

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072621\
 Data File : VD069846.D
 Acq On : 26 Jul 2021 14:29
 Operator : VA/SY
 Sample : M3159-01
 Misc : 5.05G/5.00ml/MSVOA_D/soil
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210729-34

Quant Time: Jul 27 05:11:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	3857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	6447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	4657	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2213	49.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.780%
35) Dibromofluoromethane	7.920	113	1461	35.948	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.900%
50) Toluene-d8	10.338	98	7267	46.371	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.740%
62) 4-Bromofluorobenzene	12.620	95	1219	23.275	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	46.540%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.991	85	321	7.907	ug/l #	42
3) Chloromethane	2.203	50	153	2.598	ug/l #	43
4) Vinyl Chloride	2.356	62	77	1.243	ug/l #	43
6) Chloroethane	2.938	64	74	1.843	ug/l #	40
12) 1,1-Dichloroethene	4.061	96	84	1.903	ug/l #	1
14) Allyl chloride	4.714	41	80	1.236	ug/l #	26
16) Acetone	4.173	43	60	7.488	ug/l #	38
17) Carbon Disulfide	4.414	76	329	2.085	ug/l #	75
18) Methyl Acetate	4.761	43	92	3.957	ug/l #	48
20) Methylene Chloride	4.956	84	87	Below Cal	#	9
21) trans-1,2-Dichloroethene	5.461	96	105	2.019	ug/l #	1
23) Vinyl Acetate	6.326	43	155	22.190	ug/l #	71
25) 2-Butanone	7.032	43	57	5.245	ug/l #	46
27) cis-1,2-Dichloroethene	7.197	96	137	2.469	ug/l #	17
29) Tetrahydrofuran	7.444	42	57	8.107	ug/l #	32
31) Cyclohexane	7.985	56	181	2.088	ug/l #	9
32) 1,1,1-Trichloroethane	7.914	97	149	1.844	ug/l #	24
36) 1,1-Dichloropropene	8.097	75	99	1.423	ug/l #	42
37) Ethyl Acetate	7.450	43	61	2.408	ug/l #	67
38) Carbon Tetrachloride	7.973	117	151	2.376	ug/l #	12
40) Benzene	8.350	78	893	4.430	ug/l #	51
43) Isopropyl Acetate	8.620	43	59	1.299	ug/l #	47
48) Methyl methacrylate	9.349	41	65	5.287	ug/l #	1
52) Toluene	10.391	92	224	1.832	ug/l #	12
55) 1,1,2-Trichloroethane	10.526	97	76	2.068	ug/l #	15
59) 2-Hexanone	11.073	43	58	3.709	ug/l #	21
64) Tetrachloroethene	10.867	164	134	4.514	ug/l #	52
65) Chlorobenzene	11.667	112	343	3.555	ug/l #	42
67) Ethyl Benzene	11.732	91	728	4.286	ug/l #	44
68) m/p-Xylenes	11.843	106	282	4.282	ug/l	92
73) Isopropylbenzene	12.473	105	176	3.780	ug/l #	49
74) N-ethyl acetate	12.249	43	143	14.932	ug/l #	39
76) 1,2,3-Trichloropropane	12.755	75	67	9.727	ug/l #	1
78) n-propylbenzene	12.808	91	864	14.448	ug/l #	70
79) 2-Chlorotoluene	12.908	91	223	6.420	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.955	105	214	5.373	ug/l #	29

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 20210729-34

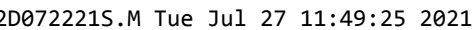
Quant Time: Jul 27 05:11:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

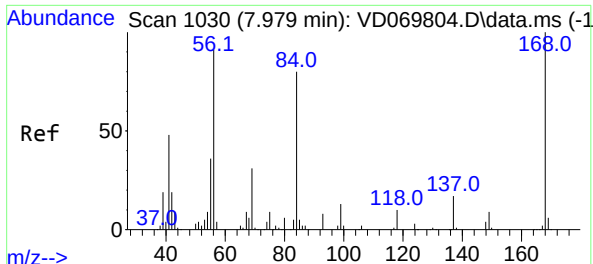
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.620	75	330	145.350	ug/l #	16
82) 4-Chlorotoluene	13.002	91	320	8.812	ug/l #	43
83) tert-Butylbenzene	13.208	119	145	4.478	ug/l #	25
84) 1,2,4-Trimethylbenzene	13.255	105	280	7.126	ug/l #	31
85) sec-Butylbenzene	13.390	105	448	8.751	ug/l #	58
86) p-Isopropyltoluene	13.508	119	317	7.622	ug/l	96
89) n-Butylbenzene	13.832	91	221	5.384	ug/l #	40
91) 1,2-Dichlorobenzene	14.096	146	56	2.947	ug/l #	25
95) Naphthalene	15.384	128	148	11.288	ug/l #	69

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

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QLast Update : Fri Jul 23 04:51:13 2021
Response via : Initial Calibration

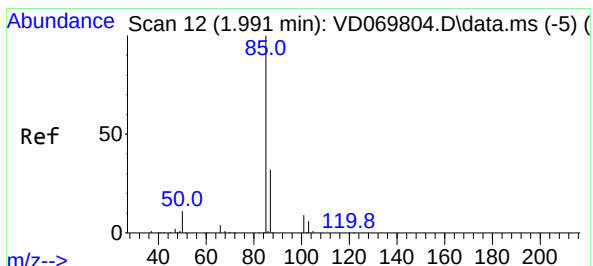
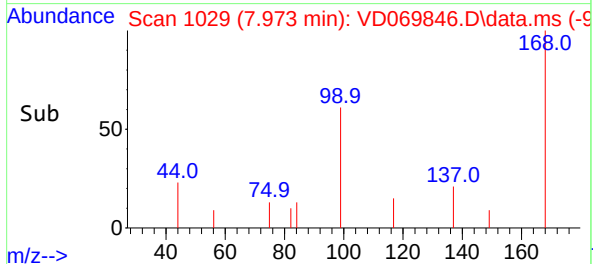
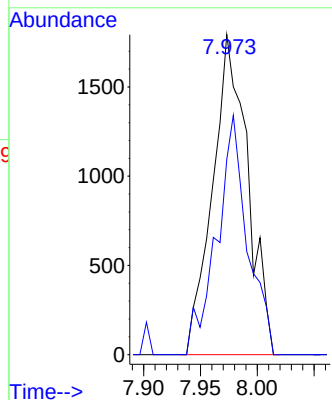
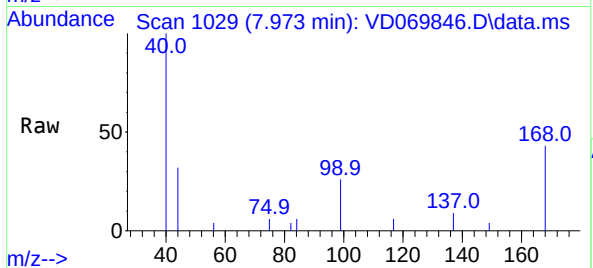




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

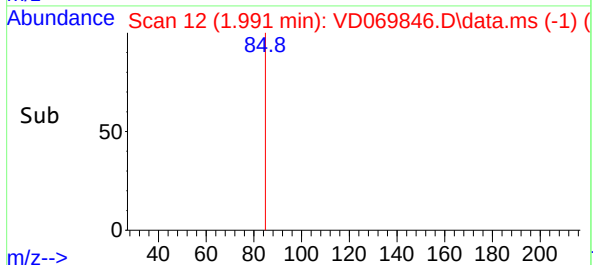
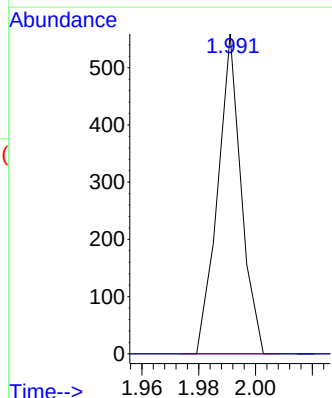
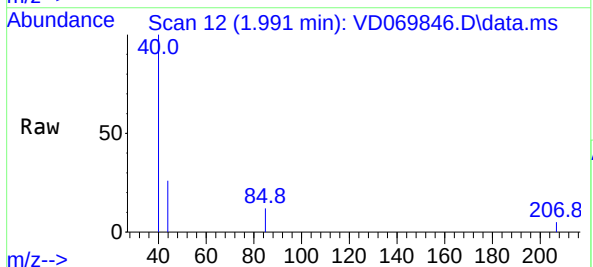
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

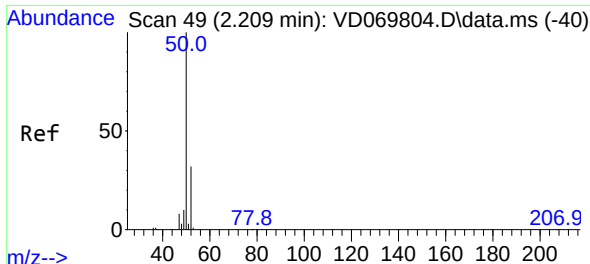
Tgt Ion:168 Resp: 3857
Ion Ratio Lower Upper
168 100
99 61.0 51.1 76.7



#2
Dichlorodifluoromethane
Concen: 7.907 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 85 Resp: 321
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.3#

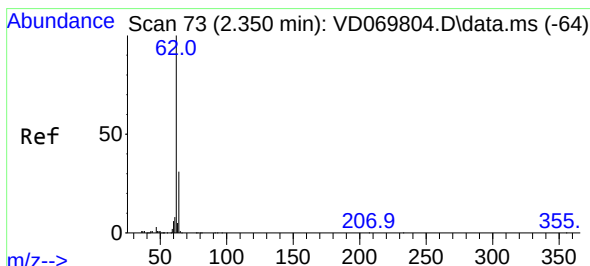
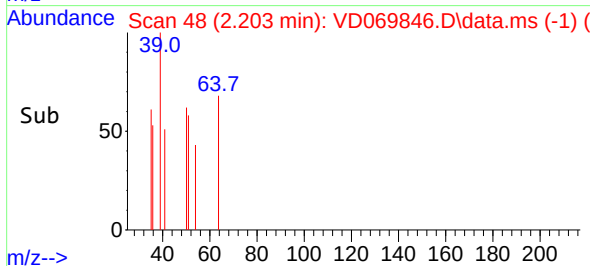
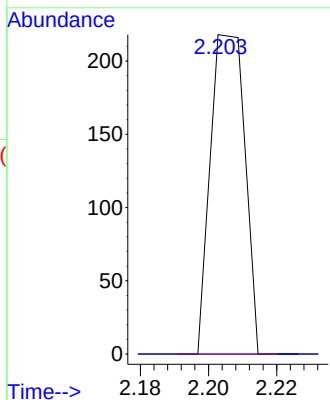
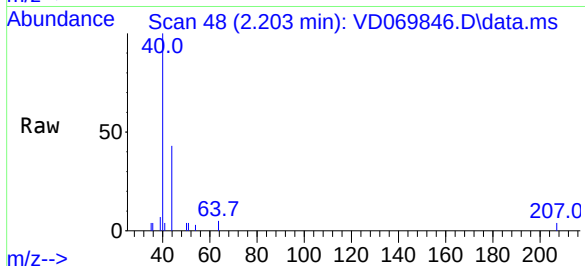




#3
Chloromethane
Concen: 2.598 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

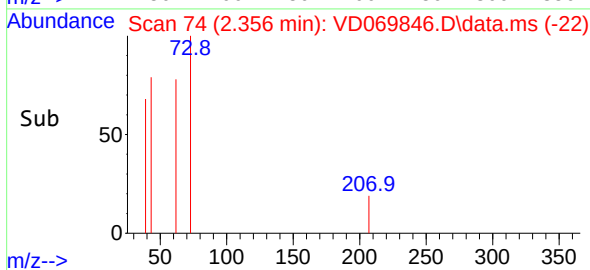
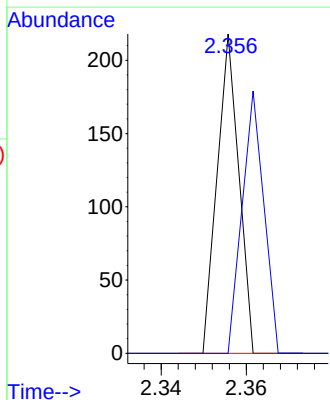
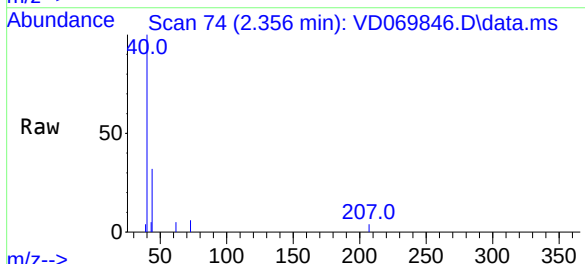
Instrument :
MSVOA_D
ClientSampled :
20210729-34

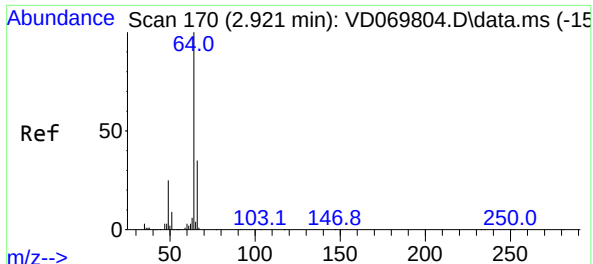
Tgt Ion: 50 Resp: 153
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#



#4
Vinyl Chloride
Concen: 1.243 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 62 Resp: 77
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.4#

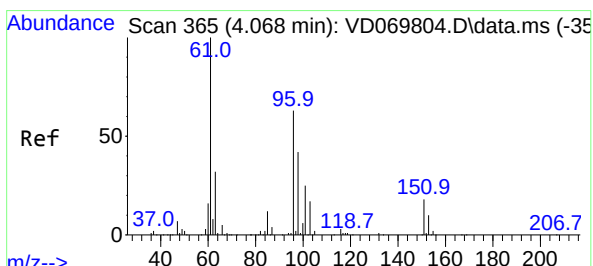
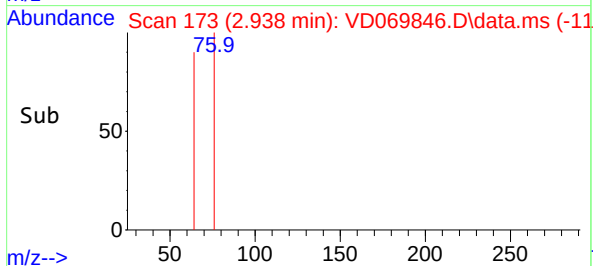
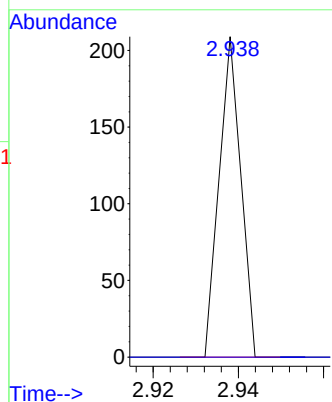
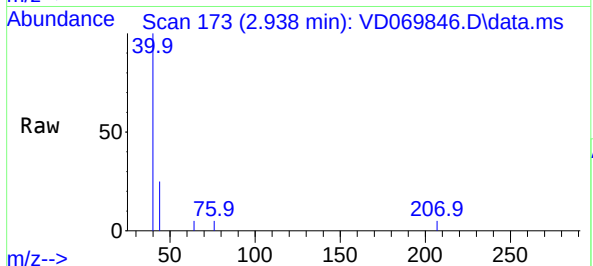




#6
Chloroethane
Concen: 1.843 ug/l
RT: 2.938 min Scan# 173
Delta R.T. 0.017 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

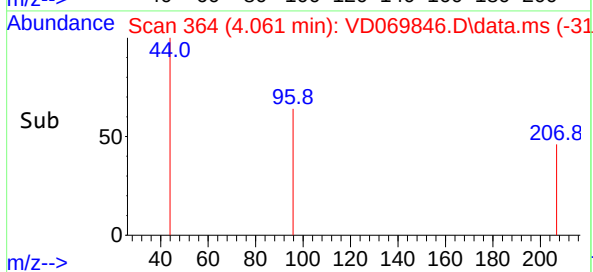
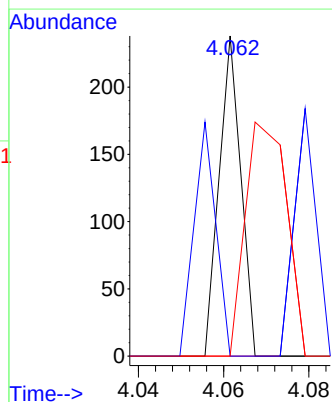
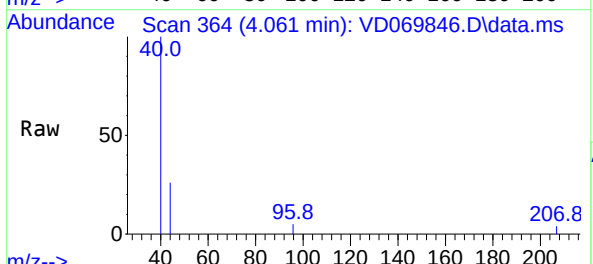
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

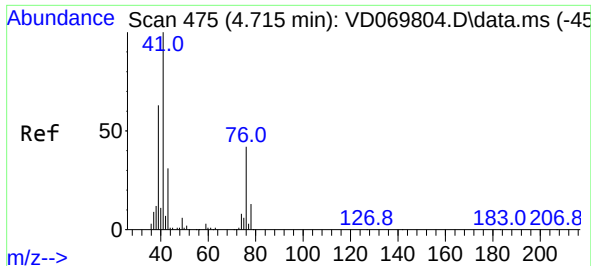
Tgt Ion: 64 Resp: 74
Ion Ratio Lower Upper
64 100
66 0.0 27.8 41.6#



#12
1,1-Dichloroethene
Concen: 1.903 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 96 Resp: 84
Ion Ratio Lower Upper
96 100
61 0.0 126.9 190.3#
98 0.0 53.2 79.8#

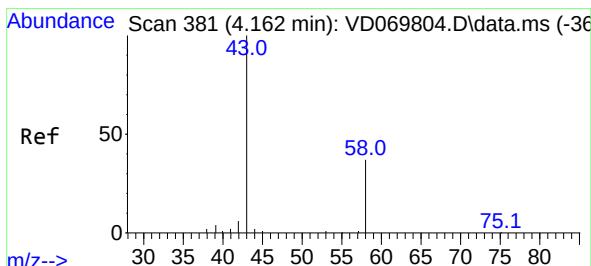
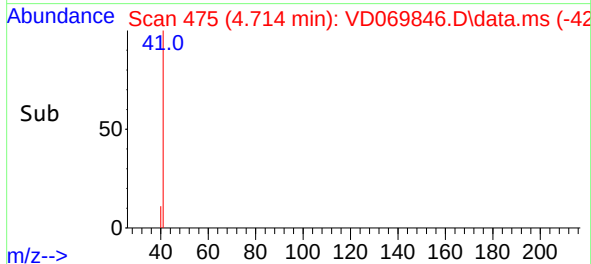
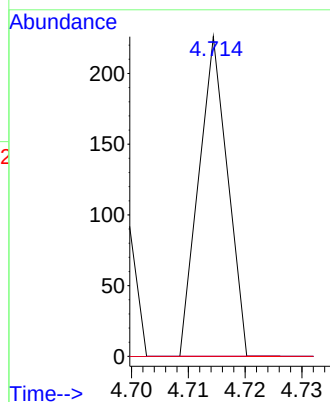
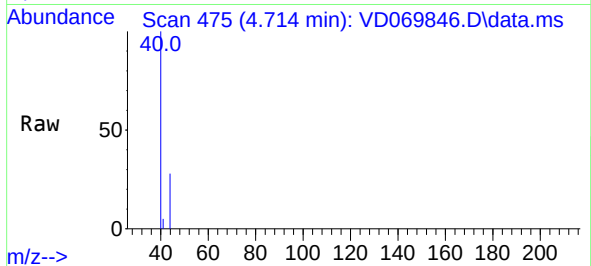




#14
Allyl chloride
Concen: 1.236 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

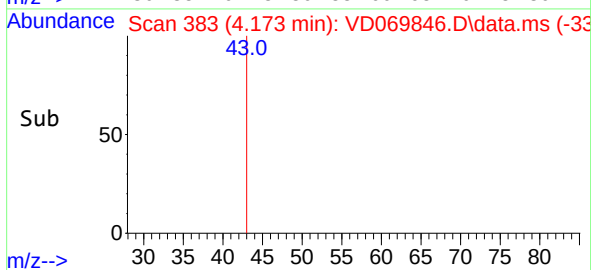
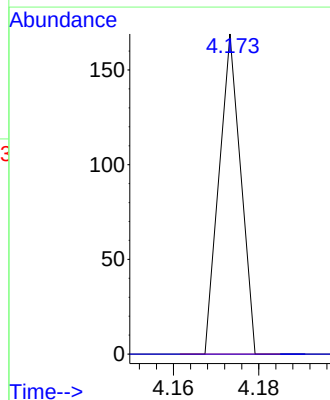
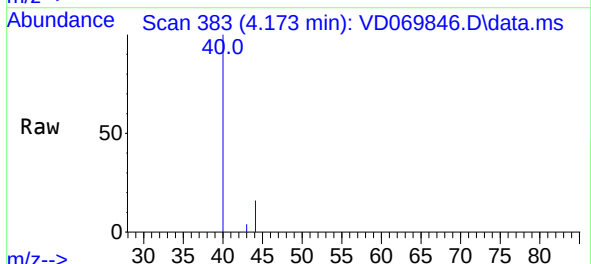
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

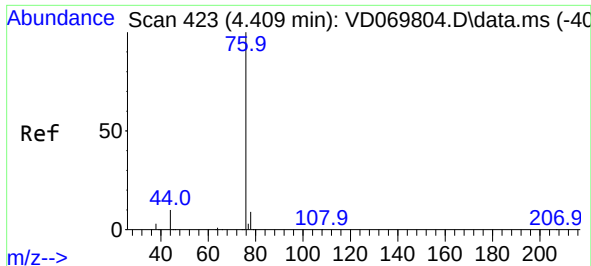
Tgt Ion:	41	Resp:	80
Ion	Ratio	Lower	Upper
41	100		
39	0.0	49.8	74.6#
76	0.0	31.8	47.8#



#16
Acetone
Concen: 7.488 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion:	43	Resp:	60
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.4	44.0#

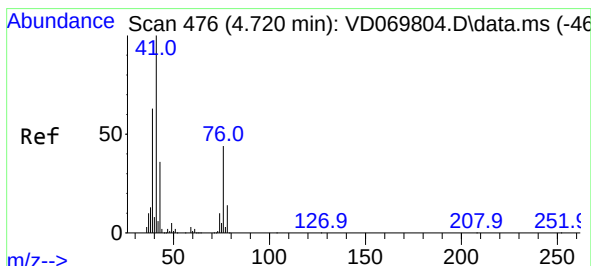
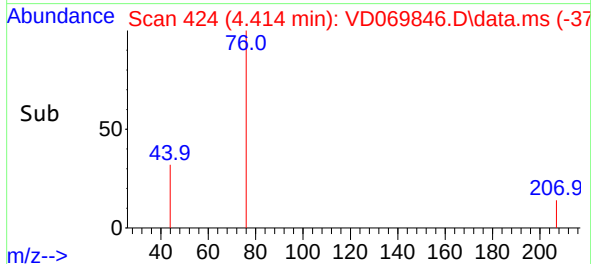
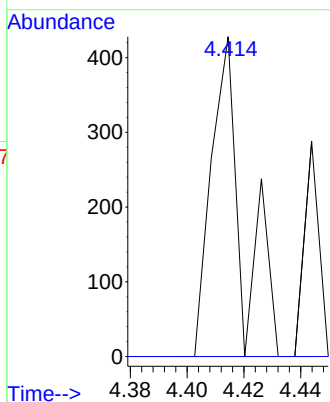
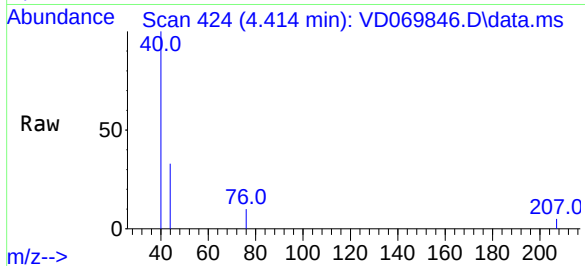




#17
Carbon Disulfide
Concen: 2.085 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

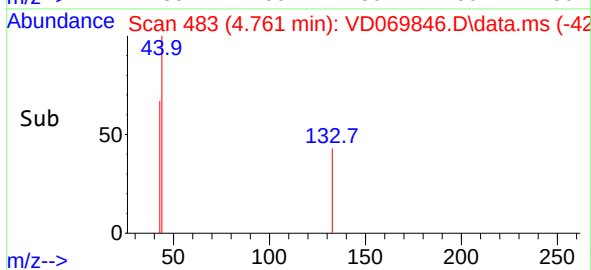
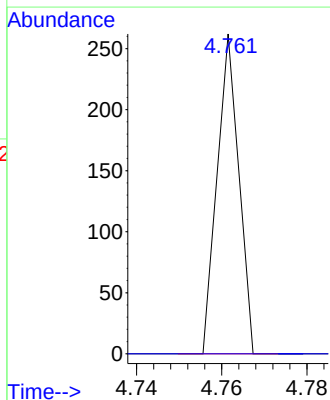
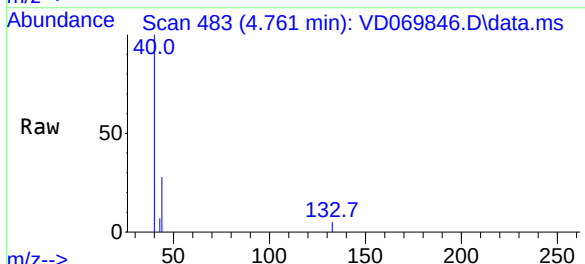
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MSVOA_D
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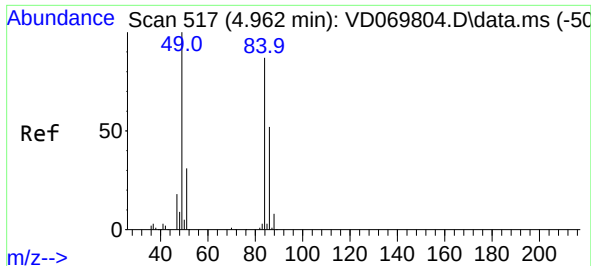
Tgt Ion: 76 Resp: 329
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 3.957 ug/l
RT: 4.761 min Scan# 483
Delta R.T. 0.041 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

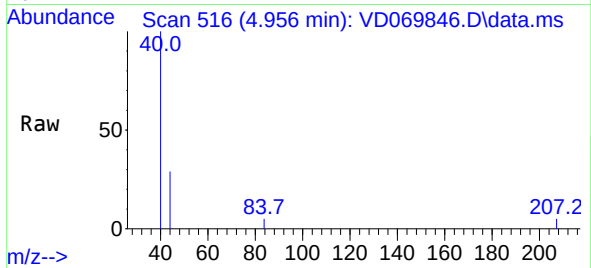
Tgt Ion: 43 Resp: 92
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



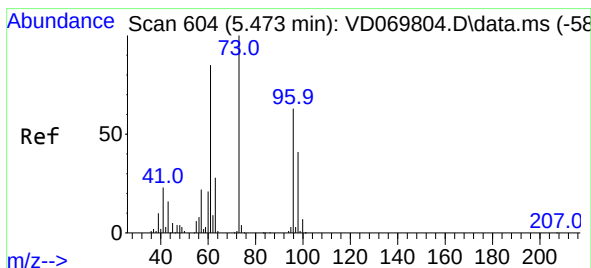
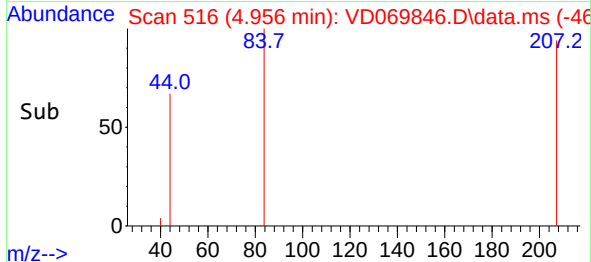
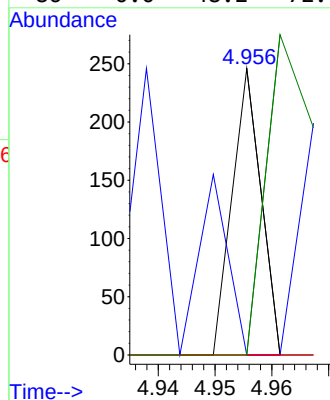


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Instrument :
MSVOA_D
ClientSampleId :
20210729-34

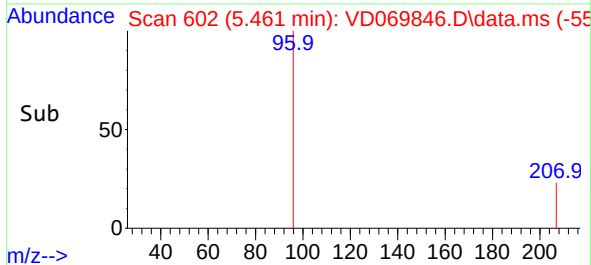
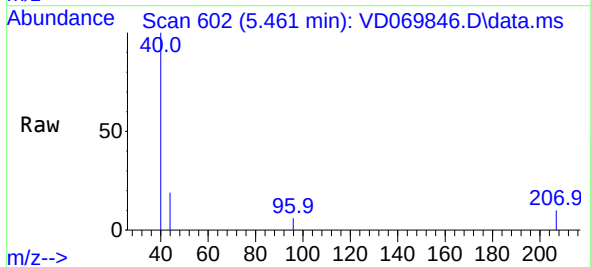
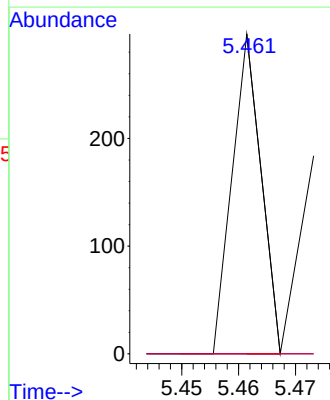


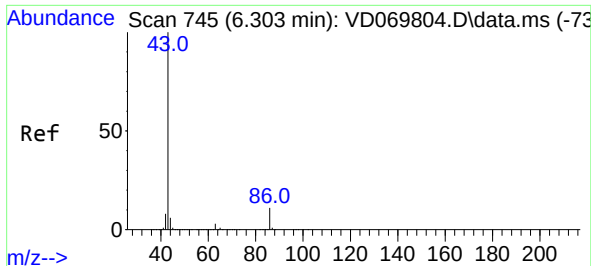
Tgt Ion:	84	Resp:	87
Ion	Ratio	Lower	Upper
84	100		
49	0.0	92.4	138.6#
51	0.0	28.5	42.7#
86	0.0	48.2	72.4#



#21
trans-1,2-Dichloroethene
Concen: 2.019 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.012 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion:	96	Resp:	105
Ion	Ratio	Lower	Upper
96	100		
61	0.0	107.0	160.6#
98	0.0	52.3	78.5#

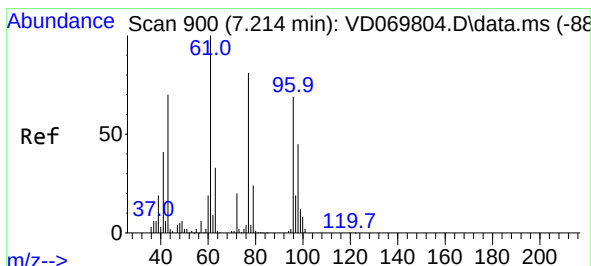
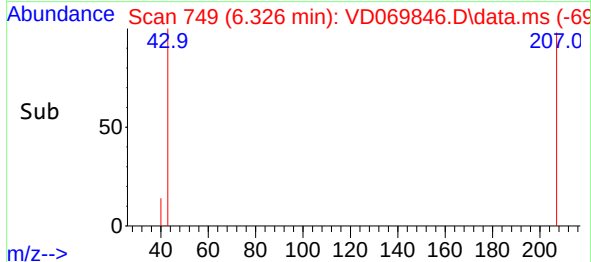
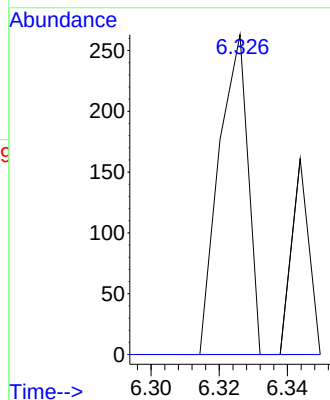
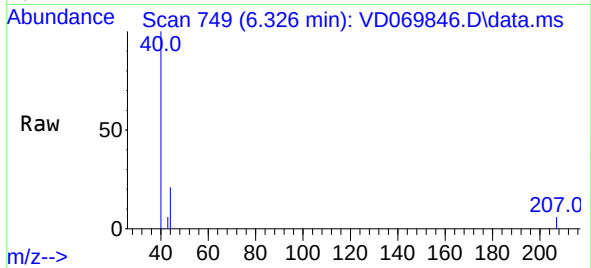




#23
 Vinyl Acetate
 Concen: 22.190 ug/l
 RT: 6.326 min Scan# 749
 Delta R.T. 0.023 min
 Lab File: VD069846.D
 Acq: 26 Jul 2021 14:29

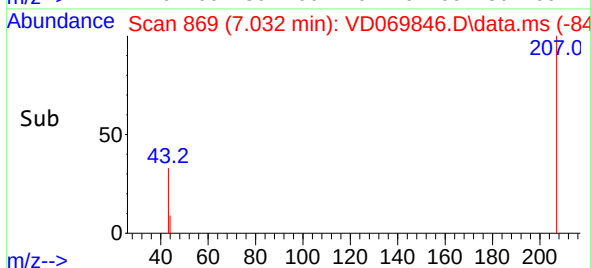
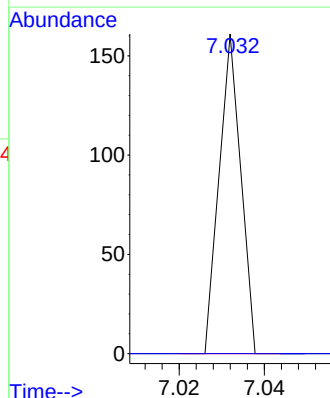
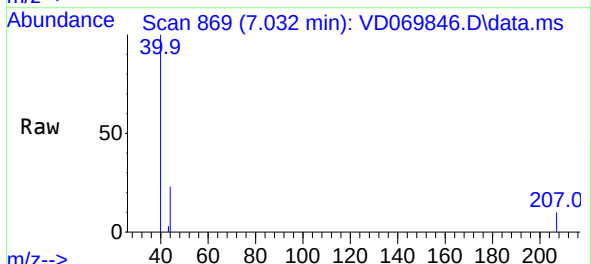
Instrument :
 MSVOA_D
 ClientSampleId :
 20210729-34

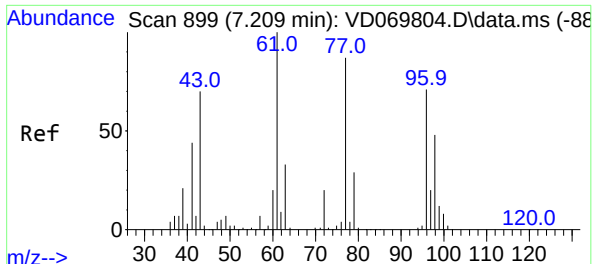
Tgt Ion: 43 Resp: 155
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.6 13.0#



#25
 2-Butanone
 Concen: 5.245 ug/l
 RT: 7.032 min Scan# 869
 Delta R.T. -0.183 min
 Lab File: VD069846.D
 Acq: 26 Jul 2021 14:29

Tgt Ion: 43 Resp: 57
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.8 34.2#



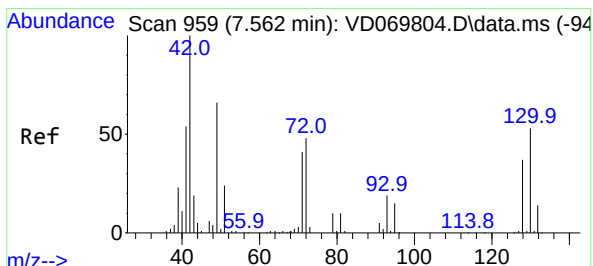
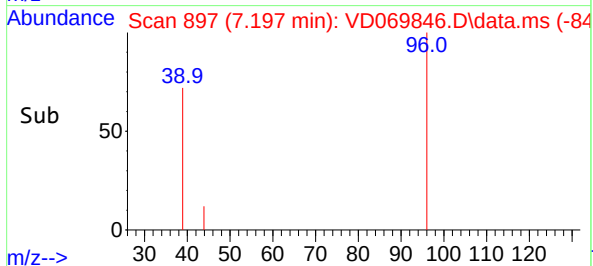
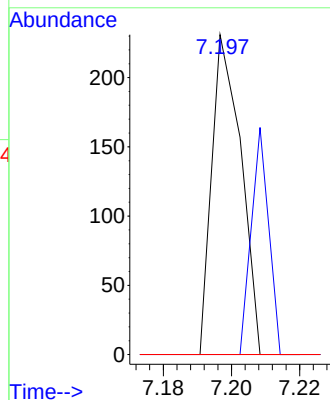
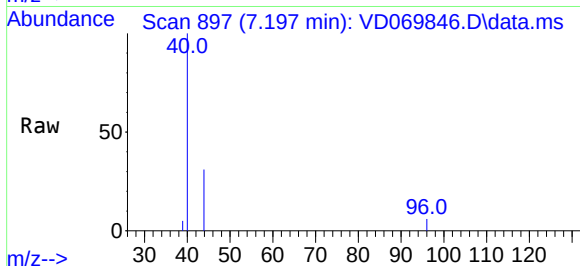


#27

cis-1,2-Dichloroethene
Concen: 2.469 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Instrument :
MSVOA_D
ClientSampleId :
20210729-34

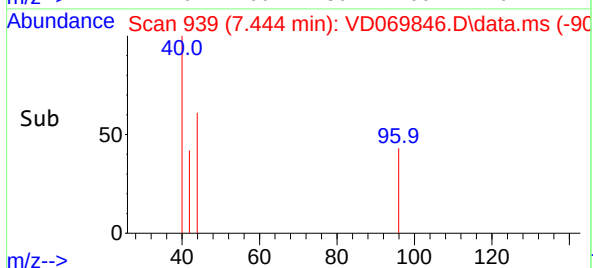
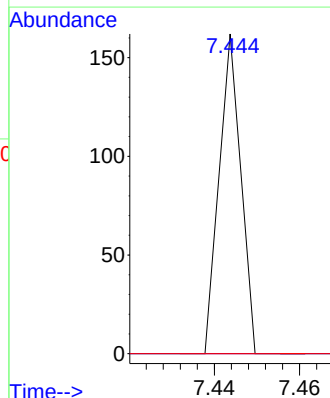
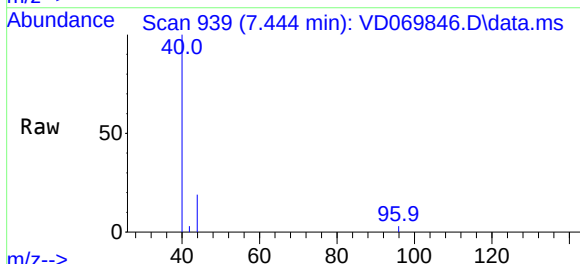
Tgt Ion:	96	Resp:	137
Ion	Ratio	Lower	Upper
96	100		
61	42.3	0.0	291.6
98	0.0	0.0	132.0

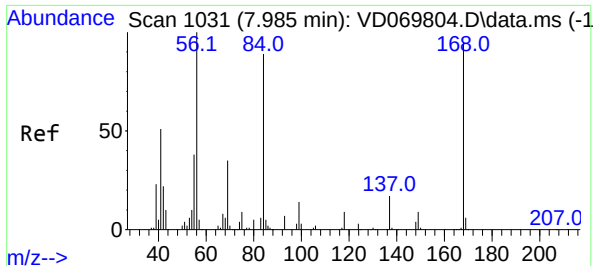


#29

Tetrahydrofuran
Concen: 8.107 ug/l
RT: 7.444 min Scan# 939
Delta R.T. -0.118 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion:	42	Resp:	57
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.5	54.7#
71	0.0	33.5	50.3#





#31

Cyclohexane

Concen: 2.088 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD069846.D

Acq: 26 Jul 2021 14:29

Instrument :

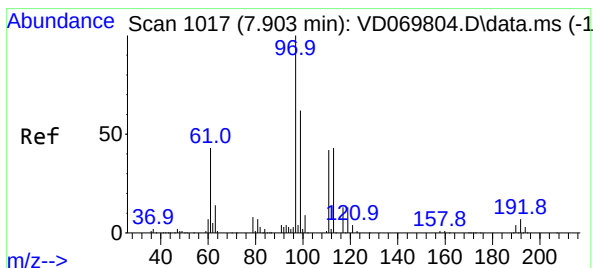
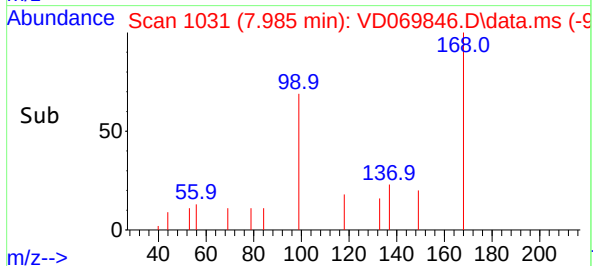
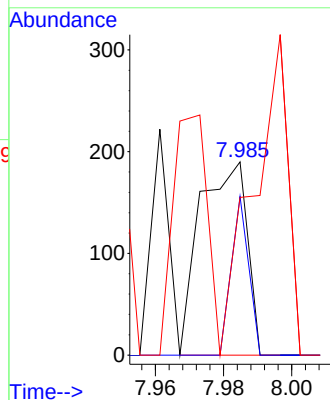
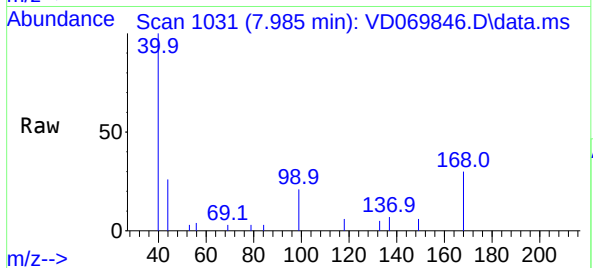
MSVOA_D

ClientSampleId :

20210729-34

Tgt Ion: 56 Resp: 181

Ion	Ratio	Lower	Upper
56	100		
69	82.1	27.9	41.9#
84	0.0	71.4	107.2#



#32

1,1,1-Trichloroethane

Concen: 1.844 ug/l

RT: 7.914 min Scan# 1019

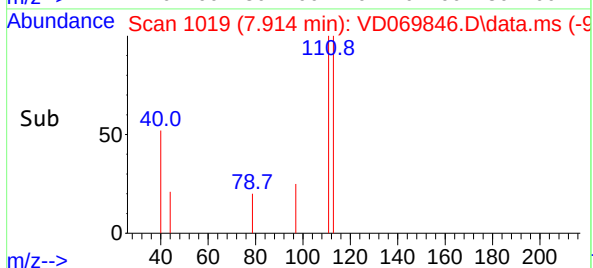
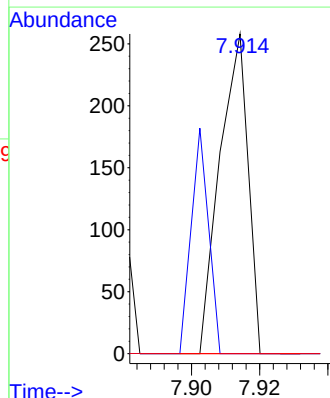
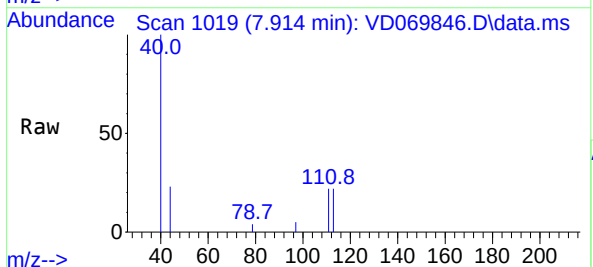
Delta R.T. 0.012 min

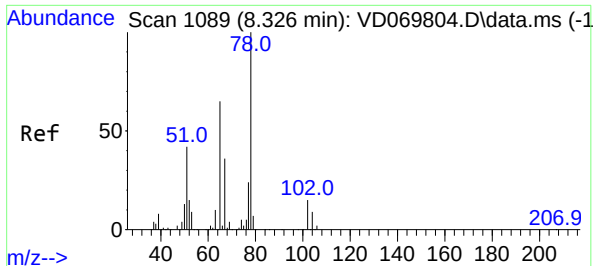
Lab File: VD069846.D

Acq: 26 Jul 2021 14:29

Tgt Ion: 97 Resp: 149

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	0.0	34.5	51.7#

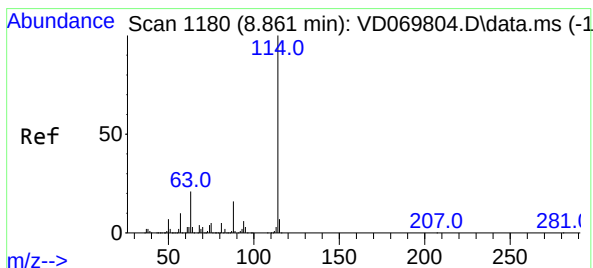
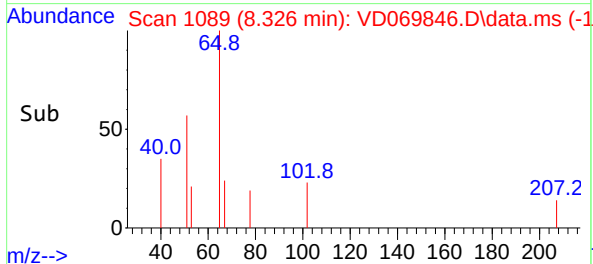
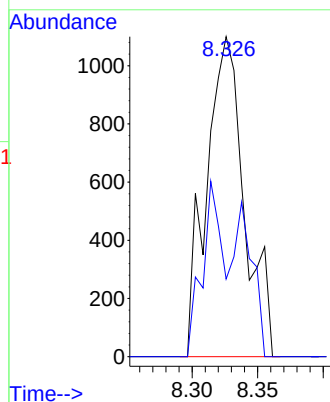
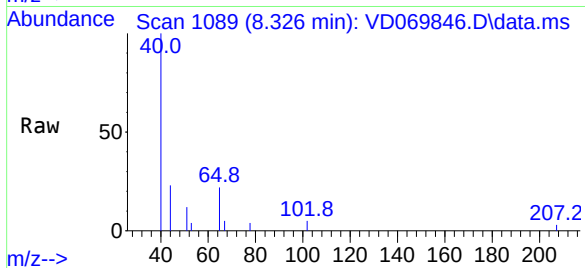




#33
1,2-Dichloroethane-d4
Concen: 49.888 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

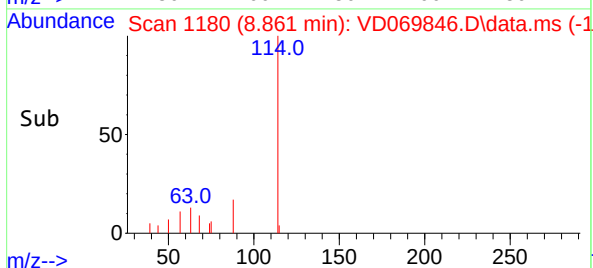
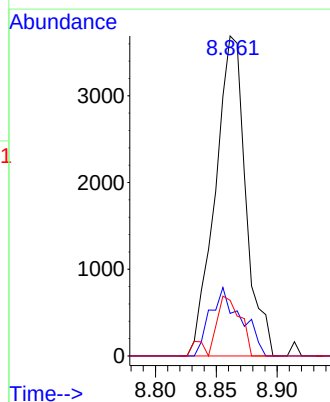
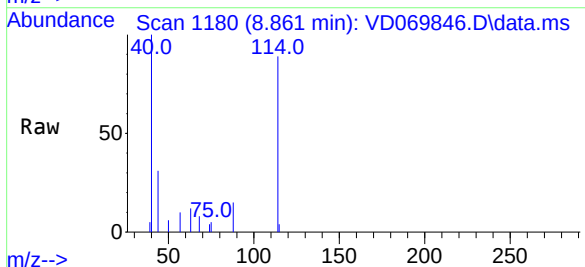
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

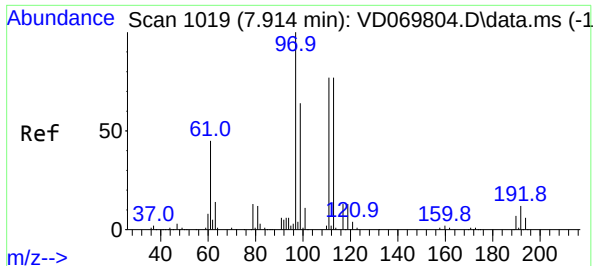
Tgt Ion: 65 Resp: 2213
Ion Ratio Lower Upper
65 100
67 24.3 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 114 Resp: 6447
Ion Ratio Lower Upper
114 100
63 13.3 0.0 41.6
88 17.4 0.0 31.4

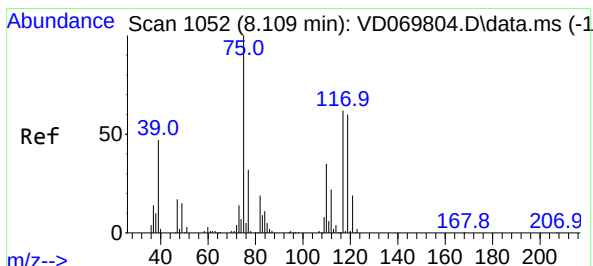
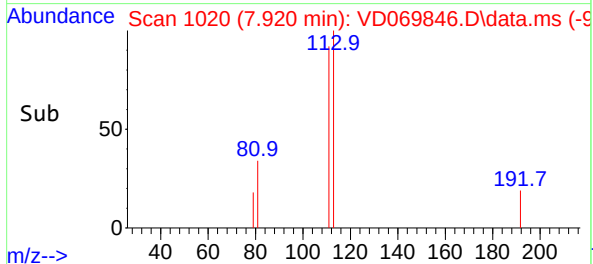
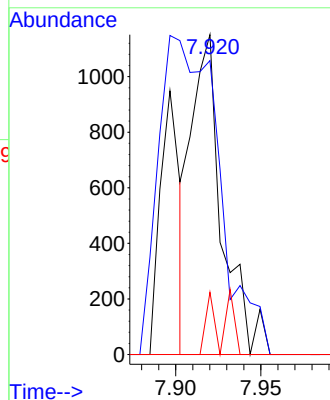
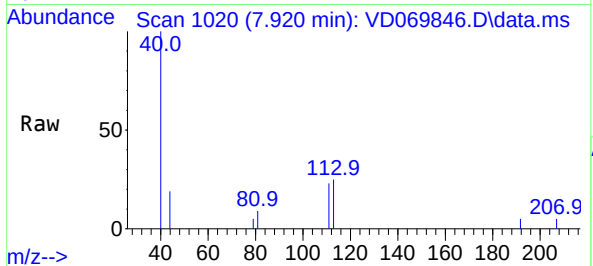




#35
Dibromofluoromethane
Concen: 35.948 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

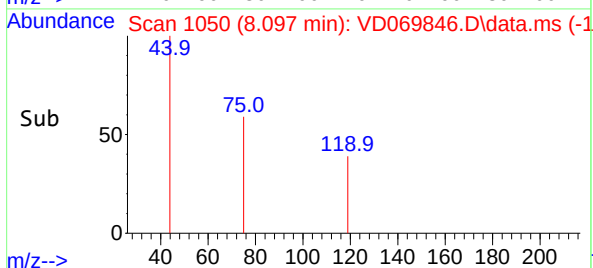
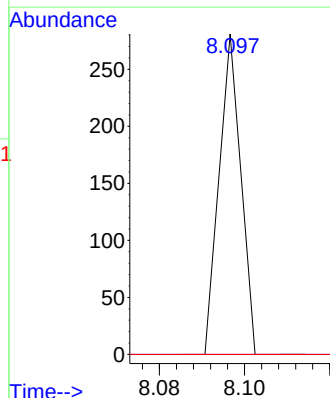
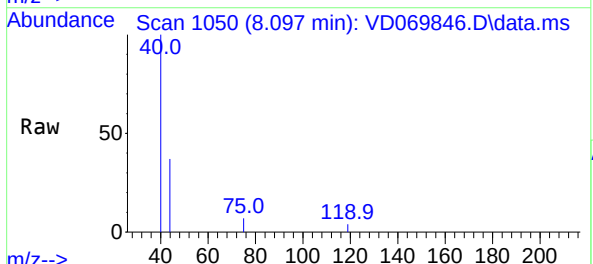
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

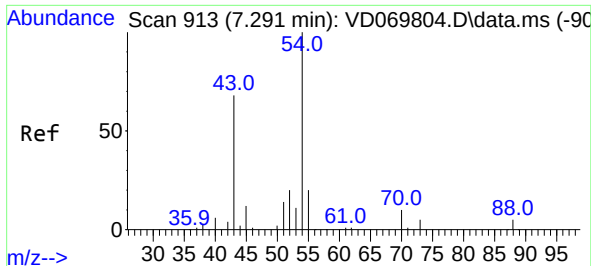
Tgt Ion:113 Resp: 1461
Ion Ratio Lower Upper
113 100
111 0.0 80.5 120.7#
192 11.1 12.6 19.0#



#36
1,1-Dichloropropene
Concen: 1.423 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.012 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 75 Resp: 99
Ion Ratio Lower Upper
75 100
110 0.0 16.9 50.7#
77 0.0 24.9 37.3#

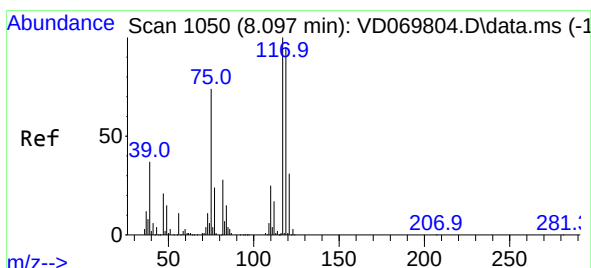
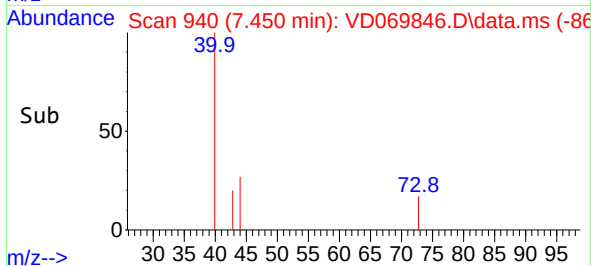
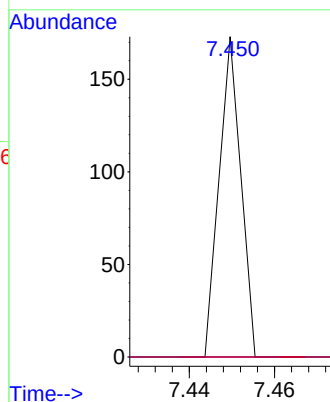
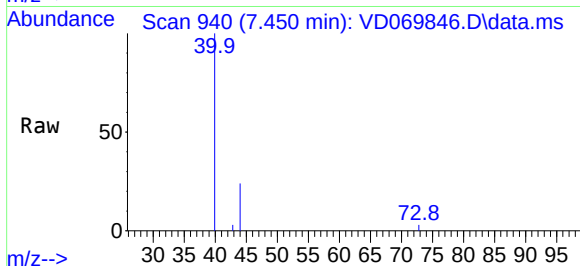




#37
Ethyl Acetate
Concen: 2.408 ug/l
RT: 7.450 min Scan# 940
Delta R.T. 0.159 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

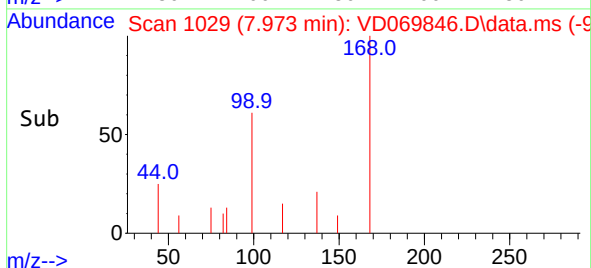
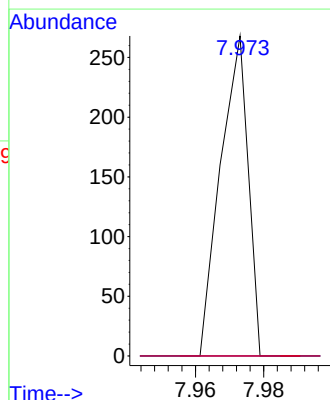
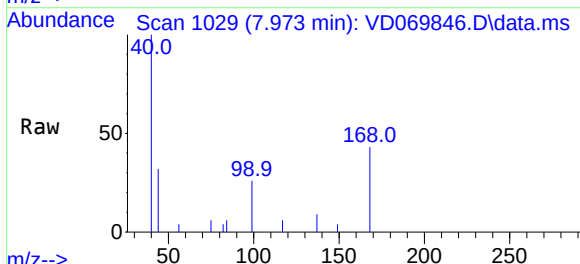
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

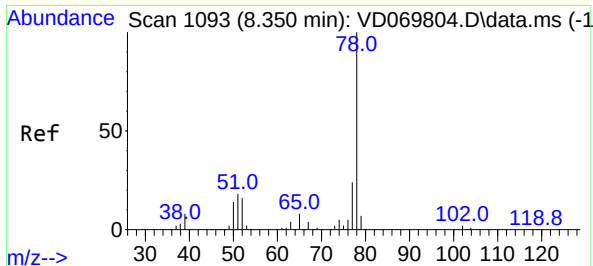
Tgt Ion: 43	Resp:	61
Ion	Ratio	Lower Upper
43	100	
61	0.0	11.8 17.8#
70	0.0	8.9 13.3#



#38
Carbon Tetrachloride
Concen: 2.376 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 117	Resp:	151
Ion	Ratio	Lower Upper
117	100	
119	0.0	76.2 114.2#
121	0.0	24.5 36.7#

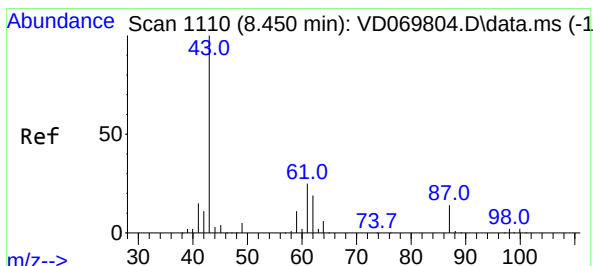
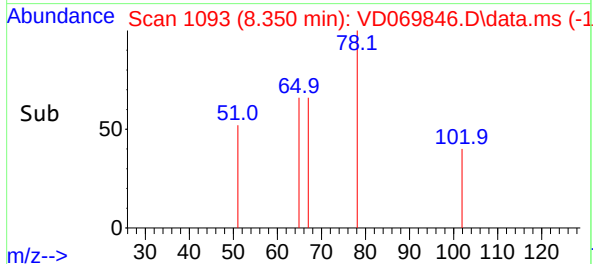
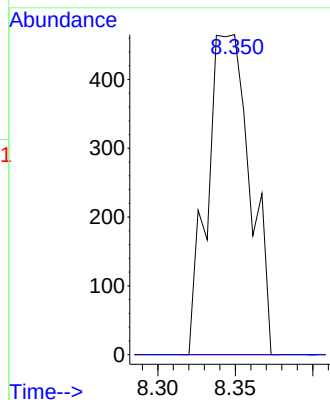
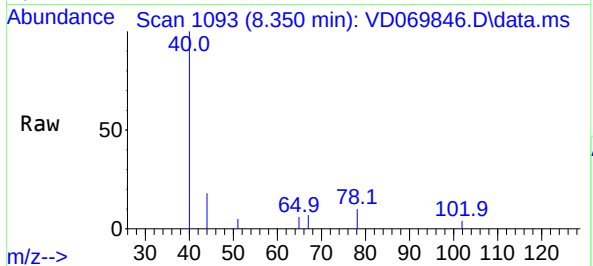




#40
Benzene
Concen: 4.430 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

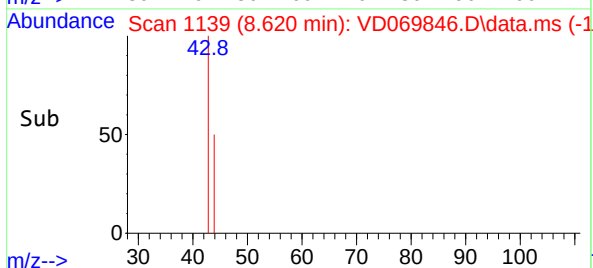
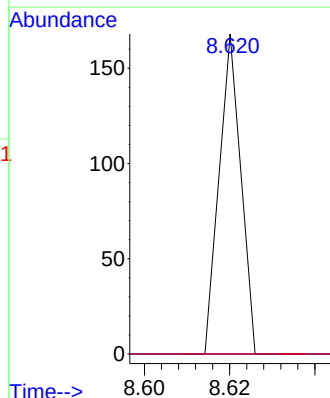
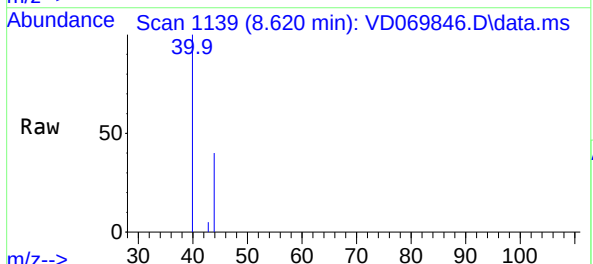
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

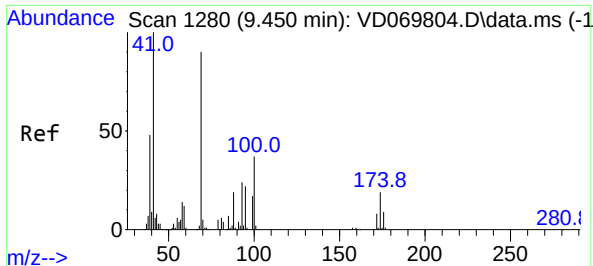
Tgt Ion: 78 Resp: 893
Ion Ratio Lower Upper
78 100
77 0.0 19.4 29.0#



#43
Isopropyl Acetate
Concen: 1.299 ug/l
RT: 8.620 min Scan# 1139
Delta R.T. 0.170 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
61 0.0 27.8 41.6#
87 0.0 11.3 16.9#

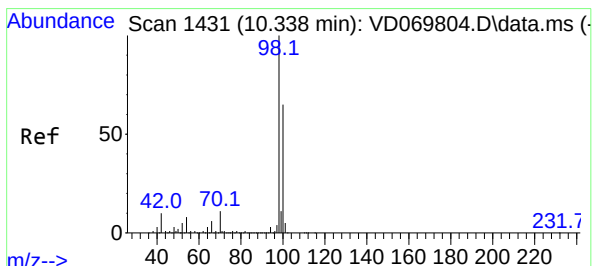
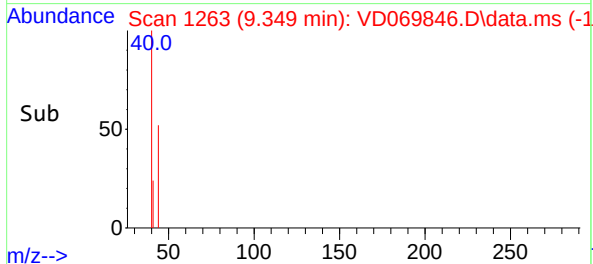
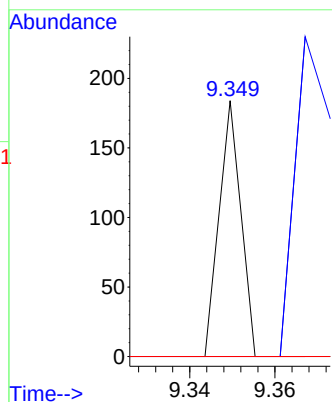
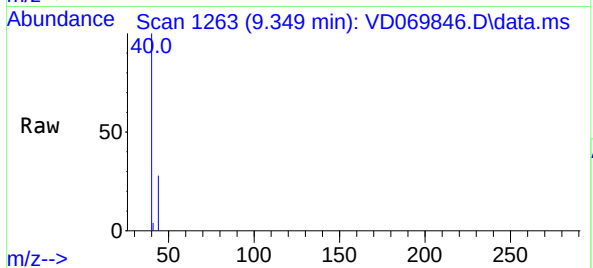




#48
Methyl methacrylate
Concen: 5.287 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.101 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

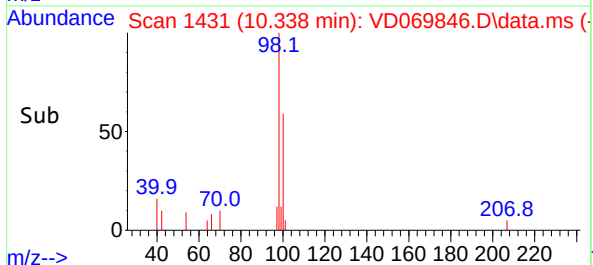
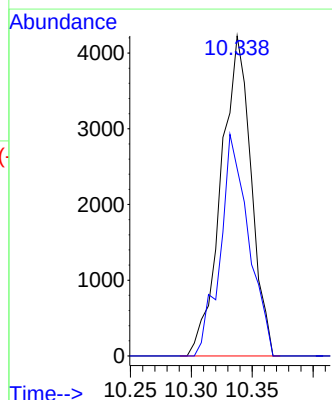
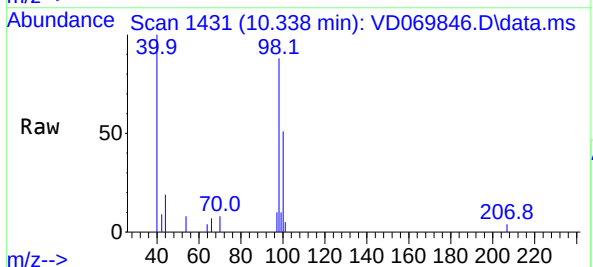
Instrument :
MSVOA_D
ClientSampled :
20210729-34

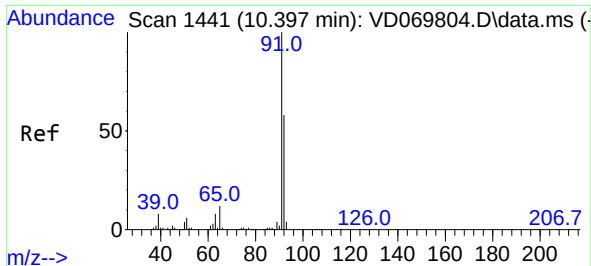
Tgt Ion: 41 Resp: 65
Ion Ratio Lower Upper
41 100
69 218.5 73.4 110.2#
39 0.0 36.6 55.0#



#50
Toluene-d8
Concen: 46.371 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 98 Resp: 7267
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

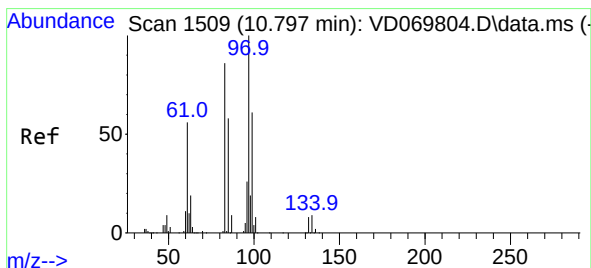
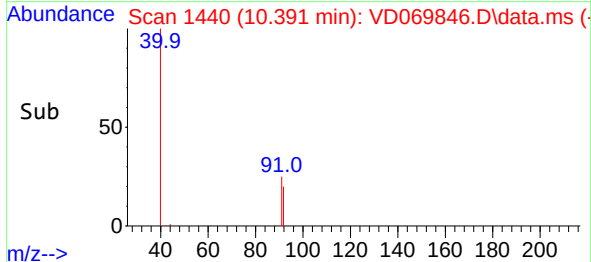
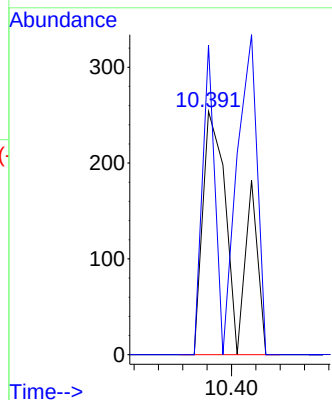
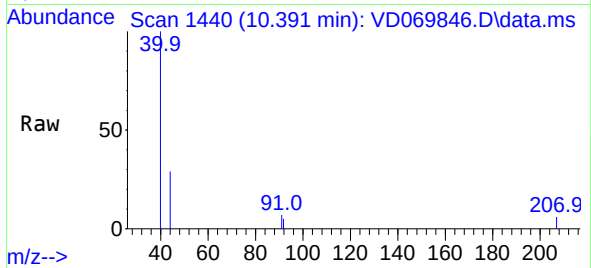




#52
Toluene
Concen: 1.832 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

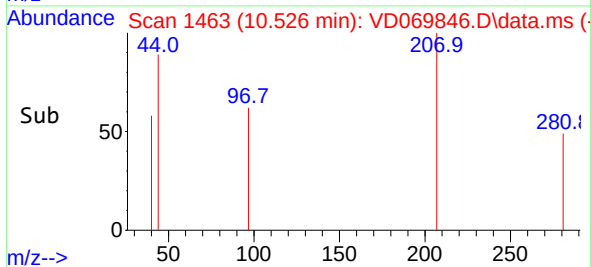
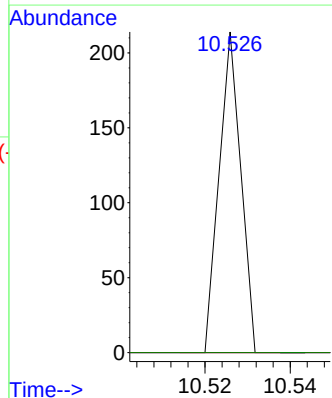
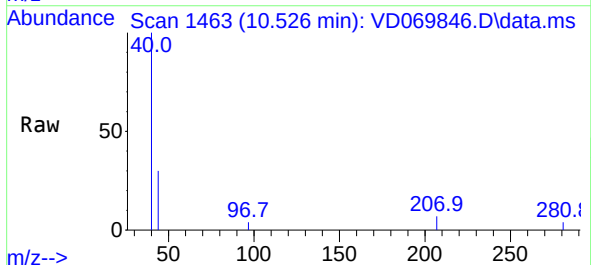
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

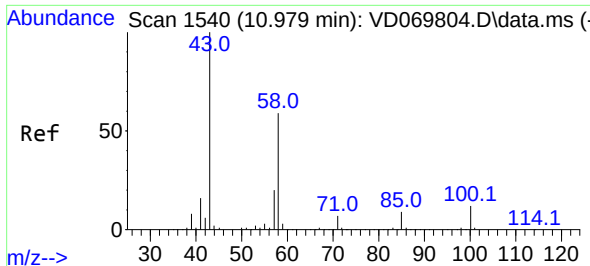
Tgt Ion: 92 Resp: 224
Ion Ratio Lower Upper
92 100
91 50.9 138.7 208.1#



#55
1,1,2-Trichloroethane
Concen: 2.068 ug/l
RT: 10.526 min Scan# 1463
Delta R.T. -0.271 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 97 Resp: 76
Ion Ratio Lower Upper
97 100
83 0.0 69.1 103.7#
85 0.0 46.2 69.2#
99 0.0 48.8 73.2#

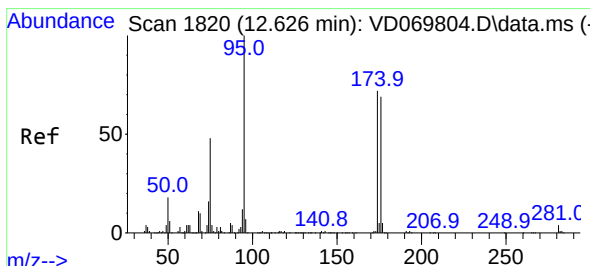
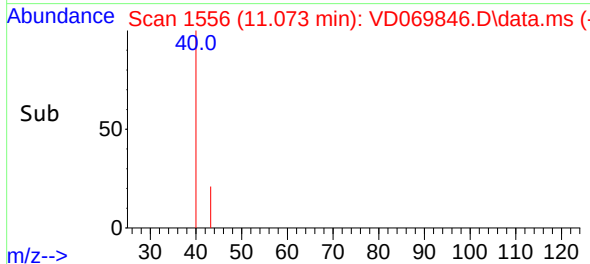
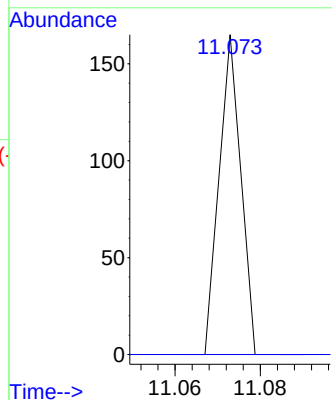
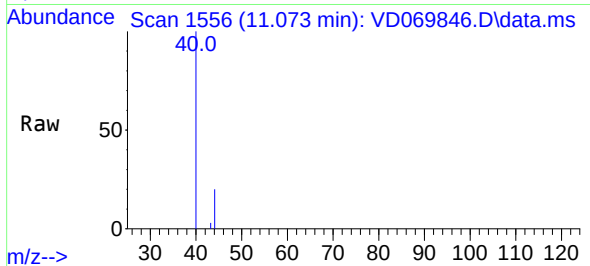




#59
2-Hexanone
Concen: 3.709 ug/l
RT: 11.073 min Scan# 1556
Delta R.T. 0.094 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

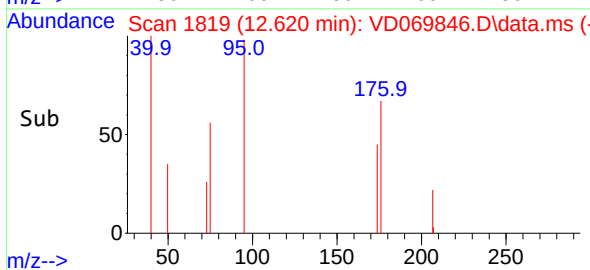
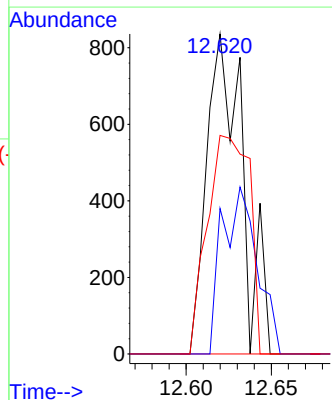
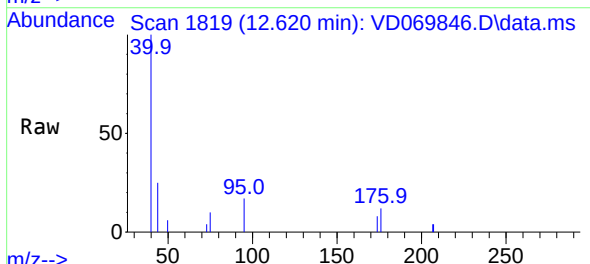
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

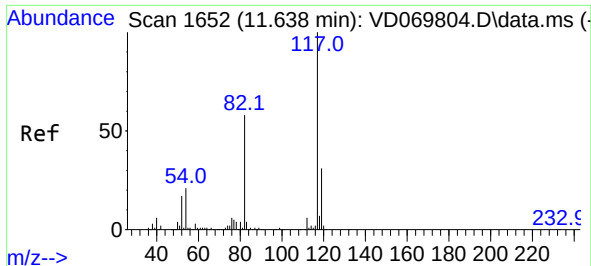
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
58 0.0 29.4 88.3#



#62
4-Bromofluorobenzene
Concen: 23.275 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 95 Resp: 1219
Ion Ratio Lower Upper
95 100
174 51.2 0.0 142.6
176 80.6 0.0 134.2



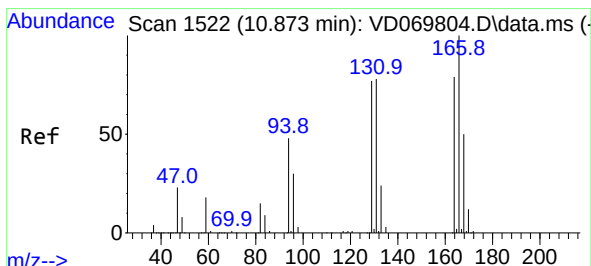
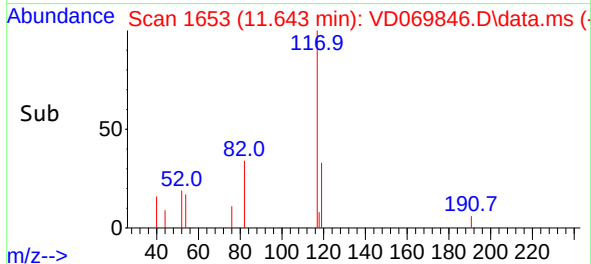
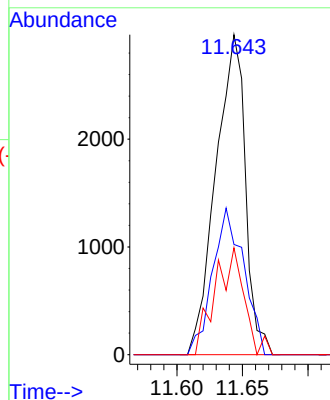
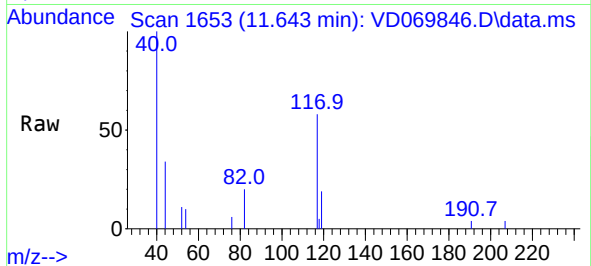


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Instrument :
MSVOA_D
ClientSampleId :
20210729-34

Tgt Ion:117 Resp: 4657

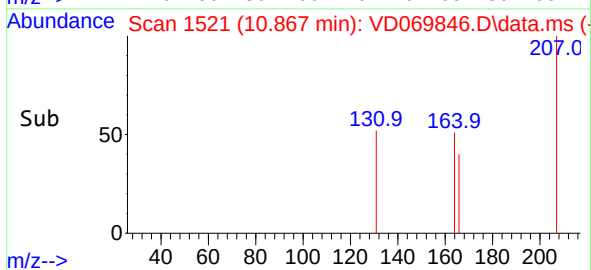
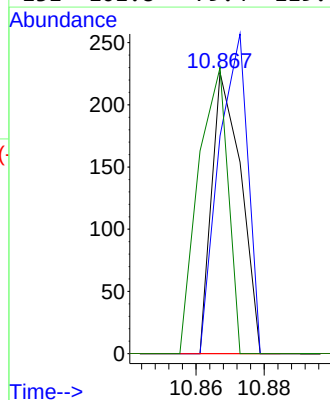
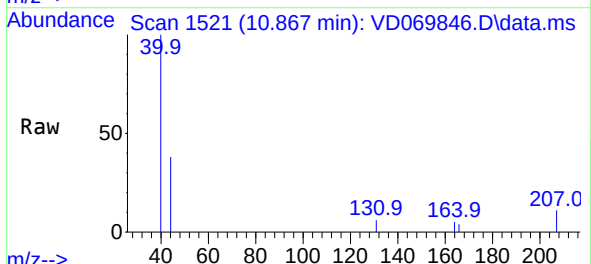
Ion	Ratio	Lower	Upper
117	100		
82	34.5	46.3	69.5#
119	33.4	24.7	37.1

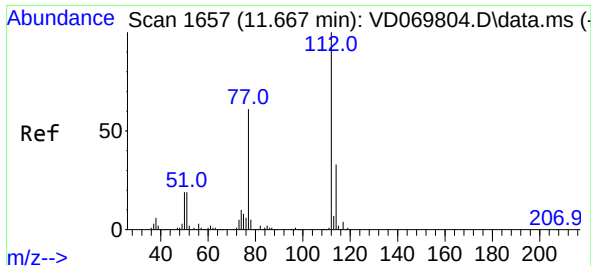


#64
Tetrachloroethene
Concen: 4.514 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion:164 Resp: 134

Ion	Ratio	Lower	Upper
164	100		
166	77.4	101.8	152.8#
129	0.0	78.8	118.2#
131	101.8	79.4	119.0

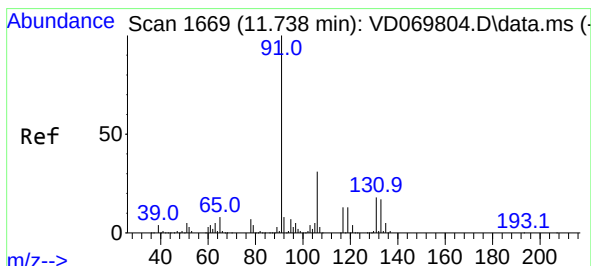
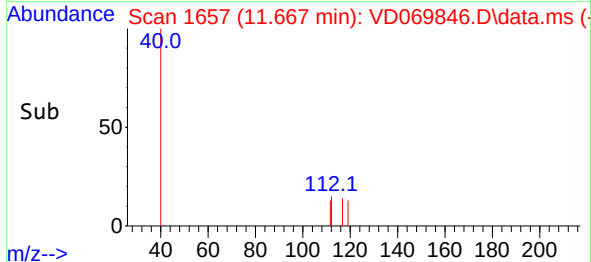
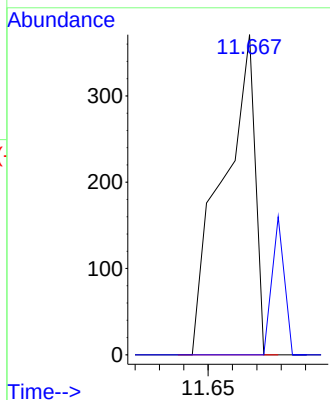
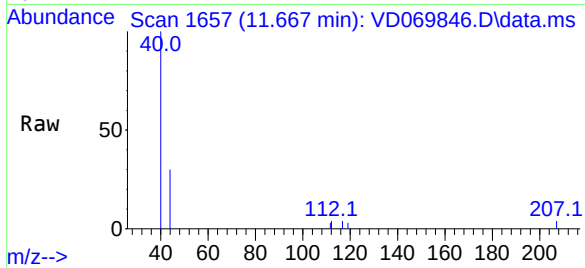




#65
Chlorobenzene
Concen: 3.555 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

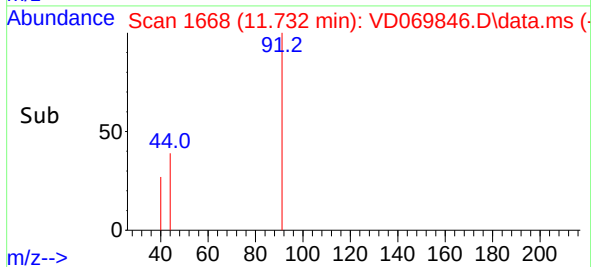
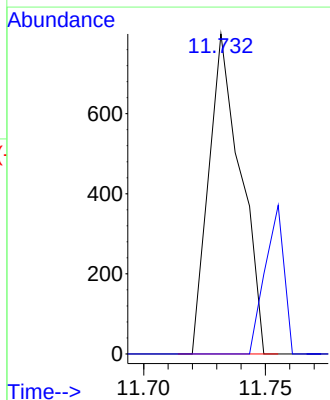
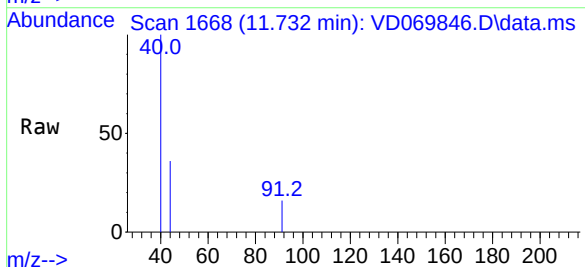
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

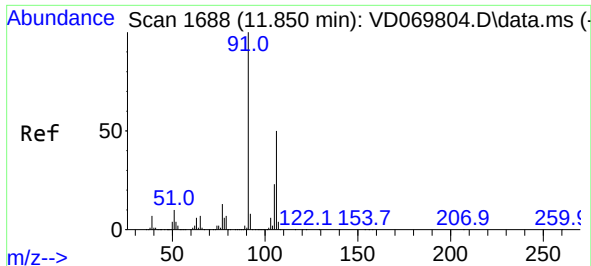
Tgt Ion:112 Resp: 343
Ion Ratio Lower Upper
112 100
114 0.0 26.5 39.7#



#67
Ethyl Benzene
Concen: 4.286 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 91 Resp: 728
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#

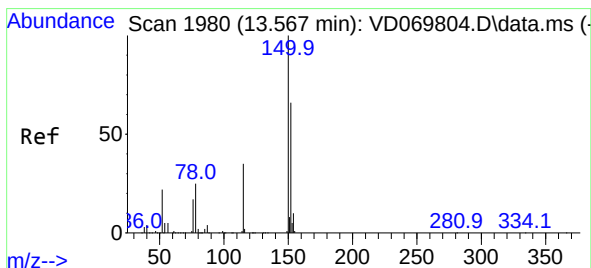
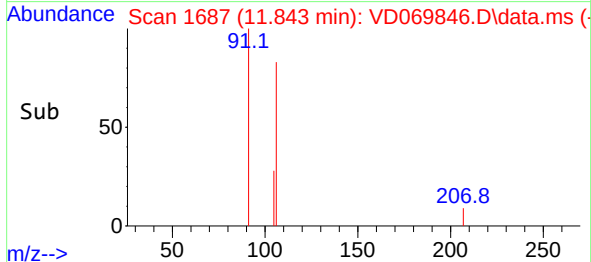
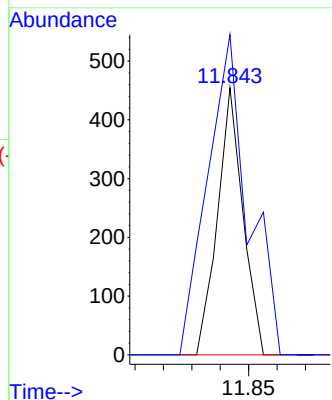
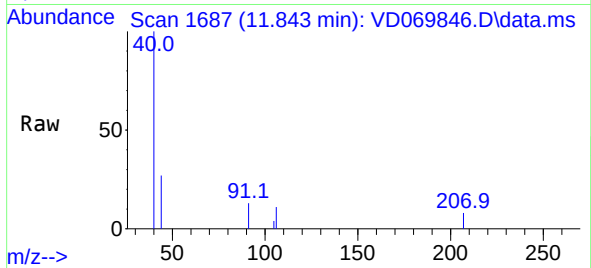




#68
m/p-Xylenes
Concen: 4.282 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

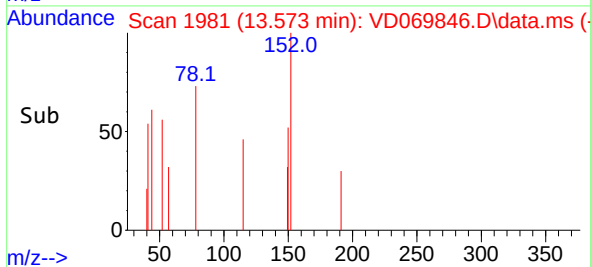
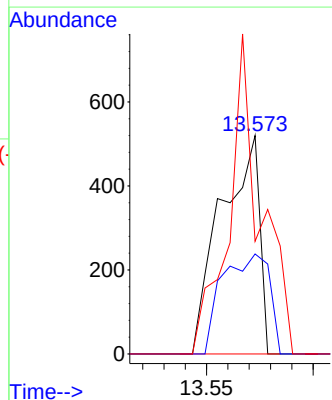
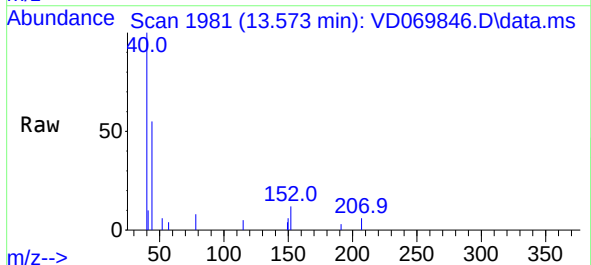
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

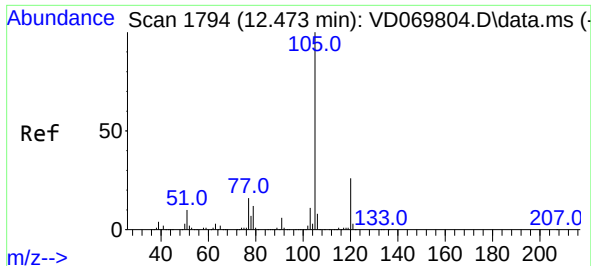
Tgt Ion:106 Resp: 282
Ion Ratio Lower Upper
106 100
91 191.1 162.4 243.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion:152 Resp: 648
Ion Ratio Lower Upper
152 100
115 56.2 31.1 93.3
150 121.5 0.0 343.0

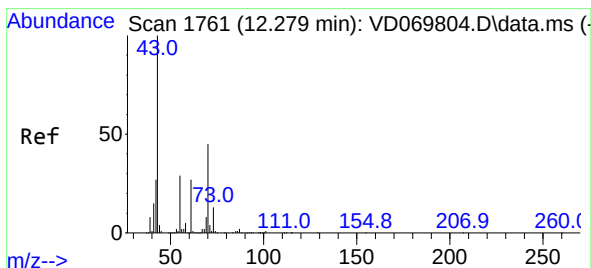
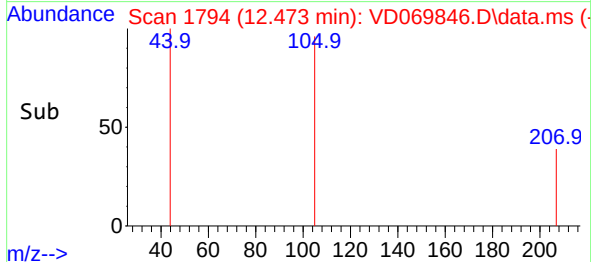
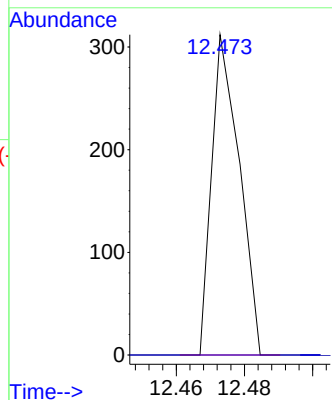
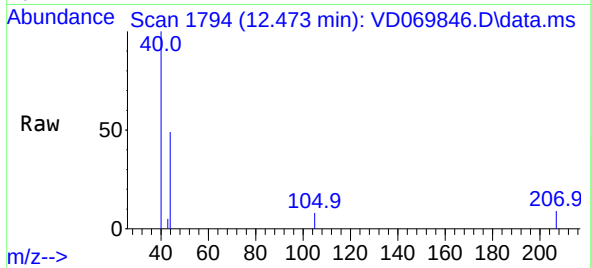




#73
Isopropylbenzene
Concen: 3.780 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

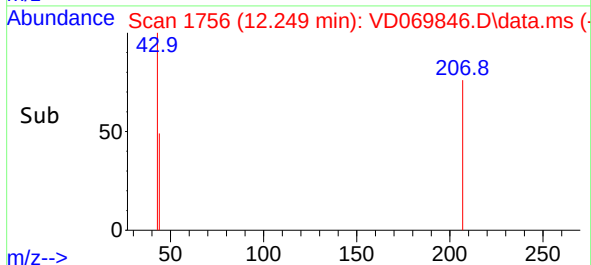
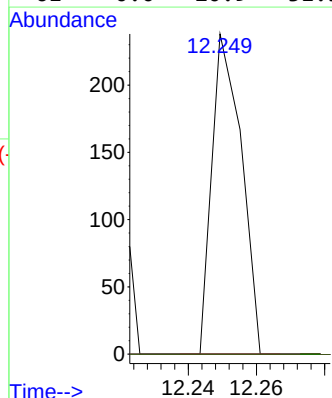
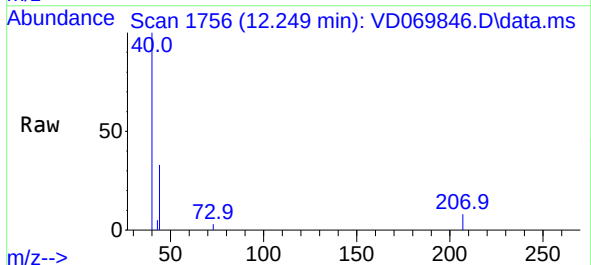
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

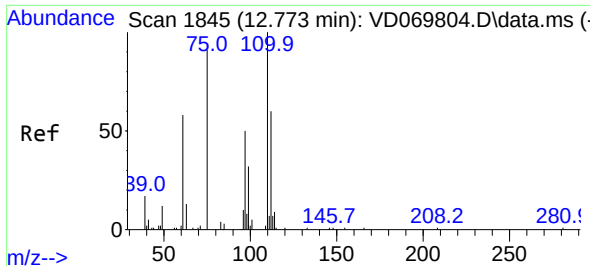
Tgt Ion:105 Resp: 176
Ion Ratio Lower Upper
105 100
120 0.0 13.0 38.9#



#74
N-ethyl acetate
Concen: 14.932 ug/l
RT: 12.249 min Scan# 1756
Delta R.T. -0.030 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 43 Resp: 143
Ion Ratio Lower Upper
43 100
70 0.0 37.9 56.9#
55 0.0 23.7 35.5#
61 0.0 20.9 31.3#

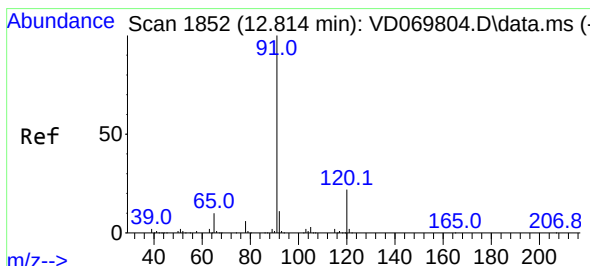
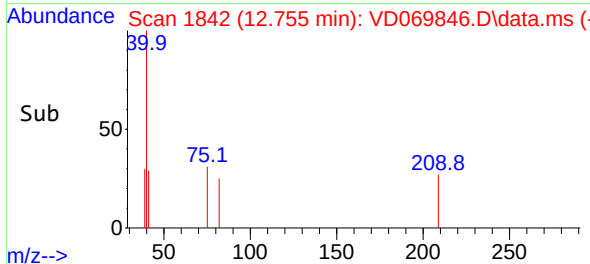
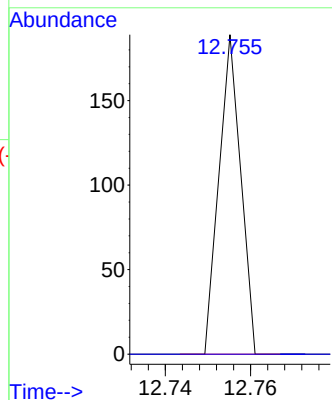
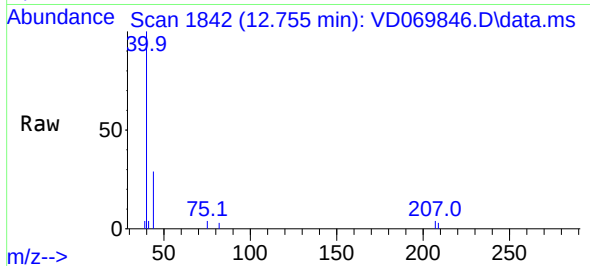




#76
1,2,3-Trichloropropane
Concen: 9.727 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

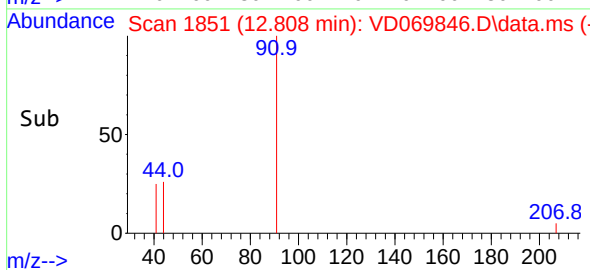
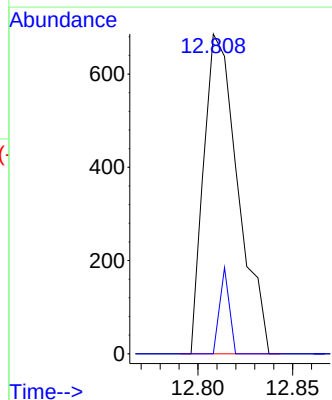
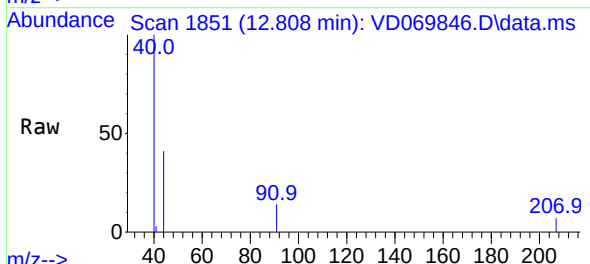
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

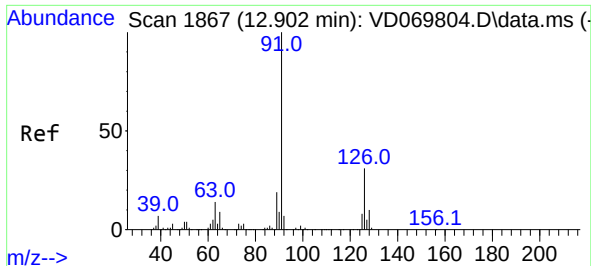
Tgt Ion: 75 Resp: 67
Ion Ratio Lower Upper
75 100
77 0.0 181.5 544.5#



#78
n-propylbenzene
Concen: 14.448 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion: 91 Resp: 864
Ion Ratio Lower Upper
91 100
120 7.5 10.9 32.7#

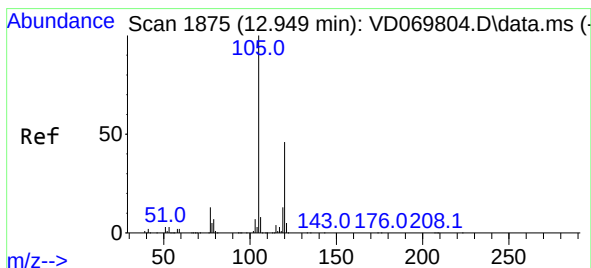
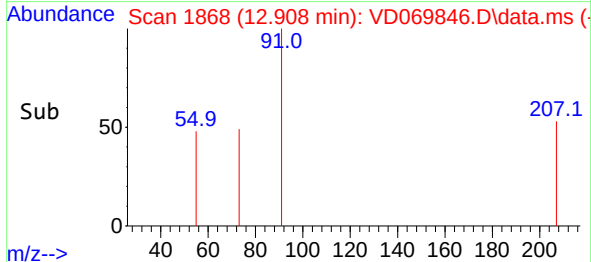
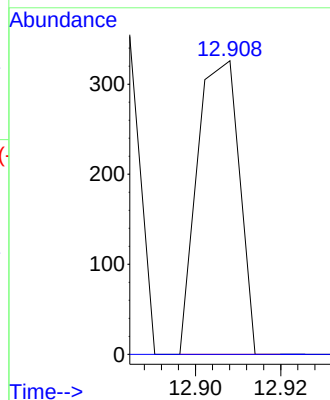
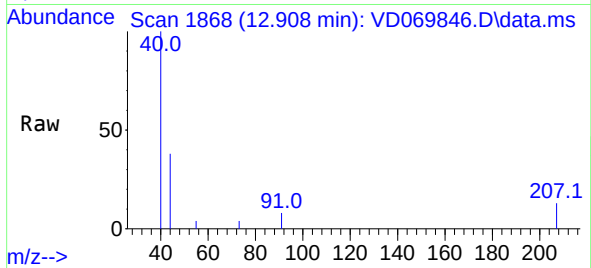




#79
2-Chlorotoluene
Concen: 6.420 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

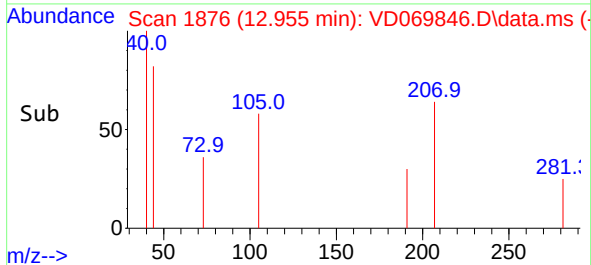
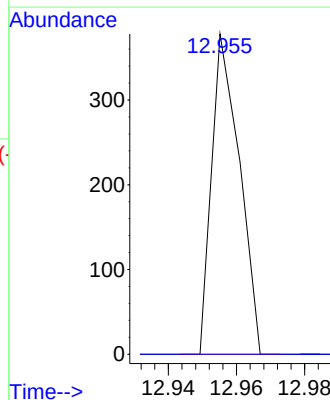
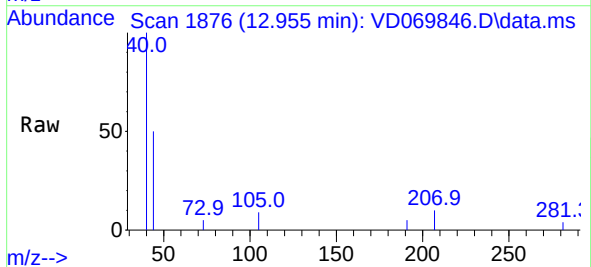
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

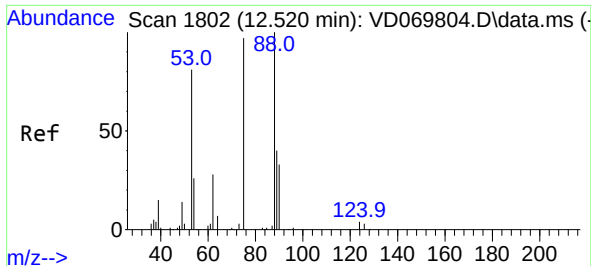
Tgt Ion: 91 Resp: 223
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.7#



#80
1,3,5-Trimethylbenzene
Concen: 5.373 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

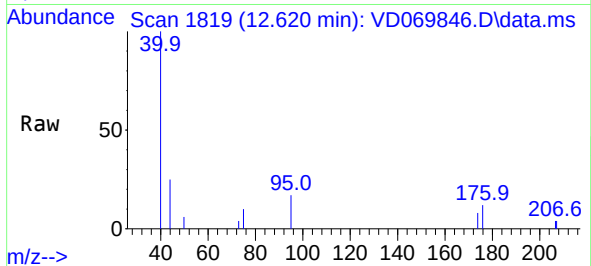
Tgt Ion: 105 Resp: 214
Ion Ratio Lower Upper
105 100
120 0.0 23.8 71.2#



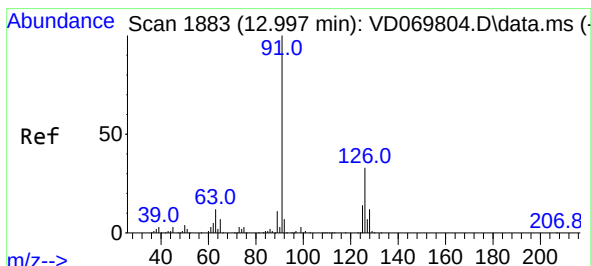
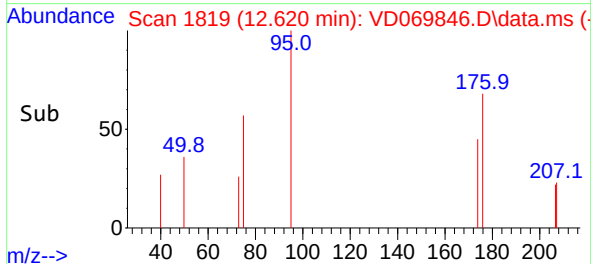
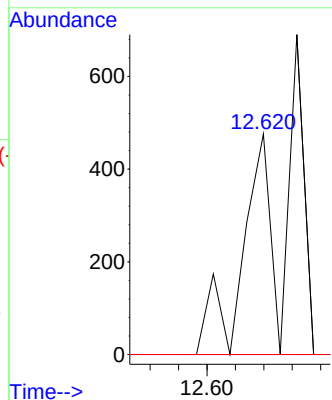


#81
trans-1,4-Dichloro-2-butene
Concen: 145.350 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Instrument :
MSVOA_D
ClientSampleId :
20210729-34

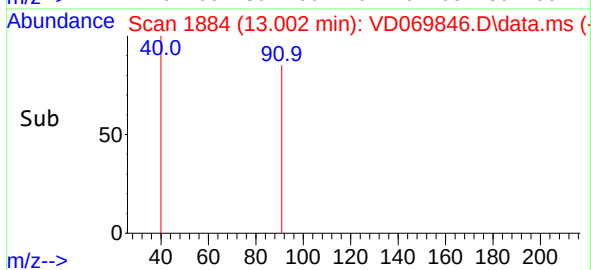
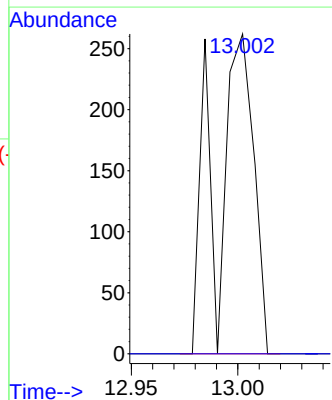
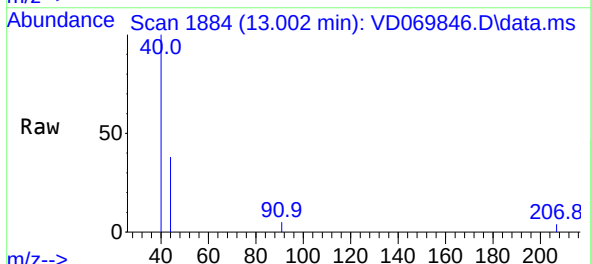


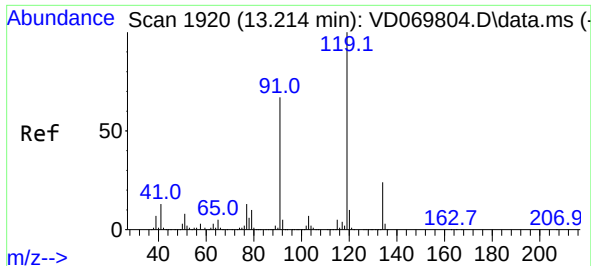
Tgt Ion: 75 Resp: 330
Ion Ratio Lower Upper
75 100
53 0.0 67.2 100.8#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 8.812 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

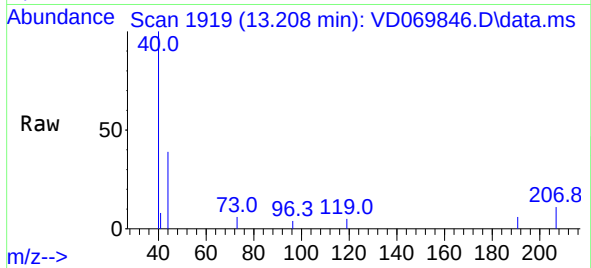
Tgt Ion: 91 Resp: 320
Ion Ratio Lower Upper
91 100
126 0.0 15.9 47.6#



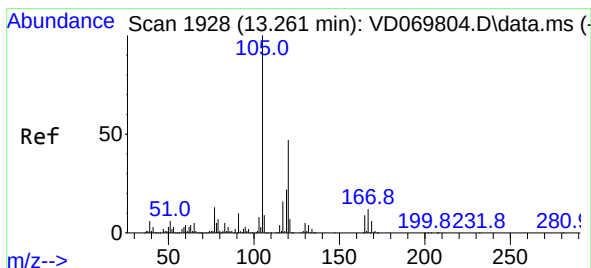
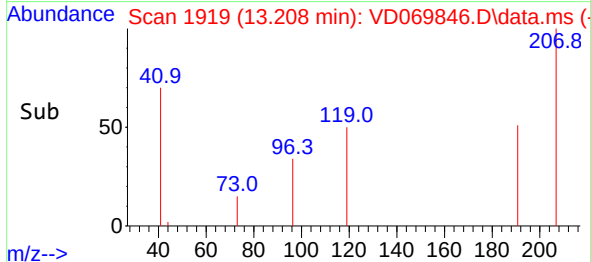
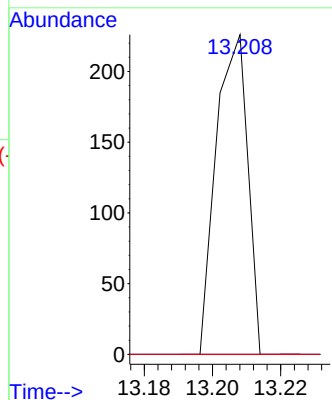


#83
tert-Butylbenzene
Concen: 4.478 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Instrument :
MSVOA_D
ClientSampleId :
20210729-34

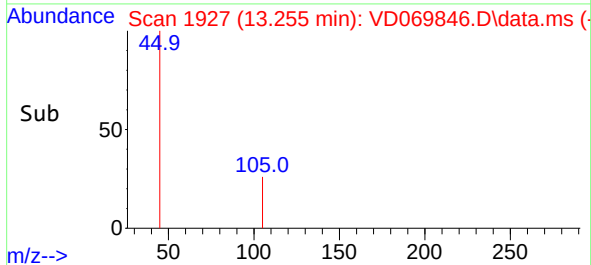
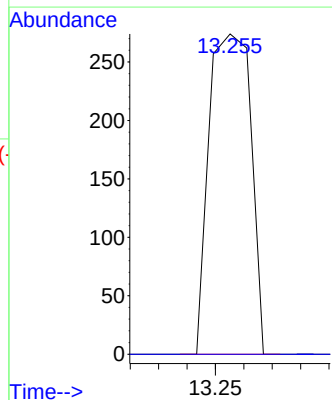
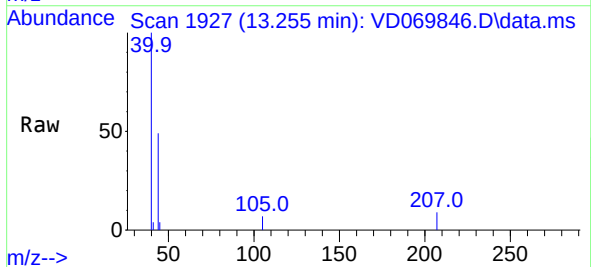


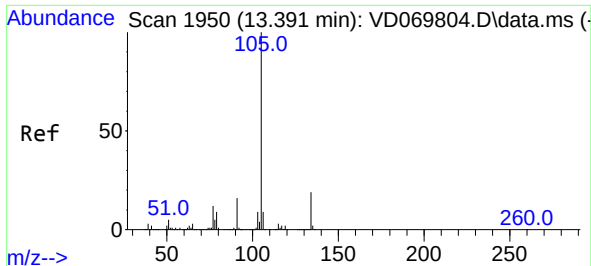
Tgt Ion:119 Resp: 145
Ion Ratio Lower Upper
119 100
91 0.0 33.7 101.1#
134 0.0 13.3 39.8#



#84
1,2,4-Trimethylbenzene
Concen: 7.126 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion:105 Resp: 280
Ion Ratio Lower Upper
105 100
120 0.0 22.6 67.8#

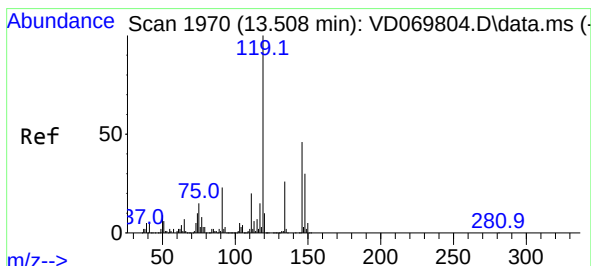
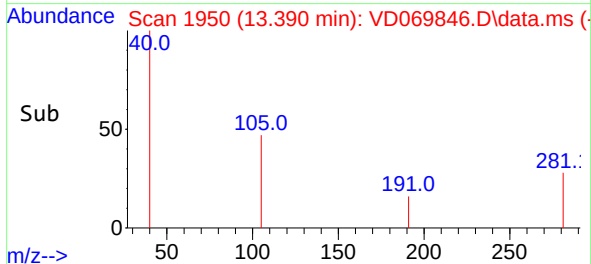
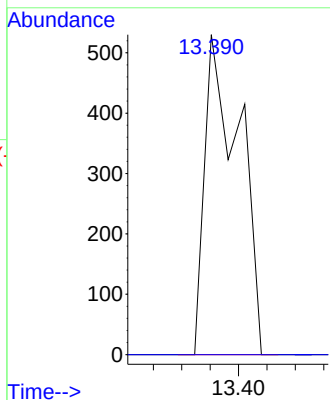
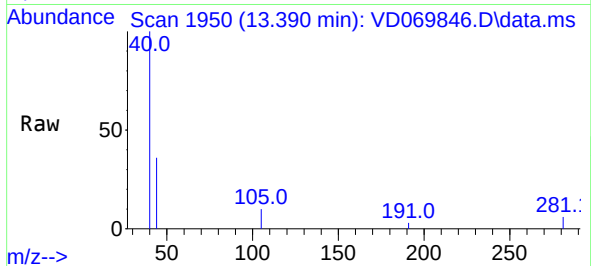




#85
sec-Butylbenzene
Concen: 8.751 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

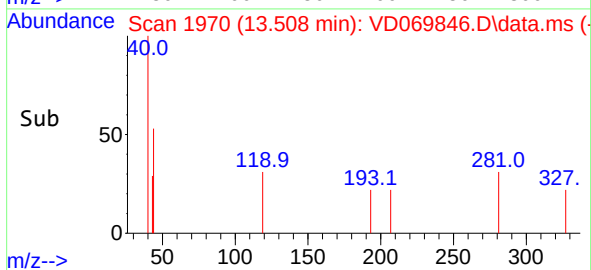
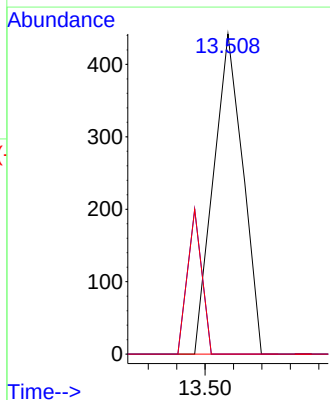
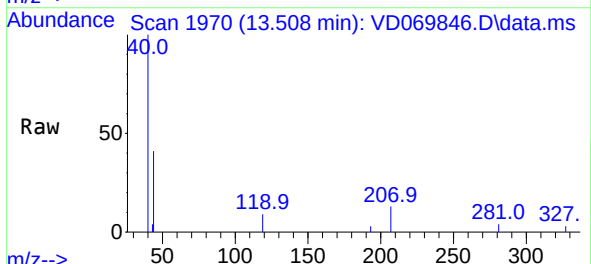
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

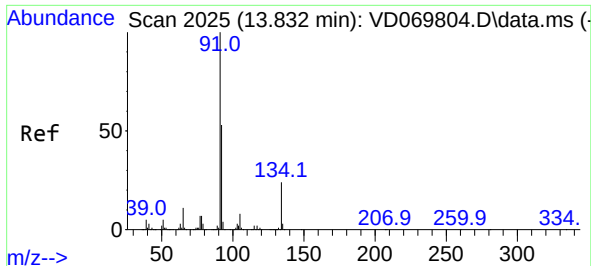
Tgt Ion:105 Resp: 448
Ion Ratio Lower Upper
105 100
134 0.0 9.6 28.6#



#86
p-Isopropyltoluene
Concen: 7.622 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion:119 Resp: 317
Ion Ratio Lower Upper
119 100
134 22.4 12.6 37.8
91 22.4 11.7 35.1

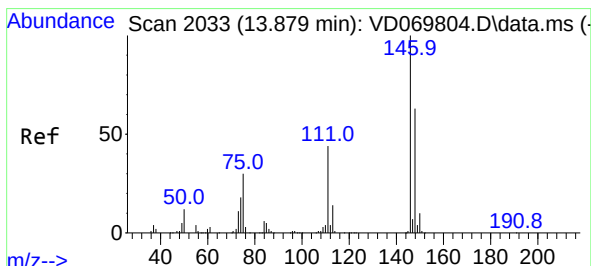
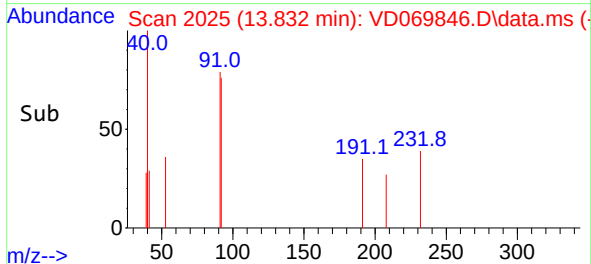
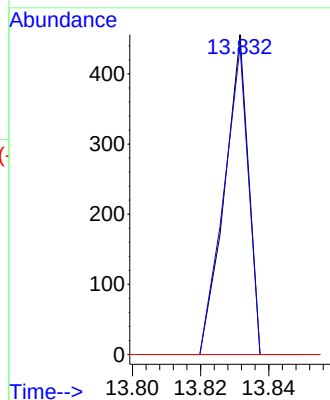
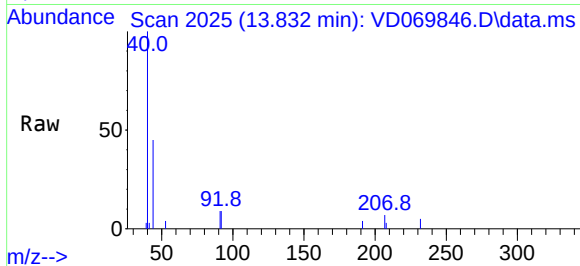




#89
n-Butylbenzene
Concen: 5.384 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

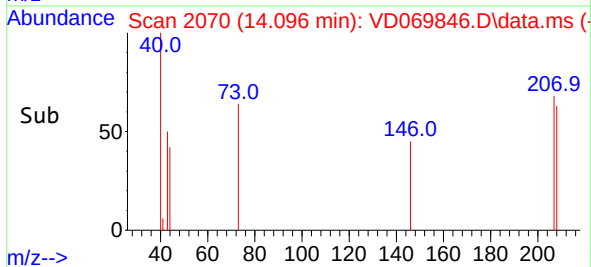
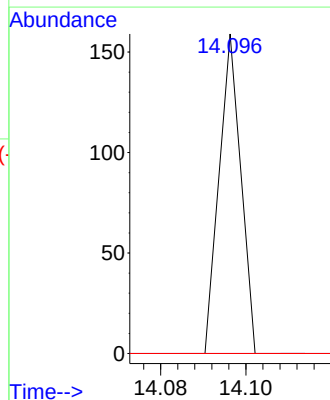
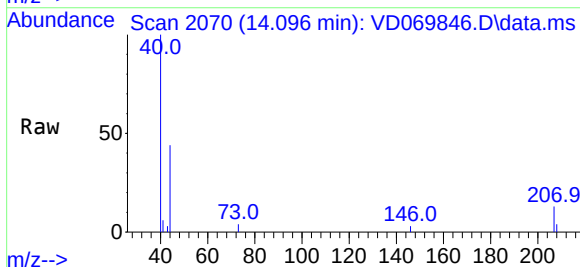
Instrument :
MSVOA_D
ClientSampleId :
20210729-34

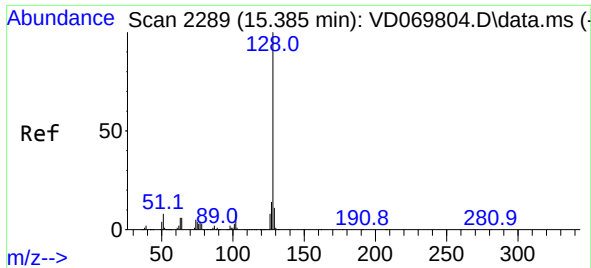
Tgt Ion:	91	Resp:	221
Ion	Ratio	Lower	Upper
91	100		
92	99.5	26.6	79.7#
134	0.0	11.9	35.7#



#91
1,2-Dichlorobenzene
Concen: 2.947 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.217 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Tgt Ion:	146	Resp:	56
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.7	65.1#
148	0.0	31.2	93.6#





#95
Naphthalene
Concen: 11.288 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD069846.D
Acq: 26 Jul 2021 14:29

Instrument :
MSVOA_D
ClientSampleId :
20210729-34

Tgt Ion:	128	Resp:	148
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	12.8#

