

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070095.D
 Acq On : 17 Aug 2021 18:32
 Operator : VA/SY
 Sample : M3412-03
 Misc : 6.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PG-3

Quant Time: Aug 18 03:07:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	495712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1011211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	964557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	363999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	370517	63.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.100%
35) Dibromofluoromethane	7.914	113	355264	54.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.760%
50) Toluene-d8	10.338	98	1311730	51.622	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.240%
62) 4-Bromofluorobenzene	12.626	95	406823	48.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.220%

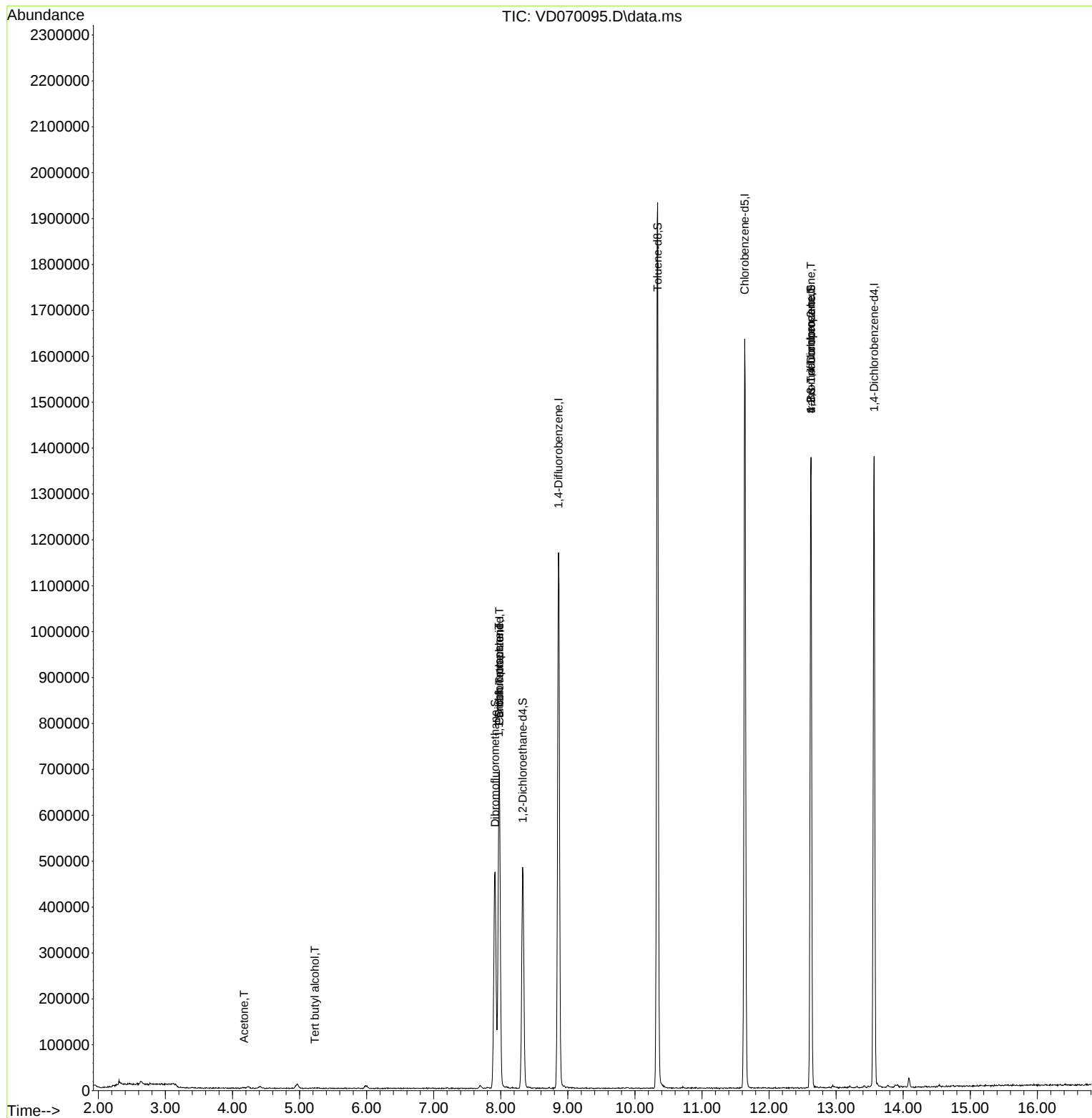
Target Compounds					Qvalue
3) Chloromethane	2.209	50	1134	Below Cal	# 1
5) Bromomethane	2.785	94	1697	Below Cal	# 82
11) Tert butyl alcohol	5.226	59	533	1.654	ug/l # 99
16) Acetone	4.173	43	1842	1.715	ug/l # 41
20) Methylene Chloride	4.950	84	3424	Below Cal	# 63
36) 1,1-Dichloropropene	7.973	75	45128	4.148	ug/l # 49
38) Carbon Tetrachloride	7.979	117	53369	5.404	ug/l # 14
76) 1,2,3-Trichloropropane	12.626	75	198163	53.682	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.626	75	198163	139.338	ug/l # 18

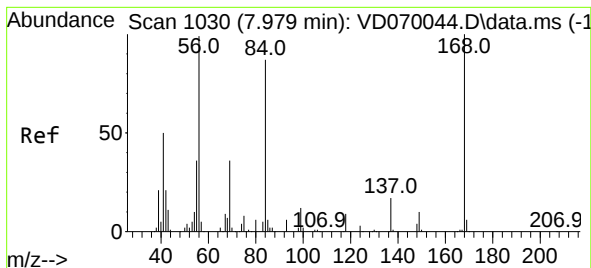
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PG-3

Quant Time: Aug 18 03:07:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070095.D

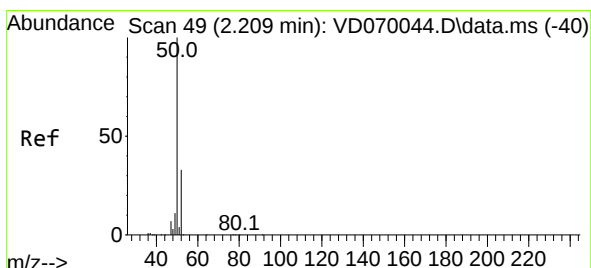
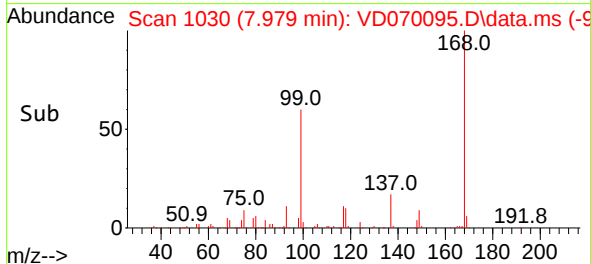
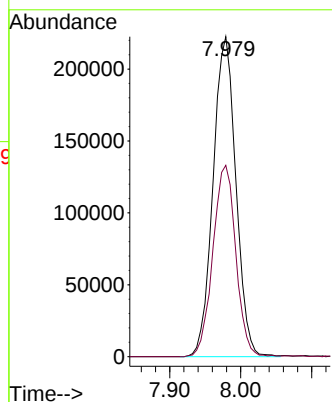
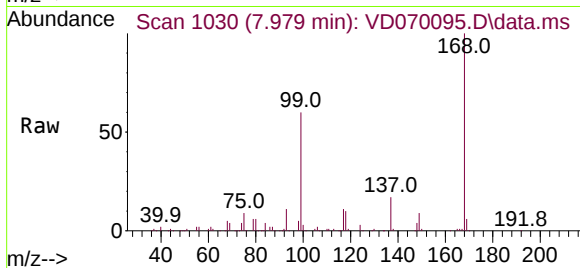
Acq: 17 Aug 2021 18:32

Tgt Ion:168 Resp: 495712

Ion Ratio Lower Upper

168 100

99 59.8 50.3 75.5



#3

Chloromethane

Concen: Below Cal

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD070095.D

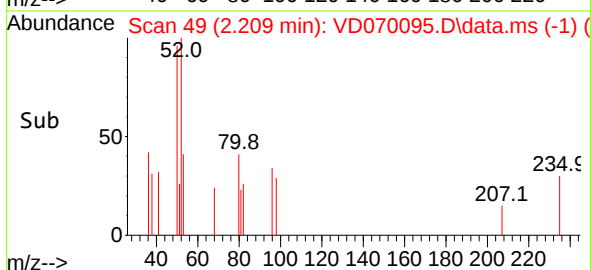
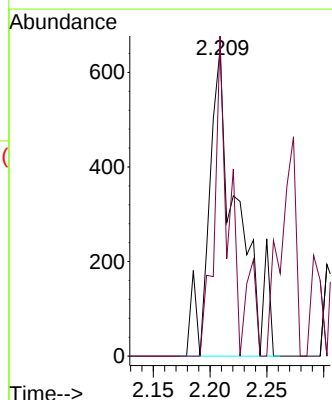
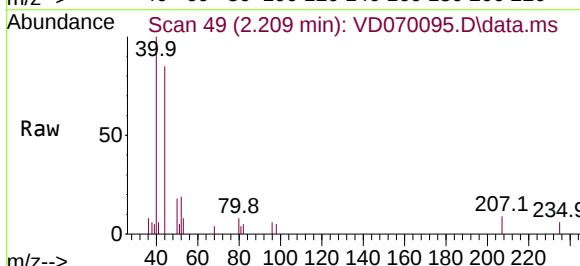
Acq: 17 Aug 2021 18:32

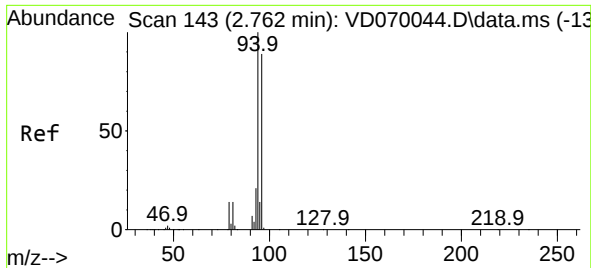
Tgt Ion: 50 Resp: 1134

Ion Ratio Lower Upper

50 100

52 104.3 26.3 39.5#

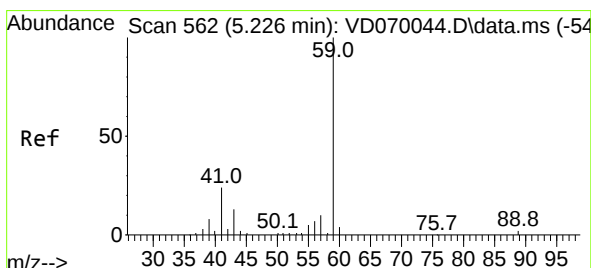
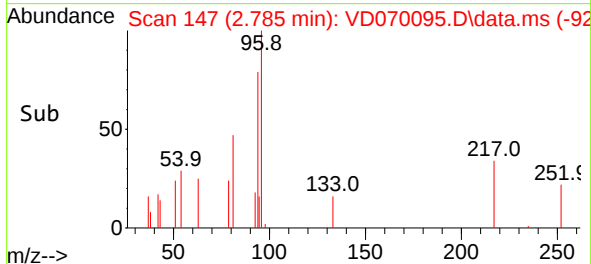
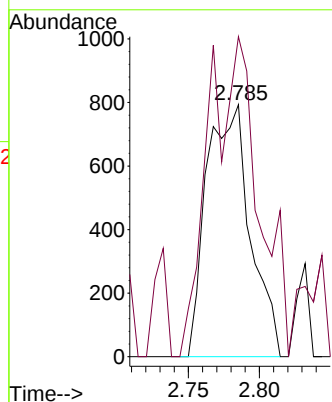
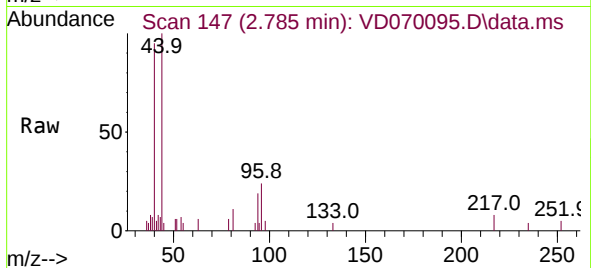




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

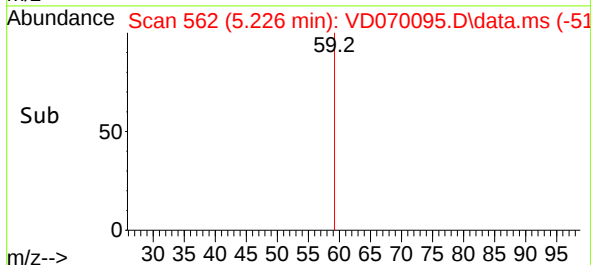
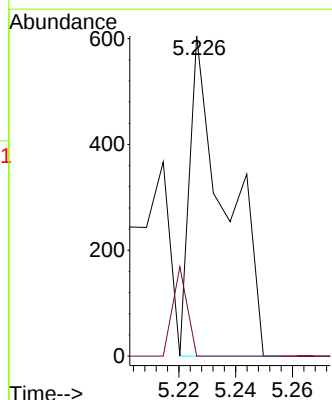
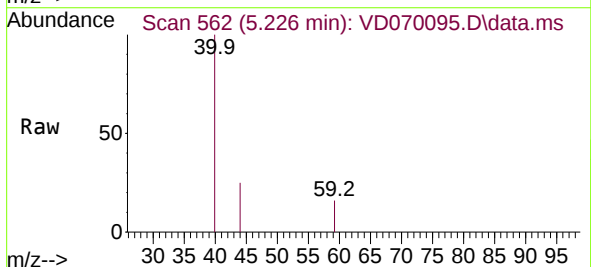
Instrument :
MSVOA_D
ClientSampleId :
PG-3

Tgt Ion: 94 Resp: 1697
Ion Ratio Lower Upper
94 100
96 105.0 70.9 106.3



#11
Tert butyl alcohol
Concen: 1.654 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

Tgt Ion: 59 Resp: 533
Ion Ratio Lower Upper
59 100
57 11.3 8.8 13.2

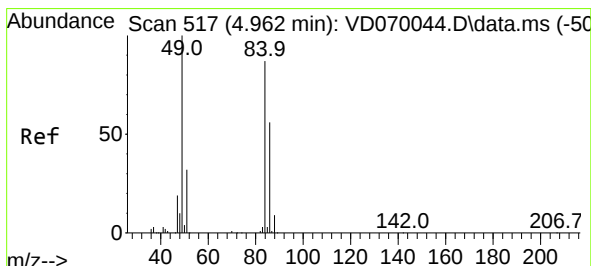
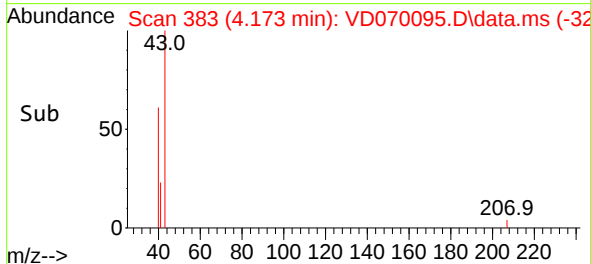
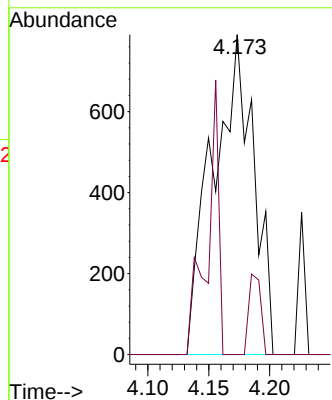
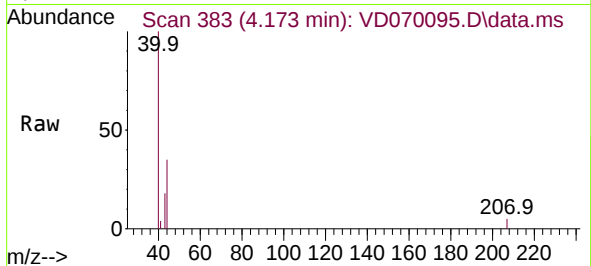




#16
Acetone
Concen: 1.715 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.018 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

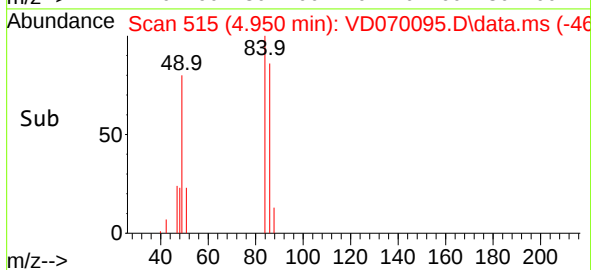
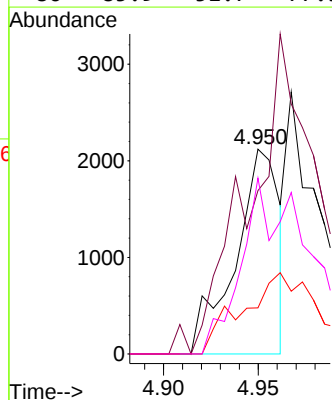
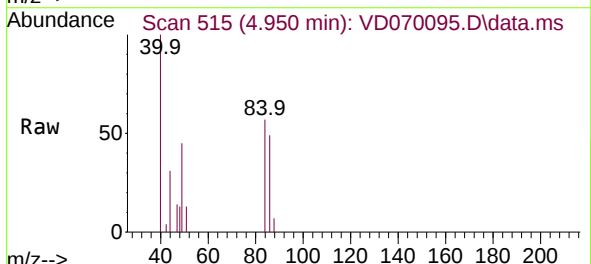
Instrument :
MSVOA_D
ClientSampled :
PG-3

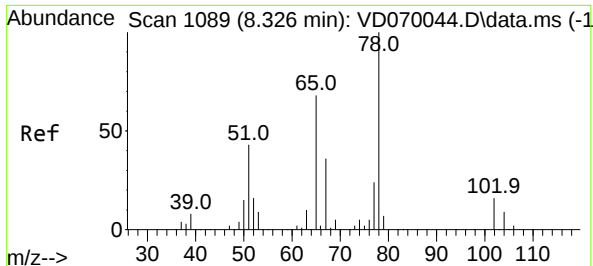
Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

Tgt Ion: 84 Resp: 3424
Ion Ratio Lower Upper
84 100
49 65.4 92.5 138.7#
51 22.5 29.7 44.5#
86 85.9 51.7 77.5#

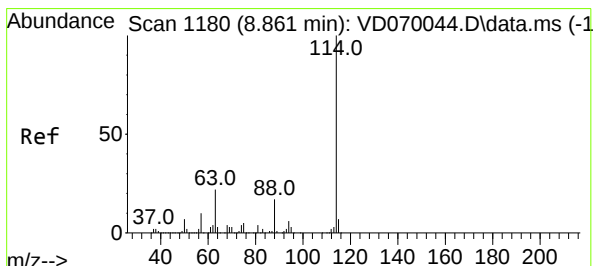
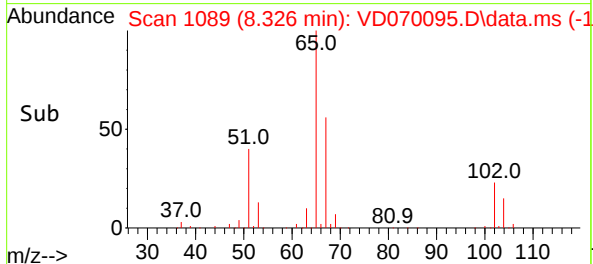
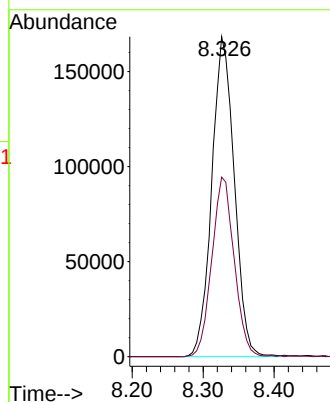
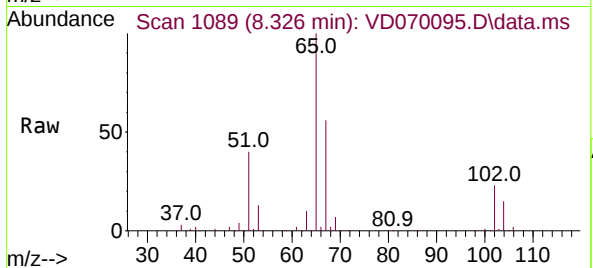




#33
1,2-Dichloroethane-d4
Concen: 63.550 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

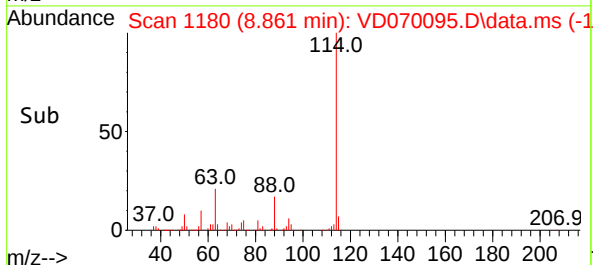
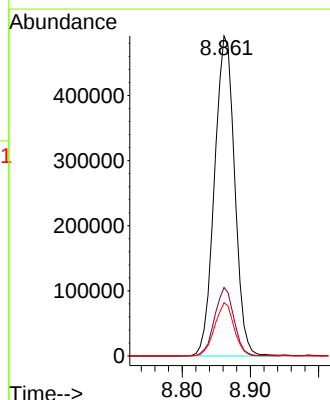
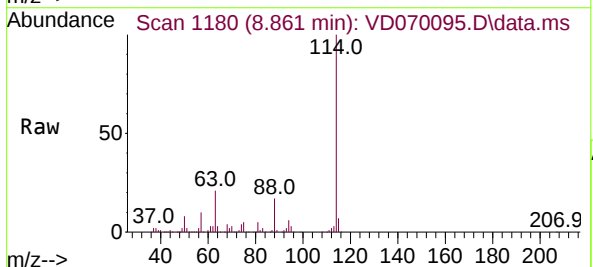
Instrument :
MSVOA_D
ClientSampled :
PG-3

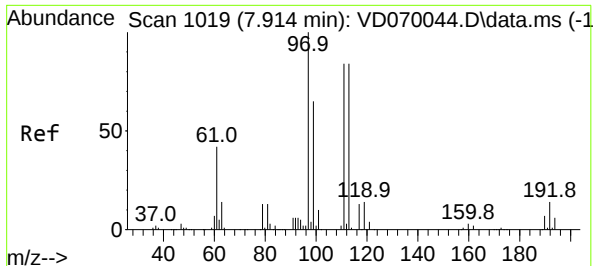
Tgt Ion: 65 Resp: 370517
Ion Ratio Lower Upper
65 100
67 55.7 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

Tgt Ion: 114 Resp: 1011211
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.6
88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.379 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070095.D

Acq: 17 Aug 2021 18:32

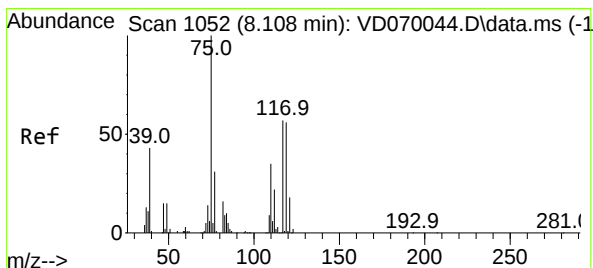
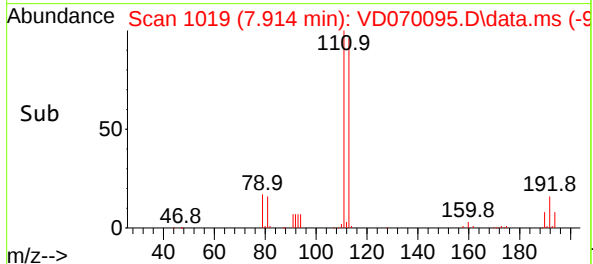
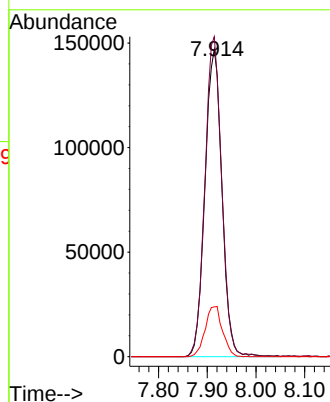
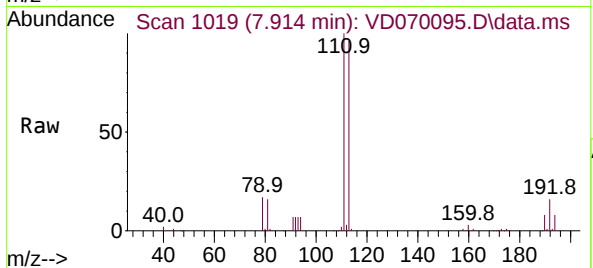
Tgt Ion:113 Resp: 355264

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 16.7 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.148 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070095.D

Acq: 17 Aug 2021 18:32

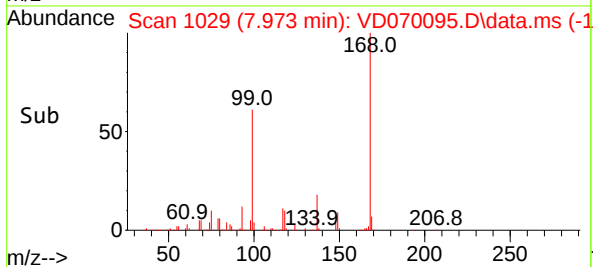
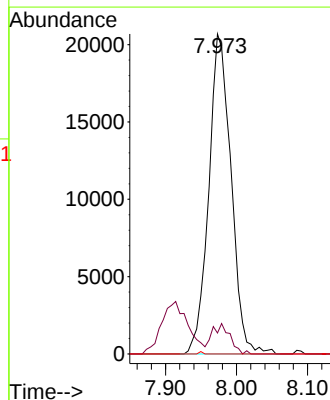
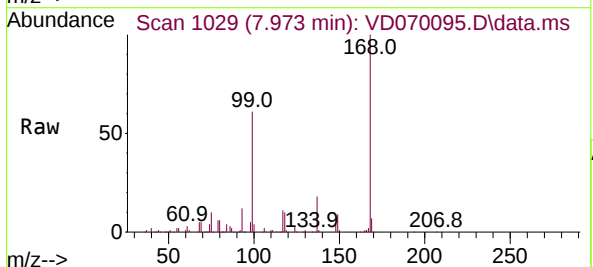
Tgt Ion: 75 Resp: 45128

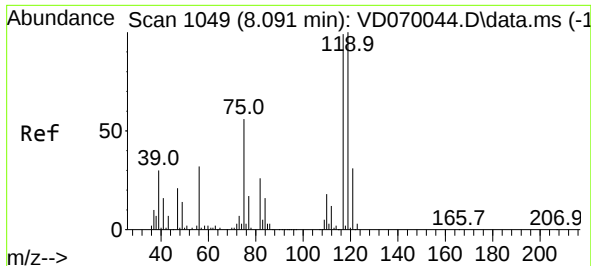
Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

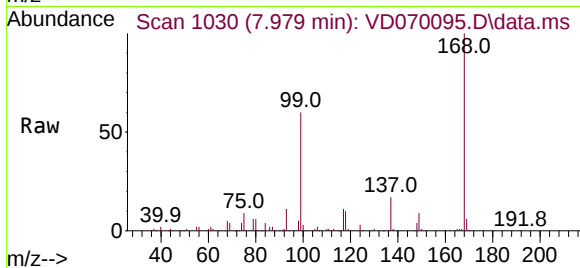
77 0.0 25.2 37.8#



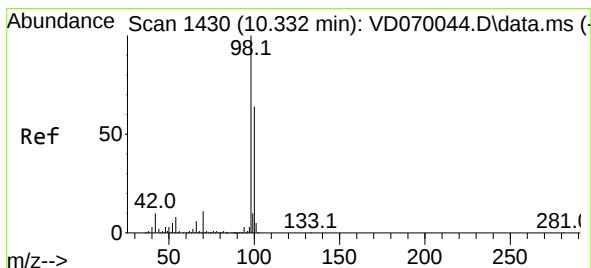
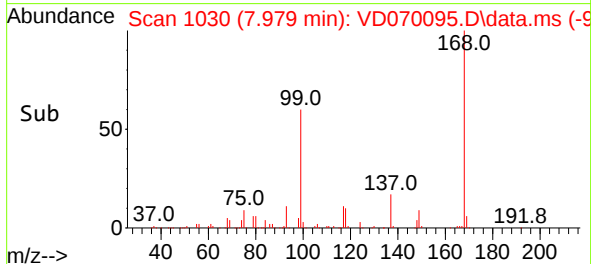
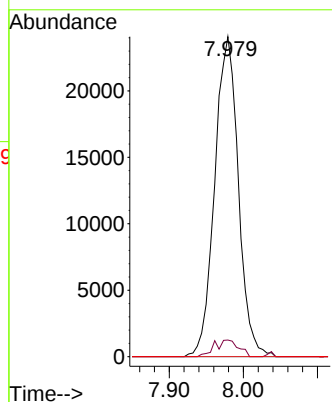


#38
Carbon Tetrachloride
Concen: 5.404 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

Instrument :
MSVOA_D
ClientSampled :
PG-3

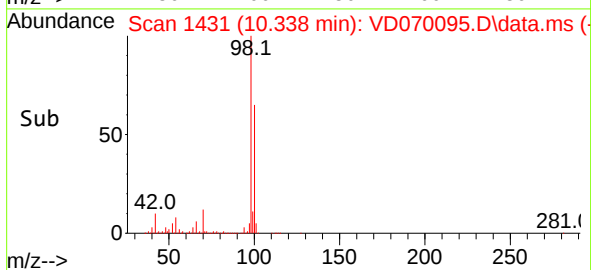
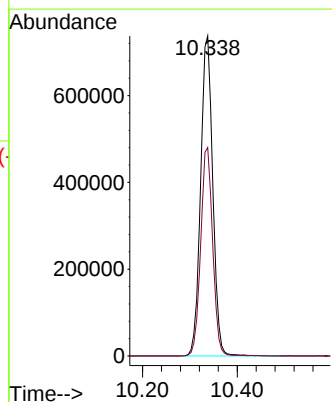
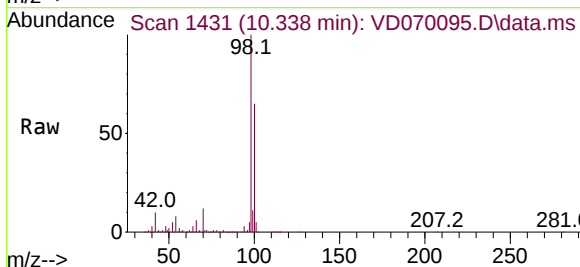


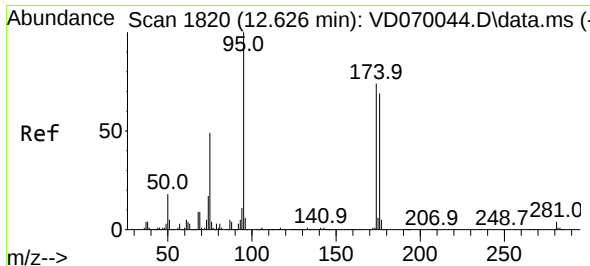
Tgt Ion:117 Resp: 53369
Ion Ratio Lower Upper
117 100
119 5.2 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.622 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

Tgt Ion: 98 Resp: 1311730
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

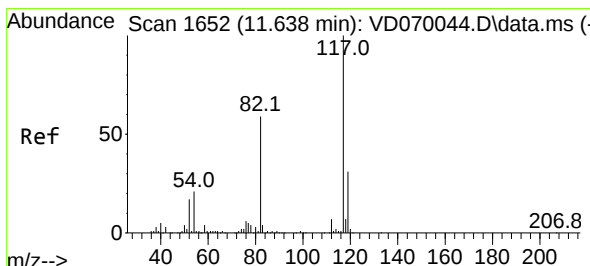
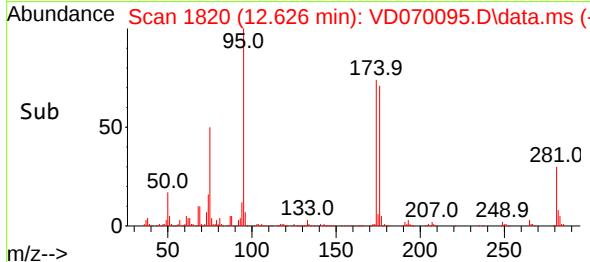
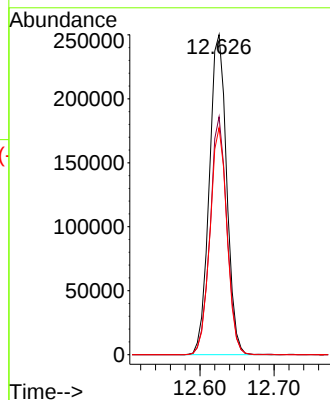
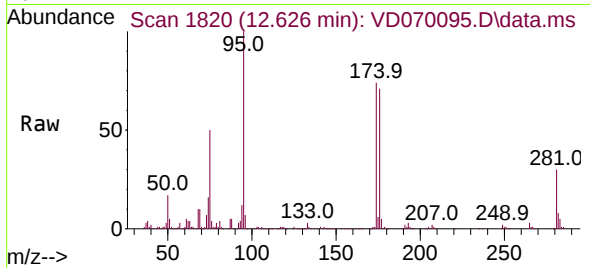




#62
4-Bromofluorobenzene
Concen: 48.608 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

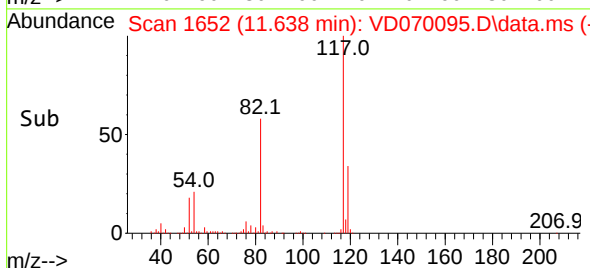
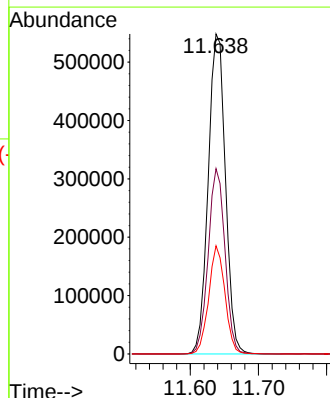
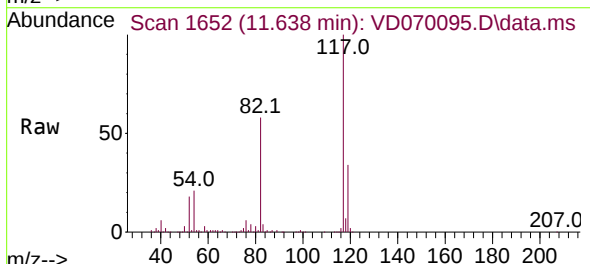
Instrument :
MSVOA_D
ClientSampled :
PG-3

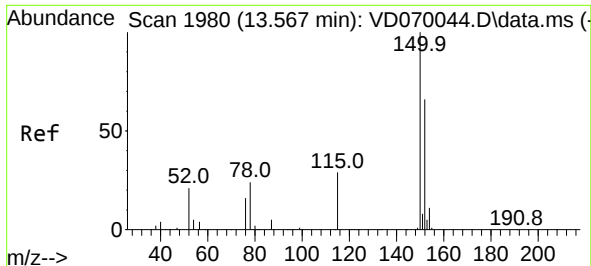
Tgt Ion: 95 Resp: 406823
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 69.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070095.D
Acq: 17 Aug 2021 18:32

Tgt Ion: 117 Resp: 964557
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 33.8 25.1 37.7

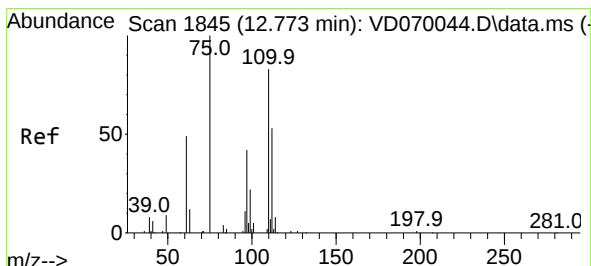
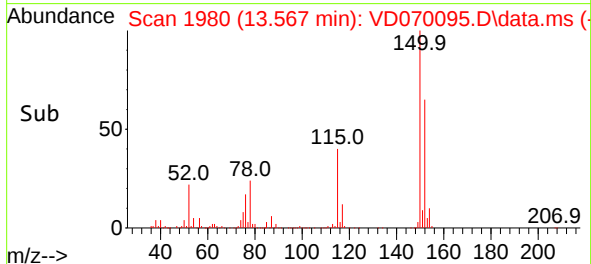
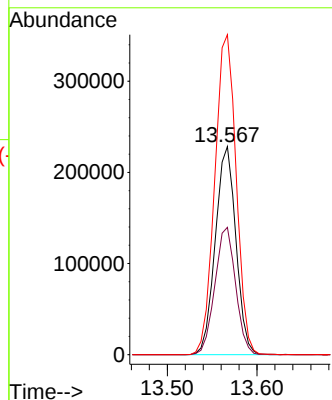
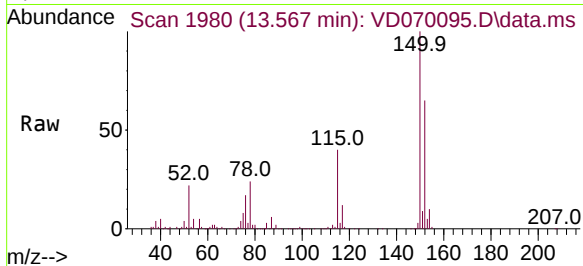




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32

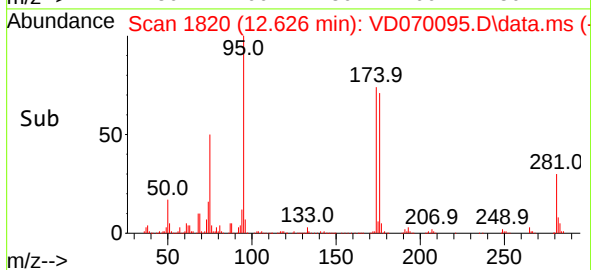
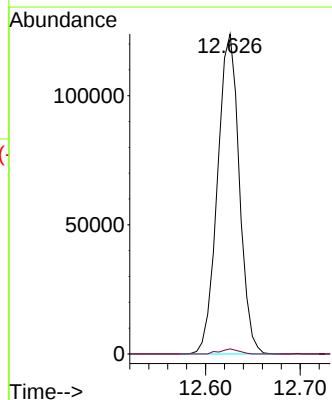
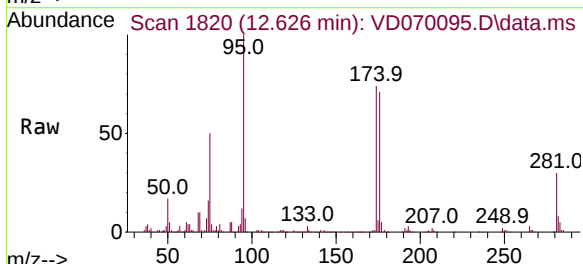
Instrument :
 MSVOA_D
 ClientSampleId :
 PG-3

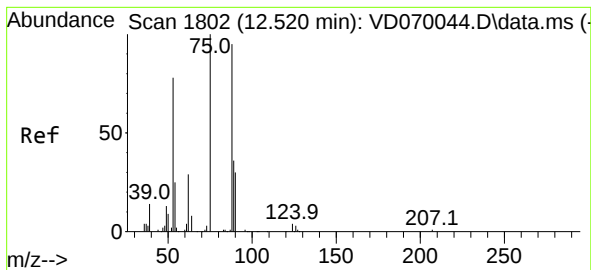
Tgt Ion:152 Resp: 363999
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.2 93.6
 150 159.6 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 53.682 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32

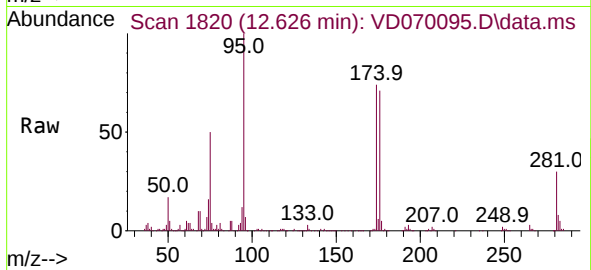
Tgt Ion: 75 Resp: 198163
 Ion Ratio Lower Upper
 75 100
 77 1.4 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.338 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070095.D
 Acq: 17 Aug 2021 18:32

Instrument :
 MSVOA_D
 ClientSampleId :
 PG-3



Tgt Ion: 75 Resp: 198163
 Ion Ratio Lower Upper
 75 100
 53 0.4 64.5 96.7#
 89 0.4 33.7 50.5#

