

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070175.D
 Acq On : 19 Aug 2021 18:41
 Operator : VA/SY
 Sample : M3418-11
 Misc : 8.81G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 20 05:48:33 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)

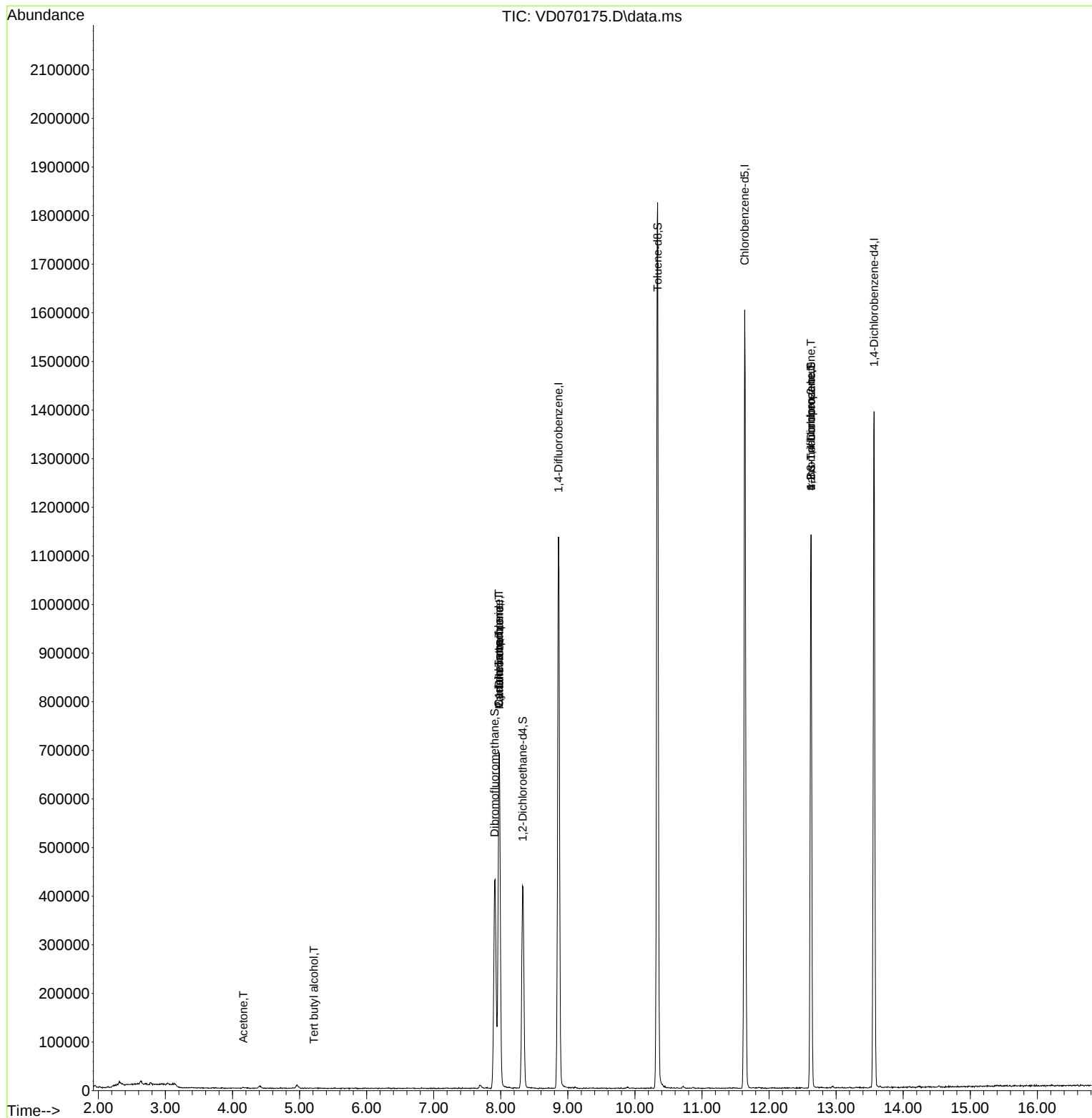
Internal Standards						
1) Pentafluorobenzene	7.979	168	499916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	970334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	943557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	372000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	333562	56.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.460%	
35) Dibromofluoromethane	7.908	113	324686	51.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.580%	
50) Toluene-d8	10.338	98	1258550	51.616	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.240%	
62) 4-Bromofluorobenzene	12.626	95	382484	47.625	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.260%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	210	Below Cal	#	42
3) Chloromethane	2.203	50	962	Below Cal	#	66
5) Bromomethane	2.773	94	1704	Below Cal	#	71
11) Tert butyl alcohol	5.214	59	362	1.114	ug/l #	71
16) Acetone	4.162	43	1810	1.671	ug/l #	70
20) Methylene Chloride	4.962	84	4432	Below Cal	#	80
31) Cyclohexane	7.973	56	11990	1.030	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	44252	4.239	ug/l #	48
38) Carbon Tetrachloride	7.973	117	53719	5.668	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	186951	49.555	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	186951	128.627	ug/l #	18

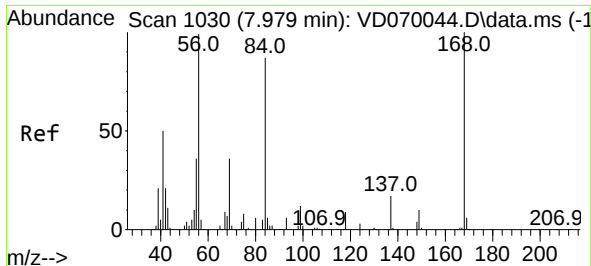
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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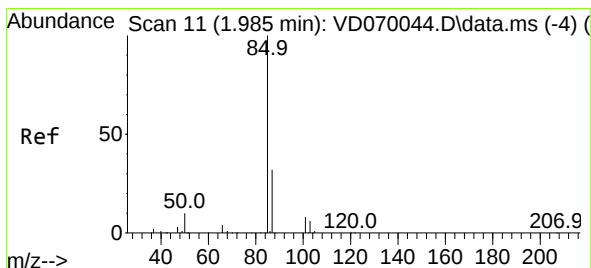
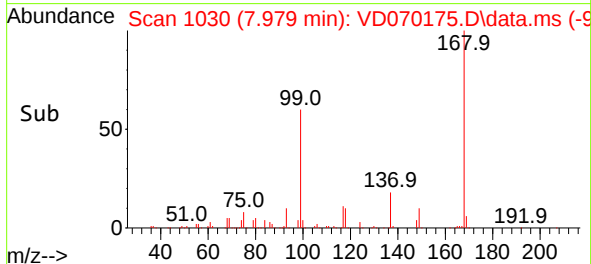
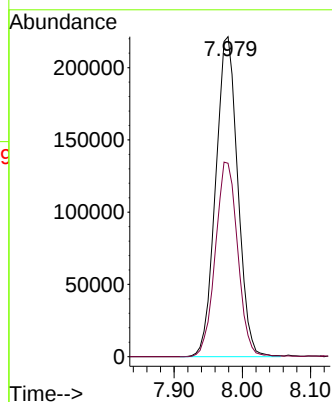
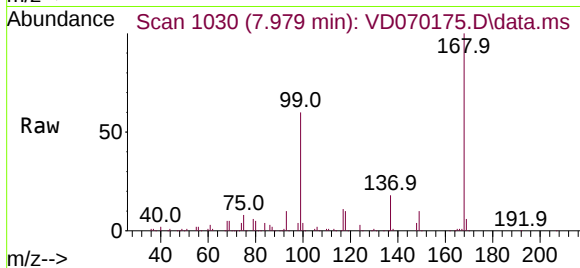




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

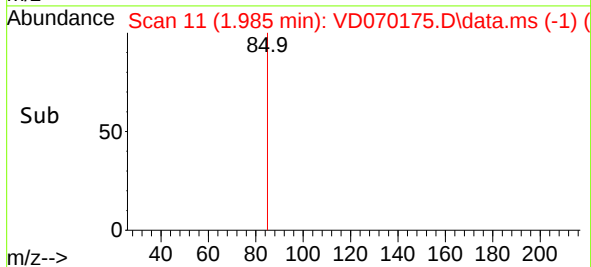
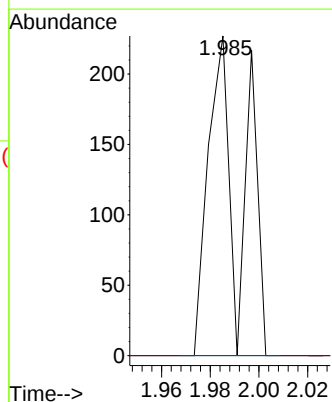
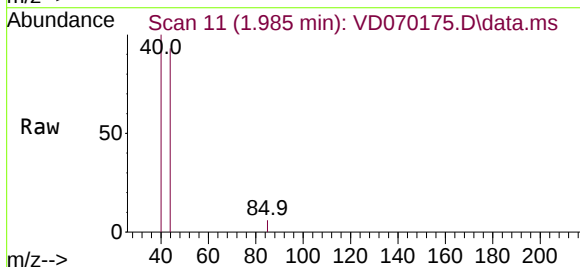
Instrument :
MSVOA_D
ClientSampleId :

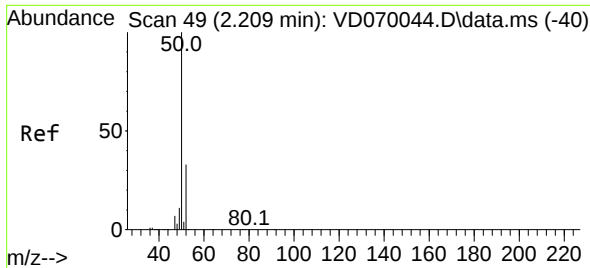
Tgt Ion:168 Resp: 499916
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

Tgt Ion: 85 Resp: 210
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

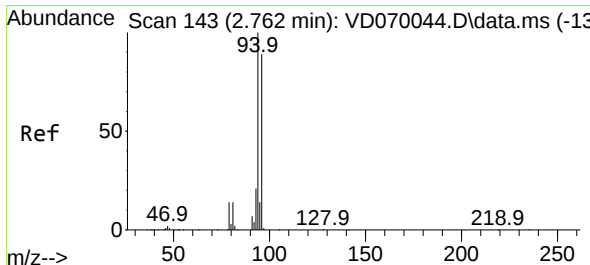
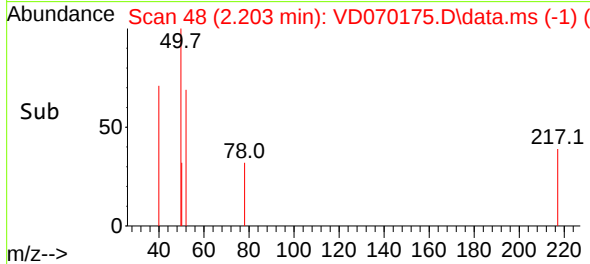
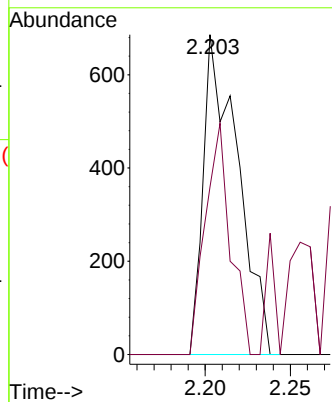
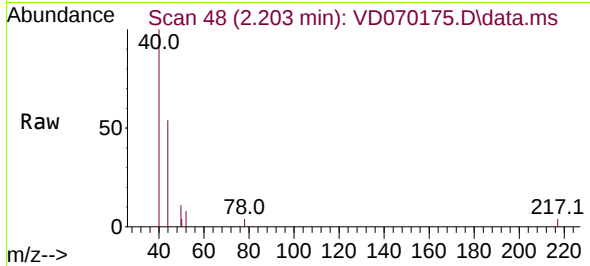




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

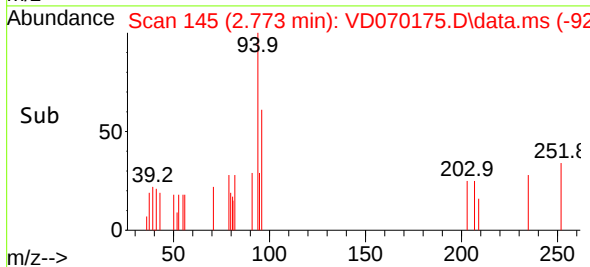
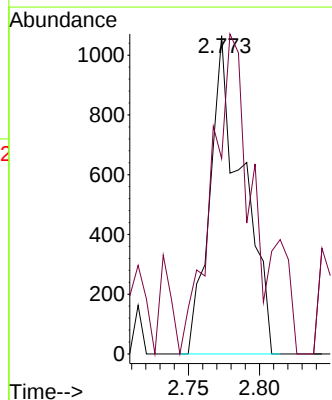
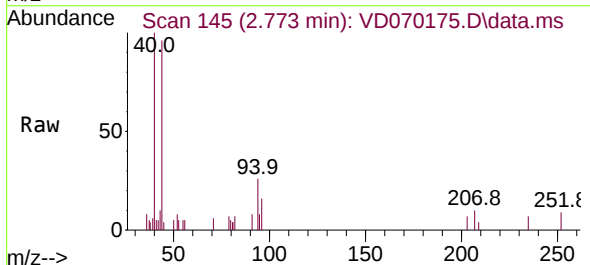
Instrument :
MSVOA_D
ClientSampleId :

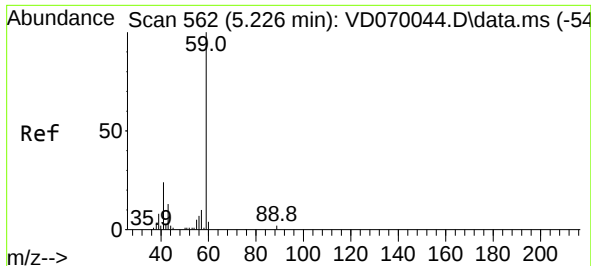
Tgt Ion: 50 Resp: 962
Ion Ratio Lower Upper
50 100
52 52.3 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

Tgt Ion: 94 Resp: 1704
Ion Ratio Lower Upper
94 100
96 61.4 70.9 106.3#

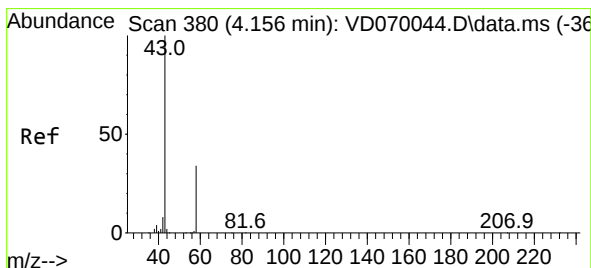
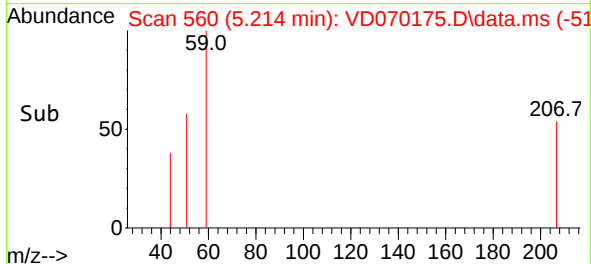
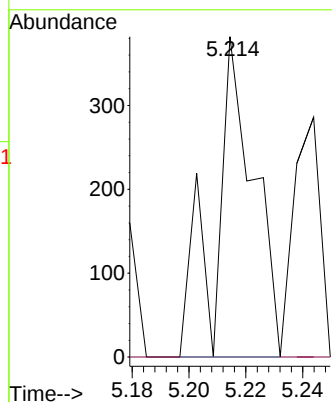
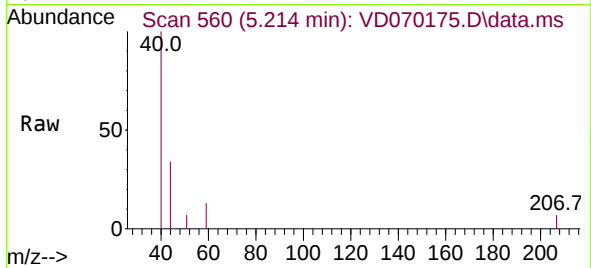




#11
Tert butyl alcohol
Concen: 1.114 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

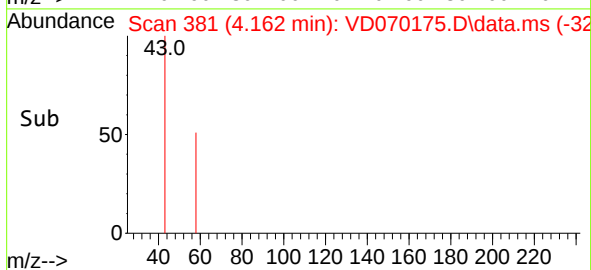
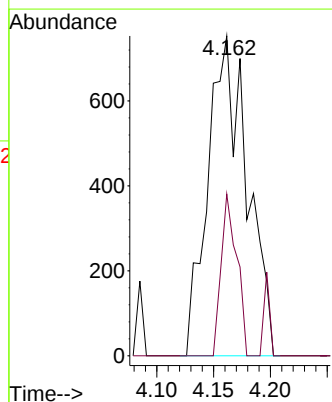
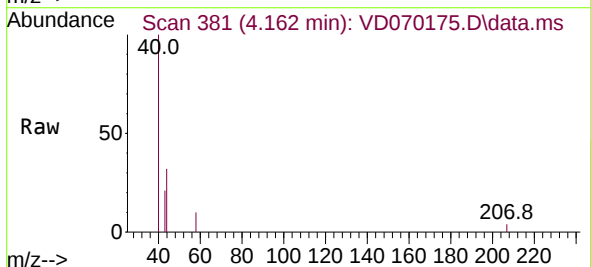
Instrument :
MSVOA_D
ClientSampled :

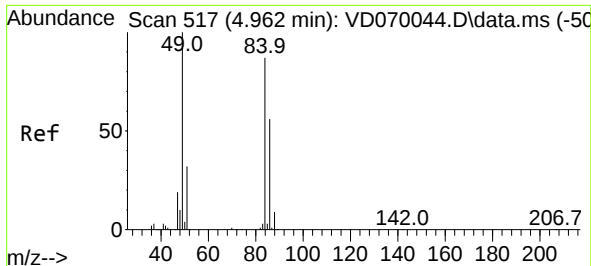
Tgt Ion: 59 Resp: 362
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.671 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

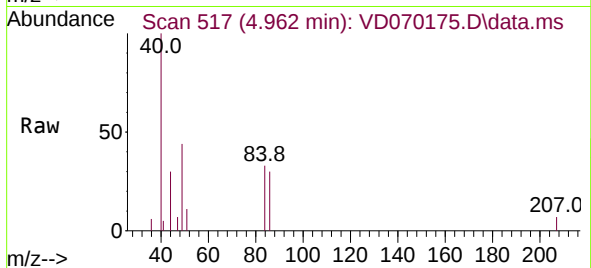
Tgt Ion: 43 Resp: 1810
Ion Ratio Lower Upper
43 100
58 50.6 26.8 40.2#



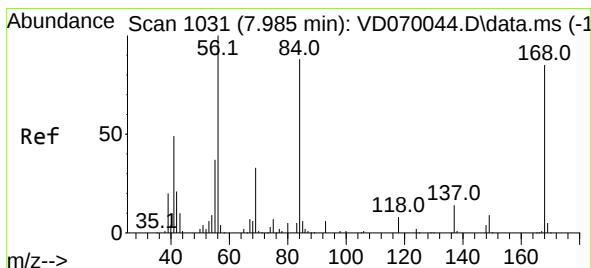
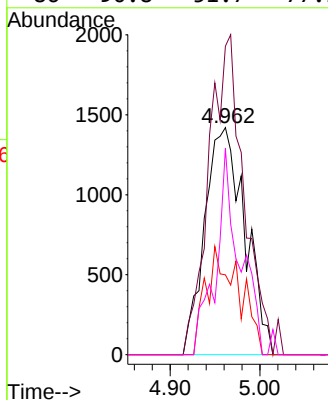
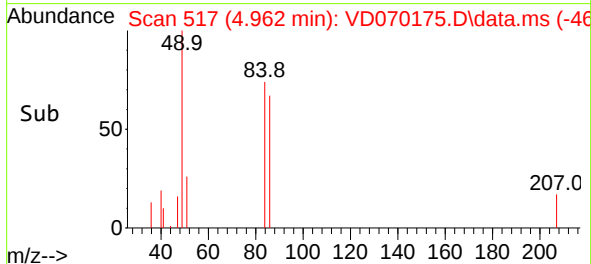


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

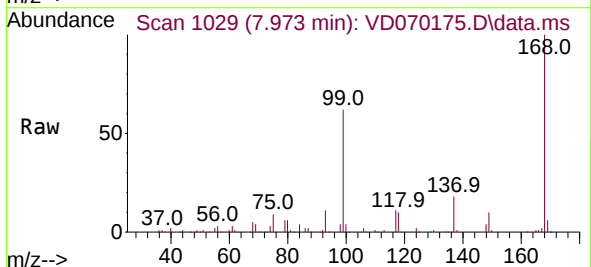
Instrument :
MSVOA_D
ClientSampleId :



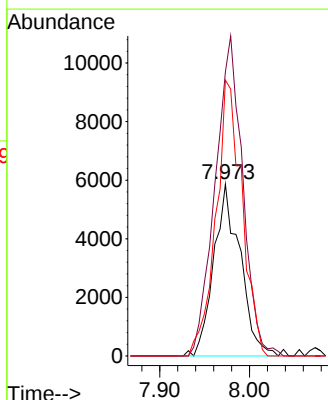
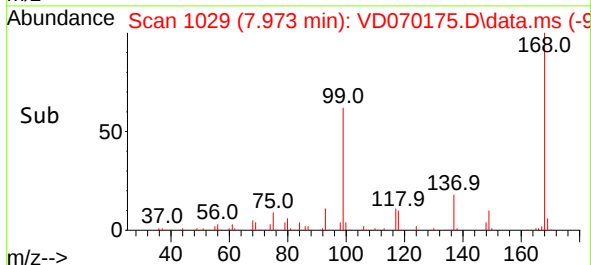
Tgt Ion:	84	Resp:	4432
Ion	Ratio	Lower	Upper
84	100		
49	135.8	92.5	138.7
51	35.1	29.7	44.5
86	90.8	51.7	77.5#

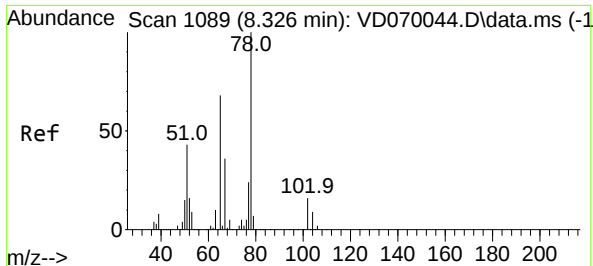


#31
Cyclohexane
Concen: 1.030 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41



Tgt Ion:	56	Resp:	11990
Ion	Ratio	Lower	Upper
56	100		
69	165.3	26.7	40.1#
84	160.5	70.4	105.6#



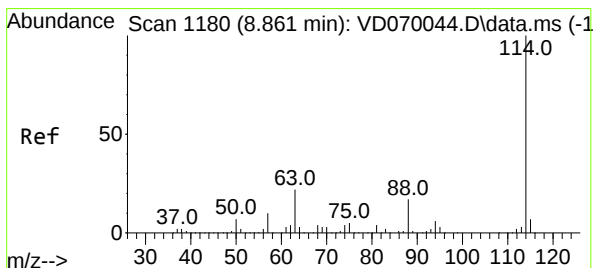
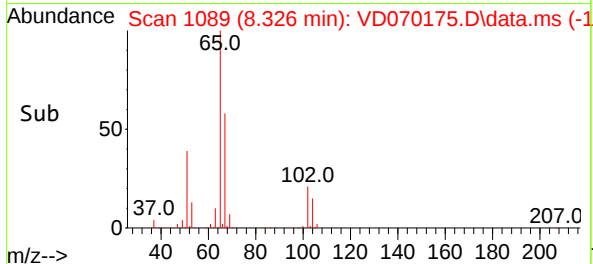
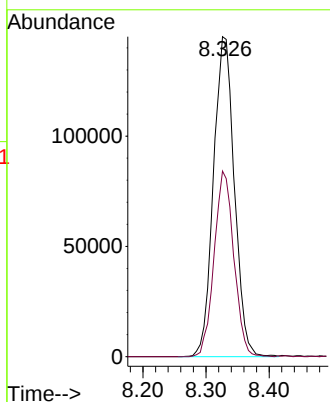
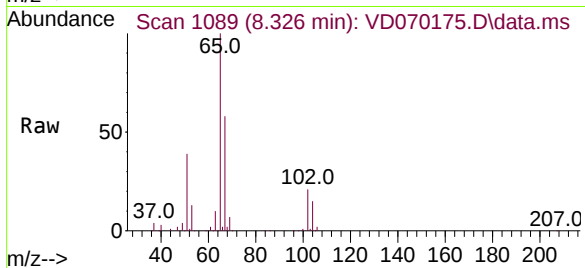


#33

1,2-Dichloroethane-d4
Concen: 56.730 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

Instrument :
MSVOA_D
ClientSampled :

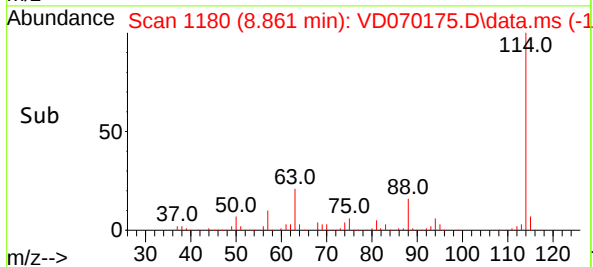
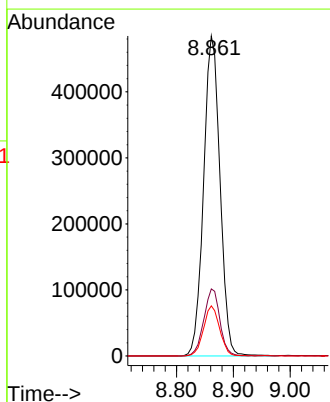
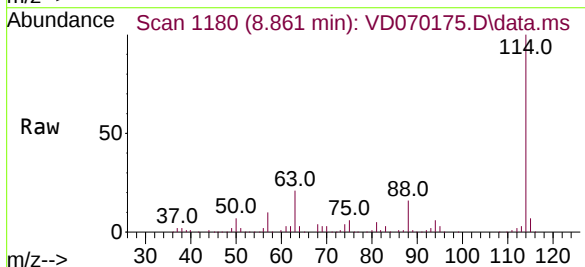
Tgt Ion: 65 Resp: 333562
Ion Ratio Lower Upper
65 100
67 54.8 0.0 107.8

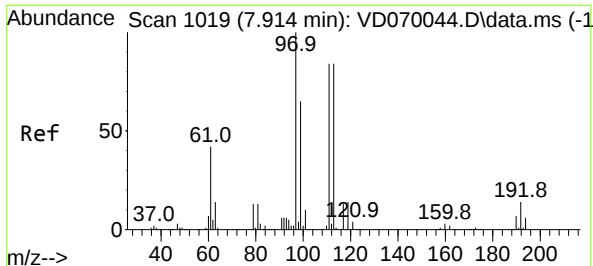


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

Tgt Ion: 114 Resp: 970334
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.6
88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.792 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070175.D

Acq: 19 Aug 2021 18:41

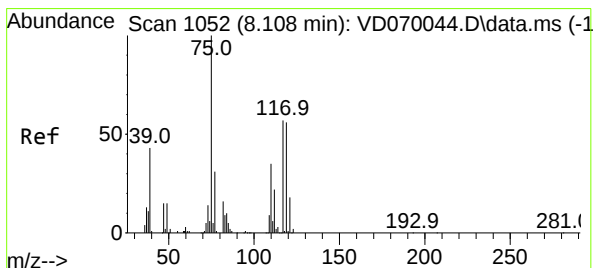
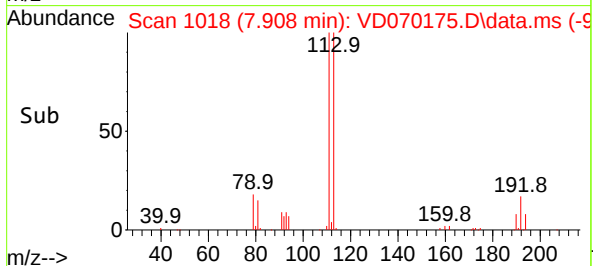
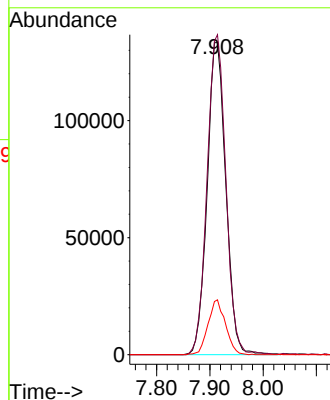
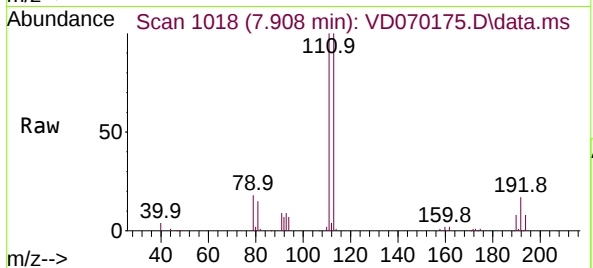
Tgt Ion:113 Resp: 324686

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.6

192 16.4 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.239 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070175.D

Acq: 19 Aug 2021 18:41

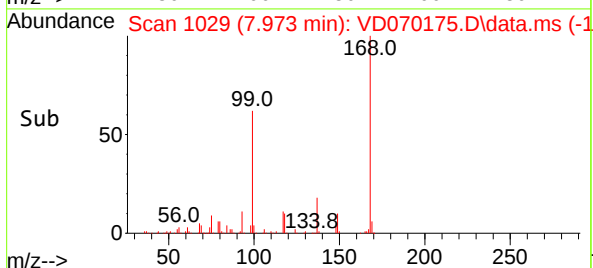
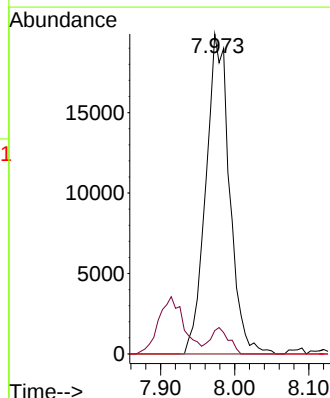
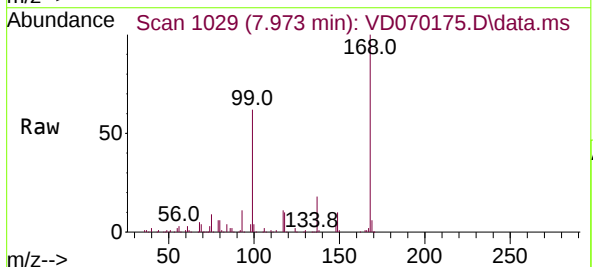
Tgt Ion: 75 Resp: 44252

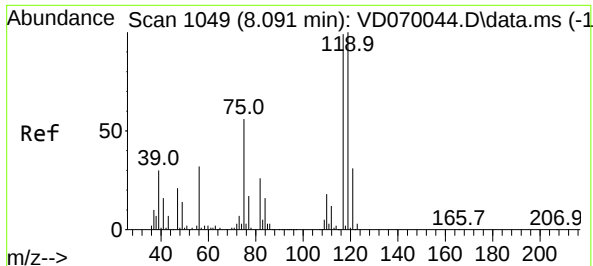
Ion Ratio Lower Upper

75 100

110 6.4 16.9 50.7#

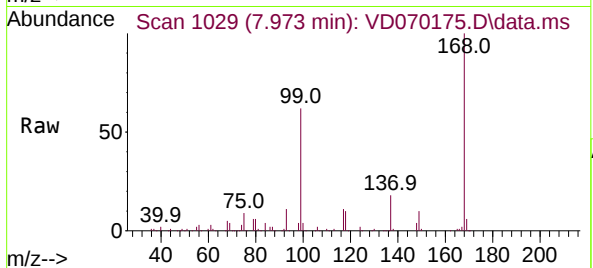
77 0.0 25.2 37.8#



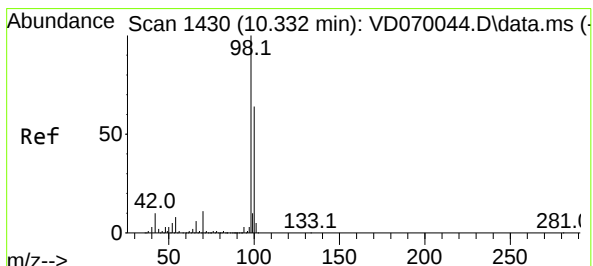
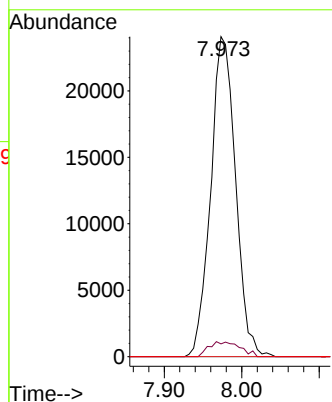
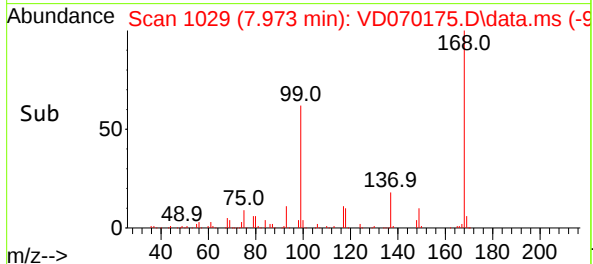


#38
Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

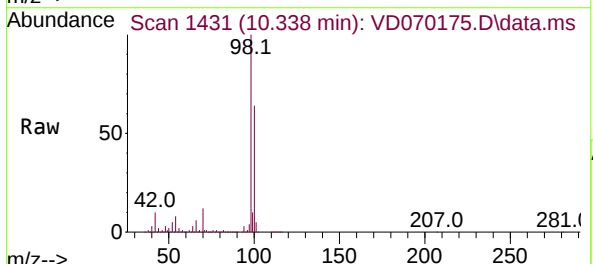
Instrument :
MSVOA_D
ClientSampleId :



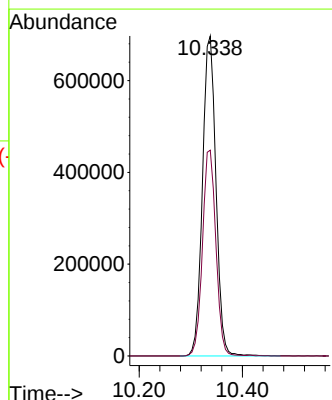
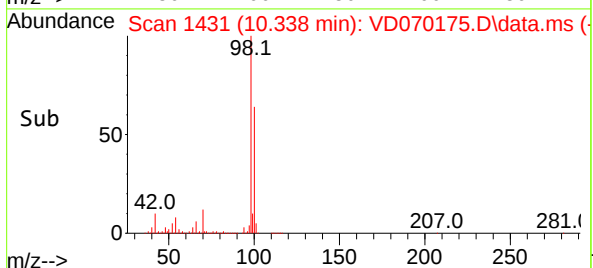
Tgt Ion:117 Resp: 53719
Ion Ratio Lower Upper
117 100
119 4.0 81.0 121.6#
121 0.0 25.0 37.6#

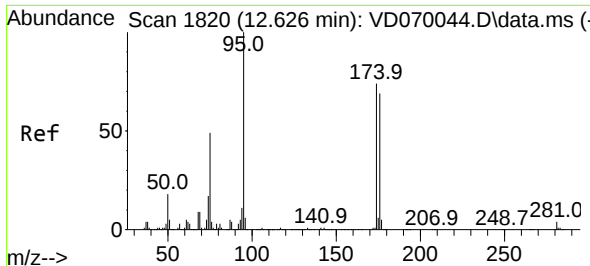


#50
Toluene-d8
Concen: 51.616 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41



Tgt Ion: 98 Resp: 1258550
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

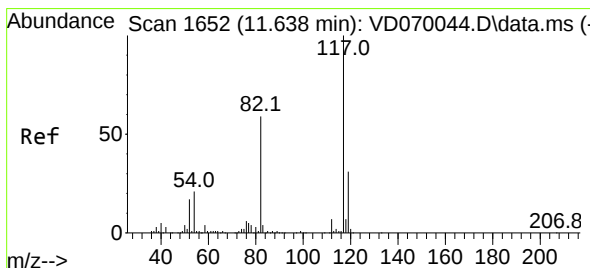
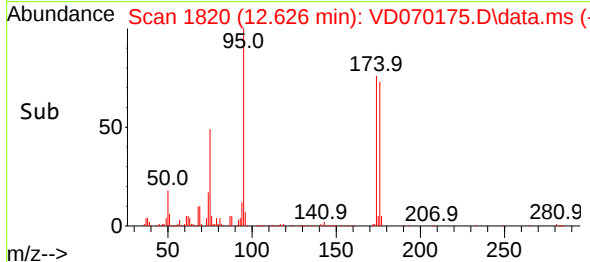
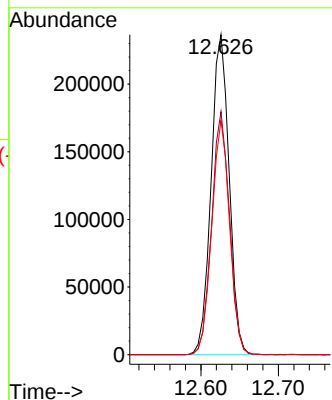
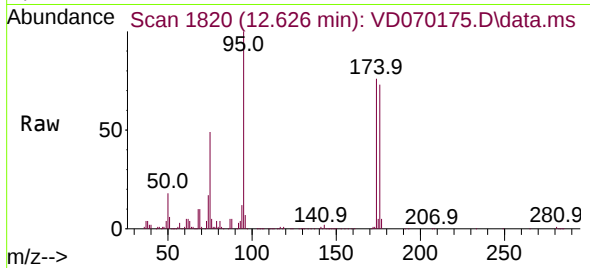




#62
4-Bromofluorobenzene
Concen: 47.625 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

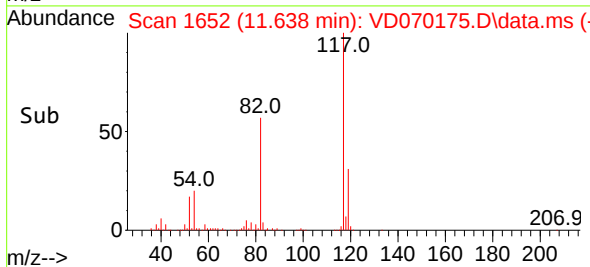
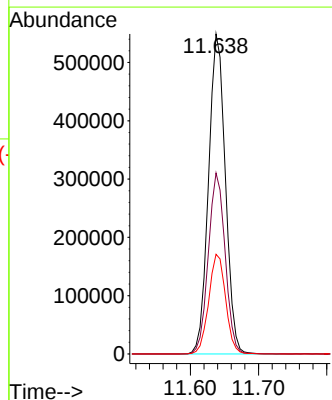
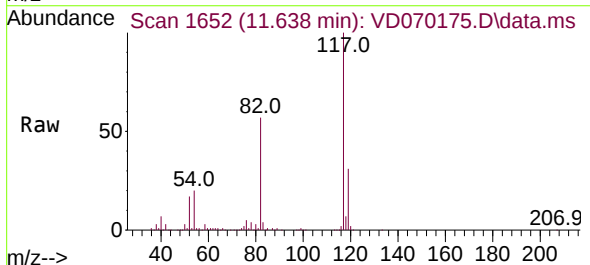
Instrument :
MSVOA_D
ClientSampleId :

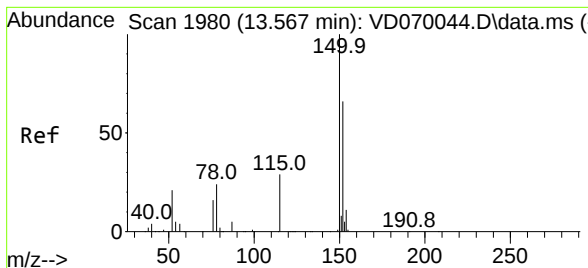
Tgt Ion: 95 Resp: 382484
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.6
176 72.4 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070175.D
Acq: 19 Aug 2021 18:41

Tgt Ion: 117 Resp: 943557
Ion Ratio Lower Upper
117 100
82 56.6 47.5 71.3
119 31.2 25.1 37.7

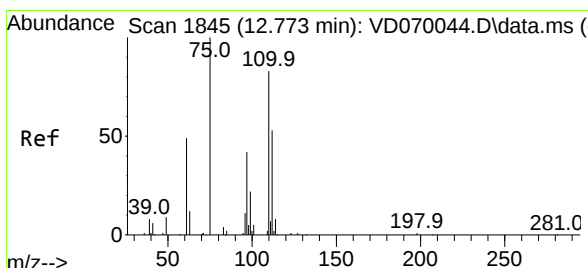
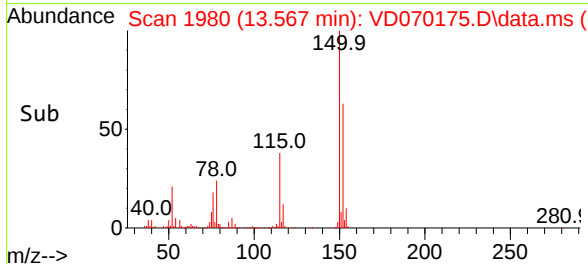
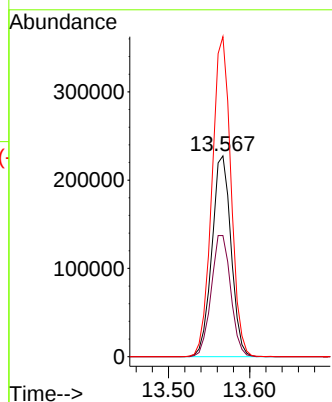
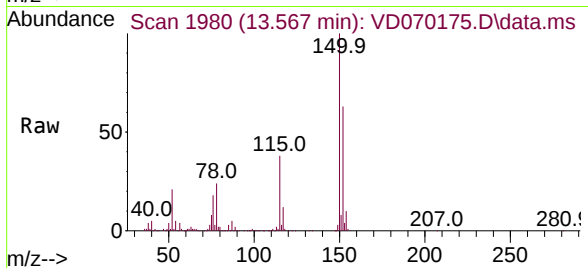




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070175.D
 Acq: 19 Aug 2021 18:41

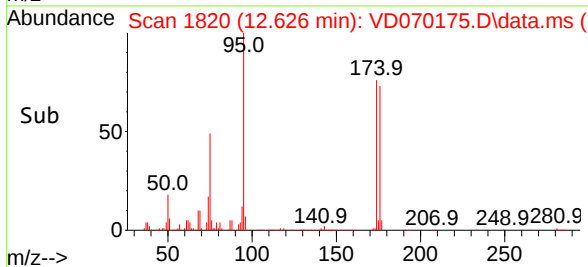
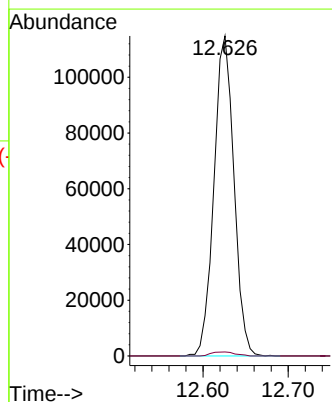
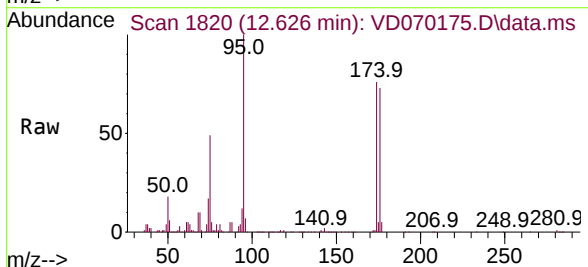
Instrument :
 MSVOA_D
 ClientSampleId :

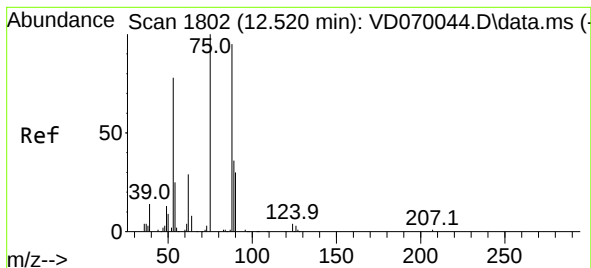
Tgt Ion:152 Resp: 372000
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.2 93.6
 150 157.7 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 49.555 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070175.D
 Acq: 19 Aug 2021 18:41

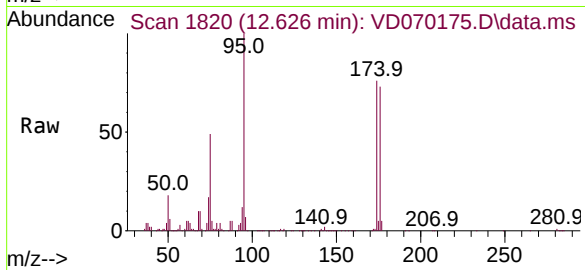
Tgt Ion: 75 Resp: 186951
 Ion Ratio Lower Upper
 75 100
 77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.627 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070175.D
 Acq: 19 Aug 2021 18:41

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 186951
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.5 96.7#
 89 0.1 33.7 50.5#

