

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082321\
 Data File : VD070214.D
 Acq On : 23 Aug 2021 11:33
 Operator : VA/SY
 Sample : VD0823SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 24 01:29:37 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	568147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1085332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1046920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	458082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	356661	53.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.740%
35) Dibromofluoromethane	7.914	113	349204	49.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.338	98	1404999	51.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.040%
62) 4-Bromofluorobenzene	12.626	95	468411	52.145	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.280%

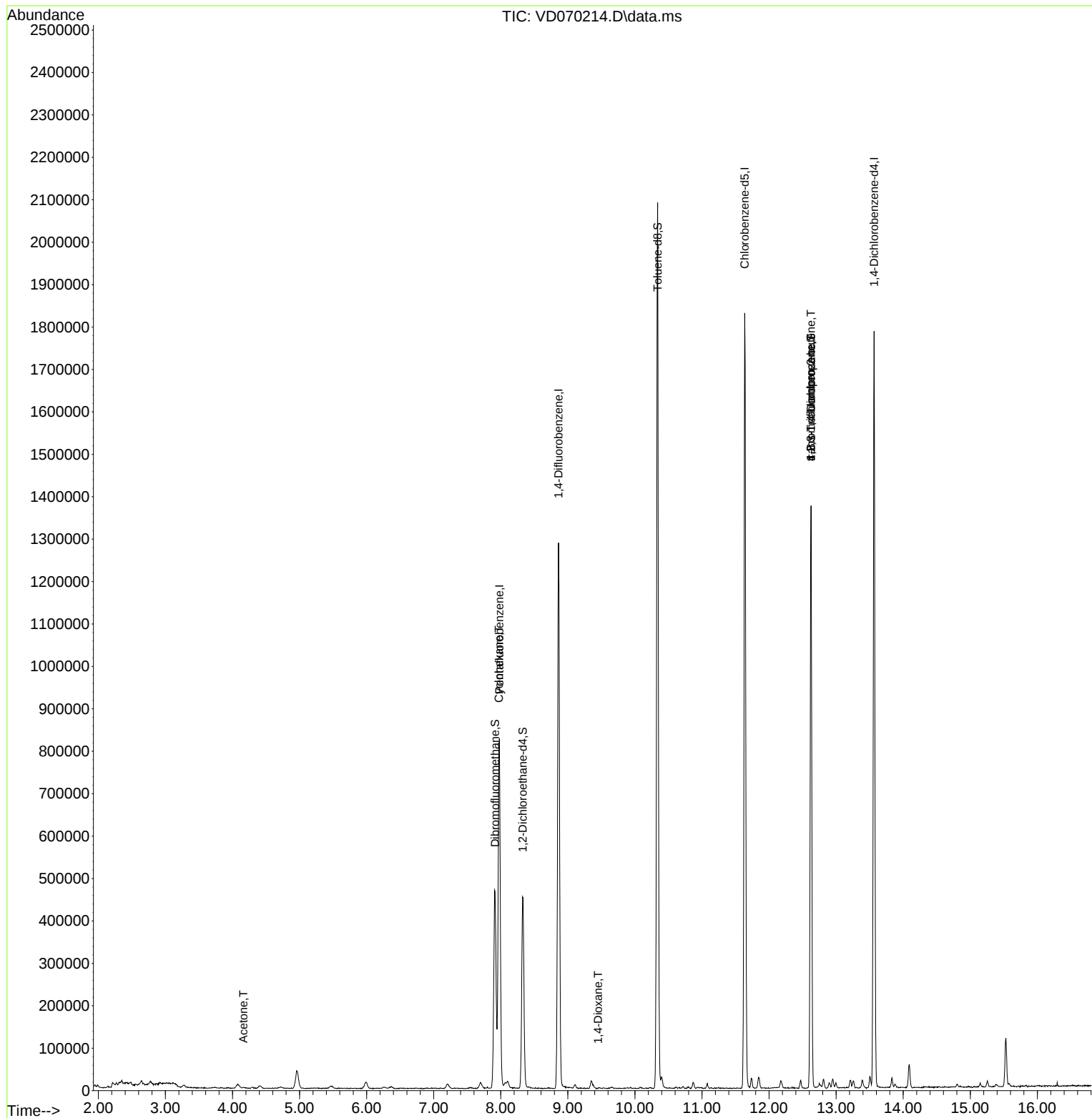
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.985	85	3453	Below Cal	87
3) Chloromethane	2.209	50	4831	Below Cal	# 66
5) Bromomethane	2.779	94	6012	Below Cal	94
16) Acetone	4.162	43	3258	2.647 ug/l	# 41
20) Methylene Chloride	4.956	84	32528	Below Cal	95
31) Cyclohexane	7.973	56	20533	1.552 ug/l	# 6
49) 1,4-Dioxane	9.450	88	76	1.634 ug/l	# 9
76) 1,2,3-Trichloropropane	12.626	75	228251	49.133 ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	228251	127.531 ug/l	# 18

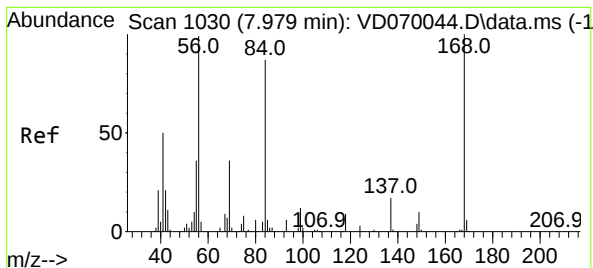
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Quant Time: Aug 24 01:29:37 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: VD070214.D

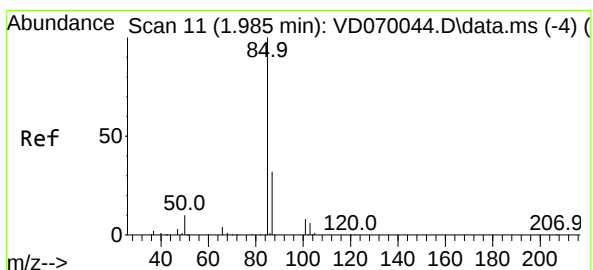
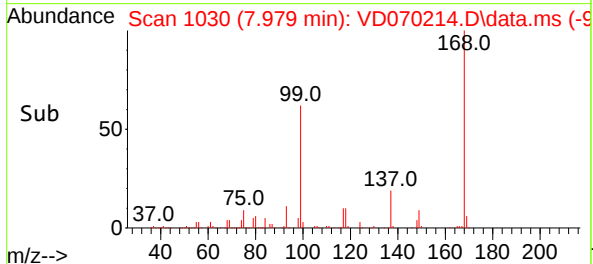
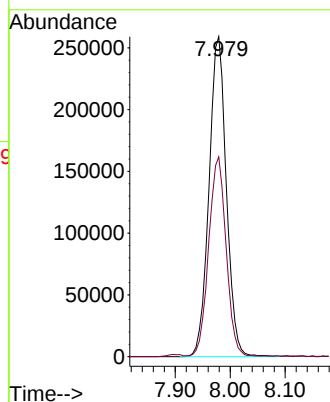
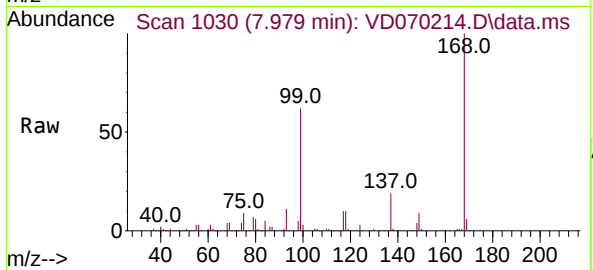
Acq: 23 Aug 2021 11:33

Tgt Ion:168 Resp: 568147

Ion Ratio Lower Upper

168 100

99 62.3 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD070214.D

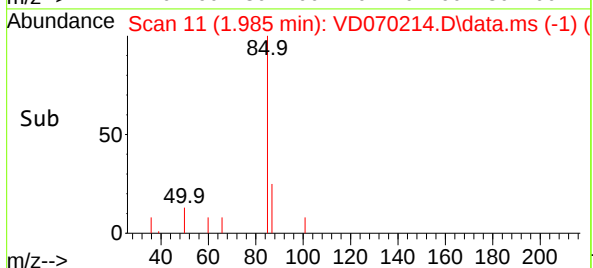
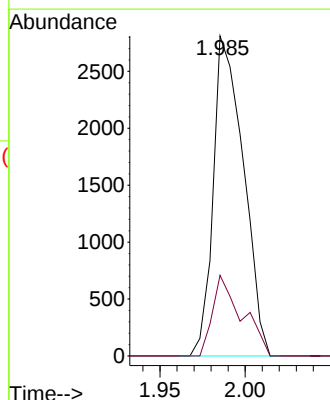
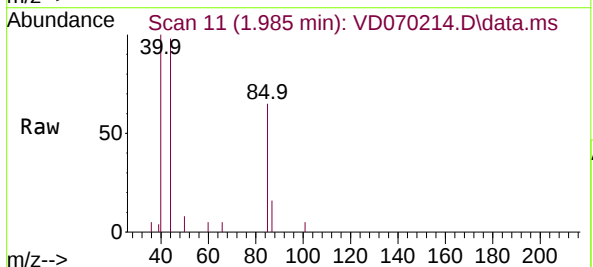
Acq: 23 Aug 2021 11:33

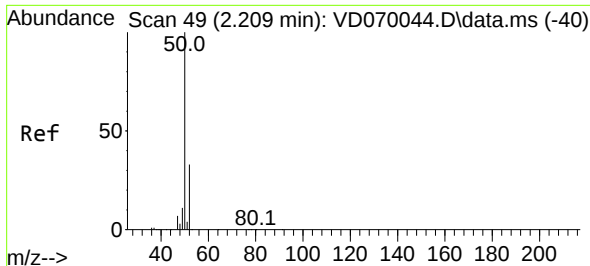
Tgt Ion: 85 Resp: 3453

Ion Ratio Lower Upper

85 100

87 25.2 16.2 48.6

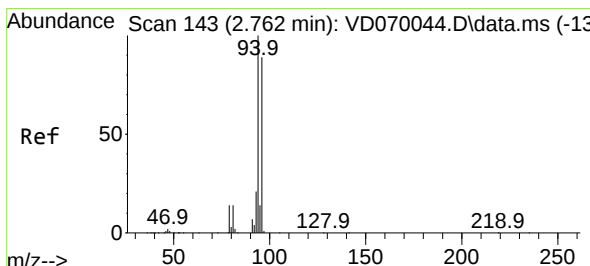
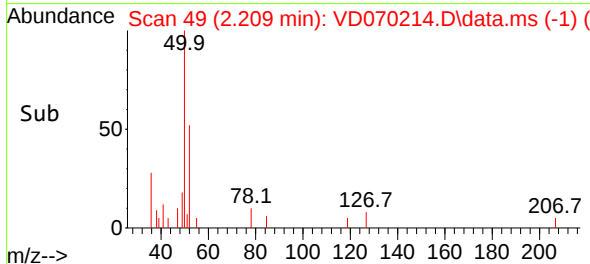
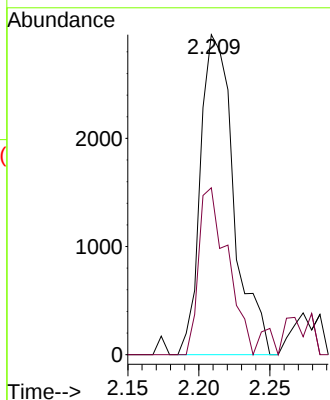
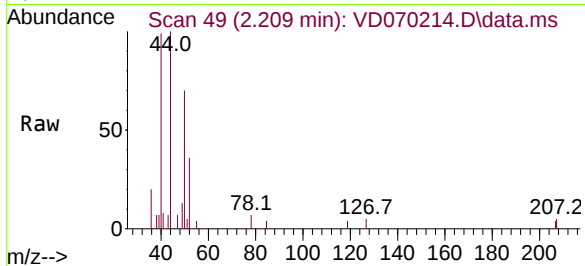




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070214.D
Acq: 23 Aug 2021 11:33

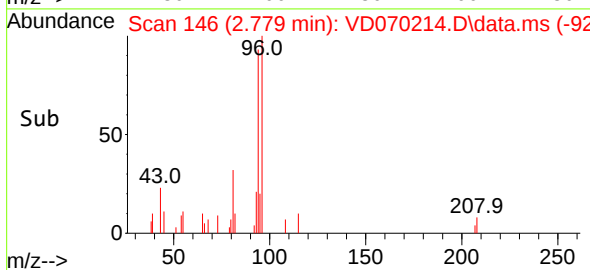
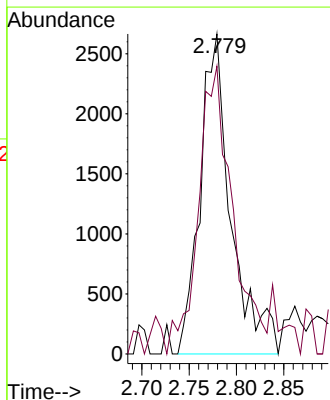
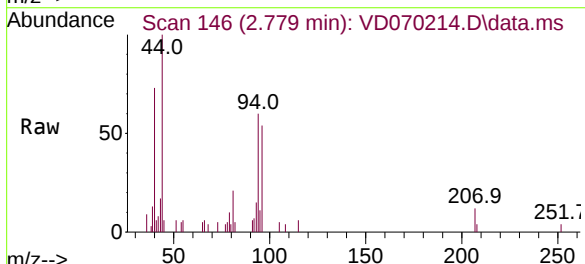
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 50 Resp: 4831
Ion Ratio Lower Upper
50 100
52 52.1 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070214.D
Acq: 23 Aug 2021 11:33

Tgt Ion: 94 Resp: 6012
Ion Ratio Lower Upper
94 100
96 82.9 70.9 106.3

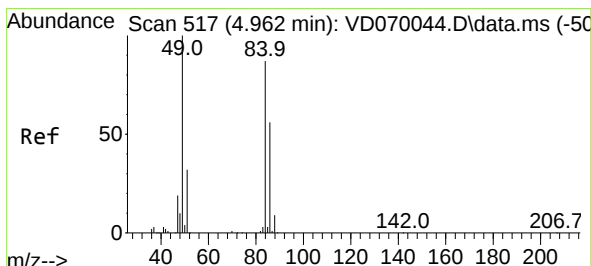
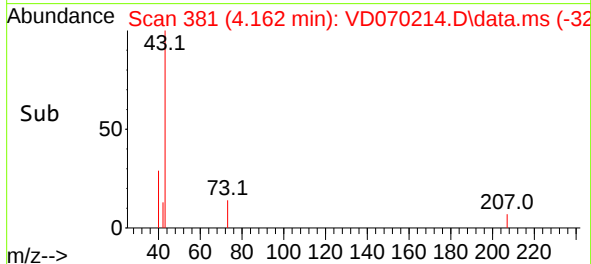
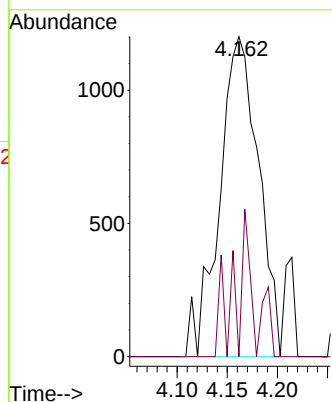
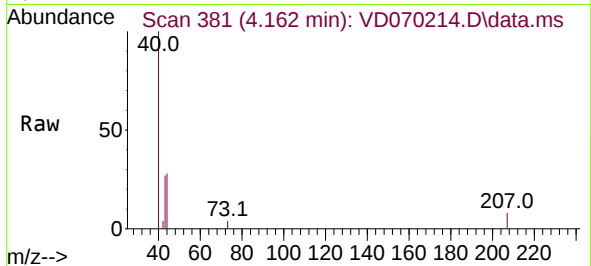




#16
Acetone
Concen: 2.647 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070214.D
Acq: 23 Aug 2021 11:33

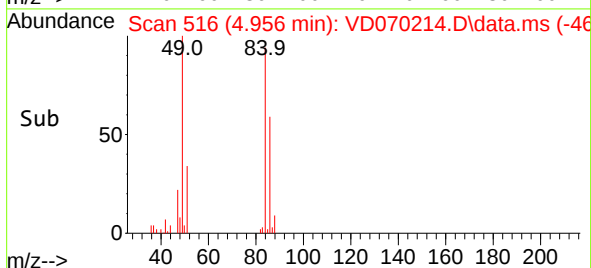
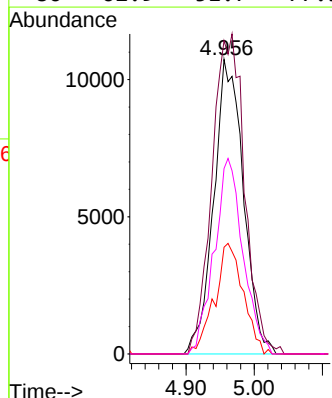
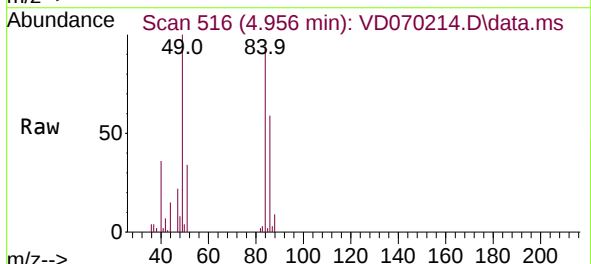
Instrument :
MSVOA_D
ClientSampled :

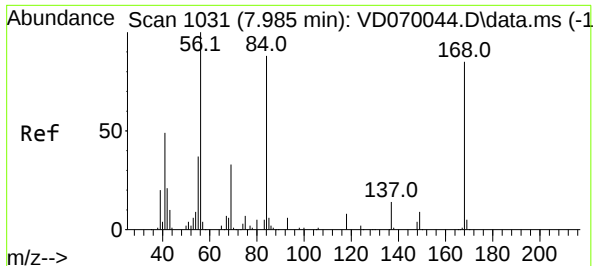
Tgt Ion: 43 Resp: 3258
Ion Ratio Lower Upper
43 100
58 0.0 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070214.D
Acq: 23 Aug 2021 11:33

Tgt Ion: 84 Resp: 32528
Ion Ratio Lower Upper
84 100
49 106.4 92.5 138.7
51 36.3 29.7 44.5
86 62.9 51.7 77.5

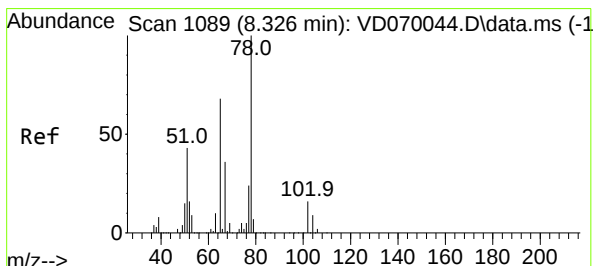
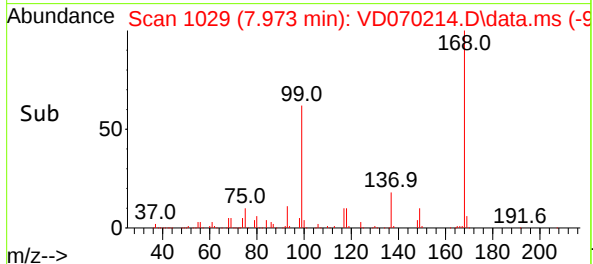
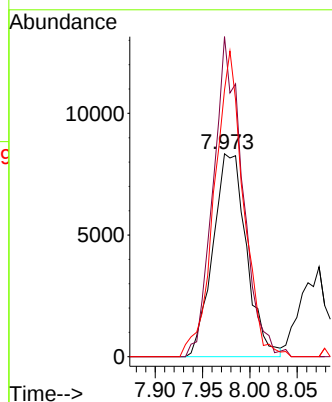
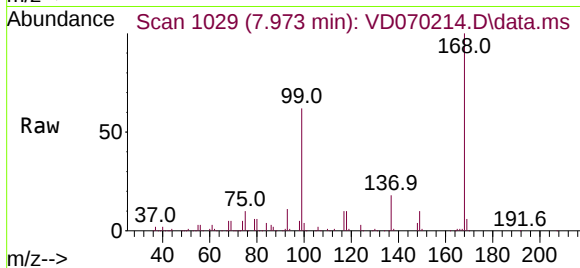




#31
Cyclohexane
Concen: 1.552 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070214.D
Acq: 23 Aug 2021 11:33

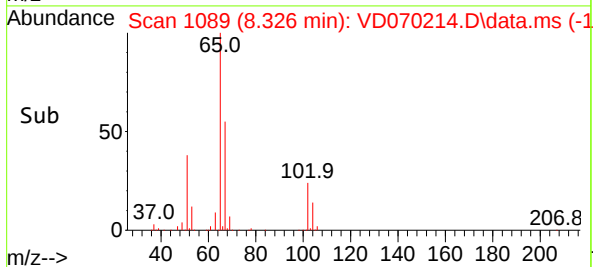
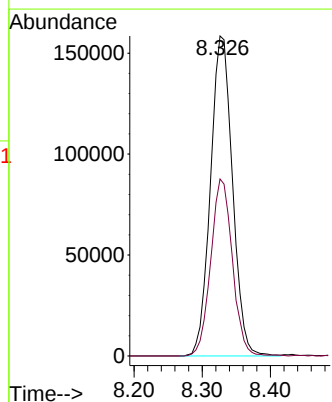
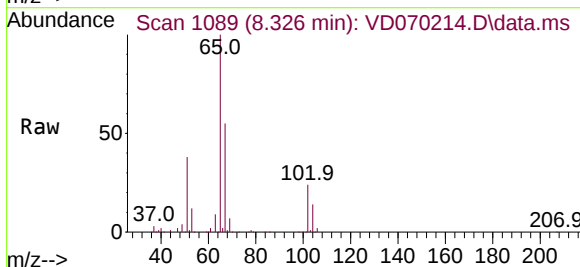
Instrument :
MSVOA_D
ClientSampleId :

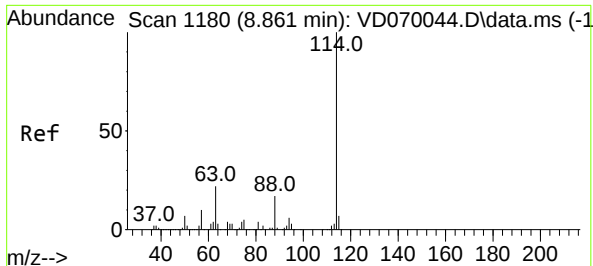
Tgt Ion: 56 Resp: 20533
Ion Ratio Lower Upper
56 100
69 157.7 26.7 40.1#
84 131.5 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 53.374 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070214.D
Acq: 23 Aug 2021 11:33

Tgt Ion: 65 Resp: 356661
Ion Ratio Lower Upper
65 100
67 54.3 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: VD070214.D

Acq: 23 Aug 2021 11:33

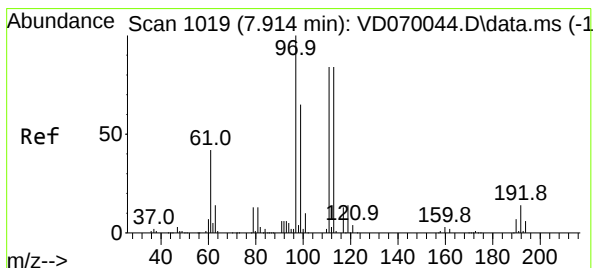
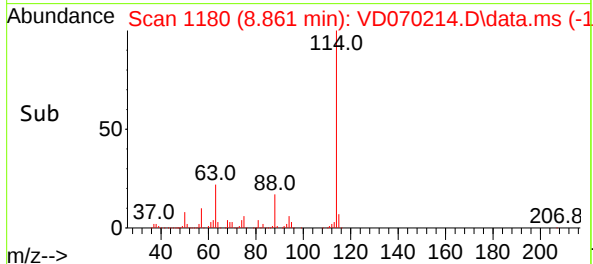
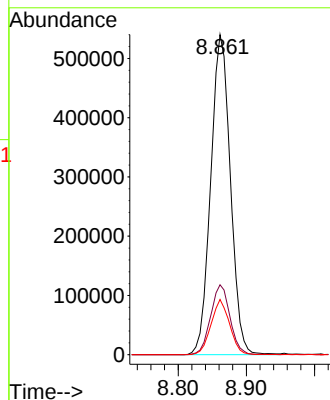
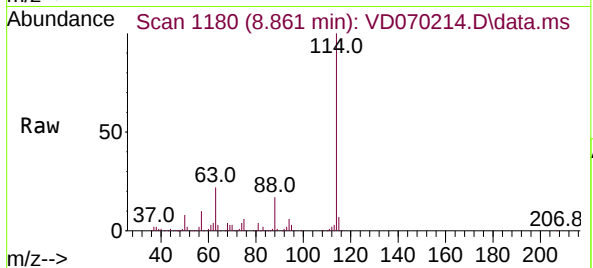
Tgt Ion:114 Resp: 1085332

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.6

88 17.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.801 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070214.D

Acq: 23 Aug 2021 11:33

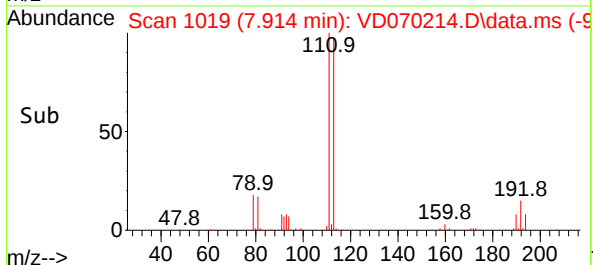
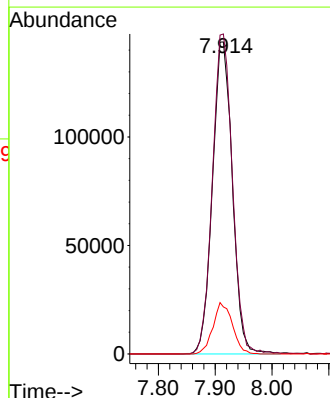
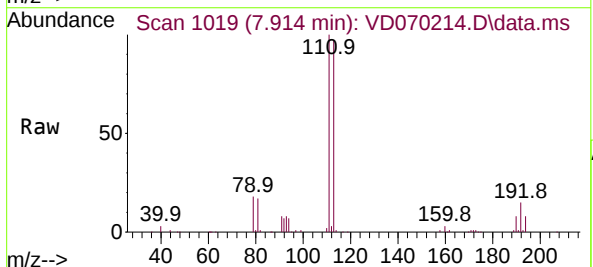
Tgt Ion:113 Resp: 349204

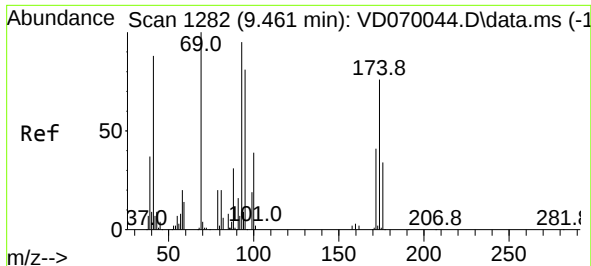
Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

192 16.1 13.2 19.8





#49

1,4-Dioxane

Concen: 1.634 ug/l

RT: 9.450 min Scan# 1280

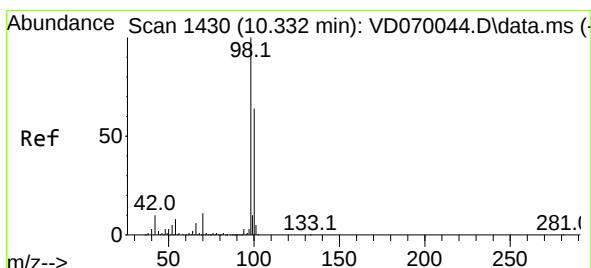
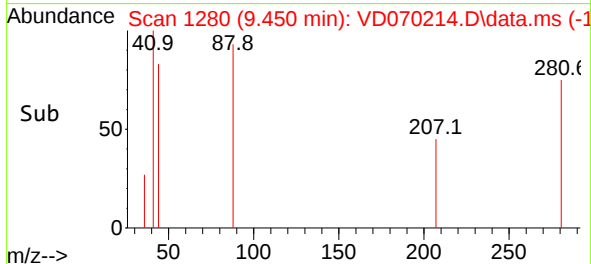
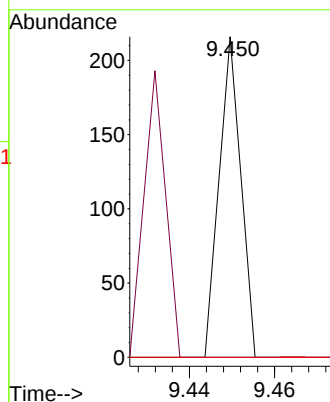
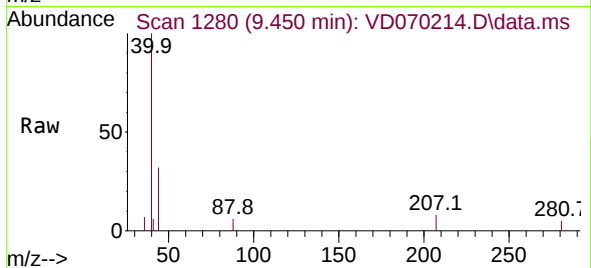
Delta R.T. -0.012 min

Lab File: VD070214.D

Acq: 23 Aug 2021 11:33

Tgt Ion:	88	Resp:	76
Ion	Ratio	Lower	Upper
88	100		
43	89.5	25.8	38.6#
58	0.0	57.4	86.2#

Instrument :
MSVOA_D
ClientSampleId :



#50

Toluene-d8

Concen: 51.517 ug/l

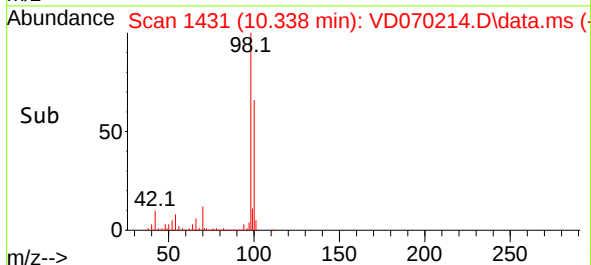
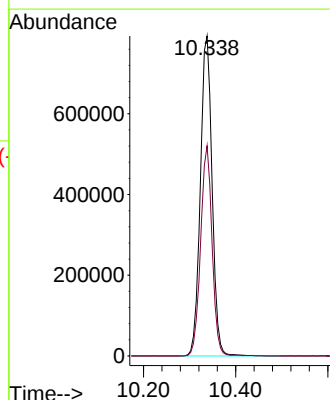
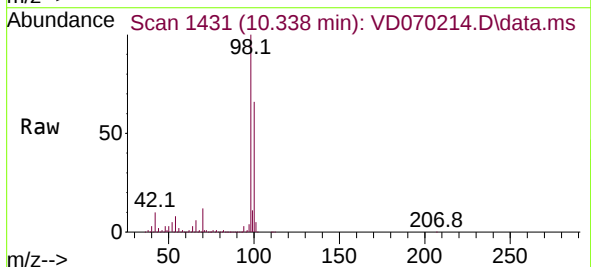
RT: 10.338 min Scan# 1431

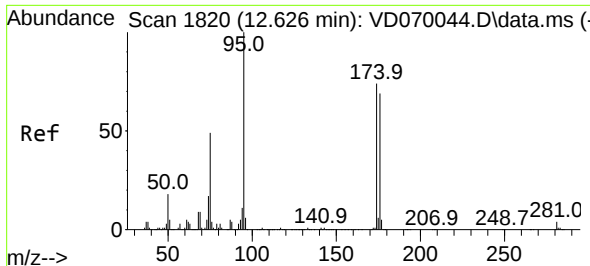
Delta R.T. 0.006 min

Lab File: VD070214.D

Acq: 23 Aug 2021 11:33

Tgt Ion:	98	Resp:	1404999
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8

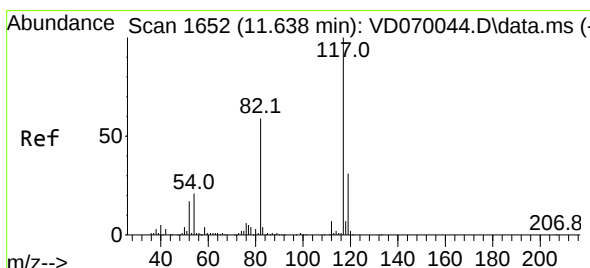
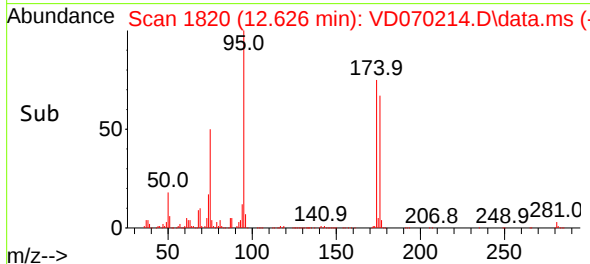
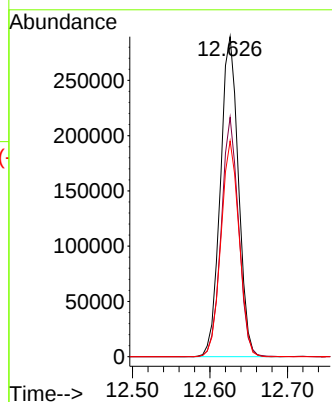
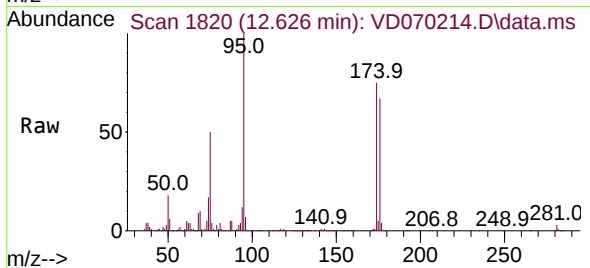




#62
4-Bromofluorobenzene
Concen: 52.145 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070214.D
Acq: 23 Aug 2021 11:33

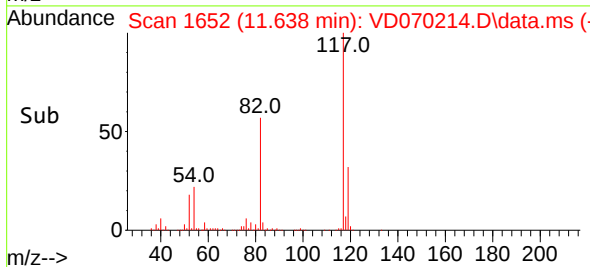
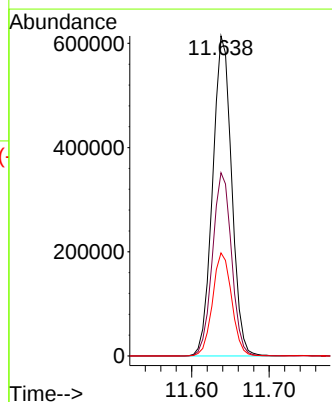
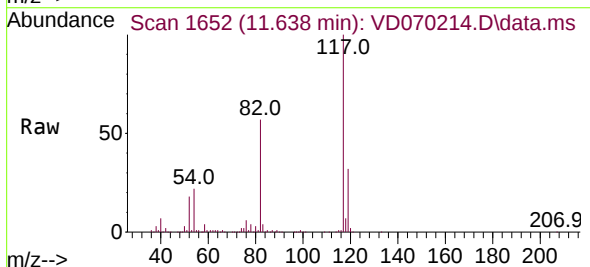
Instrument :
MSVOA_D
ClientSampleId :

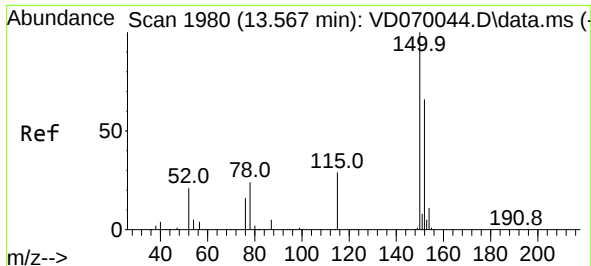
Tgt Ion: 95 Resp: 468411
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 67.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070214.D
Acq: 23 Aug 2021 11:33

Tgt Ion: 117 Resp: 1046920
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 32.2 25.1 37.7

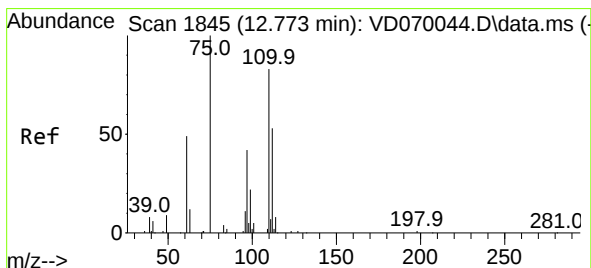
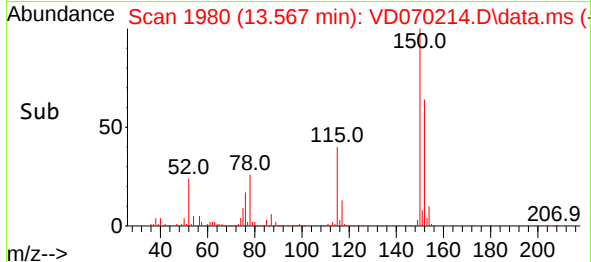
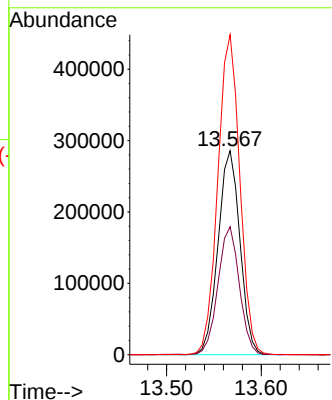
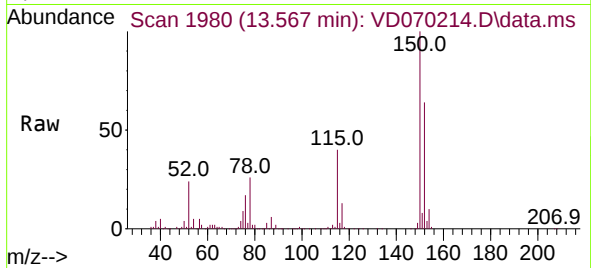




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070214.D
 Acq: 23 Aug 2021 11:33

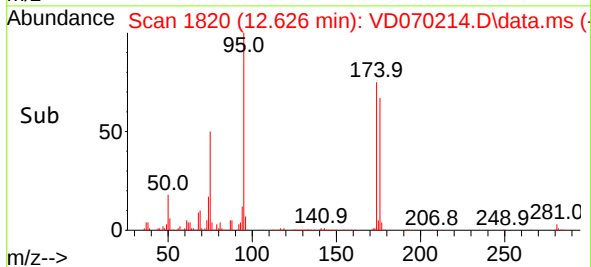
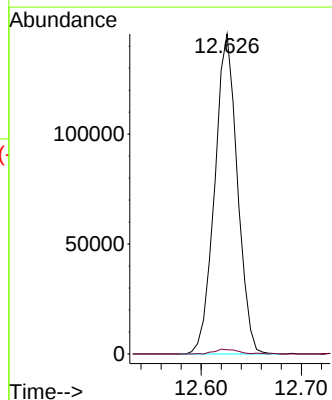
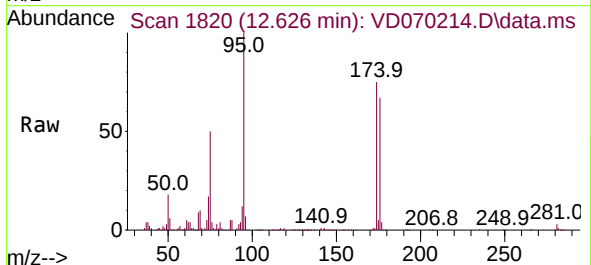
Instrument :
 MSVOA_D
 ClientSampled :

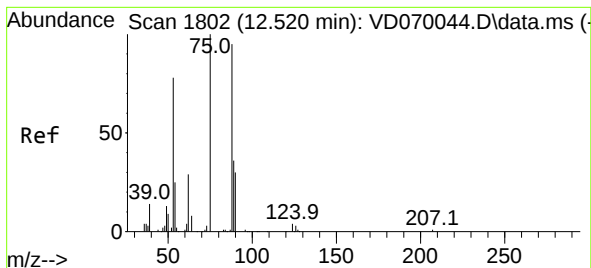
Tgt Ion:152 Resp: 458082
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.2 93.6
 150 157.8 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 49.133 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070214.D
 Acq: 23 Aug 2021 11:33

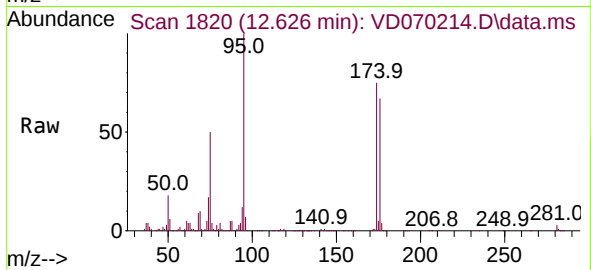
Tgt Ion: 75 Resp: 228251
 Ion Ratio Lower Upper
 75 100
 77 1.6 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.531 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070214.D
 Acq: 23 Aug 2021 11:33

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.4	64.5	96.7#
89	0.0	33.7	50.5#

