

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061421\
 Data File : VD069433.D
 Acq On : 14 Jun 2021 18:13
 Operator : VA/SY
 Sample : M2709-05
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 07:29:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	14628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	23201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	43382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	17206	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14312	86.73	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	173.46%#
35) Dibromofluoromethane	7.908	113	7817	44.98	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.96%
50) Toluene-d8	10.337	98	44343	69.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	139.54%
62) 4-Bromofluorobenzene	12.631	95	22565	110.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	221.30%#

Target Compounds						Qvalue
3) Chloromethane	2.214	50	720	4.94	ug/l #	41
5) Bromomethane	2.779	94	1578	10.76	ug/l	83
10) Methyl Iodide	4.308	142	647	6.75	ug/l #	59
16) Acetone	4.161	43	4034	147.68	ug/l	91
18) Methyl Acetate	4.738	43	72	Below	Cal #	46
20) Methylene Chloride	4.973	84	1299	Below	Cal #	65
23) Vinyl Acetate	6.408	43	102	17.98	ug/l #	67
25) 2-Butanone	7.196	43	376	11.04	ug/l #	45
36) 1,1-Dichloropropene	7.990	75	1543	6.39	ug/l #	48
37) Ethyl Acetate	7.261	43	191	2.36	ug/l #	67
38) Carbon Tetrachloride	7.985	117	1200	4.59	ug/l #	29
39) Methylcyclohexane	9.337	83	252	1.04	ug/l #	55
41) Methacrylonitrile	7.526	41	63	1.57	ug/l #	50
43) Isopropyl Acetate	8.443	43	470	3.08	ug/l #	46
46) Dibromomethane	9.473	93	114	1.16	ug/l #	1
47) Bromodichloromethane	9.655	83	633	2.50	ug/l #	28
48) Methyl methacrylate	9.461	41	157	2.26	ug/l #	9
51) 4-Methyl-2-Pentanone	10.226	43	920	11.80	ug/l #	32
52) Toluene	10.408	92	801	1.79	ug/l	92
55) 1,1,2-Trichloroethane	10.778	97	1882	13.84	ug/l #	18
56) Ethyl methacrylate	10.643	69	2729	19.41	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.920	63	58	12.65	ug/l #	1
59) 2-Hexanone	10.984	43	316	6.07	ug/l	65
60) Dibromochloromethane	11.096	129	410	2.37	ug/l	94
61) 1,2-Dibromoethane	11.220	107	865	6.62	ug/l	98
64) Tetrachloroethene	10.849	164	580	1.73	ug/l #	21
65) Chlorobenzene	11.678	112	1139	1.19	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	11.714	131	391	1.07	ug/l #	34
69) o-Xylene	12.155	106	842	1.50	ug/l	52
71) Bromoform	12.343	173	545	2.87	ug/l #	1
74) N-amyl acetate	12.308	43	1079	4.97	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.737	83	30158	129.85	ug/l #	27
76) 1,2,3-Trichloropropane	12.625	75	8928	51.18	ug/l #	1
79) 2-Chlorotoluene	12.931	91	1057	1.25	ug/l	77
80) 1,3,5-Trimethylbenzene	12.920	105	1099	1.08	ug/l	79
81) trans-1,4-Dichloro-2-b...	12.625	75	8928	136.54	ug/l #	24

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 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

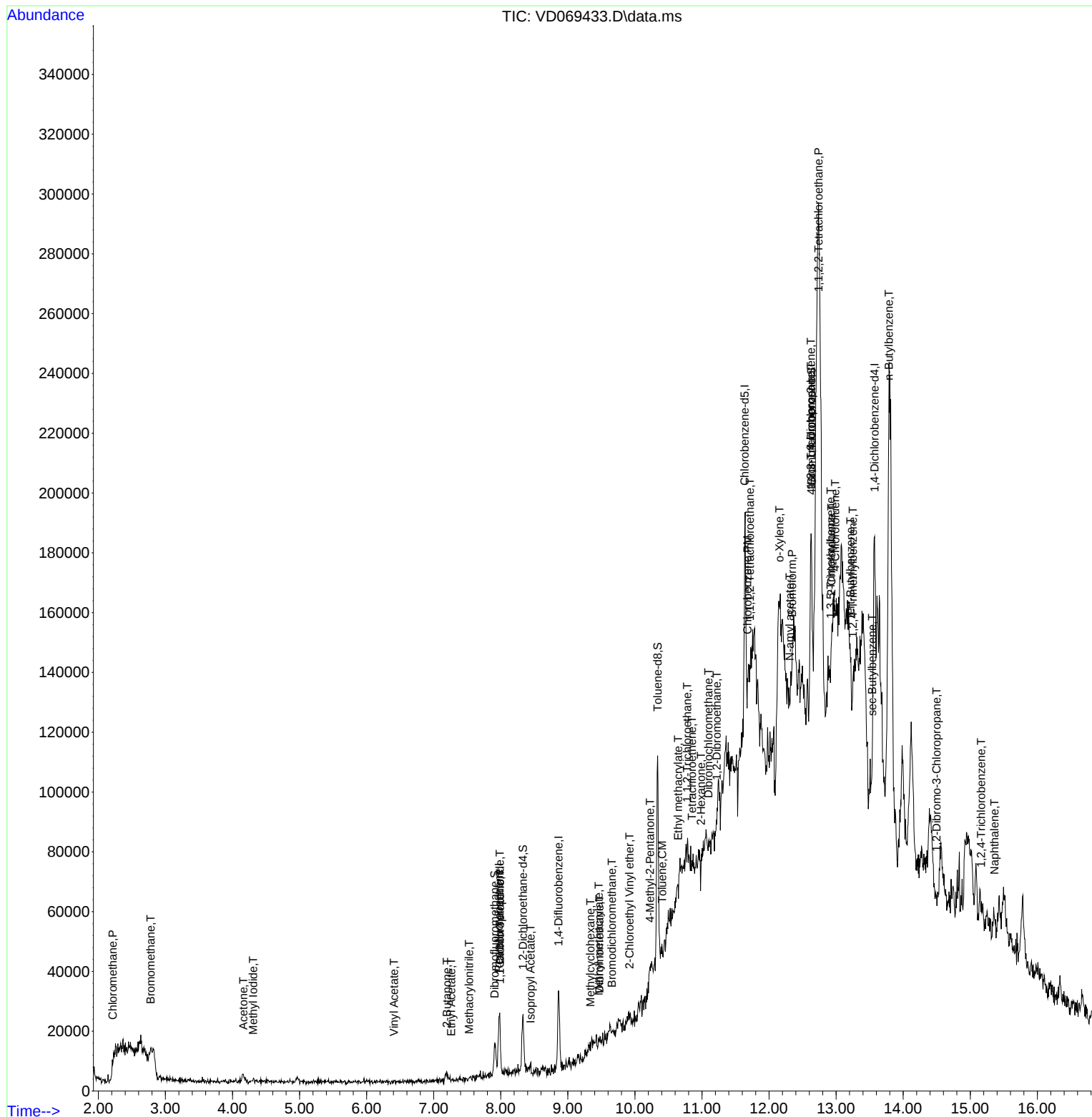
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	12.984	91	1136	1.26	ug/l	76
83) tert-Butylbenzene	13.214	119	908	1.05	ug/l #	31
84) 1,2,4-Trimethylbenzene	13.249	105	1123	1.10	ug/l	96
85) sec-Butylbenzene	13.537	105	2402	1.88	ug/l	91
89) n-Butylbenzene	13.784	91	1840	1.78	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.496	75	112	3.20	ug/l #	32
93) 1,2,4-Trichlorobenzene	15.161	180	625	2.03	ug/l #	1
95) Naphthalene	15.361	128	319	4.07	ug/l #	1

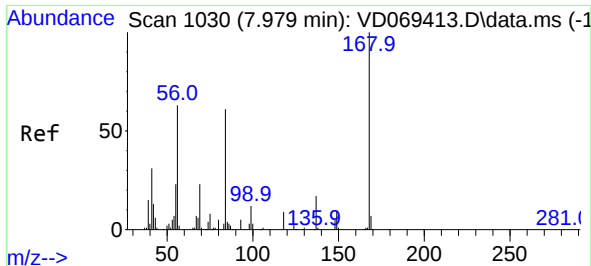
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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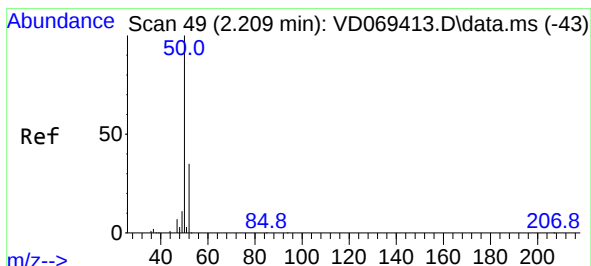
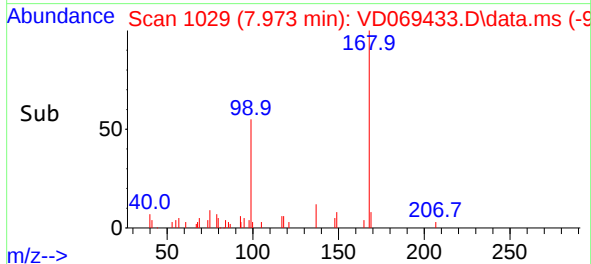
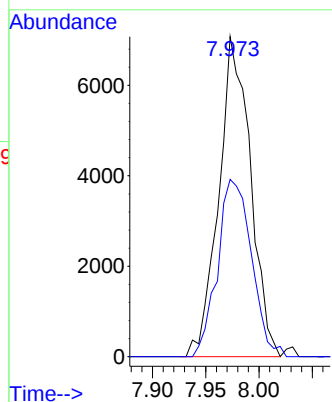
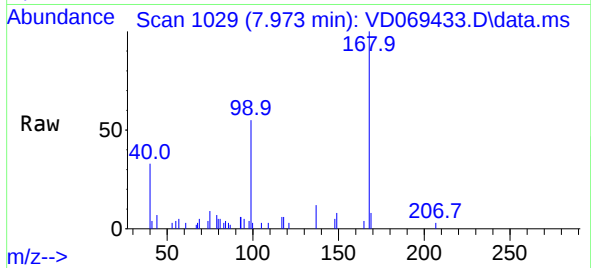




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

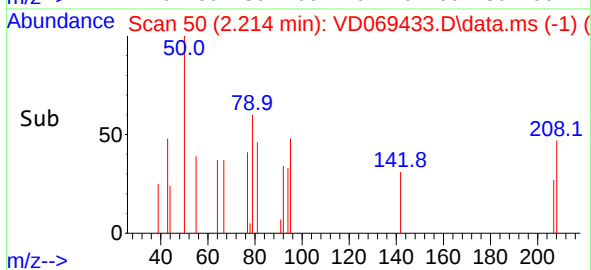
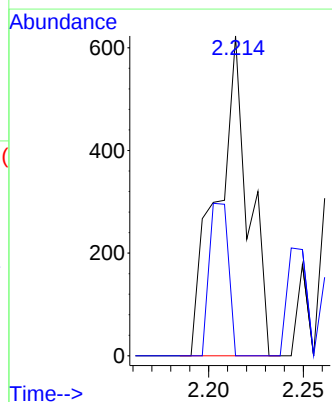
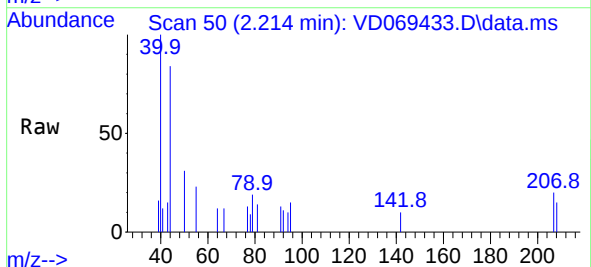
Instrument :
MSVOA_D
ClientSampled :

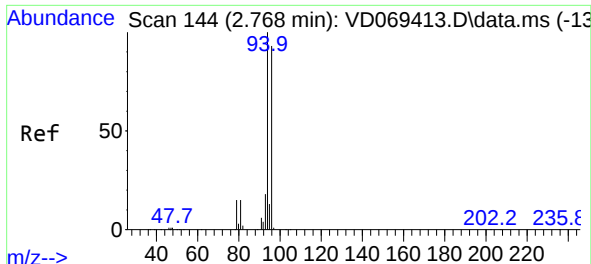
Tgt Ion:168 Resp: 14628
Ion Ratio Lower Upper
168 100
99 55.4 46.2 69.2



#3
Chloromethane
Concen: 4.94 ug/l
RT: 2.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 50 Resp: 720
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

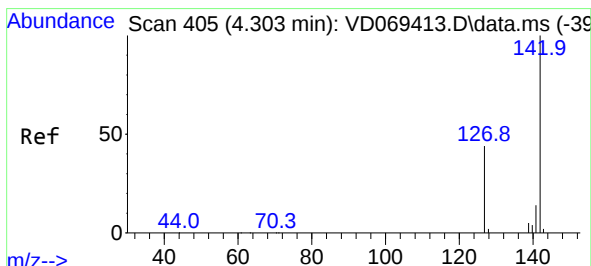
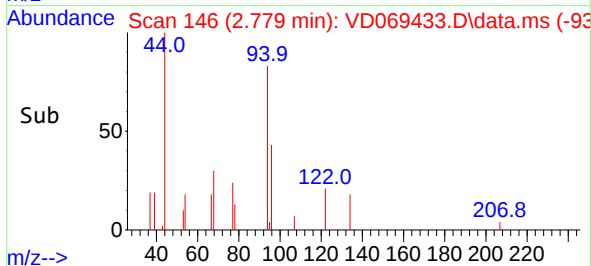
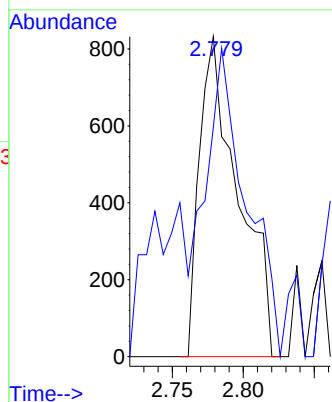
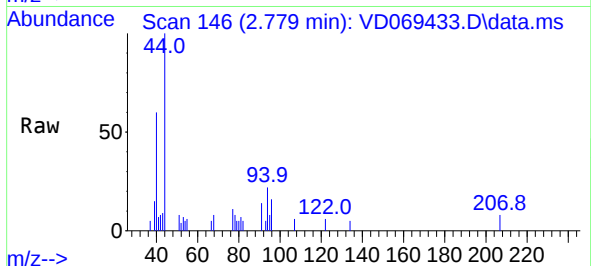




#5
Bromomethane
Concen: 10.76 ug/l
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

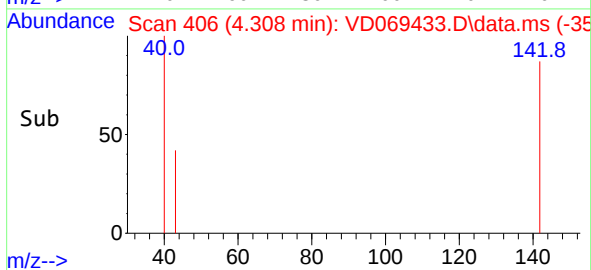
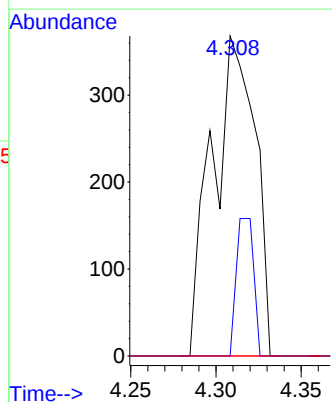
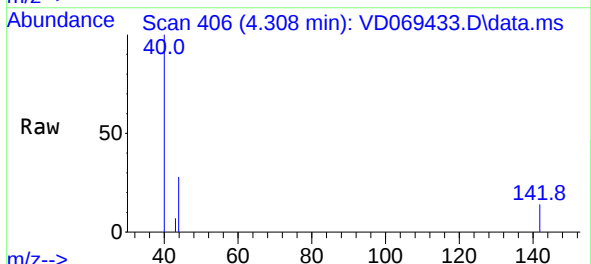
Instrument :
MSVOA_D
ClientSampled :

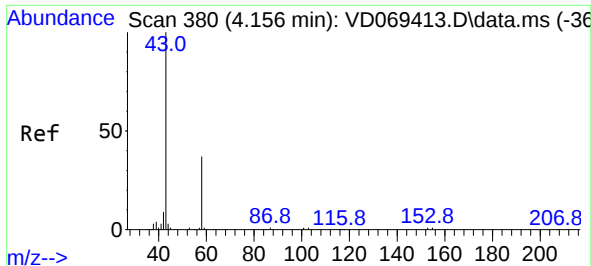
Tgt Ion: 94 Resp: 1578
Ion Ratio Lower Upper
94 100
96 71.6 70.3 105.5



#10
Methyl Iodide
Concen: 6.75 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.005 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:142 Resp: 647
Ion Ratio Lower Upper
142 100
127 17.3 36.2 54.2#
141 0.0 12.2 18.2#

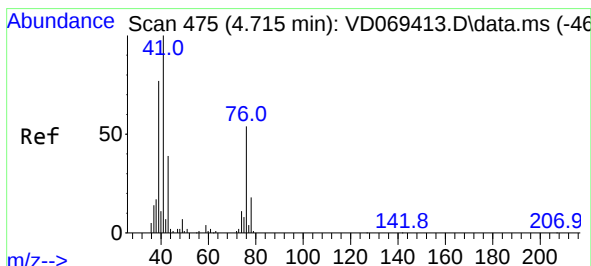
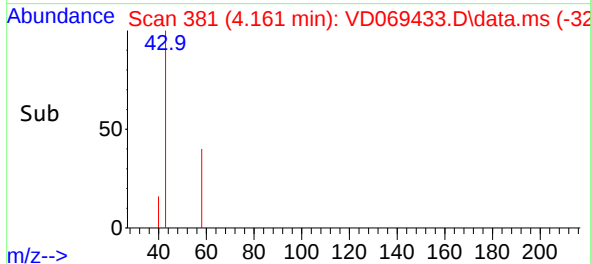
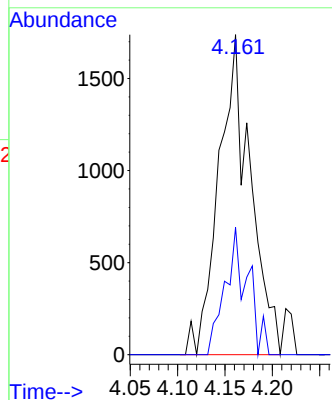
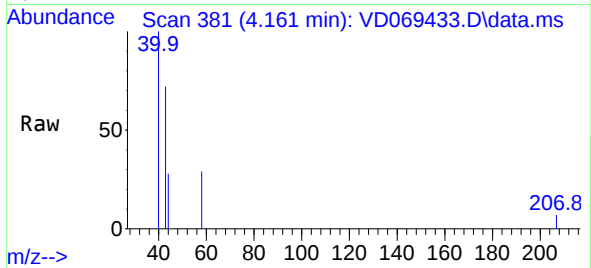




#16
Acetone
Concen: 147.68 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

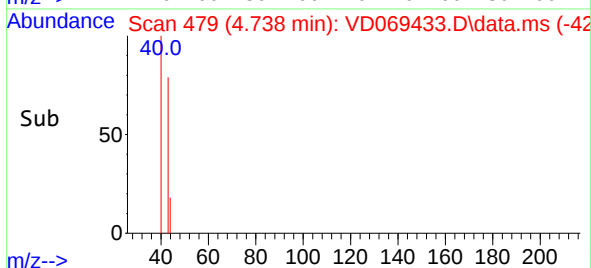
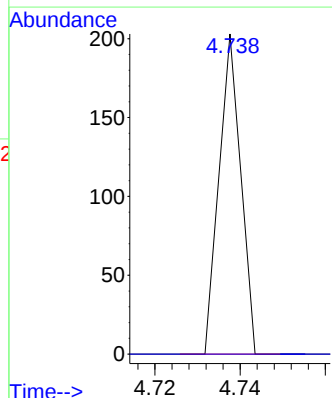
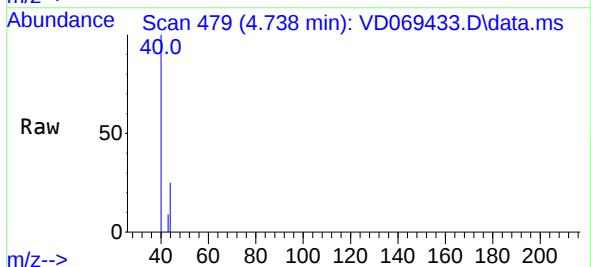
Instrument :
MSVOA_D
ClientSampled :

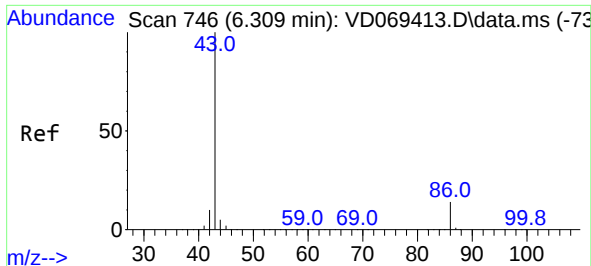
Tgt Ion: 43 Resp: 4034
Ion Ratio Lower Upper
43 100
58 39.8 27.5 41.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.738 min Scan# 479
Delta R.T. 0.023 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

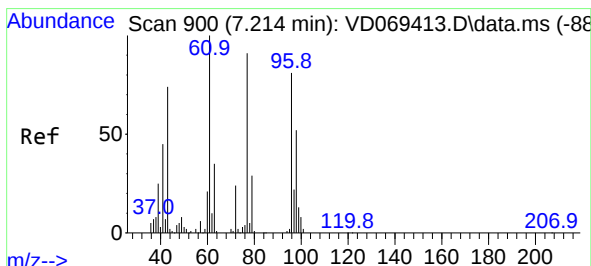
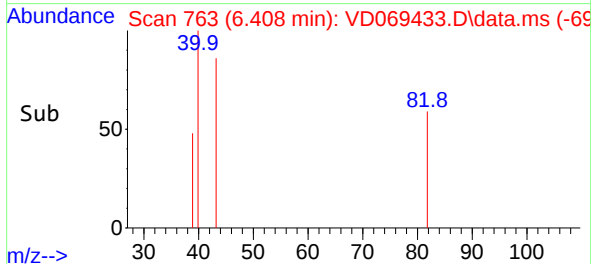
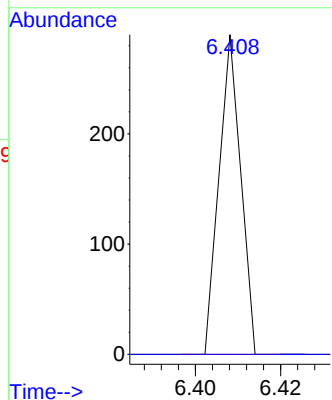
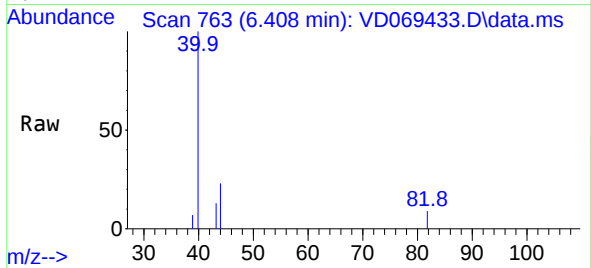




#23
 Vinyl Acetate
 Concen: 17.98 ug/l
 RT: 6.408 min Scan# 763
 Delta R.T. 0.099 min
 Lab File: VD069433.D
 Acq: 14 Jun 2021 18:13

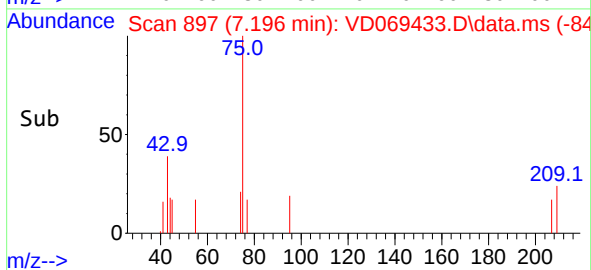
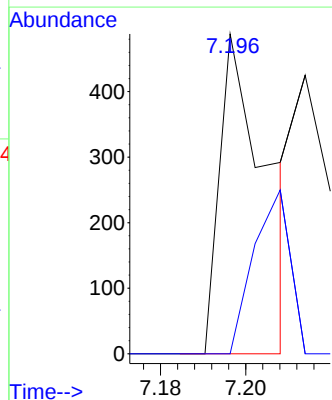
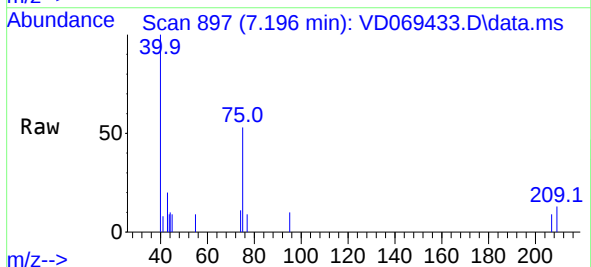
Instrument :
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 ClientSampled :

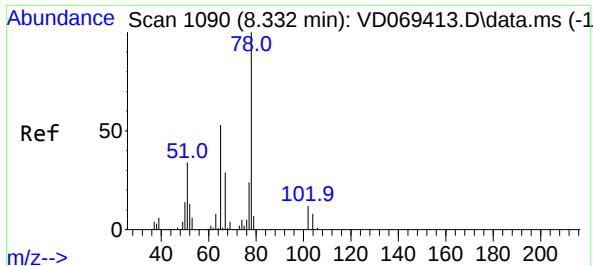
Tgt Ion: 43 Resp: 102
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.5 15.7#



#25
 2-Butanone
 Concen: 11.04 ug/l
 RT: 7.196 min Scan# 897
 Delta R.T. -0.018 min
 Lab File: VD069433.D
 Acq: 14 Jun 2021 18:13

Tgt Ion: 43 Resp: 376
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.9 35.9#

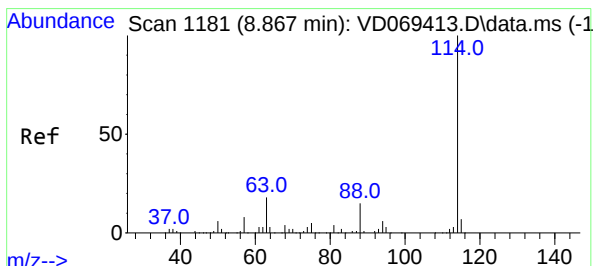
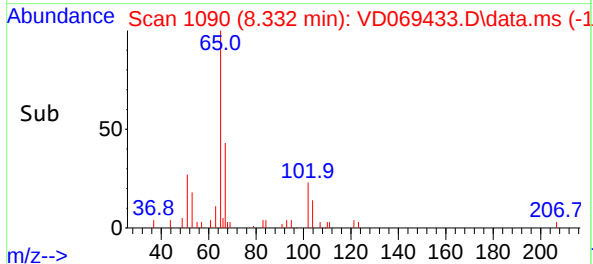
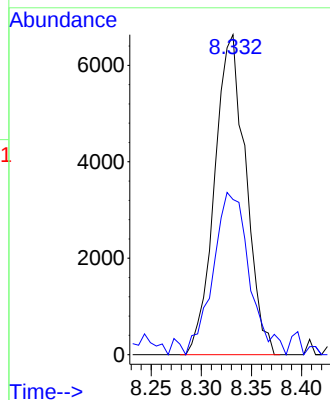
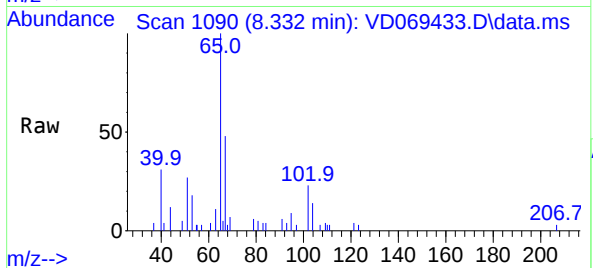




#33
1,2-Dichloroethane-d4
Concen: 86.73 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

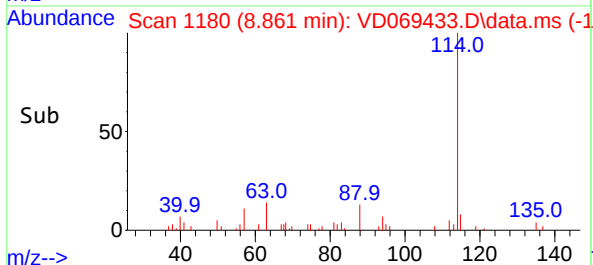
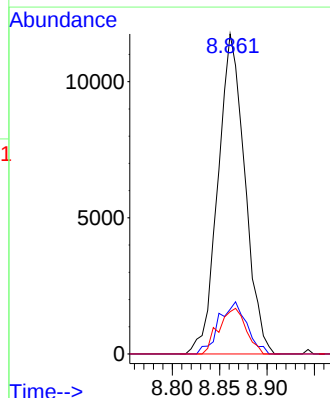
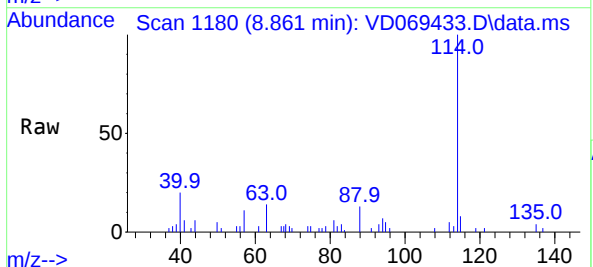
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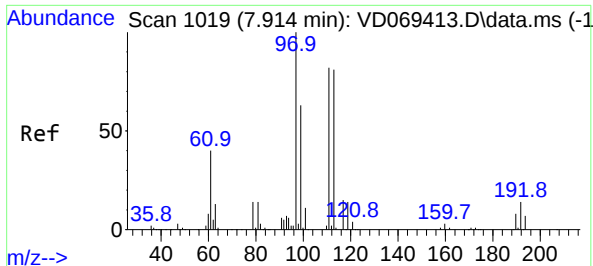
Tgt Ion: 65 Resp: 14312
Ion Ratio Lower Upper
65 100
67 58.9 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 114 Resp: 23201
Ion Ratio Lower Upper
114 100
63 14.0 0.0 35.6
88 13.2 0.0 31.2

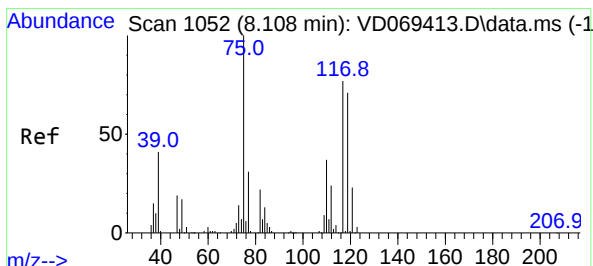
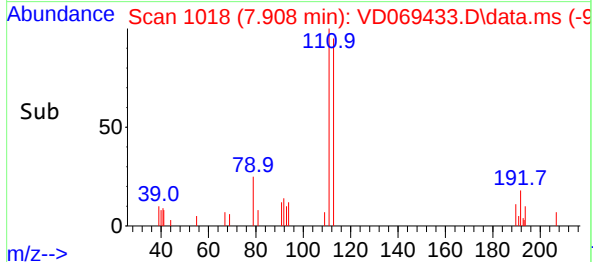
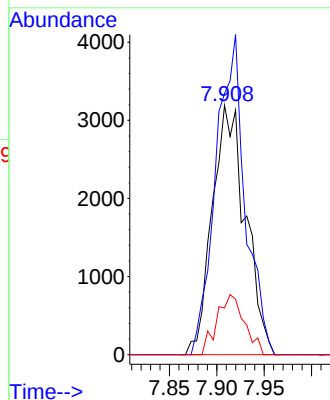
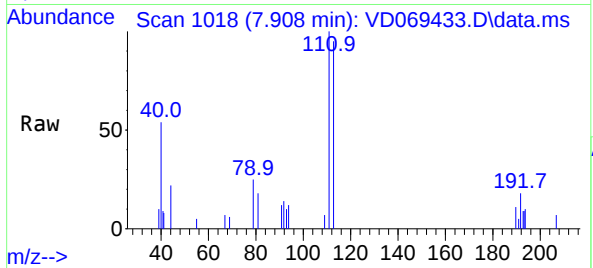




#35
Dibromofluoromethane
Concen: 44.98 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

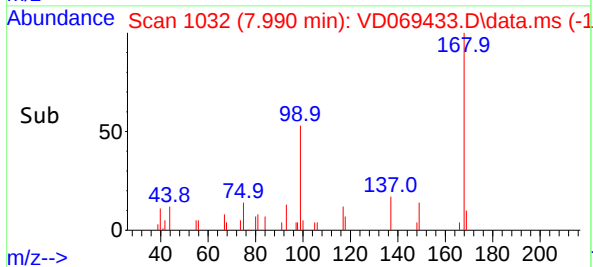
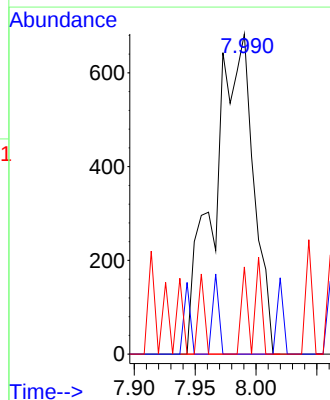
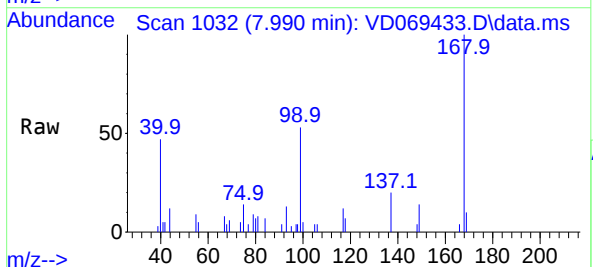
Instrument :
MSVOA_D
ClientSampled :

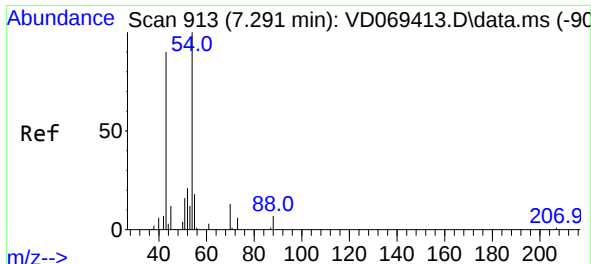
Tgt Ion:	113	Resp:	7817
Ion	Ratio	Lower	Upper
113	100		
111	112.8	83.0	124.6
192	19.9	15.1	22.7



#36
1,1-Dichloropropene
Concen: 6.39 ug/l
RT: 7.990 min Scan# 1032
Delta R.T. -0.118 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:	75	Resp:	1543
Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.4	55.2#
77	9.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 2.36 ug/l

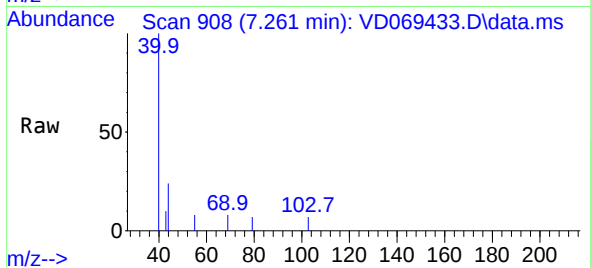
RT: 7.261 min Scan# 908

Delta R.T. -0.030 min

Lab File: VD069433.D

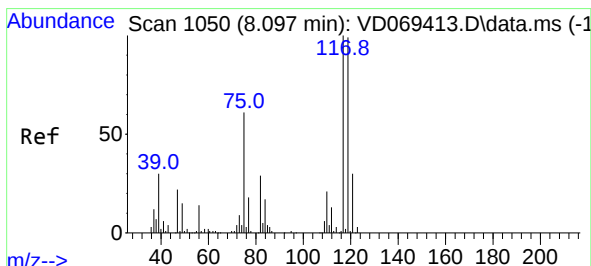
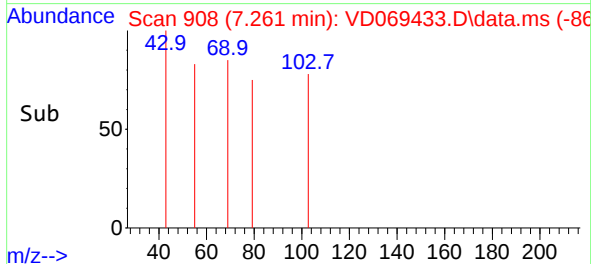
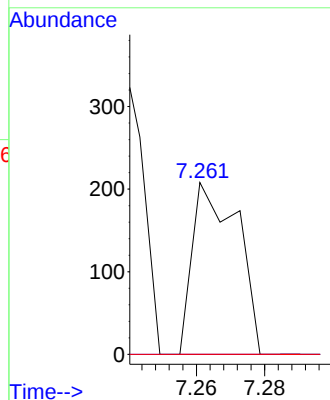
Acq: 14 Jun 2021 18:13

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 43 Resp: 191

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.6#
70	0.0	9.7	14.5#



#38

Carbon Tetrachloride

Concen: 4.59 ug/l

RT: 7.985 min Scan# 1031

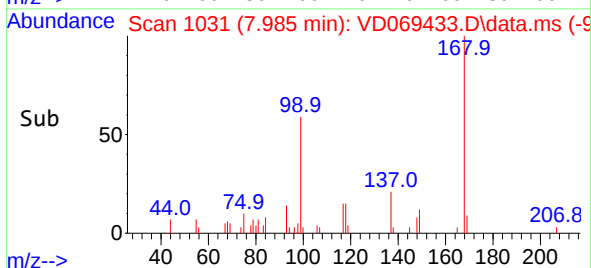
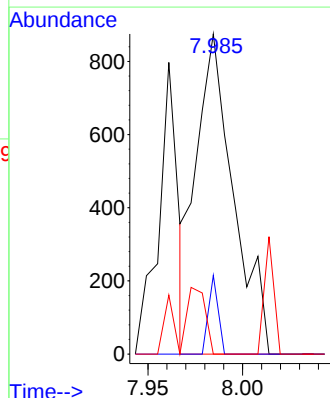
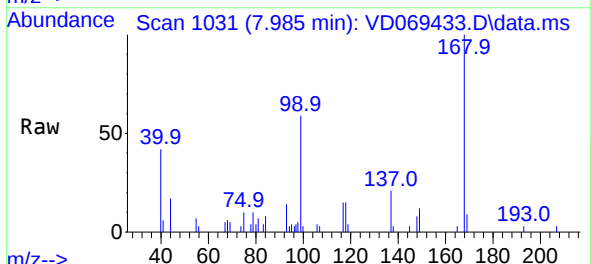
Delta R.T. -0.112 min

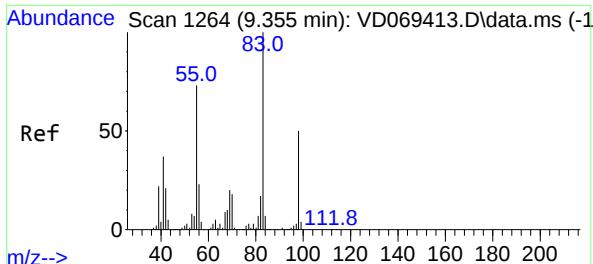
Lab File: VD069433.D

Acq: 14 Jun 2021 18:13

Tgt Ion: 117 Resp: 1200

Ion	Ratio	Lower	Upper
117	100		
119	24.6	79.4	119.2#
121	0.0	26.1	39.1#





#39

Methylcyclohexane

Concen: 1.04 ug/l

RT: 9.337 min Scan# 1261

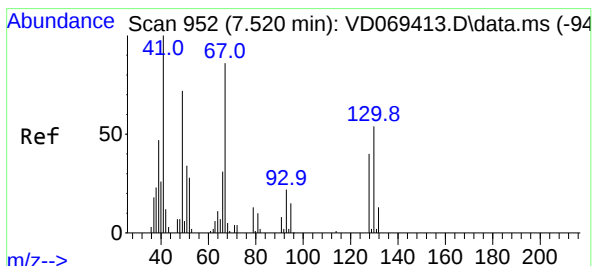
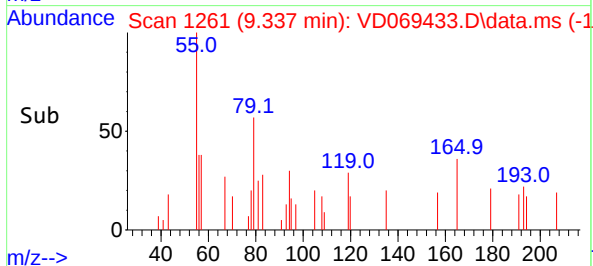
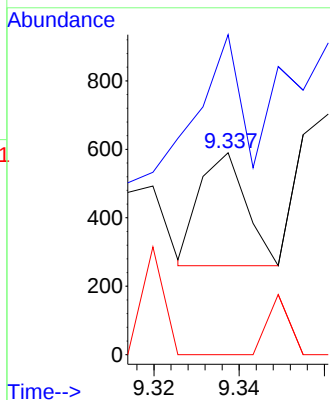
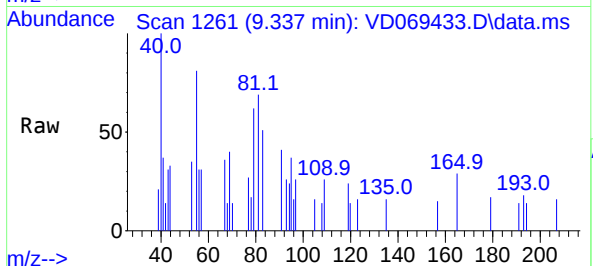
Delta R.T. -0.018 min

Lab File: VD069433.D

Acq: 14 Jun 2021 18:13

Tgt Ion:	83	Resp:	252
Ion	Ratio	Lower	Upper
83	100		
55	91.8	57.4	86.2#
98	0.0	42.2	63.2#

Instrument :
MSVOA_D
ClientSampled :



#41

Methacrylonitrile

Concen: 1.57 ug/l

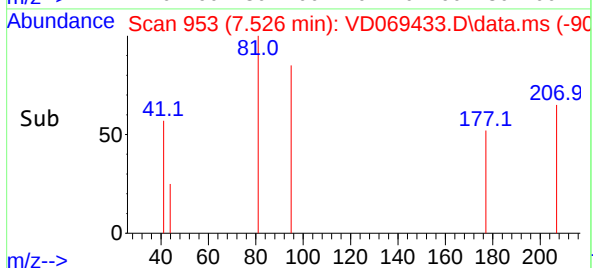
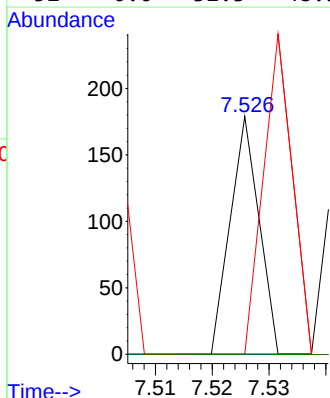
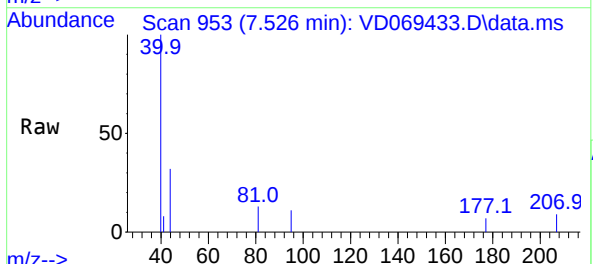
RT: 7.526 min Scan# 953

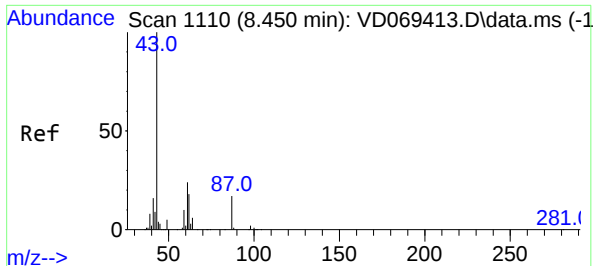
Delta R.T. 0.006 min

Lab File: VD069433.D

Acq: 14 Jun 2021 18:13

Tgt Ion:	41	Resp:	63
Ion	Ratio	Lower	Upper
41	100		
39	0.0	50.6	76.0#
67	134.9	86.2	129.4#
52	0.0	32.3	48.5#

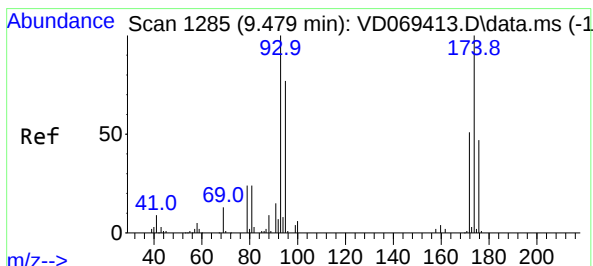
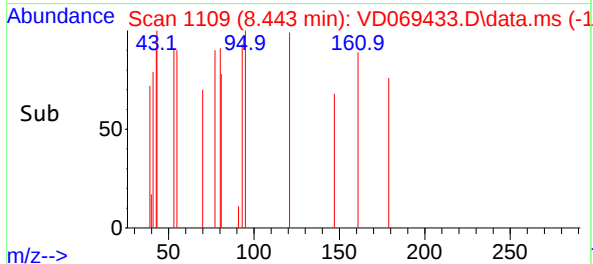
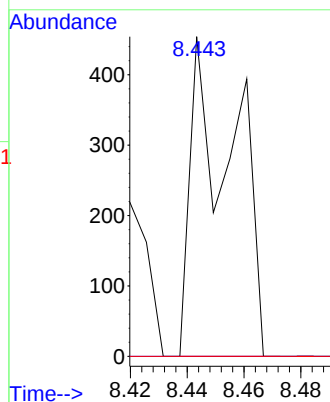
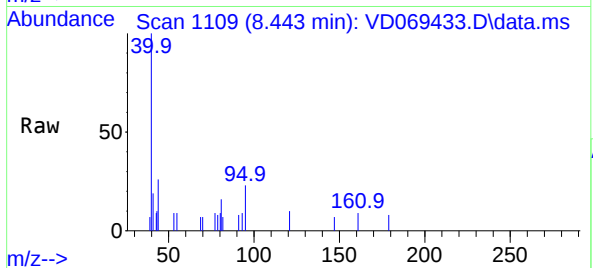




#43
Isopropyl Acetate
Concen: 3.08 ug/l
RT: 8.443 min Scan# 1109
Delta R.T. -0.007 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

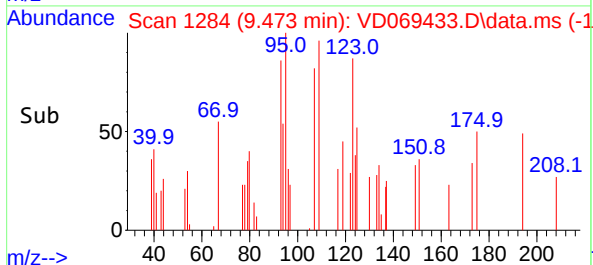
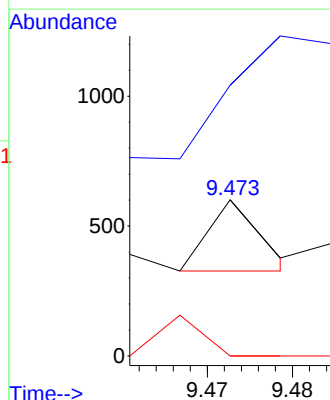
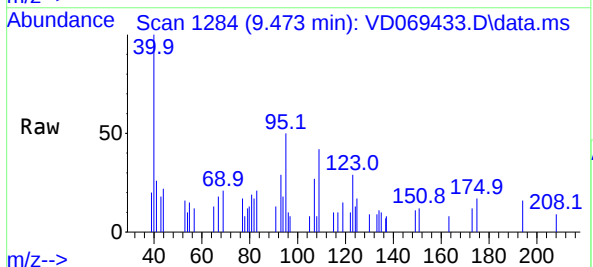
Instrument :
MSVOA_D
ClientSampled :

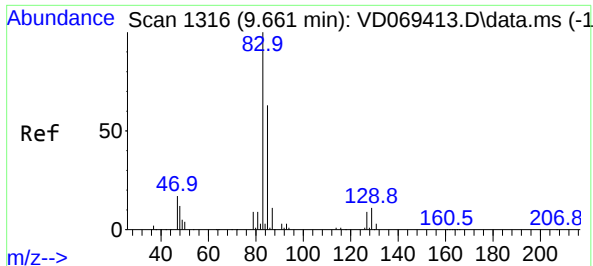
Tgt Ion: 43	Resp:	470
Ion	Ratio	Lower Upper
43	100	
61	0.0	29.0 43.6#
87	0.0	12.7 19.1#



#46
Dibromomethane
Concen: 1.16 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 93	Resp:	114
Ion	Ratio	Lower Upper
93	100	
95	1243.9	63.4 95.2#
174	0.0	74.5 111.7#

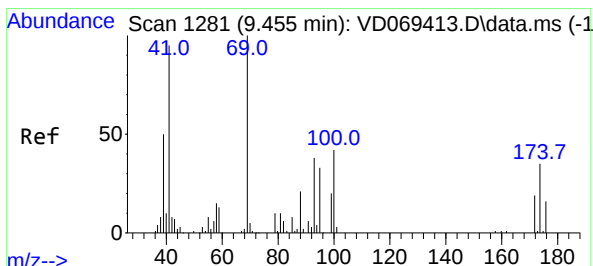
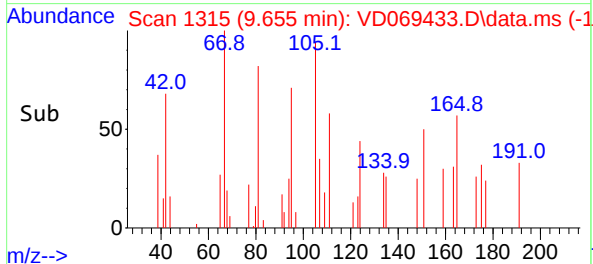
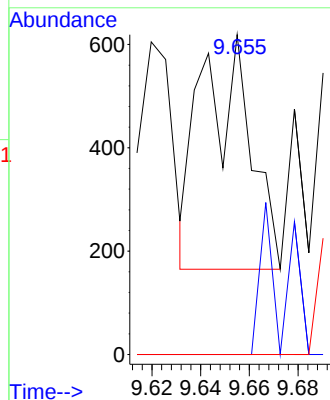
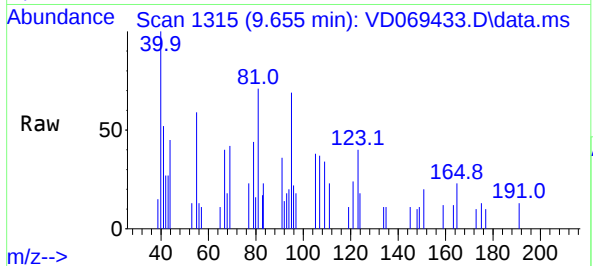




#47
Bromodichloromethane
Concen: 2.50 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

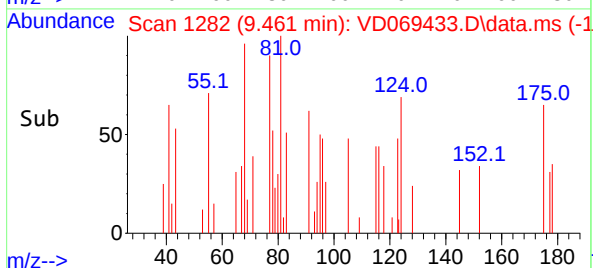
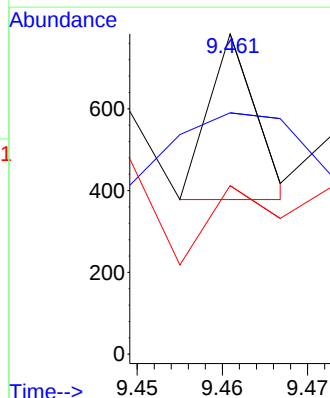
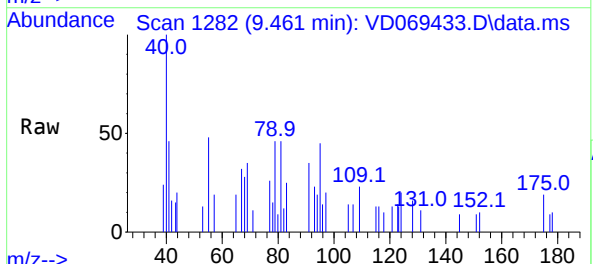
Instrument :
MSVOA_D
ClientSampleId :

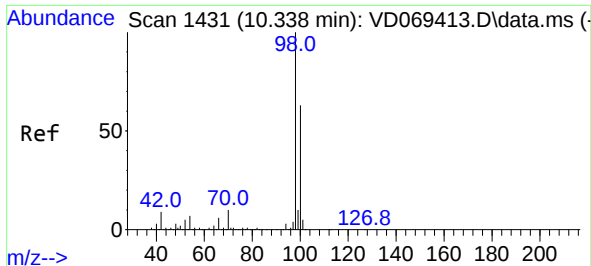
Tgt Ion:	83	Resp:	633
Ion	Ratio	Lower	Upper
83	100		
85	0.0	48.2	72.2#
127	0.0	7.1	10.7#



#48
Methyl methacrylate
Concen: 2.26 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:	41	Resp:	157
Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.6	116.4#
39	0.0	45.3	67.9#

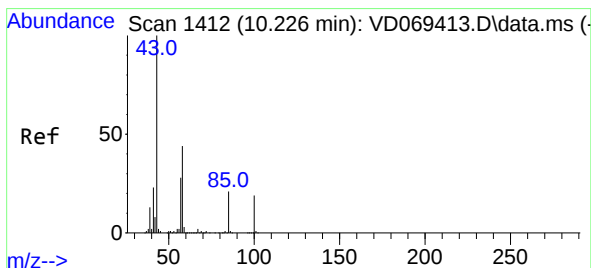
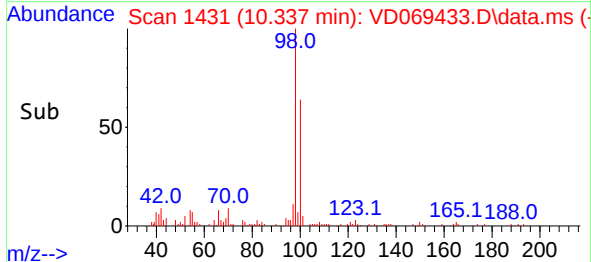
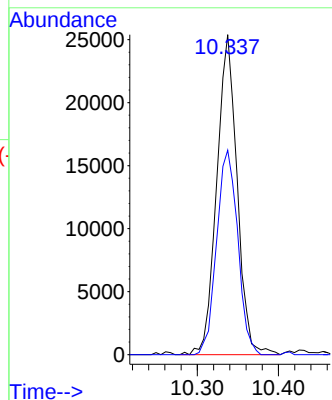
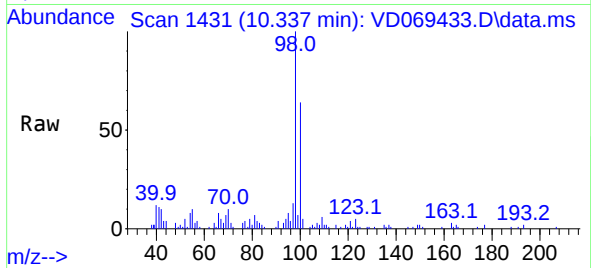




#50
Toluene-d8
Concen: 69.77 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.001 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

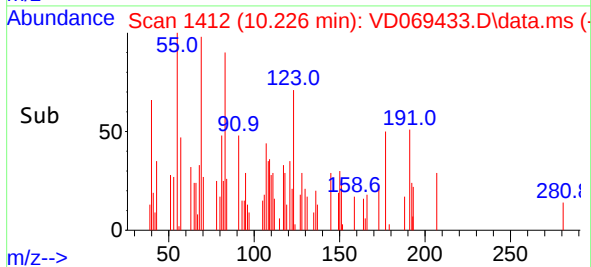
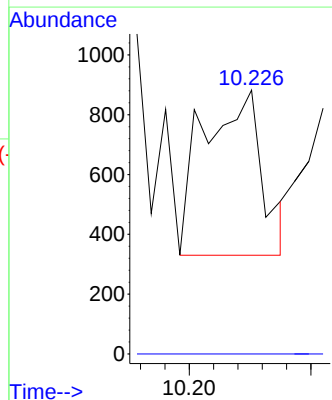
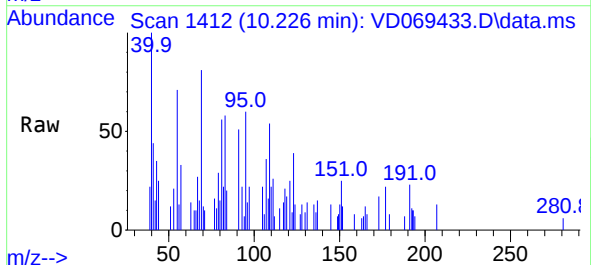
Instrument :
MSVOA_D
ClientSampled :

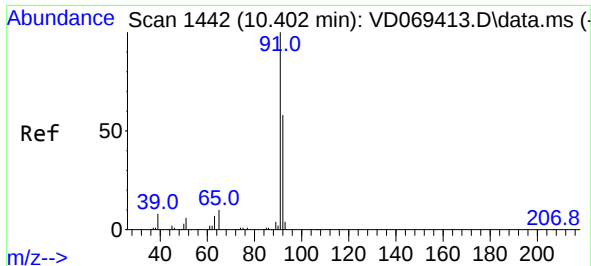
Tgt Ion: 98 Resp: 44343
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 11.80 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 43 Resp: 920
Ion Ratio Lower Upper
43 100
58 0.0 35.1 52.7#

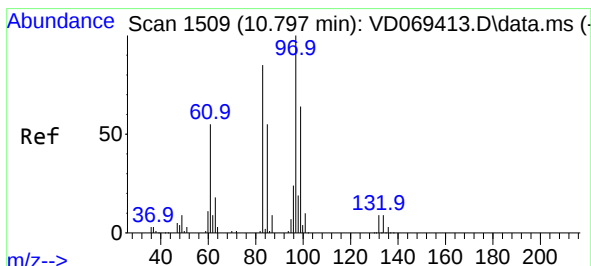
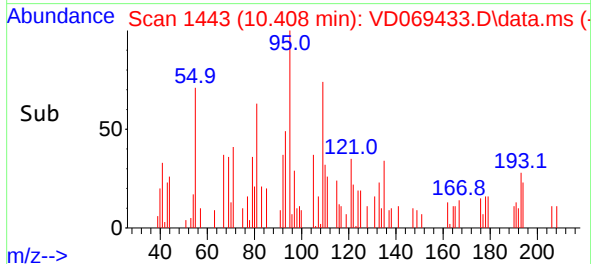
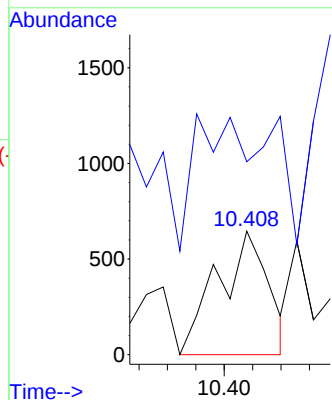
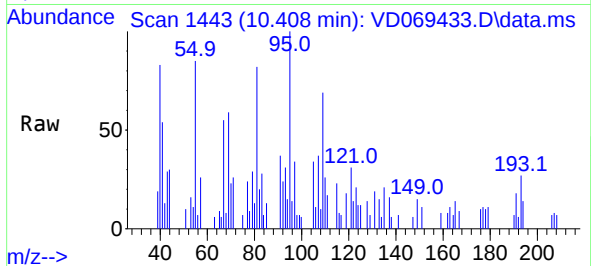




#52
Toluene
Concen: 1.79 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

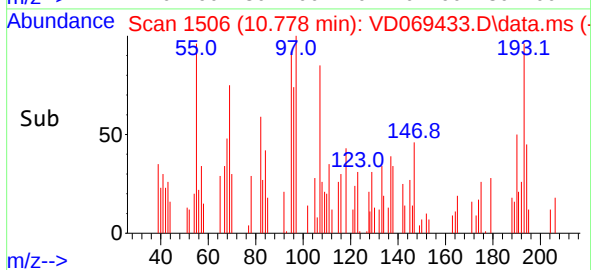
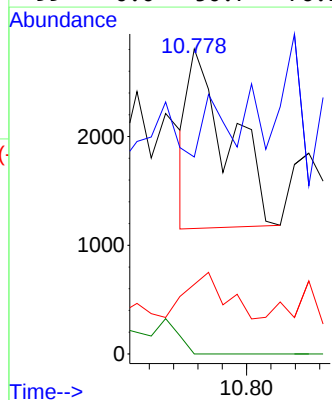
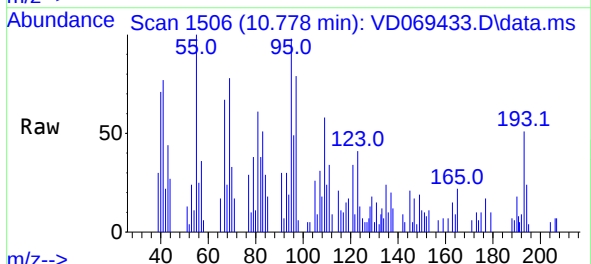
Instrument :
MSVOA_D
ClientSampled :

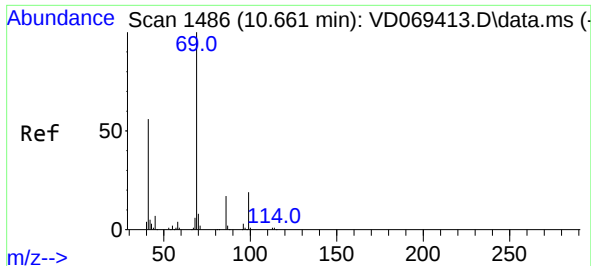
Tgt Ion: 92 Resp: 801
Ion Ratio Lower Upper
92 100
91 162.4 138.4 207.6



#55
1,1,2-Trichloroethane
Concen: 13.84 ug/l
RT: 10.778 min Scan# 1506
Delta R.T. -0.019 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 97 Resp: 1882
Ion Ratio Lower Upper
97 100
83 0.0 69.4 104.0#
85 10.0 44.5 66.7#
99 0.0 50.7 76.1#

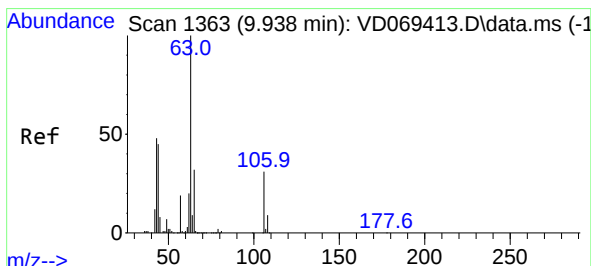
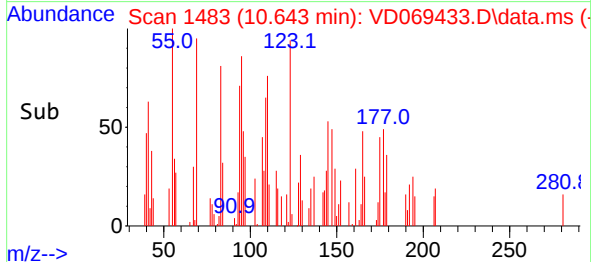
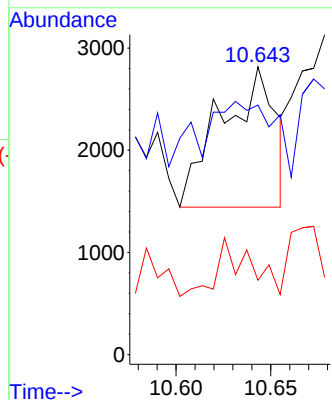
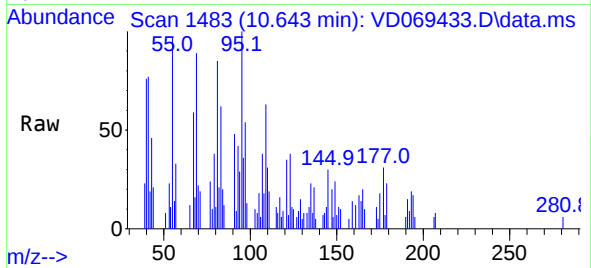




#56
Ethyl methacrylate
Concen: 19.41 ug/l
RT: 10.643 min Scan# 1483
Delta R.T. -0.018 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

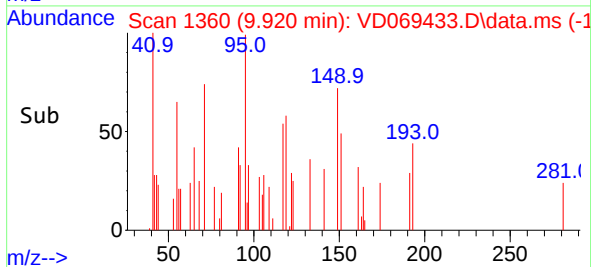
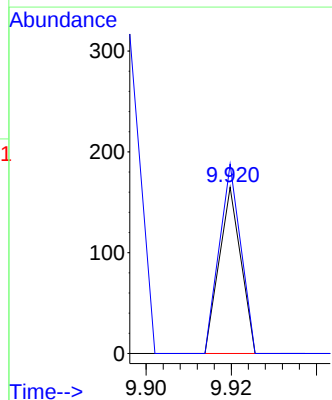
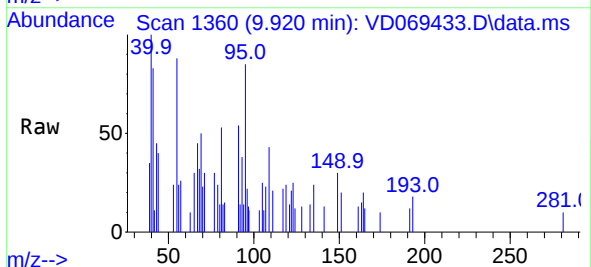
Instrument :
MSVOA_D
ClientSampled :

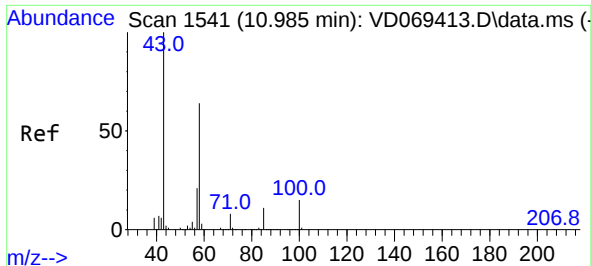
Tgt Ion: 69 Resp: 2729
Ion Ratio Lower Upper
69 100
41 58.0 45.4 68.2
39 22.7 21.7 32.5



#58
2-Chloroethyl Vinyl ether
Concen: 12.65 ug/l
RT: 9.920 min Scan# 1360
Delta R.T. -0.018 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 63 Resp: 58
Ion Ratio Lower Upper
63 100
106 113.8 24.8 37.2#

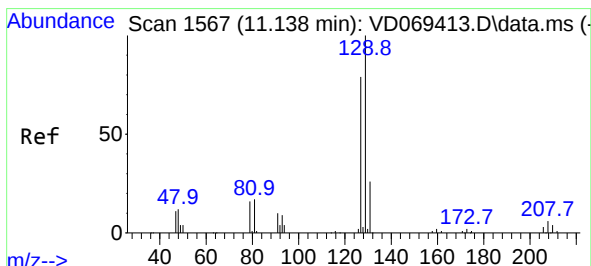
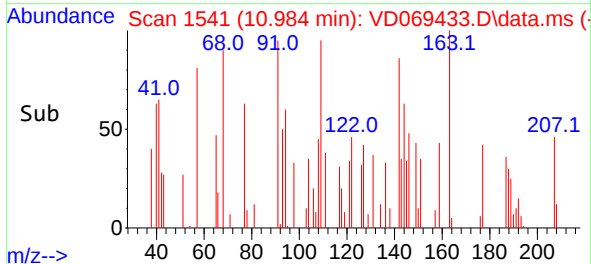
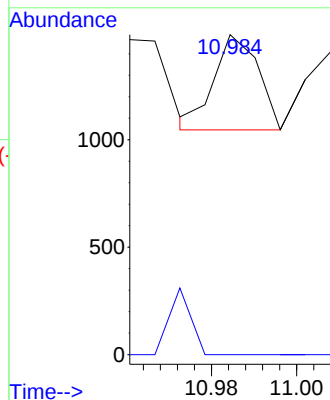
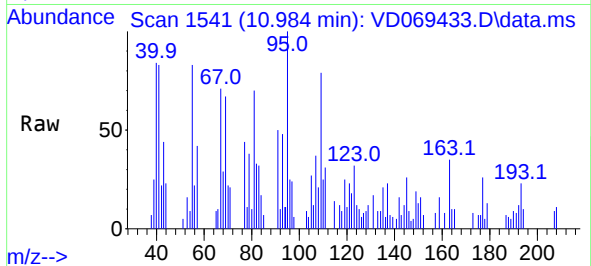




#59
2-Hexanone
Concen: 6.07 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. -0.001 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

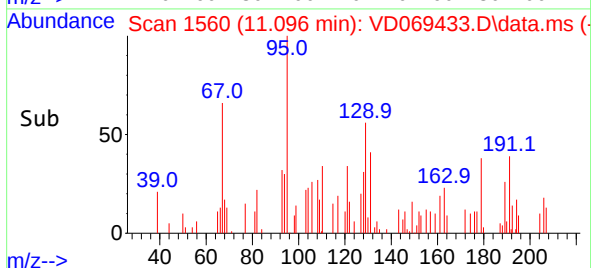
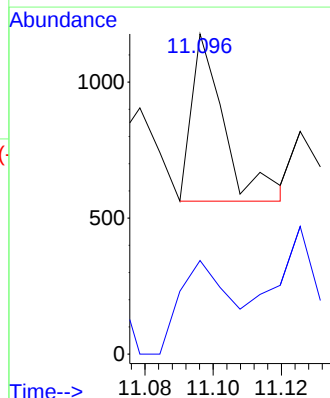
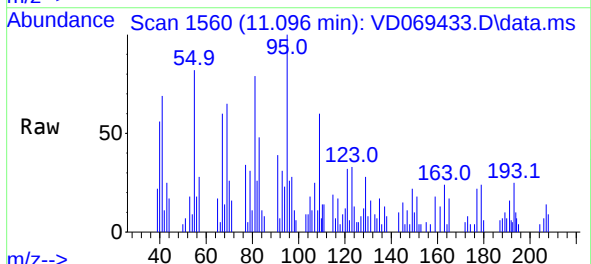
Instrument :
MSVOA_D
ClientSampled :

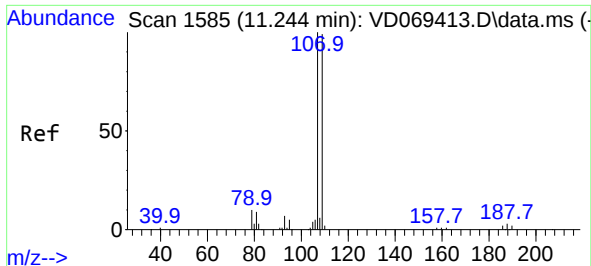
Tgt Ion: 43 Resp: 316
Ion Ratio Lower Upper
43 100
58 34.5 30.8 92.3



#60
Dibromochloromethane
Concen: 2.37 ug/l
RT: 11.096 min Scan# 1560
Delta R.T. -0.042 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:129 Resp: 410
Ion Ratio Lower Upper
129 100
127 84.6 39.6 118.7

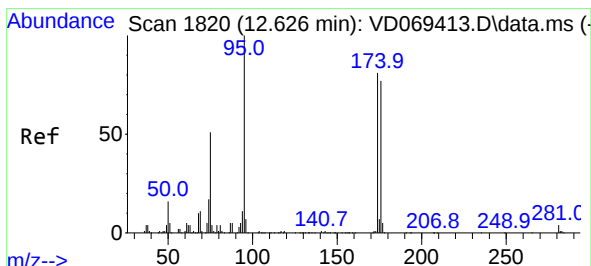
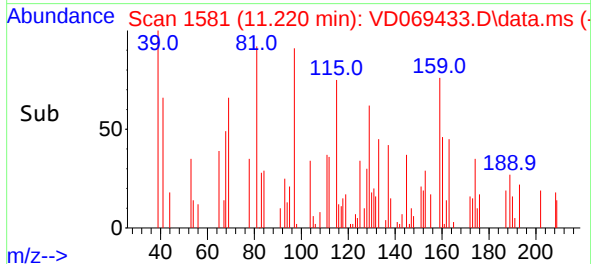
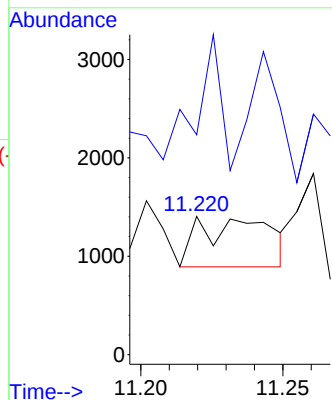
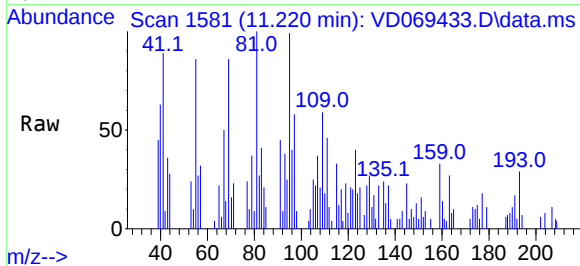




#61
1,2-Dibromoethane
Concen: 6.62 ug/l
RT: 11.220 min Scan# 1581
Delta R.T. -0.024 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

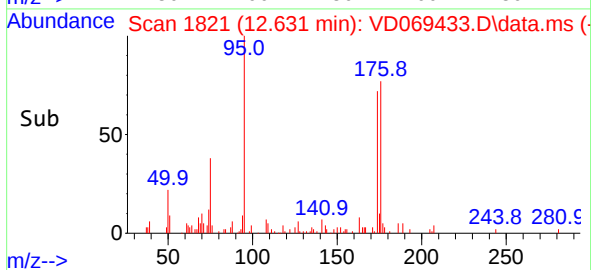
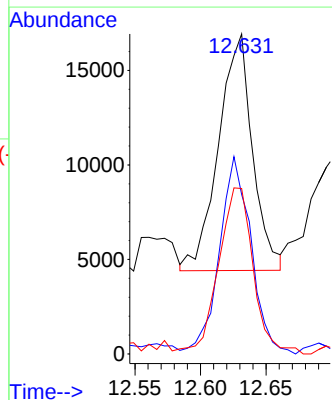
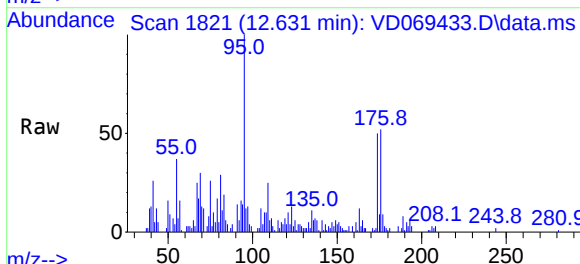
Instrument :
MSVOA_D
ClientSampleId :

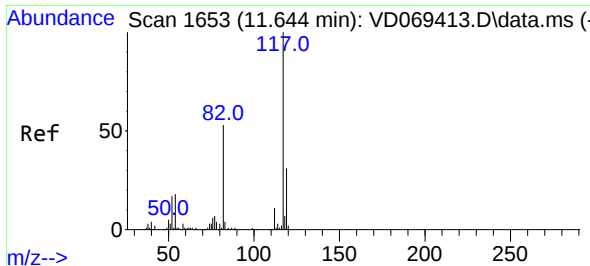
Tgt Ion:107 Resp: 865
Ion Ratio Lower Upper
107 100
109 96.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 110.65 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.005 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 95 Resp: 22565
Ion Ratio Lower Upper
95 100
174 77.7 0.0 162.8
176 71.4 0.0 154.4

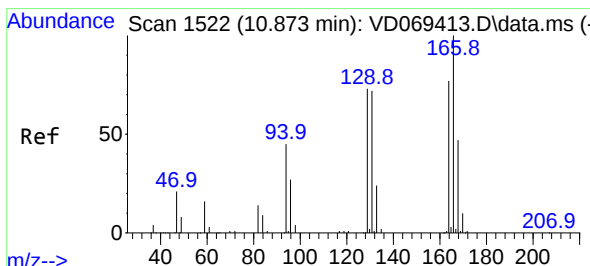
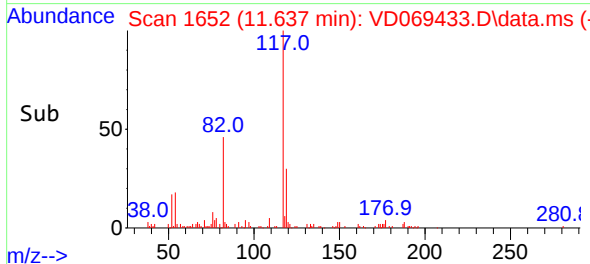
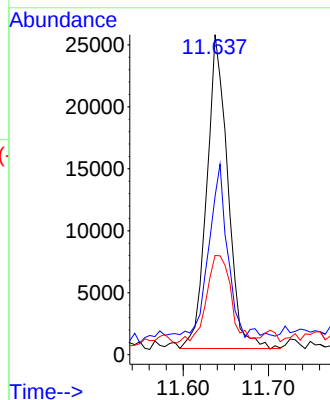
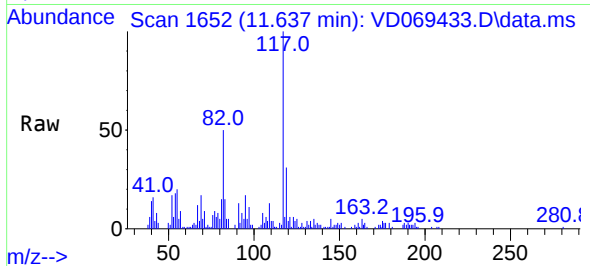




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.007 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

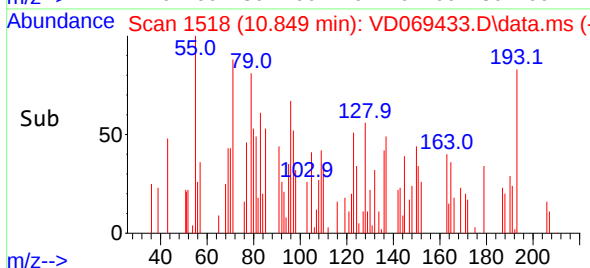
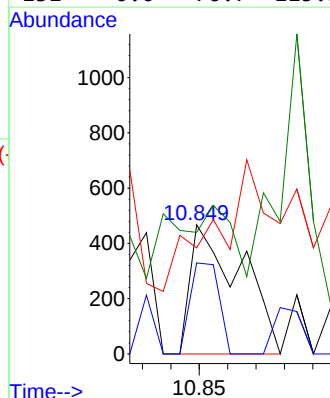
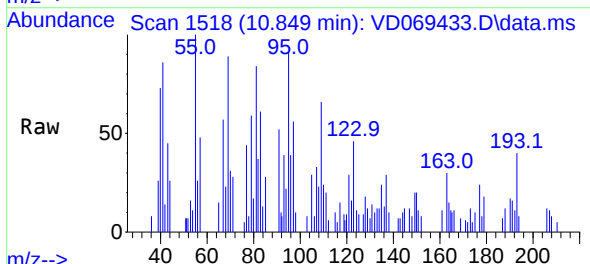
Instrument :
MSVOA_D
ClientSampleId :

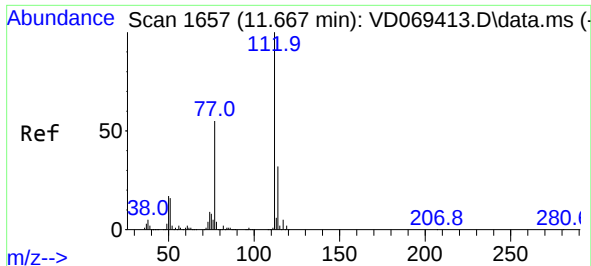
Tgt Ion:117	Resp:	43382
Ion Ratio	Lower	Upper
117	100	
82	44.1	43.3 64.9
119	27.5	25.3 37.9



#64
Tetrachloroethene
Concen: 1.73 ug/l
RT: 10.849 min Scan# 1518
Delta R.T. -0.024 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:164	Resp:	580
Ion Ratio	Lower	Upper
164	100	
166	70.4	100.2 150.4#
129	0.0	78.1 117.1#
131	0.0	76.7 115.1#

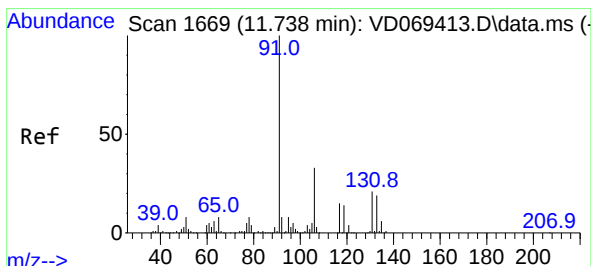
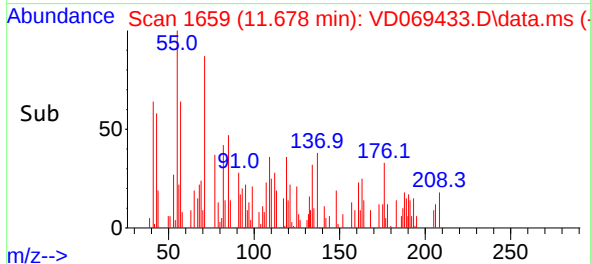
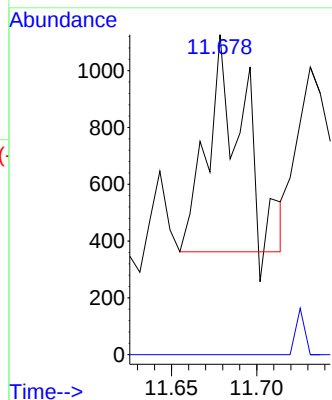
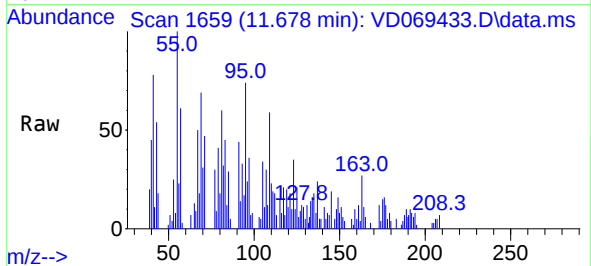




#65
Chlorobenzene
Concen: 1.19 ug/l
RT: 11.678 min Scan# 1659
Delta R.T. 0.011 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

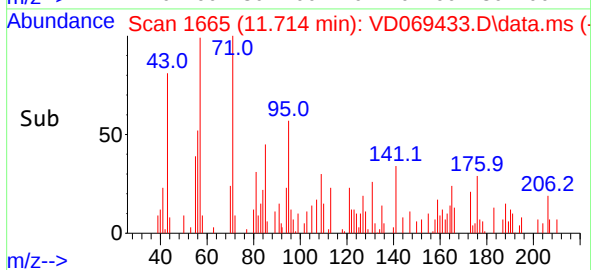
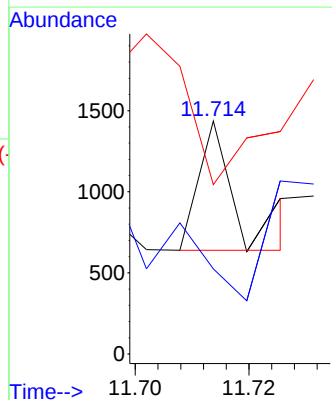
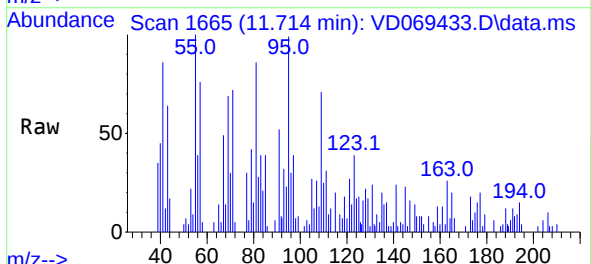
Instrument :
MSVOA_D
ClientSampled :

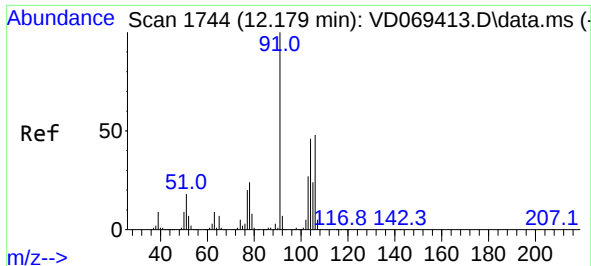
Tgt Ion:112 Resp: 1139
Ion Ratio Lower Upper
112 100
114 0.0 25.6 38.4#



#66
1,1,1,2-Tetrachloroethane
Concen: 1.07 ug/l
RT: 11.714 min Scan# 1665
Delta R.T. -0.024 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:131 Resp: 391
Ion Ratio Lower Upper
131 100
133 148.1 47.4 142.2#
119 0.0 32.8 98.3#

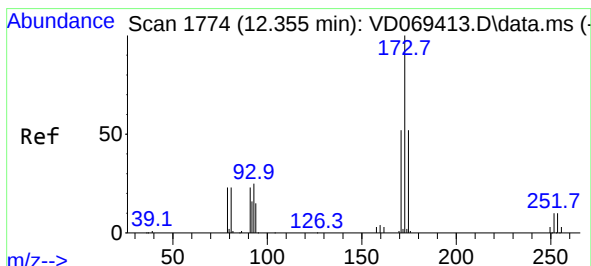
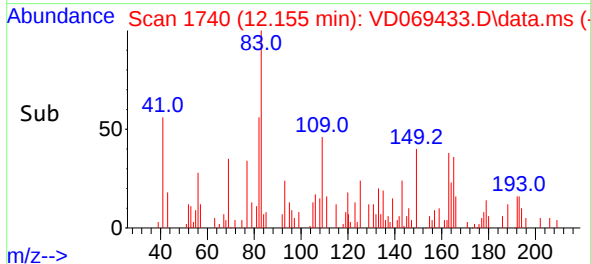
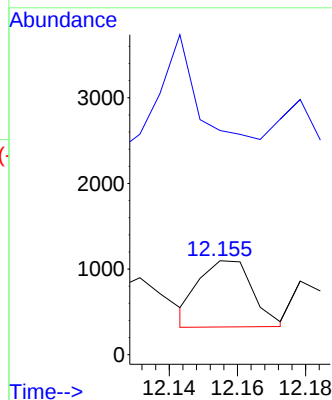
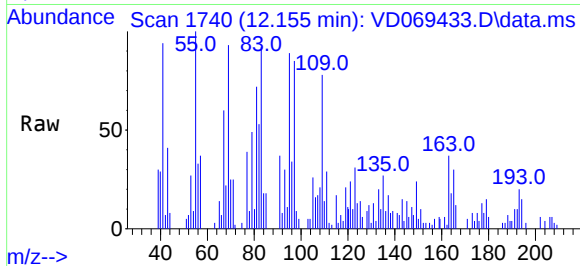




#69
o-Xylene
Concen: 1.50 ug/l
RT: 12.155 min Scan# 1740
Delta R.T. -0.024 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

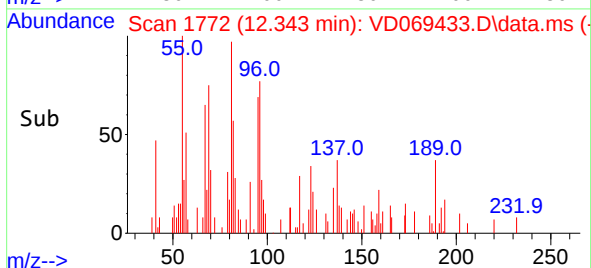
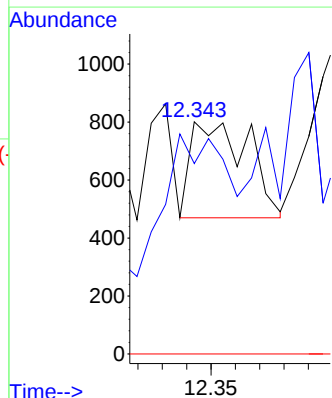
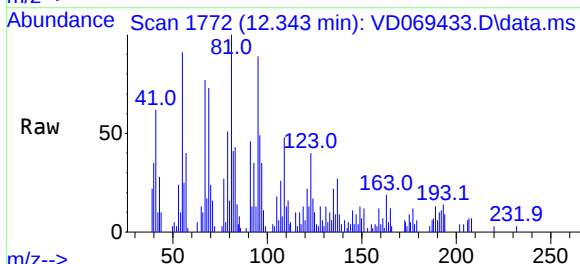
Instrument :
MSVOA_D
ClientSampled :

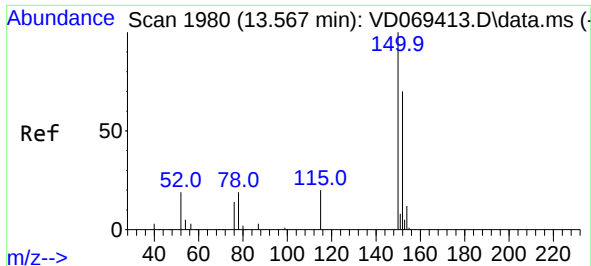
Tgt Ion:106 Resp: 842
Ion Ratio Lower Upper
106 100
91 136.3 105.5 316.4



#71
Bromoform
Concen: 2.87 ug/l
RT: 12.343 min Scan# 1772
Delta R.T. -0.012 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:173 Resp: 545
Ion Ratio Lower Upper
173 100
175 158.2 23.8 71.2#
254 0.0 0.0 0.0

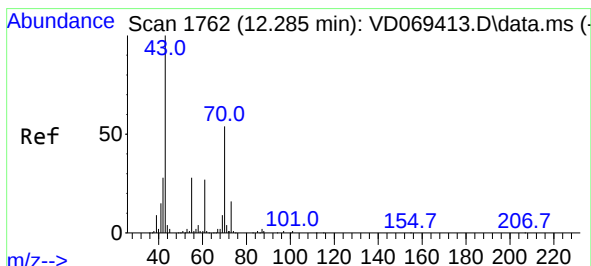
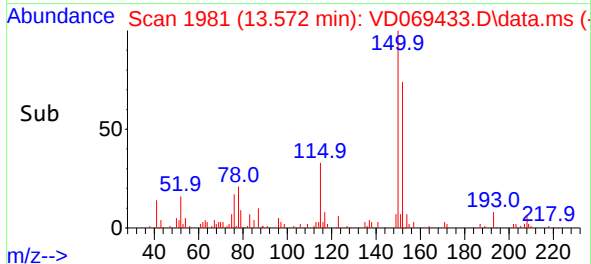
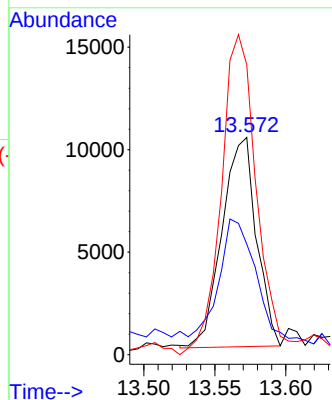
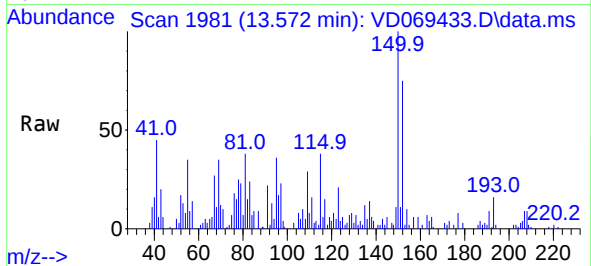




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. 0.005 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

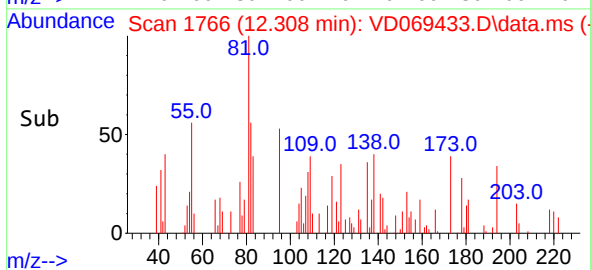
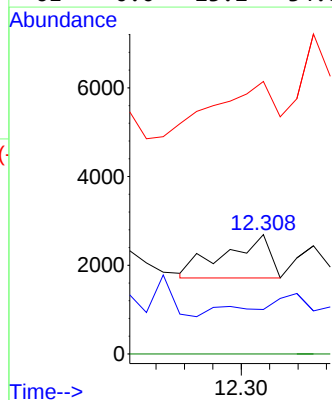
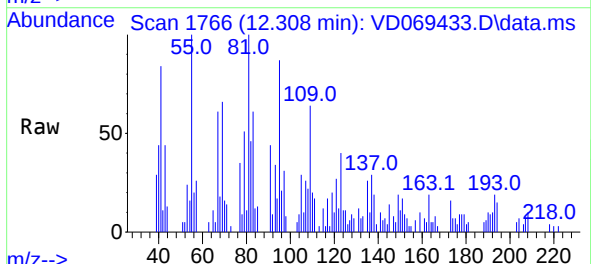
Instrument :
MSVOA_D
ClientSampled :

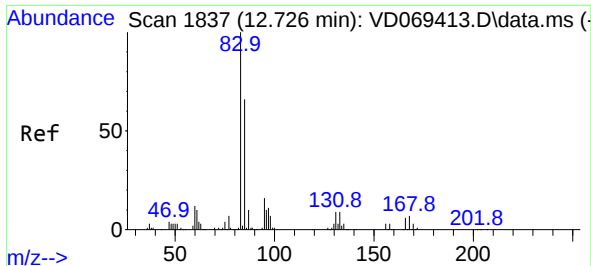
Tgt Ion:152 Resp: 17206
Ion Ratio Lower Upper
152 100
115 65.6 29.4 88.3
150 157.9 0.0 355.0



#74
N-ethyl acetate
Concen: 4.97 ug/l
RT: 12.308 min Scan# 1766
Delta R.T. 0.023 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
70 0.0 40.9 61.3#
55 164.3 23.4 35.0#
61 0.0 23.2 34.8#

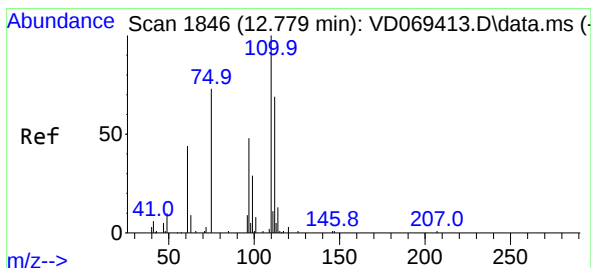
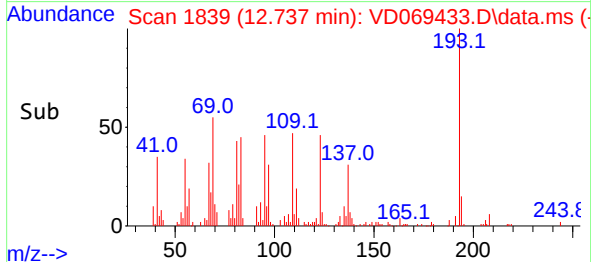
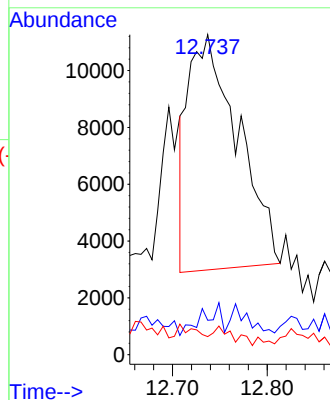
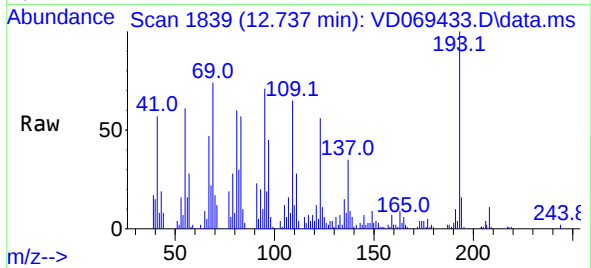




#75
1,1,2,2-Tetrachloroethane
Concen: 129.85 ug/l
RT: 12.737 min Scan# 1839
Delta R.T. 0.011 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

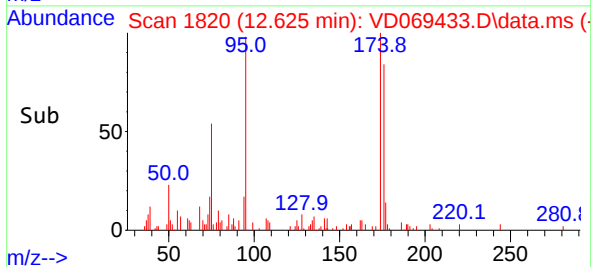
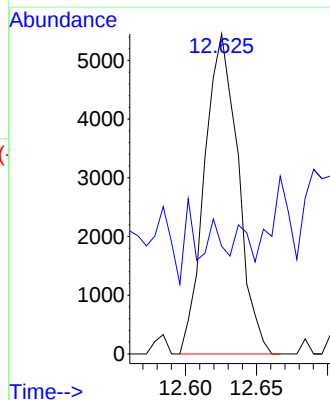
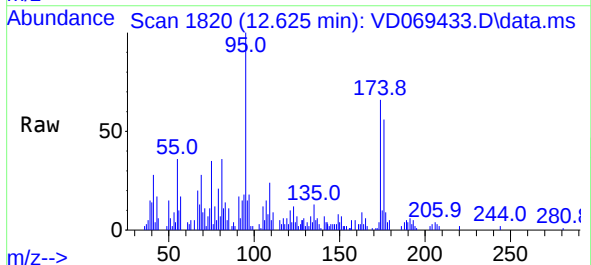
Instrument :
MSVOA_D
ClientSampled :

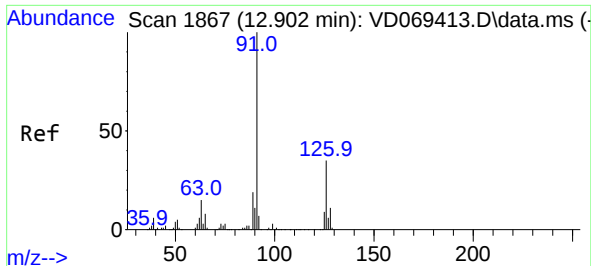
Tgt Ion: 83 Resp: 30158
Ion Ratio Lower Upper
83 100
131 4.4 5.3 16.1#
85 0.0 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 51.18 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. -0.154 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 75 Resp: 8928
Ion Ratio Lower Upper
75 100
77 3.2 183.8 551.2#

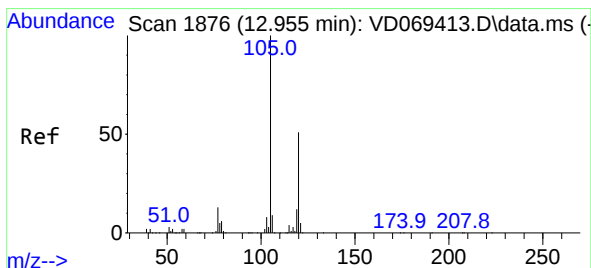
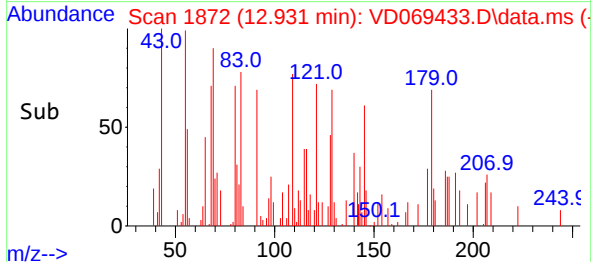
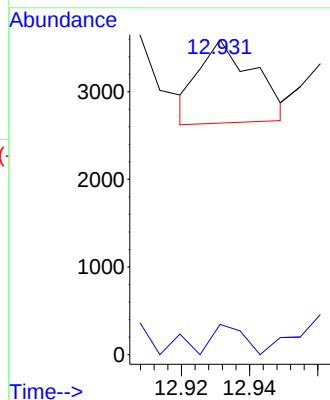
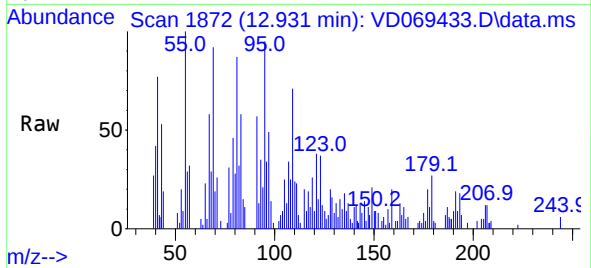




#79
2-Chlorotoluene
Concen: 1.25 ug/l
RT: 12.931 min Scan# 1872
Delta R.T. 0.029 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

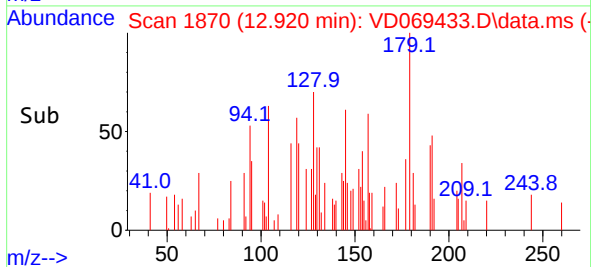
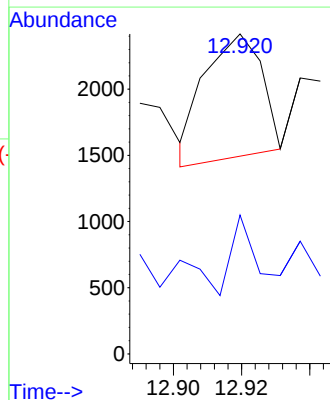
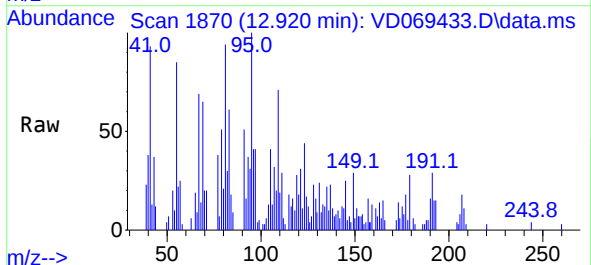
Instrument :
MSVOA_D
ClientSampled :

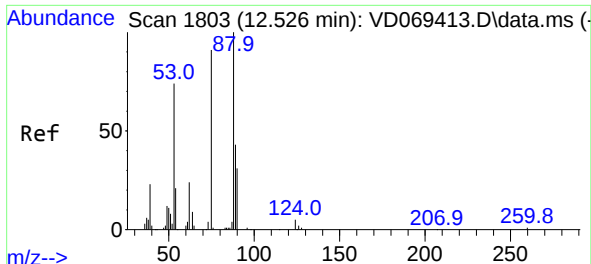
Tgt Ion: 91 Resp: 1057
Ion Ratio Lower Upper
91 100
126 20.6 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 1.08 ug/l
RT: 12.920 min Scan# 1870
Delta R.T. -0.035 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 105 Resp: 1099
Ion Ratio Lower Upper
105 100
120 35.7 24.9 74.7

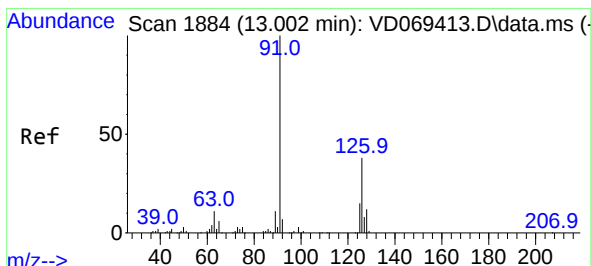
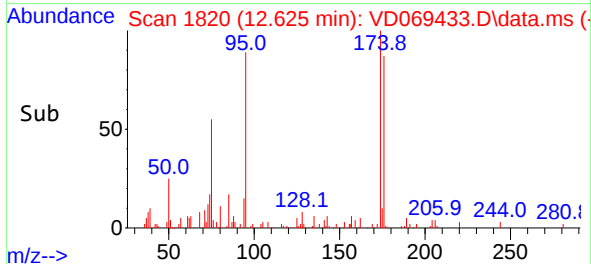
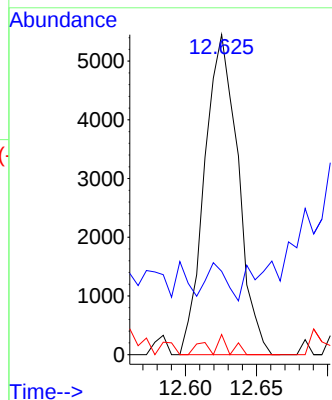
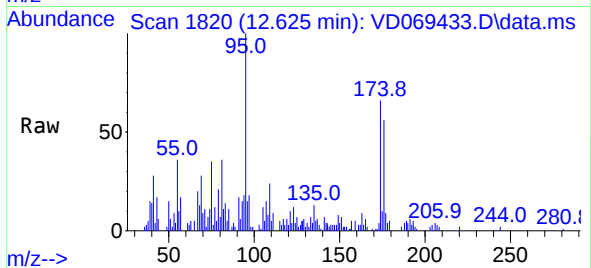




#81
trans-1,4-Dichloro-2-butene
Concen: 136.54 ug/l
RT: 12.625 min Scan# 1820
Delta R.T. 0.099 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

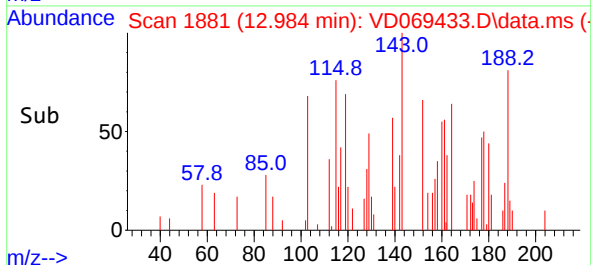
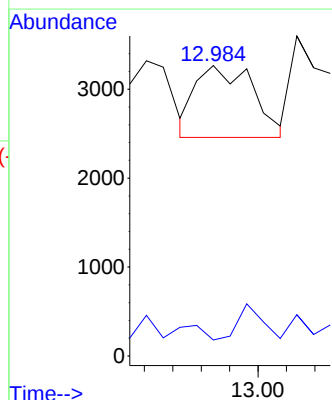
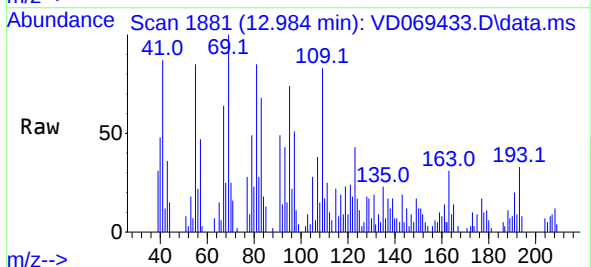
Instrument :
MSVOA_D
ClientSampleId :

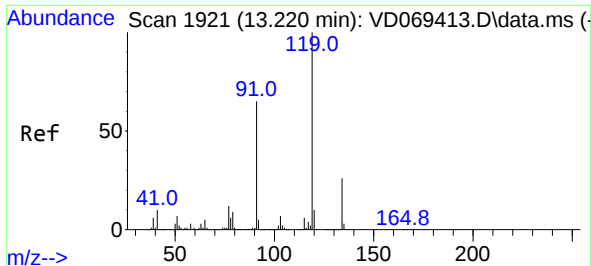
Tgt Ion: 75 Resp: 8928
Ion Ratio Lower Upper
75 100
53 6.8 62.6 94.0#
89 2.2 35.6 53.4#



#82
4-Chlorotoluene
Concen: 1.26 ug/l
RT: 12.984 min Scan# 1881
Delta R.T. -0.018 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 91 Resp: 1136
Ion Ratio Lower Upper
91 100
126 20.8 17.4 52.2



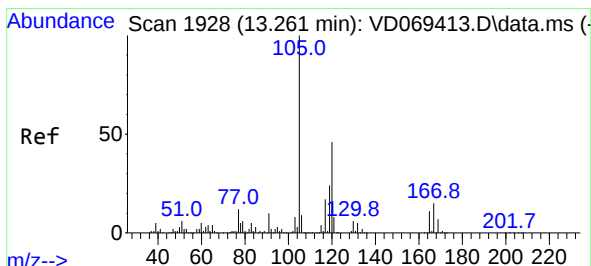
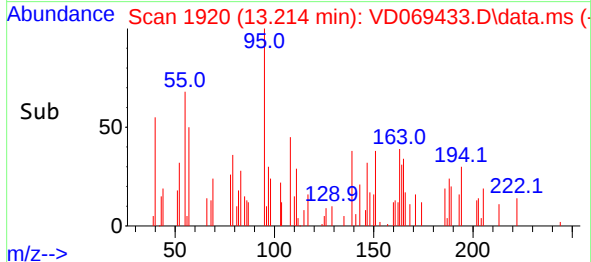
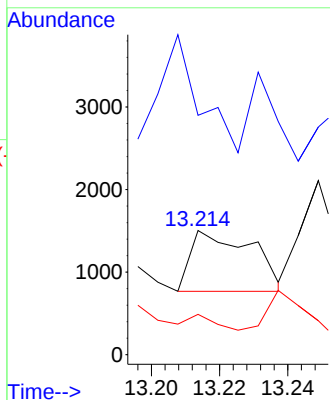
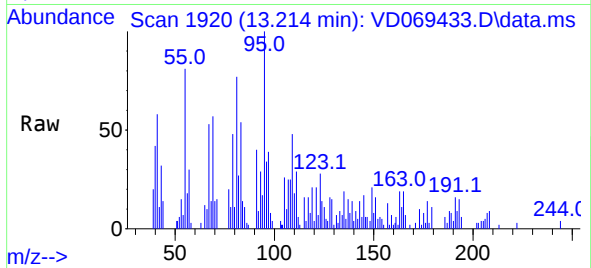


#83
tert-Butylbenzene
Concen: 1.05 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 908

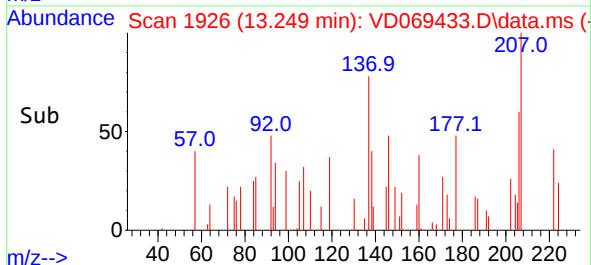
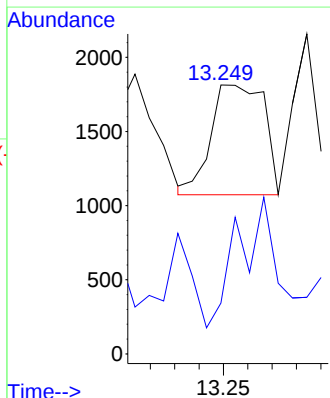
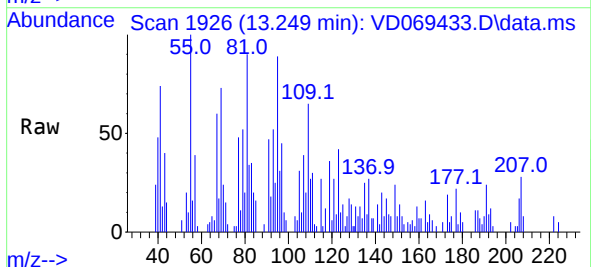
Ion	Ratio	Lower	Upper
119	100		
91	122.9	31.7	95.1#
134	0.0	13.4	40.1#

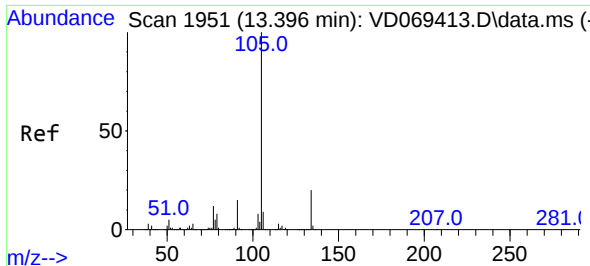


#84
1,2,4-Trimethylbenzene
Concen: 1.10 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.012 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:105 Resp: 1123

Ion	Ratio	Lower	Upper
105	100		
120	42.7	22.6	67.8

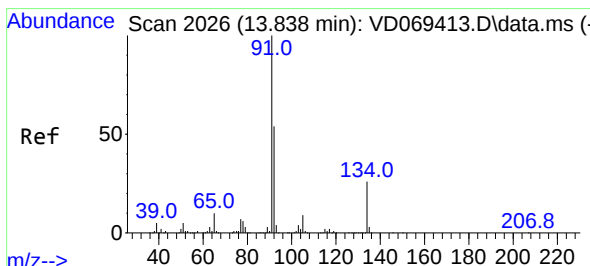
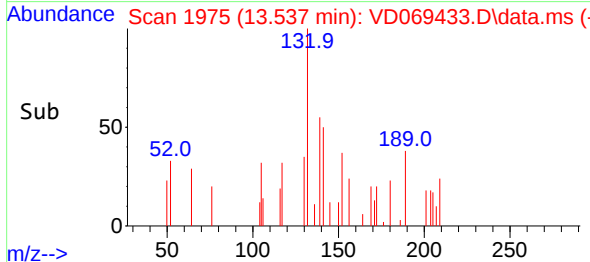
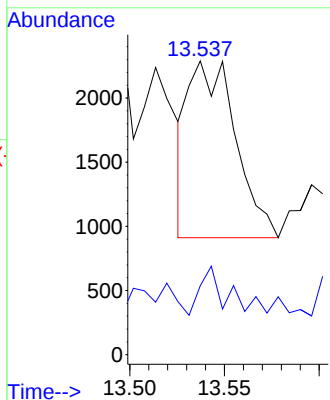
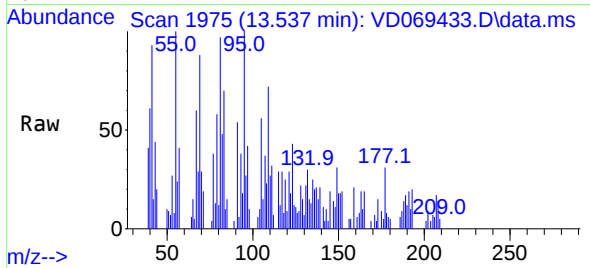




#85
sec-Butylbenzene
Concen: 1.88 ug/l
RT: 13.537 min Scan# 1975
Delta R.T. 0.141 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

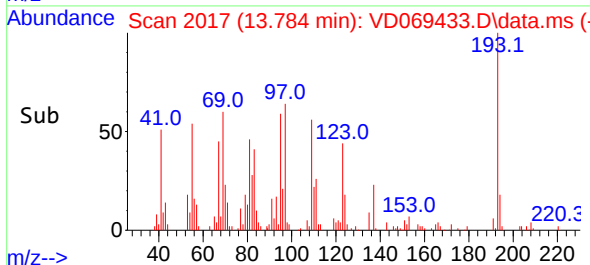
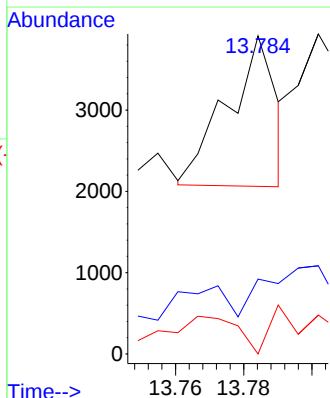
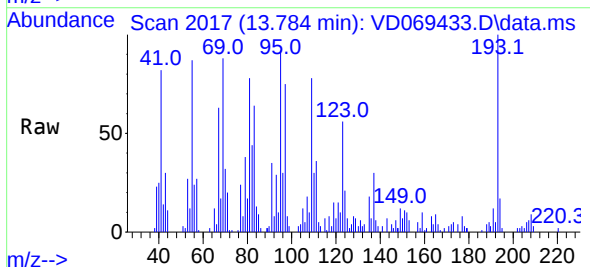
Instrument :
MSVOA_D
ClientSampleId :

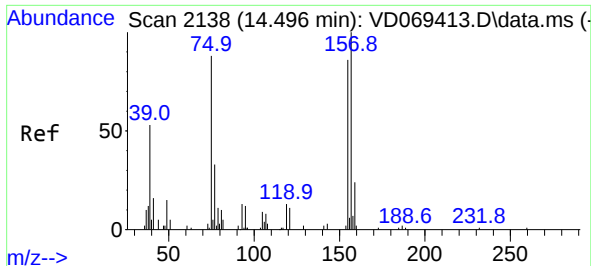
Tgt Ion:105 Resp: 2402
Ion Ratio Lower Upper
105 100
134 15.9 10.1 30.3



#89
n-Butylbenzene
Concen: 1.78 ug/l
RT: 13.784 min Scan# 2017
Delta R.T. -0.054 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion: 91 Resp: 1840
Ion Ratio Lower Upper
91 100
92 64.1 26.4 79.2
134 31.3 13.0 38.9

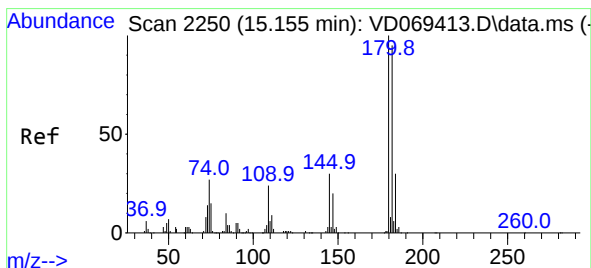
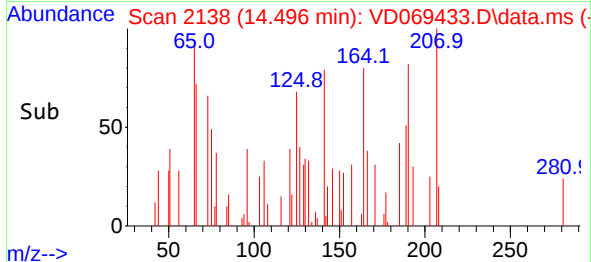
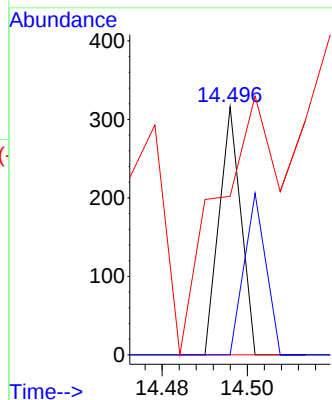
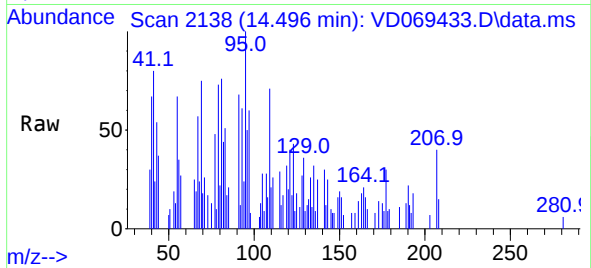




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.20 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

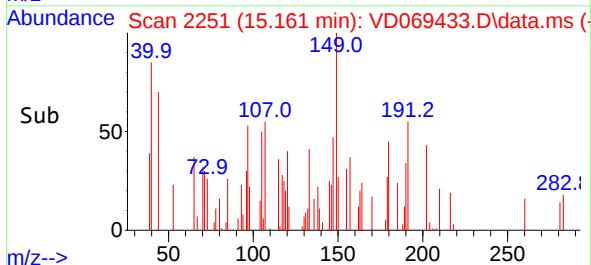
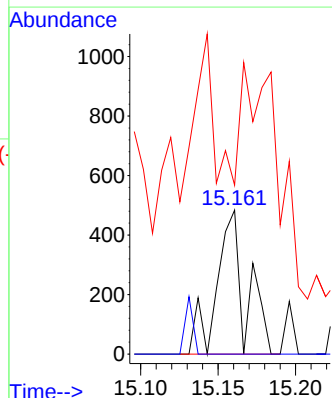
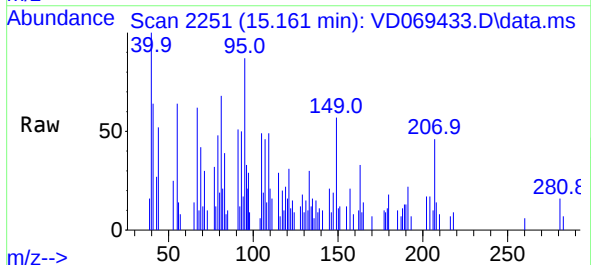
Instrument :
MSVOA_D
ClientSampled :

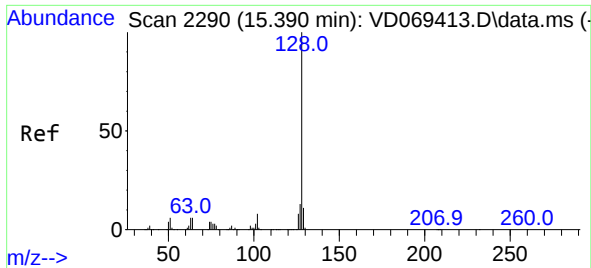
Tgt Ion:	75	Resp:	112
Ion	Ratio	Lower	Upper
75	100		
155	65.2	42.1	126.4
157	0.0	54.4	163.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.03 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.006 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Tgt Ion:	180	Resp:	625
Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.3	141.8#
145	204.3	15.2	45.5#





#95
Naphthalene
Concen: 4.07 ug/l
RT: 15.361 min Scan# 2285
Delta R.T. -0.029 min
Lab File: VD069433.D
Acq: 14 Jun 2021 18:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	319
Ion	Ratio	Lower	Upper
128	100		
127	137.3	10.4	15.6#
129	254.5	8.8	13.2#

