

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070086.D
 Acq On : 17 Aug 2021 14:14
 Operator : VA/SY
 Sample : M3425-16RE
 Misc : 14.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 23N

Quant Time: Aug 18 03:06:43 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

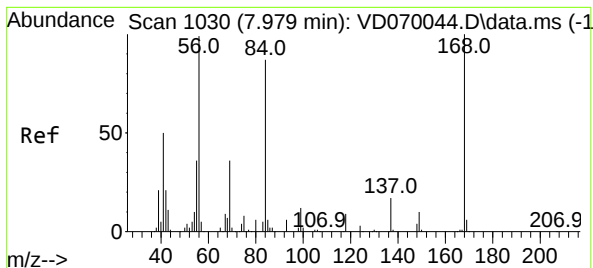
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	290087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	621116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	645556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	261150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	272055	79.738	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 159.480%			
35) Dibromofluoromethane	7.914	113	218561	54.466	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.940%			
50) Toluene-d8	10.338	98	820478	52.569	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.140%			
62) 4-Bromofluorobenzene	12.626	95	261653	50.898	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.800%			
Target Compounds						
2) Dichlorodifluoromethane	1.997	85	727	Below Cal	#	42
3) Chloromethane	2.209	50	1935	Below Cal	#	83
5) Bromomethane	2.785	94	2662	Below Cal		83
11) Tert butyl alcohol	5.203	59	996	5.281	ug/l #	71
16) Acetone	4.156	43	47460	75.510	ug/l	95
20) Methylene Chloride	4.967	84	7642	Below Cal	#	87
31) Cyclohexane	7.967	56	7168	1.061	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	25584	3.829	ug/l #	49
38) Carbon Tetrachloride	7.985	117	30814	5.080	ug/l #	13
51) 4-Methyl-2-Pentanone	10.220	43	5207	2.210	ug/l	96
76) 1,2,3-Trichloropropane	12.626	75	123448	46.612	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	123448	120.987	ug/l #	18

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

Quant Time: Aug 18 03:06:43 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

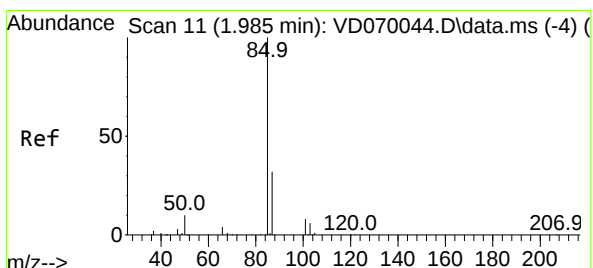
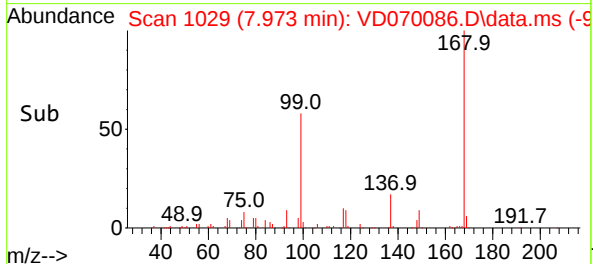
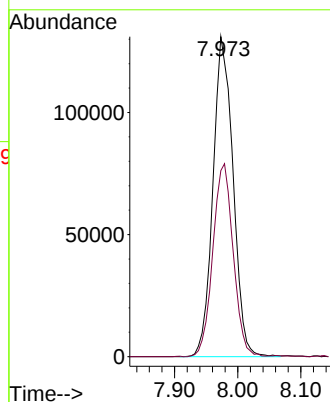
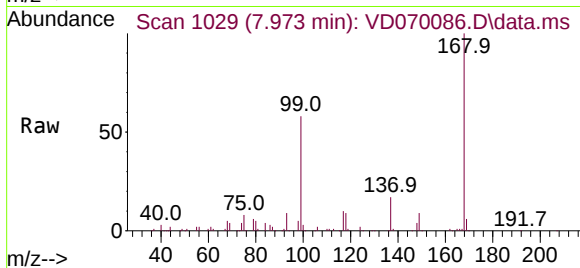




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

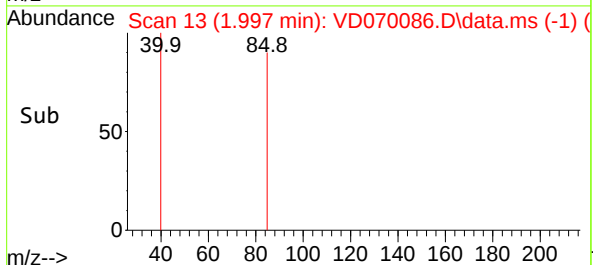
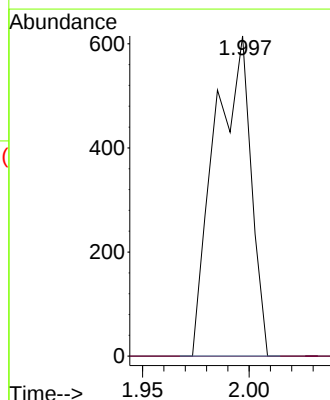
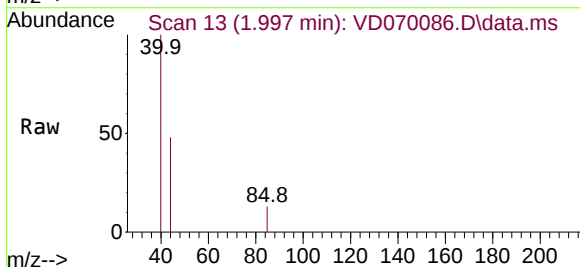
Instrument :
MSVOA_D
ClientSampled :
23N

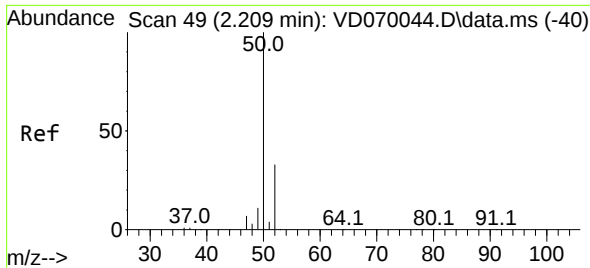
Tgt Ion:168 Resp: 290087
Ion Ratio Lower Upper
168 100
99 58.0 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion: 85 Resp: 727
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

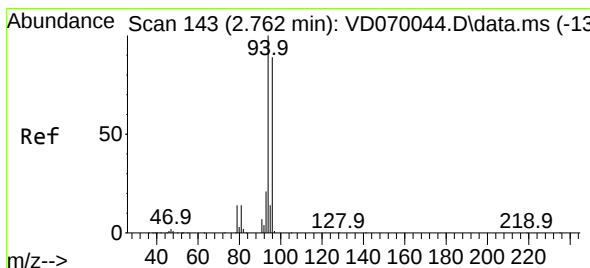
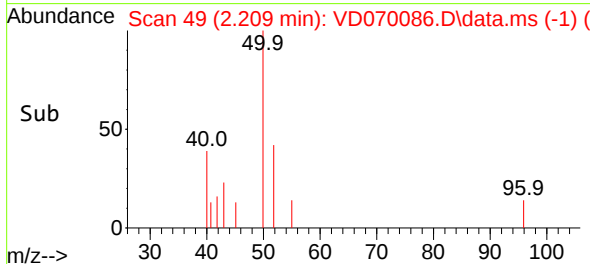
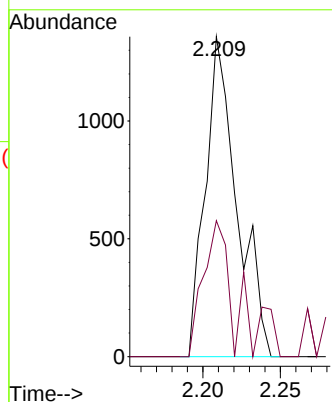
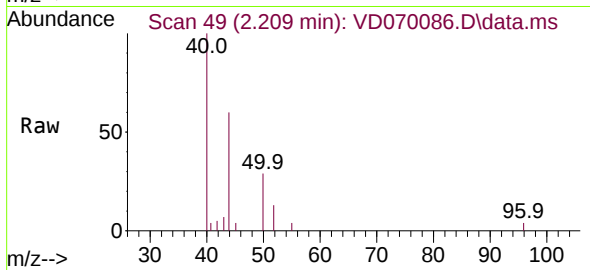




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

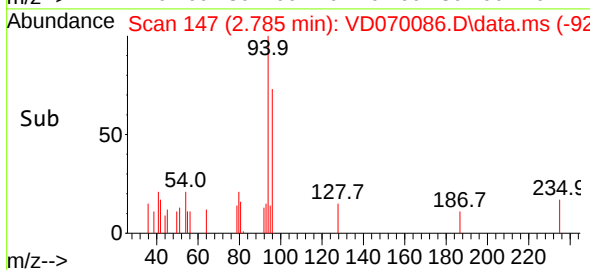
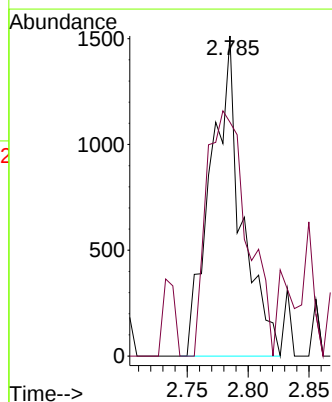
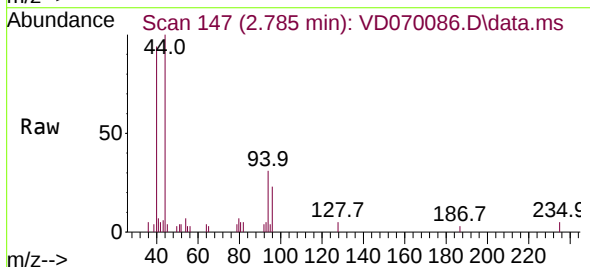
Instrument :
MSVOA_D
ClientSampled :
23N

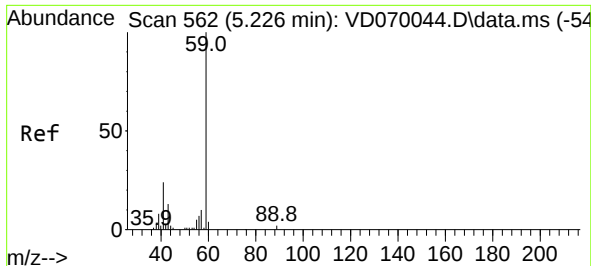
Tgt Ion: 50 Resp: 1935
Ion Ratio Lower Upper
50 100
52 42.5 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion: 94 Resp: 2662
Ion Ratio Lower Upper
94 100
96 73.0 70.9 106.3



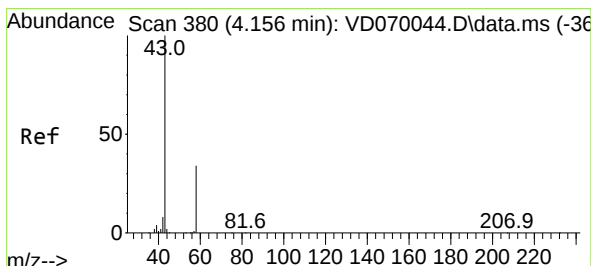
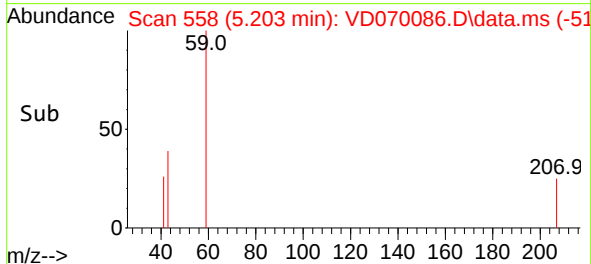
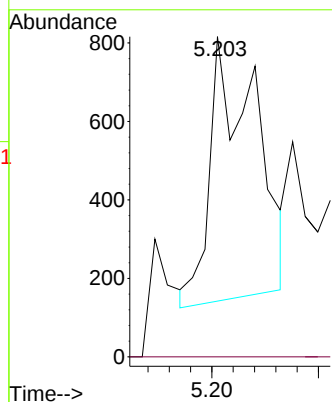
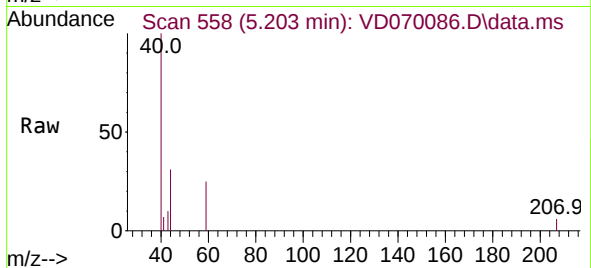


#11

Tert butyl alcohol
Concen: 5.281 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.024 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Instrument :
MSVOA_D
ClientSampled :
23N

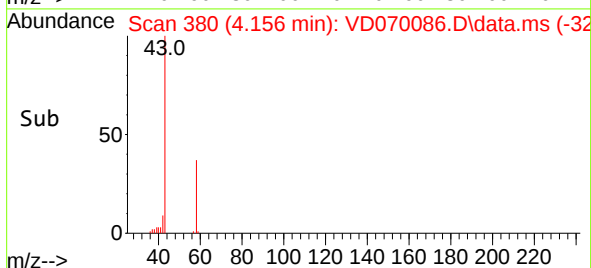
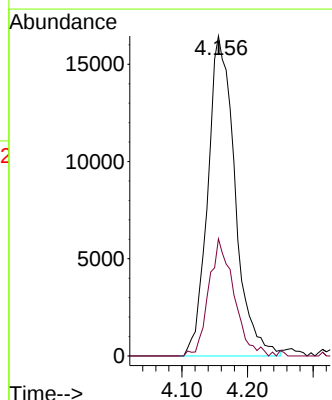
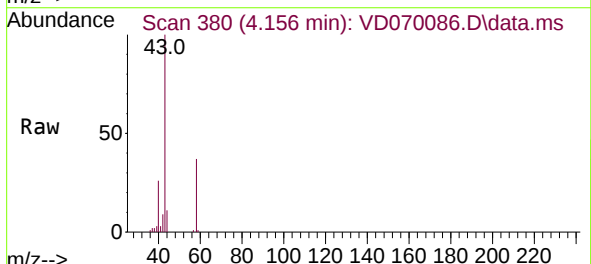
Tgt Ion: 59 Resp: 996
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

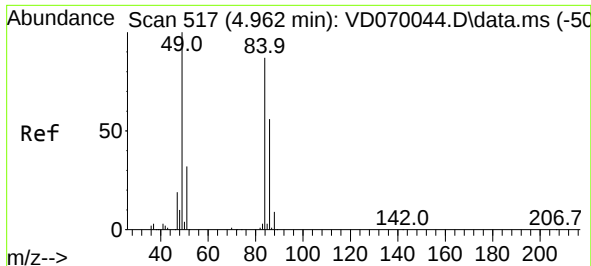


#16

Acetone
Concen: 75.510 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

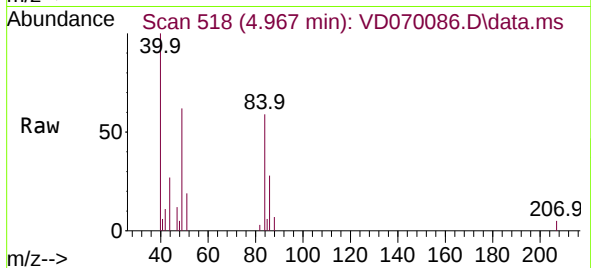
Tgt Ion: 43 Resp: 47460
Ion Ratio Lower Upper
43 100
58 36.6 26.8 40.2



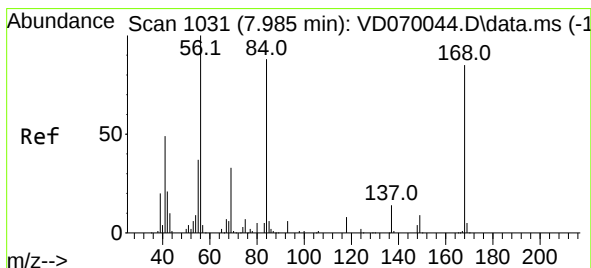
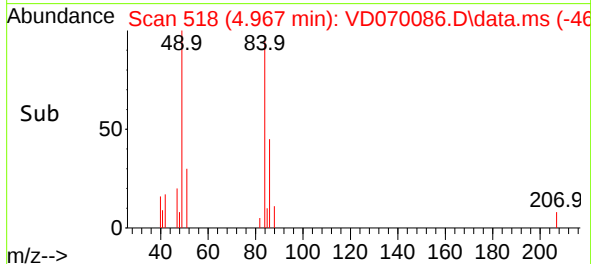
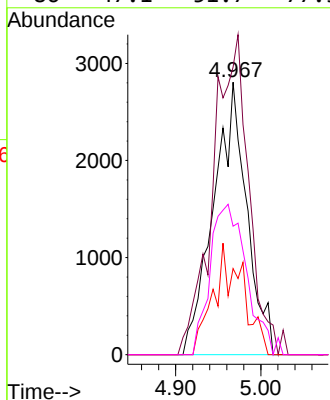


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Instrument :
MSVOA_D
ClientSampled :
23N

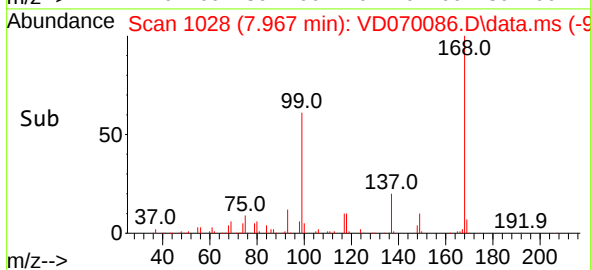
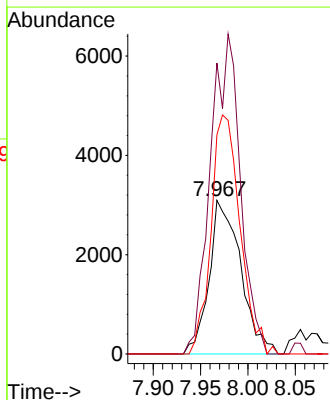
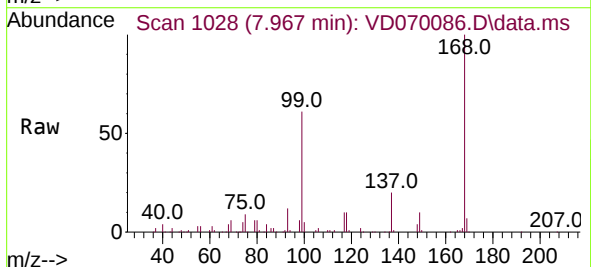


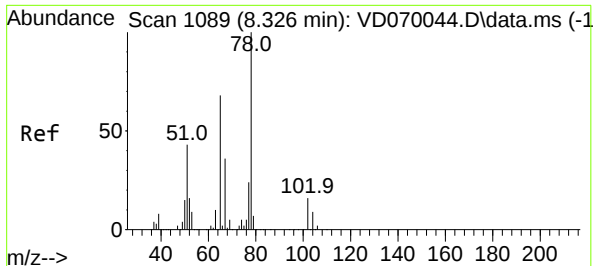
Tgt Ion:	84	Resp:	7642
Ion	Ratio	Lower	Upper
84	100		
49	105.5	92.5	138.7
51	31.6	29.7	44.5
86	47.1	51.7	77.5#



#31
Cyclohexane
Concen: 1.061 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.018 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion:	56	Resp:	7168
Ion	Ratio	Lower	Upper
56	100		
69	189.4	26.7	40.1#
84	142.7	70.4	105.6#

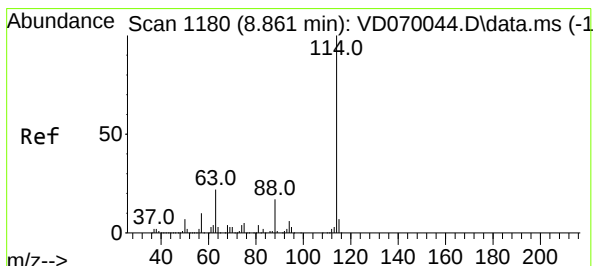
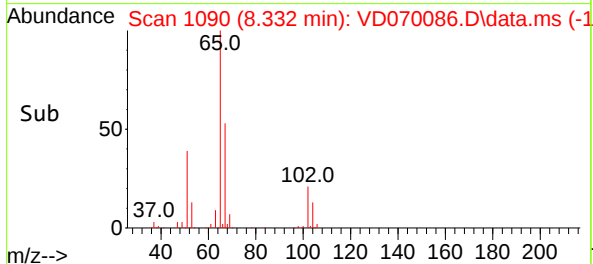
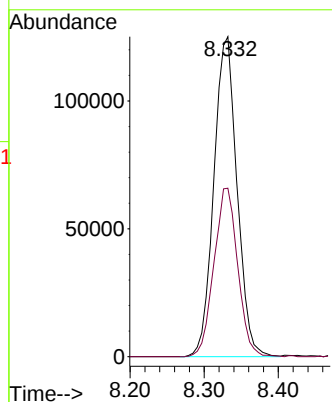
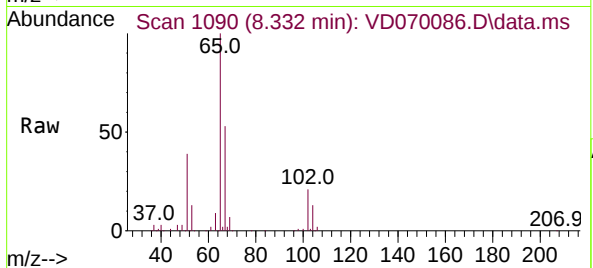




#33
1,2-Dichloroethane-d4
Concen: 79.738 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

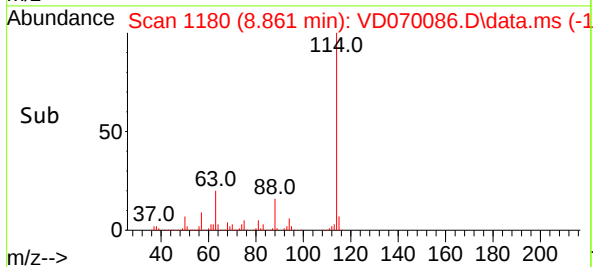
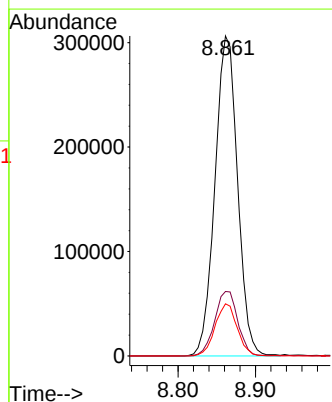
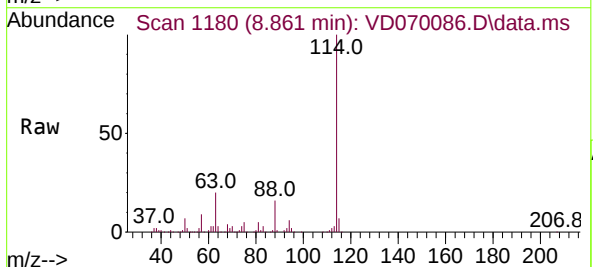
Instrument :
MSVOA_D
ClientSampled :
23N

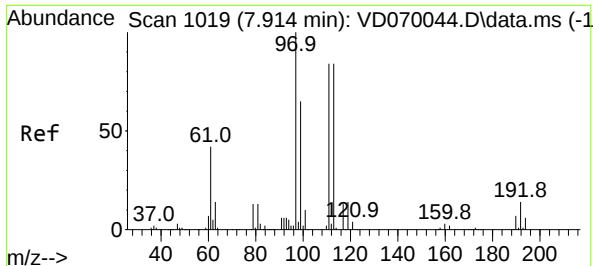
Tgt Ion: 65 Resp: 272055
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion: 114 Resp: 621116
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.6
88 16.3 0.0 33.4

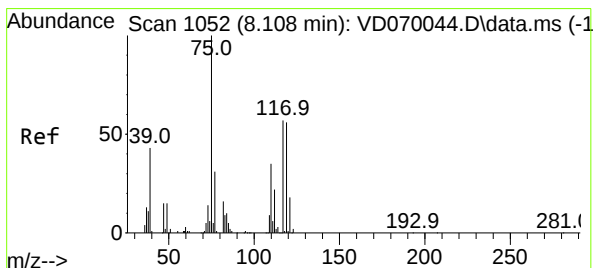
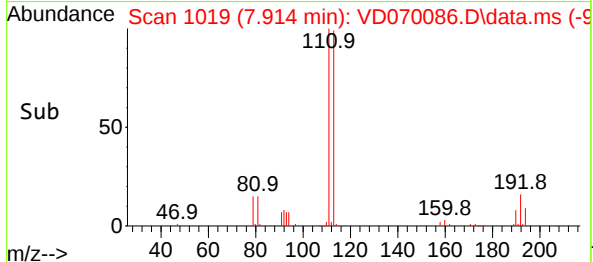
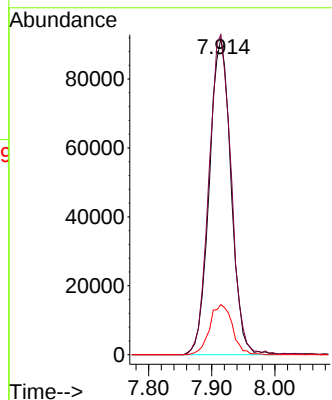
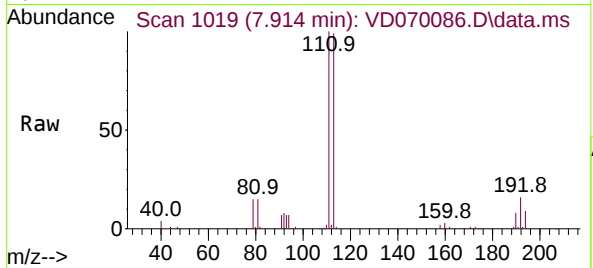




#35
Dibromofluoromethane
Concen: 54.466 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

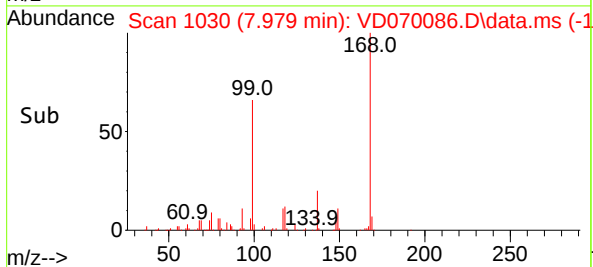
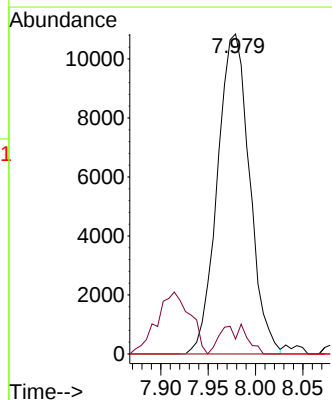
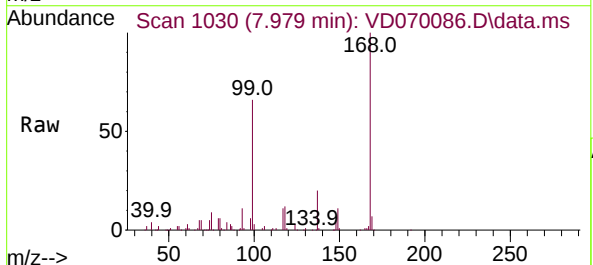
Instrument :
MSVOA_D
ClientSampled :
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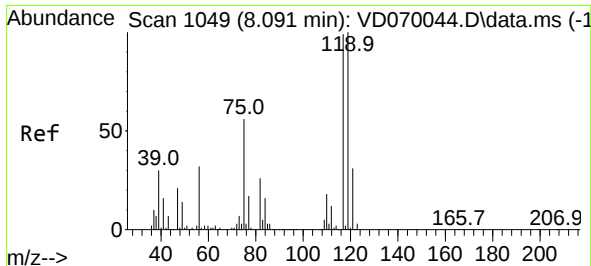
Tgt Ion:113 Resp: 218561
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.6 13.2 19.8



#36
1,1-Dichloropropene
Concen: 3.829 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

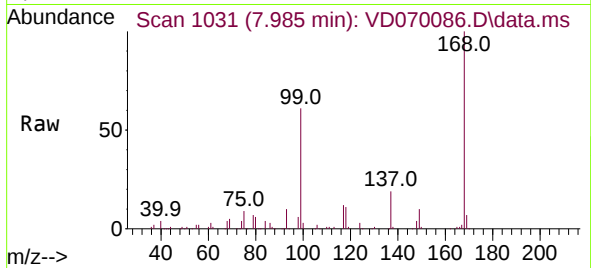
Tgt Ion: 75 Resp: 25584
Ion Ratio Lower Upper
75 100
110 7.3 16.9 50.7#
77 0.0 25.2 37.8#



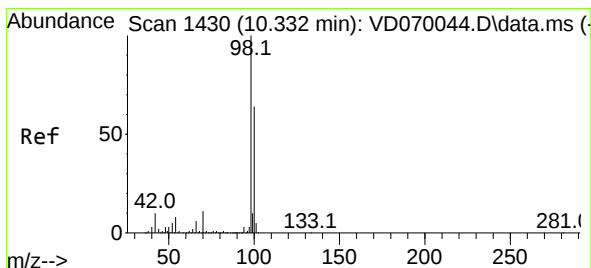
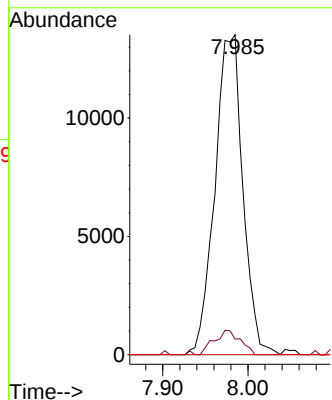
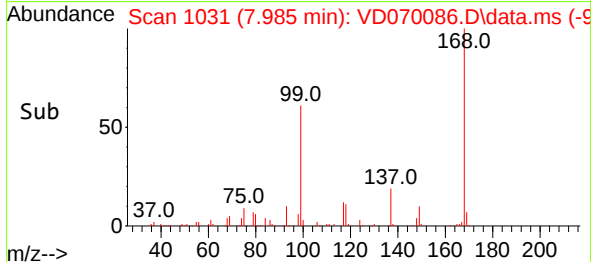


#38
Carbon Tetrachloride
Concen: 5.080 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.106 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

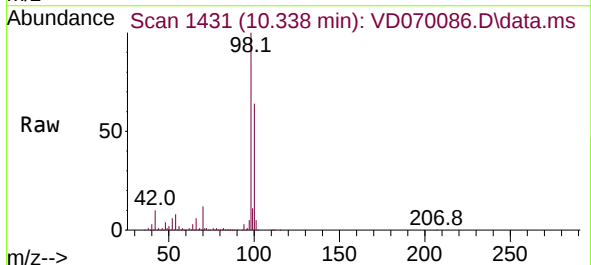
Instrument :
MSVOA_D
ClientSampled :
23N



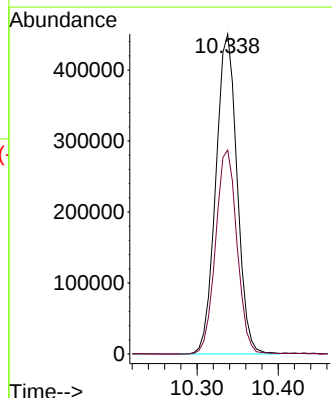
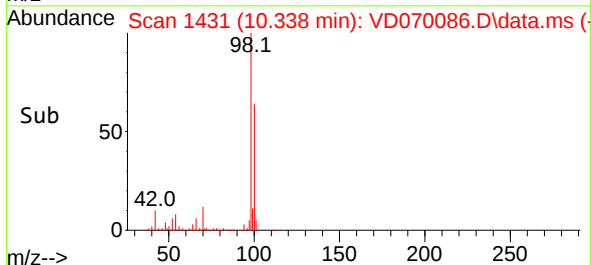
Tgt Ion:117 Resp: 30814
Ion Ratio Lower Upper
117 100
119 4.9 81.0 121.6#
121 0.0 25.0 37.6#

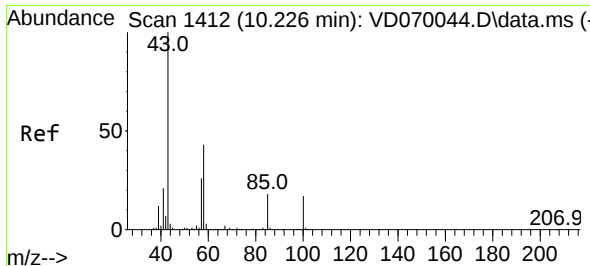


#50
Toluene-d8
Concen: 52.569 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14



Tgt Ion: 98 Resp: 820478
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

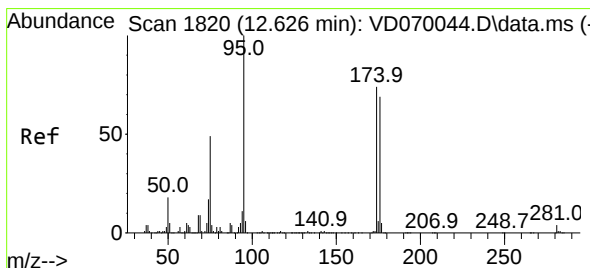
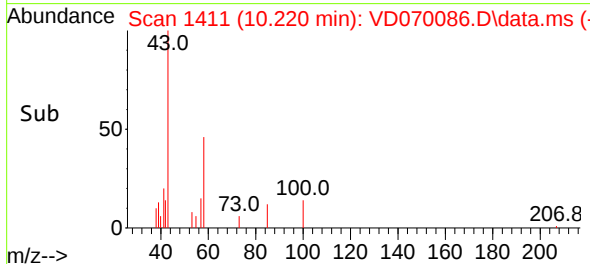
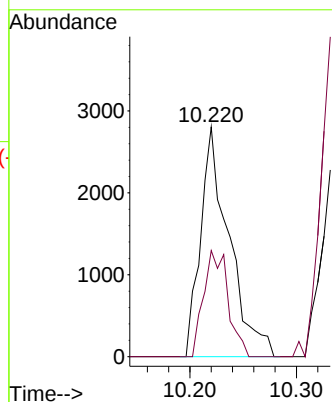
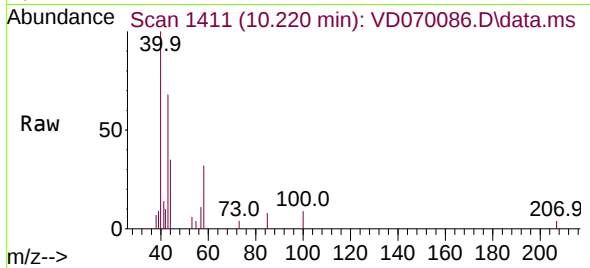




#51
4-Methyl-2-Pentanone
Concen: 2.210 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

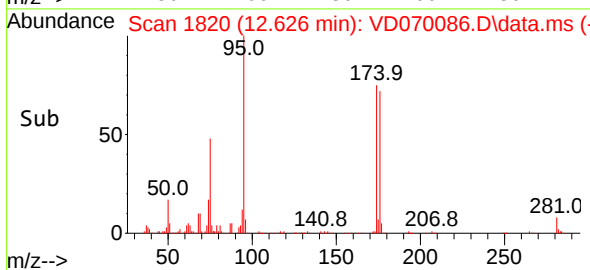
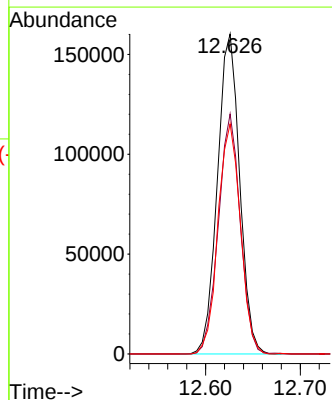
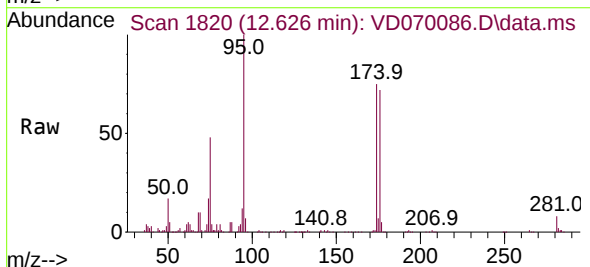
Instrument :
MSVOA_D
ClientSampleId :
23N

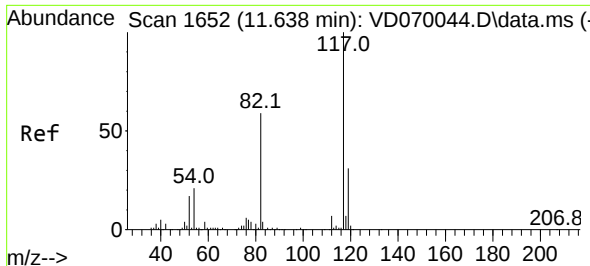
Tgt Ion: 43 Resp: 5207
Ion Ratio Lower Upper
43 100
58 39.8 33.9 50.9



#62
4-Bromofluorobenzene
Concen: 50.898 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion: 95 Resp: 261653
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.6
176 72.4 0.0 138.2

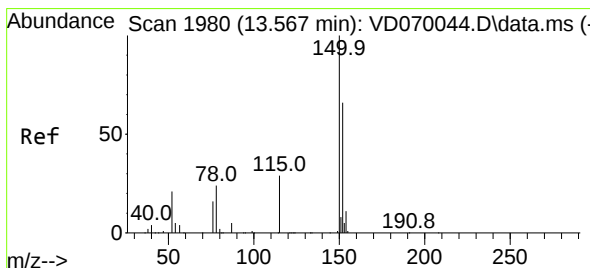
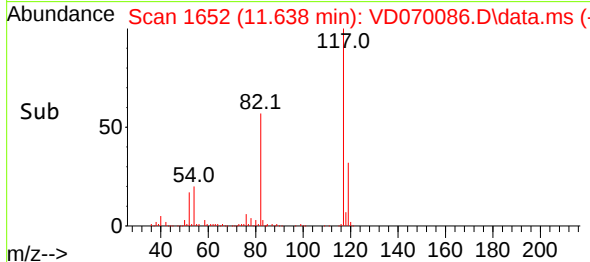
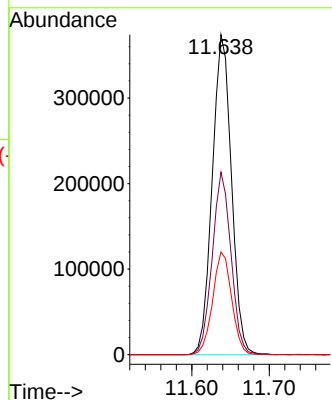
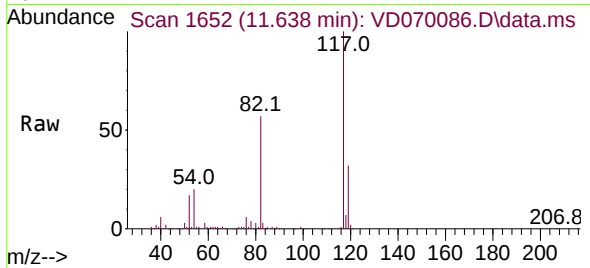




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

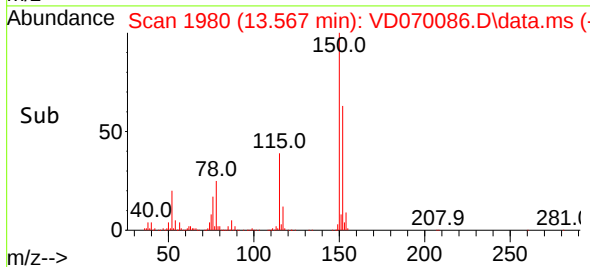
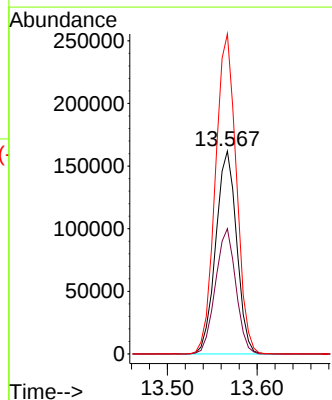
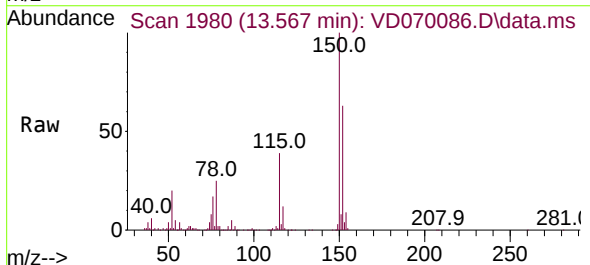
Instrument :
MSVOA_D
ClientSampled :
23N

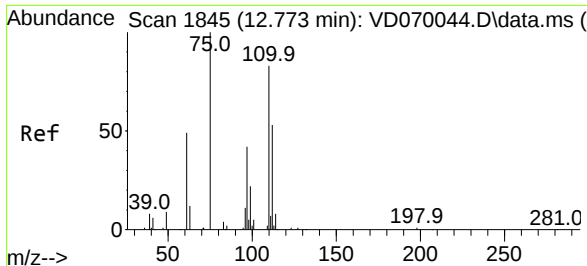
Tgt Ion:117 Resp: 645556
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 32.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion:152 Resp: 261150
Ion Ratio Lower Upper
152 100
115 60.5 31.2 93.6
150 158.6 0.0 352.0

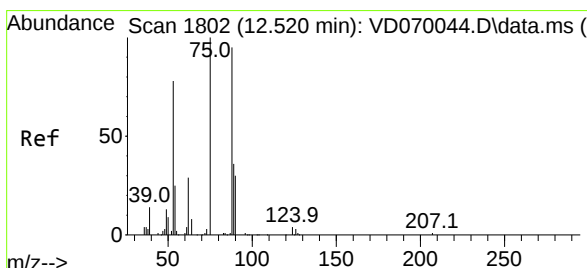
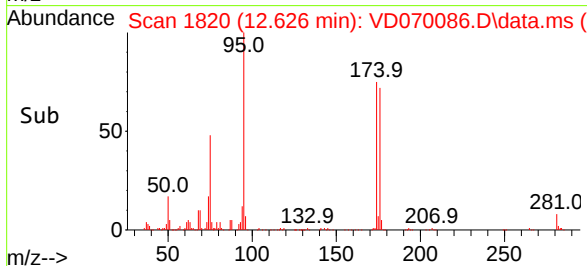
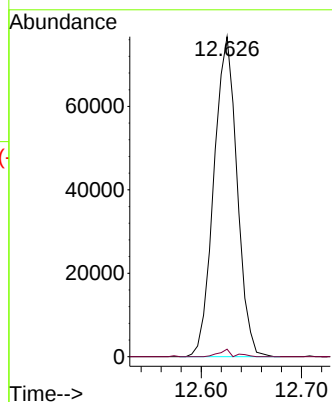
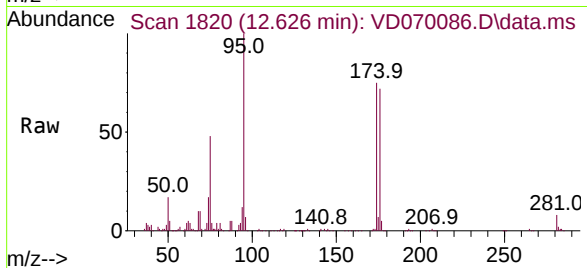




#76
1,2,3-Trichloropropane
Concen: 46.612 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Instrument :
MSVOA_D
ClientSampleId :
23N

Tgt Ion: 75 Resp: 123448
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.987 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070086.D
Acq: 17 Aug 2021 14:14

Tgt Ion: 75 Resp: 123448
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.1 33.7 50.5#

