

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070066.D
 Acq On : 16 Aug 2021 14:54
 Operator : VA/SY
 Sample : M3368-17
 Misc : 9.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 17 03:56:17 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	582467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1176134	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1115909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	463100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	392488	57.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.580%
35) Dibromofluoromethane	7.914	113	380938	50.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.338	98	1501286	50.797	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.626	95	473998	48.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.380%

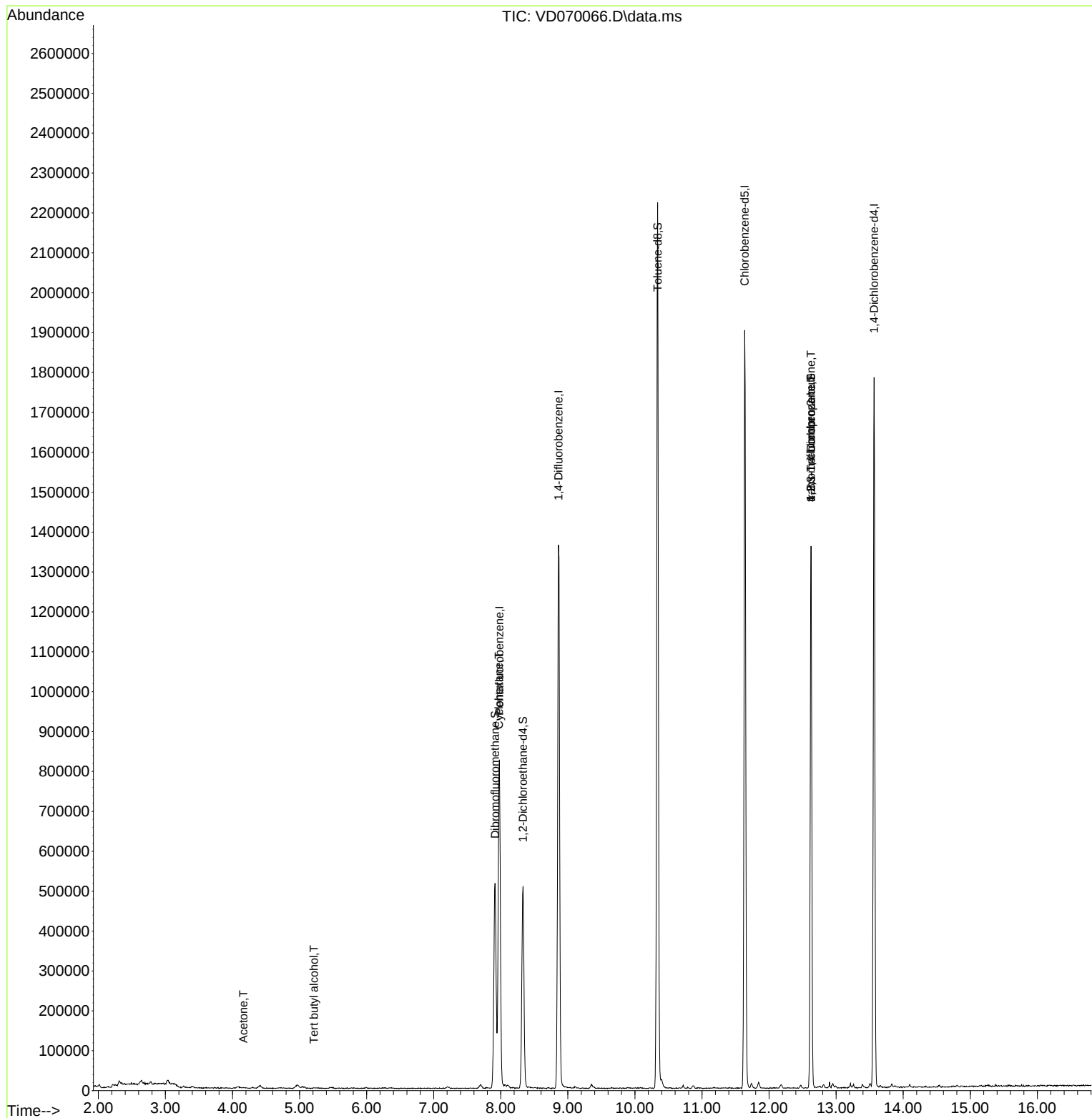
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	2151	Below Cal	77
3) Chloromethane	2.215	50	3933	Below Cal	# 88
5) Bromomethane	2.779	94	4074	Below Cal	# 78
11) Tert butyl alcohol	5.214	59	1205	3.182 ug/l	# 71
16) Acetone	4.162	43	3226	2.556 ug/l	# 68
20) Methylene Chloride	4.973	84	5911	Below Cal	95
31) Cyclohexane	7.973	56	16415	1.211 ug/l	# 2
76) 1,2,3-Trichloropropane	12.626	75	230295	49.036 ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	230295	127.279 ug/l	# 18

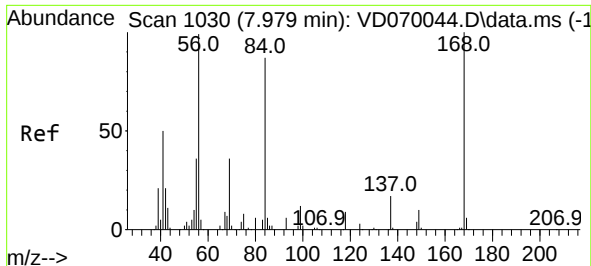
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

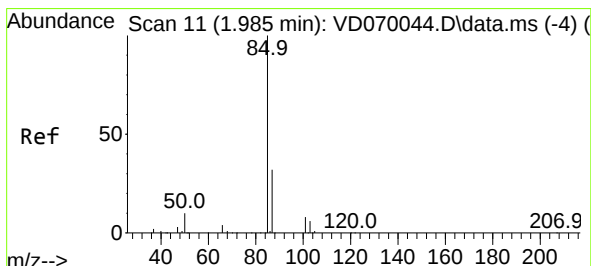
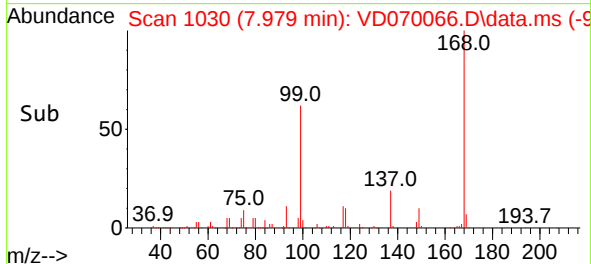
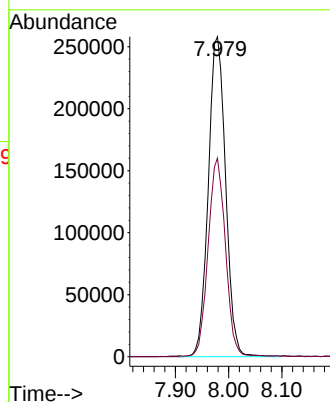
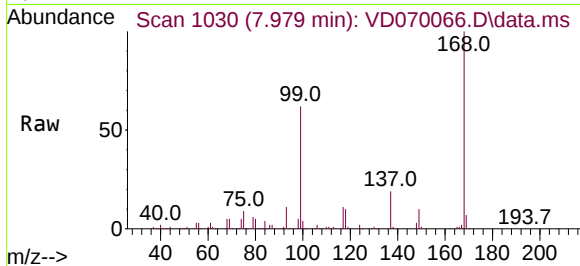




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

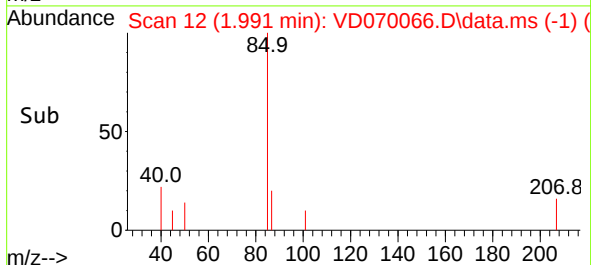
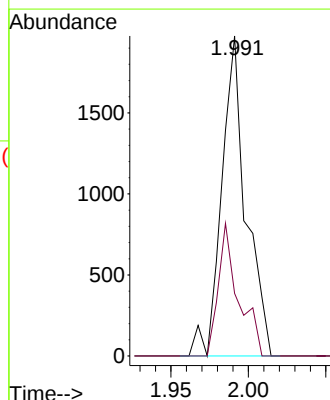
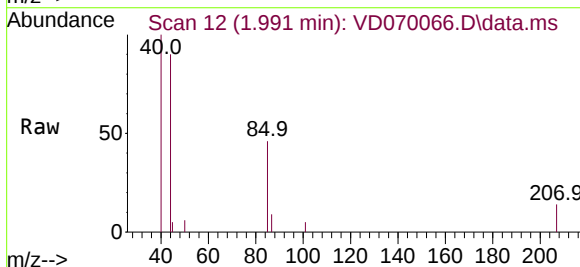
Instrument :
MSVOA_D
ClientSampled :

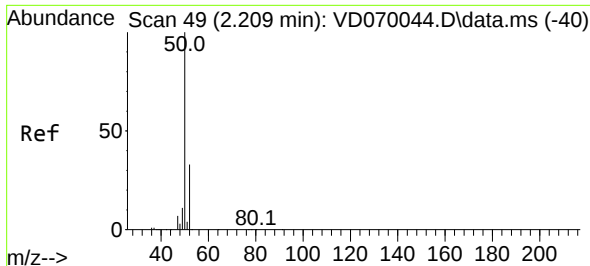
Tgt Ion:168 Resp: 582467
Ion Ratio Lower Upper
168 100
99 61.9 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Tgt Ion: 85 Resp: 2151
Ion Ratio Lower Upper
85 100
87 19.5 16.2 48.6

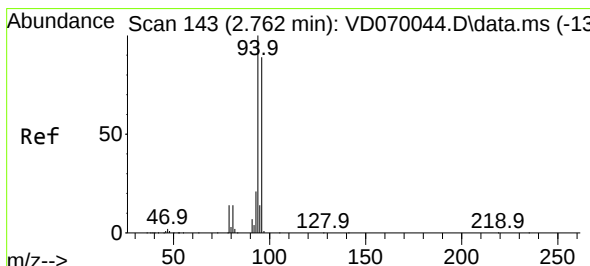
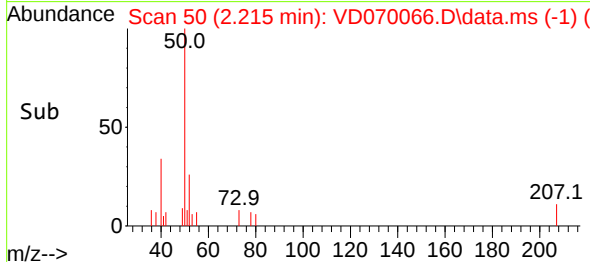
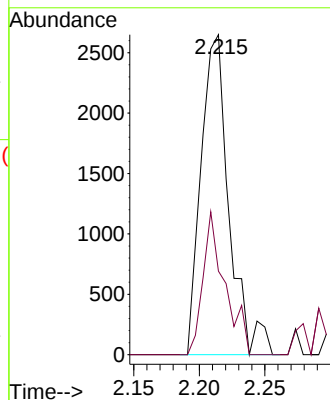
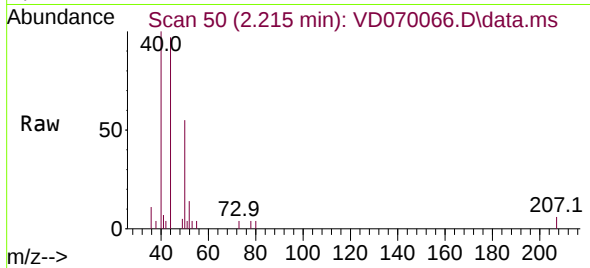




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

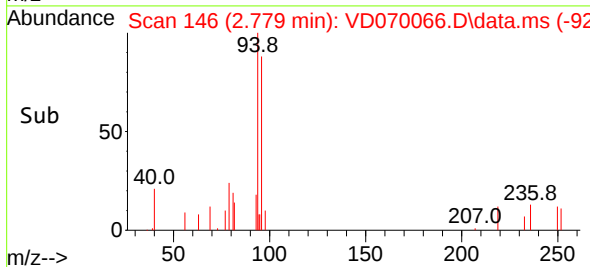
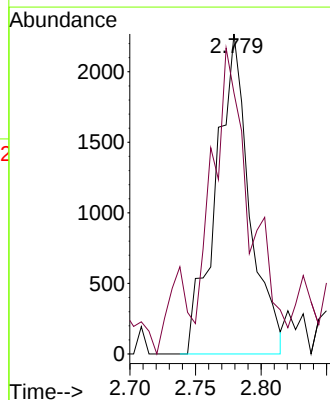
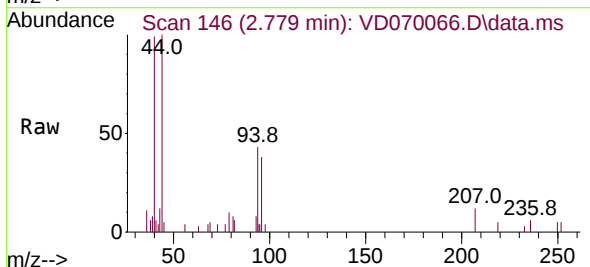
Instrument :
MSVOA_D
ClientSampled :

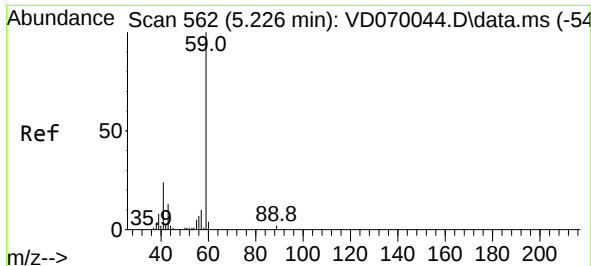
Tgt Ion: 50 Resp: 3933
Ion Ratio Lower Upper
50 100
52 26.1 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Tgt Ion: 94 Resp: 4074
Ion Ratio Lower Upper
94 100
96 67.8 70.9 106.3#



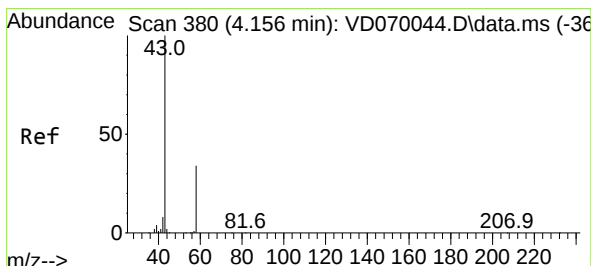
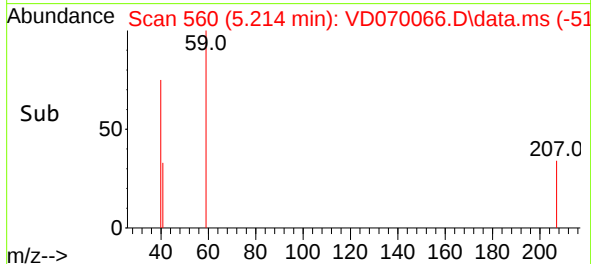
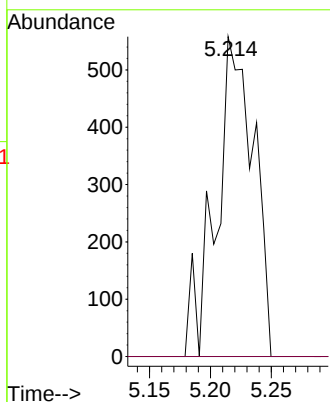
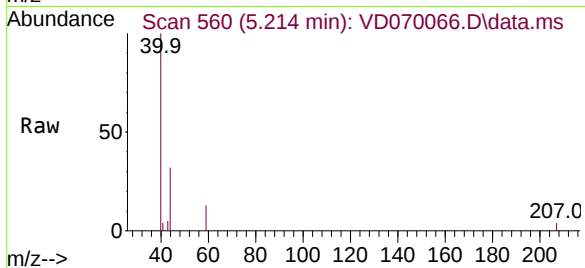


#11

Tert butyl alcohol
Concen: 3.182 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Instrument :
MSVOA_D
ClientSampled :

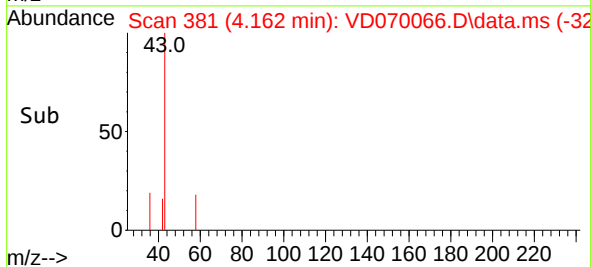
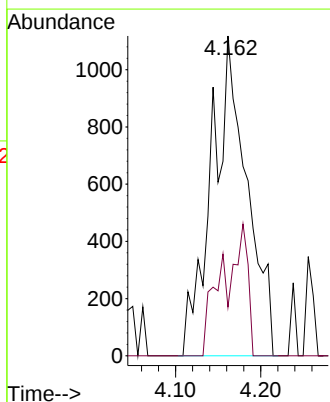
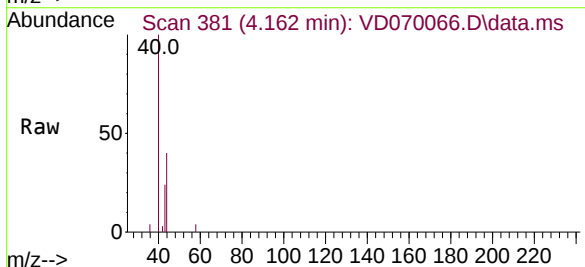
Tgt Ion: 59 Resp: 1205
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

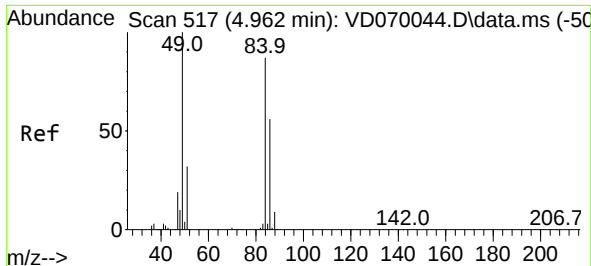


#16

Acetone
Concen: 2.556 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

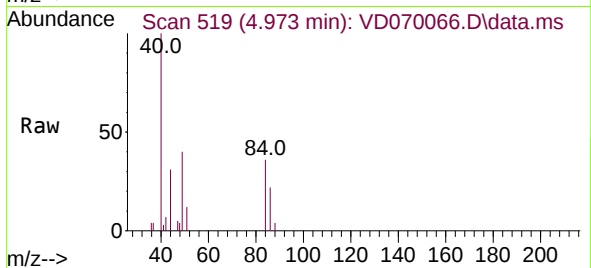
Tgt Ion: 43 Resp: 3226
Ion Ratio Lower Upper
43 100
58 15.2 26.8 40.2#



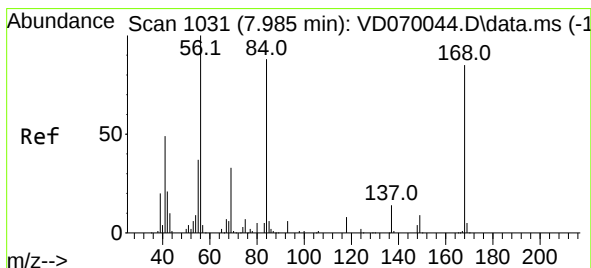
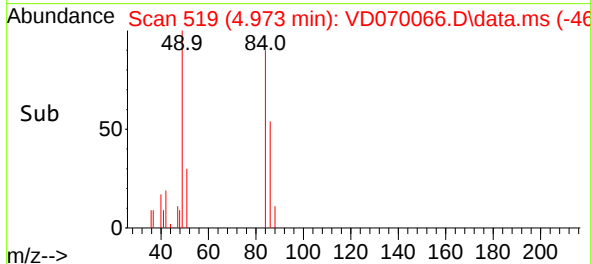
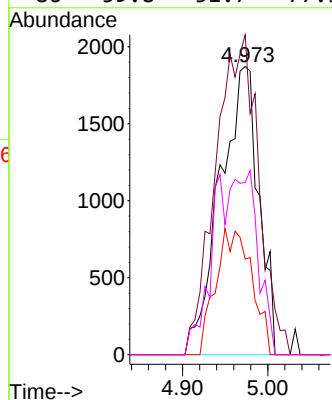


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Instrument :
MSVOA_D
ClientSampled :

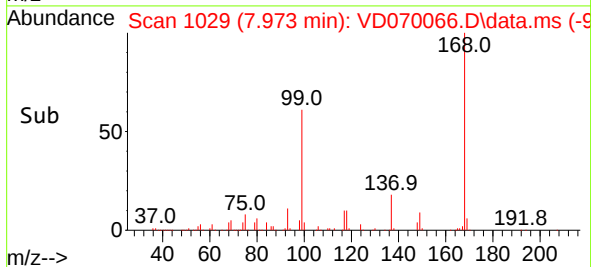
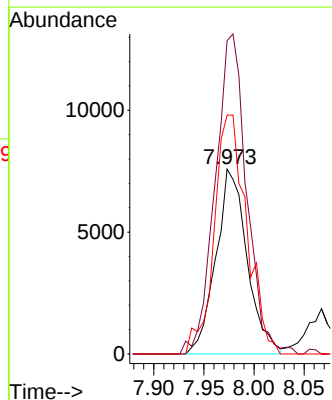
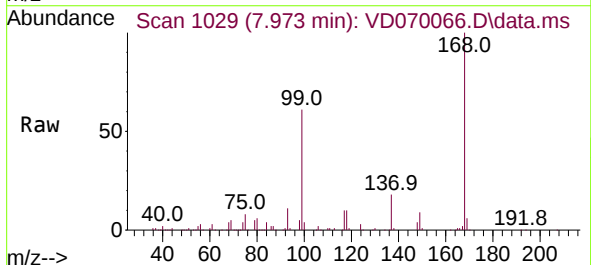


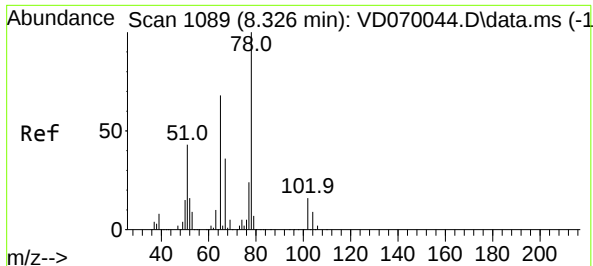
Tgt Ion:	84	Resp:	5911
Ion	Ratio	Lower	Upper
84	100		
49	111.1	92.5	138.7
51	33.2	29.7	44.5
86	59.8	51.7	77.5



#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Tgt Ion:	56	Resp:	16415
Ion	Ratio	Lower	Upper
56	100		
69	169.4	26.7	40.1#
84	129.2	70.4	105.6#



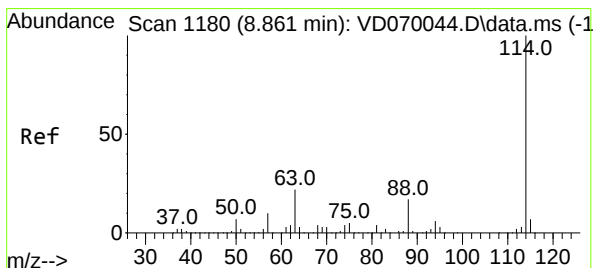
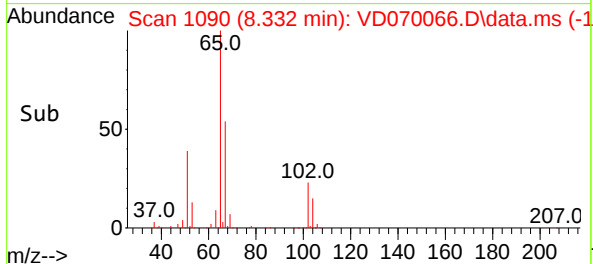
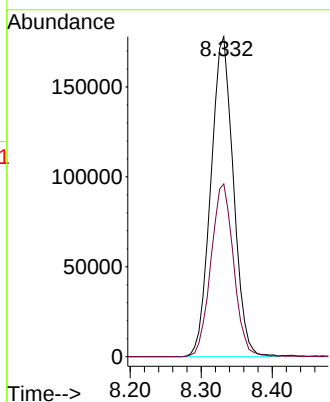
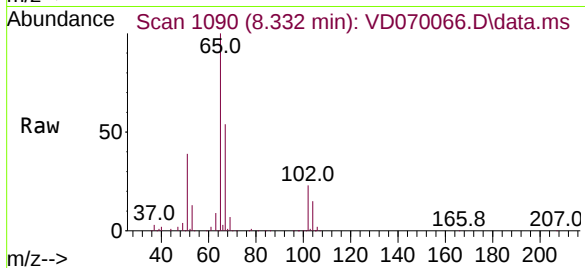


#33

1,2-Dichloroethane-d4
Concen: 57.291 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Instrument :
MSVOA_D
ClientSampled :

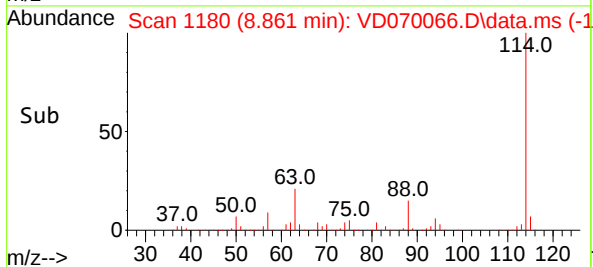
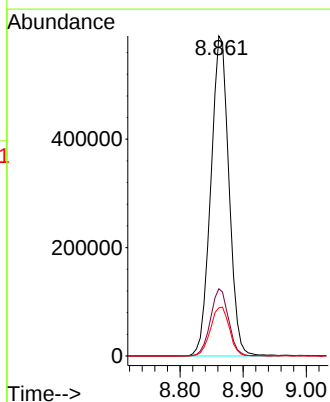
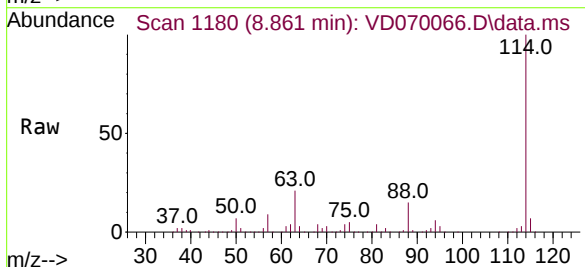
Tgt Ion: 65 Resp: 392488
Ion Ratio Lower Upper
65 100
67 54.4 0.0 107.8

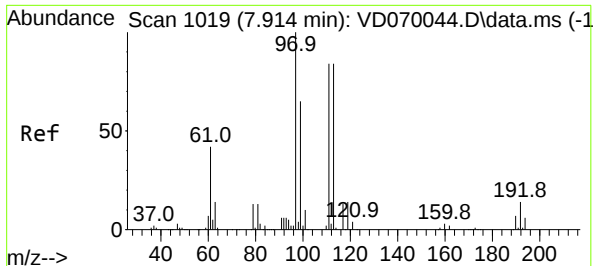


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Tgt Ion: 114 Resp: 1176134
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.6
88 15.1 0.0 33.4

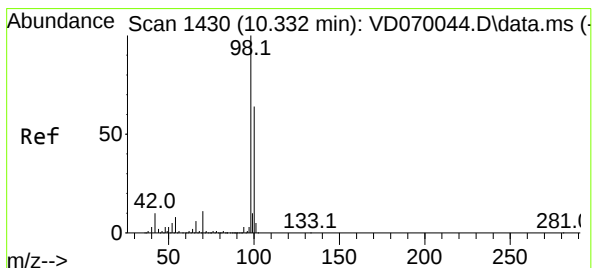
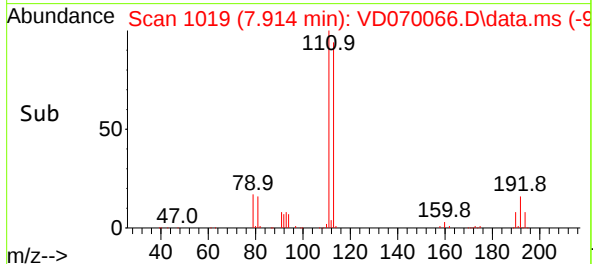
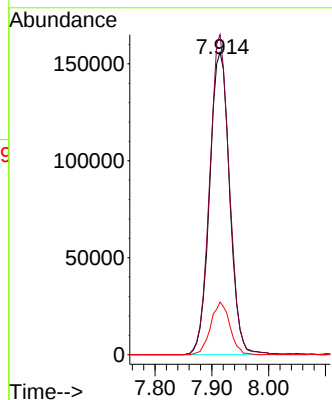
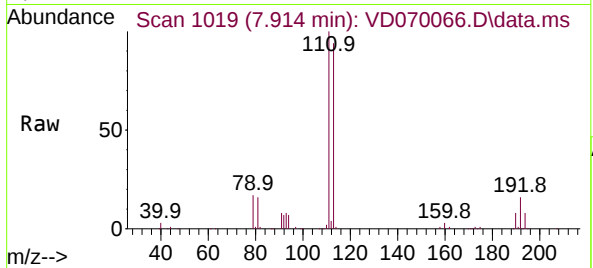




#35
Dibromofluoromethane
Concen: 50.133 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

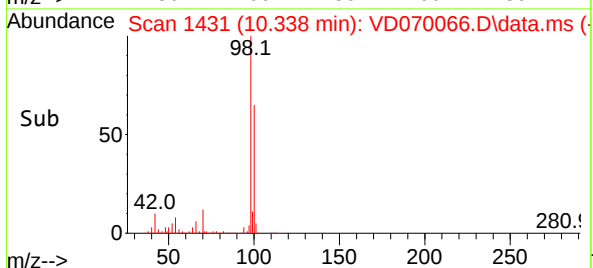
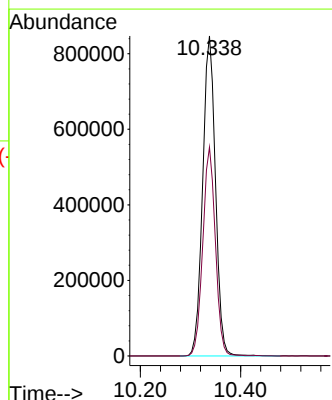
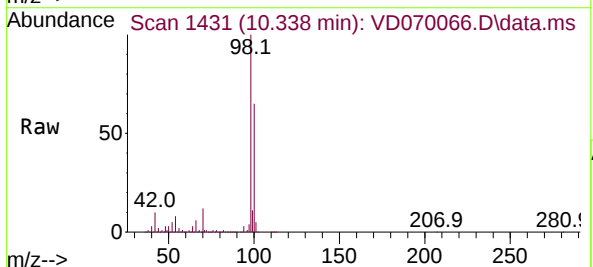
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MSVOA_D
ClientSampleId :

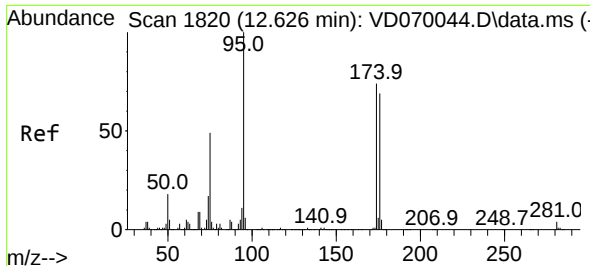
Tgt Ion:113 Resp: 380938
Ion Ratio Lower Upper
113 100
111 103.6 81.8 122.6
192 16.7 13.2 19.8



#50
Toluene-d8
Concen: 50.797 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Tgt Ion: 98 Resp: 1501286
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

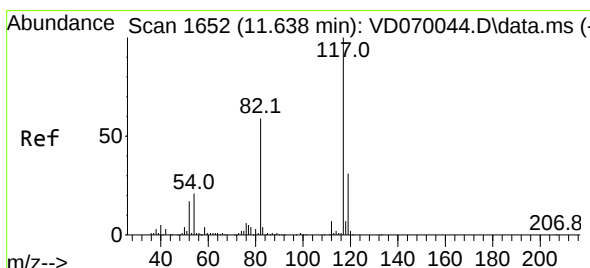
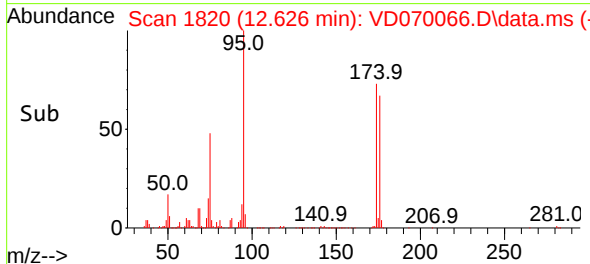
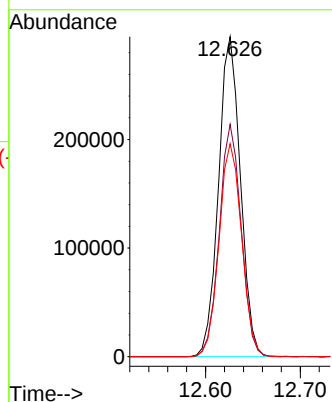
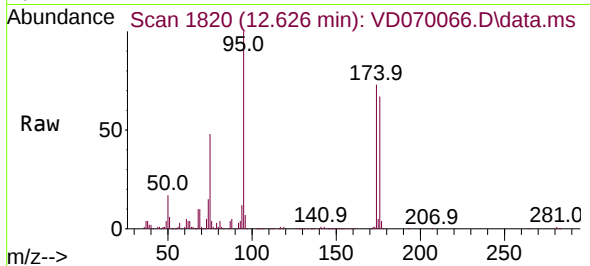




#62
4-Bromofluorobenzene
Concen: 48.693 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

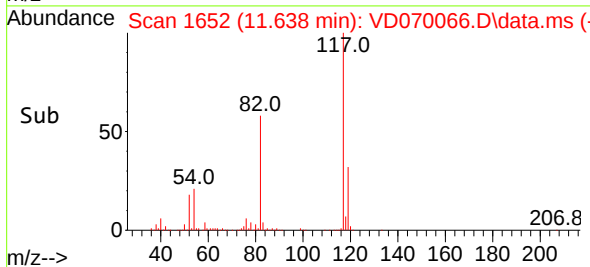
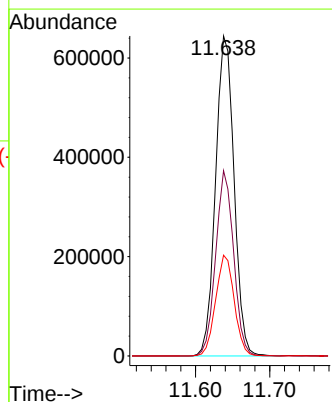
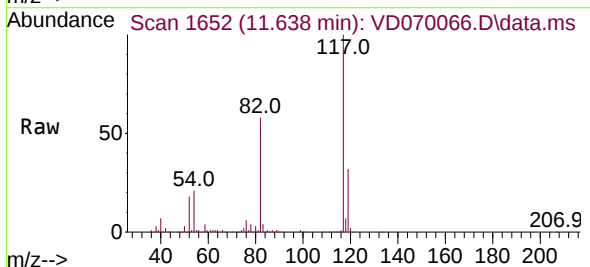
Instrument :
MSVOA_D
ClientSampled :

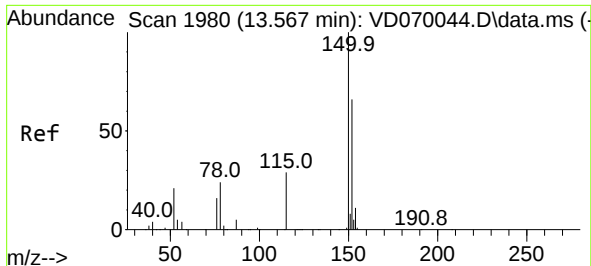
Tgt Ion: 95 Resp: 473998
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 68.5 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070066.D
Acq: 16 Aug 2021 14:54

Tgt Ion: 117 Resp: 1115909
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 31.5 25.1 37.7

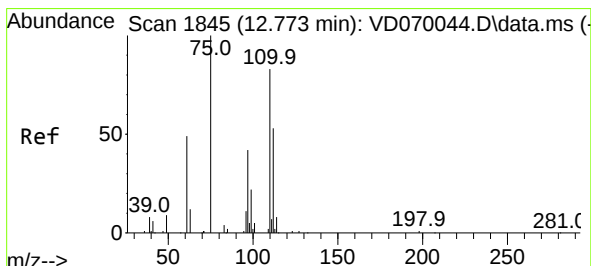
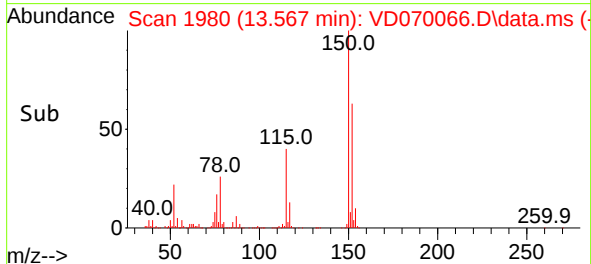
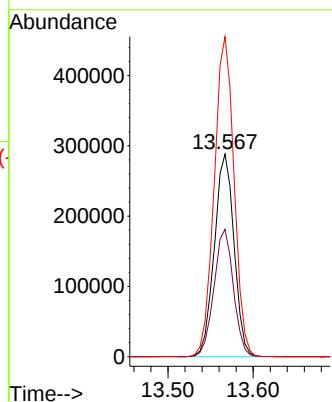
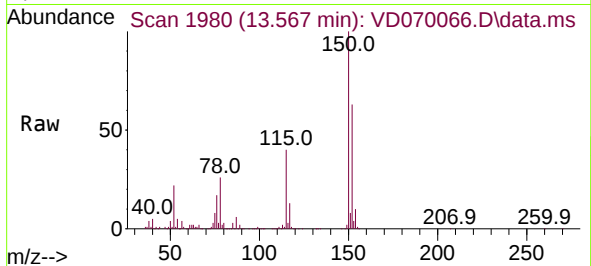




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070066.D
 Acq: 16 Aug 2021 14:54

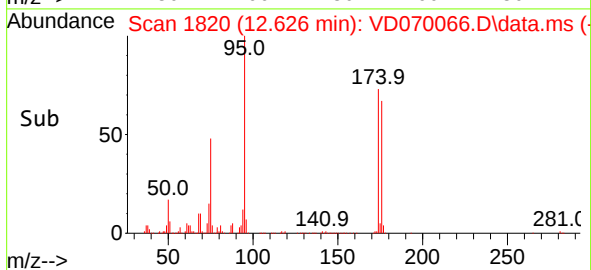
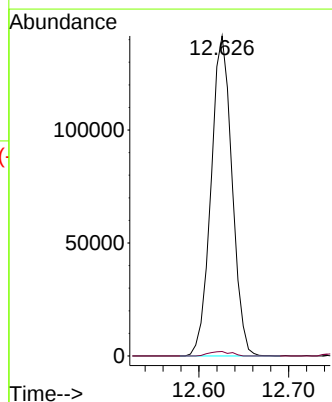
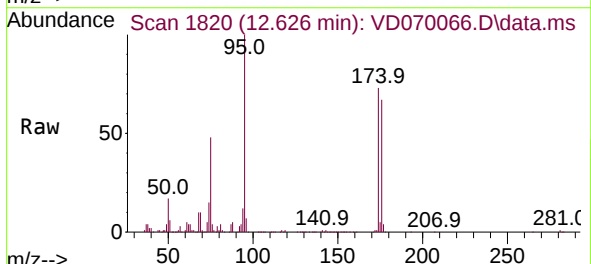
Instrument :
 MSVOA_D
 ClientSampled :

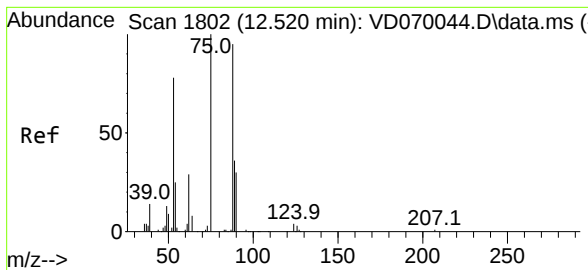
Tgt Ion:152 Resp: 463100
 Ion Ratio Lower Upper
 152 100
 115 62.3 31.2 93.6
 150 159.2 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 49.036 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070066.D
 Acq: 16 Aug 2021 14:54

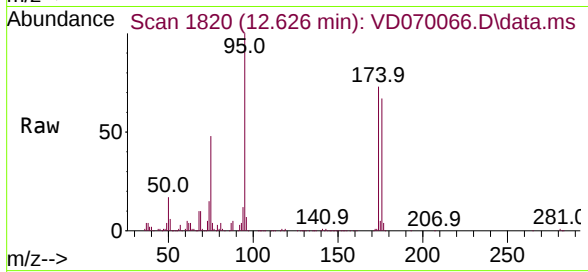
Tgt Ion: 75 Resp: 230295
 Ion Ratio Lower Upper
 75 100
 77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.279 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070066.D
 Acq: 16 Aug 2021 14:54

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 230295

Ion	Ratio	Lower	Upper
75	100		
53	0.3	64.5	96.7#
89	0.1	33.7	50.5#

