

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076255.D
 Acq On : 26 May 2023 13:13
 Operator : KP/SY
 Sample : 02944-17
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW11-GW-418-420

Quant Time: May 26 16:05:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

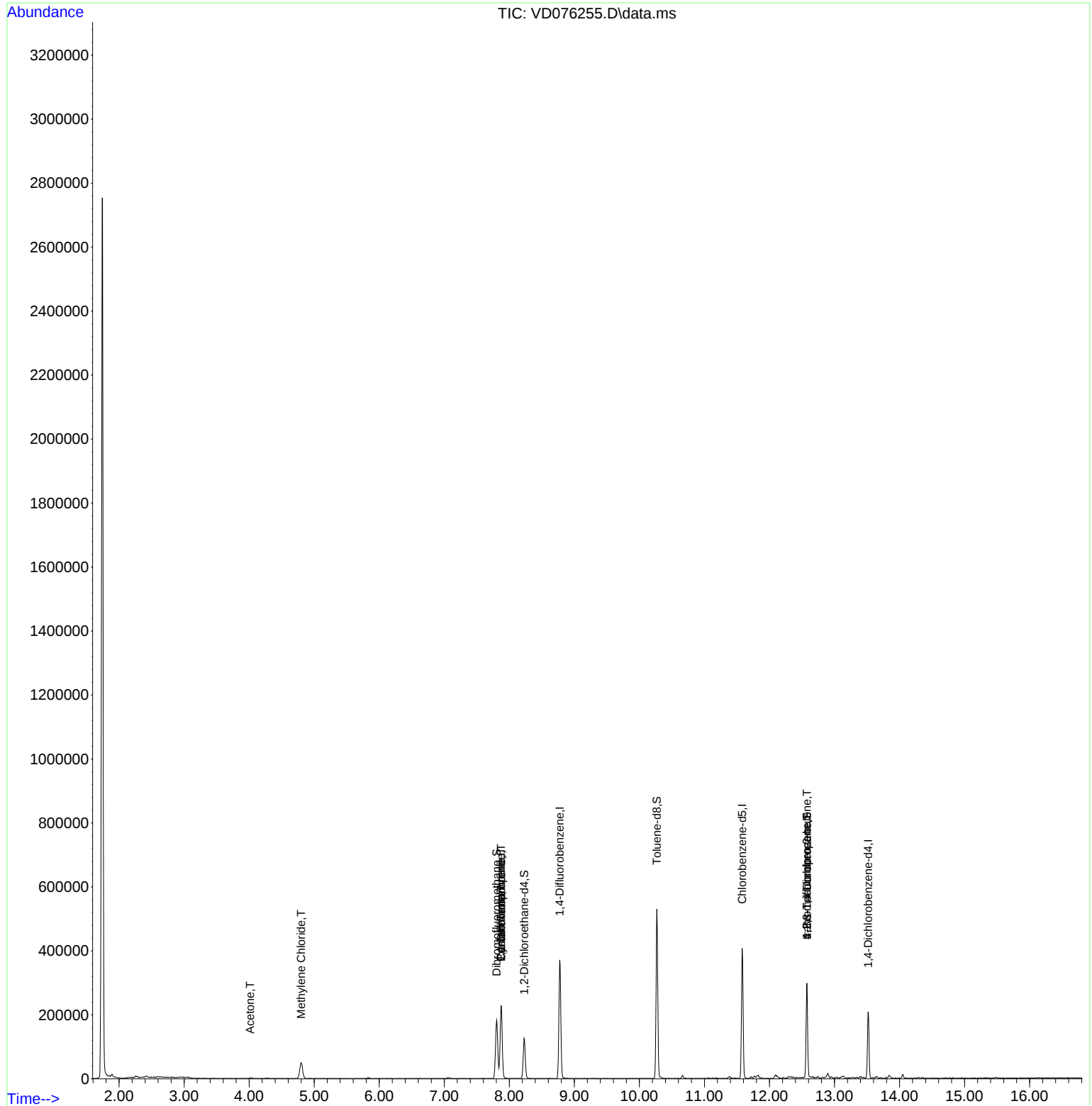
Internal Standards						
1) Pentafluorobenzene	7.875	168	188933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	358279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93043	50.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.900%
35) Dibromofluoromethane	7.804	113	133942	54.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.180%
50) Toluene-d8	10.269	98	389823	40.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.760%
62) 4-Bromofluorobenzene	12.575	95	88432	32.976	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	472	Below Cal	#	88
16) Acetone	4.016	43	4595	12.648	ug/l	95
17) Carbon Disulfide	4.275	76	2647	Below Cal	#	73
20) Methylene Chloride	4.799	84	43340	7.341	ug/l	# 76
31) Cyclohexane	7.875	56	3737	1.336	ug/l	# 1
36) 1,1-Dichloropropene	7.875	75	14335	4.286	ug/l	# 50
38) Carbon Tetrachloride	7.875	117	17214	5.698	ug/l	# 17
76) 1,2,3-Trichloropropane	12.575	75	43761	85.268	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	43761	178.877	ug/l	# 5

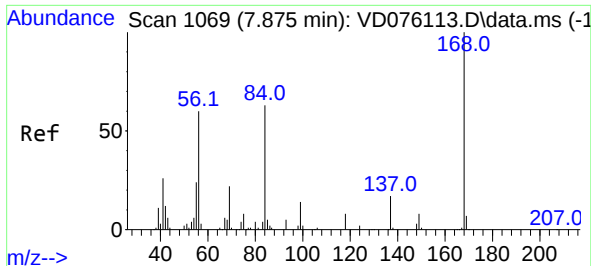
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

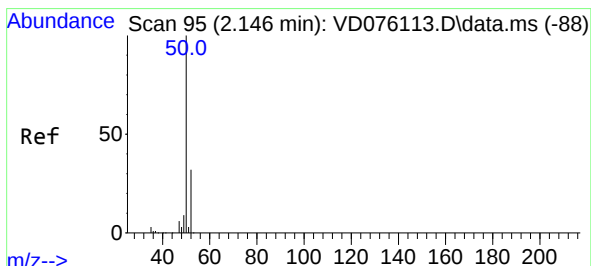
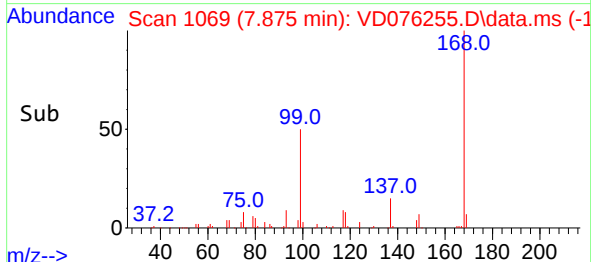
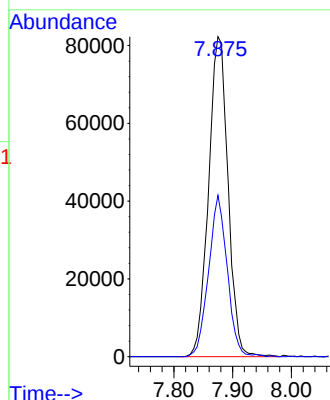
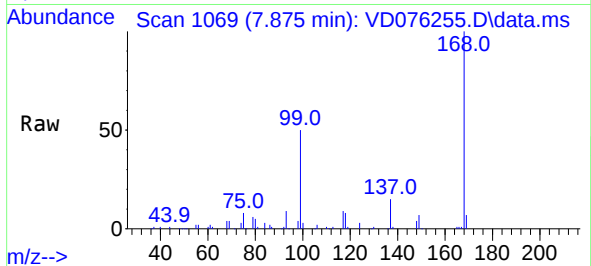




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

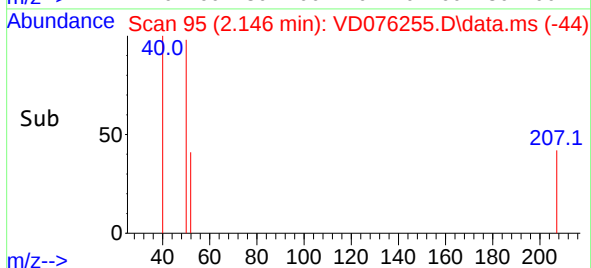
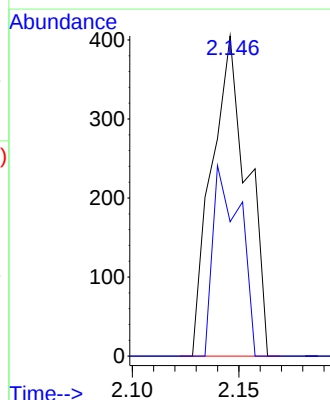
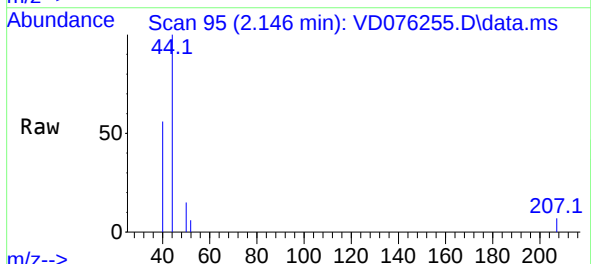
Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW11-GW-418-420

Tgt Ion:168 Resp: 188933
Ion Ratio Lower Upper
168 100
99 50.4 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 42.0 27.8 41.8#

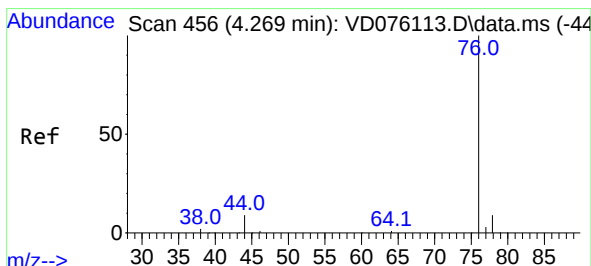
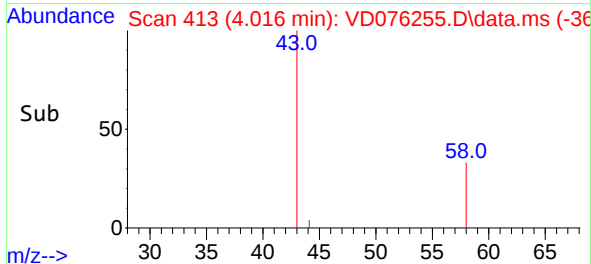
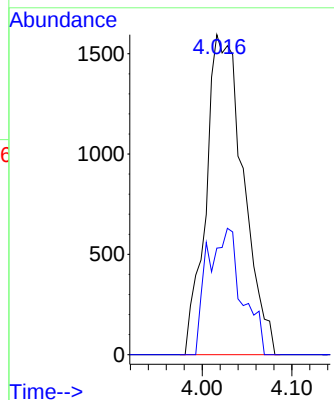
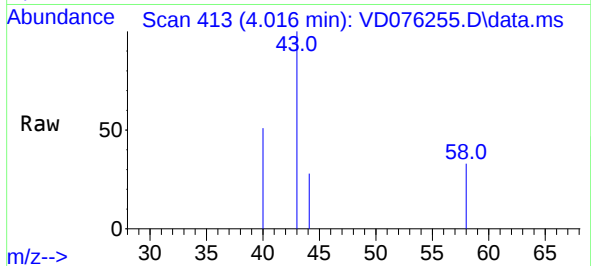




#16
Acetone
Concen: 12.648 ug/l
RT: 4.016 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

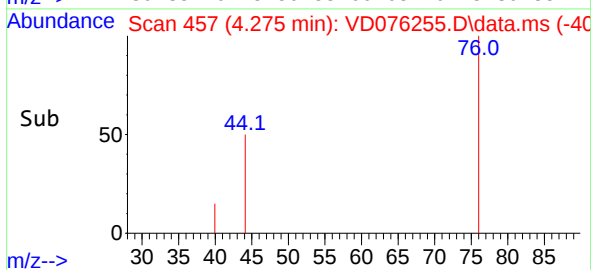
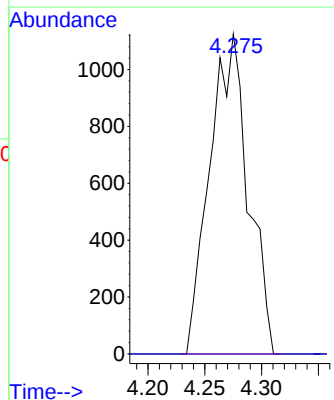
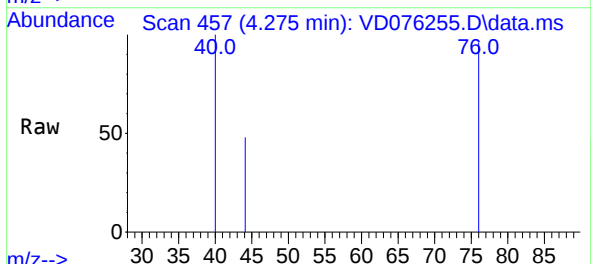
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420

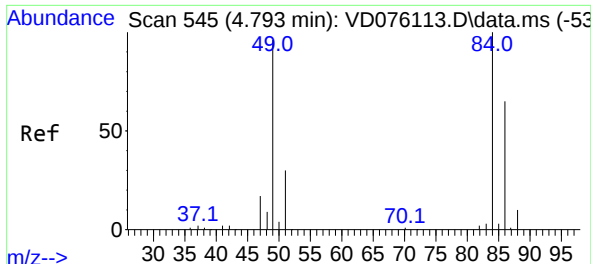
Tgt Ion: 43 Resp: 4595
Ion Ratio Lower Upper
43 100
58 33.3 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion: 76 Resp: 2647
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



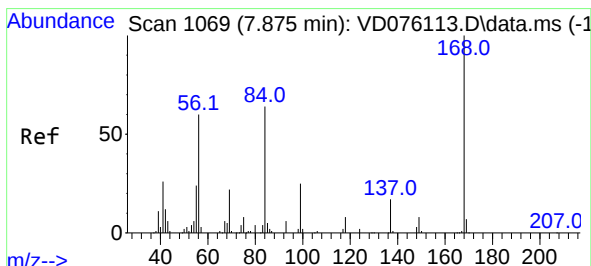
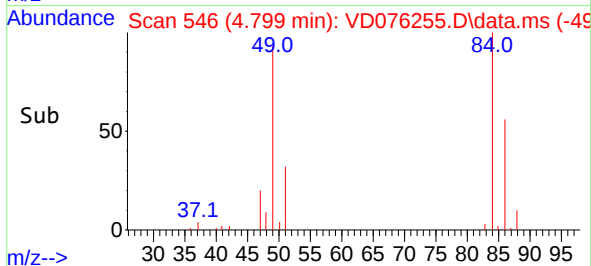
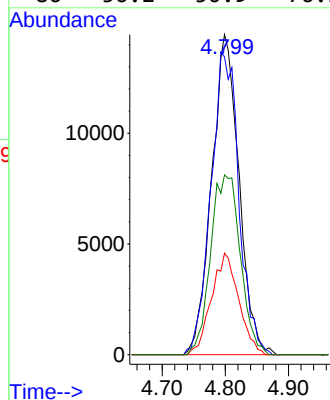
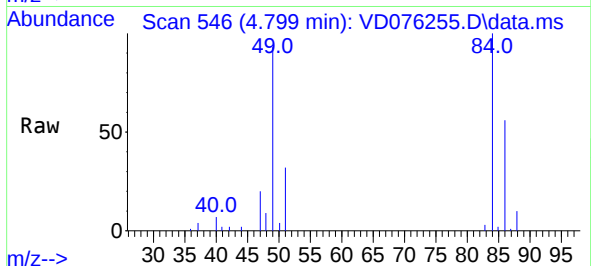


#20
Methylene Chloride
Concen: 7.341 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420

Tgt Ion: 84 Resp: 43340

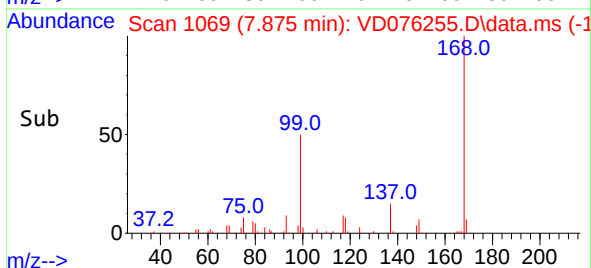
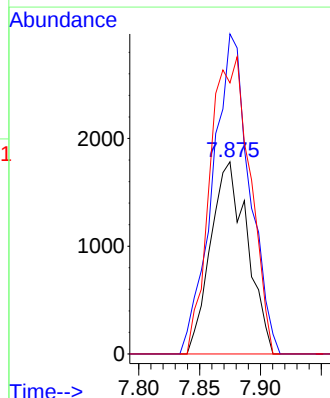
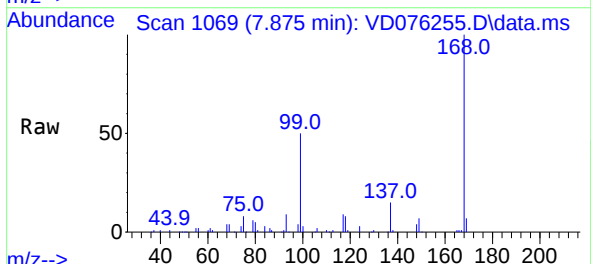
Ion	Ratio	Lower	Upper
84	100		
49	93.1	106.4	159.6#
51	31.8	32.4	48.6#
86	56.2	50.9	76.3

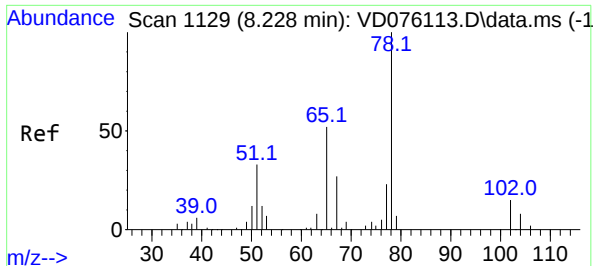


#31
Cyclohexane
Concen: 1.336 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion: 56 Resp: 3737

Ion	Ratio	Lower	Upper
56	100		
69	166.6	25.5	38.3#
84	141.1	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 50.955 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076255.D

Acq: 26 May 2023 13:13

Instrument :

MSVOA_D

ClientSampleId :

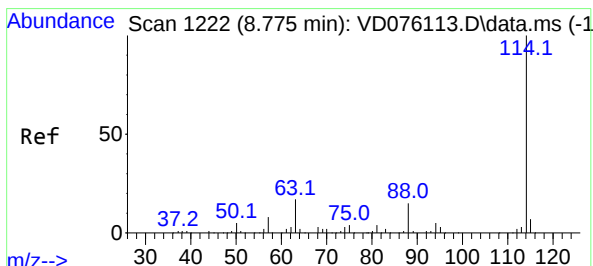
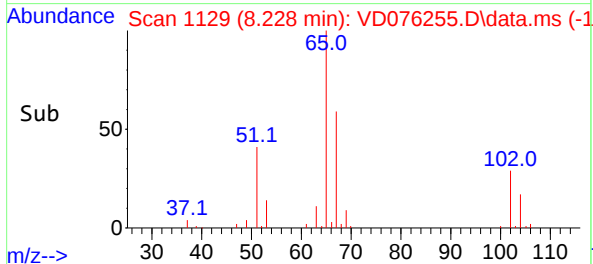
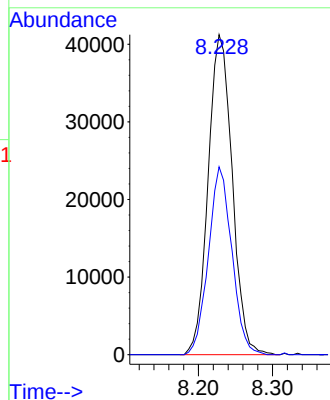
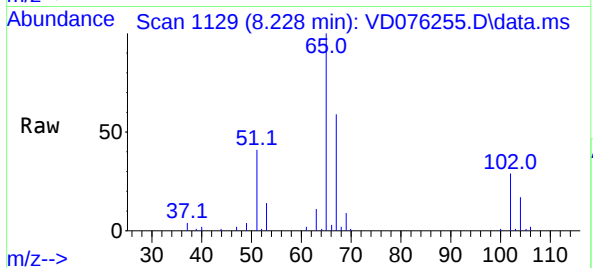
BP-VPB-RW11-GW-418-420

Tgt Ion: 65 Resp: 93043

Ion Ratio Lower Upper

65 100

67 57.2 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076255.D

Acq: 26 May 2023 13:13

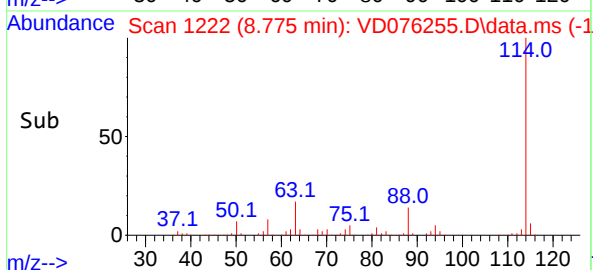
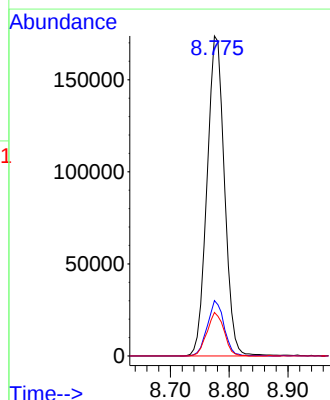
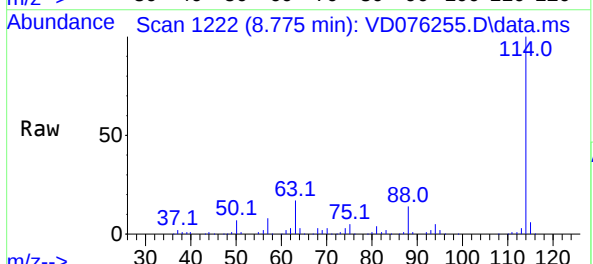
Tgt Ion: 114 Resp: 358279

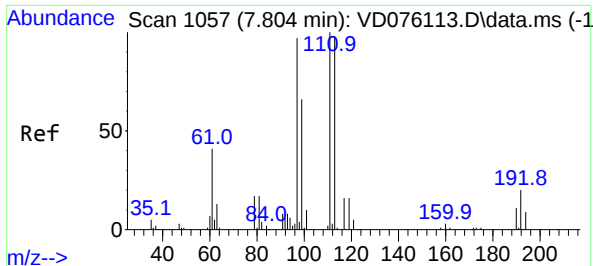
Ion Ratio Lower Upper

114 100

63 17.3 0.0 41.6

88 13.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.085 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076255.D

Acq: 26 May 2023 13:13

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-RW11-GW-418-420

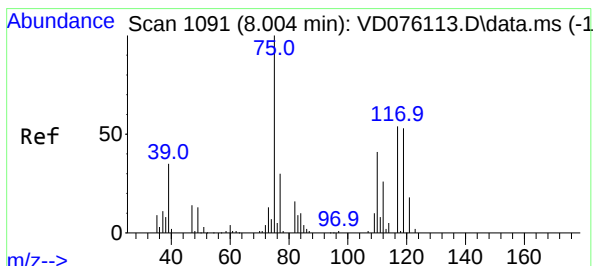
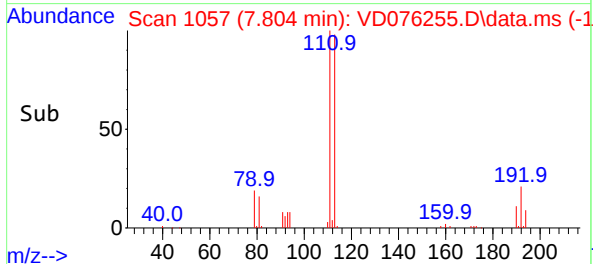
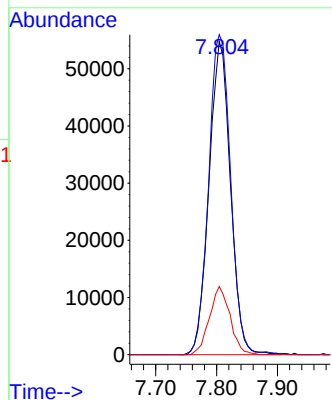
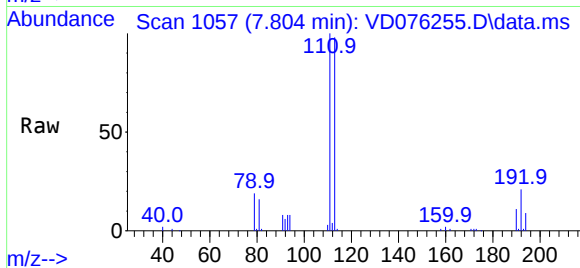
Tgt Ion:113 Resp: 133942

Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.0

192 20.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.286 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD076255.D

Acq: 26 May 2023 13:13

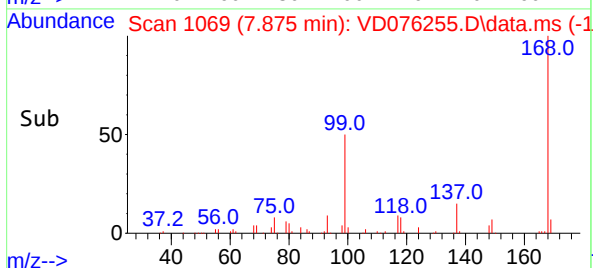
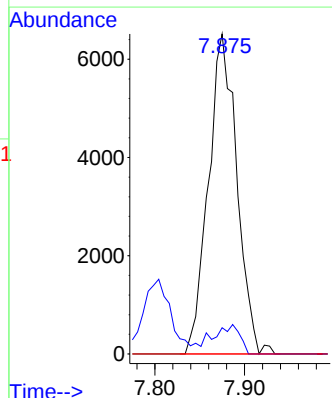
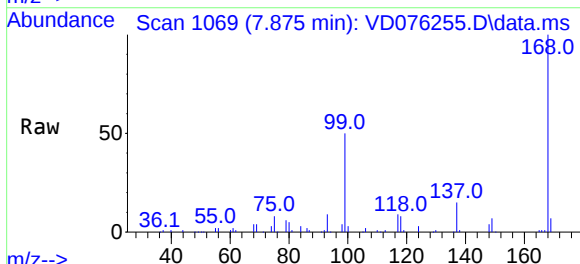
Tgt Ion: 75 Resp: 14335

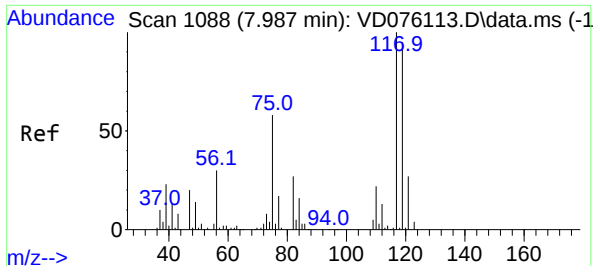
Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.2#

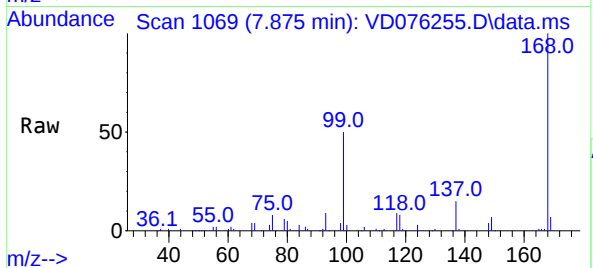
77 0.0 24.6 36.8#



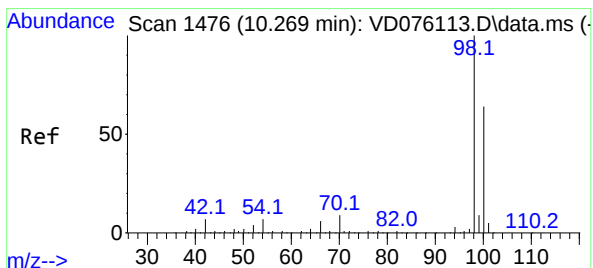
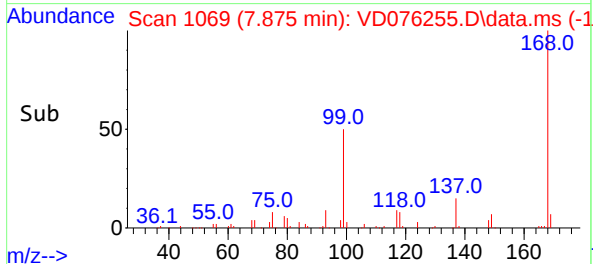
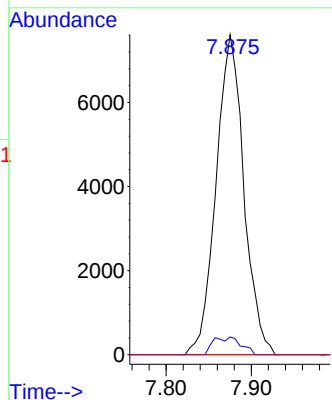


#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Instrument : MSVOA_D
ClientSampleId : BP-VPB-RW11-GW-418-420

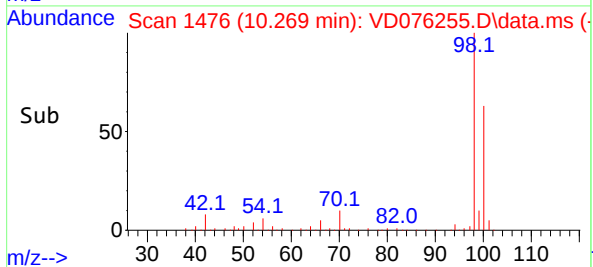
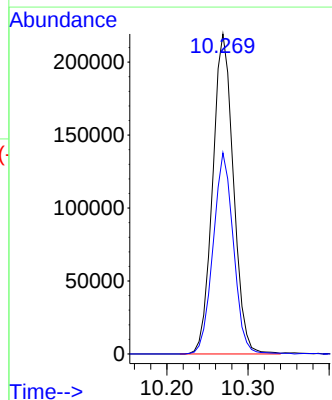
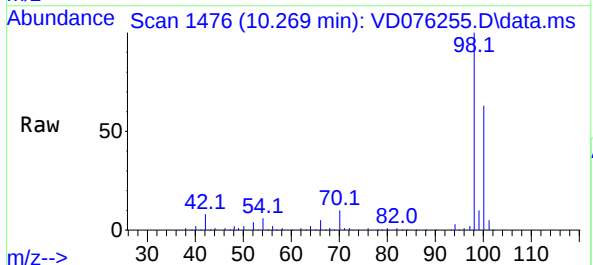


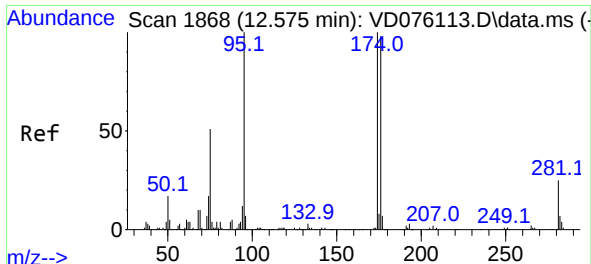
Tgt Ion:117 Resp: 17214
Ion Ratio Lower Upper
117 100
119 5.6 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 40.379 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion: 98 Resp: 389823
Ion Ratio Lower Upper
98 100
100 61.6 52.1 78.1

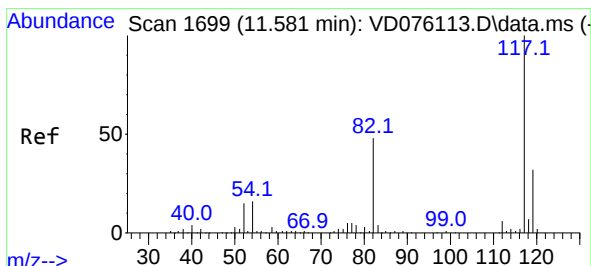
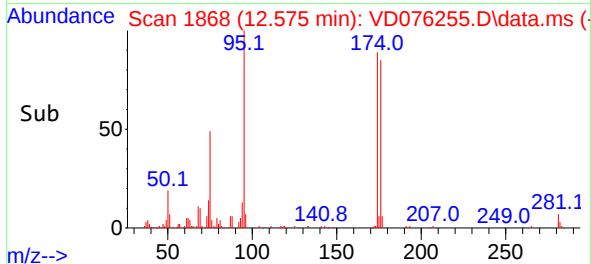
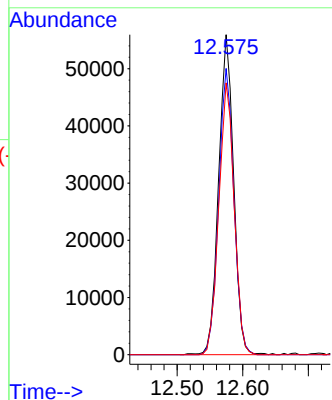
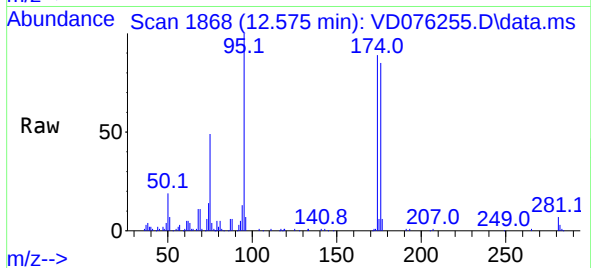




#62
4-Bromofluorobenzene
Concen: 32.976 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

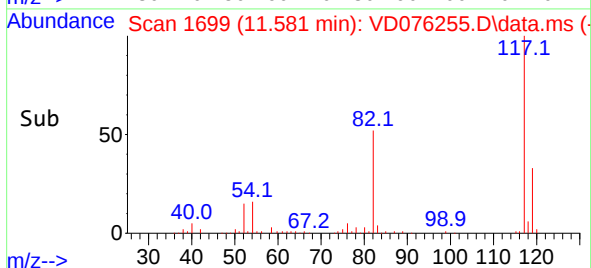
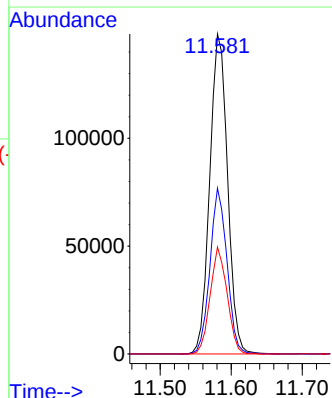
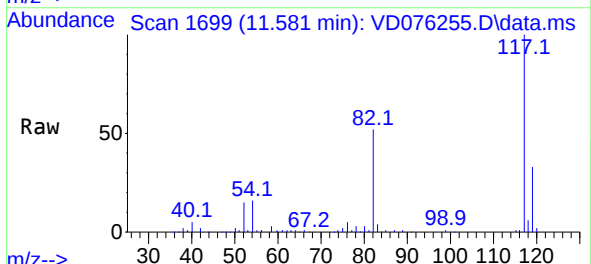
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-RW11-GW-418-420

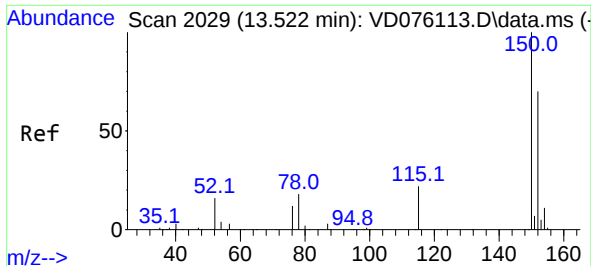
Tgt Ion:	95	Resp:	88432
Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	164.0
176	86.8	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076255.D
Acq: 26 May 2023 13:13

Tgt Ion:	117	Resp:	258600
Ion	Ratio	Lower	Upper
117	100		
82	51.8	44.0	66.0
119	33.4	25.1	37.7

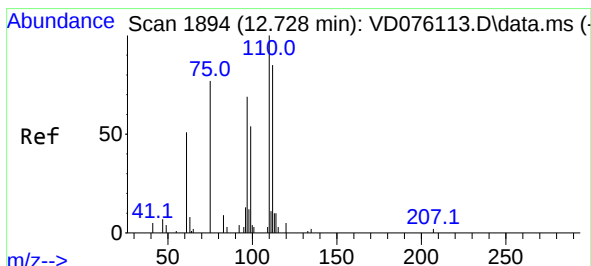
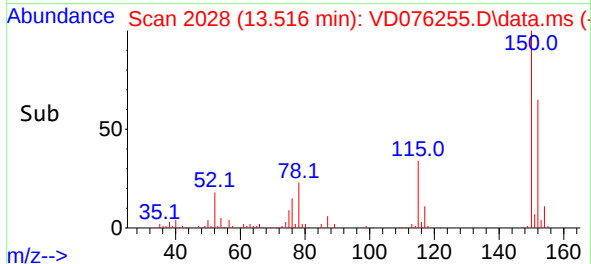
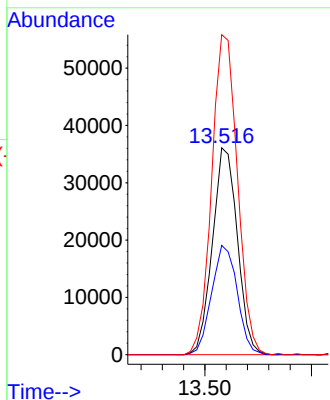
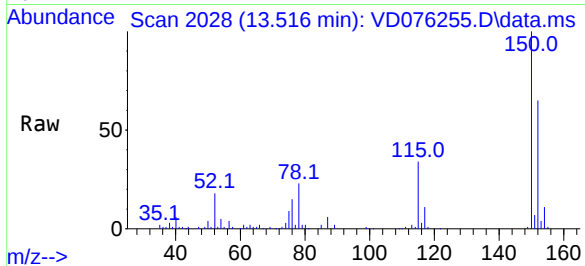




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076255.D
 Acq: 26 May 2023 13:13

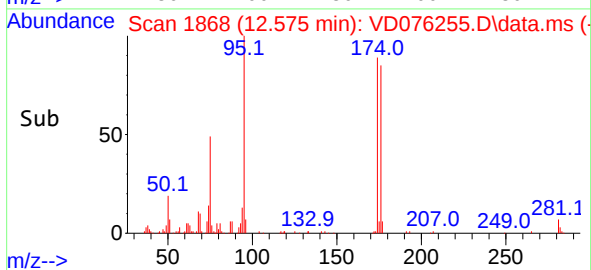
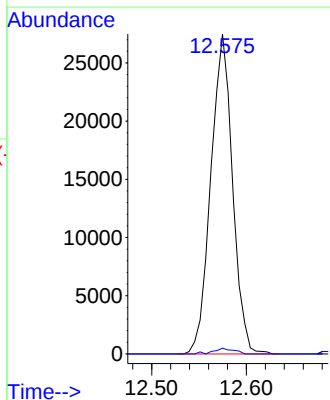
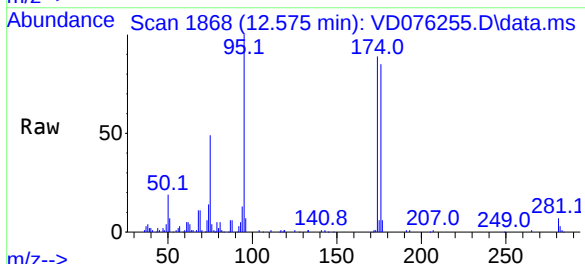
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW11-GW-418-420

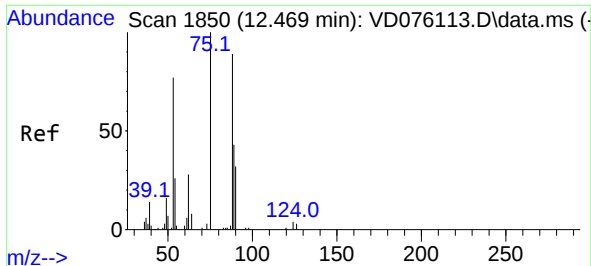
Tgt Ion:152 Resp: 58648
 Ion Ratio Lower Upper
 152 100
 115 54.3 30.1 90.3
 150 159.6 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 85.268 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD076255.D
 Acq: 26 May 2023 13:13

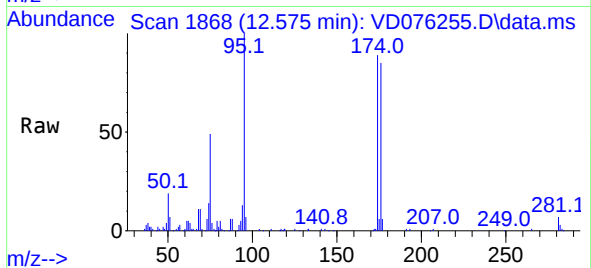
Tgt Ion: 75 Resp: 43761
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 178.877 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076255.D
 Acq: 26 May 2023 13:13

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-RW11-GW-418-420



Tgt Ion:	75	Resp:	43761
Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.5	135.7#
89	0.0	40.2	60.4#

