

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069718.D
 Acq On : 16 Jul 2021 11:44
 Operator : VA/SY
 Sample : VD0716SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 16 16:13:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	583391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1127101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1293168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	612692	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	345357	47.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.820%
35) Dibromofluoromethane	7.909	113	361064	47.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.500%
50) Toluene-d8	10.338	98	1505174	51.237	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.626	95	600629	61.305	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.620%

Target Compounds

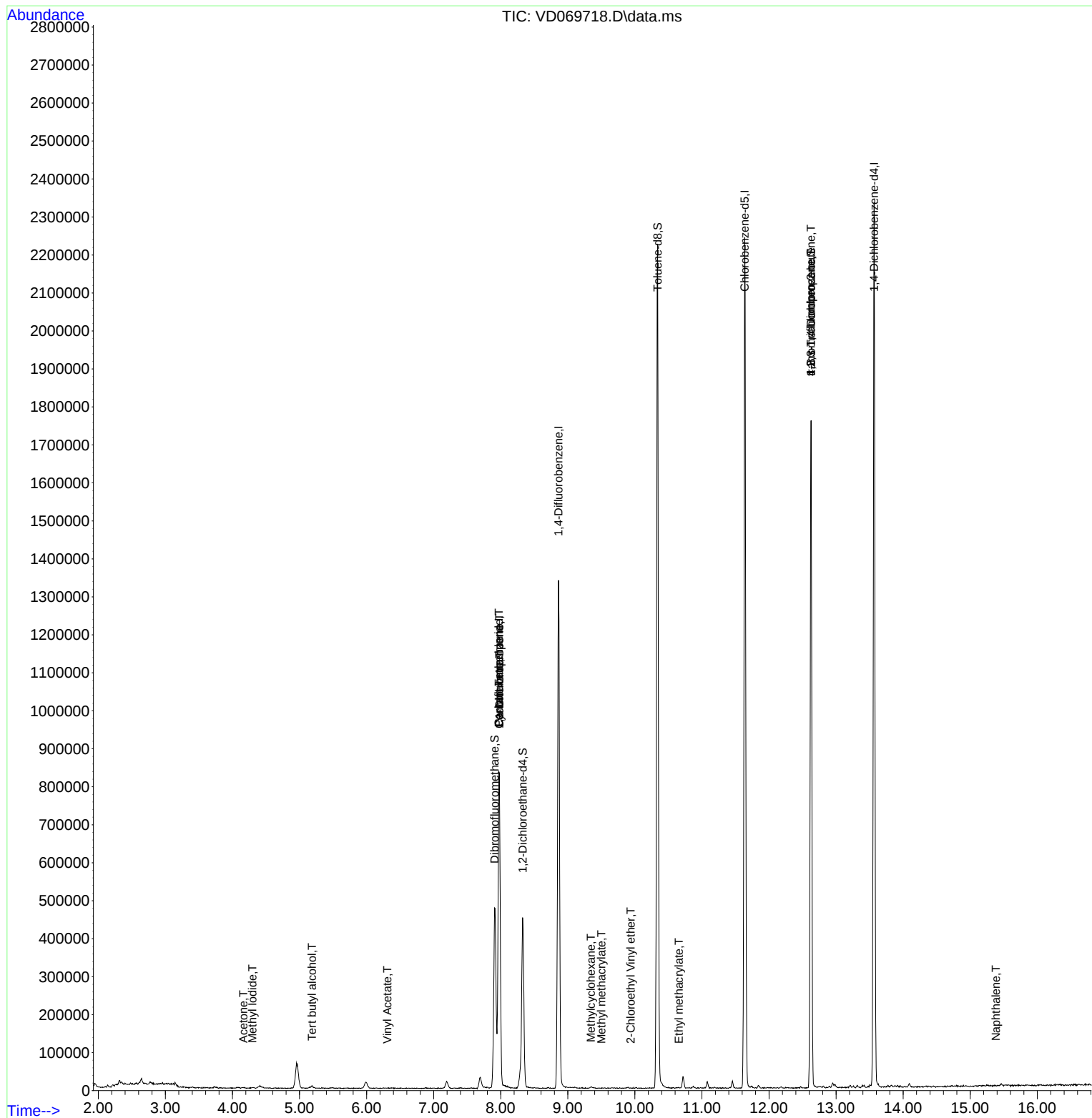
						Qvalue
5) Bromomethane	2.785	94	3719	Below Cal		85
10) Methyl Iodide	4.297	142	2059	2.739	ug/l #	77
11) Tert butyl alcohol	5.185	59	3625	3.725	ug/l #	79
16) Acetone	4.162	43	2927	14.865	ug/l #	71
18) Methyl Acetate	4.691	43	58	Below Cal	#	49
23) Vinyl Acetate	6.309	43	112	15.434	ug/l #	72
31) Cyclohexane	7.979	56	15959	1.682	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	53584	4.608	ug/l #	49
38) Carbon Tetrachloride	7.973	117	63281	5.943	ug/l #	17
39) Methylcyclohexane	9.344	83	1774	2.081	ug/l #	62
48) Methyl methacrylate	9.503	41	112	1.129	ug/l #	14
56) Ethyl methacrylate	10.655	69	83	1.675	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.938	63	84	9.384	ug/l #	49
76) 1,2,3-Trichloropropane	12.626	75	299370	50.296	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	299370	135.169	ug/l #	14
95) Naphthalene	15.385	128	1106	2.260	ug/l #	69

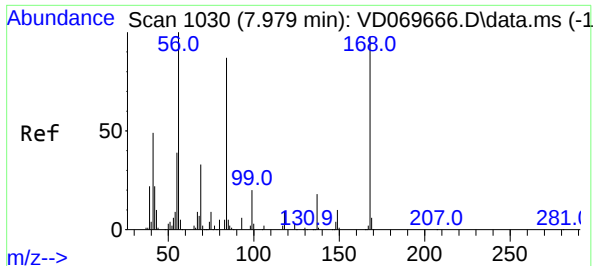
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
Data File : VD069718.D
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Operator : VA/SY
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MSVOA_D
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Quant Time: Jul 16 16:13:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 14 06:00:31 2021
Response via : Initial Calibration

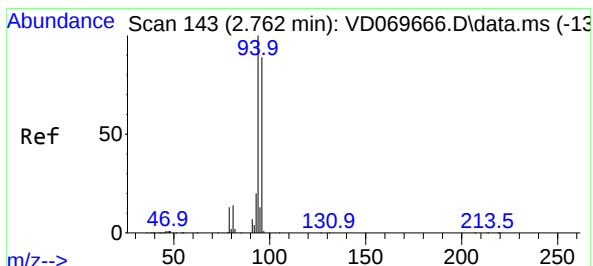
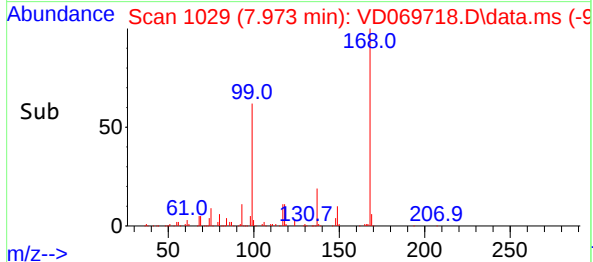
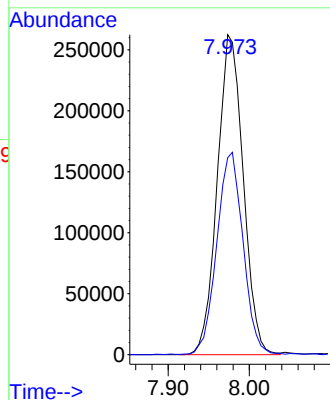
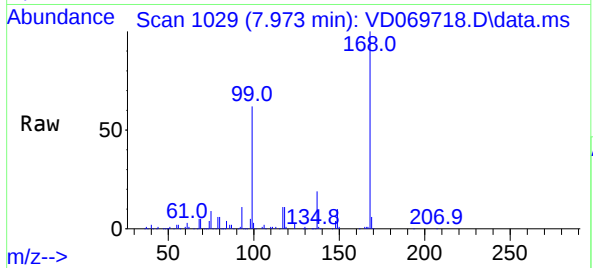




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

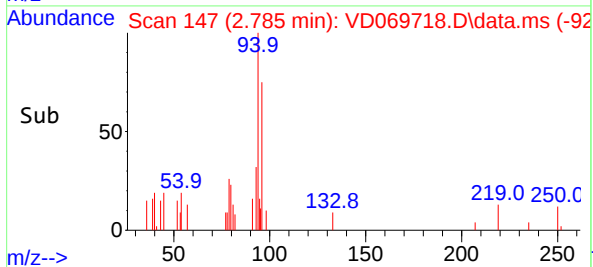
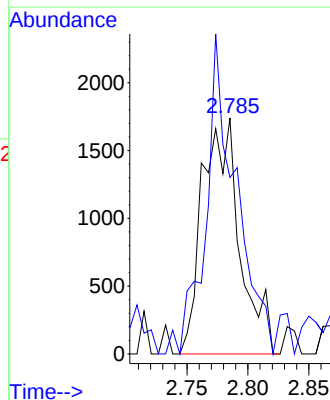
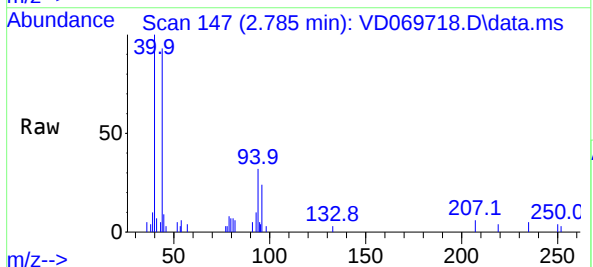
Instrument :
MSVOA_D
ClientSampled :

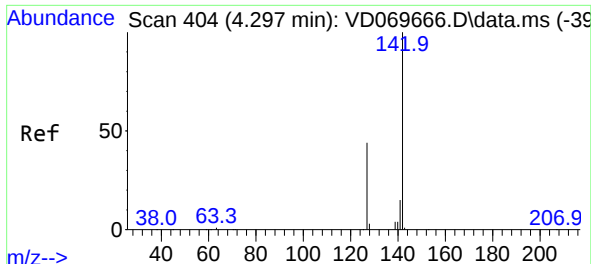
Tgt Ion:168 Resp: 583391
Ion Ratio Lower Upper
168 100
99 61.5 51.8 77.6



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

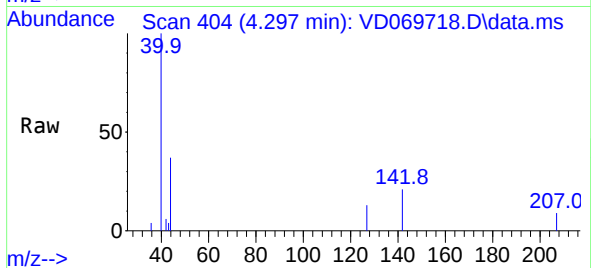
Tgt Ion: 94 Resp: 3719
Ion Ratio Lower Upper
94 100
96 74.7 71.2 106.8



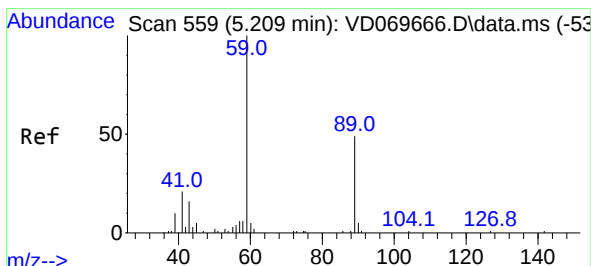
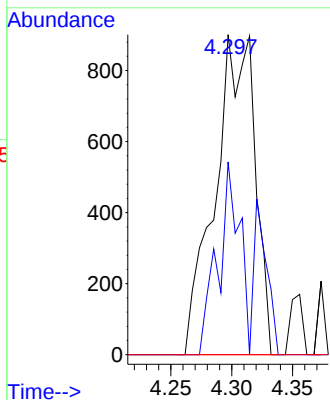
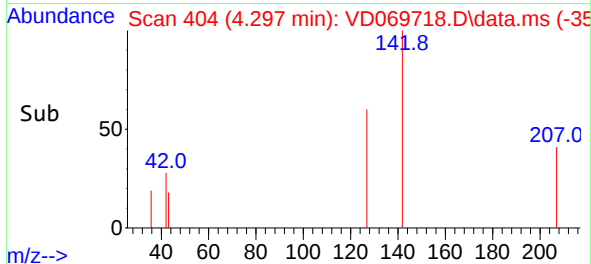


#10
Methyl Iodide
Concen: 2.739 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

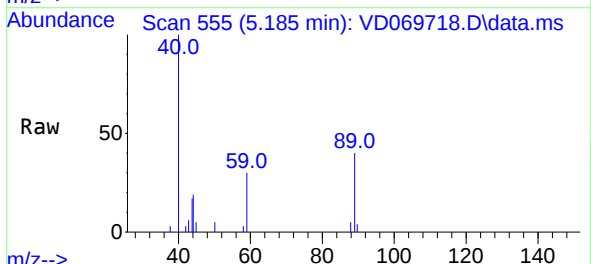
Instrument :
MSVOA_D
ClientSampled :



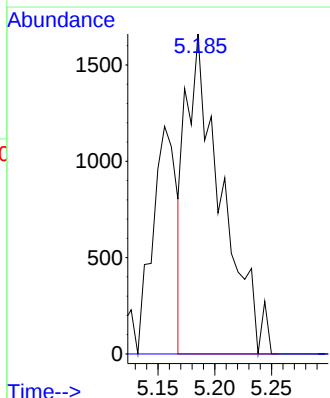
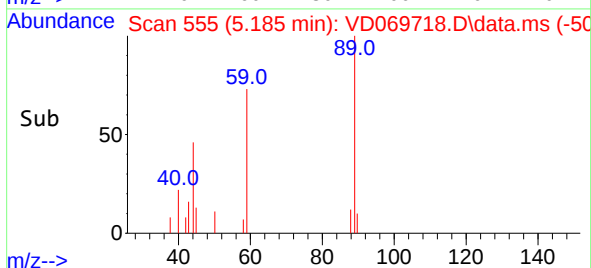
Tgt Ion:142 Resp: 2059
Ion Ratio Lower Upper
142 100
127 32.6 36.1 54.1#
141 0.0 11.6 17.4#

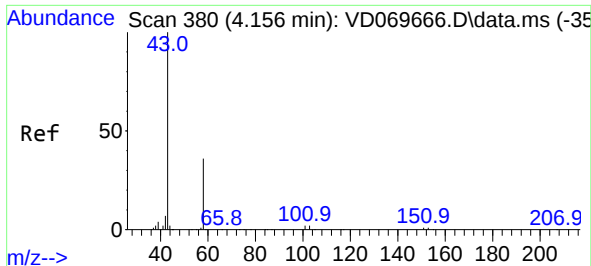


#11
Tert butyl alcohol
Concen: 3.725 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44



Tgt Ion: 59 Resp: 3625
Ion Ratio Lower Upper
59 100
57 0.0 5.7 8.5#

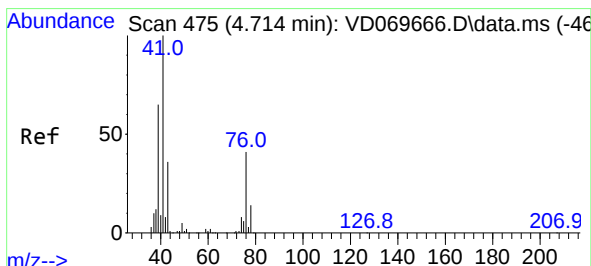
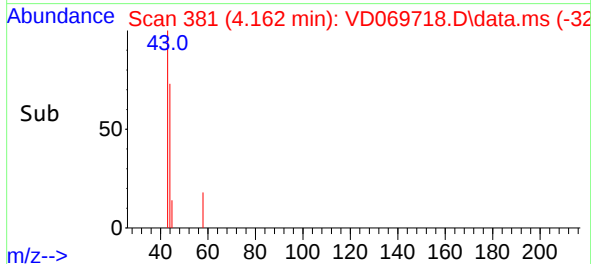
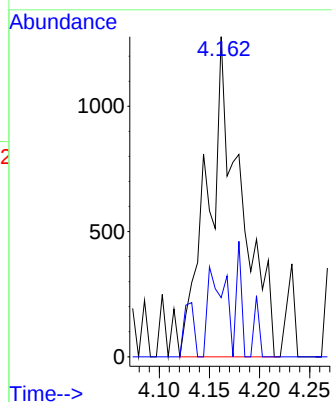
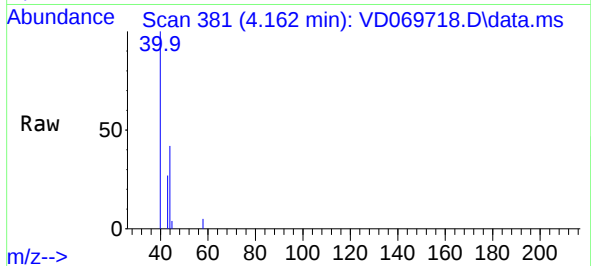




#16
Acetone
Concen: 14.865 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

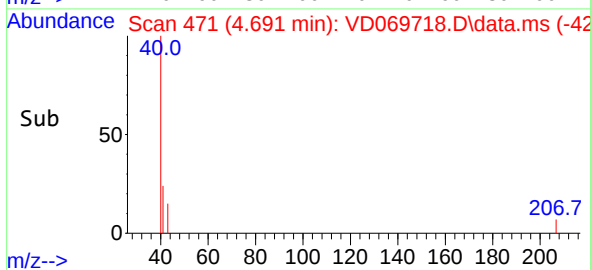
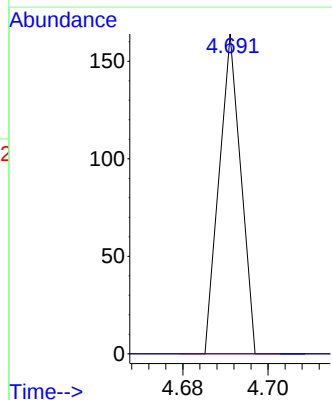
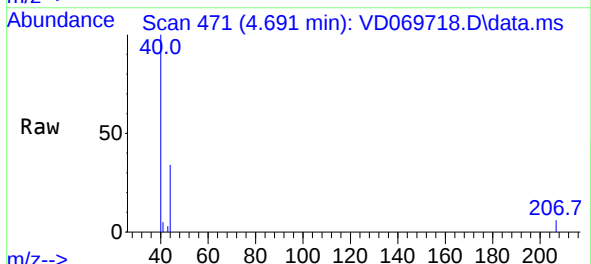
Instrument :
MSVOA_D
ClientSampled :

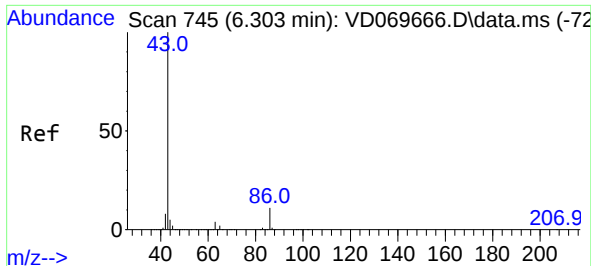
Tgt Ion: 43 Resp: 2927
Ion Ratio Lower Upper
43 100
58 18.5 28.6 42.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.691 min Scan# 471
Delta R.T. -0.023 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#

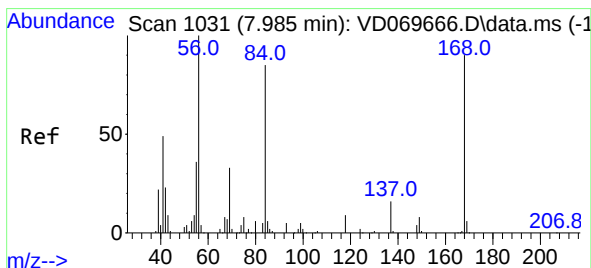
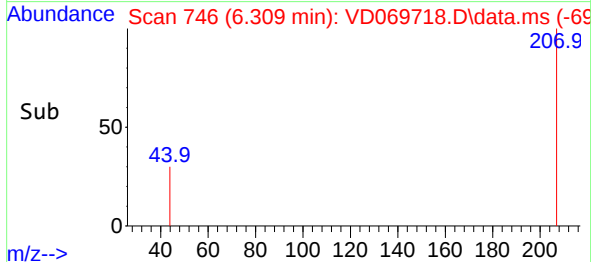
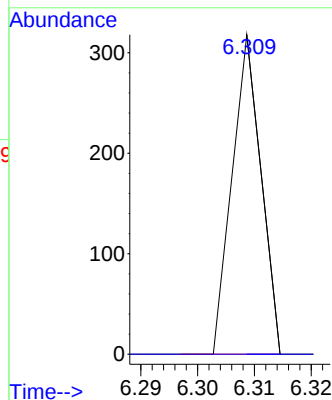
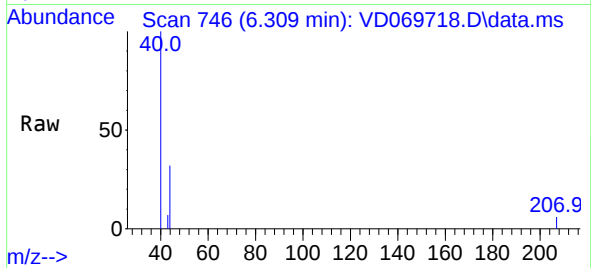




#23
 Vinyl Acetate
 Concen: 15.434 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.006 min
 Lab File: VD069718.D
 Acq: 16 Jul 2021 11:44

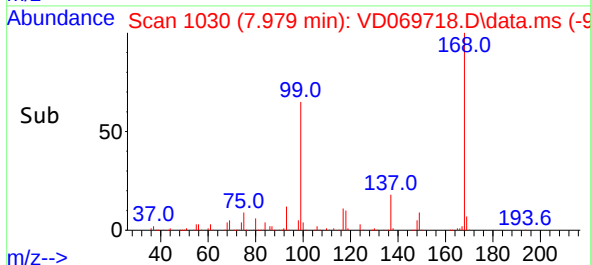
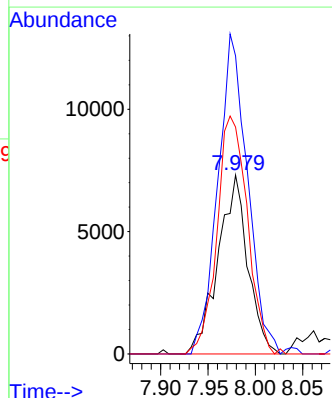
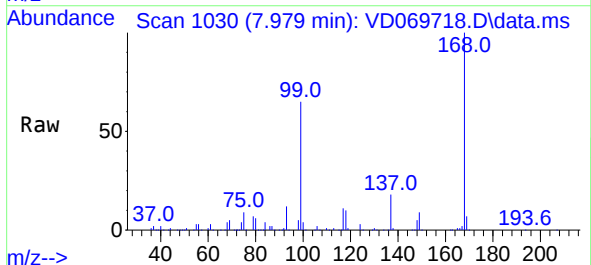
Instrument :
 MSVOA_D
 ClientSampled :

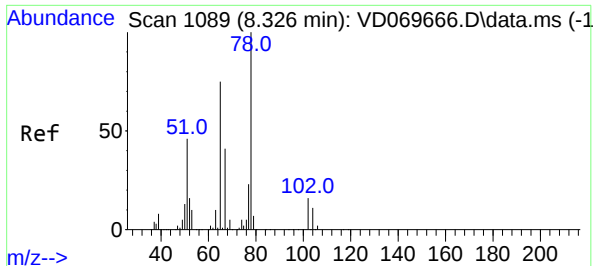
Tgt Ion: 43 Resp: 112
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 12.8#



#31
 Cyclohexane
 Concen: 1.682 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.006 min
 Lab File: VD069718.D
 Acq: 16 Jul 2021 11:44

Tgt Ion: 56 Resp: 15959
 Ion Ratio Lower Upper
 56 100
 69 166.7 26.6 39.8#
 84 126.9 68.2 102.2#

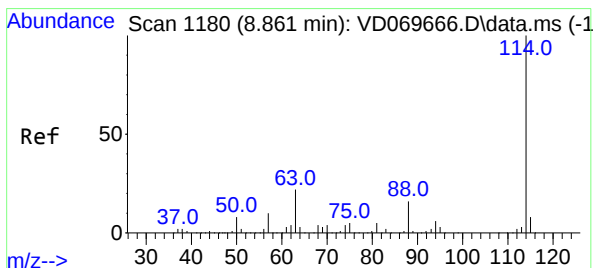
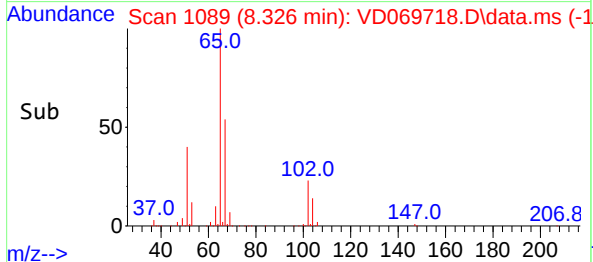
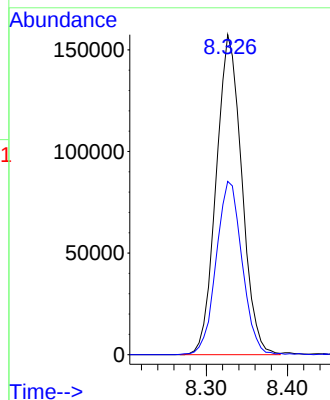
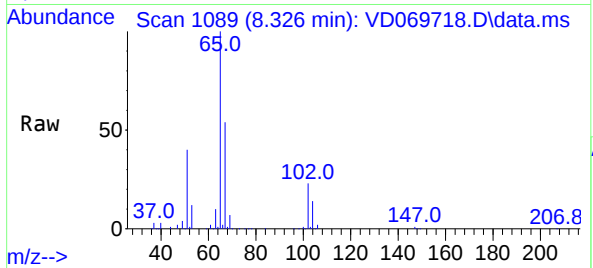




#33
1,2-Dichloroethane-d4
Concen: 47.411 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

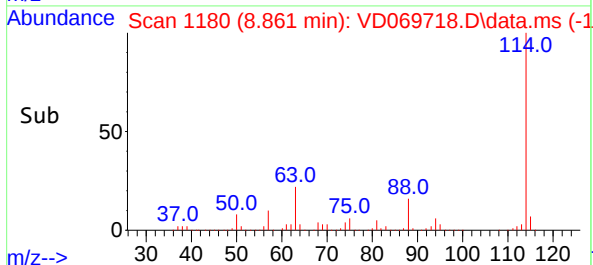
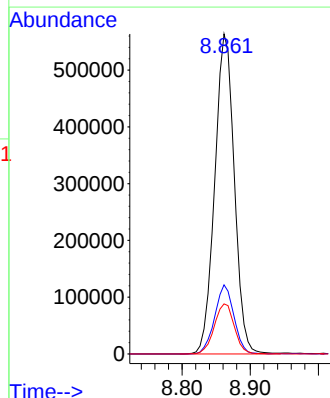
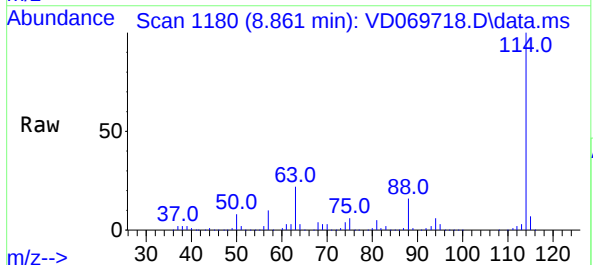
Instrument :
MSVOA_D
ClientSampleId :

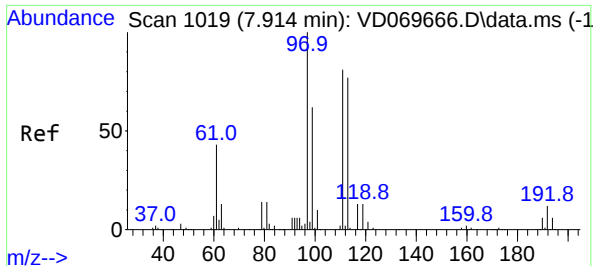
Tgt Ion: 65 Resp: 345357
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Tgt Ion:114 Resp: 1127101
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 15.7 0.0 32.0

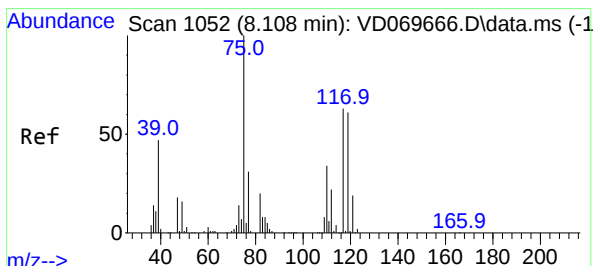
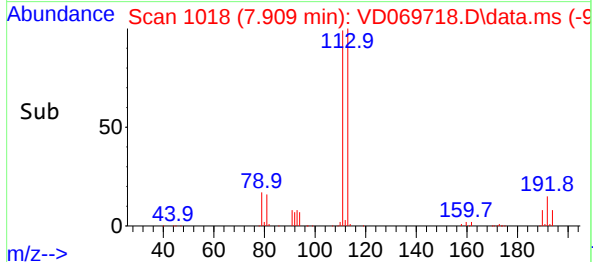
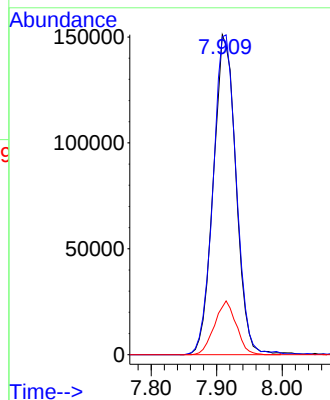
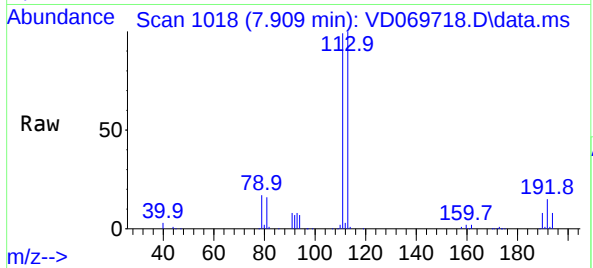




#35
Dibromofluoromethane
Concen: 47.750 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

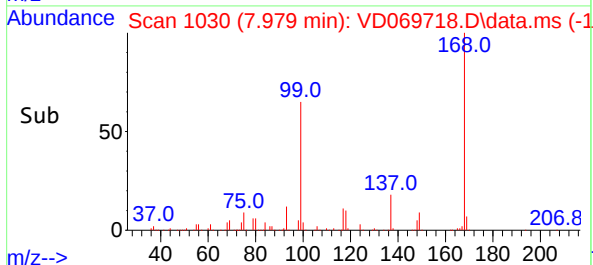
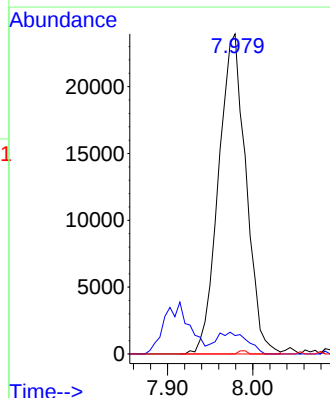
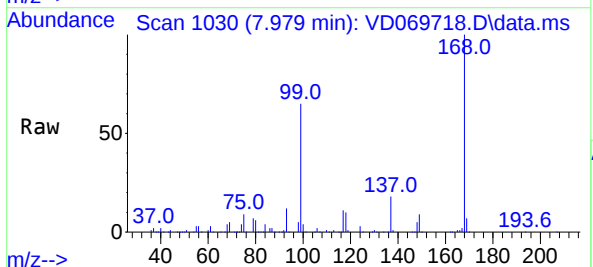
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ClientSampleId :

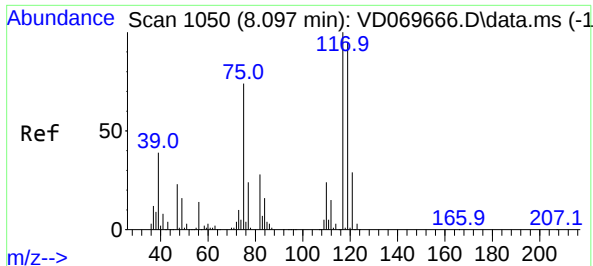
Tgt Ion:113 Resp: 361064
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

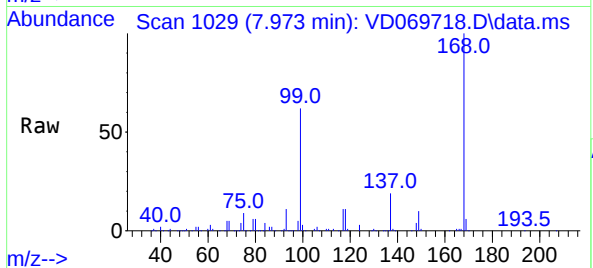
Tgt Ion: 75 Resp: 53584
Ion Ratio Lower Upper
75 100
110 7.3 16.7 50.0#
77 0.3 25.3 37.9#



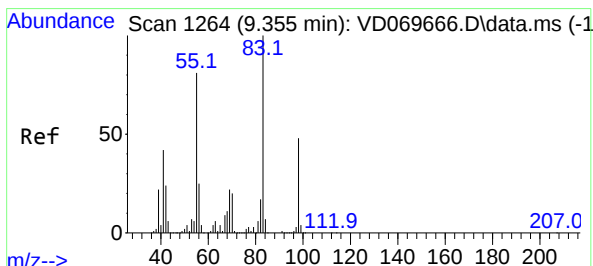
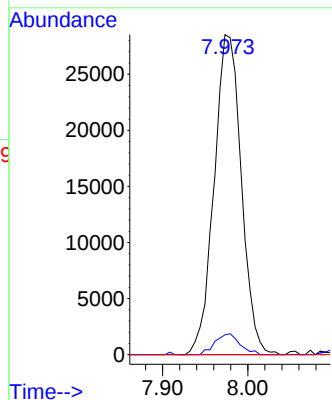
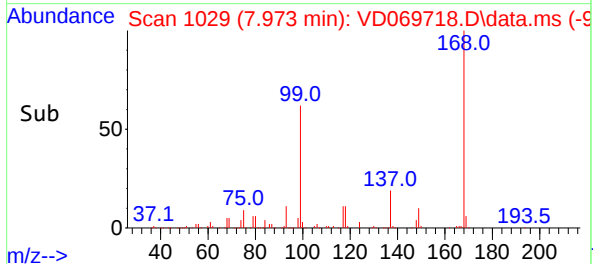


#38
Carbon Tetrachloride
Concen: 5.943 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

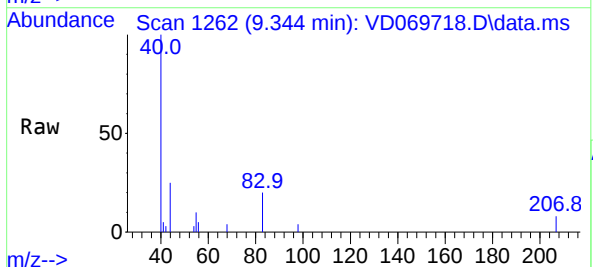
Instrument :
MSVOA_D
ClientSampled :



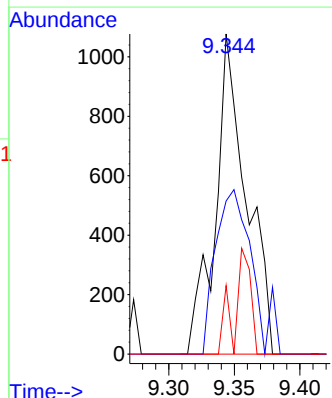
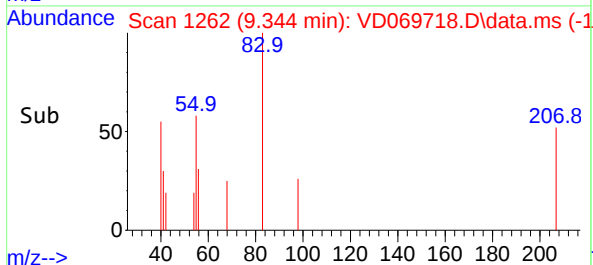
Tgt Ion:117 Resp: 63281
Ion Ratio Lower Upper
117 100
119 6.2 75.7 113.5#
121 0.0 23.0 34.6#

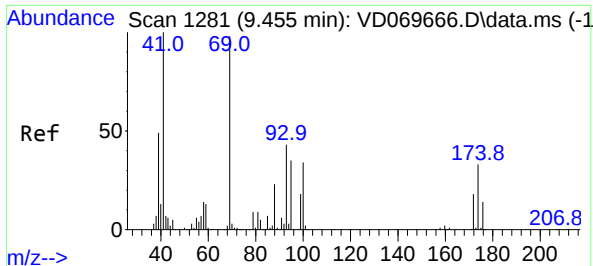


#39
Methylcyclohexane
Concen: 2.081 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.011 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44



Tgt Ion: 83 Resp: 1774
Ion Ratio Lower Upper
83 100
55 47.8 64.6 97.0#
98 21.4 38.4 57.6#





#48

Methyl methacrylate

Concen: 1.129 ug/l

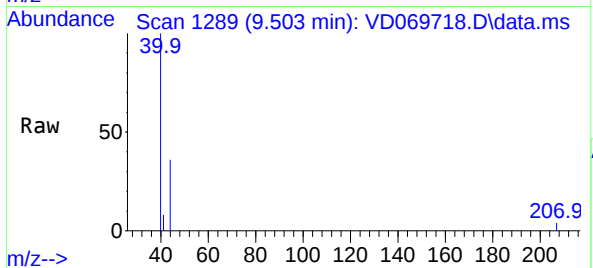
RT: 9.503 min Scan# 1289

Delta R.T. 0.048 min

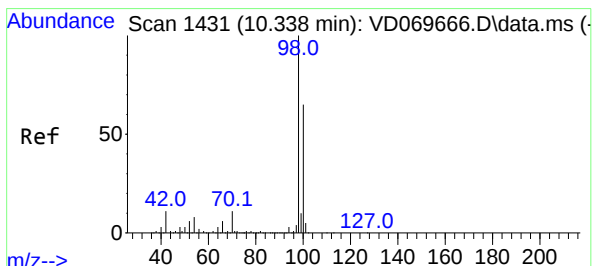
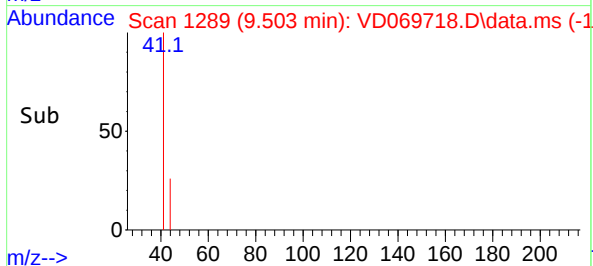
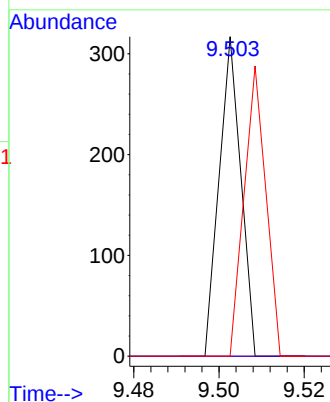
Lab File: VD069718.D

Acq: 16 Jul 2021 11:44

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion:	41	Resp:	112
Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.6	107.4#
39	91.1	36.7	55.1#



#50

Toluene-d8

Concen: 51.237 ug/l

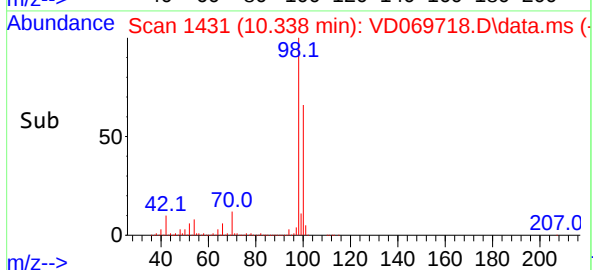
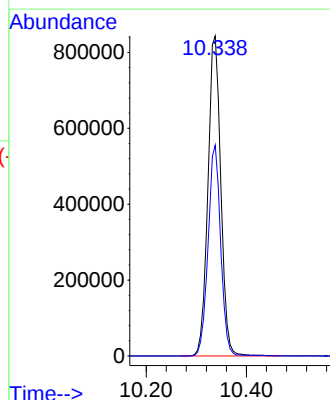
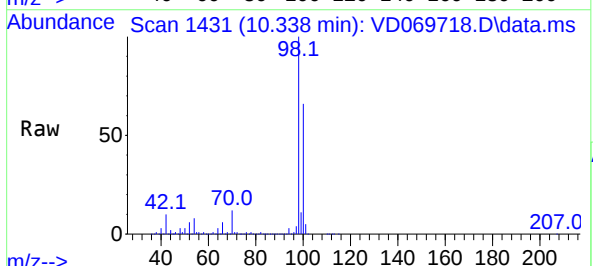
RT: 10.338 min Scan# 1431

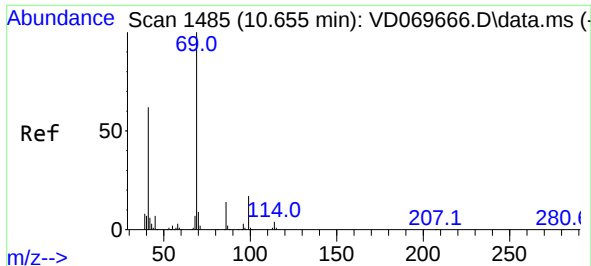
Delta R.T. -0.000 min

Lab File: VD069718.D

Acq: 16 Jul 2021 11:44

Tgt Ion:	98	Resp:	1505174
Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.2

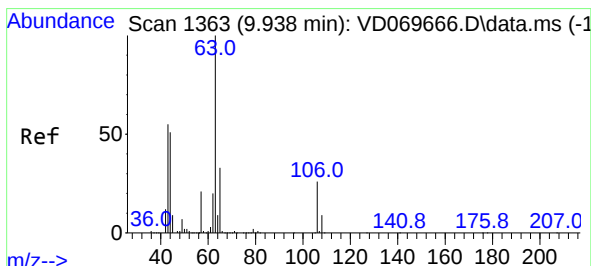
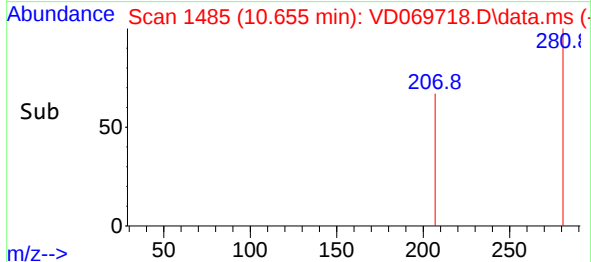
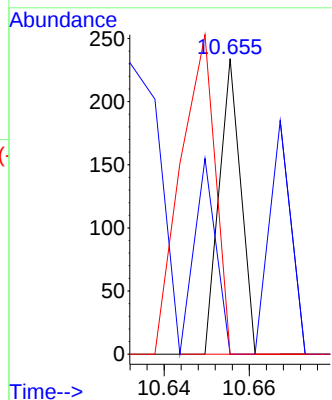
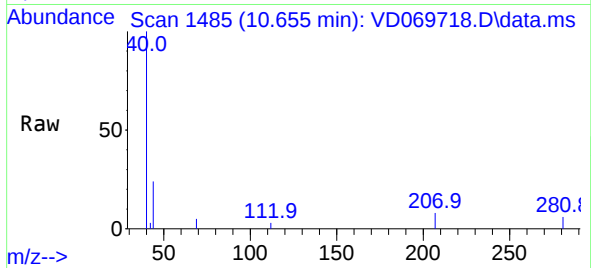




#56
Ethyl methacrylate
Concen: 1.675 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

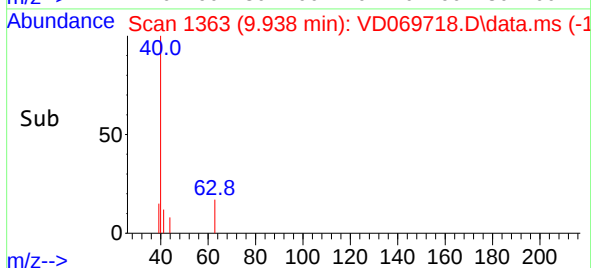
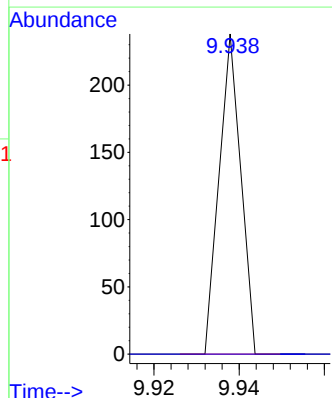
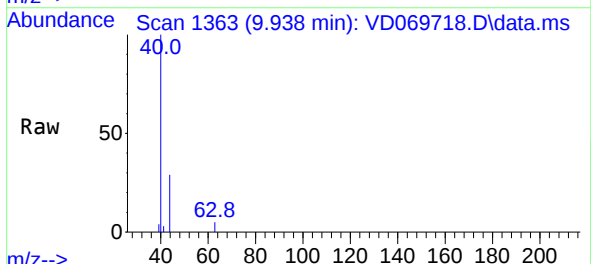
Instrument :
MSVOA_D
ClientSampled :

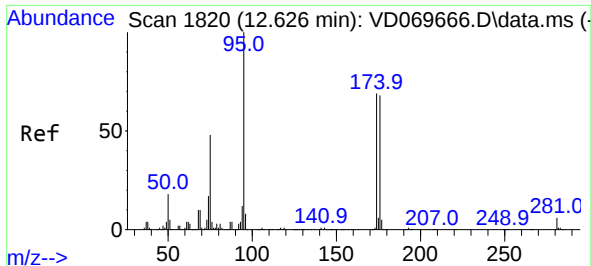
Tgt Ion:	69	Resp:	83
Ion	Ratio	Lower	Upper
69	100		
41	78.3	49.5	74.3#
39	172.3	22.5	33.7#



#58
2-Chloroethyl Vinyl ether
Concen: 9.384 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Tgt Ion:	63	Resp:	84
Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.1	31.7#

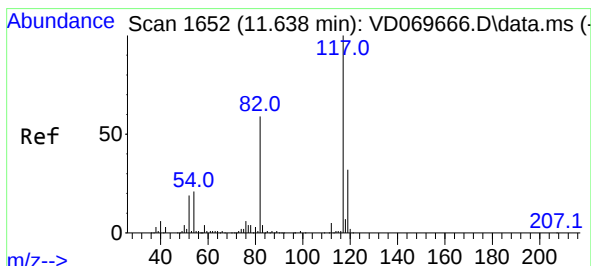
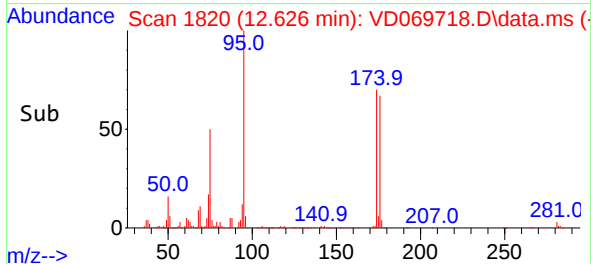
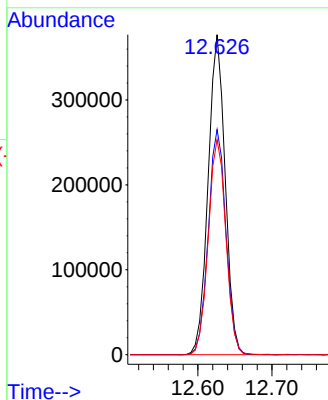
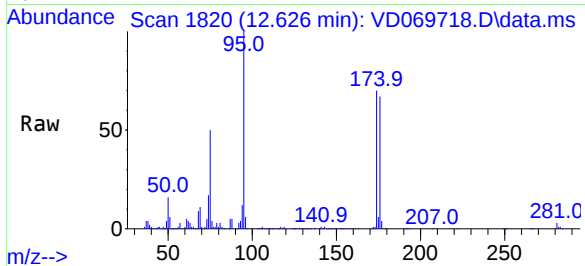




#62
4-Bromofluorobenzene
Concen: 61.305 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

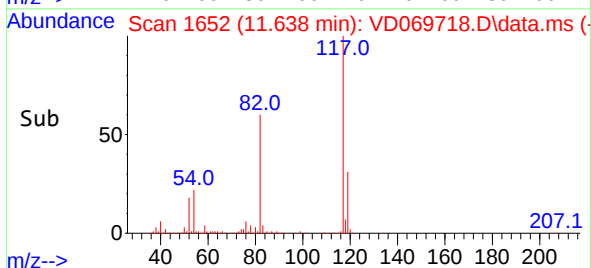
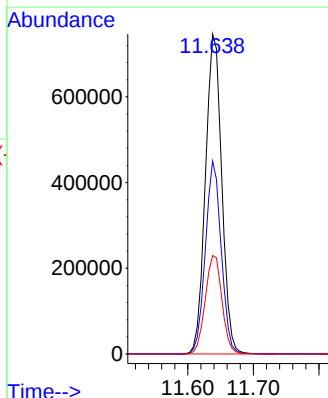
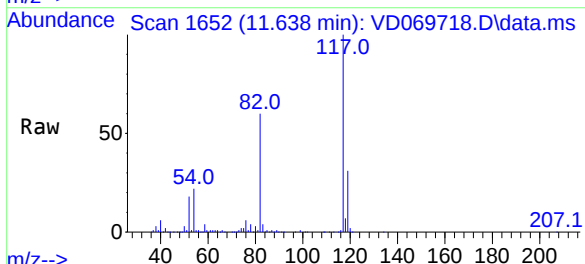
Instrument :
MSVOA_D
ClientSampleId :

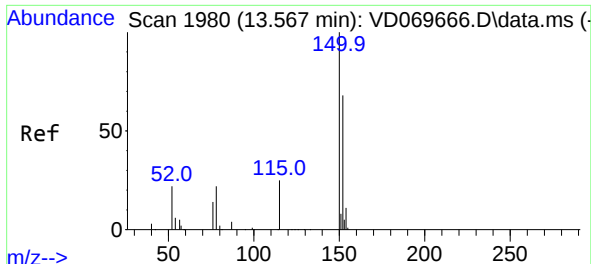
Tgt Ion: 95 Resp: 600629
Ion Ratio Lower Upper
95 100
174 72.7 0.0 140.0
176 69.2 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Tgt Ion: 117 Resp: 1293168
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 30.8 25.5 38.3

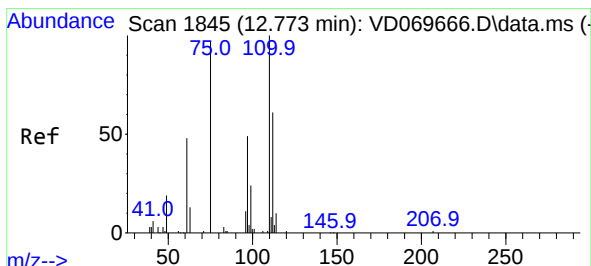
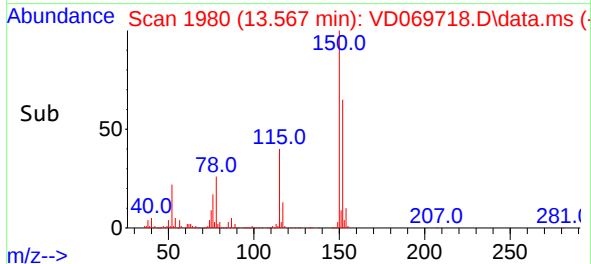
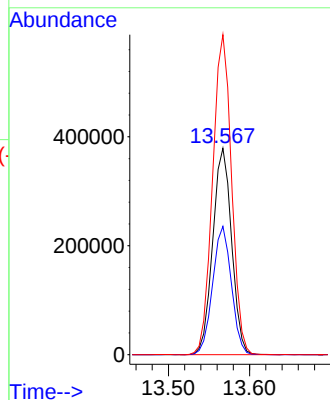
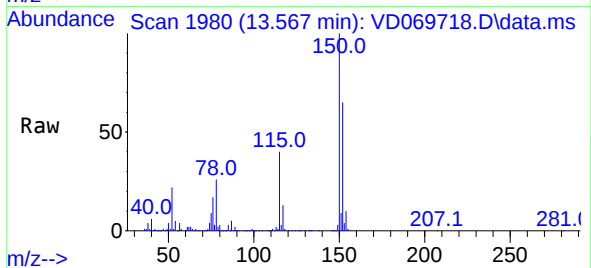




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

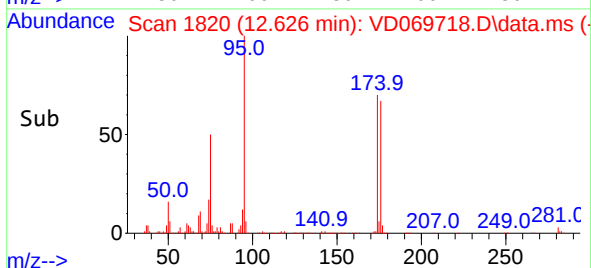
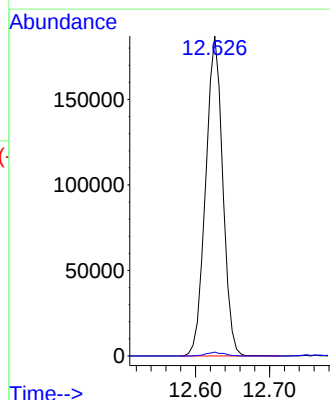
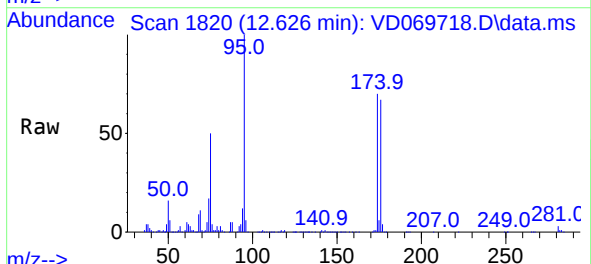
Instrument :
MSVOA_D
ClientSampled :

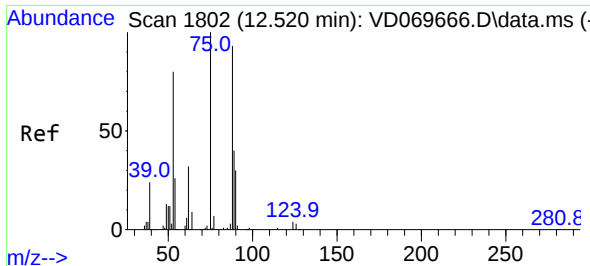
Tgt Ion:152 Resp: 612692
Ion Ratio Lower Upper
152 100
115 61.7 31.7 95.1
150 155.3 0.0 350.4



#76
1,2,3-Trichloropropane
Concen: 50.296 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

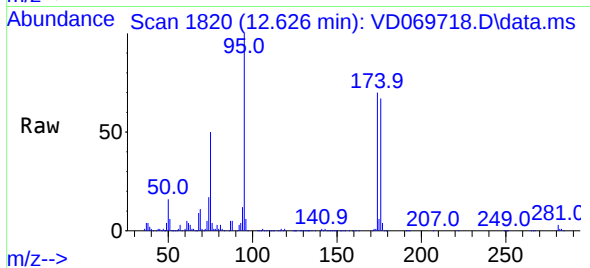
Tgt Ion: 75 Resp: 299370
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



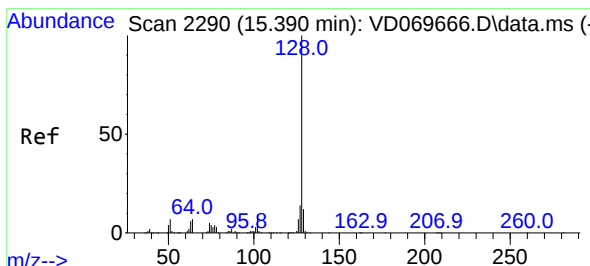
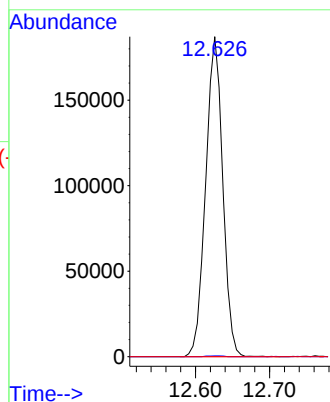
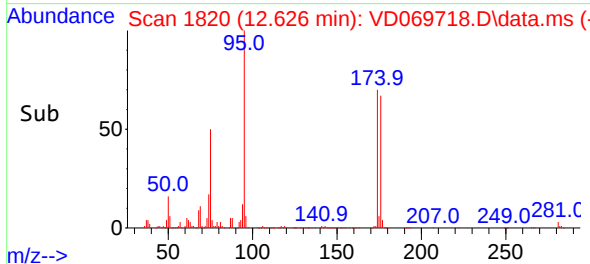


#81
trans-1,4-Dichloro-2-butene
Concen: 135.169 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

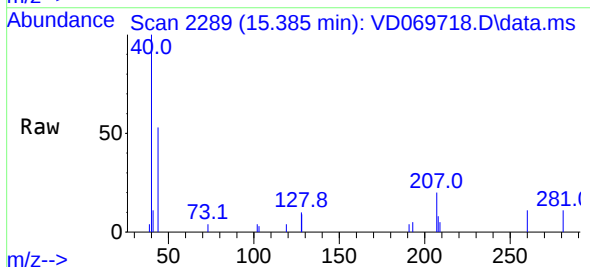
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 299370
Ion Ratio Lower Upper
75 100
53 0.2 70.6 106.0#
89 0.0 35.1 52.7#



#95
Naphthalene
Concen: 2.260 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.005 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44



Tgt Ion: 128 Resp: 1106
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

