

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070102.D
 Acq On : 17 Aug 2021 23:46
 Operator : VA/SY
 Sample : VD0817SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBL02

Quant Time: Aug 18 04:32:52 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)

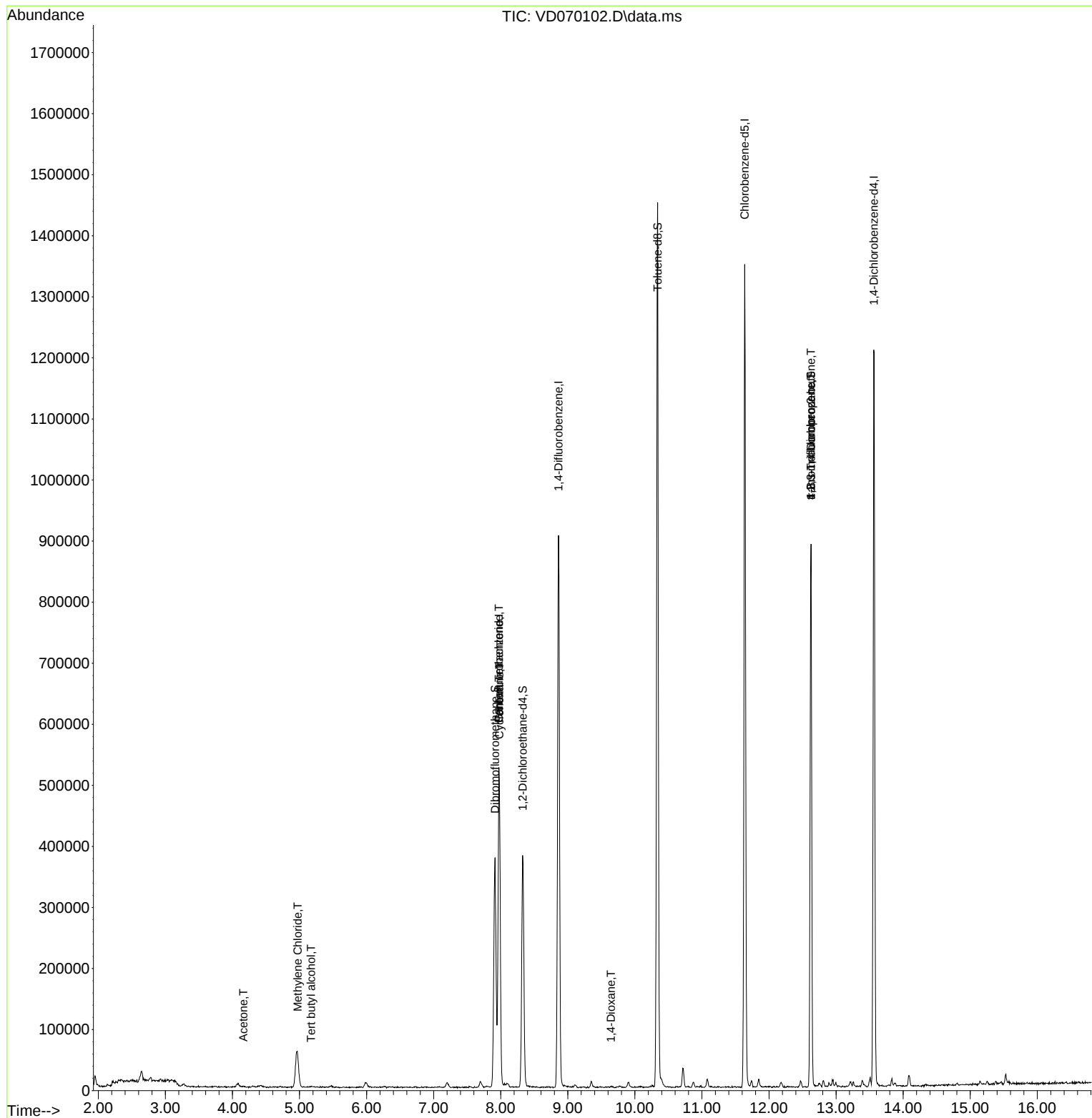
Internal Standards						
1) Pentafluorobenzene	7.973	168	371777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	781952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	766754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	319588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	297148	67.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.920%	
35) Dibromofluoromethane	7.914	113	272152	53.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.338	98	968295	49.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.626	95	306080	47.293	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	2266	Below Cal		100
3) Chloromethane	2.209	50	3337	Below Cal		95
5) Bromomethane	2.779	94	4149	Below Cal		90
11) Tert butyl alcohol	5.173	59	1138	4.709 ug/l	#	71
16) Acetone	4.162	43	1449	1.799 ug/l	#	59
20) Methylene Chloride	4.973	84	49420	1.016 ug/l	#	79
31) Cyclohexane	7.979	56	10418	1.204 ug/l	#	1
38) Carbon Tetrachloride	7.973	117	38979	5.104 ug/l	#	14
49) 1,4-Dioxane	9.644	88	67	2.000 ug/l	#	23
76) 1,2,3-Trichloropropane	12.626	75	149703	46.190 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.626	75	149703	119.891 ug/l	#	18

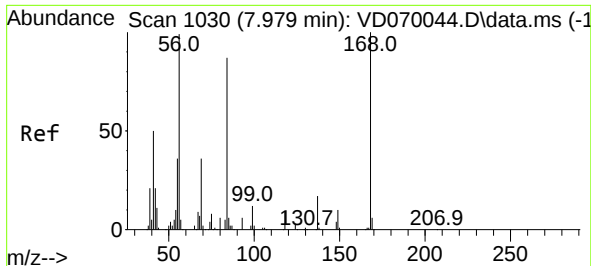
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

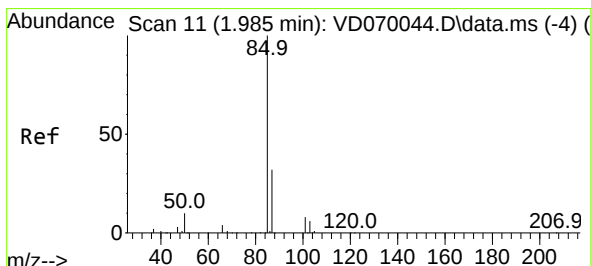
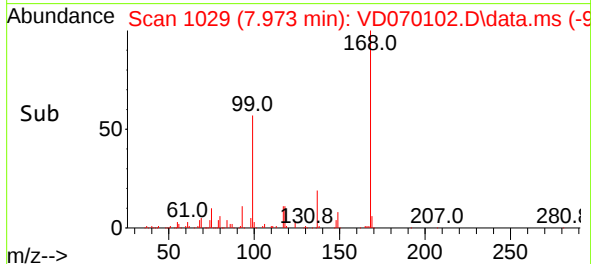
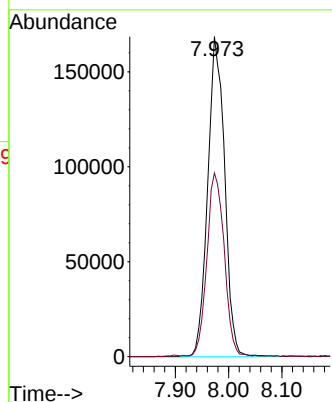
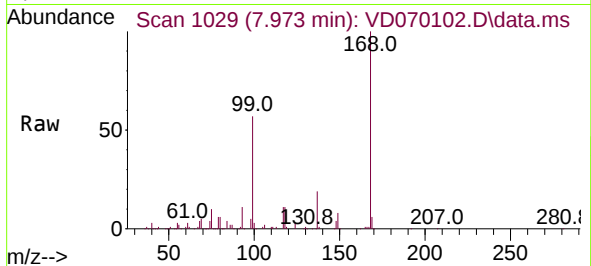




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

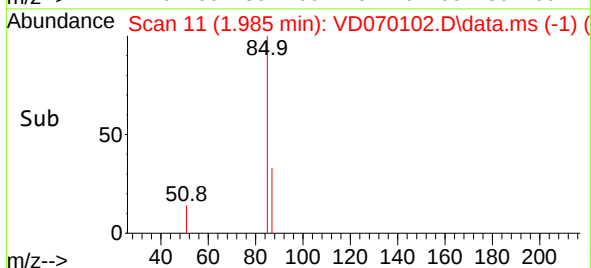
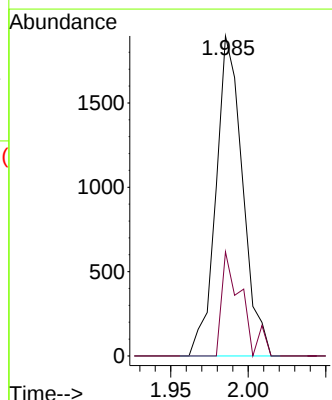
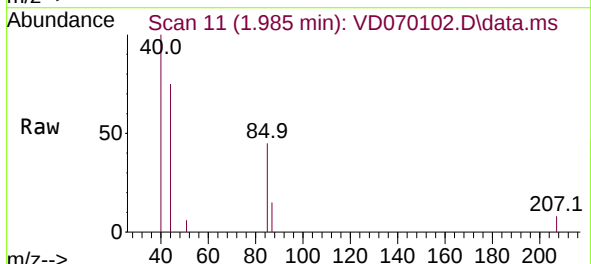
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL02

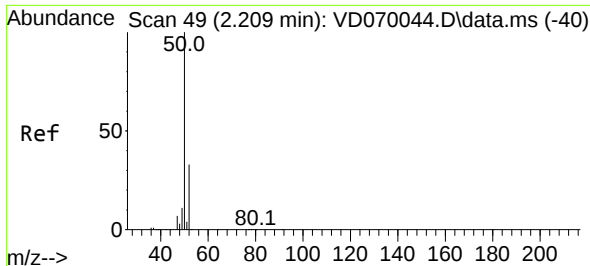
Tgt Ion:168 Resp: 371777
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

Tgt Ion: 85 Resp: 2266
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6

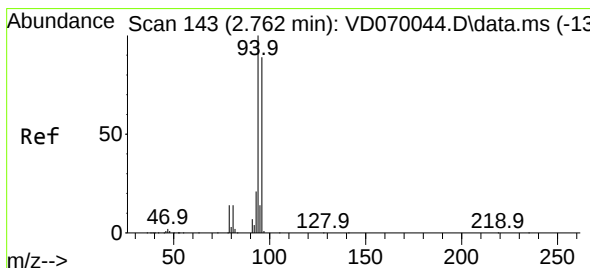
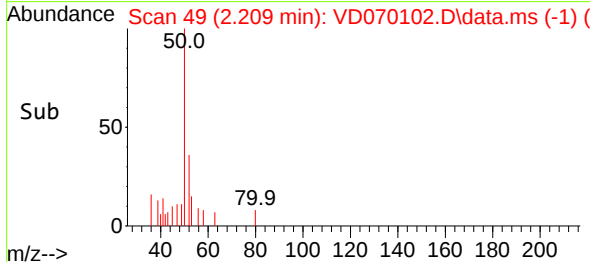
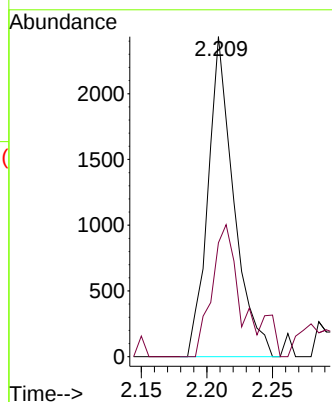
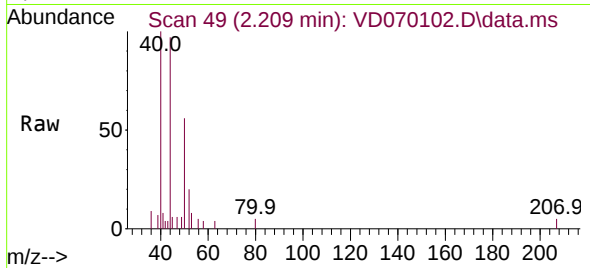




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

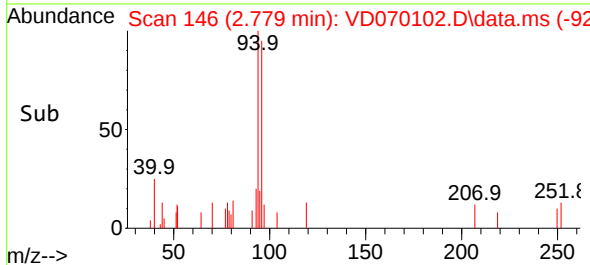
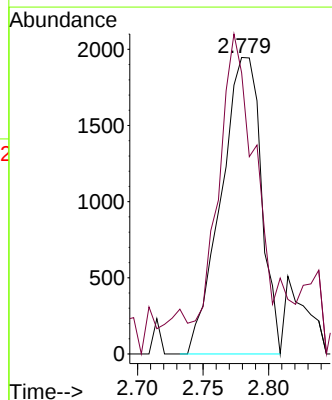
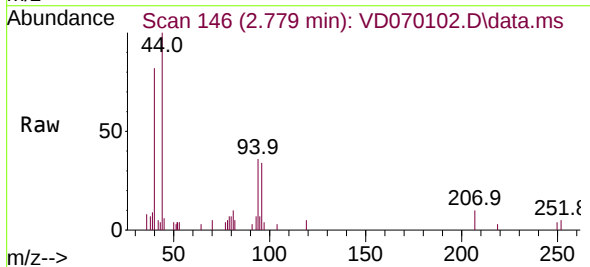
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL02

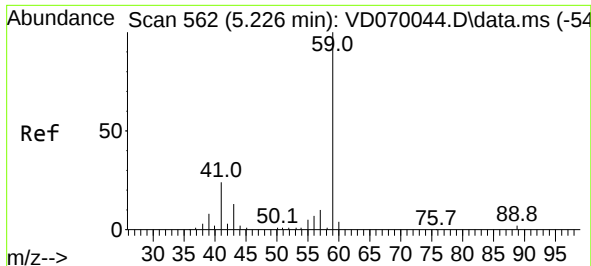
Tgt Ion: 50 Resp: 3337
Ion Ratio Lower Upper
50 100
52 35.6 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

Tgt Ion: 94 Resp: 4149
Ion Ratio Lower Upper
94 100
96 79.7 70.9 106.3



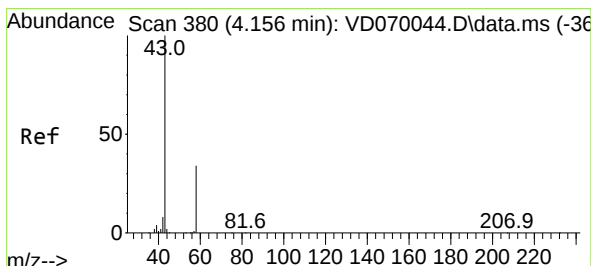
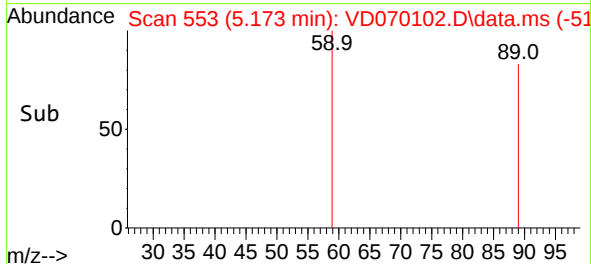
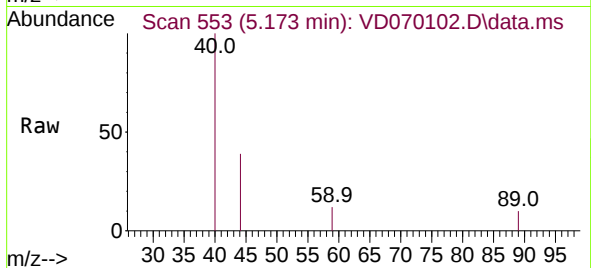


#11

Tert butyl alcohol
Concen: 4.709 ug/l
RT: 5.173 min Scan# 553
Delta R.T. -0.053 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL02

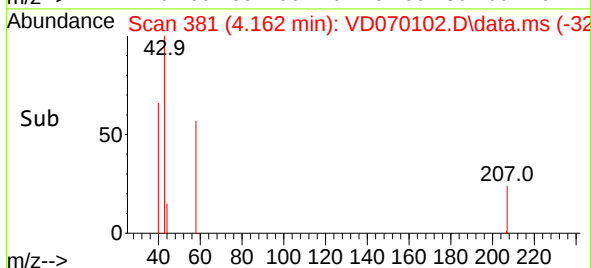
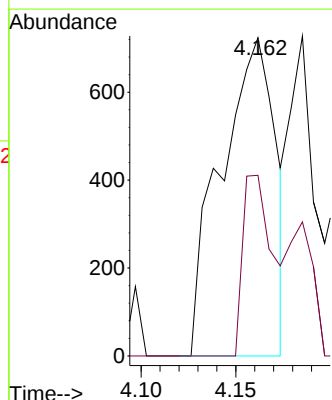
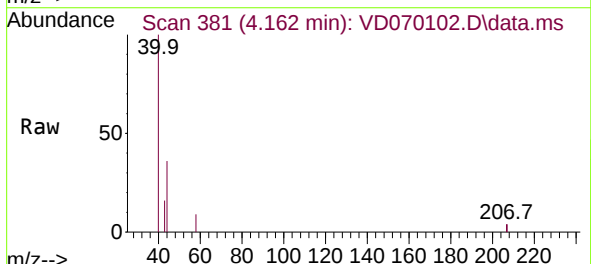
Tgt Ion: 59 Resp: 1138
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

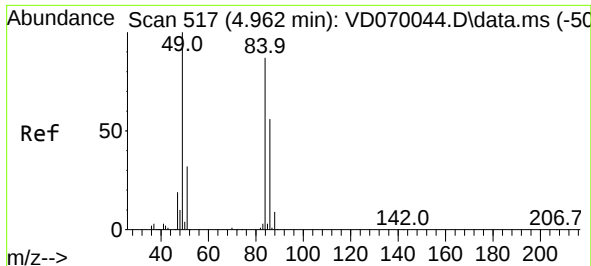


#16

Acetone
Concen: 1.799 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 56.8 26.8 40.2#

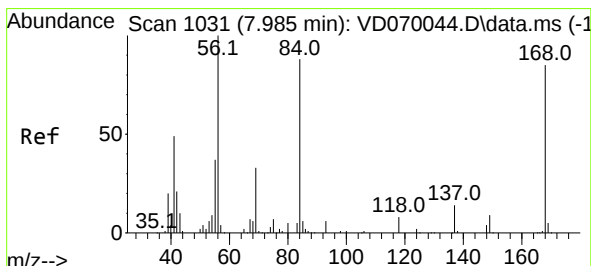
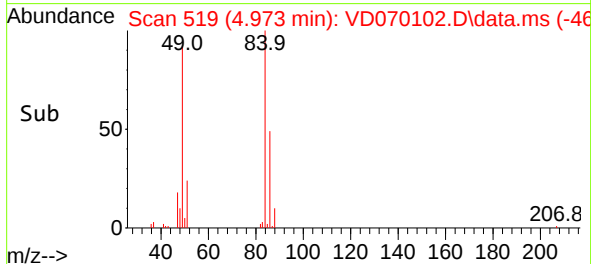
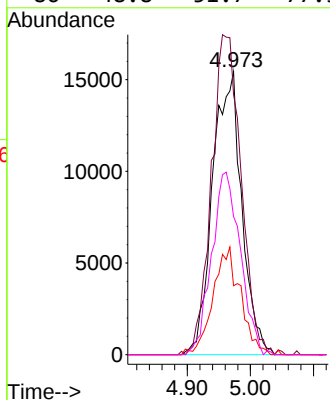
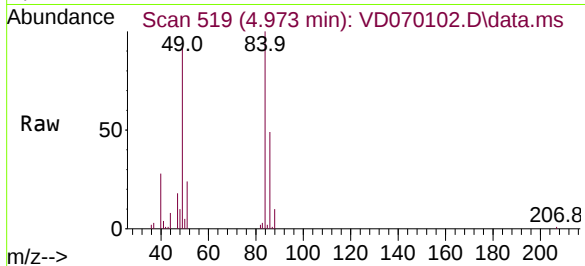




#20
Methylene Chloride
Concen: 1.016 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

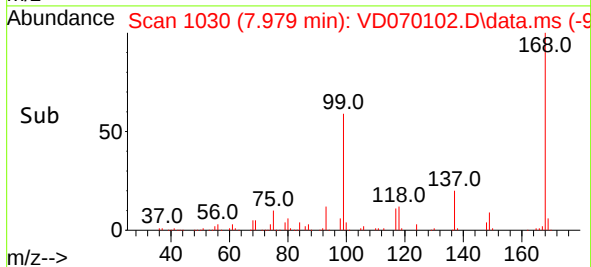
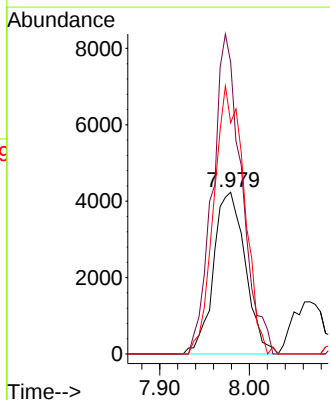
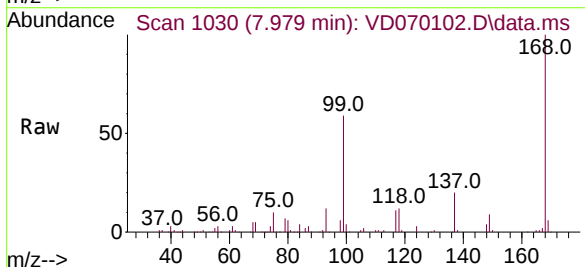
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL02

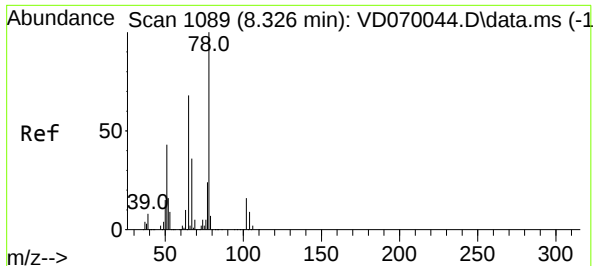
Tgt Ion:	84	Resp:	49420
Ion	Ratio	Lower	Upper
84	100		
49	91.9	92.5	138.7#
51	24.4	29.7	44.5#
86	48.8	51.7	77.5#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

Tgt Ion:	56	Resp:	10418
Ion	Ratio	Lower	Upper
56	100		
69	180.2	26.7	40.1#
84	143.0	70.4	105.6#

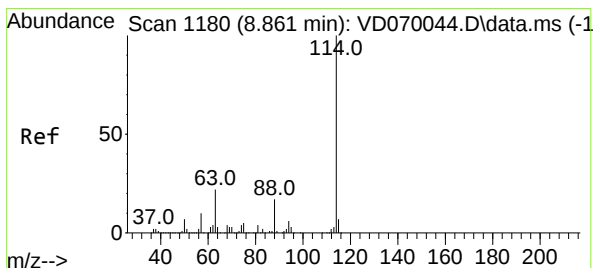
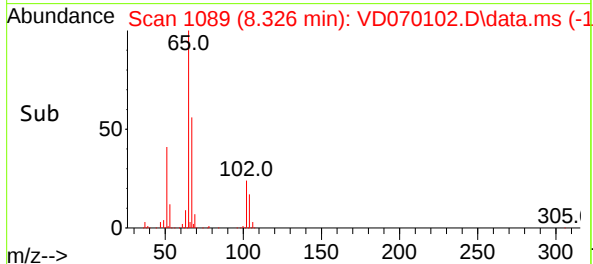
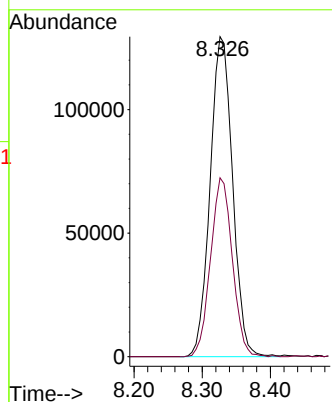
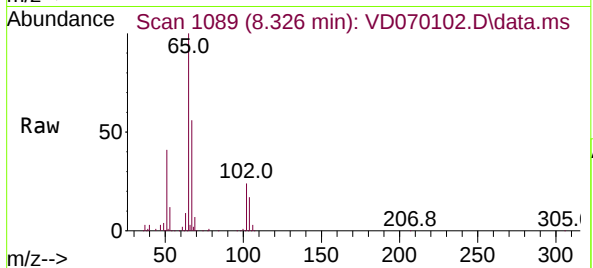




#33
1,2-Dichloroethane-d4
Concen: 67.956 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

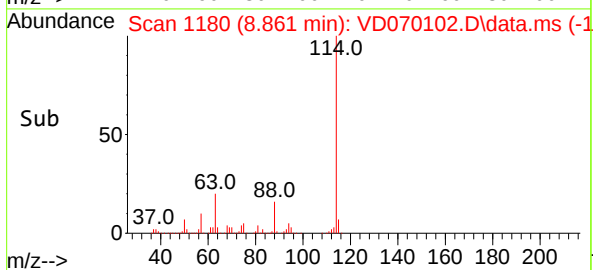
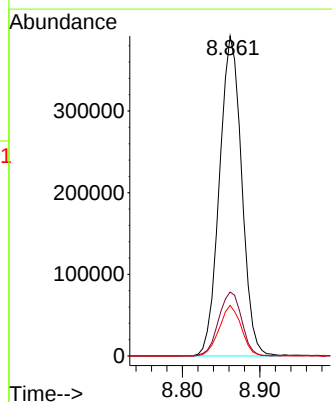
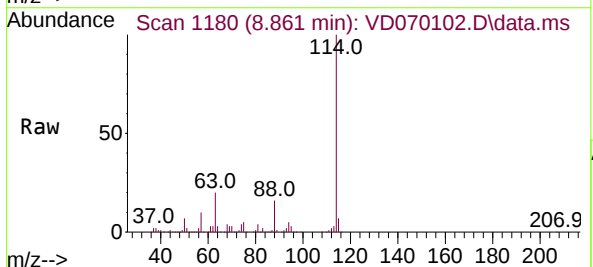
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL02

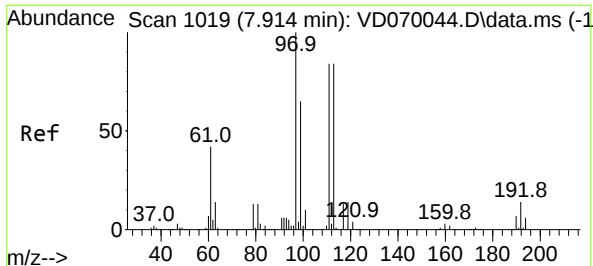
Tgt Ion: 65 Resp: 297148
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

Tgt Ion: 114 Resp: 781952
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.6
88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.871 ug/l

RT: 7.914 min Scan# 1019

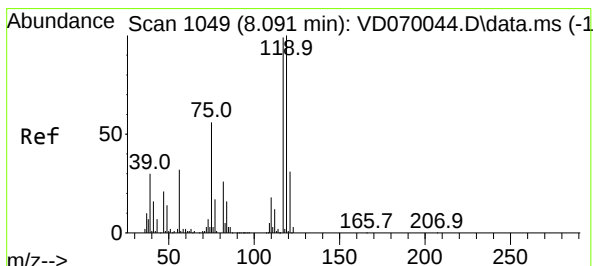
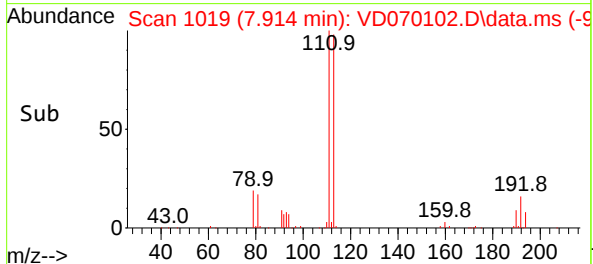
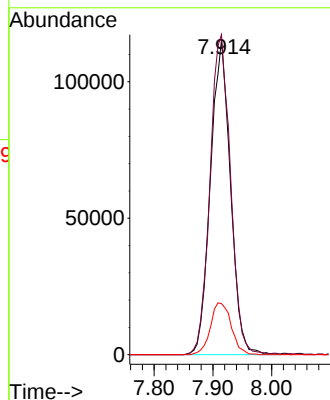
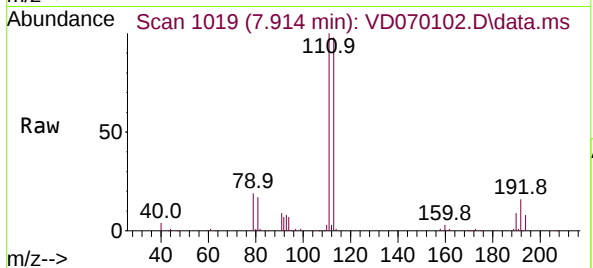
Delta R.T. 0.000 min

Lab File: VD070102.D

Acq: 17 Aug 2021 23:46

Tgt Ion:	113	Resp:	272152
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.8	122.6
192	17.2	13.2	19.8

Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL02



#38

Carbon Tetrachloride

Concen: 5.104 ug/l

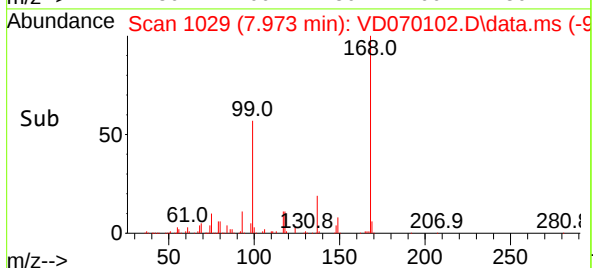
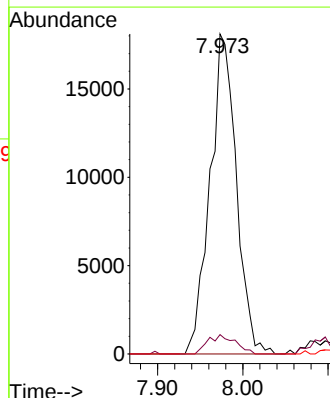
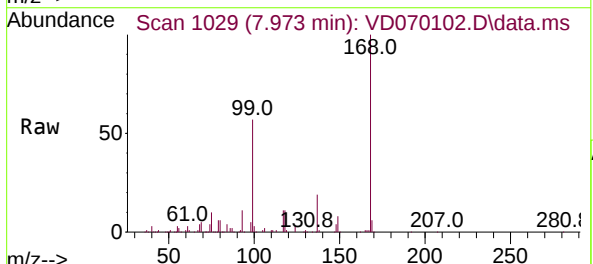
RT: 7.973 min Scan# 1029

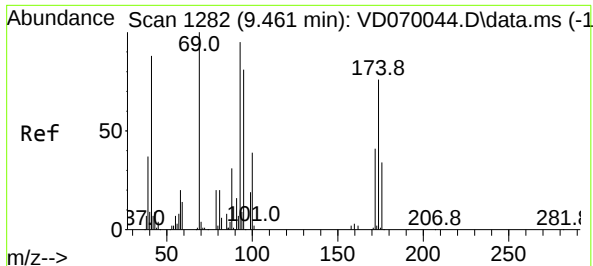
Delta R.T. -0.118 min

Lab File: VD070102.D

Acq: 17 Aug 2021 23:46

Tgt Ion:	117	Resp:	38979
Ion Ratio	Lower	Upper	
117	100		
119	6.1	81.0	121.6#
121	0.0	25.0	37.6#

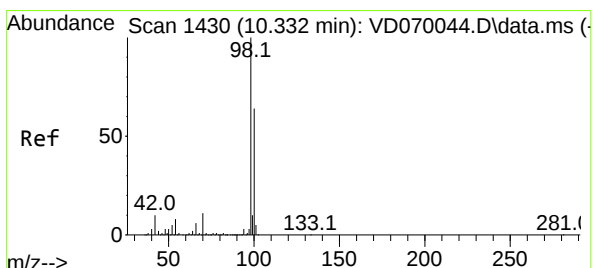
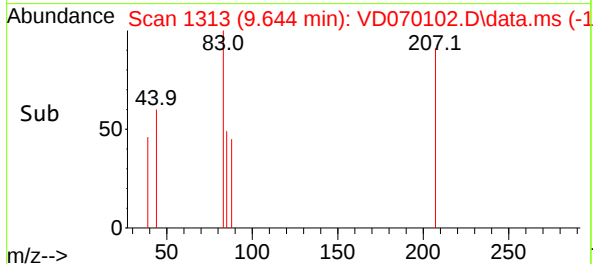
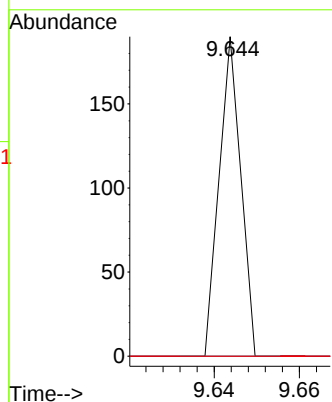
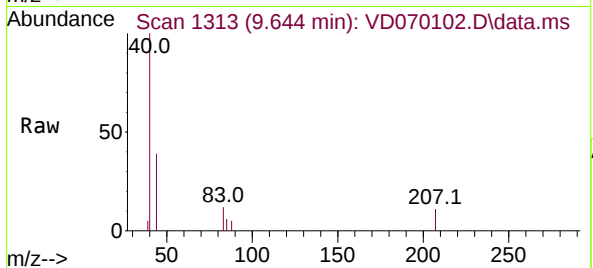




#49
1,4-Dioxane
Concen: 2.000 ug/l
RT: 9.644 min Scan# 1313
Delta R.T. 0.182 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

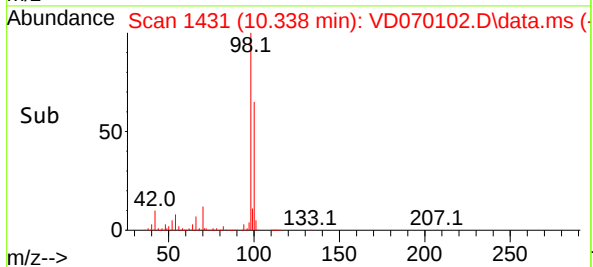
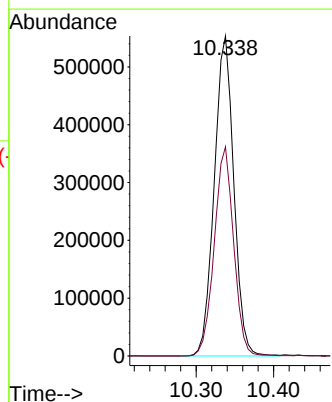
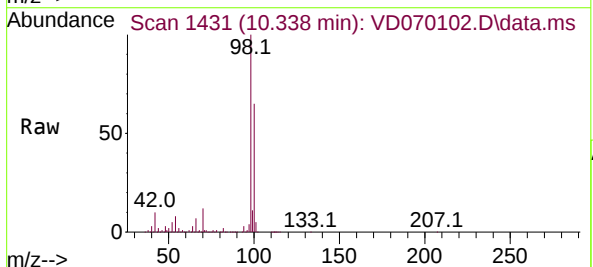
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL02

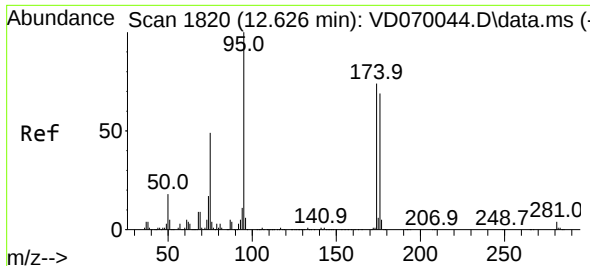
Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 0.0 57.4 86.2#



#50
Toluene-d8
Concen: 49.279 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

Tgt Ion: 98 Resp: 968295
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

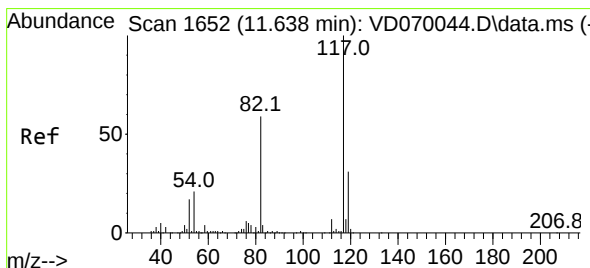
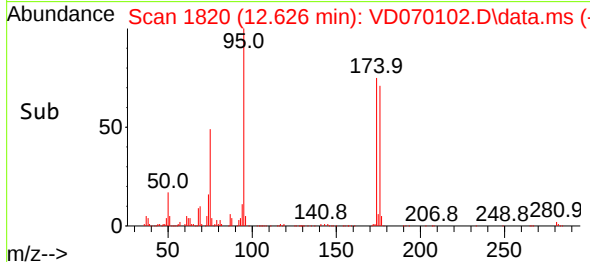
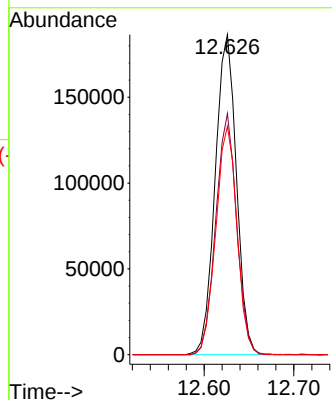
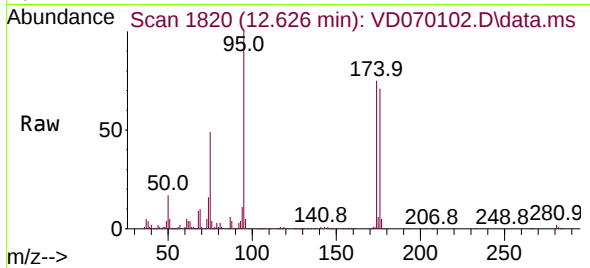




#62
4-Bromofluorobenzene
Concen: 47.293 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

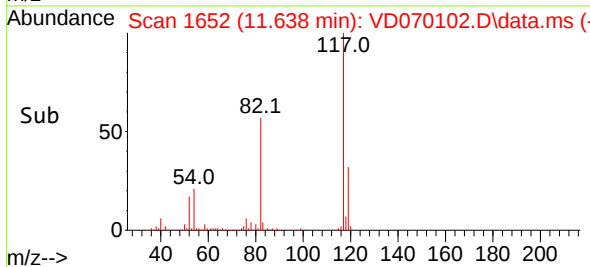
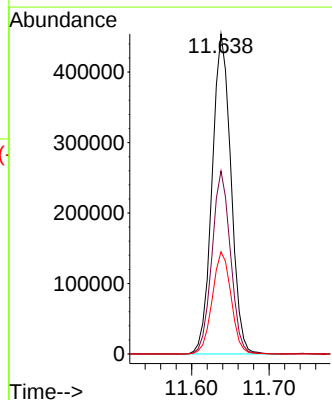
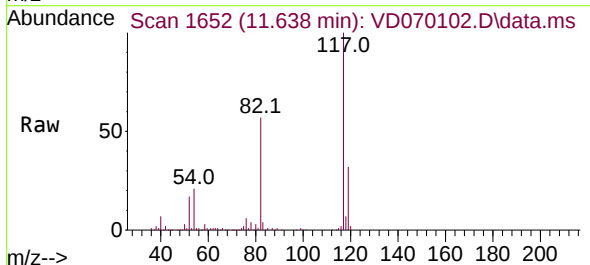
Instrument :
MSVOA_D
ClientSampleId :
VD0817SBL02

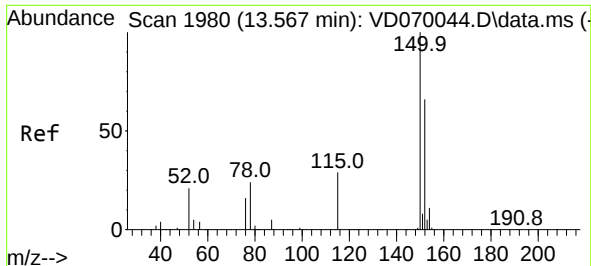
Tgt Ion: 95 Resp: 306080
Ion Ratio Lower Upper
95 100
174 74.1 0.0 141.6
176 71.3 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070102.D
Acq: 17 Aug 2021 23:46

Tgt Ion: 117 Resp: 766754
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 31.9 25.1 37.7

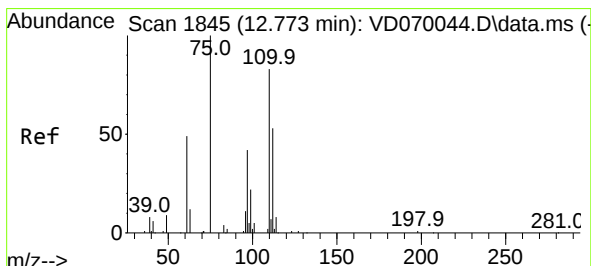
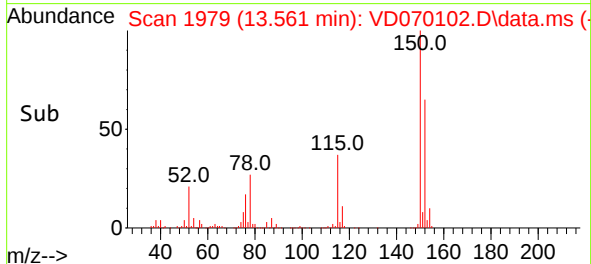
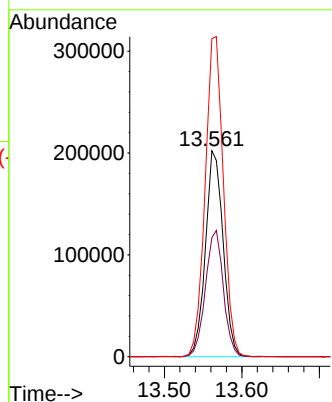
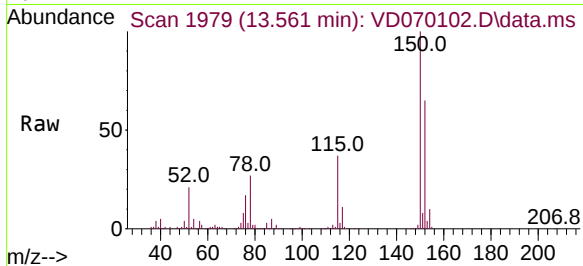




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070102.D
 Acq: 17 Aug 2021 23:46

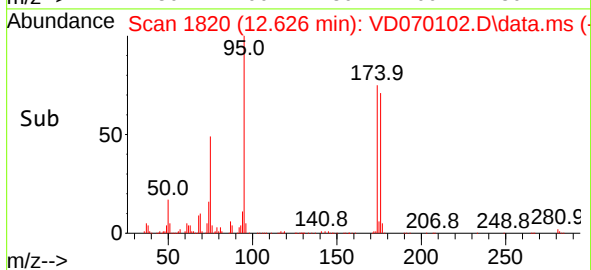
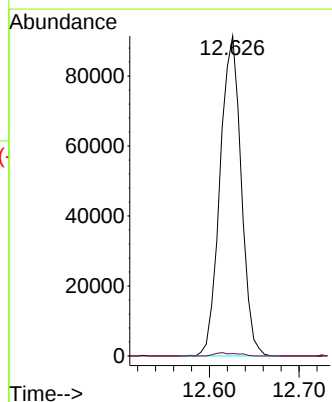
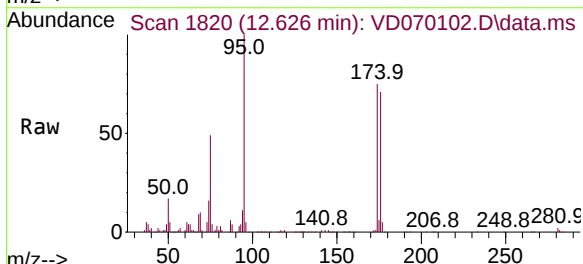
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBL02

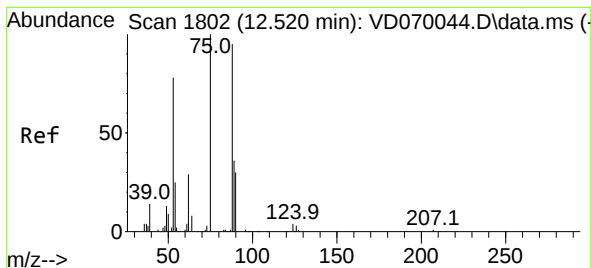
Tgt Ion:152 Resp: 319588
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.2 93.6
 150 159.9 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 46.190 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070102.D
 Acq: 17 Aug 2021 23:46

Tgt Ion: 75 Resp: 149703
 Ion Ratio Lower Upper
 75 100
 77 1.1 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.891 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070102.D
 Acq: 17 Aug 2021 23:46

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0817SBL02

Tgt Ion: 75 Resp: 149703
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.5 96.7#
 89 0.1 33.7 50.5#

