

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079315.D
 Acq On : 02 Jul 2024 13:30
 Operator : RP/MD
 Sample : P3127-07
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-770-772

Quant Time: Jul 03 01:21:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	122703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	245912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	220743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	71694	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	64975	54.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.040%
35) Dibromofluoromethane	7.805	113	75076	46.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.020%
50) Toluene-d8	10.269	98	211934	36.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	73.000%
62) 4-Bromofluorobenzene	12.575	95	63362	34.027	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.060%

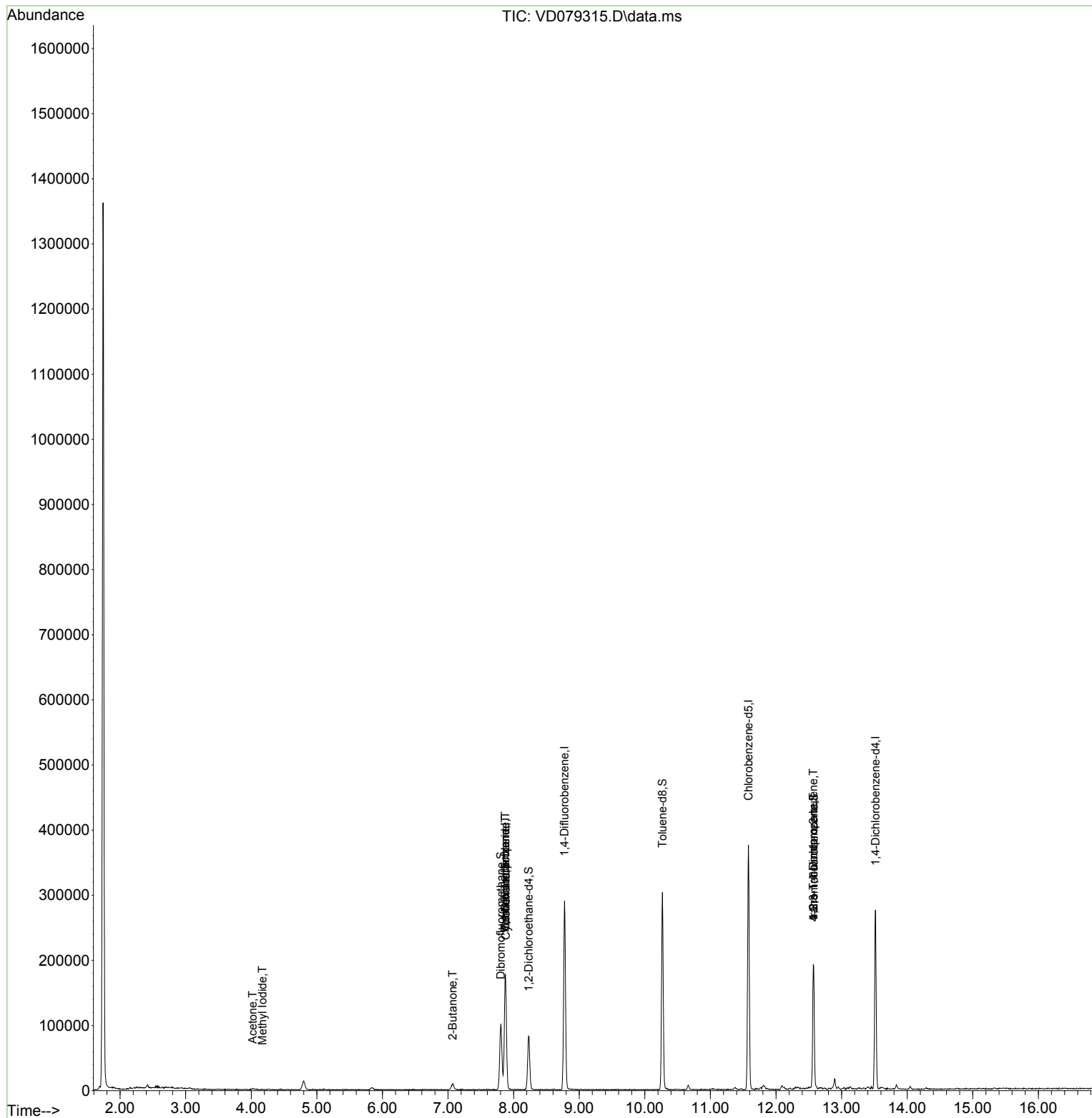
Target Compounds					Qvalue
5) Bromomethane	2.693	94	930	Below Cal	92
10) Methyl Iodide	4.169	142	217	6.255 ug/l #	79
16) Acetone	4.022	43	2314	7.946 ug/l	96
20) Methylene Chloride	4.799	84	10706	Below Cal	94
25) 2-Butanone	7.069	43	534	1.316 ug/l #	42
31) Cyclohexane	7.881	56	3242	1.243 ug/l #	4
36) 1,1-Dichloropropene	7.875	75	12144	4.842 ug/l #	45
38) Carbon Tetrachloride	7.875	117	14317	5.622 ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	32969	45.951 ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	32969	85.268 ug/l #	19

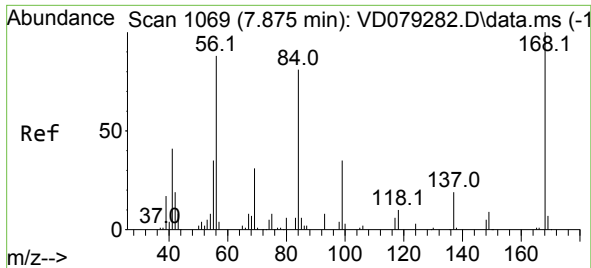
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BP-VPB-196-GW-770-772

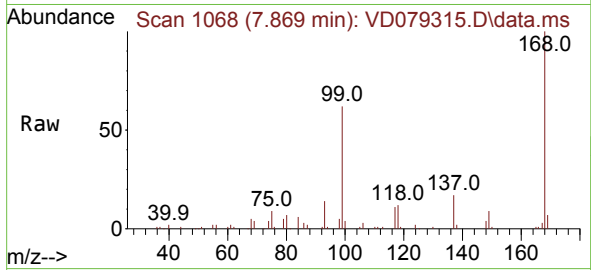
Quant Time: Jul 03 01:21:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



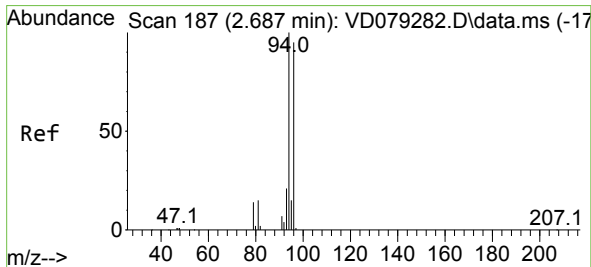
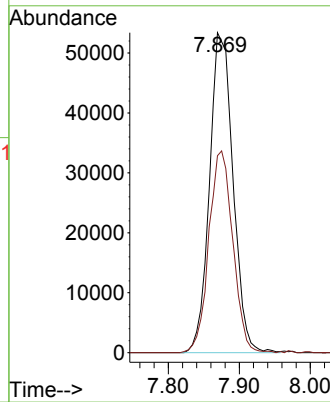
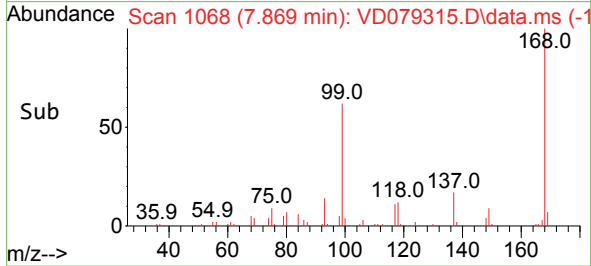


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

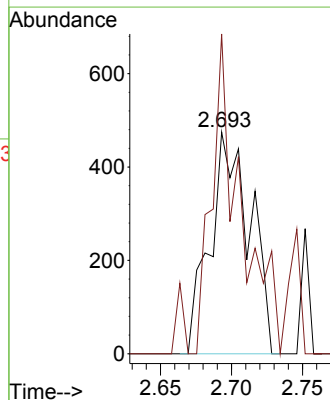
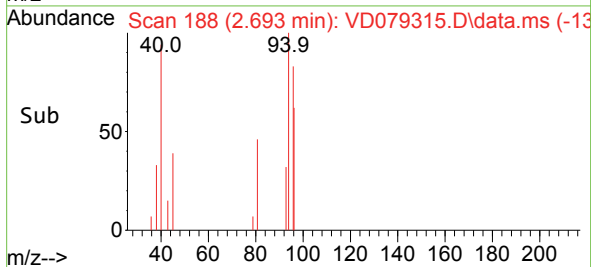
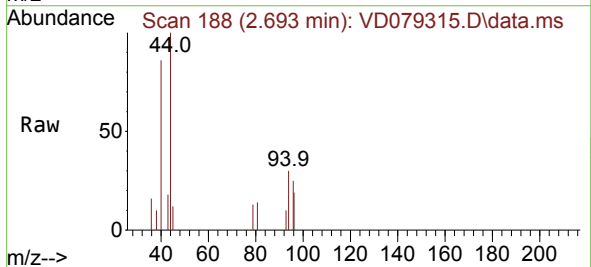


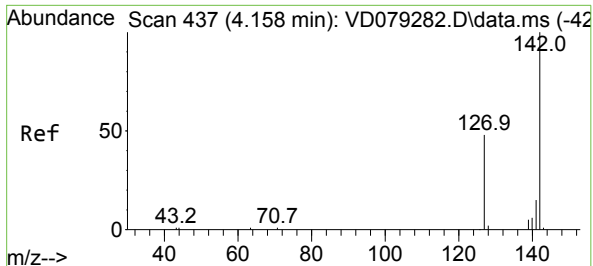
Tgt Ion:168 Resp: 122703
Ion Ratio Lower Upper
168 100
99 61.6 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.035 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Tgt Ion: 94 Resp: 930
Ion Ratio Lower Upper
94 100
96 104.2 76.9 115.3

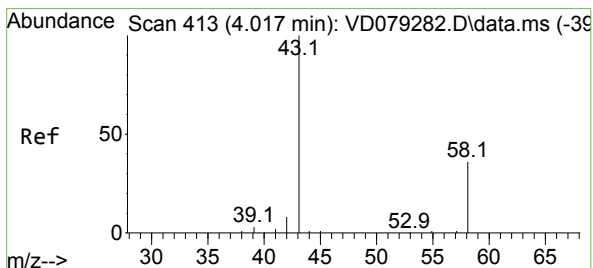
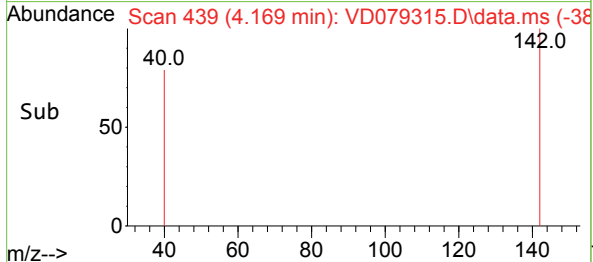
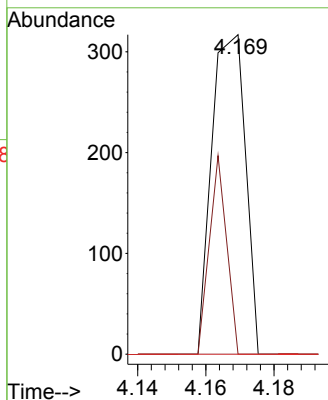
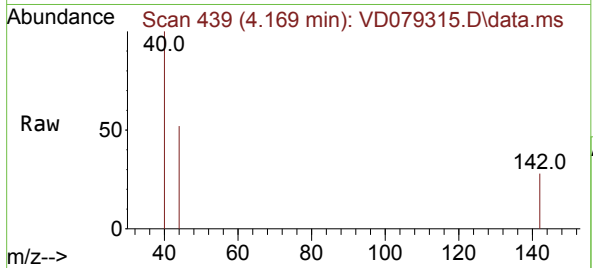




#10
Methyl Iodide
Concen: 6.255 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

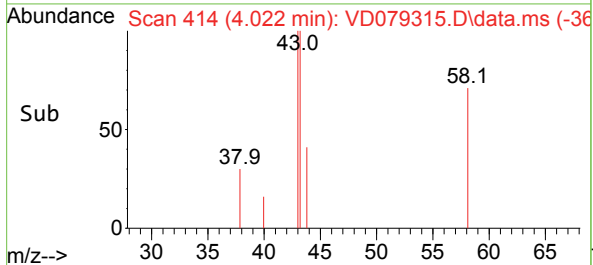
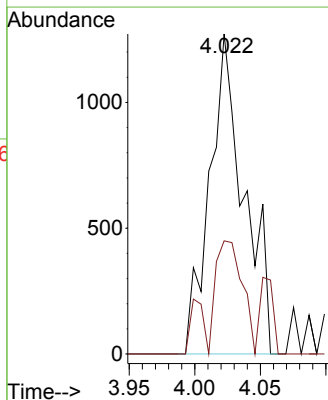
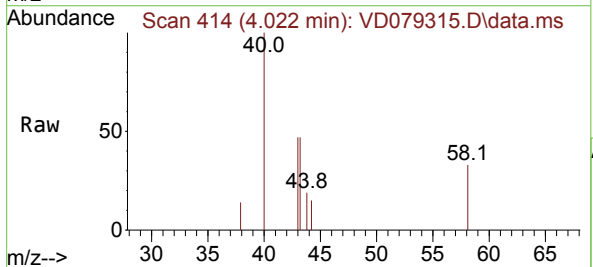
Instrument :
MSVOA_D
ClientSampleId :
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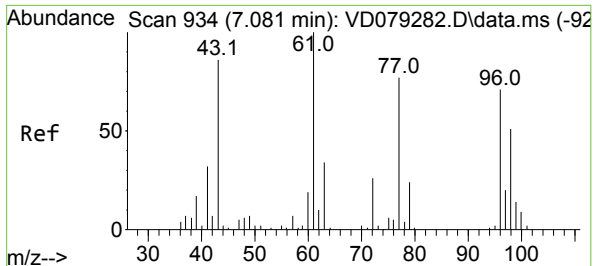
Tgt Ion:142 Resp: 217
Ion Ratio Lower Upper
142 100
127 32.3 34.2 51.4#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 7.946 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

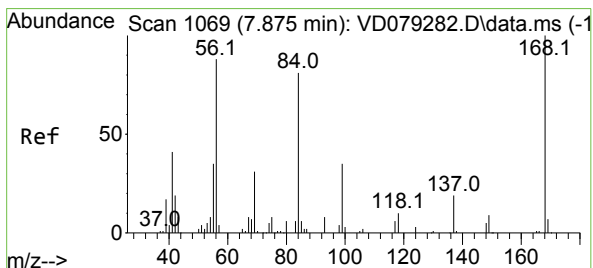
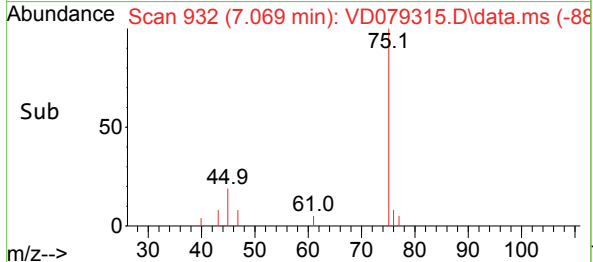
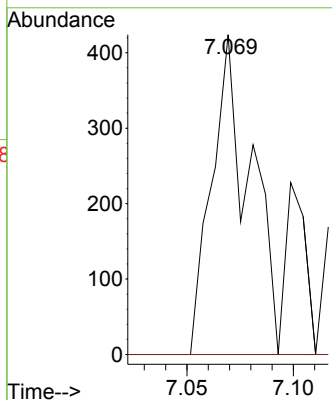
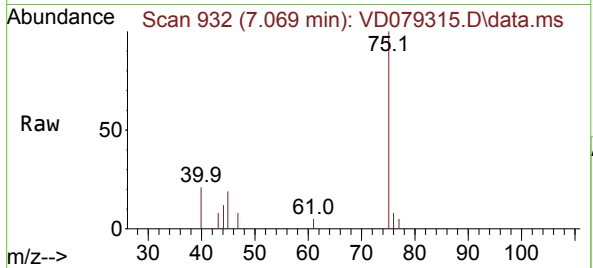




#25
2-Butanone
Concen: 1.316 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

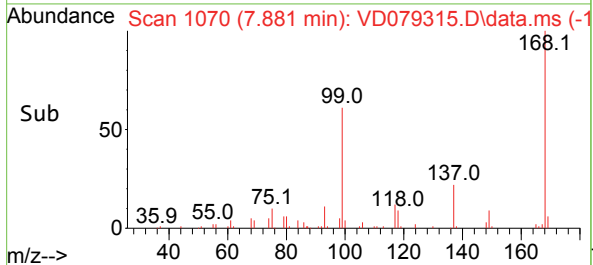
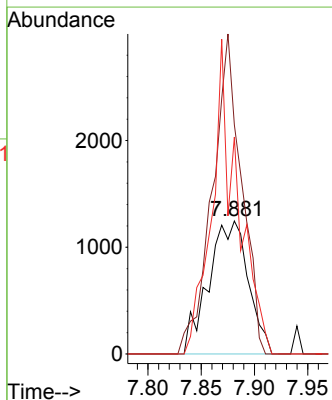
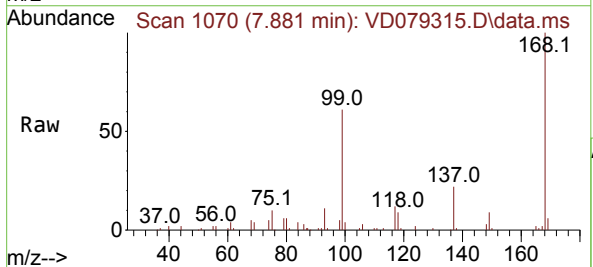
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

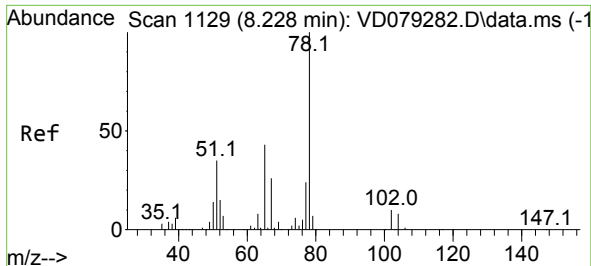
Tgt Ion: 43 Resp: 534
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Tgt Ion: 56 Resp: 3242
Ion Ratio Lower Upper
56 100
69 172.3 28.0 42.0#
84 163.2 87.4 131.0#

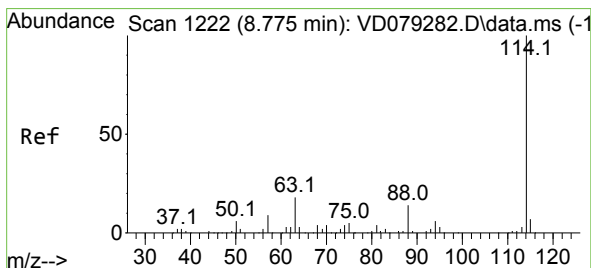
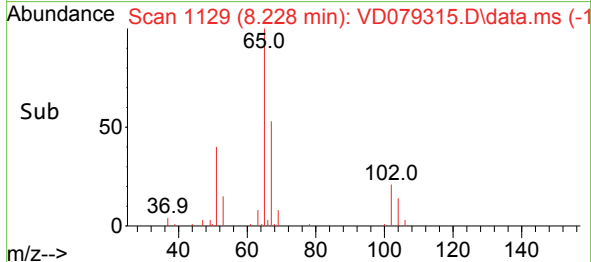
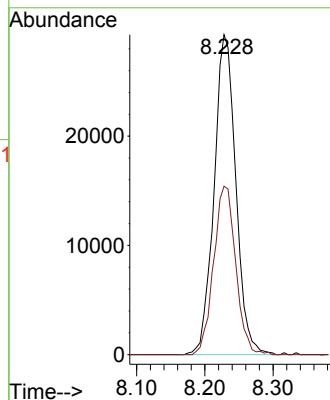
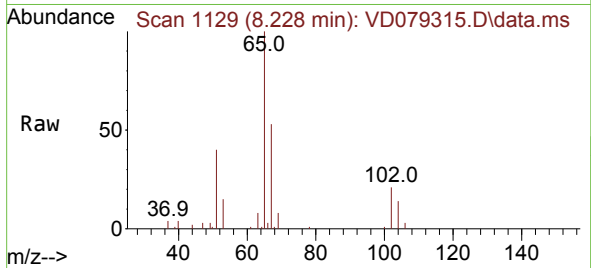




#33
1,2-Dichloroethane-d4
Concen: 54.518 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

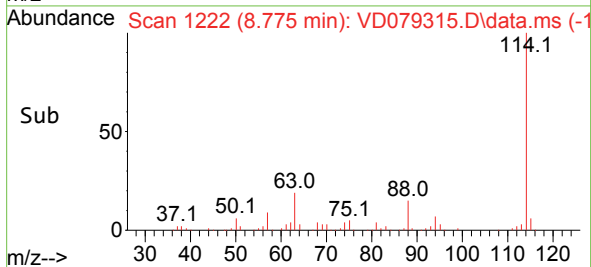
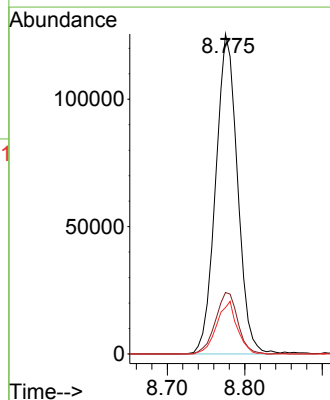
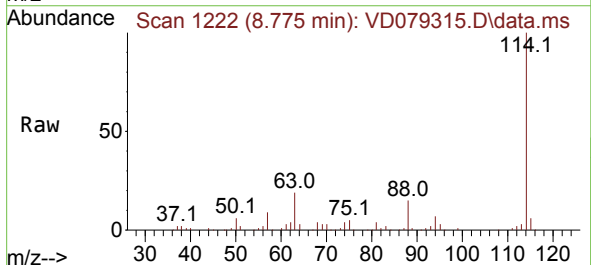
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

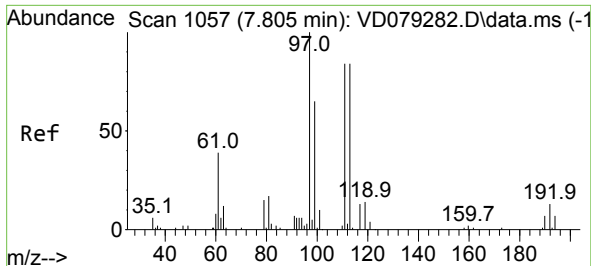
Tgt Ion: 65 Resp: 64975
Ion Ratio Lower Upper
65 100
67 53.6 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Tgt Ion: 114 Resp: 245912
Ion Ratio Lower Upper
114 100
63 19.2 0.0 34.0
88 14.5 0.0 27.2

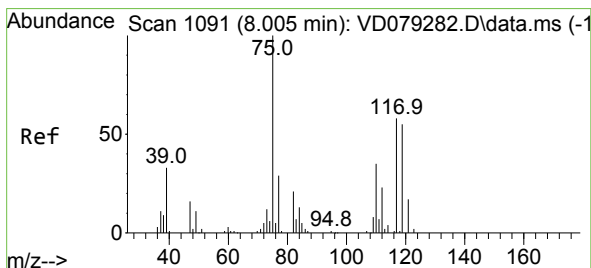
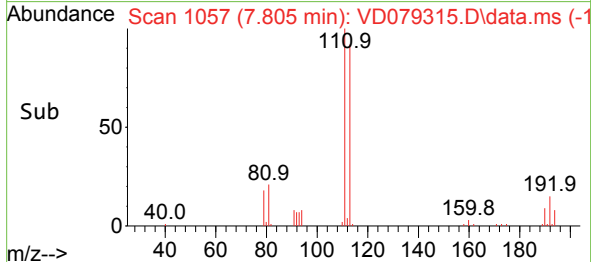
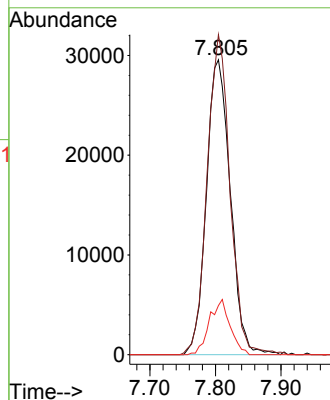
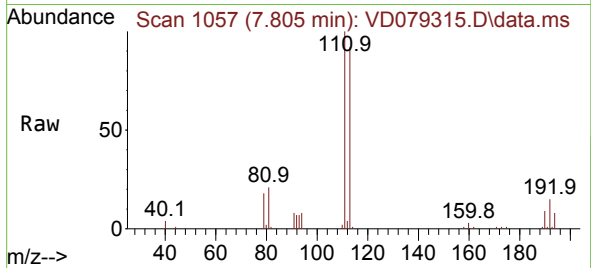




#35
Dibromofluoromethane
Concen: 46.511 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

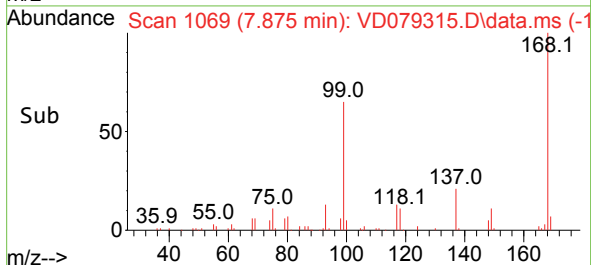
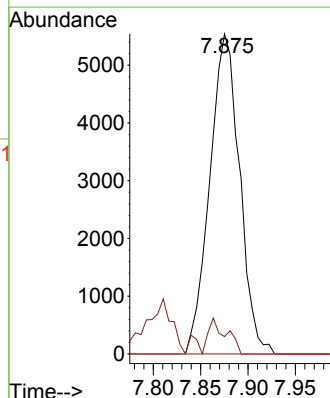
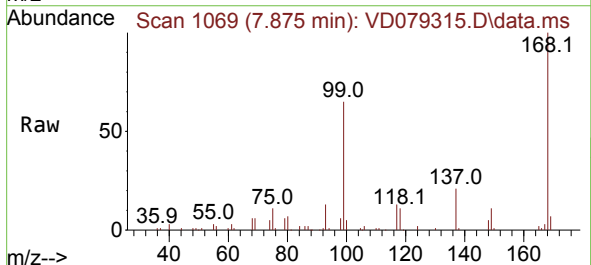
Instrument :
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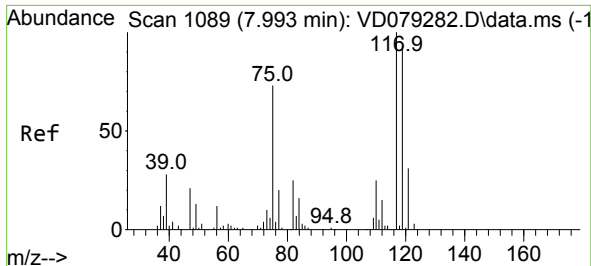
Tgt Ion:113 Resp: 75076
Ion Ratio Lower Upper
113 100
111 103.8 84.0 126.0
192 16.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

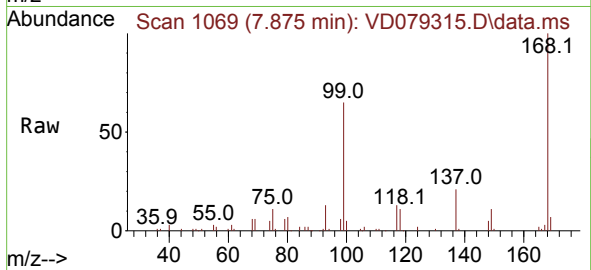
Tgt Ion: 75 Resp: 12144
Ion Ratio Lower Upper
75 100
110 6.7 19.6 58.7#
77 0.0 26.1 39.1#



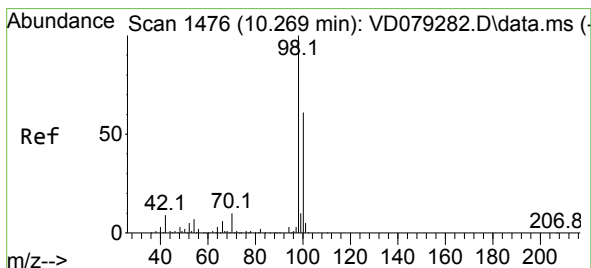
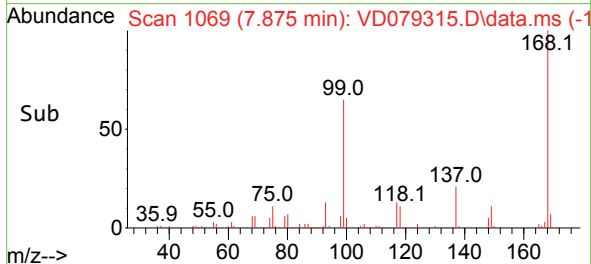
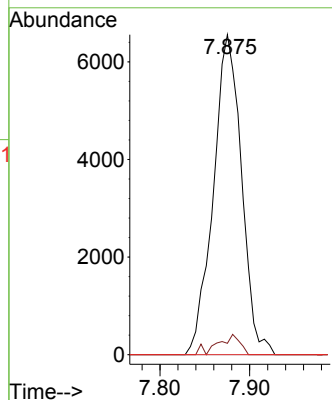


#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-770-772

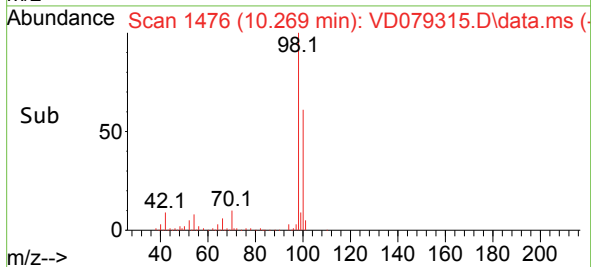
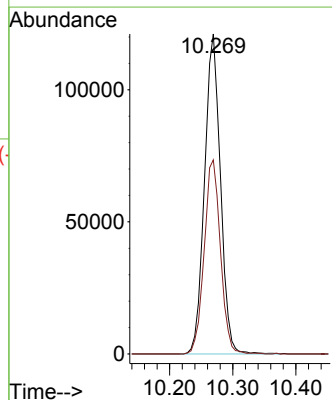
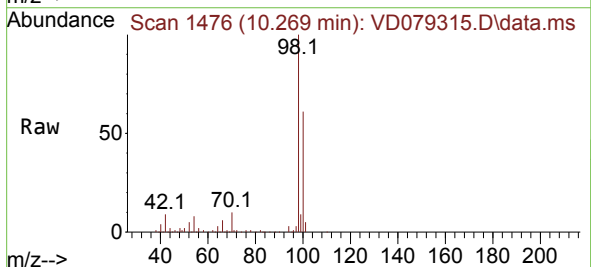


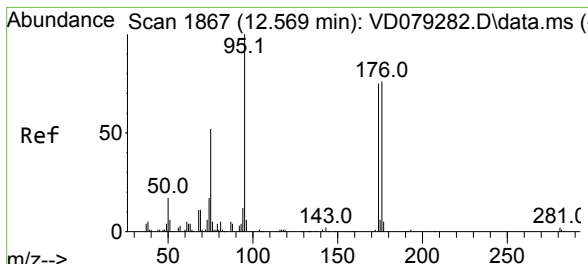
Tgt Ion:117 Resp: 14317
Ion Ratio Lower Upper
117 100
119 3.6 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 36.497 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079315.D
Acq: 02 Jul 2024 13:30

Tgt Ion: 98 Resp: 211934
Ion Ratio Lower Upper
98 100
100 62.0 51.6 77.4

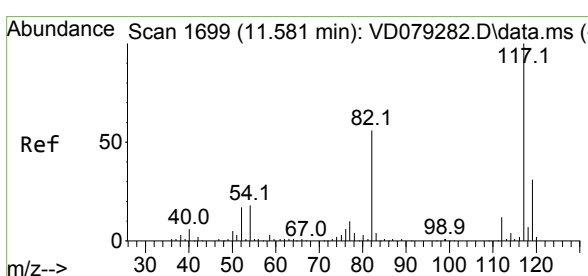
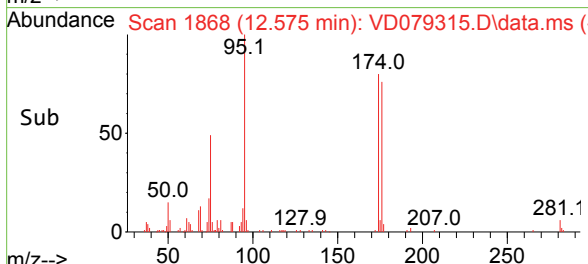
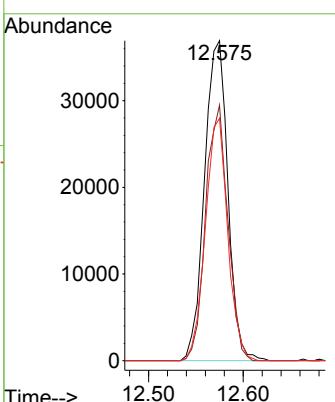
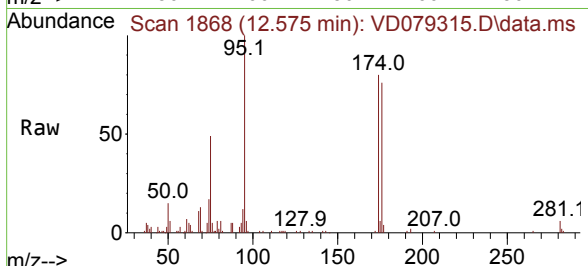




#62
 4-Bromofluorobenzene
 Concen: 34.027 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD079315.D
 Acq: 02 Jul 2024 13:30

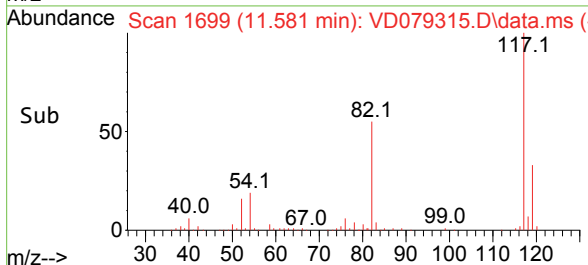
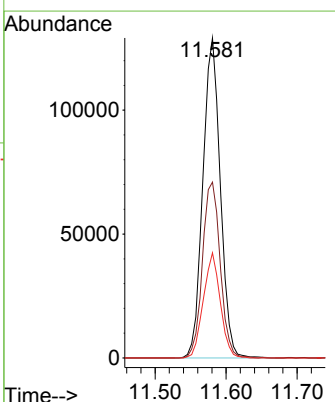
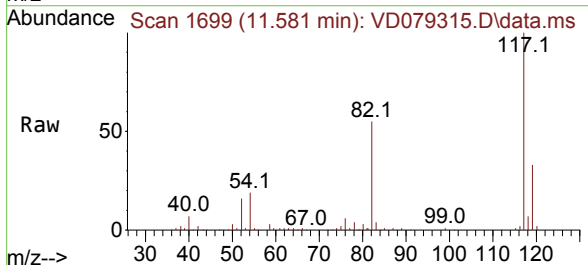
Instrument : MSVOA_D
 ClientSampleId : BP-VPB-196-GW-770-772

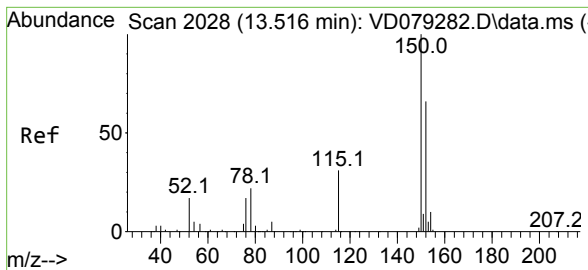
Tgt Ion:	95	Resp:	63362
Ion Ratio	Lower	Upper	
95	100		
174	76.1	0.0	195.4
176	72.6	0.0	192.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VD079315.D
 Acq: 02 Jul 2024 13:30

Tgt Ion:	117	Resp:	220743
Ion Ratio	Lower	Upper	
117	100		
82	54.9	39.8	59.6
119	32.8	25.7	38.5

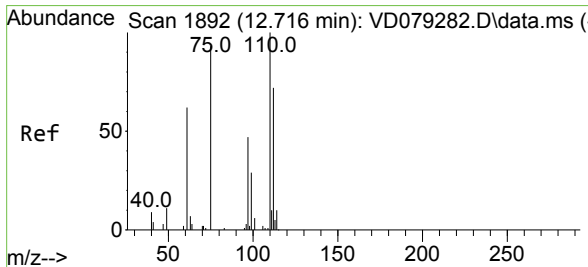
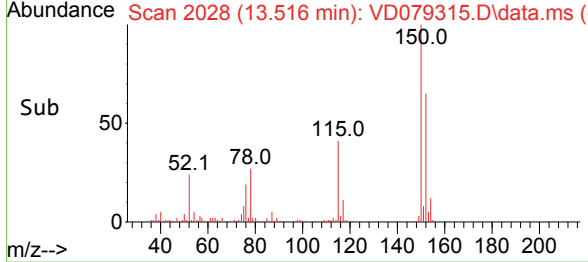
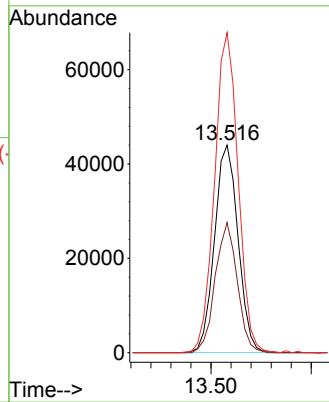
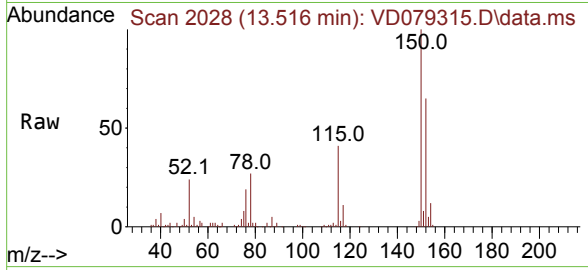




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD079315.D
 Acq: 02 Jul 2024 13:30

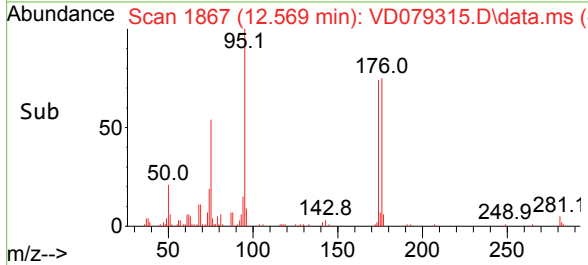
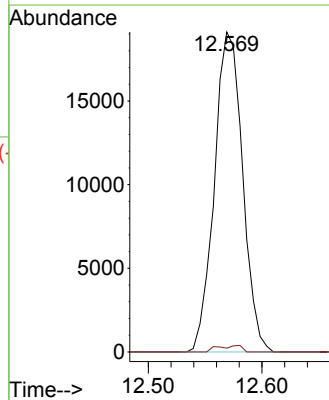
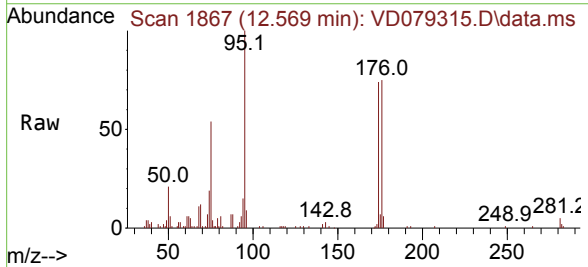
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-770-772

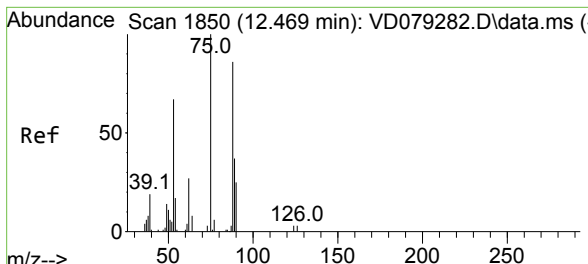
Tgt Ion:152 Resp: 71694
 Ion Ratio Lower Upper
 152 100
 115 58.8 26.5 79.5
 150 153.9 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 45.951 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079315.D
 Acq: 02 Jul 2024 13:30

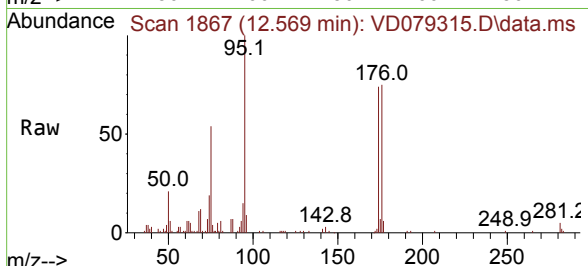
Tgt Ion: 75 Resp: 32969
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.268 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079315.D
 Acq: 02 Jul 2024 13:30

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-770-772



Tgt Ion:	75	Resp:	32969
Ion	Ratio	Lower	Upper
75	100		
53	0.2	61.4	92.2#
89	0.4	35.4	53.0#

