

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070300.D
 Acq On : 10 Sep 2021 15:22
 Operator : VA/SY
 Sample : M3684-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 11 02:26:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

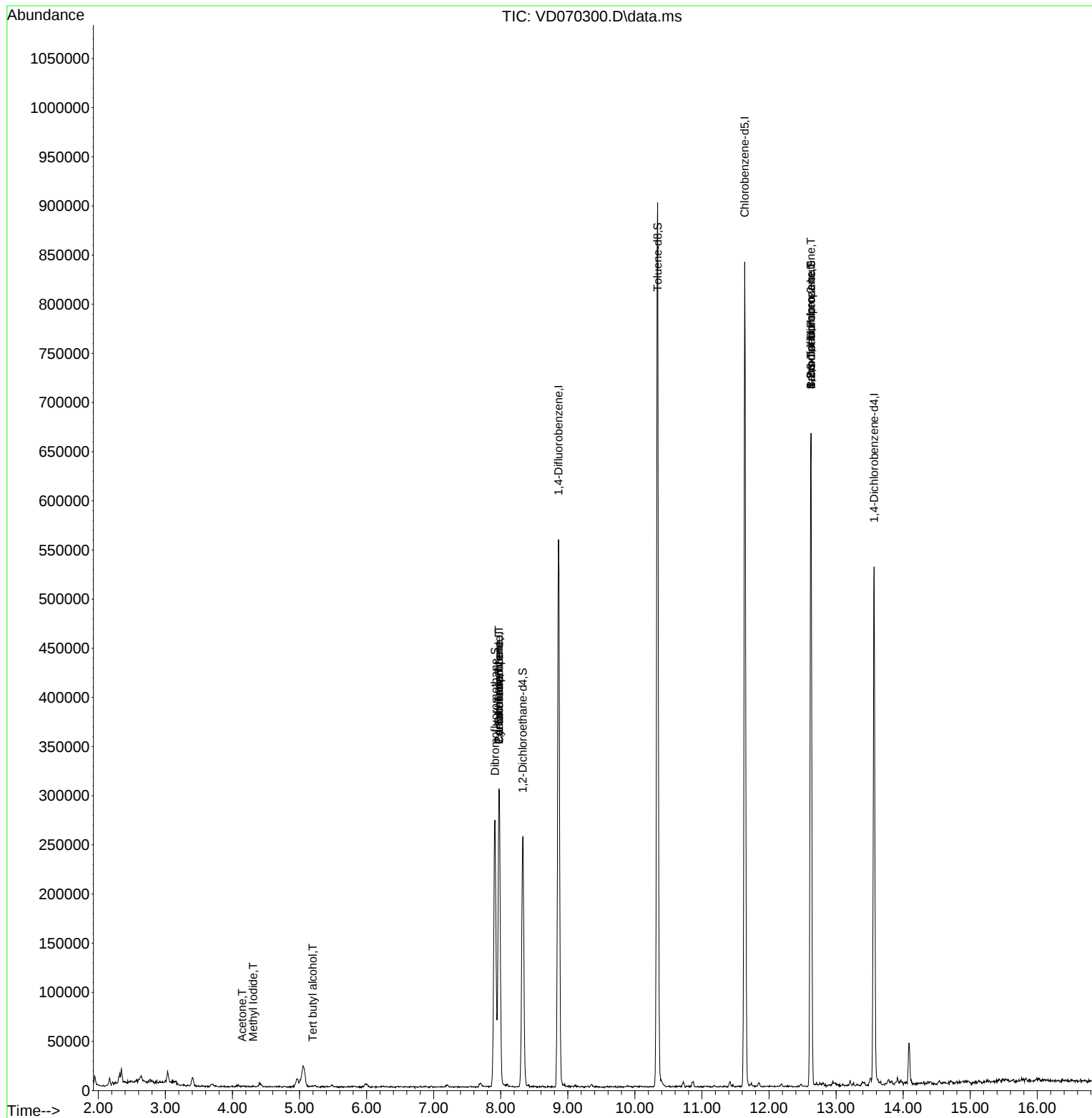
Internal Standards						
1) Pentafluorobenzene	7.973	168	210937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	471201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	470236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	137121	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204118	75.363	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 150.720%			
35) Dibromofluoromethane	7.914	113	200532	59.788	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.580%			
50) Toluene-d8	10.338	98	615576	50.549	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.626	95	175420	41.217	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.440%			
Target Compounds						
2) Dichlorodifluoromethane	1.991	85	799	Below Cal	#	43
3) Chloromethane	2.215	50	1689	Below Cal	#	68
5) Bromomethane	2.774	94	2214	Below Cal	#	77
6) Chloroethane	2.915	64	670	Below Cal	#	1
10) Methyl Iodide	4.309	142	1313	1.522	ug/l #	50
11) Tert butyl alcohol	5.197	59	1226	4.003	ug/l #	100
16) Acetone	4.144	43	509	1.053	ug/l #	36
18) Methyl Acetate	4.703	43	74	Below Cal	#	48
20) Methylene Chloride	4.962	84	6339	Below Cal		95
31) Cyclohexane	7.973	56	6570	1.408	ug/l #	20
36) 1,1-Dichloropropene	7.973	75	19321	3.836	ug/l #	47
38) Carbon Tetrachloride	7.973	117	23705	4.759	ug/l #	18
71) Bromoform	12.626	173	1995	1.131	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	86687	62.500	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	86687	156.599	ug/l #	18

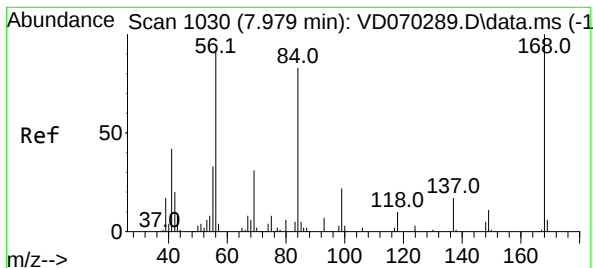
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
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ClientSampleId :

Quant Time: Sep 11 02:26:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 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: VD070300.D

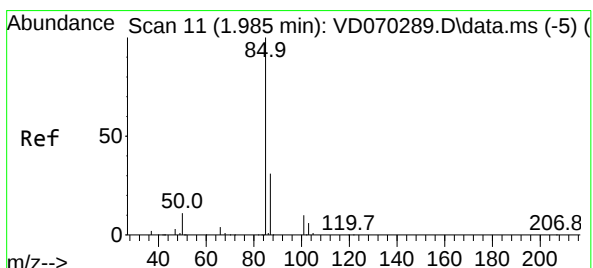
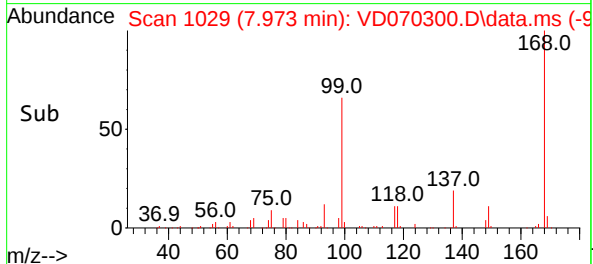
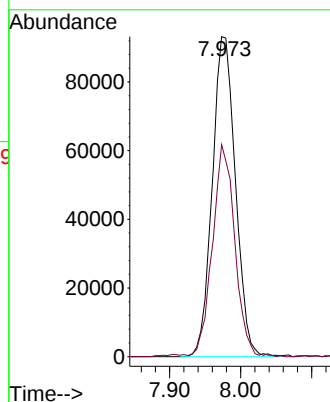
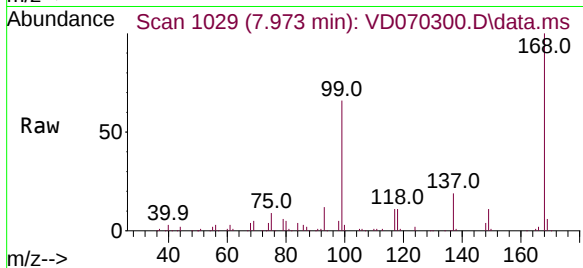
Acq: 10 Sep 2021 15:22

Tgt Ion:168 Resp: 210937

Ion Ratio Lower Upper

168 100

99 65.9 50.8 76.2



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.991 min Scan# 12

Delta R.T. 0.006 min

Lab File: VD070300.D

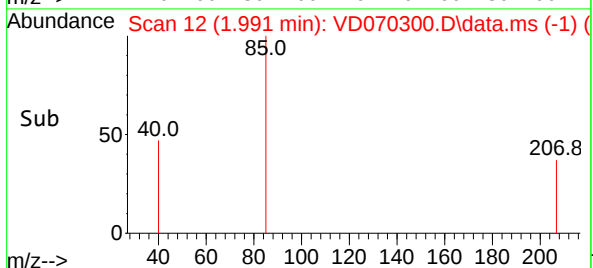
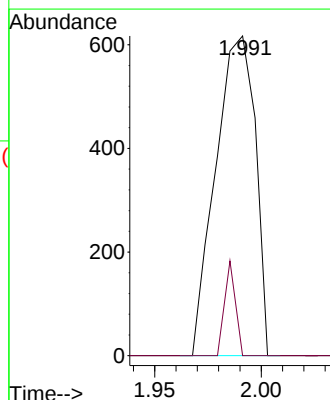
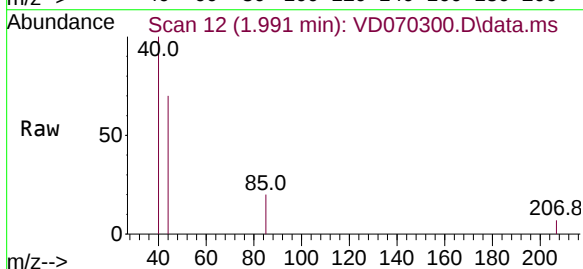
Acq: 10 Sep 2021 15:22

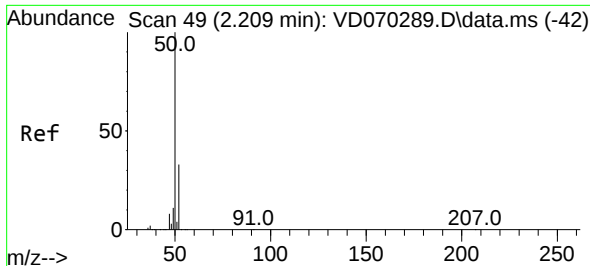
Tgt Ion: 85 Resp: 799

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#

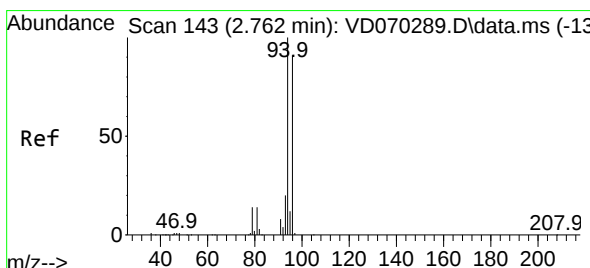
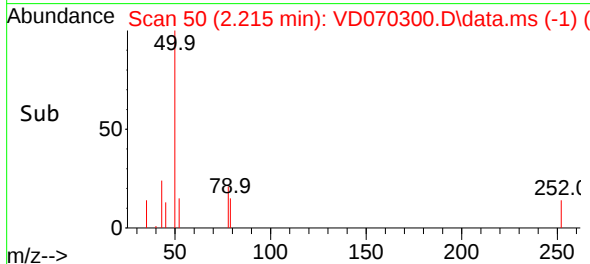
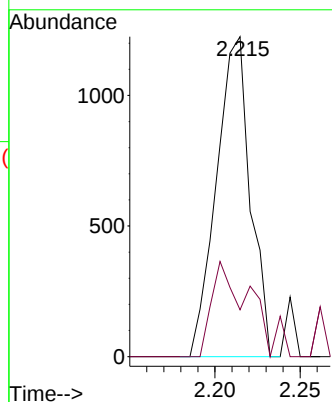
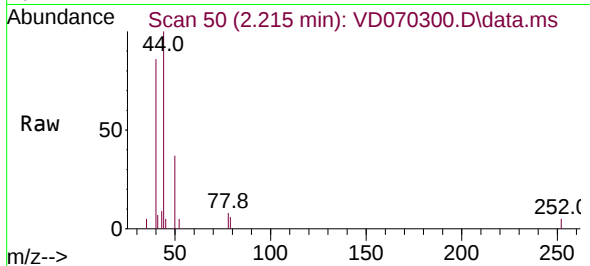




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

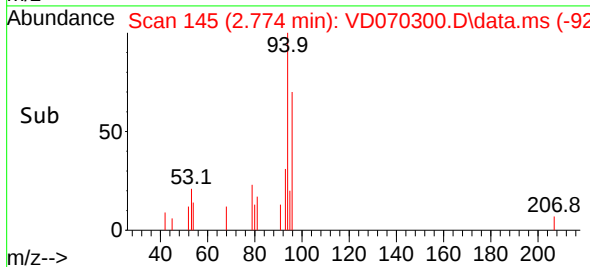
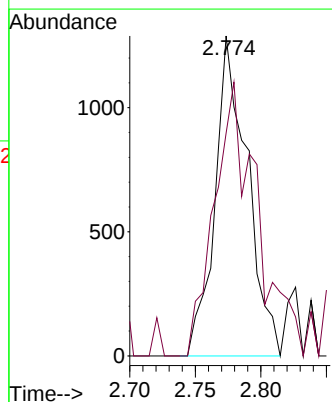
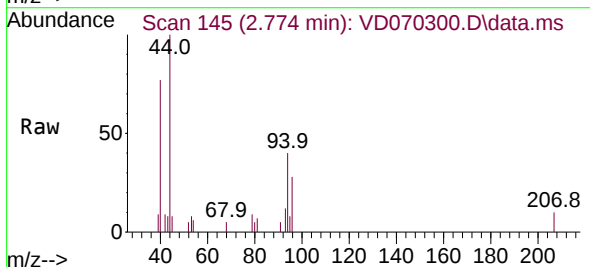
Instrument :
MSVOA_D
ClientSampled :

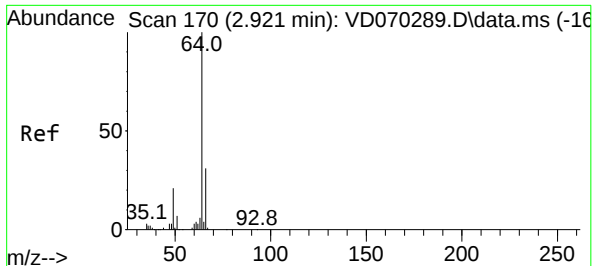
Tgt Ion: 50 Resp: 1689
Ion Ratio Lower Upper
50 100
52 14.6 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion: 94 Resp: 2214
Ion Ratio Lower Upper
94 100
96 69.7 73.0 109.6#

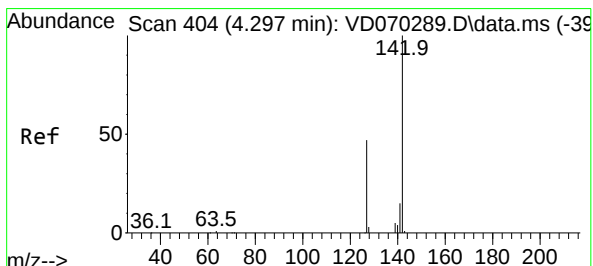
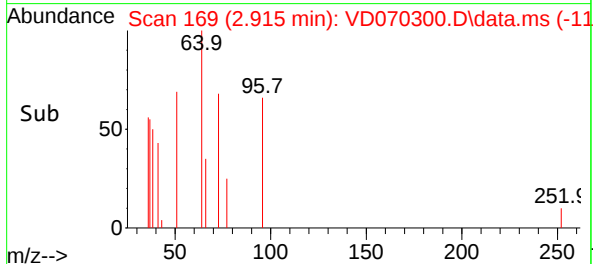
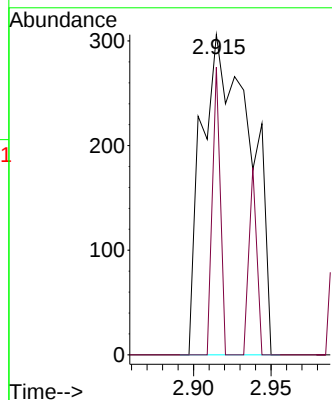
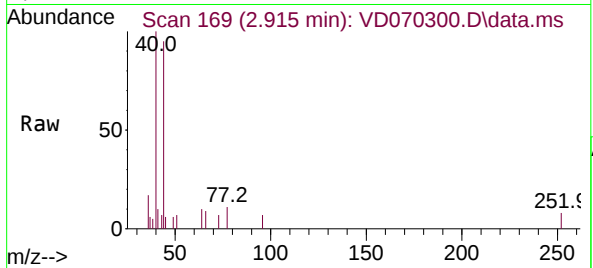




#6
Chloroethane
Concen: Below Cal
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

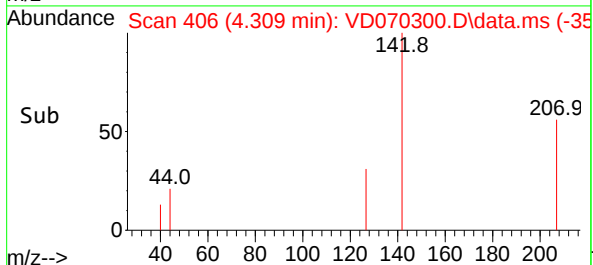
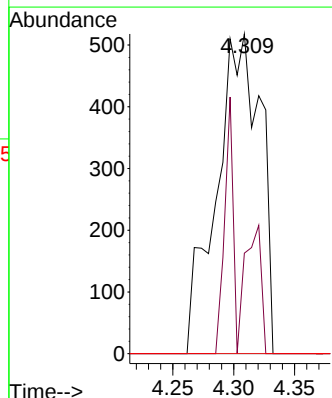
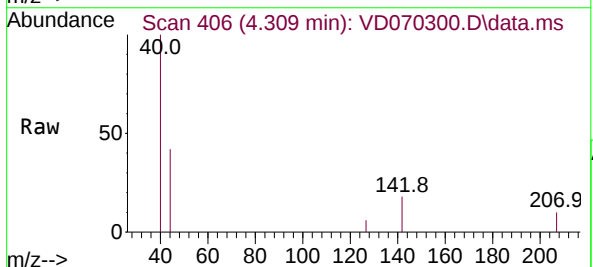
Instrument :
MSVOA_D
ClientSampled :

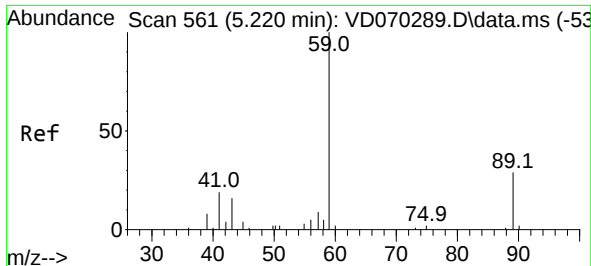
Tgt Ion: 64 Resp: 670
Ion Ratio Lower Upper
64 100
66 89.9 25.0 37.4#



#10
Methyl Iodide
Concen: 1.522 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion: 142 Resp: 1313
Ion Ratio Lower Upper
142 100
127 10.2 36.9 55.3#
141 0.0 11.8 17.6#

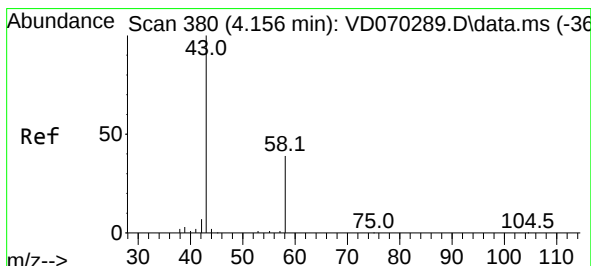
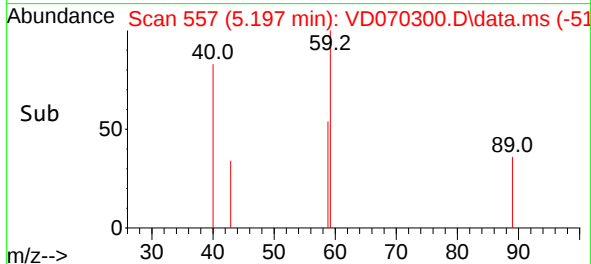
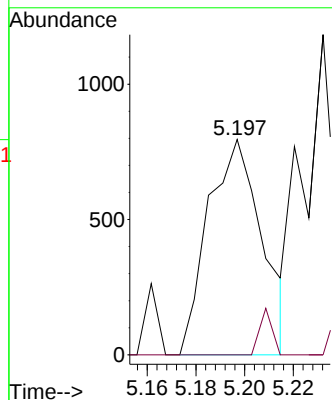
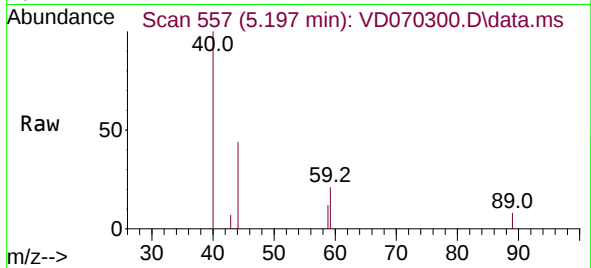




#11
Tert butyl alcohol
Concen: 4.003 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

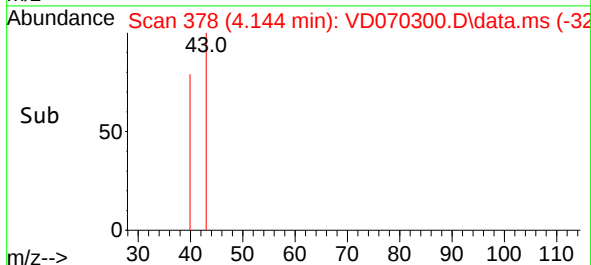
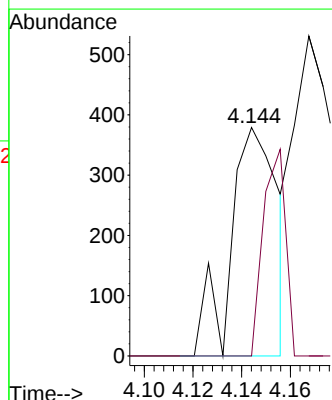
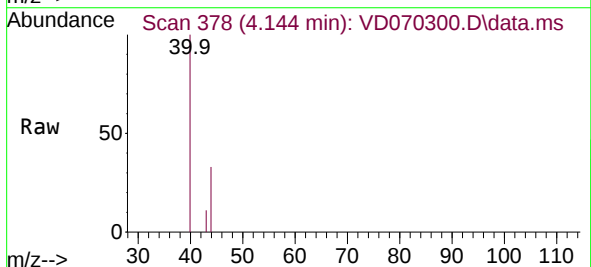
Instrument :
MSVOA_D
ClientSampled :

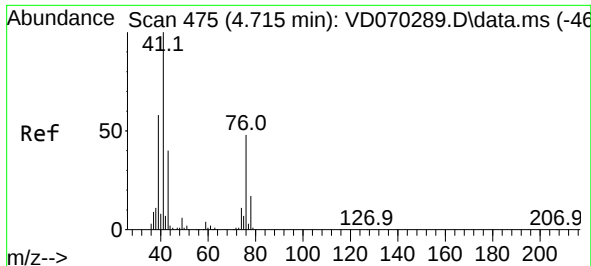
Tgt Ion: 59 Resp: 1226
Ion Ratio Lower Upper
59 100
57 5.0 0.0 0.0#



#16
Acetone
Concen: 1.053 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion: 43 Resp: 509
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#

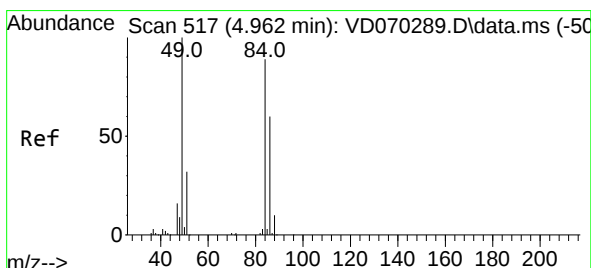
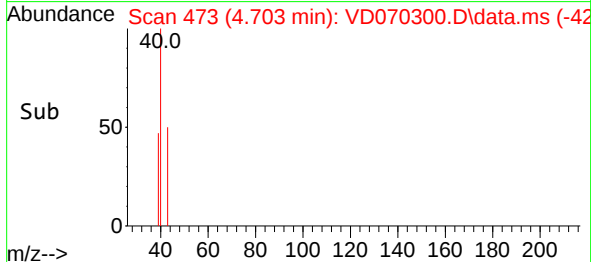
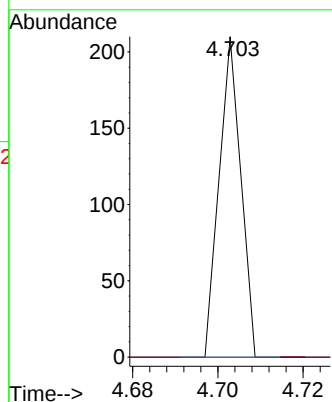
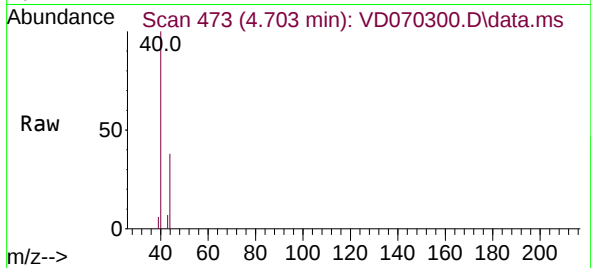




#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

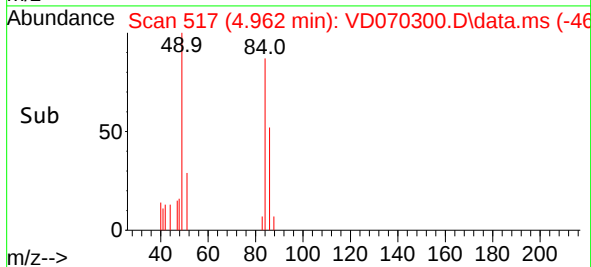
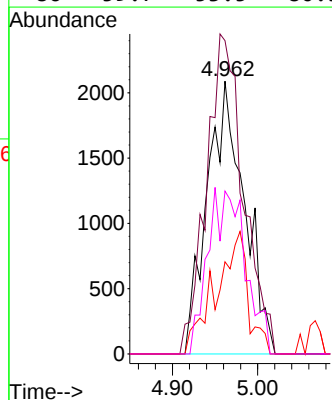
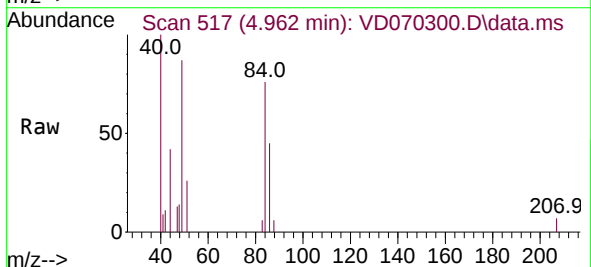
Instrument :
MSVOA_D
ClientSampled :

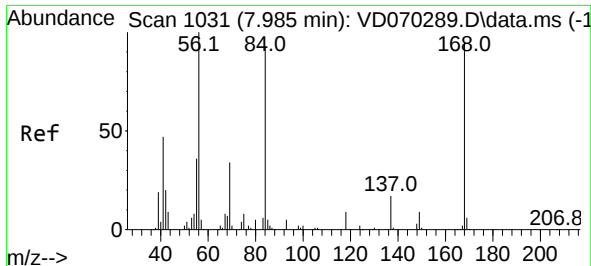
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion: 84 Resp: 6339
Ion Ratio Lower Upper
84 100
49 114.8 89.6 134.4
51 33.8 28.6 43.0
86 59.7 53.5 80.3

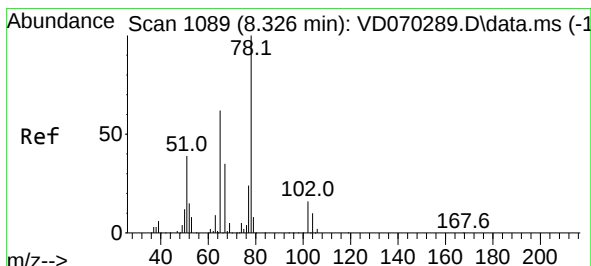
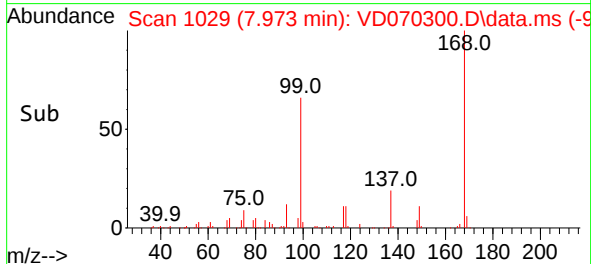
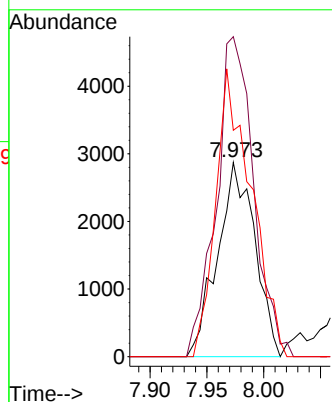
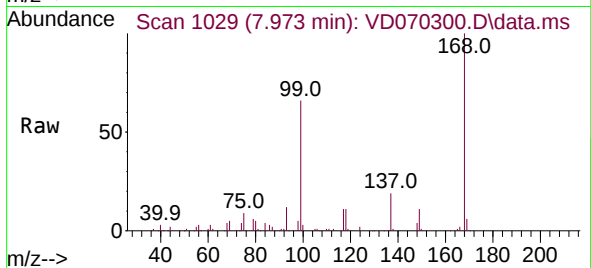




#31
Cyclohexane
Concen: 1.408 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

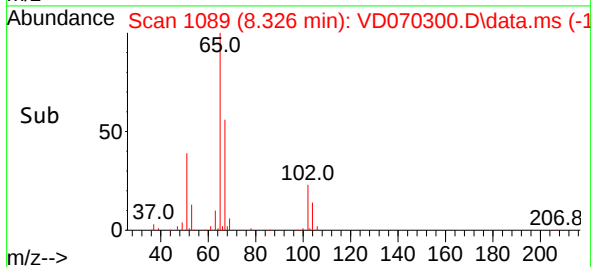
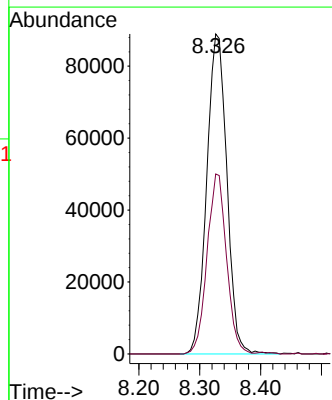
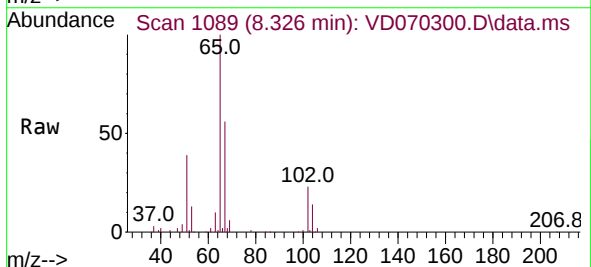
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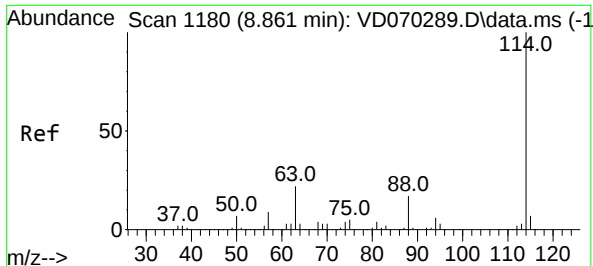
Tgt Ion: 56 Resp: 6570
Ion Ratio Lower Upper
56 100
69 164.7 26.9 40.3#
84 116.6 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 75.363 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion: 65 Resp: 204118
Ion Ratio Lower Upper
65 100
67 54.4 0.0 111.4

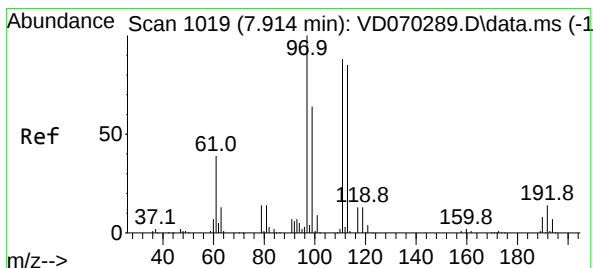
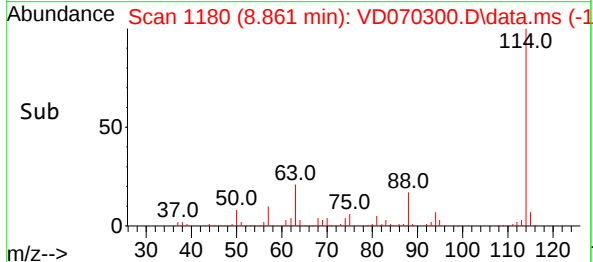
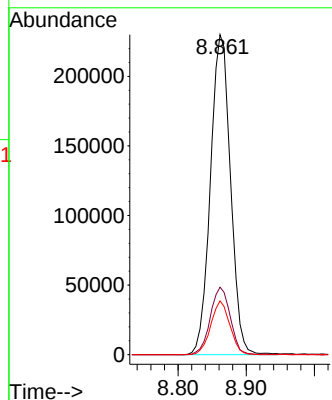
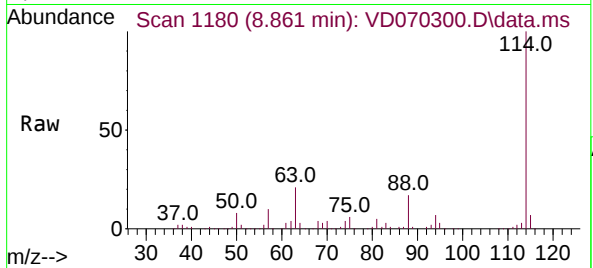




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

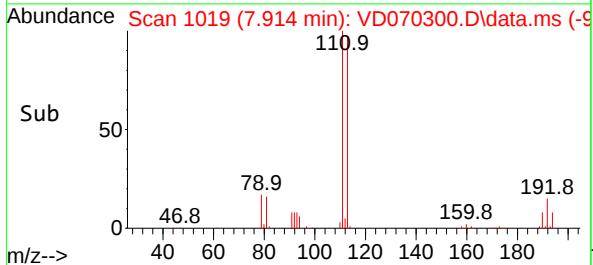
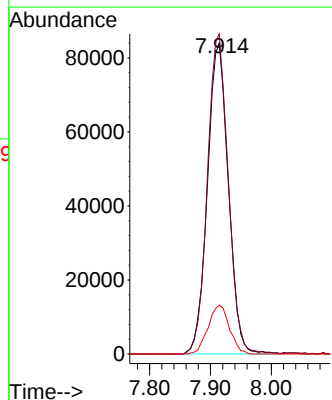
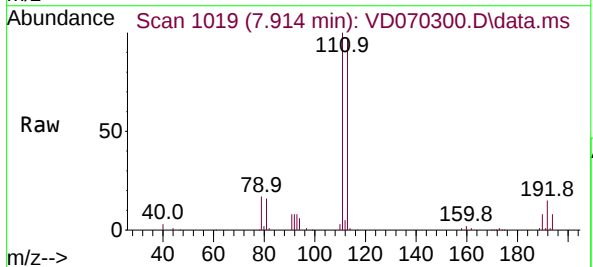
Instrument :
MSVOA_D
ClientSampled :

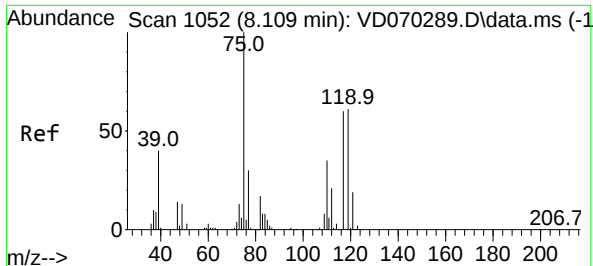
Tgt Ion:114 Resp: 471201
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.4
88 16.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 59.788 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion:113 Resp: 200532
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 16.0 13.0 19.6





#36

1,1-Dichloropropene

Concen: 3.836 ug/l

RT: 7.973 min Scan# 1029

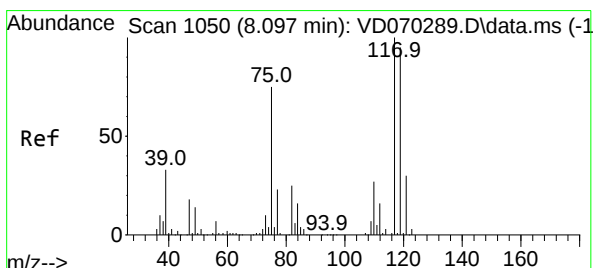
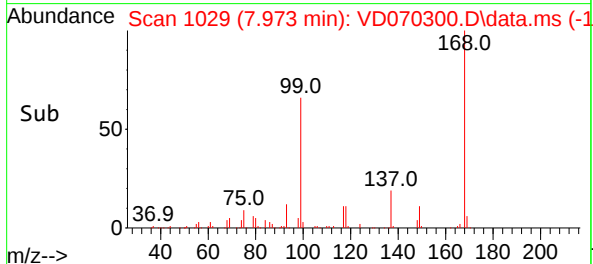
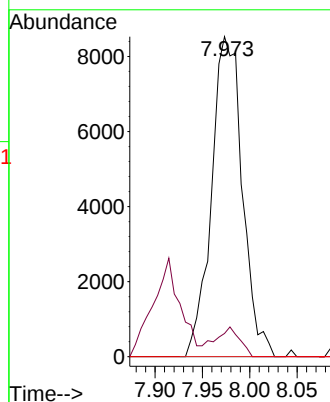
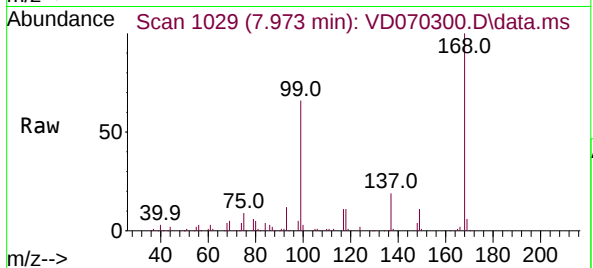
Delta R.T. -0.135 min

Lab File: VD070300.D

Acq: 10 Sep 2021 15:22

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75	Resp: 19321
Ion Ratio	Lower Upper
75 100	
110 7.3	17.9 53.7#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 4.759 ug/l

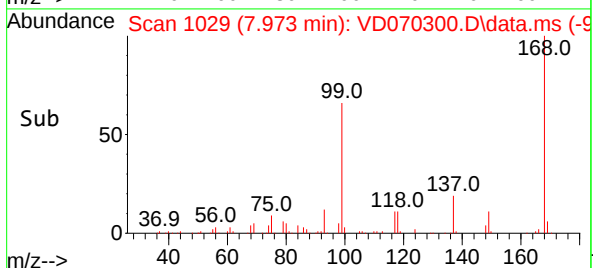
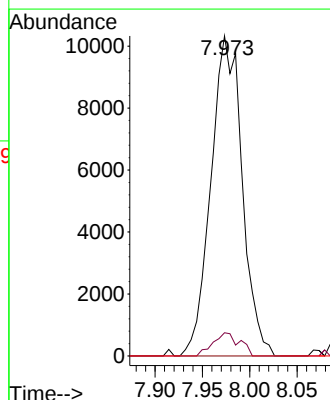
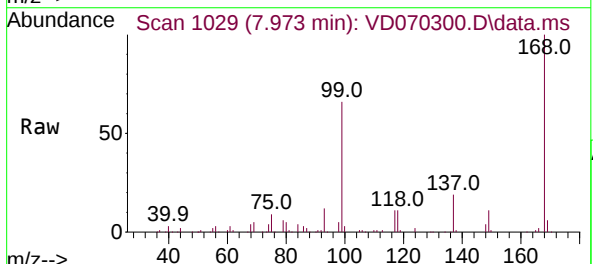
RT: 7.973 min Scan# 1029

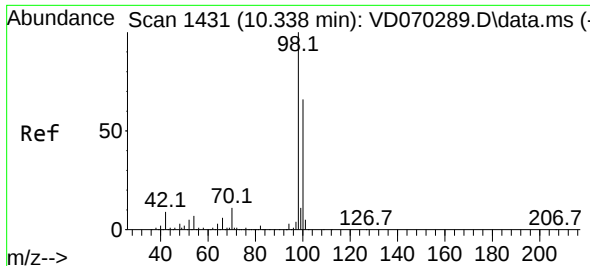
Delta R.T. -0.124 min

Lab File: VD070300.D

Acq: 10 Sep 2021 15:22

Tgt Ion: 117	Resp: 23705
Ion Ratio	Lower Upper
117 100	
119 7.2	76.1 114.1#
121 0.0	23.8 35.6#

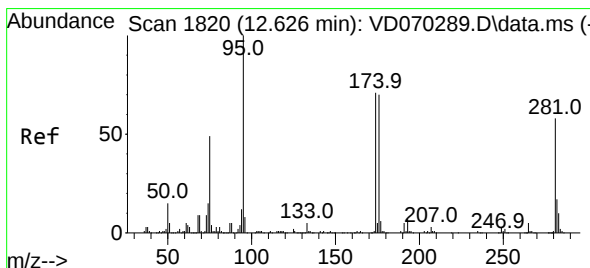
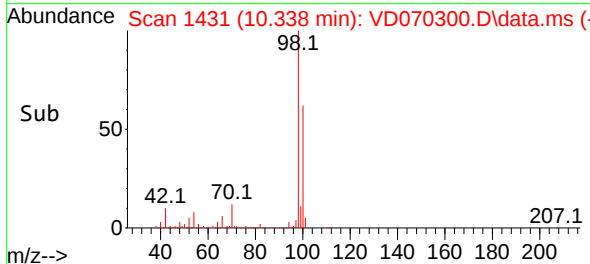
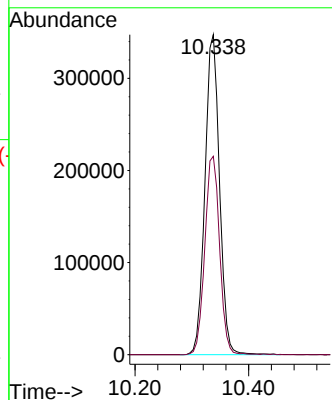
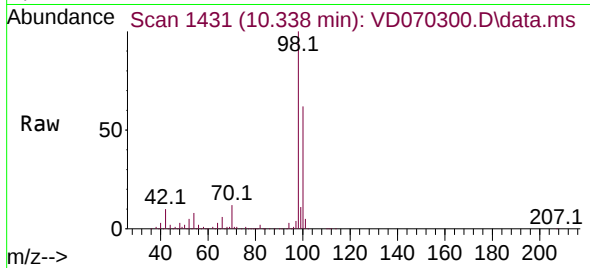




#50
Toluene-d8
Concen: 50.549 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

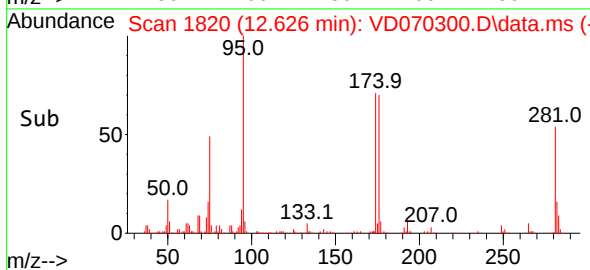
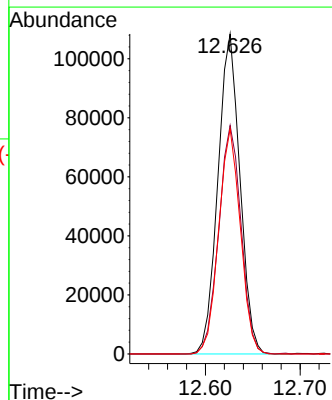
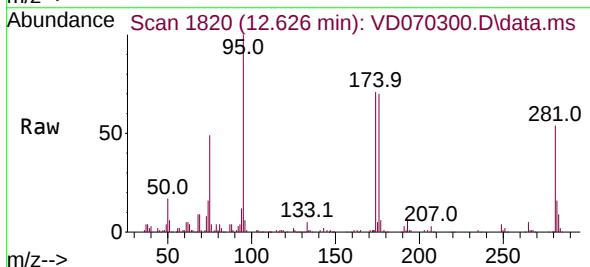
Instrument :
MSVOA_D
ClientSampled :

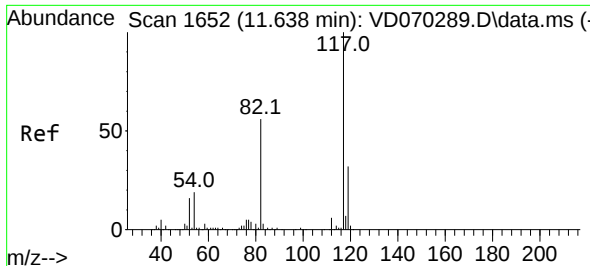
Tgt Ion: 98 Resp: 615576
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.217 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion: 95 Resp: 175420
Ion Ratio Lower Upper
95 100
174 72.3 0.0 140.6
176 69.2 0.0 137.4

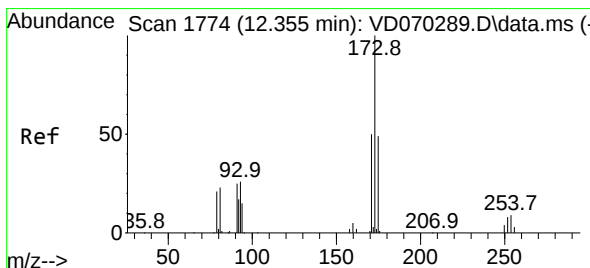
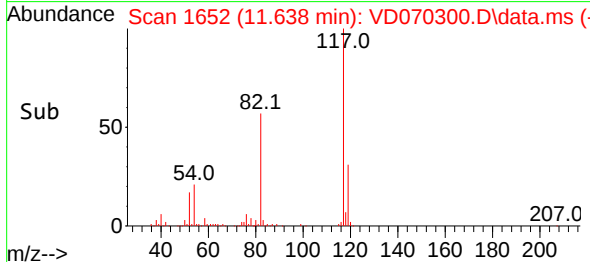
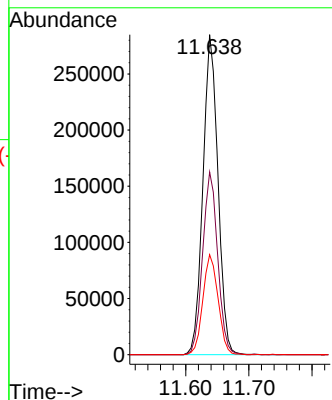
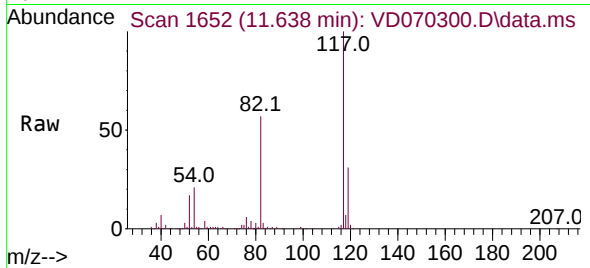




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

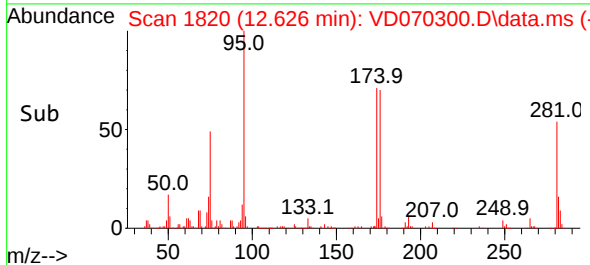
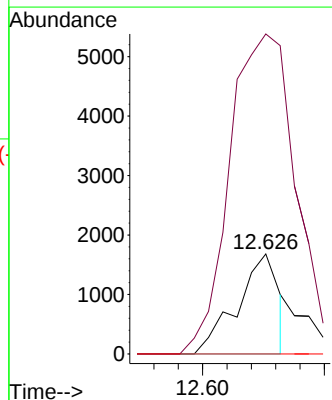
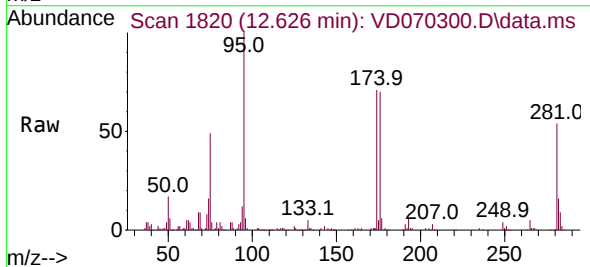
Instrument :
MSVOA_D
ClientSampled :

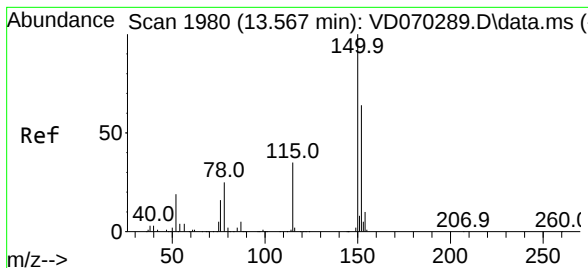
Tgt Ion:117 Resp: 470236
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 31.3 25.2 37.8



#71
Bromoform
Concen: 1.131 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

Tgt Ion:173 Resp: 1995
Ion Ratio Lower Upper
173 100
175 411.2 25.1 75.2#
254 0.0 0.1 0.1#

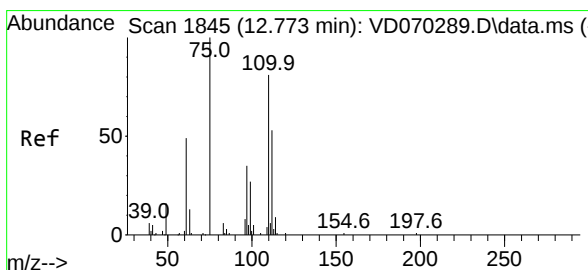
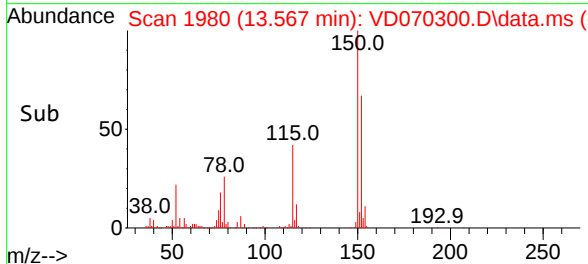
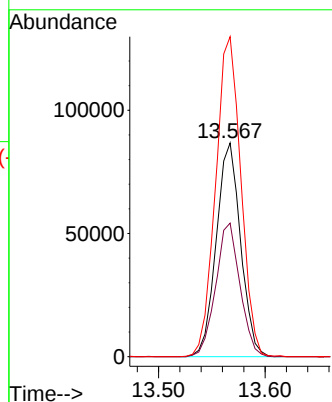
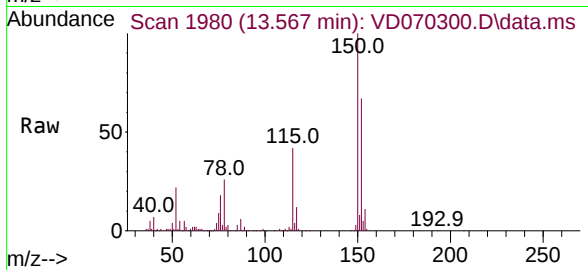




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

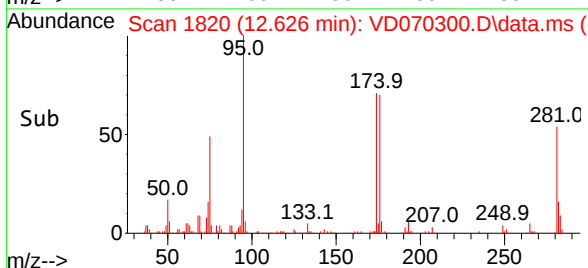
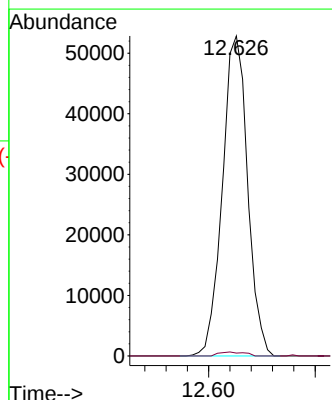
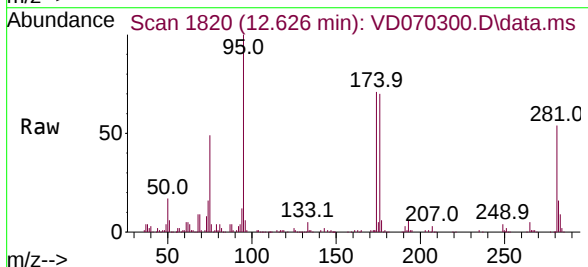
Instrument :
MSVOA_D
ClientSampled :

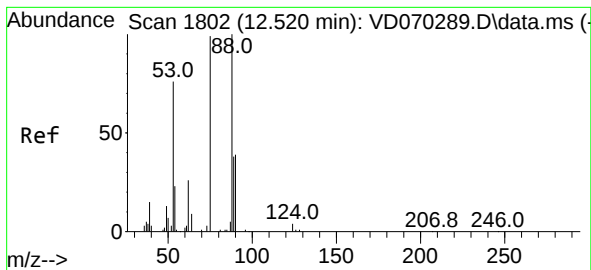
Tgt Ion:152 Resp: 137121
Ion Ratio Lower Upper
152 100
115 62.6 32.1 96.3
150 155.6 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 62.500 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070300.D
Acq: 10 Sep 2021 15:22

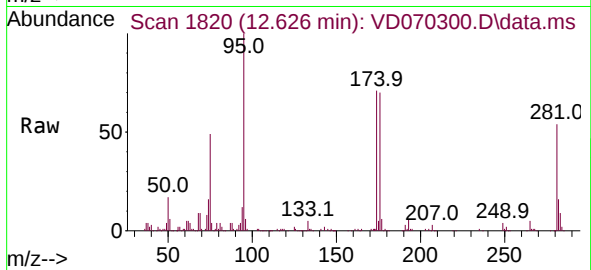
Tgt Ion: 75 Resp: 86687
Ion Ratio Lower Upper
75 100
77 1.3 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.599 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070300.D
 Acq: 10 Sep 2021 15:22

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 86687
 Ion Ratio Lower Upper
 75 100
 53 0.4 64.2 96.2#
 89 0.6 35.6 53.4#

