

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
 Data File : VD069766.D
 Acq On : 20 Jul 2021 13:27
 Operator : VA/SY
 Sample : M3040-02
 Misc : 6.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 21 03:24:44 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	7.979	168	462300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	910938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	973516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	346706	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	305983	53.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.914	113	309417	50.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.260%	
50) Toluene-d8	10.338	98	1185622	49.937	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.626	95	419370	52.962	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.920%	

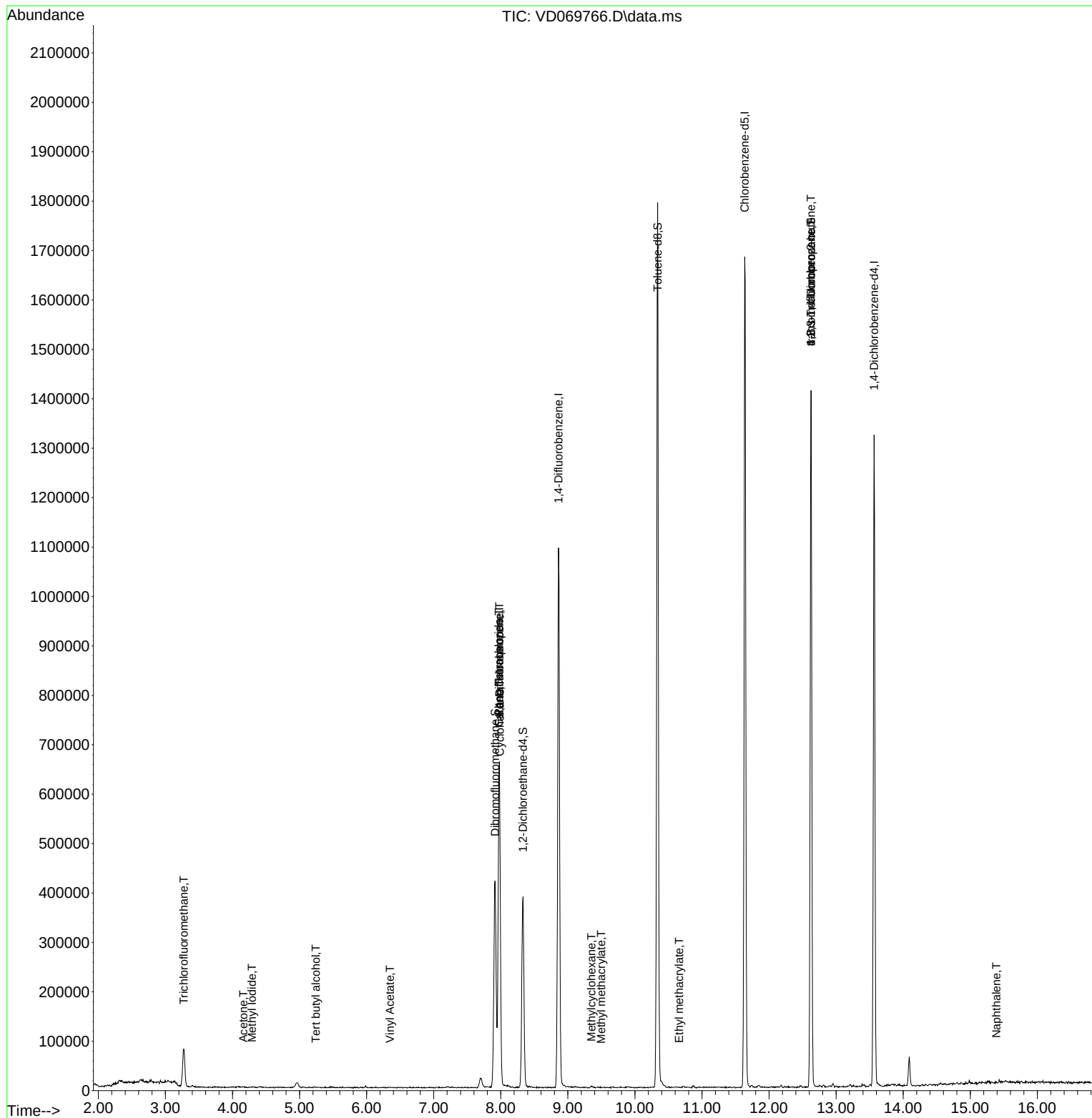
Target Compounds			Qvalue			
5) Bromomethane	2.779	94	2657	Below Cal	#	69
7) Trichlorofluoromethane	3.273	101	82692	9.324	ug/l	99
10) Methyl Iodide	4.291	142	651	2.576	ug/l #	39
11) Tert butyl alcohol	5.244	59	2171	2.815	ug/l #	79
16) Acetone	4.162	43	1905	14.558	ug/l #	34
18) Methyl Acetate	4.709	43	252	Below Cal	#	49
20) Methylene Chloride	4.973	84	3639	Below Cal	#	86
23) Vinyl Acetate	6.350	43	192	15.445	ug/l #	72
31) Cyclohexane	7.985	56	11900	1.606	ug/l #	20
36) 1,1-Dichloropropene	7.979	75	42506	4.523	ug/l #	49
38) Carbon Tetrachloride	7.973	117	47565	5.527	ug/l #	17
39) Methylcyclohexane	9.349	83	1188	2.060	ug/l #	74
48) Methyl methacrylate	9.497	41	87	1.128	ug/l #	13
56) Ethyl methacrylate	10.661	69	77	1.677	ug/l #	28
76) 1,2,3-Trichloropropane	12.626	75	208673	61.955	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	208673	166.501	ug/l #	15
95) Naphthalene	15.390	128	770	2.272	ug/l #	69

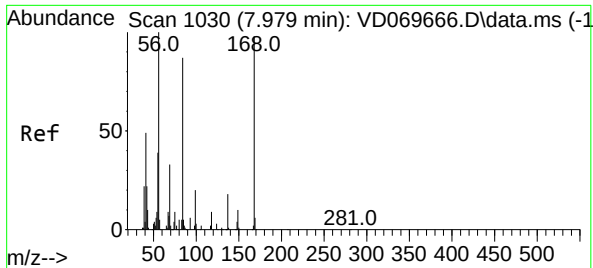
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072021\
Data File : VD069766.D
Acq On : 20 Jul 2021 13:27
Operator : VA/SY
Sample : M3040-02
Misc : 6.59G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 21 03:24:44 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

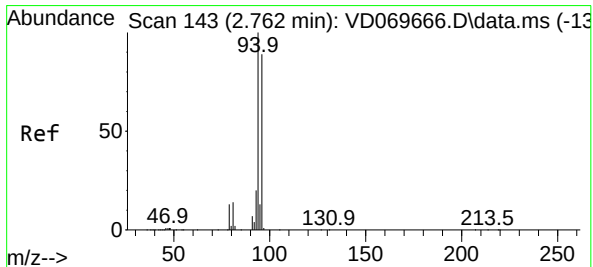
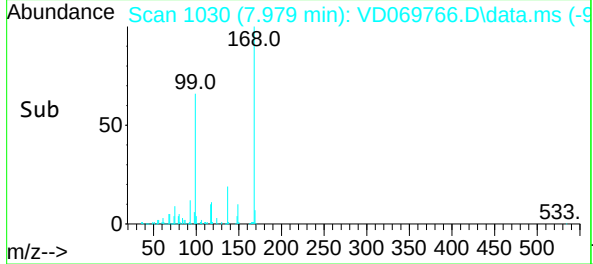
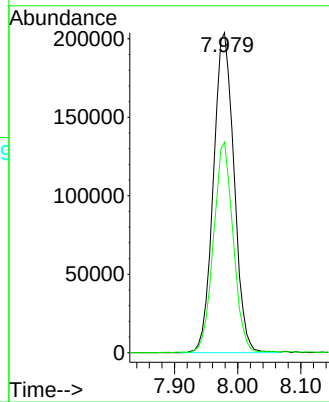
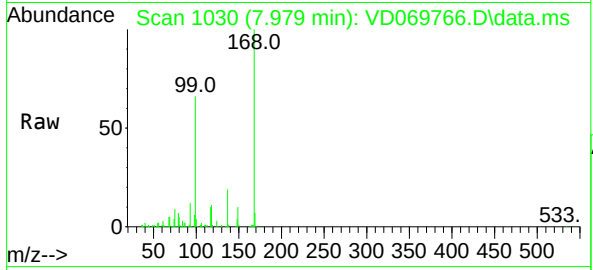




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

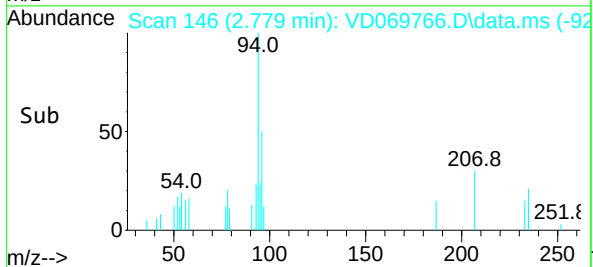
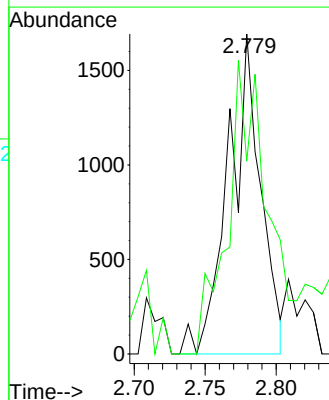
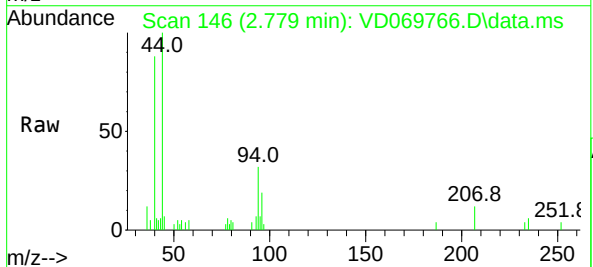
Instrument :
MSVOA_D
ClientSampled :

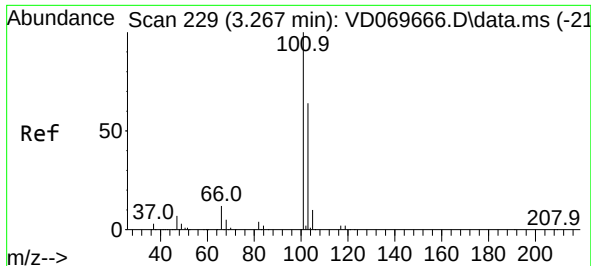
Tgt Ion:168 Resp: 462300
Ion Ratio Lower Upper
168 100
99 65.6 51.8 77.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Tgt Ion: 94 Resp: 2657
Ion Ratio Lower Upper
94 100
96 60.2 71.2 106.8#

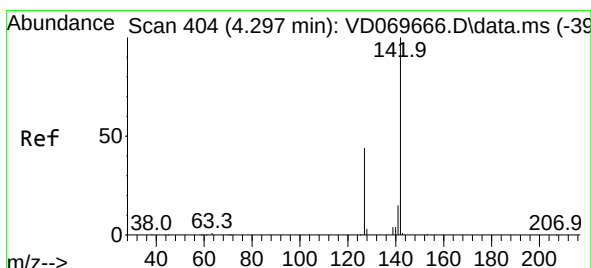
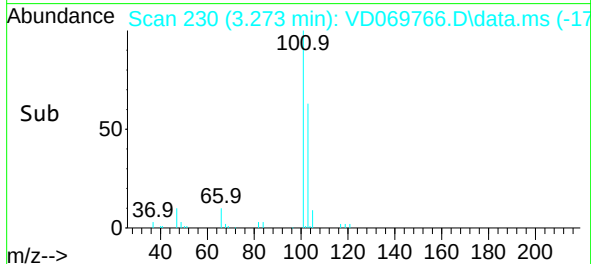
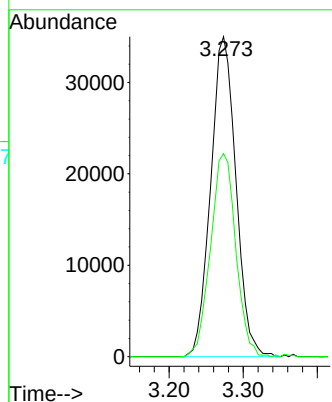
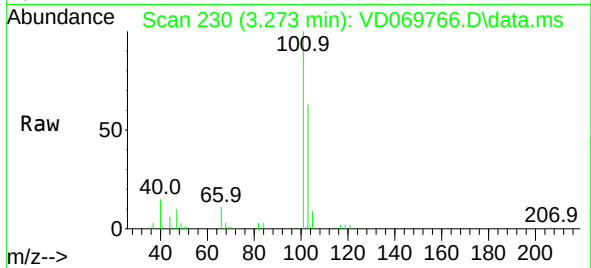




#7
Trichlorofluoromethane
Concen: 9.324 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.006 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

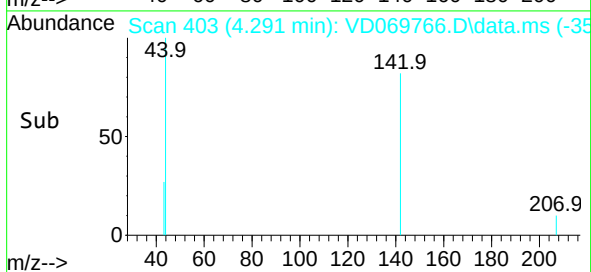
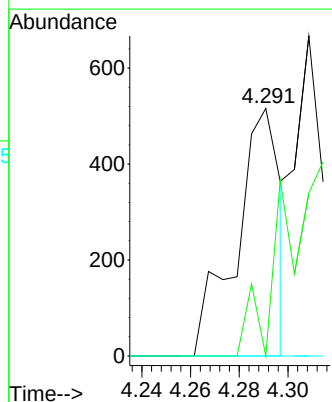
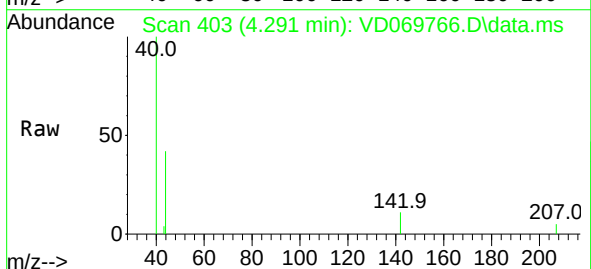
Instrument :
MSVOA_D
ClientSampleId :

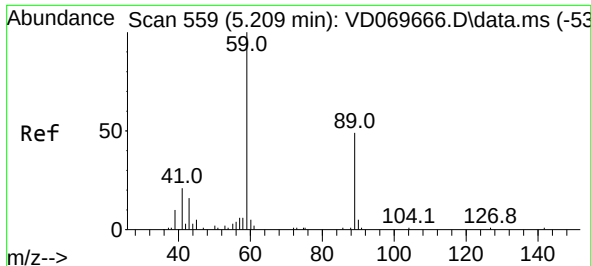
Tgt Ion:101 Resp: 82692
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0



#10
Methyl Iodide
Concen: 2.576 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Tgt Ion:142 Resp: 651
Ion Ratio Lower Upper
142 100
127 0.0 36.1 54.1#
141 0.0 11.6 17.4#

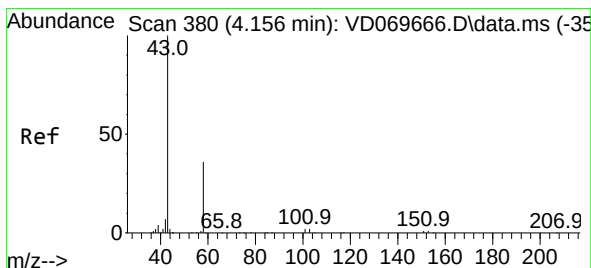
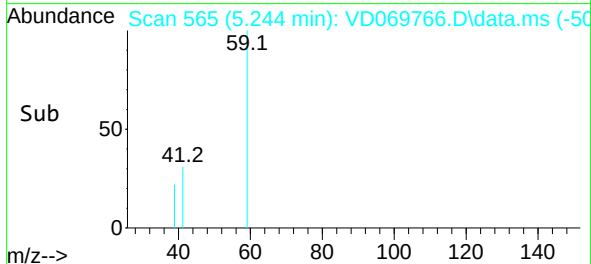
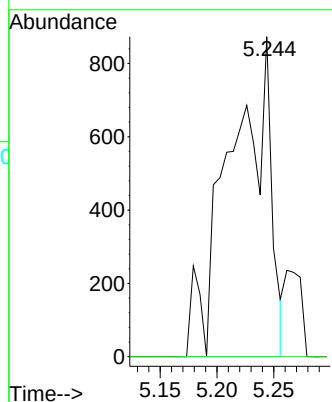
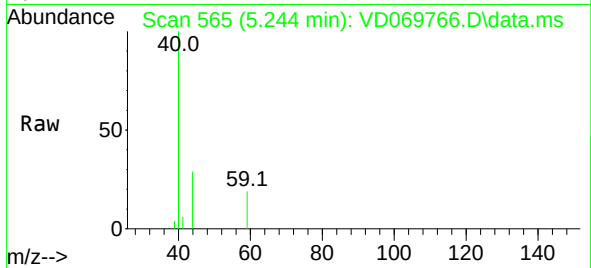




#11
Tert butyl alcohol
Concen: 2.815 ug/l
RT: 5.244 min Scan# 565
Delta R.T. 0.035 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

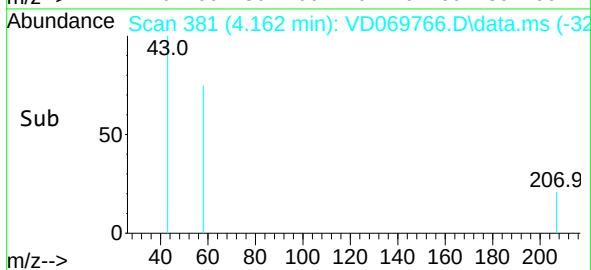
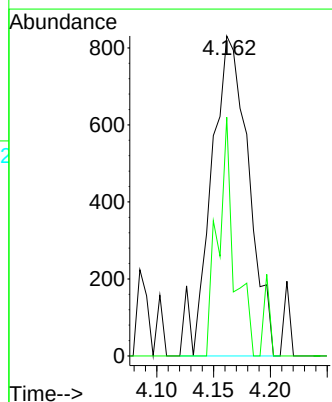
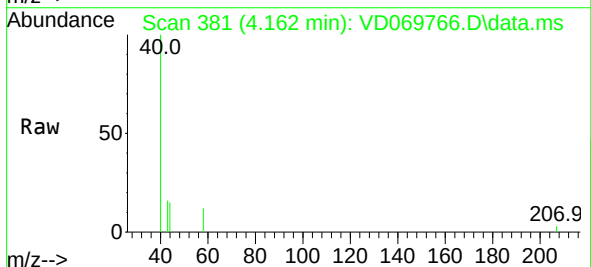
Instrument :
MSVOA_D
ClientSampled :

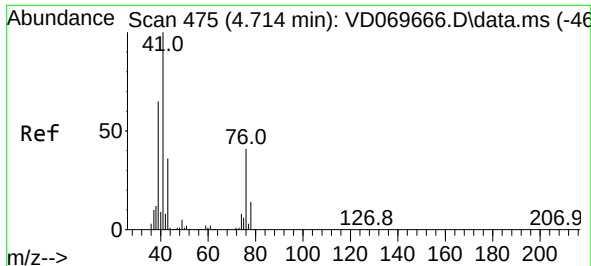
Tgt Ion: 59 Resp: 2171
Ion Ratio Lower Upper
59 100
57 0.0 5.7 8.5#



#16
Acetone
Concen: 14.558 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Tgt Ion: 43 Resp: 1905
Ion Ratio Lower Upper
43 100
58 74.6 28.6 42.8#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.709 min Scan# 474

Delta R.T. -0.005 min

Lab File: VD069766.D

Acq: 20 Jul 2021 13:27

Instrument :

MSVOA_D

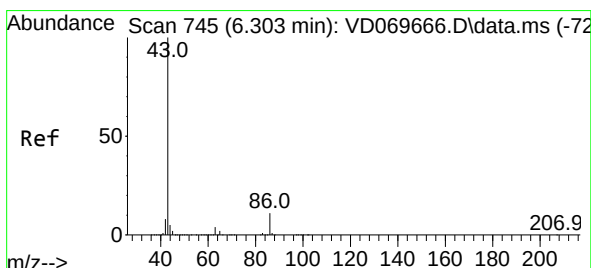
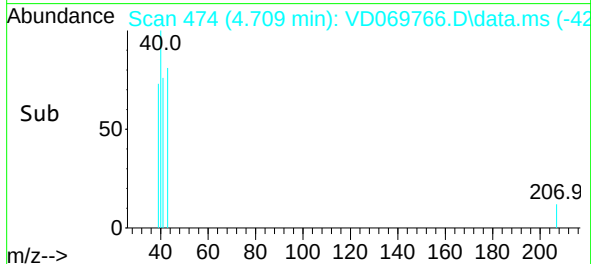
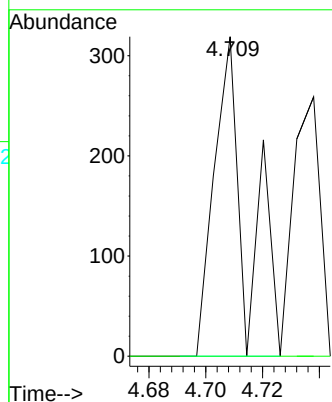
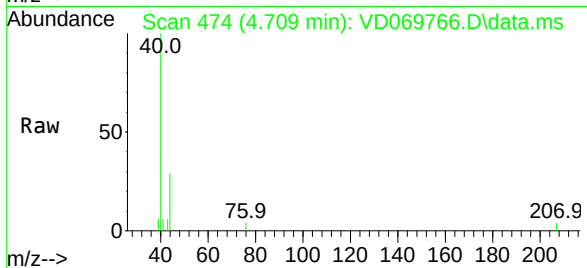
ClientSampled :

Tgt Ion: 43 Resp: 252

Ion Ratio Lower Upper

43 100

74 0.0 20.6 30.8#



#23

Vinyl Acetate

Concen: 15.445 ug/l

RT: 6.350 min Scan# 753

Delta R.T. 0.047 min

Lab File: VD069766.D

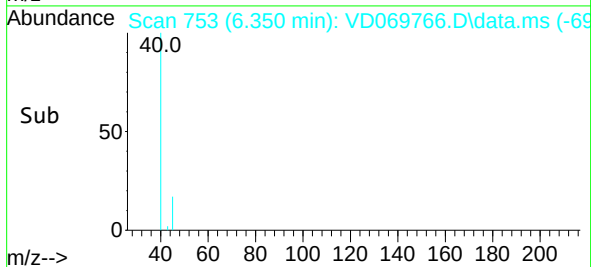
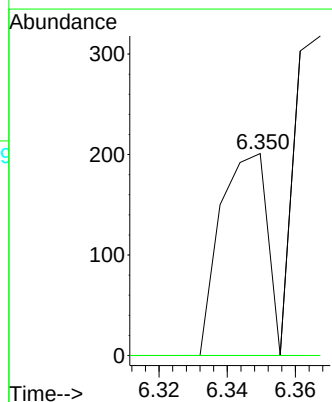
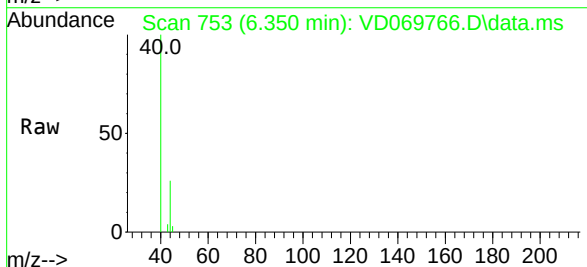
Acq: 20 Jul 2021 13:27

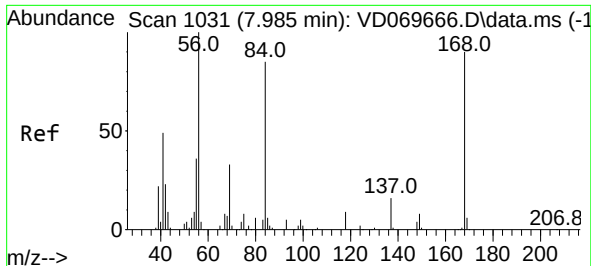
Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

43 100

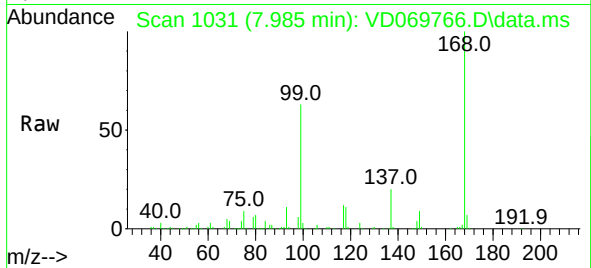
86 0.0 8.6 12.8#



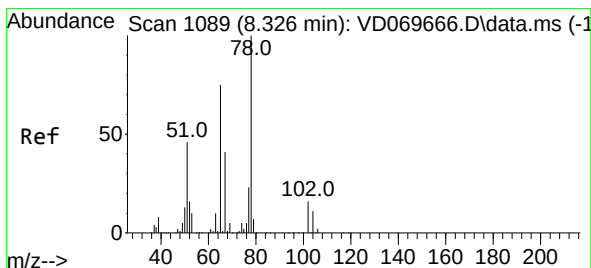
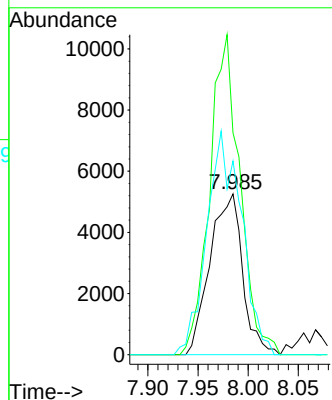
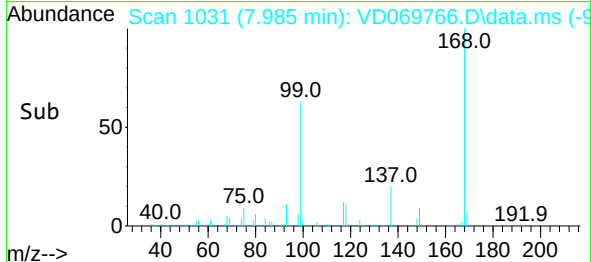


#31
Cyclohexane
Concen: 1.606 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

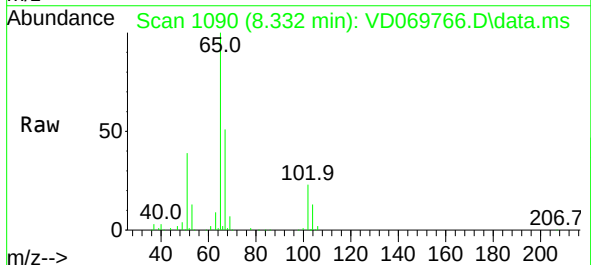
Instrument :
MSVOA_D
ClientSampled :



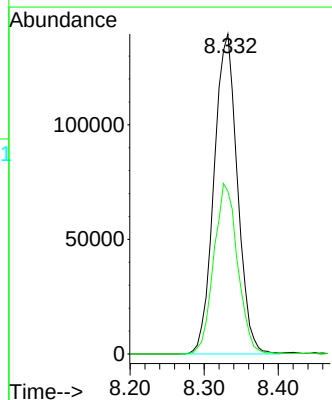
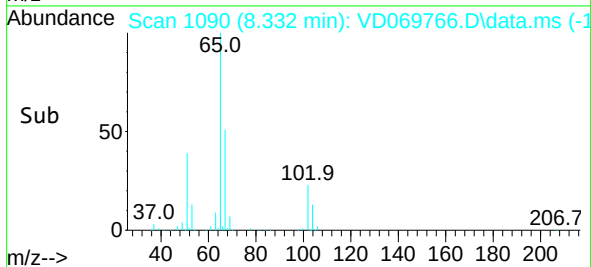
Tgt Ion: 56 Resp: 11900
Ion Ratio Lower Upper
56 100
69 137.9 26.6 39.8#
84 120.4 68.2 102.2#

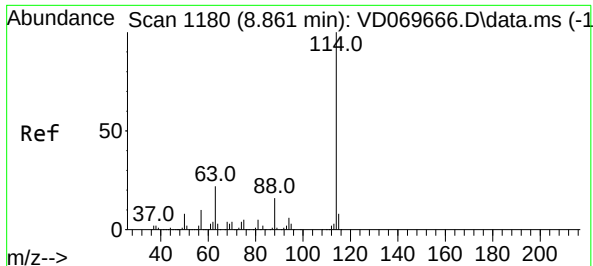


#33
1,2-Dichloroethane-d4
Concen: 53.008 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27



Tgt Ion: 65 Resp: 305983
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2



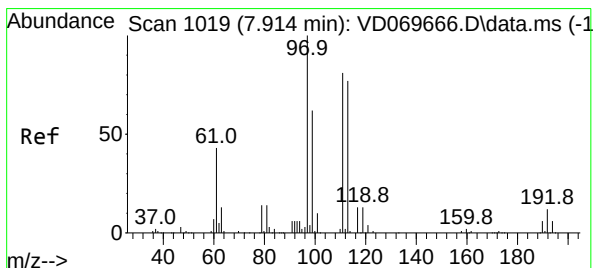
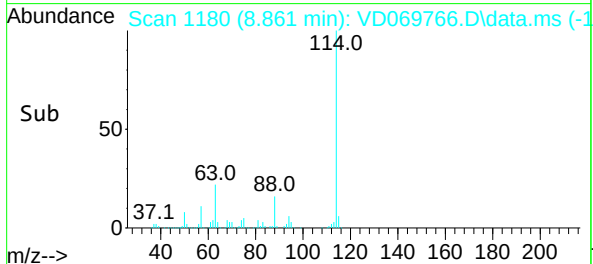
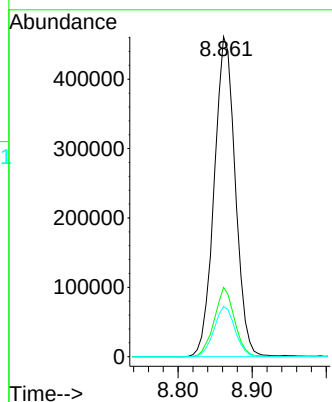
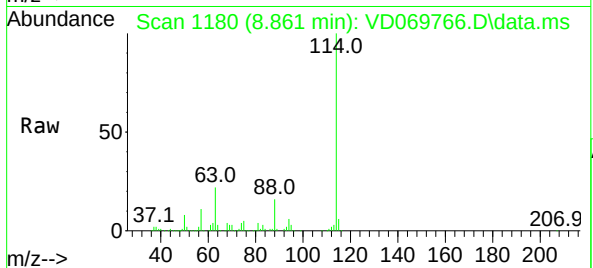


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Instrument :
MSVOA_D
ClientSampled :

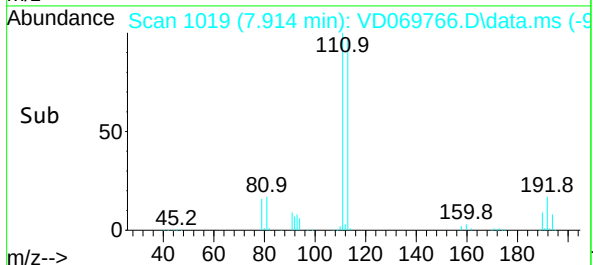
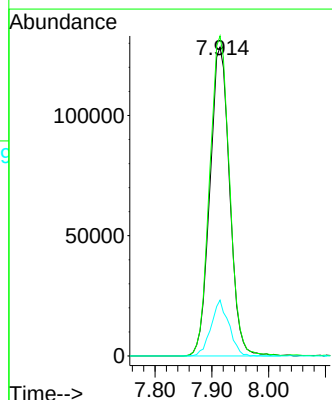
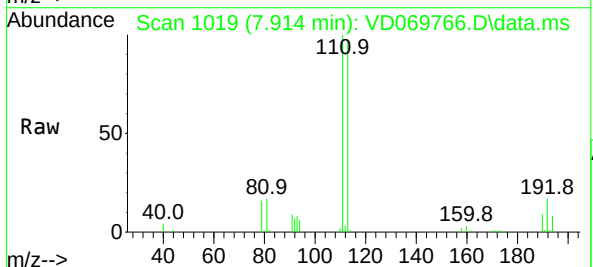
Tgt Ion:	114	Resp:	910938
Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.4
88	15.6	0.0	32.0

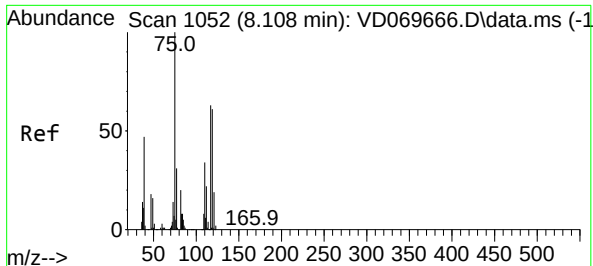


#35

Dibromofluoromethane
Concen: 50.630 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Tgt Ion:	113	Resp:	309417
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	123.8
192	16.4	12.7	19.1

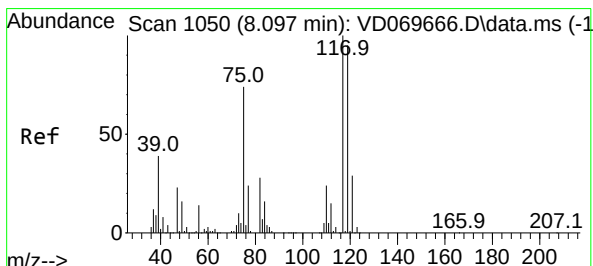
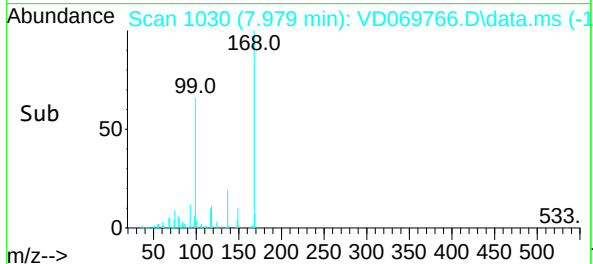
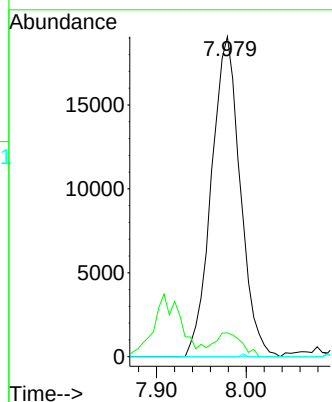
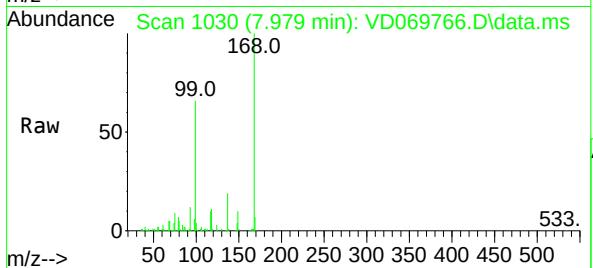




#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

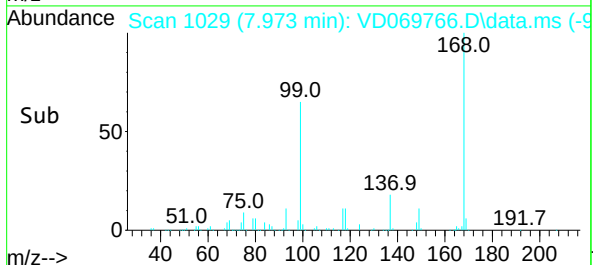
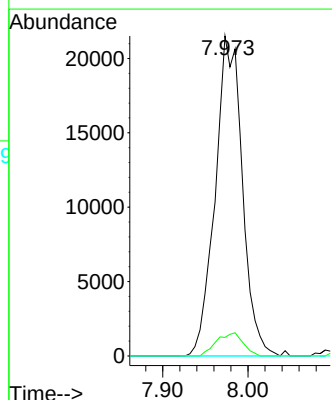
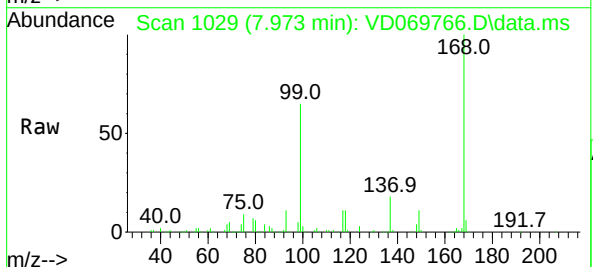
Instrument :
MSVOA_D
ClientSampleId :

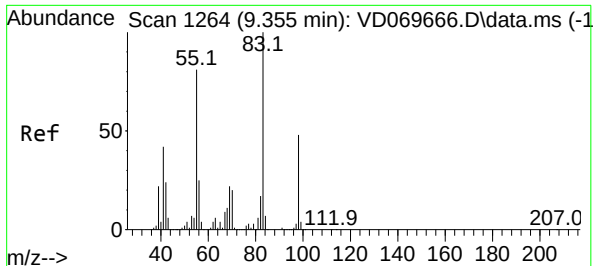
Tgt Ion: 75 Resp: 42506
Ion Ratio Lower Upper
75 100
110 6.9 16.7 50.0#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Tgt Ion: 117 Resp: 47565
Ion Ratio Lower Upper
117 100
119 5.8 75.7 113.5#
121 0.0 23.0 34.6#





#39

Methylcyclohexane

Concen: 2.060 ug/l

RT: 9.349 min Scan# 1263

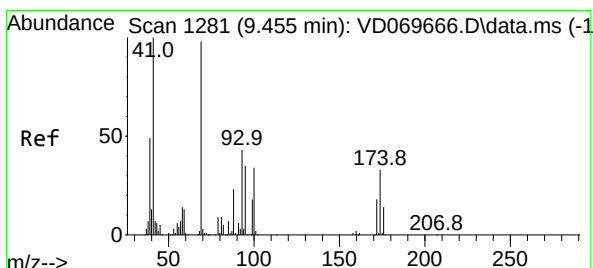
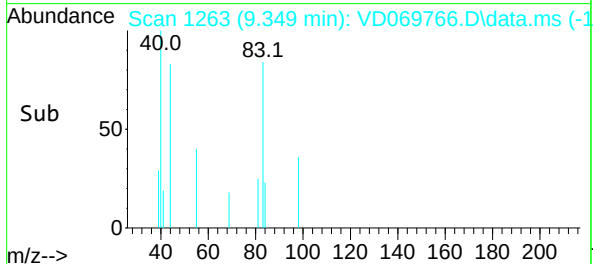
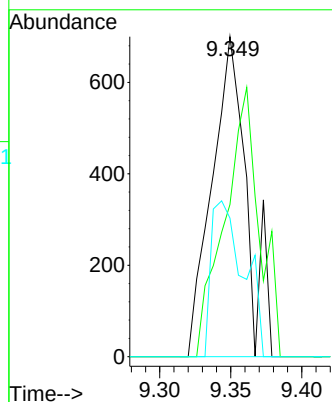
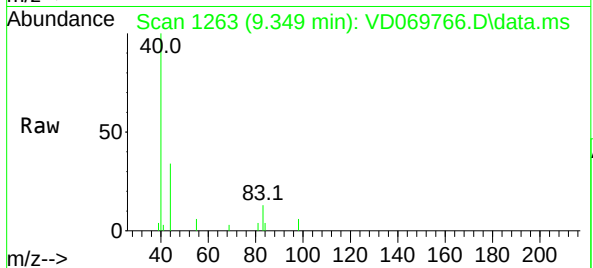
Delta R.T. -0.006 min

Lab File: VD069766.D

Acq: 20 Jul 2021 13:27

Tgt Ion: 83	Resp: 1188
Ion Ratio	Lower Upper
83 100	
55 47.6	64.6 97.0#
98 43.3	38.4 57.6

Instrument :
MSVOA_D
ClientSampleId :



#48

Methyl methacrylate

Concen: 1.128 ug/l

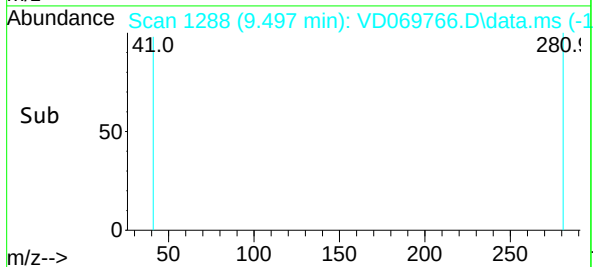
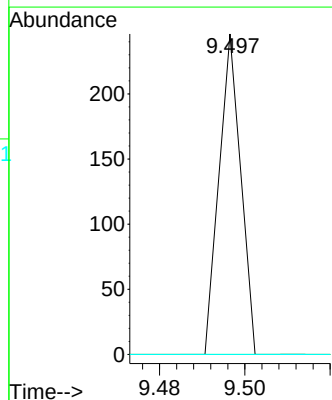
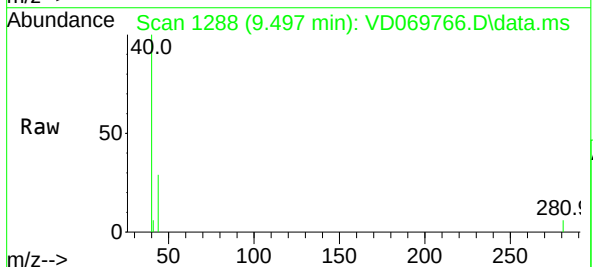
RT: 9.497 min Scan# 1288

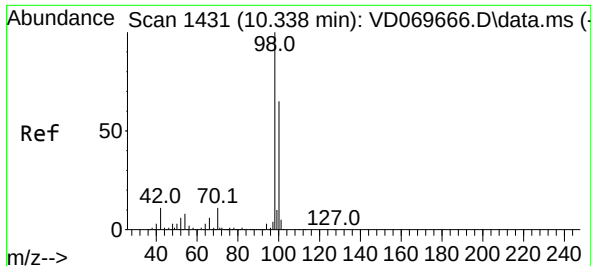
Delta R.T. 0.042 min

Lab File: VD069766.D

Acq: 20 Jul 2021 13:27

Tgt Ion: 41	Resp: 87
Ion Ratio	Lower Upper
41 100	
69 0.0	71.6 107.4#
39 0.0	36.7 55.1#

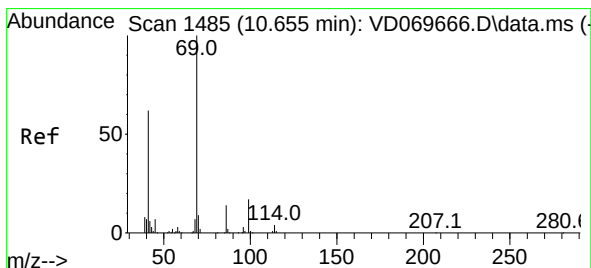
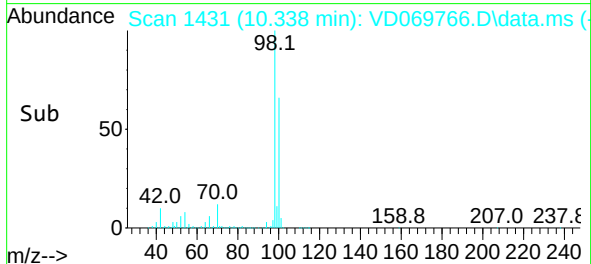
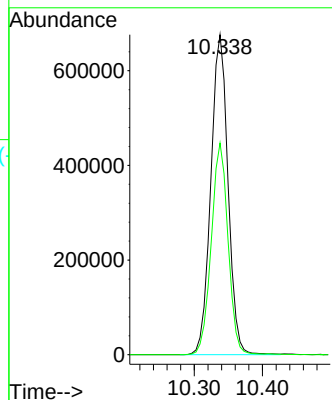
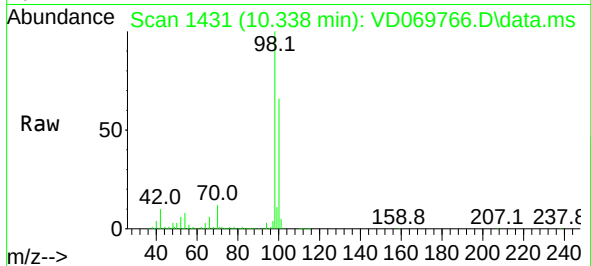




#50
Toluene-d8
Concen: 49.937 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

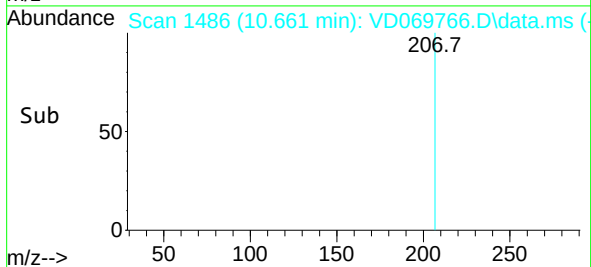
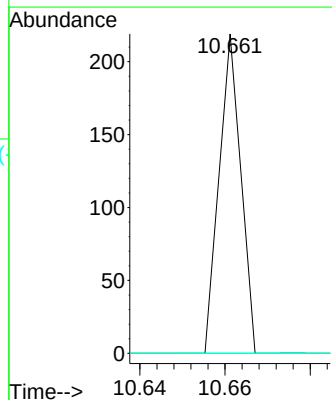
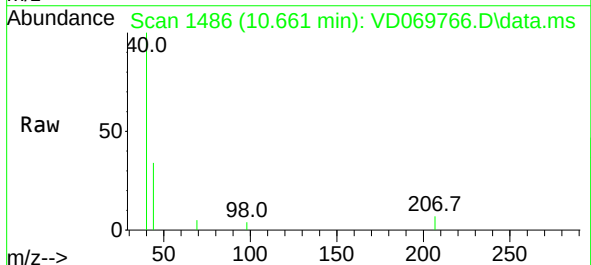
Instrument :
MSVOA_D
ClientSampleId :

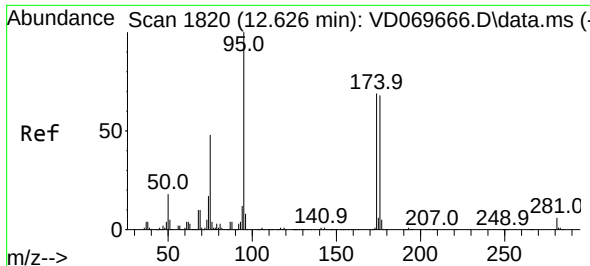
Tgt Ion: 98 Resp: 1185622
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#56
Ethyl methacrylate
Concen: 1.677 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Tgt Ion: 69 Resp: 77
Ion Ratio Lower Upper
69 100
41 0.0 49.5 74.3#
39 0.0 22.5 33.7#

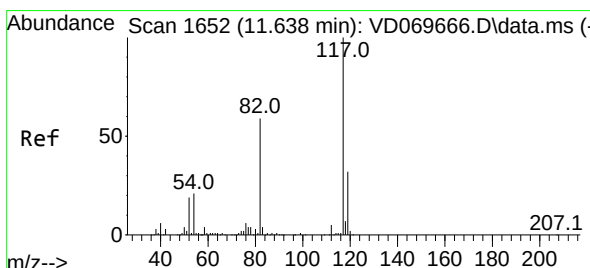
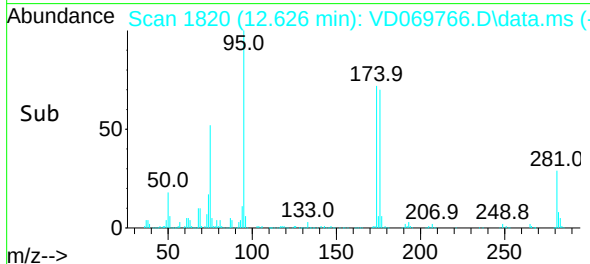
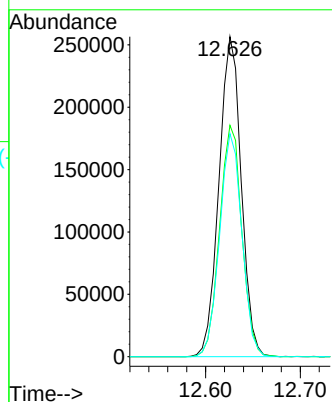
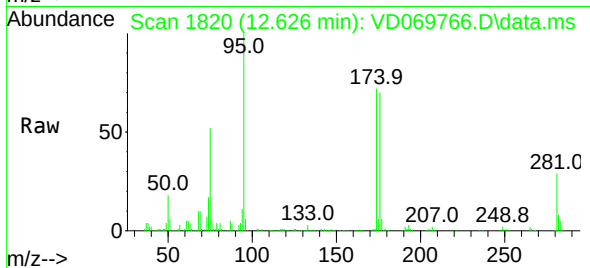




#62
4-Bromofluorobenzene
Concen: 52.962 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

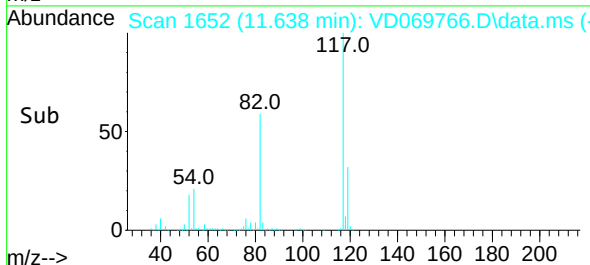
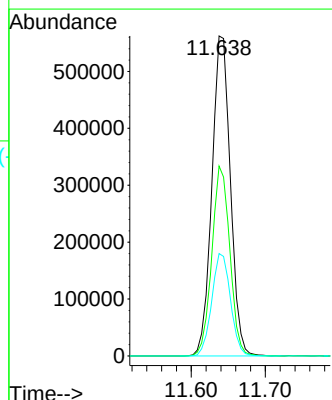
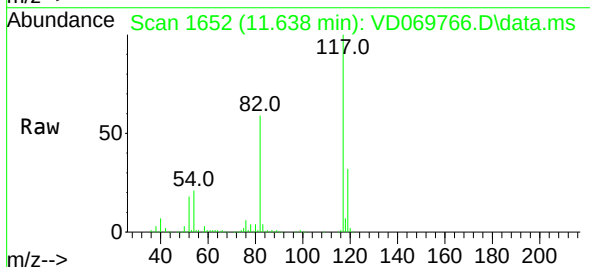
Instrument :
MSVOA_D
ClientSampleId :

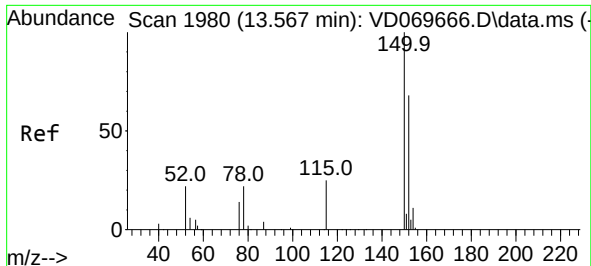
Tgt Ion: 95 Resp: 419370
Ion Ratio Lower Upper
95 100
174 72.5 0.0 140.0
176 69.6 0.0 136.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Tgt Ion: 117 Resp: 973516
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 32.0 25.5 38.3

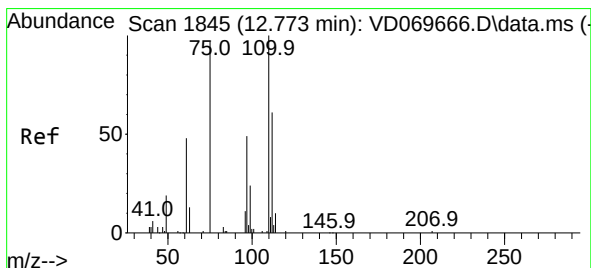
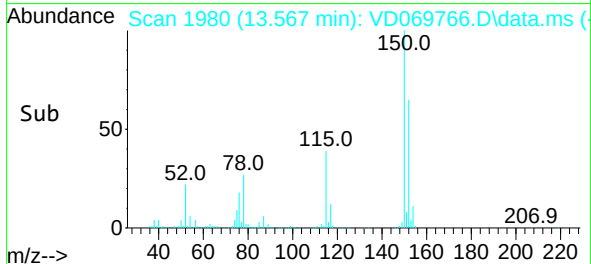
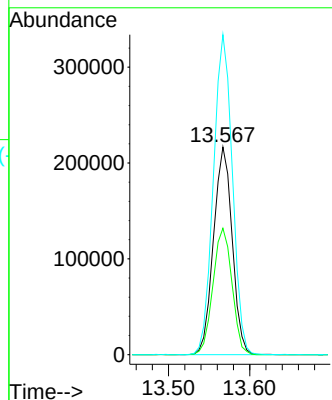
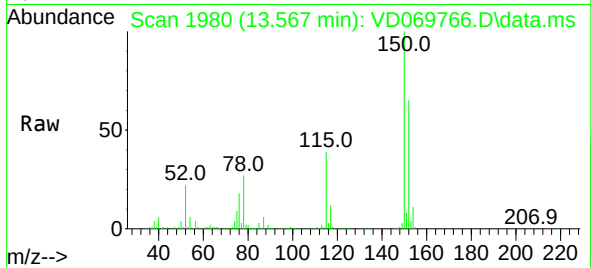




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD069766.D
 Acq: 20 Jul 2021 13:27

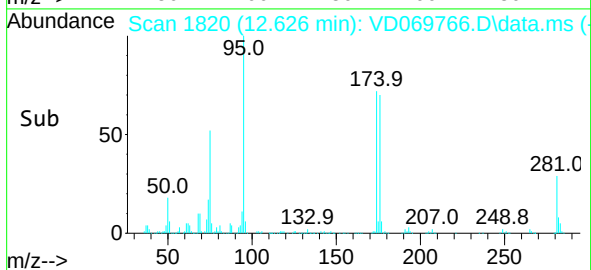
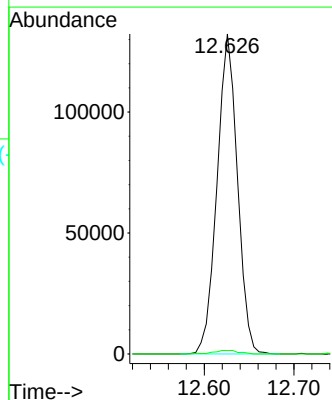
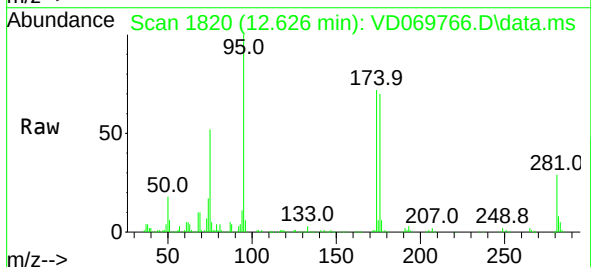
Instrument :
 MSVOA_D
 ClientSampleId :

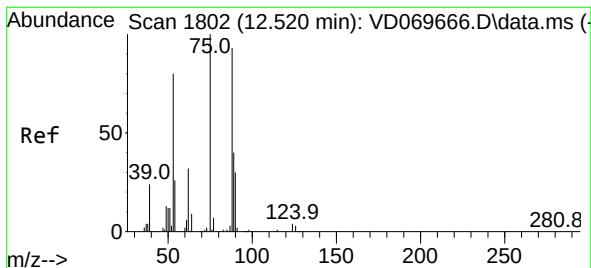
Tgt Ion:152 Resp: 346706
 Ion Ratio Lower Upper
 152 100
 115 61.8 31.7 95.1
 150 156.6 0.0 350.4



#76
 1,2,3-Trichloropropane
 Concen: 61.955 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD069766.D
 Acq: 20 Jul 2021 13:27

Tgt Ion: 75 Resp: 208673
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

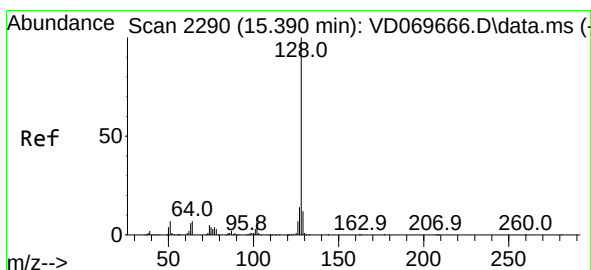
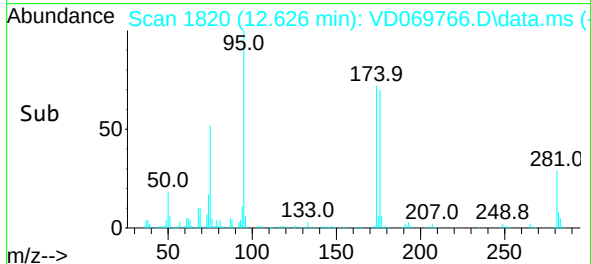
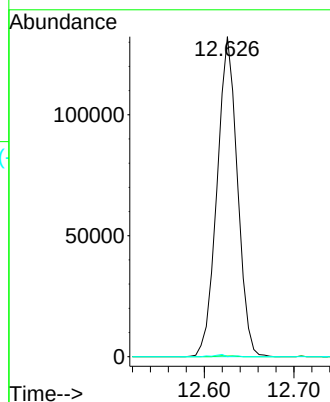
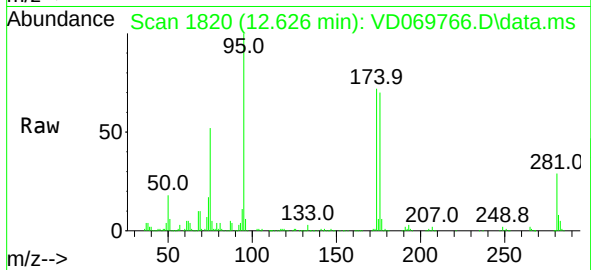




#81
trans-1,4-Dichloro-2-butene
Concen: 166.501 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 208673
Ion Ratio Lower Upper
75 100
53 0.2 70.6 106.0#
89 0.4 35.1 52.7#



#95
Naphthalene
Concen: 2.272 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.000 min
Lab File: VD069766.D
Acq: 20 Jul 2021 13:27

Tgt Ion:128 Resp: 770
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#

