

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070201.D
 Acq On : 20 Aug 2021 14:23
 Operator : VA/SY
 Sample : M3418-10RE
 Misc : 4.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

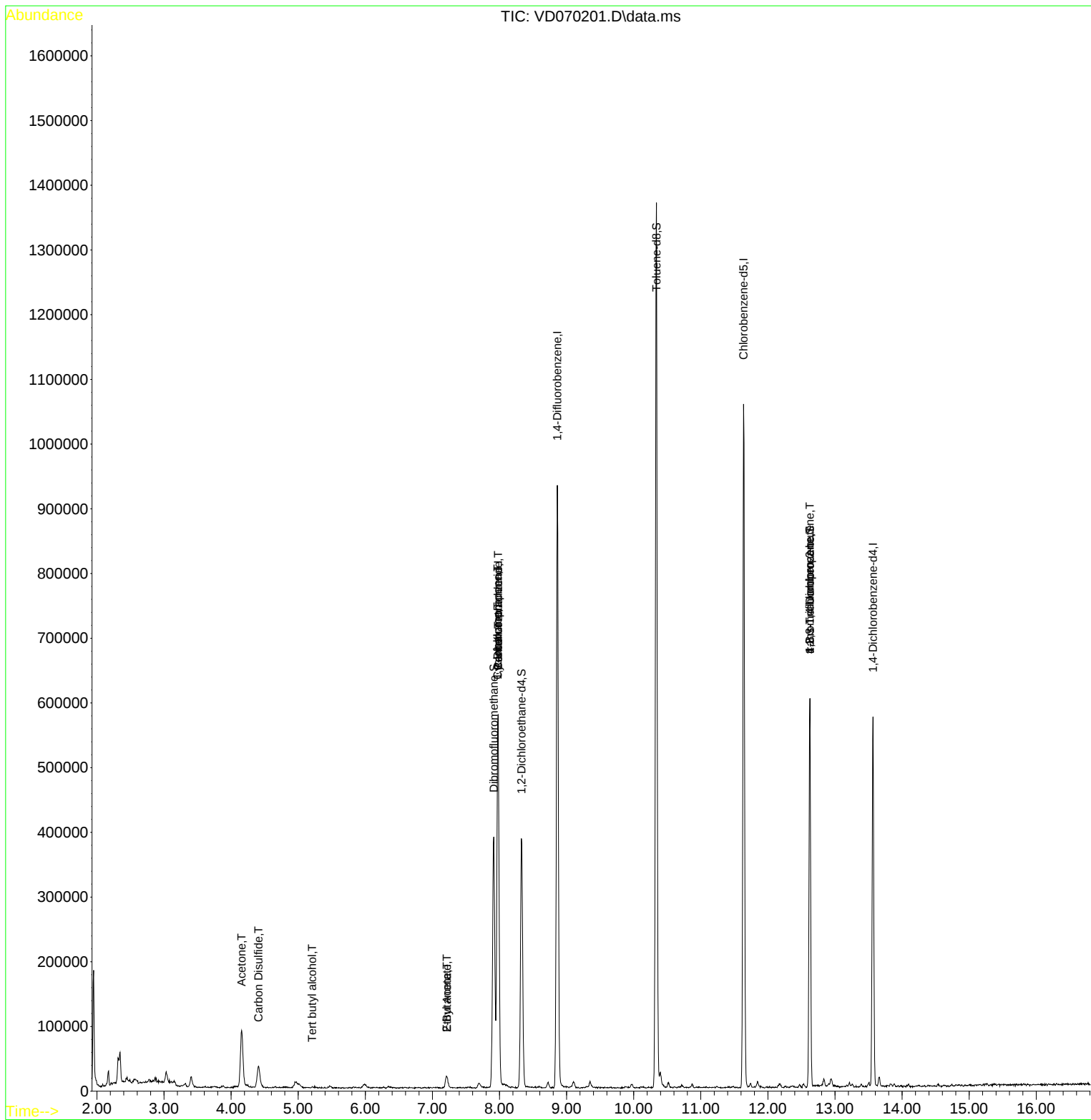
Quant Time: Aug 23 03:52:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

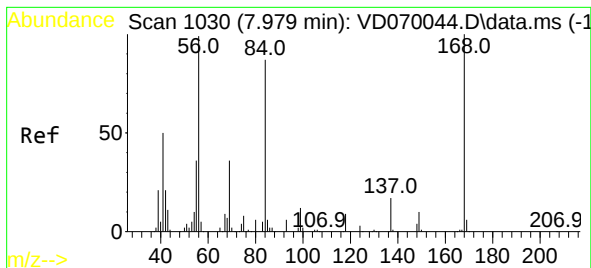
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	407648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	778213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	616324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	149776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	301813	62.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.900%	
35) Dibromofluoromethane	7.914	113	283356	56.358	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.720%	
50) Toluene-d8	10.338	98	929572	47.536	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.080%	
62) 4-Bromofluorobenzene	12.626	95	204888	31.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.620%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	829	Below Cal		76
3) Chloromethane	2.209	50	2319	Below Cal	#	80
5) Bromomethane	2.774	94	2607	Below Cal		88
11) Tert butyl alcohol	5.209	59	455	1.717	ug/l	97
16) Acetone	4.156	43	150071	169.909	ug/l	97
17) Carbon Disulfide	4.409	76	69550	3.972	ug/l	99
20) Methylene Chloride	4.950	84	7436	Below Cal	#	92
25) 2-Butanone	7.215	43	24398	20.216	ug/l #	84
31) Cyclohexane	7.973	56	11863	1.250	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	36611	4.373	ug/l #	49
37) Ethyl Acetate	7.215	43	24398	8.023	ug/l #	82
38) Carbon Tetrachloride	7.979	117	43001	5.658	ug/l #	13
76) 1,2,3-Trichloropropane	12.626	75	100549	66.197	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	100549	171.823	ug/l #	18

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

Quant Time: Aug 23 03:52:49 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

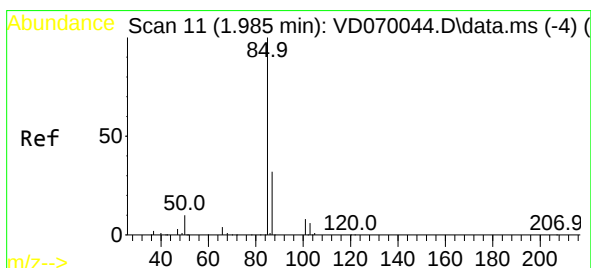
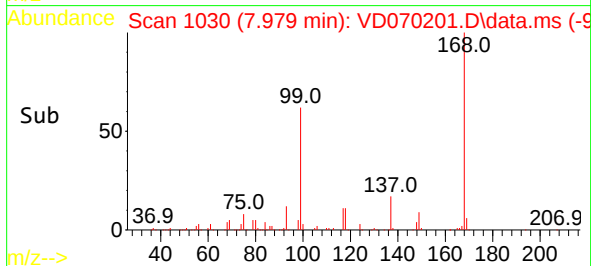
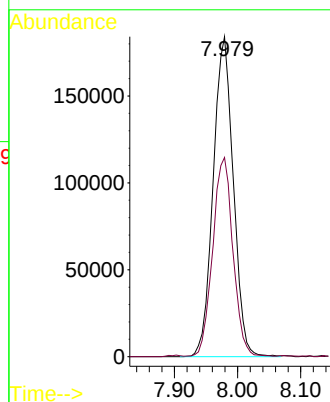
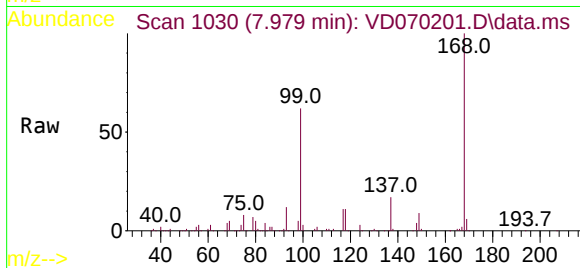




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

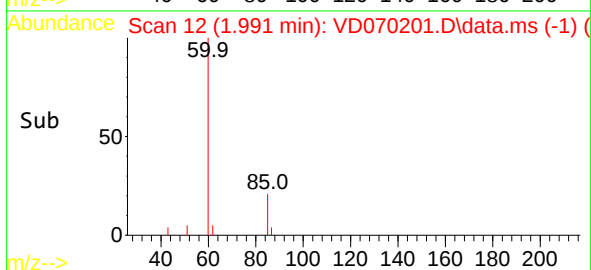
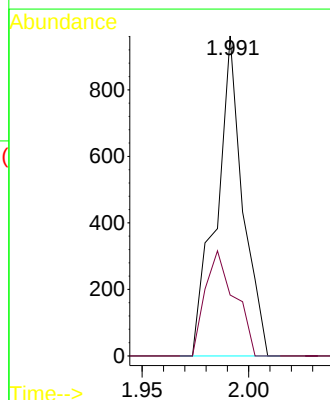
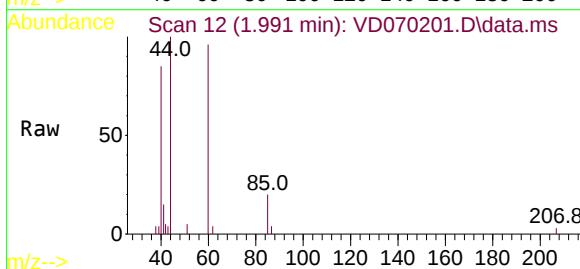
Instrument :
MSVOA_D
ClientSampleId :

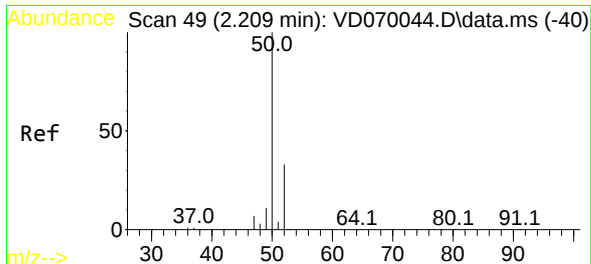
Tgt Ion:168 Resp: 407648
Ion Ratio Lower Upper
168 100
99 62.0 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Tgt Ion: 85 Resp: 829
Ion Ratio Lower Upper
85 100
87 19.0 16.2 48.6

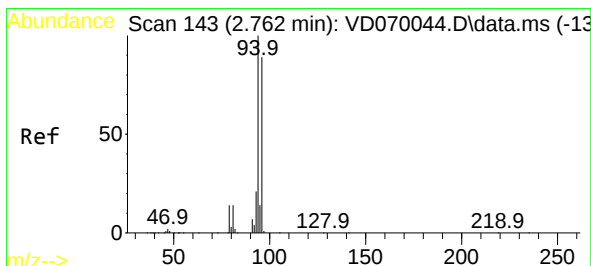
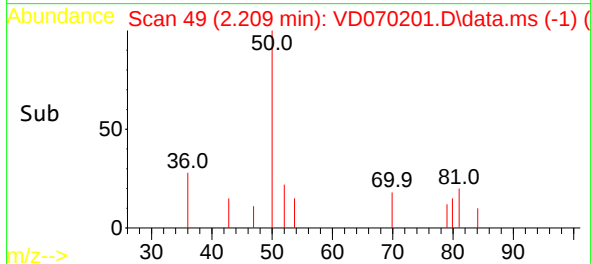
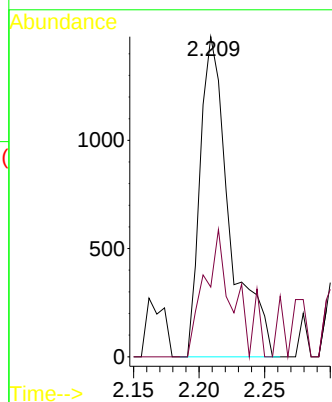
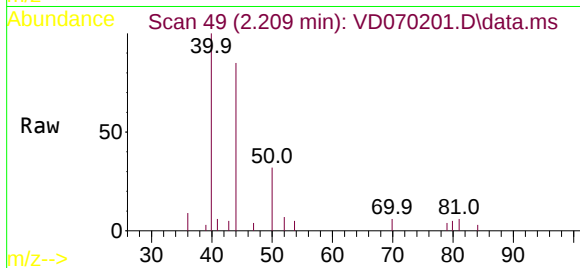




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

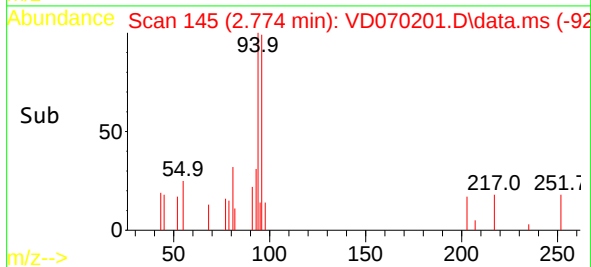
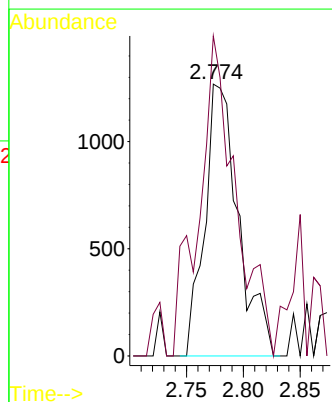
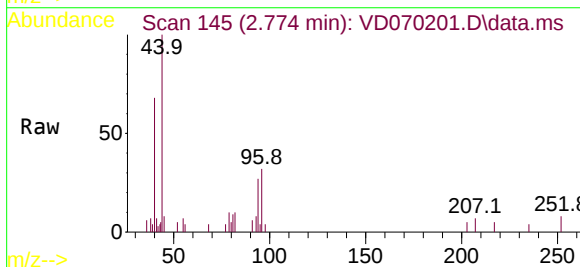
Instrument :
MSVOA_D
ClientSampled :

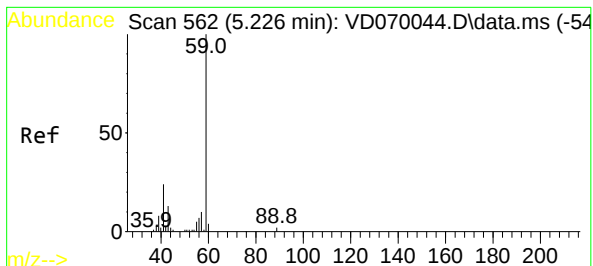
Tgt Ion: 50 Resp: 2319
Ion Ratio Lower Upper
50 100
52 21.8 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Tgt Ion: 94 Resp: 2607
Ion Ratio Lower Upper
94 100
96 99.4 70.9 106.3



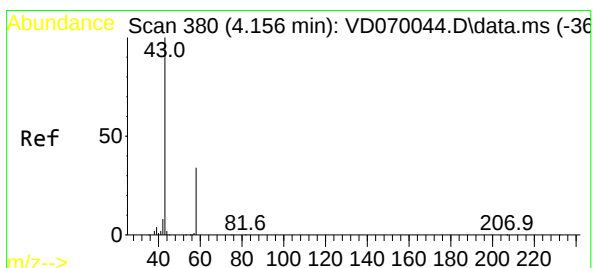
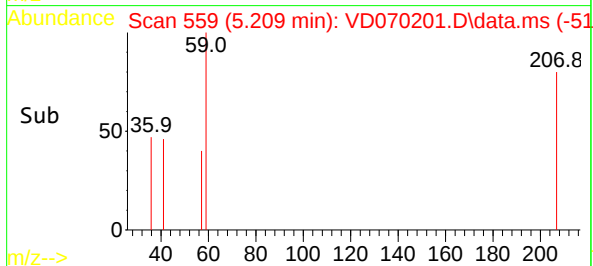
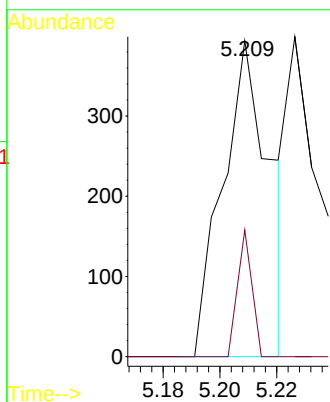
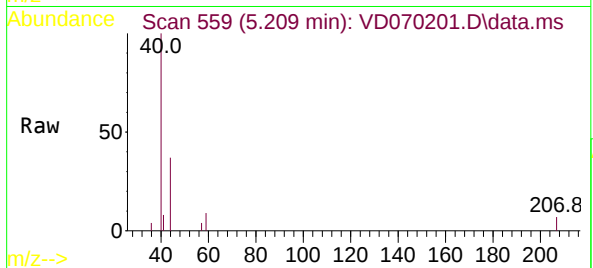


#11

Tert butyl alcohol
Concen: 1.717 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.018 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Instrument :
MSVOA_D
ClientSampled :

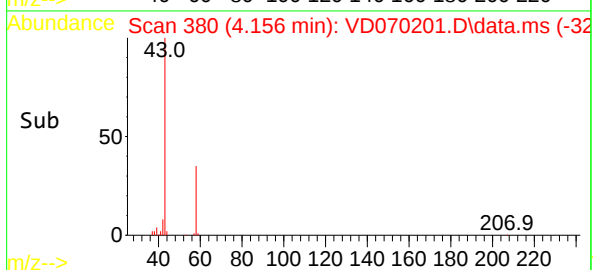
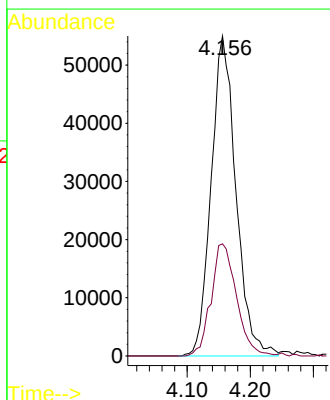
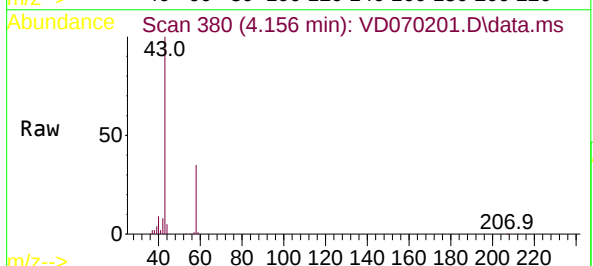
Tgt Ion: 59 Resp: 455
Ion Ratio Lower Upper
59 100
57 12.3 8.8 13.2

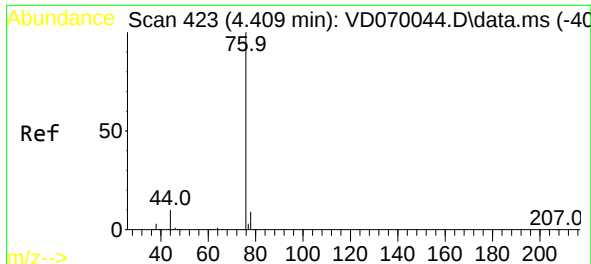


#16

Acetone
Concen: 169.909 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

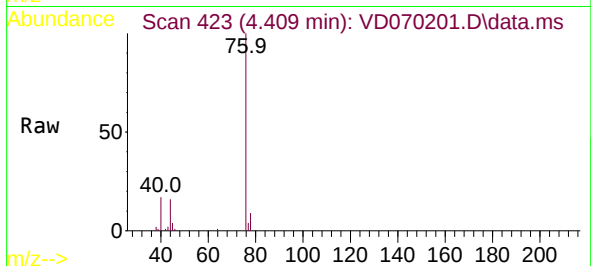
Tgt Ion: 43 Resp: 150071
Ion Ratio Lower Upper
43 100
58 35.0 26.8 40.2



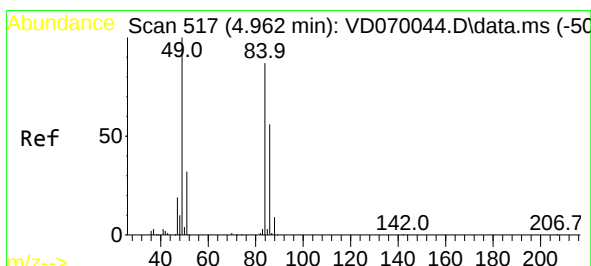
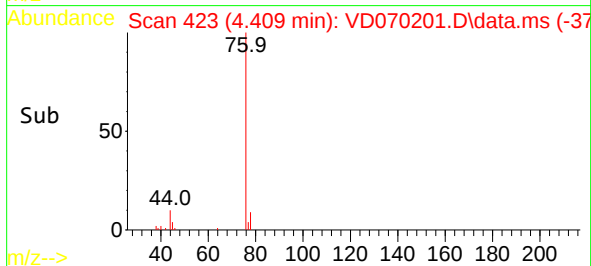
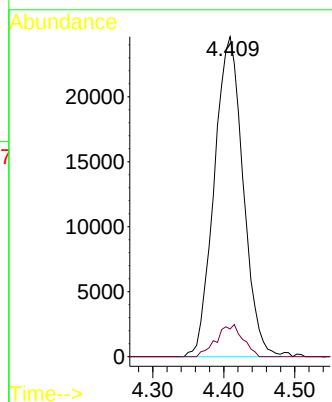


#17
Carbon Disulfide
Concen: 3.972 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

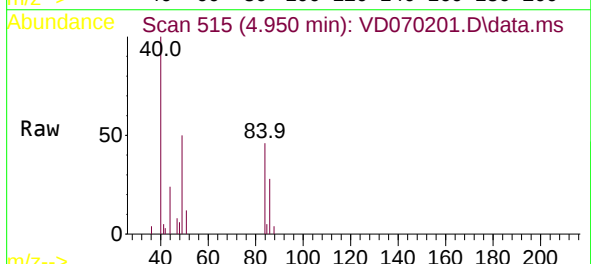
Instrument :
MSVOA_D
ClientSampled :



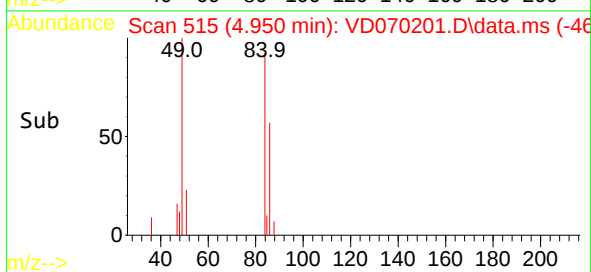
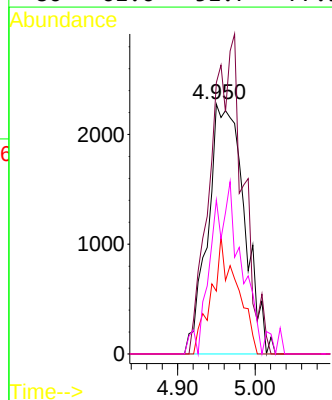
Tgt Ion: 76 Resp: 69550
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7

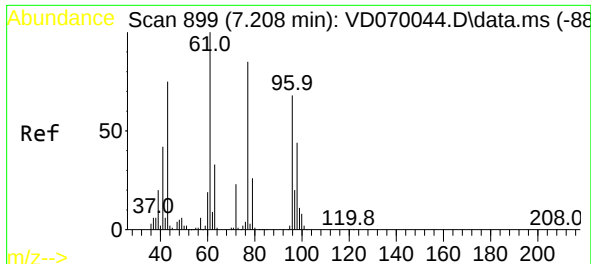


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23



Tgt Ion: 84 Resp: 7436
Ion Ratio Lower Upper
84 100
49 108.7 92.5 138.7
51 25.2 29.7 44.5#
86 61.6 51.7 77.5

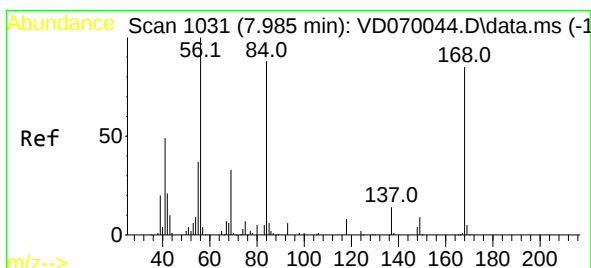
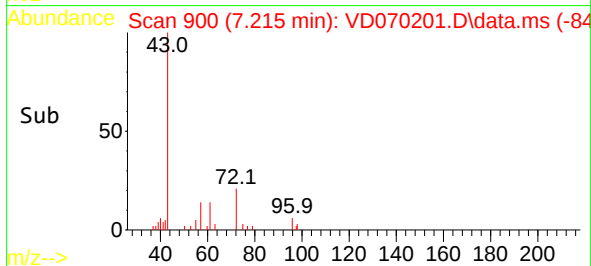
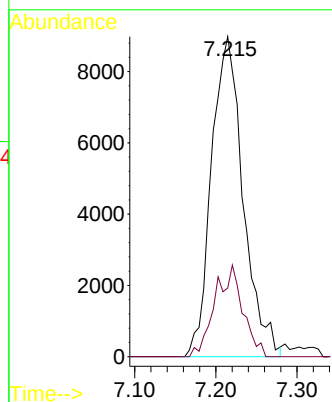
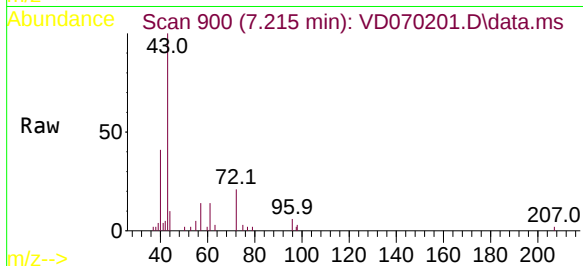




#25
2-Butanone
Concen: 20.216 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

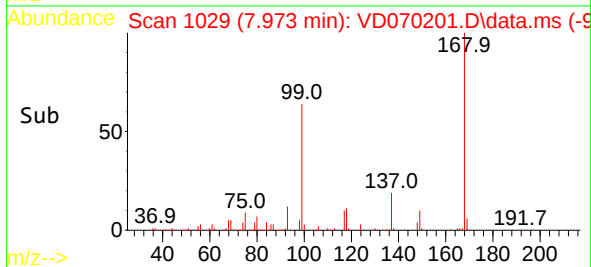
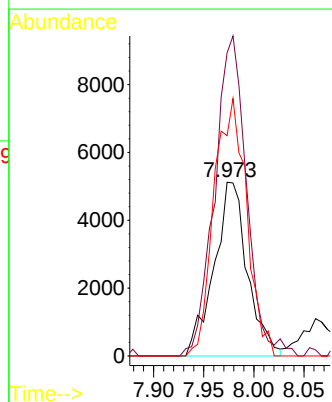
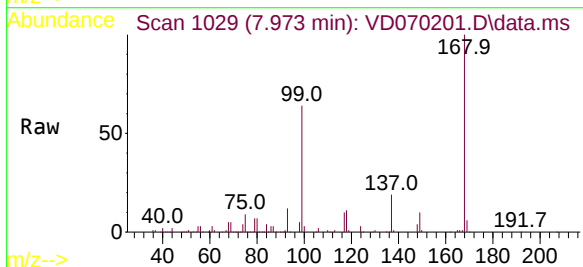
Instrument :
MSVOA_D
ClientSampled :

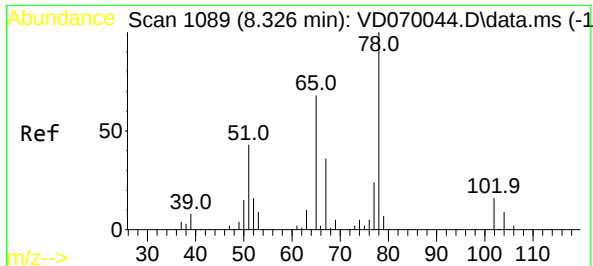
Tgt Ion: 43 Resp: 24398
Ion Ratio Lower Upper
43 100
72 21.4 24.2 36.4#



#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Tgt Ion: 56 Resp: 11863
Ion Ratio Lower Upper
56 100
69 174.5 26.7 40.1#
84 136.1 70.4 105.6#

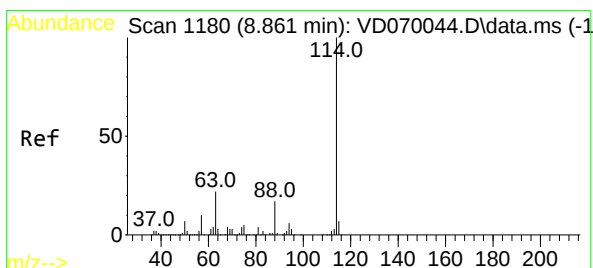
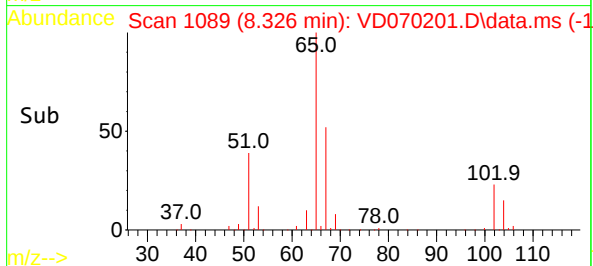
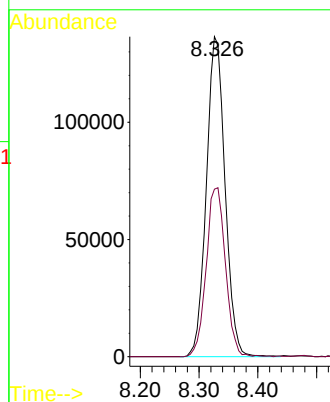
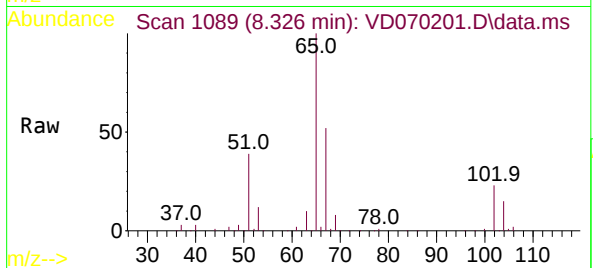




#33
1,2-Dichloroethane-d4
Concen: 62.949 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

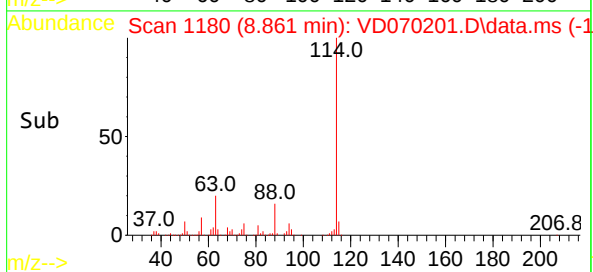
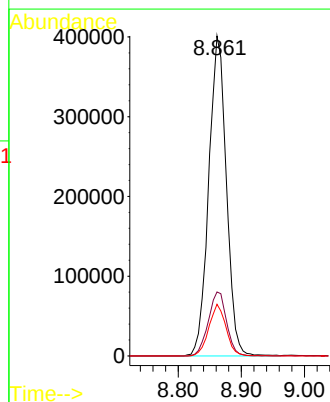
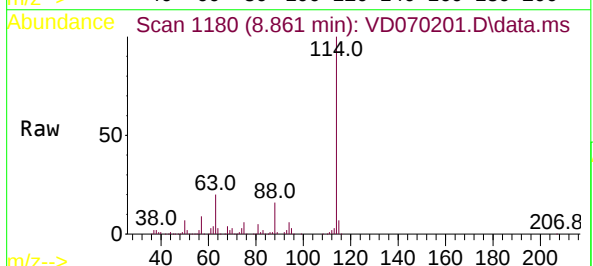
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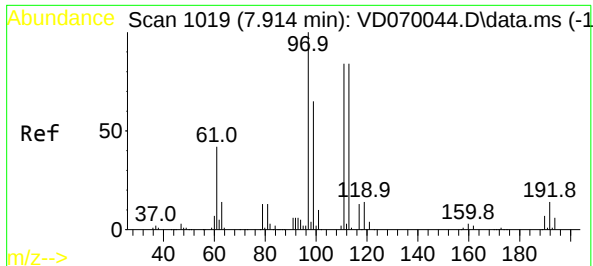
Tgt Ion: 65 Resp: 301813
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Tgt Ion: 114 Resp: 778213
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.6
88 16.1 0.0 33.4

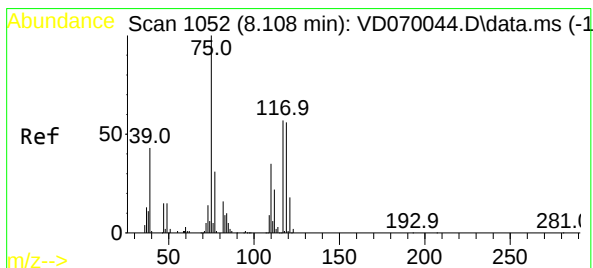
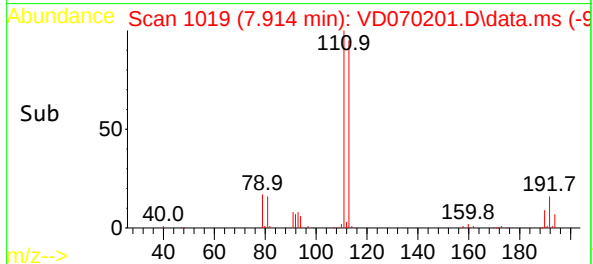
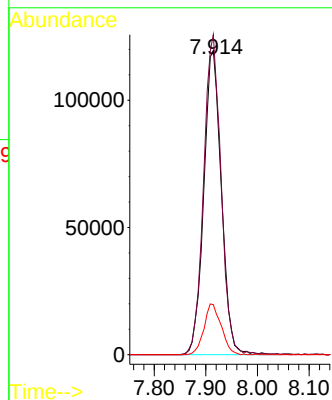
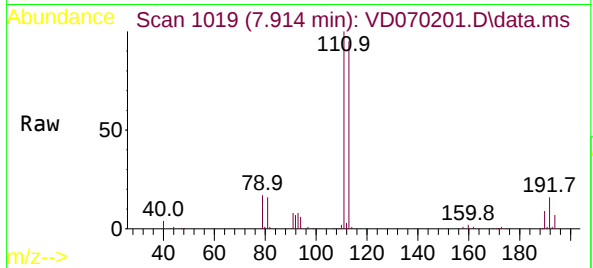




#35
Dibromofluoromethane
Concen: 56.358 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

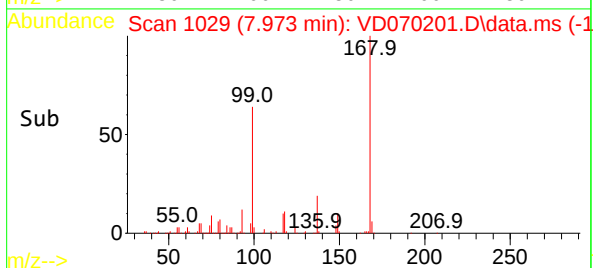
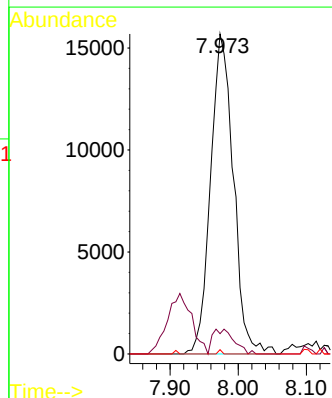
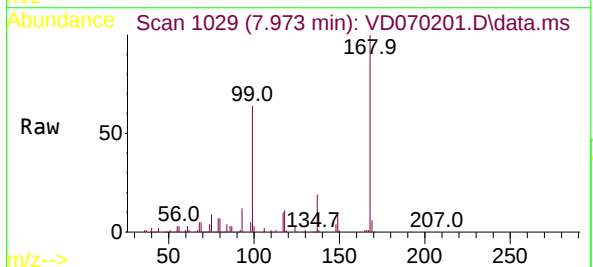
Instrument :
MSVOA_D
ClientSampled :

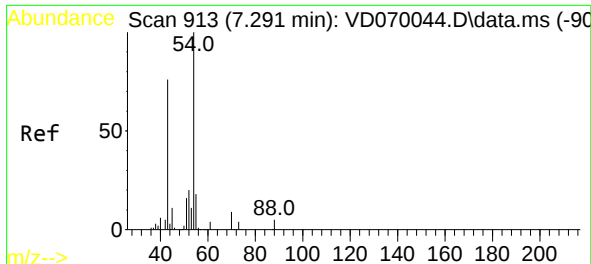
Tgt Ion:113 Resp: 283356
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.6
192 16.4 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.373 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Tgt Ion: 75 Resp: 36611
Ion Ratio Lower Upper
75 100
110 7.3 16.9 50.7#
77 0.2 25.2 37.8#





#37

Ethyl Acetate

Concen: 8.023 ug/l

RT: 7.215 min Scan# 900

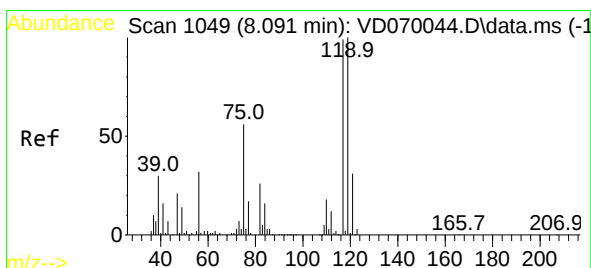
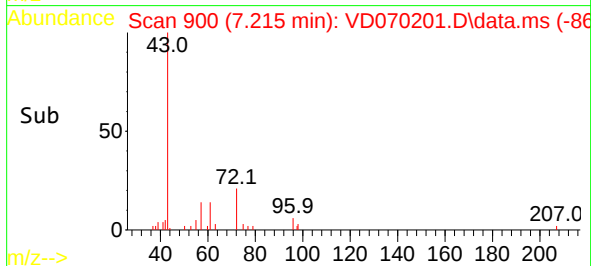
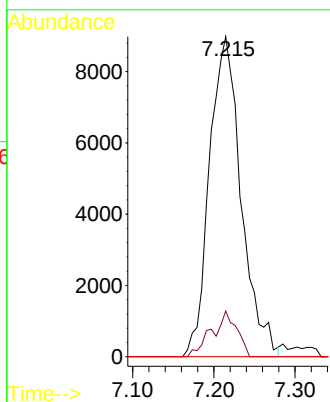
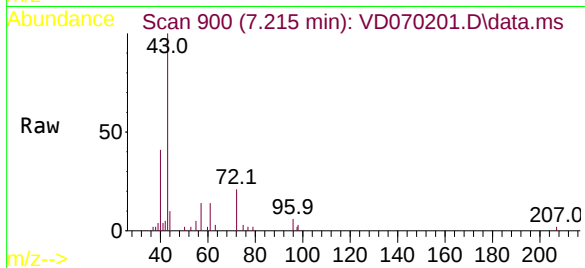
Delta R.T. -0.076 min

Lab File: VD070201.D

Acq: 20 Aug 2021 14:23

Tgt Ion:	43	Resp:	24398
Ion	Ratio	Lower	Upper
43	100		
61	11.3	11.8	17.6#
70	0.0	9.0	13.6#

Instrument :
MSVOA_D
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.658 ug/l

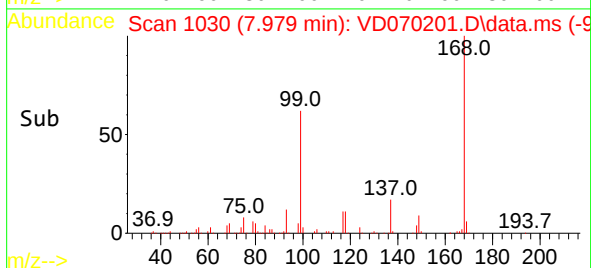
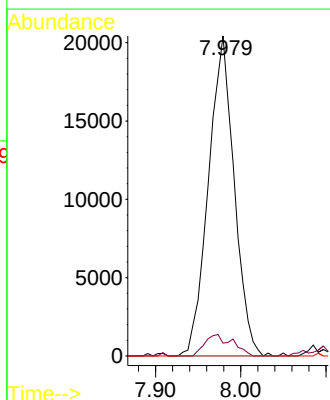
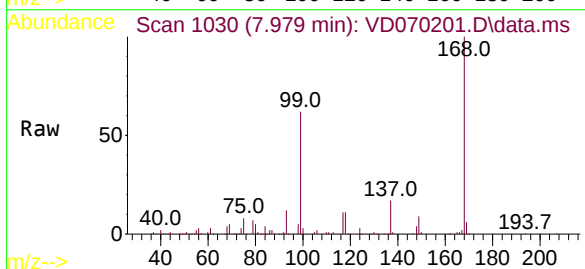
RT: 7.979 min Scan# 1030

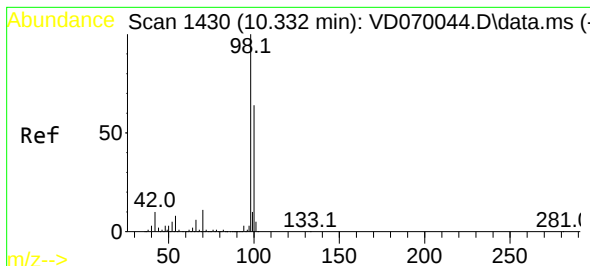
Delta R.T. -0.112 min

Lab File: VD070201.D

Acq: 20 Aug 2021 14:23

Tgt Ion:	117	Resp:	43001
Ion	Ratio	Lower	Upper
117	100		
119	4.0	81.0	121.6#
121	0.0	25.0	37.6#

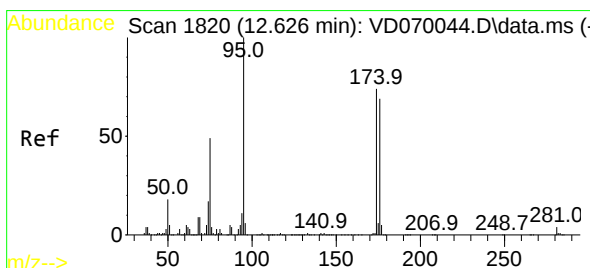
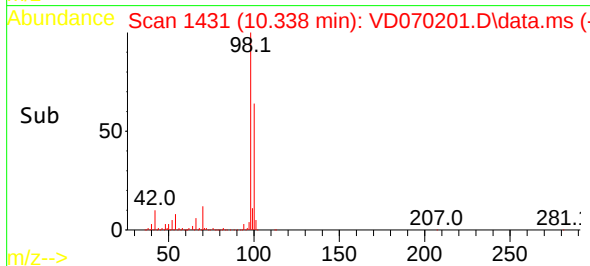
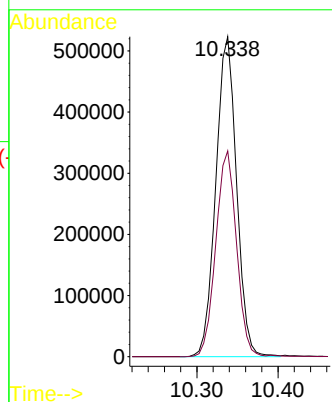
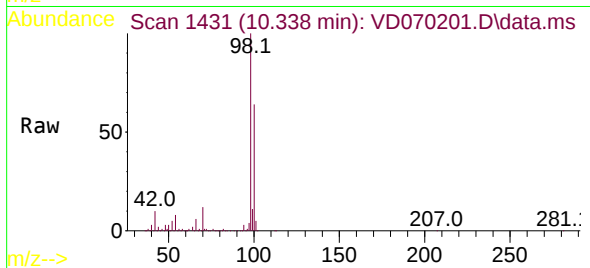




#50
Toluene-d8
Concen: 47.536 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

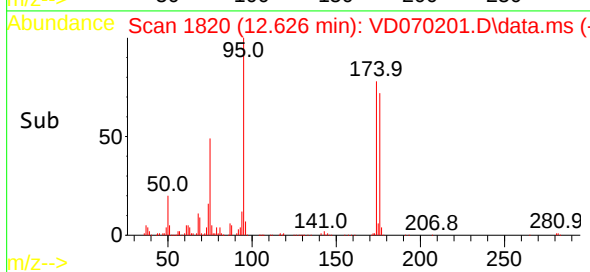
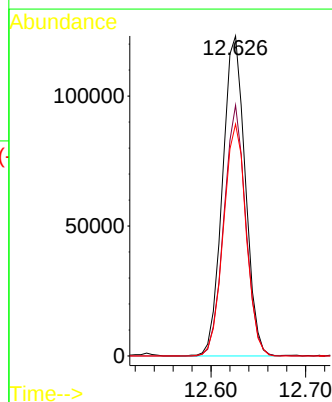
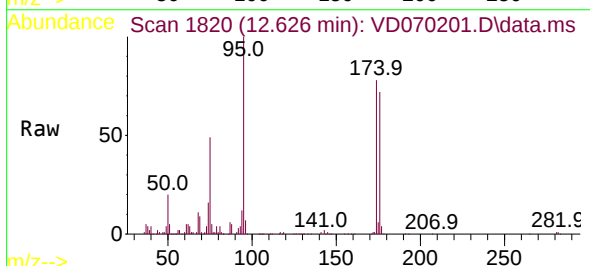
Instrument :
MSVOA_D
ClientSampleID :

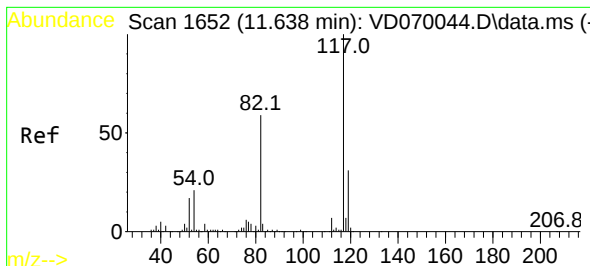
Tgt Ion: 98 Resp: 929572
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 31.810 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Tgt Ion: 95 Resp: 204888
Ion Ratio Lower Upper
95 100
174 75.1 0.0 141.6
176 72.2 0.0 138.2

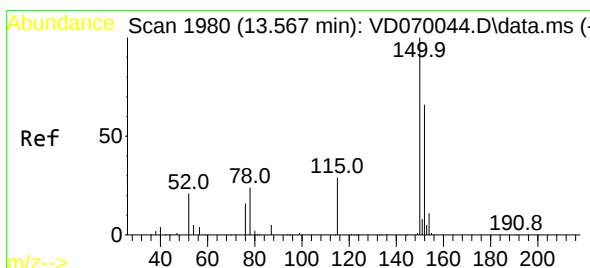
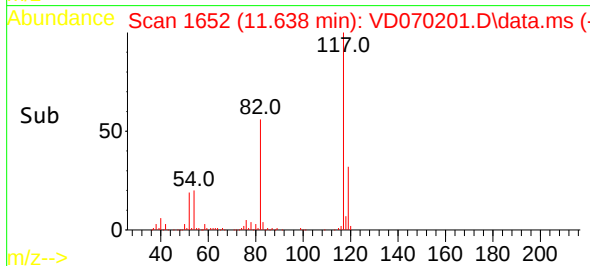
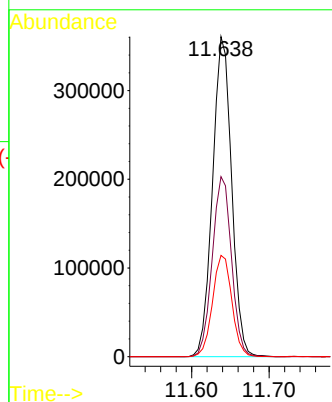
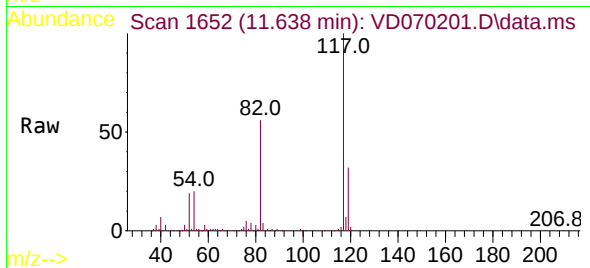




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

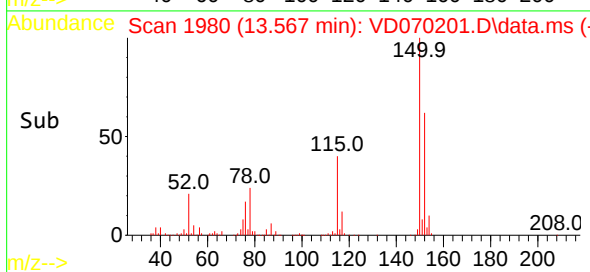
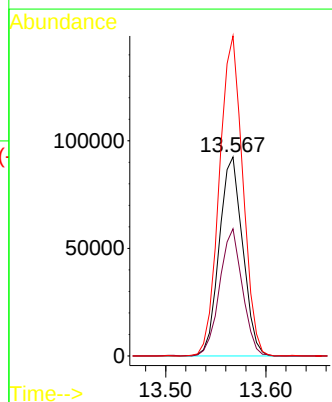
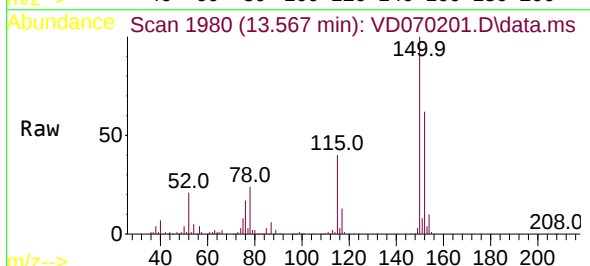
Instrument :
MSVOA_D
ClientSampleId :

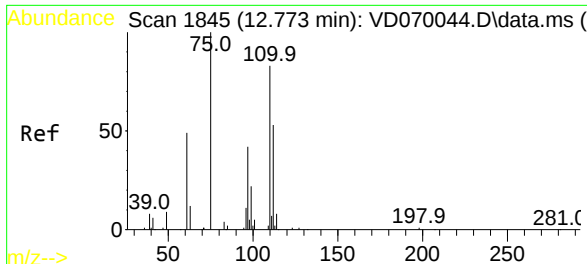
Tgt Ion:117 Resp: 616324
Ion Ratio Lower Upper
117 100
82 56.2 47.5 71.3
119 31.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Tgt Ion:152 Resp: 149776
Ion Ratio Lower Upper
152 100
115 62.1 31.2 93.6
150 161.0 0.0 352.0

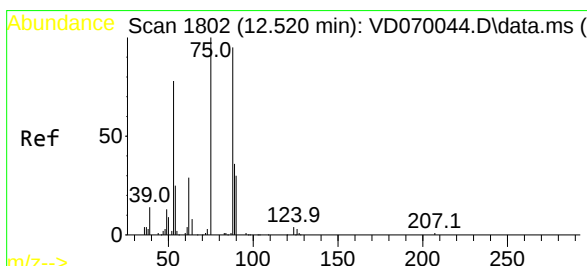
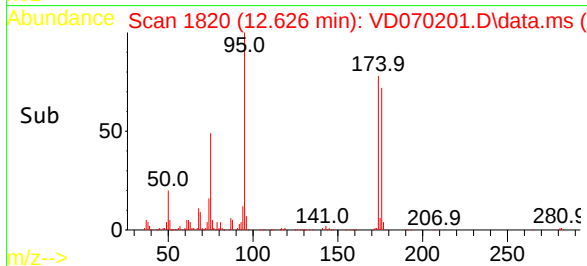
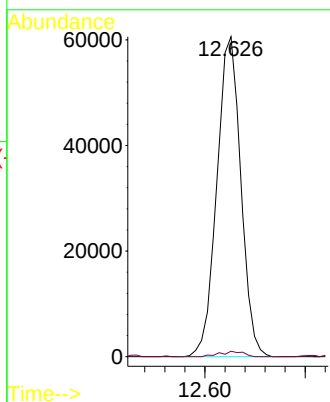
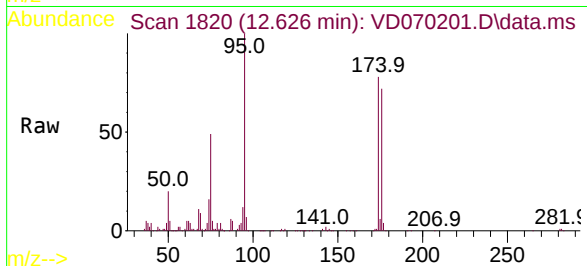




#76
1,2,3-Trichloropropane
Concen: 66.197 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 100549
Ion Ratio Lower Upper
75 100
77 1.7 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.823 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070201.D
Acq: 20 Aug 2021 14:23

Tgt Ion: 75 Resp: 100549
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.1 33.7 50.5#

