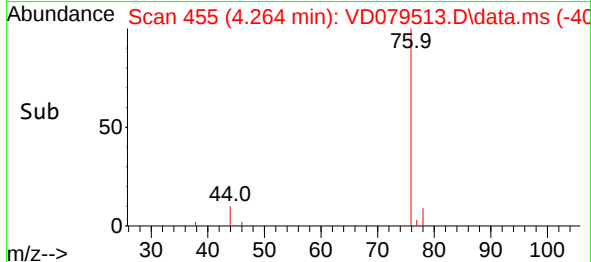
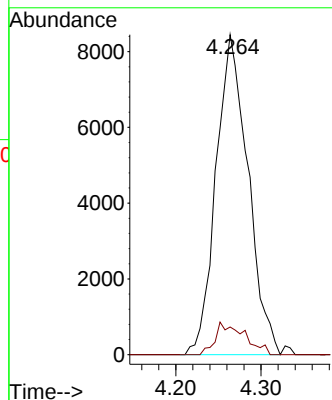
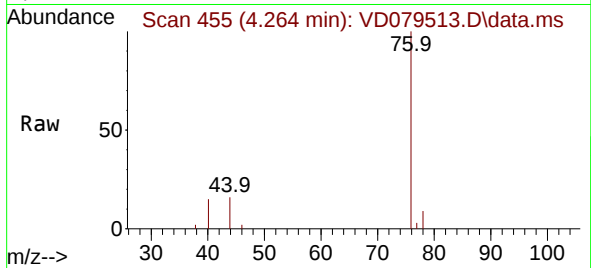




#17
Carbon Disulfide
Concen: 3.282 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

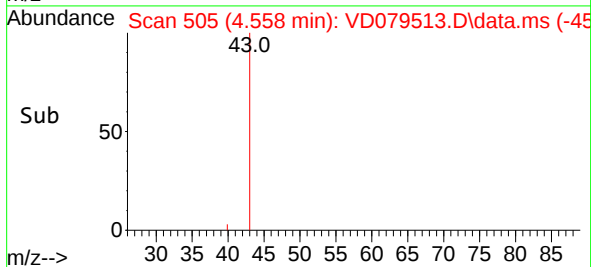
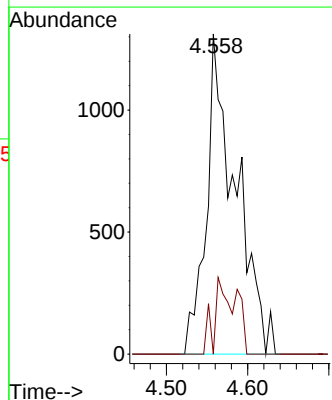
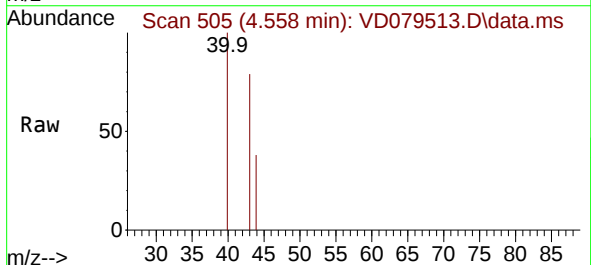
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-13.5-14-072024

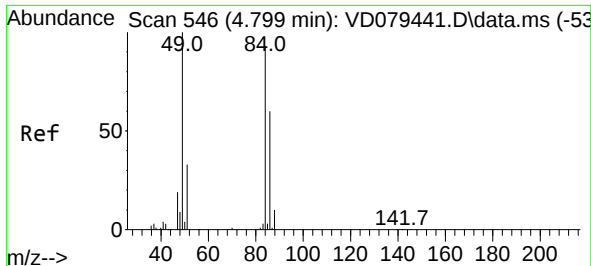
Tgt Ion: 76 Resp: 21995
Ion Ratio Lower Upper
76 100
78 8.7 6.9 10.3



#18
Methyl Acetate
Concen: 2.844 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

Tgt Ion: 43 Resp: 3276
Ion Ratio Lower Upper
43 100
74 12.3 28.1 42.1#

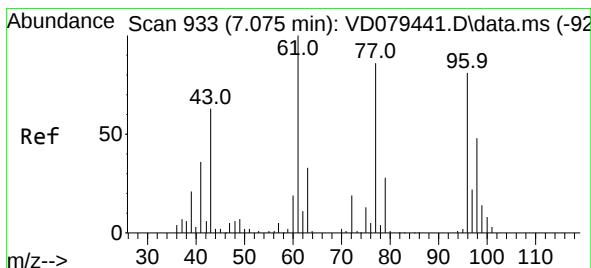
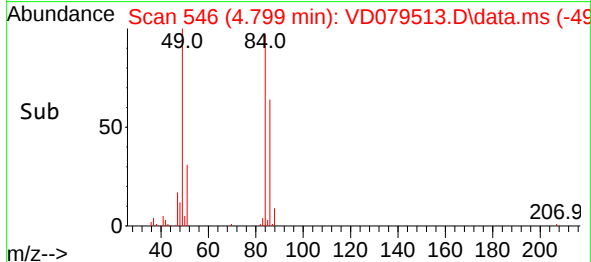
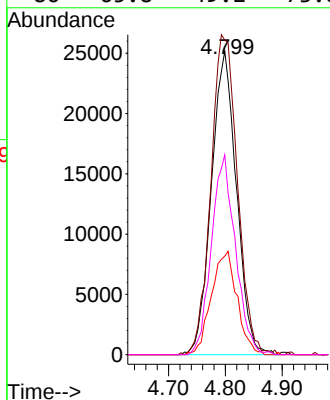
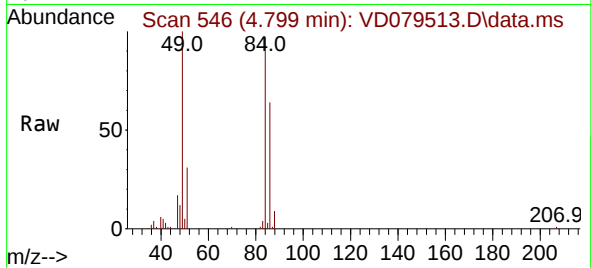




#20
Methylene Chloride
Concen: 19.613 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

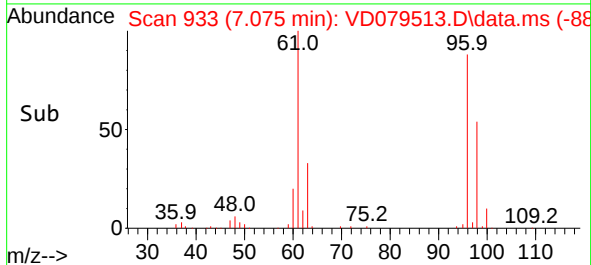
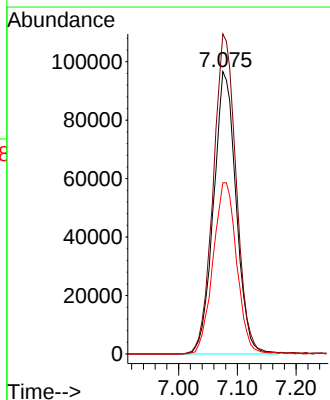
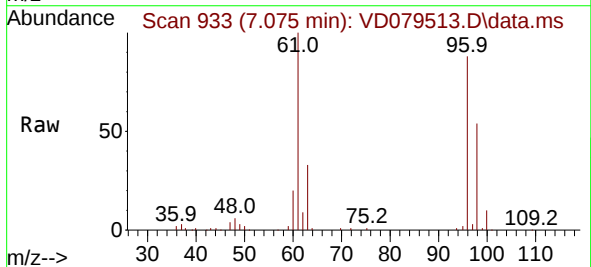
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-13.5-14-072024

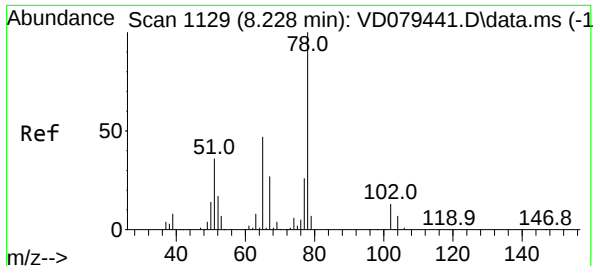
Tgt Ion:	84	Resp:	77291
Ion	Ratio	Lower	Upper
84	100		
49	103.6	75.6	113.4
51	32.5	24.2	36.2
86	65.8	49.2	73.8



#27
cis-1,2-Dichloroethene
Concen: 98.610 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

Tgt Ion:	96	Resp:	257101
Ion	Ratio	Lower	Upper
96	100		
61	115.2	0.0	229.0
98	63.7	0.0	127.2





#33

1,2-Dichloroethane-d4

Concen: 62.172 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079513.D

Acq: 01 Aug 2024 00:52

Instrument :

MSVOA_D

ClientSampleId :

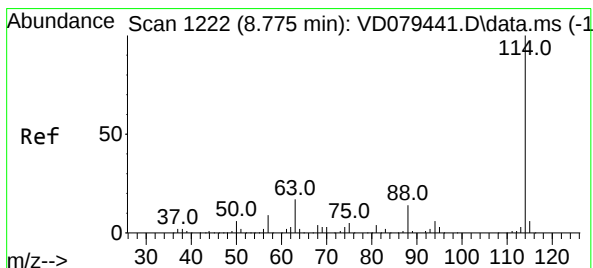
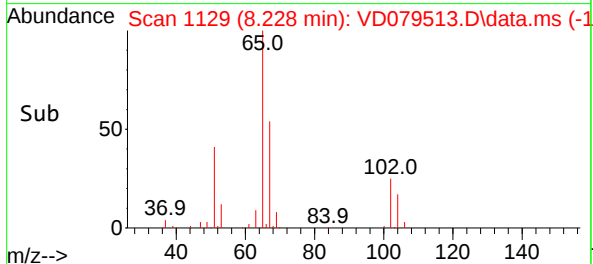
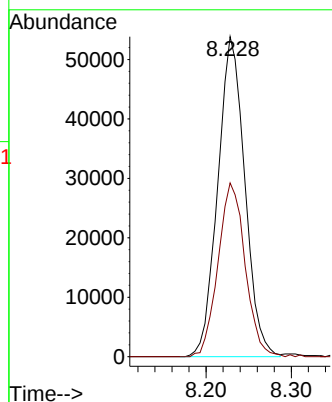
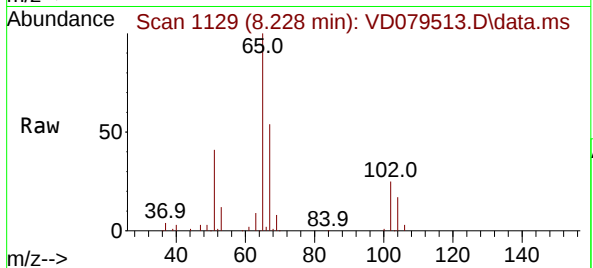
S-862-K2-SO-13.5-14-072024

Tgt Ion: 65 Resp: 118693

Ion Ratio Lower Upper

65 100

67 54.3 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079513.D

Acq: 01 Aug 2024 00:52

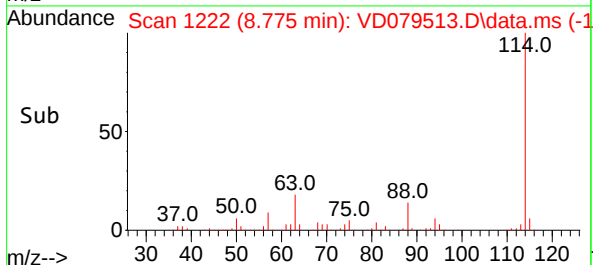
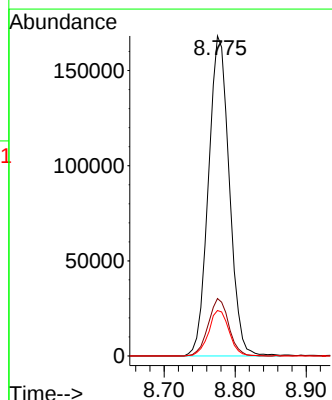
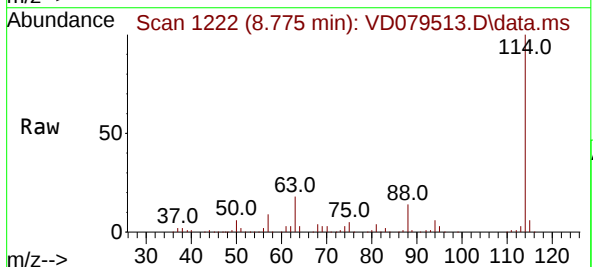
Tgt Ion: 114 Resp: 343051

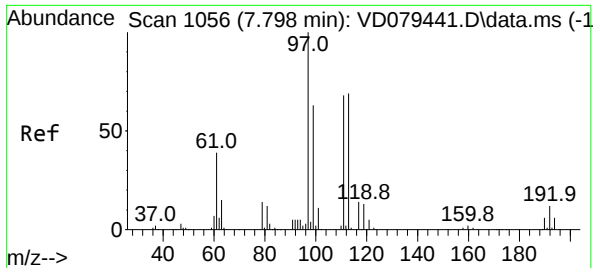
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 14.2 0.0 27.2

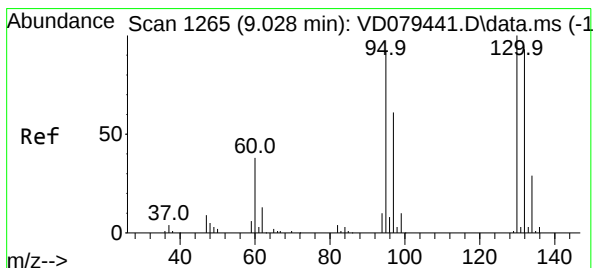
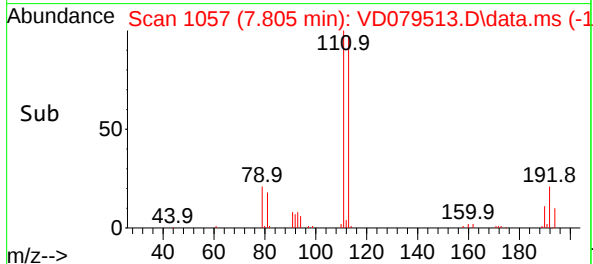
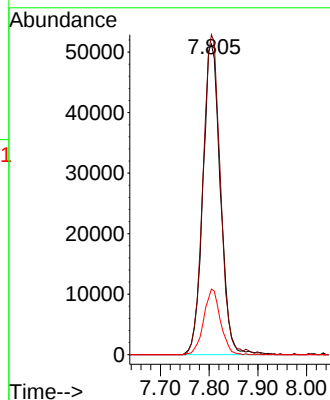
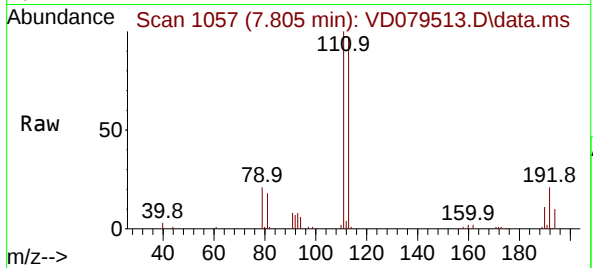




#35
Dibromofluoromethane
Concen: 55.199 ug/l
RT: 7.805 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

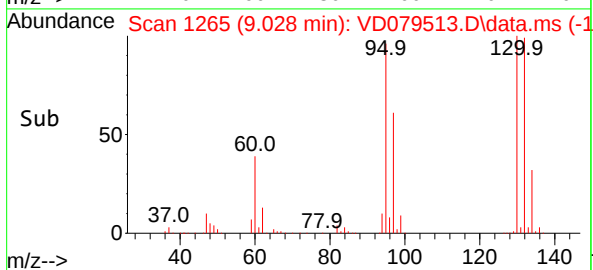
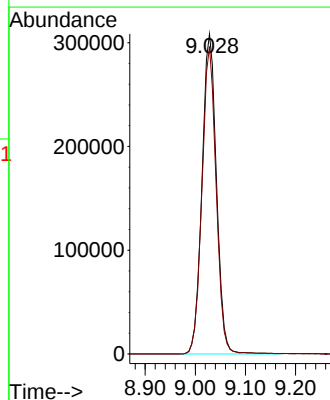
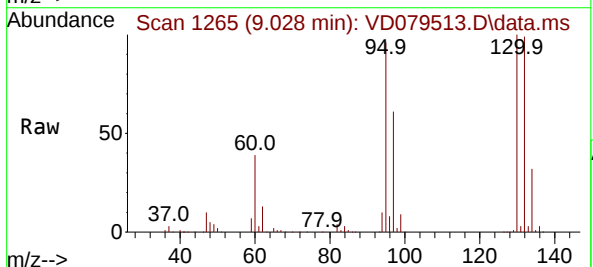
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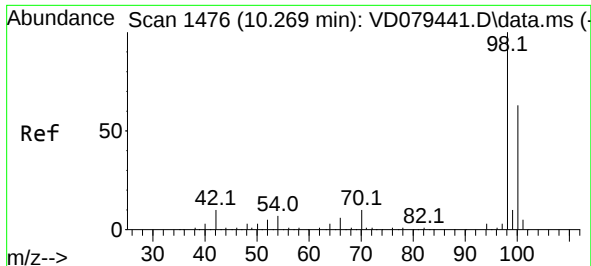
Tgt Ion:113 Resp: 128169
Ion Ratio Lower Upper
113 100
111 102.7 84.0 126.0
192 20.2 15.4 23.0



#44
Trichloroethene
Concen: 246.579 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

Tgt Ion:130 Resp: 617863
Ion Ratio Lower Upper
130 100
95 96.0 0.0 177.8

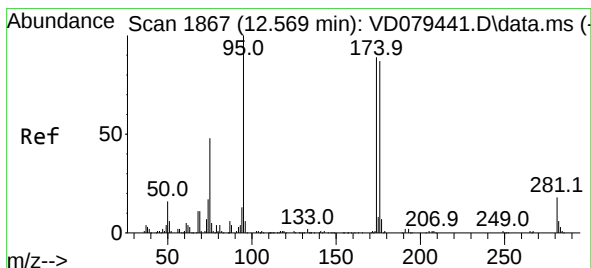
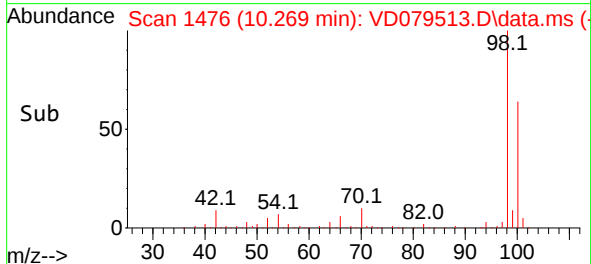
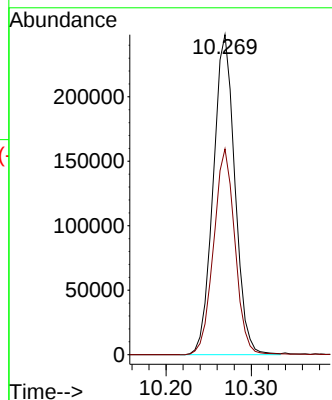
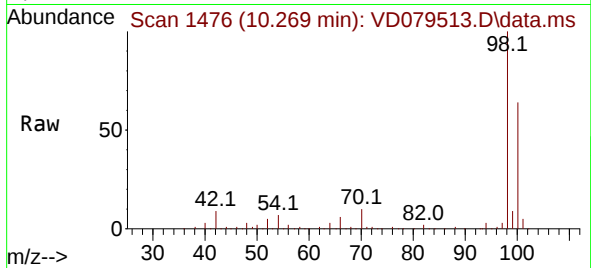




#50
Toluene-d8
Concen: 48.569 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

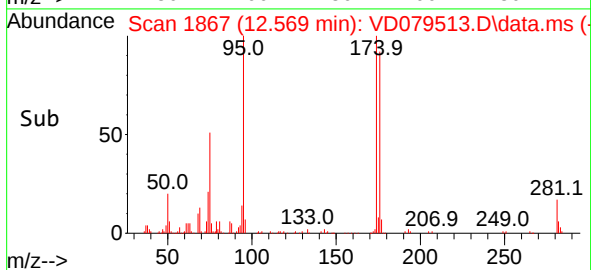
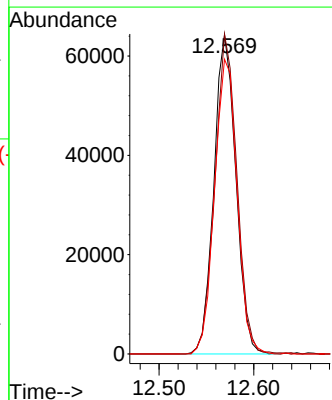
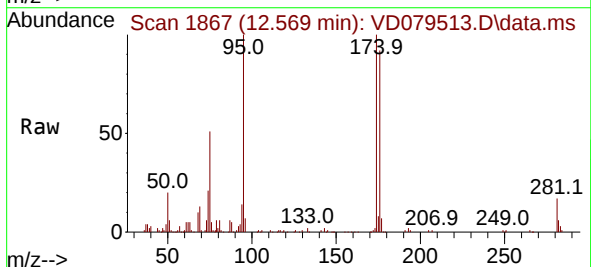
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S-862-K2-SO-13.5-14-072024

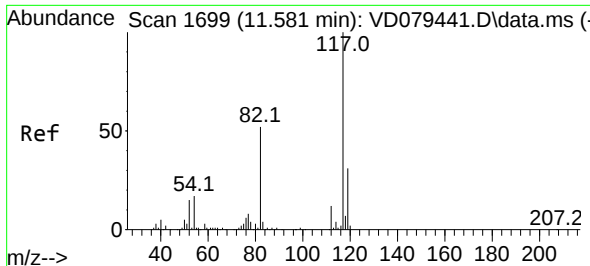
Tgt Ion: 98 Resp: 437943
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 39.613 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

Tgt Ion: 95 Resp: 103362
Ion Ratio Lower Upper
95 100
174 100.7 0.0 195.4
176 95.0 0.0 192.6

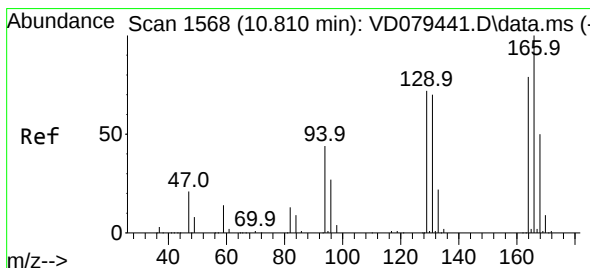
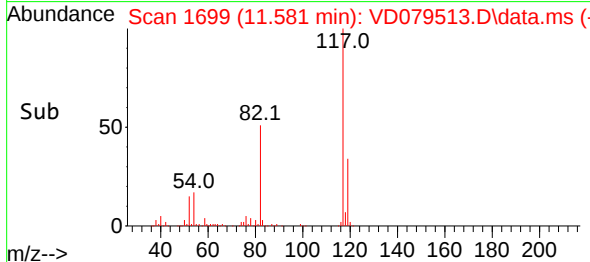
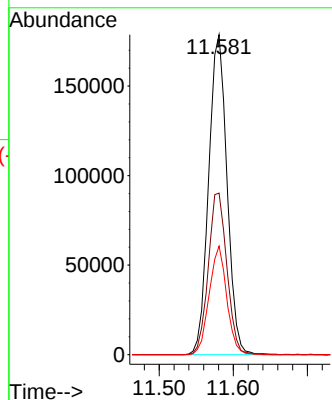
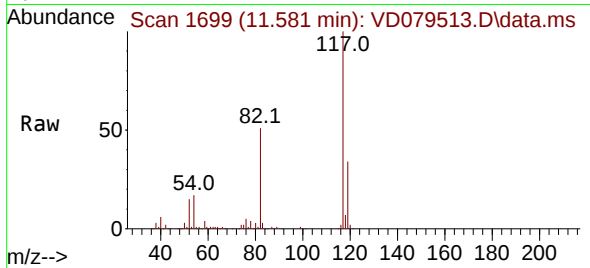




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

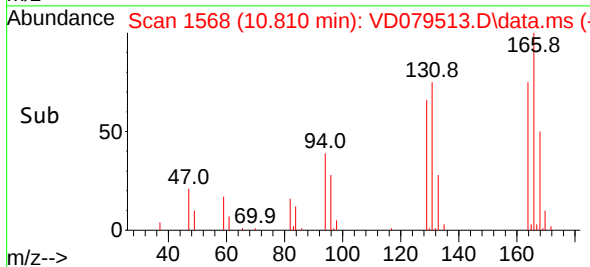
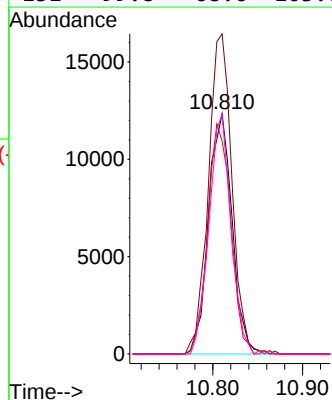
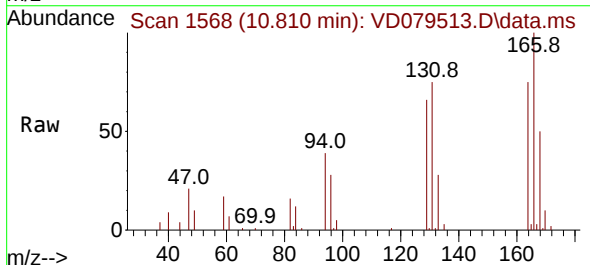
Instrument :
MSVOA_D
ClientSampleId :
S-862-K2-SO-13.5-14-072024

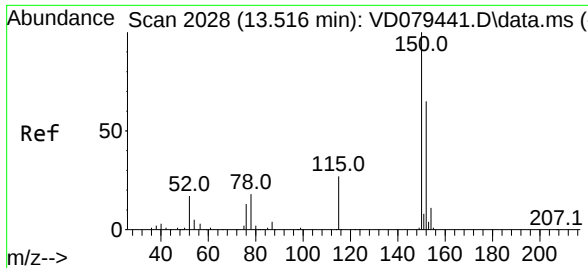
Tgt Ion:	117	Resp:	306810
Ion	Ratio	Lower	Upper
117	100		
82	50.5	39.8	59.6
119	34.0	25.7	38.5



#64
Tetrachloroethene
Concen: 10.922 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD079513.D
Acq: 01 Aug 2024 00:52

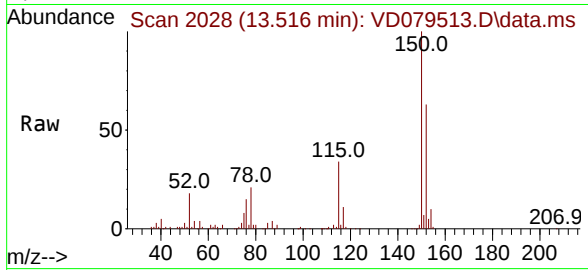
Tgt Ion:	164	Resp:	22596
Ion	Ratio	Lower	Upper
164	100		
166	133.3	108.6	163.0
129	88.5	74.6	112.0
131	99.8	68.6	103.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079513.D
 Acq: 01 Aug 2024 00:52

Instrument :
 MSVOA_D
 ClientSampleId :
 S-862-K2-SO-13.5-14-072024



Tgt Ion:152 Resp: 116163

Ion	Ratio	Lower	Upper
152	100		
115	53.0	26.5	79.5
150	154.9	0.0	341.6

