

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122920\
 Data File : VD067965.D
 Acq On : 29 Dec 2020 12:59
 Operator : VA/SY
 Sample : L5223-01
 Misc : 2.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 31303

Quant Time: Dec 30 00:13:12 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.991	168	267836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.873	114	540014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	450021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	213780	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	168136	58.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.26%	
35) Dibromofluoromethane	7.926	113	176421	51.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.70%	
50) Toluene-d8	10.379	98	669456	52.34	ug/l	0.04
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.68%	
62) 4-Bromofluorobenzene	12.632	95	228243	52.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.34%	

Target Compounds						Qvalue
5) Bromomethane	2.767	94	1621	Below Cal	#	68
9) 1,1,2-Trichlorotrifluo...	4.179	101	97572	31.96	ug/l #	21
10) Methyl Iodide	4.273	142	2227	4.51	ug/l #	85
11) Tert butyl alcohol	5.226	59	10641	9.22	ug/l #	74
13) Acrolein	3.873	56	2667	12.96	ug/l #	1
14) Allyl chloride	4.773	41	6134	1.18	ug/l #	40
15) Acrylonitrile	5.432	53	9262	13.17	ug/l #	76
17) Carbon Disulfide	4.367	76	10248	1.00	ug/l #	89
18) Methyl Acetate	4.714	43	309400	189.59	ug/l #	86
19) Methyl tert-butyl Ether	5.467	73	12944	2.13	ug/l #	1
20) Methylene Chloride	4.967	84	9954	Below Cal	#	70
23) Vinyl Acetate	6.273	43	18586	3.49	ug/l #	83
25) 2-Butanone	7.214	43	691895	849.63	ug/l #	90
29) Tetrahydrofuran	7.732	42	103912	188.64	ug/l #	1
30) Chloroform	7.667	83	50422	8.11	ug/l #	25
31) Cyclohexane	7.967	56	7402436	1252.02	ug/l #	53
37) Ethyl Acetate	7.214	43	691895	297.92	ug/l #	71
39) Methylcyclohexane	9.361	83	7485670	1137.47	ug/l	98
40) Benzene	8.355	78	5974194	358.82	ug/l	98
41) Methacrylonitrile	7.732	41	647488	495.29	ug/l #	65
42) 1,2-Dichloroethane	8.455	62	16007	3.57	ug/l #	1
43) Isopropyl Acetate	8.455	43	4087212	958.82	ug/l #	51
45) 1,2-Dichloropropane	9.414	63	4802	1.13	ug/l #	1
47) Bromodichloromethane	9.785	83	70186	12.63	ug/l #	41
48) Methyl methacrylate	9.414	41	718822	326.28	ug/l #	36
49) 1,4-Dioxane	9.355	88	180	8.00	ug/l #	1
51) 4-Methyl-2-Pentanone	10.344	43	91847	41.61	ug/l #	37
53) t-1,3-Dichloropropene	10.408	75	1133109	225.38	ug/l #	1
55) 1,1,2-Trichloroethane	10.791	97	371720	129.09	ug/l #	22
56) Ethyl methacrylate	10.649	69	23988	7.41	ug/l #	23
58) 2-Chloroethyl Vinyl ether	9.926	63	8949	5.50	ug/l #	48
59) 2-Hexanone	10.955	43	102179	70.44	ug/l #	28
67) Ethyl Benzene	11.743	91	3537609	204.33	ug/l	99
68) m/p-Xylenes	11.849	106	3546870	537.57	ug/l	99
69) o-Xylene	12.179	106	1492804	252.85	ug/l	100
70) Styrene	12.185	104	74976	7.35	ug/l #	1

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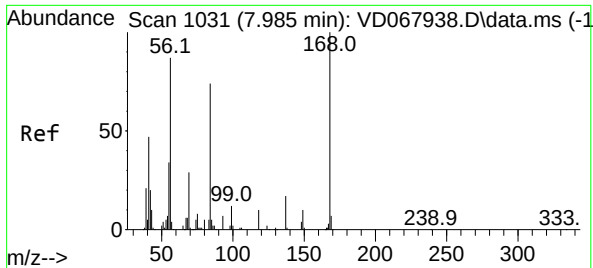
Instrument :
 MSVOA_D
 ClientSampleId :
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Quant Time: Dec 30 00:13:12 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

73) Isopropylbenzene	12.479	105	750589	47.30	ug/l	99
74) N-amyl acetate	12.267	43	162113	45.01	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.708	83	13636	4.63	ug/l #	25
76) 1,2,3-Trichloropropane	12.820	75	13913	7.73	ug/l #	100
78) n-propylbenzene	12.820	91	2169327	109.98	ug/l	98
79) 2-Chlorotoluene	12.885	91	583619	52.37	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.961	105	2155544	163.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.485	75	8559	9.75	ug/l #	55
82) 4-Chlorotoluene	12.961	91	238116	20.33	ug/l #	43
83) tert-Butylbenzene	13.267	119	988931	91.24	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.267	105	7913420	598.73	ug/l	97
85) sec-Butylbenzene	13.402	105	967779	61.02	ug/l	85
86) p-Isopropyltoluene	13.514	119	596618	42.75	ug/l	99
89) n-Butylbenzene	13.843	91	1483568	107.16	ug/l #	72
90) Hexachloroethane	14.114	117	234495	82.23	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.526	75	3707	8.04	ug/l #	7
95) Naphthalene	15.396	128	1498595	235.06	ug/l	99

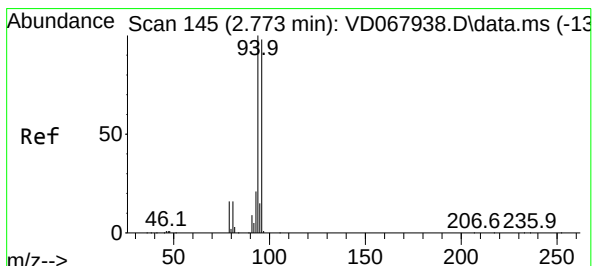
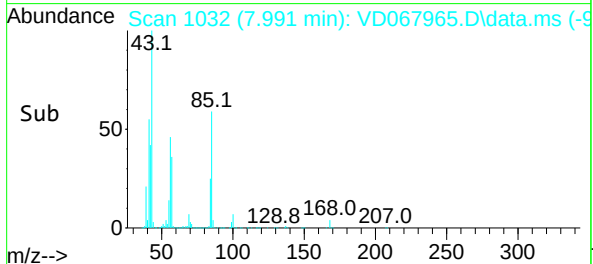
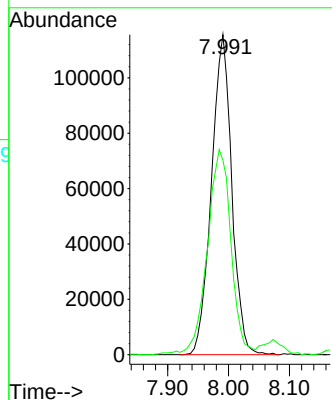
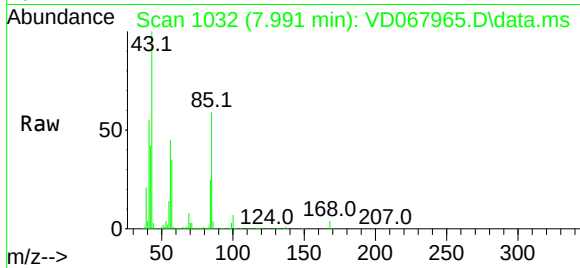
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

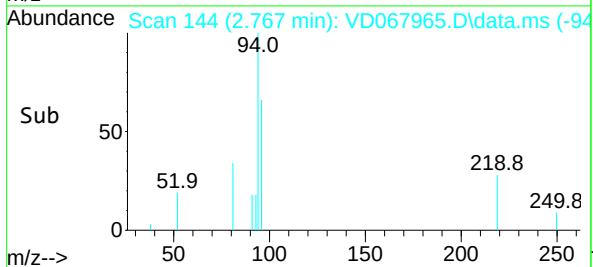
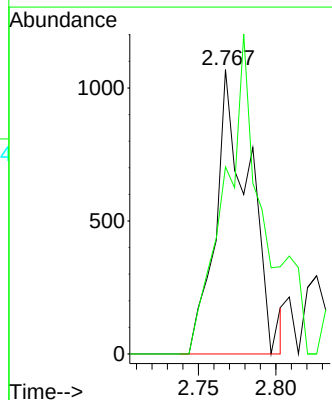
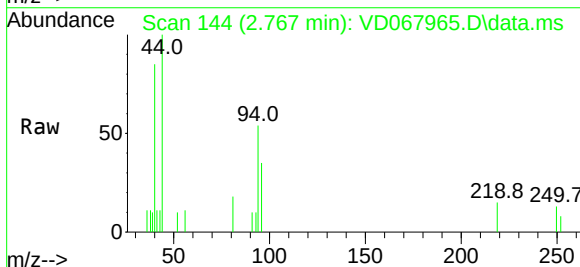
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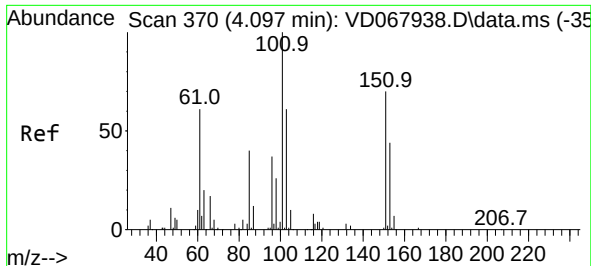
Tgt Ion:168 Resp: 267836
Ion Ratio Lower Upper
168 100
99 60.0 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 94 Resp: 1621
Ion Ratio Lower Upper
94 100
96 65.8 78.0 117.0#

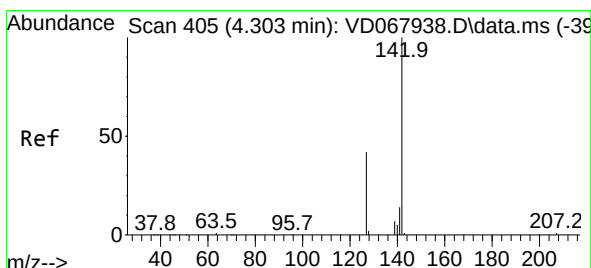
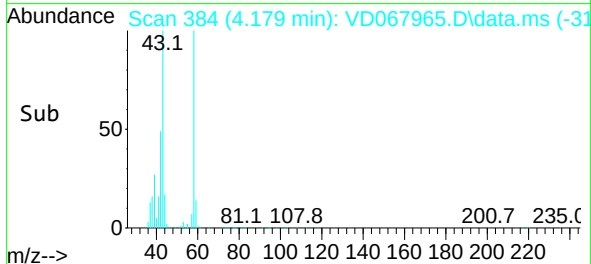
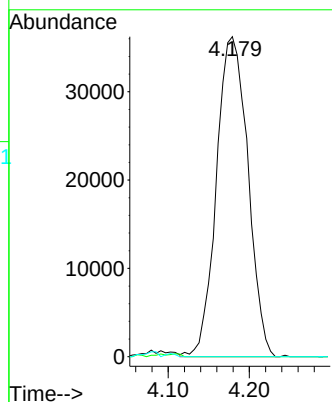
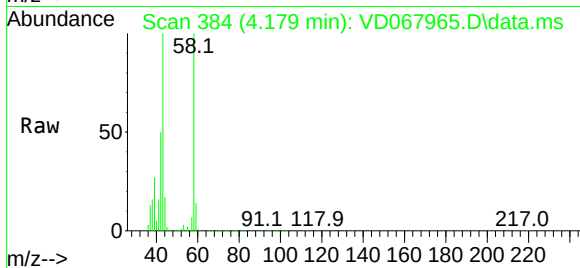




#9
1,1,2-Trichlorotrifluoroethane
Concen: 31.96 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.082 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

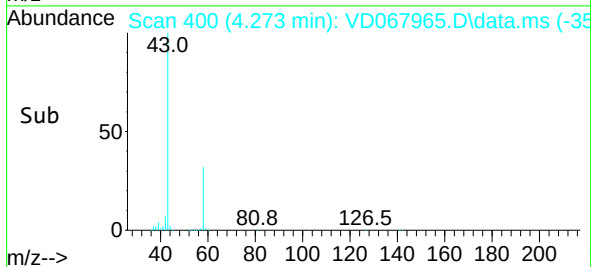
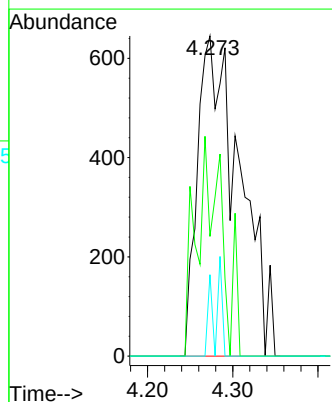
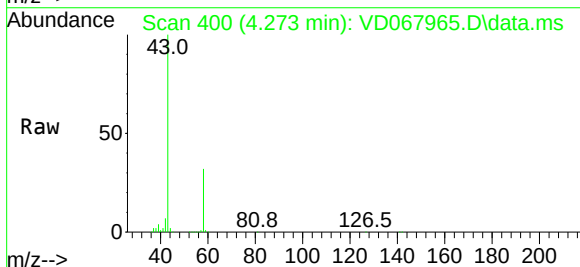
Instrument :
MSVOA_D
ClientSampleId :
31303

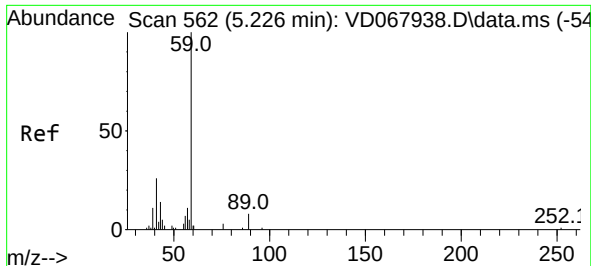
Tgt Ion:101 Resp: 97572
Ion Ratio Lower Upper
101 100
85 0.0 34.2 51.2#
151 0.0 57.6 86.4#



#10
Methyl Iodide
Concen: 4.51 ug/l
RT: 4.273 min Scan# 400
Delta R.T. -0.030 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:142 Resp: 2227
Ion Ratio Lower Upper
142 100
127 36.8 34.4 51.6
141 2.6 11.8 17.8#





#11

Tert butyl alcohol

Concen: 9.22 ug/l

RT: 5.226 min Scan# 562

Delta R.T. 0.000 min

Lab File: VD067965.D

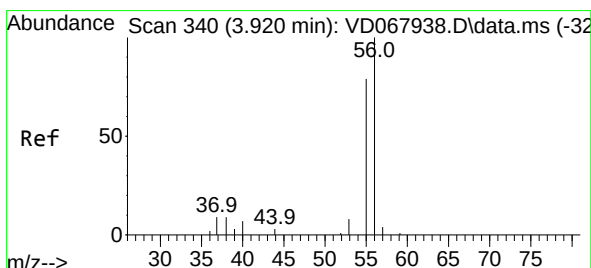
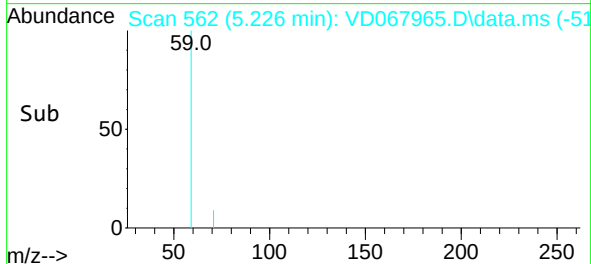
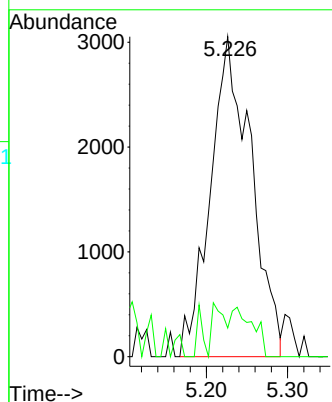
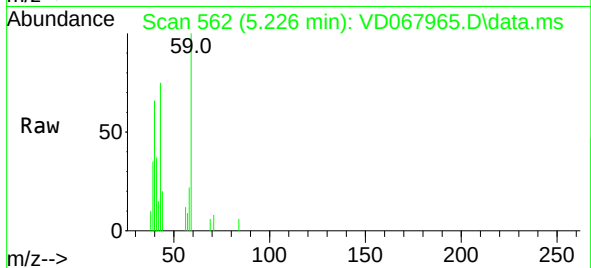
Acq: 29 Dec 2020 12:59

Tgt Ion: 59 Resp: 10641

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 12.96 ug/l

RT: 3.873 min Scan# 332

Delta R.T. -0.047 min

Lab File: VD067965.D

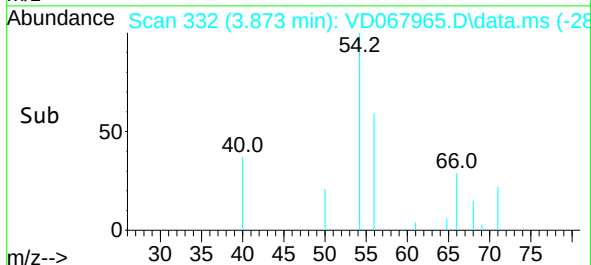
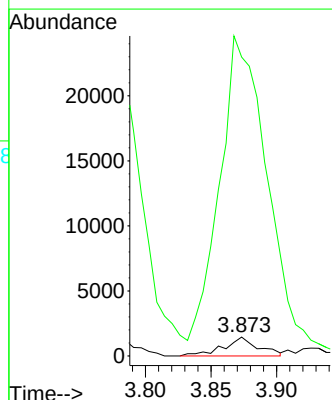
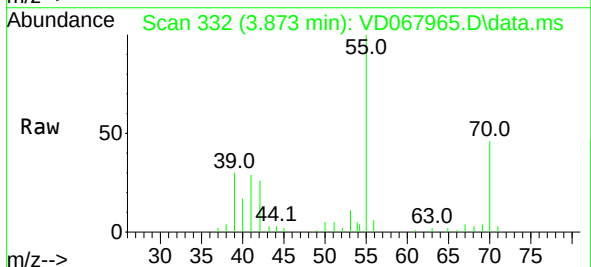
Acq: 29 Dec 2020 12:59

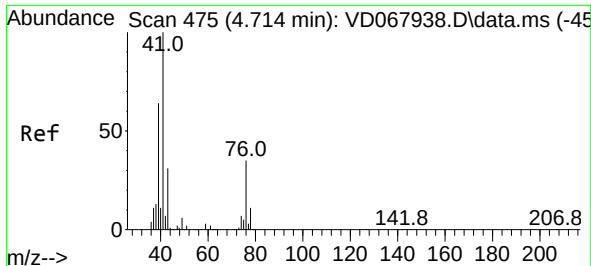
Tgt Ion: 56 Resp: 2667

Ion Ratio Lower Upper

56 100

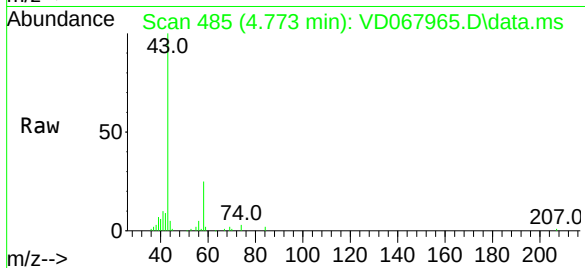
55 2319.5 58.5 87.7#



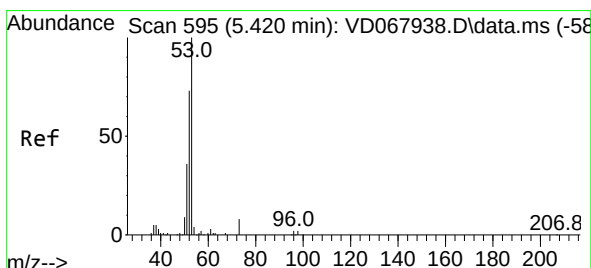
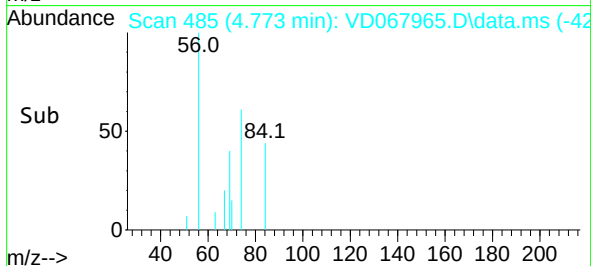
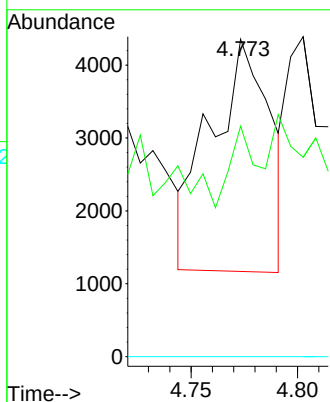


#14
 Allyl chloride
 Concen: 1.18 ug/l
 RT: 4.773 min Scan# 485
 Delta R.T. 0.059 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

Instrument :
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 ClientSampled :
 31303

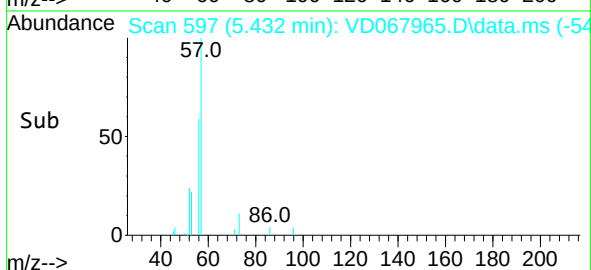
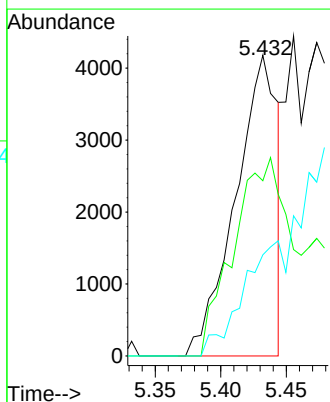
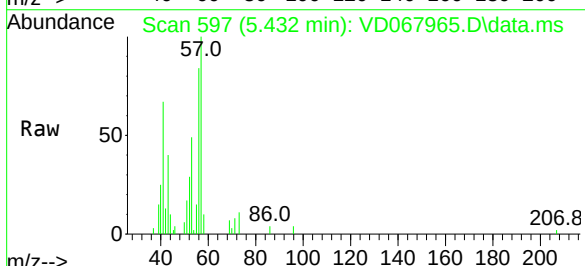


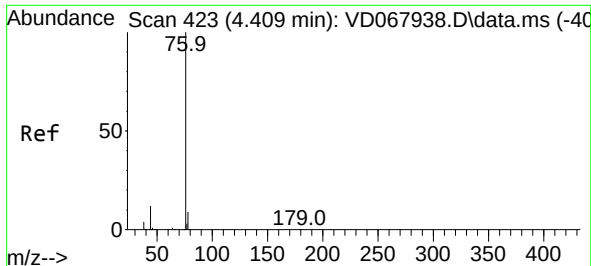
Tgt Ion: 41 Resp: 6134
 Ion Ratio Lower Upper
 41 100
 39 15.7 50.5 75.7#
 76 0.0 27.0 40.4#



#15
 Acrylonitrile
 Concen: 13.17 ug/l
 RT: 5.432 min Scan# 597
 Delta R.T. 0.012 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

Tgt Ion: 53 Resp: 9262
 Ion Ratio Lower Upper
 53 100
 52 88.3 65.3 97.9
 51 0.0 29.4 44.2#

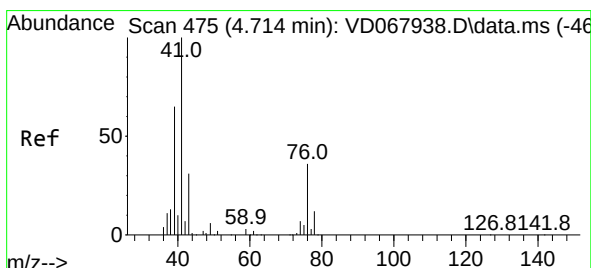
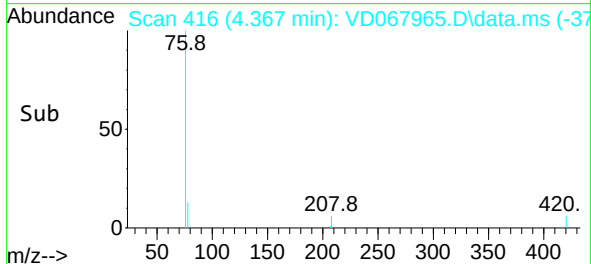
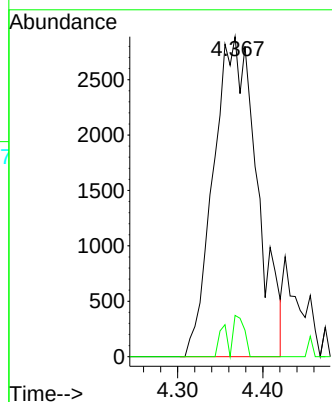
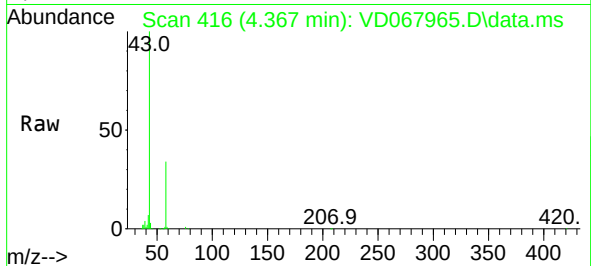




#17
Carbon Disulfide
Concen: 1.00 ug/l
RT: 4.367 min Scan# 416
Delta R.T. -0.041 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

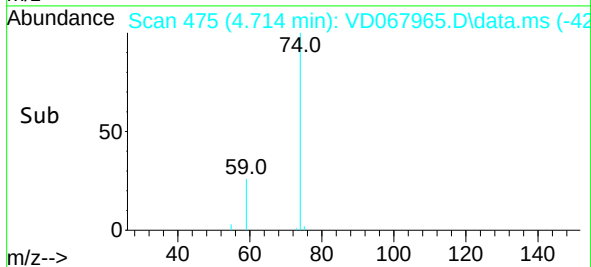
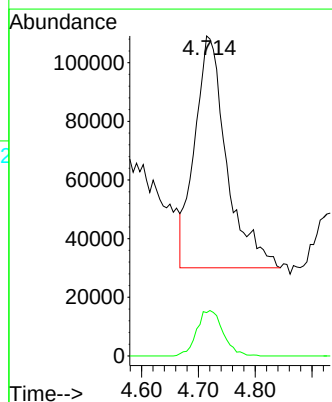
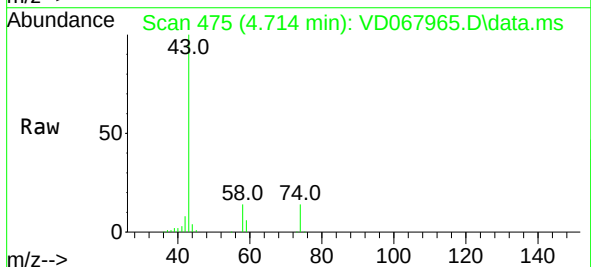
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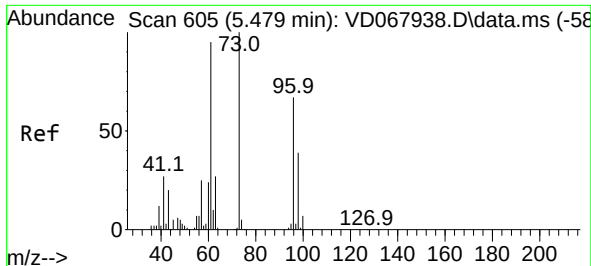
Tgt Ion: 76 Resp: 10248
Ion Ratio Lower Upper
76 100
78 12.9 7.1 10.7#



#18
Methyl Acetate
Concen: 189.59 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 43 Resp: 309400
Ion Ratio Lower Upper
43 100
74 16.1 18.2 27.2#

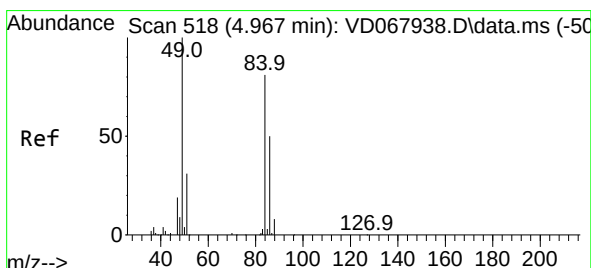
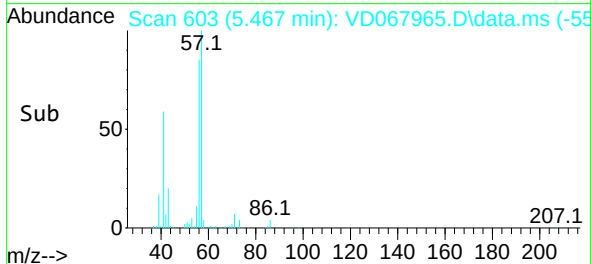
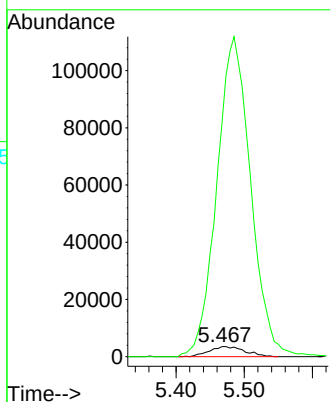
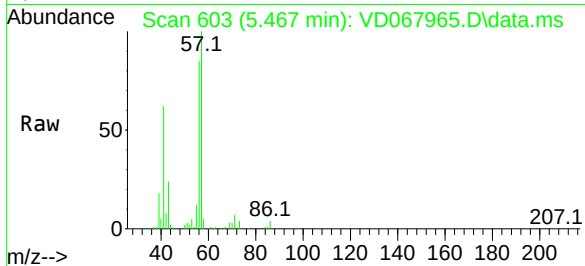




#19
Methyl tert-butyl Ether
Concen: 2.13 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.012 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

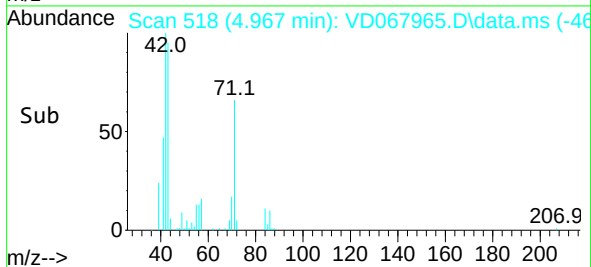
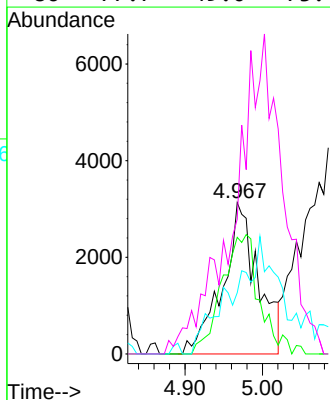
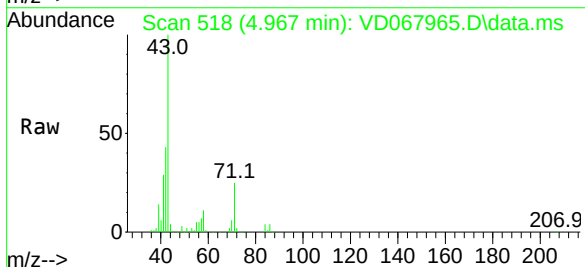
Instrument :
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ClientSampled :
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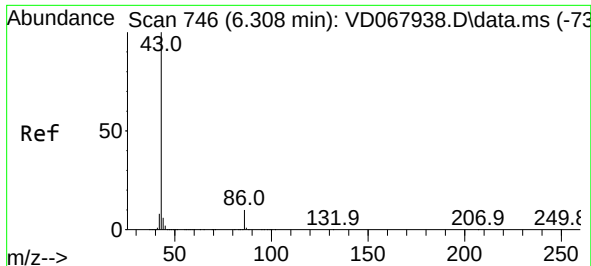
Tgt Ion: 73 Resp: 12944
Ion Ratio Lower Upper
73 100
57 2306.4 19.8 29.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 84 Resp: 9954
Ion Ratio Lower Upper
84 100
49 77.1 98.3 147.5#
51 33.5 30.3 45.5
86 77.7 49.0 73.4#

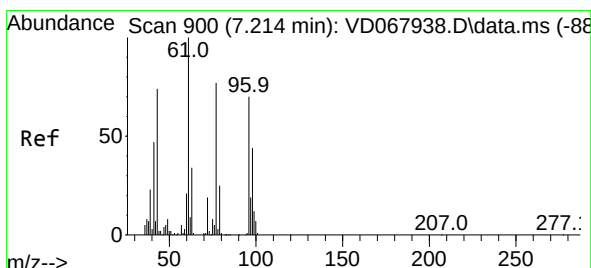
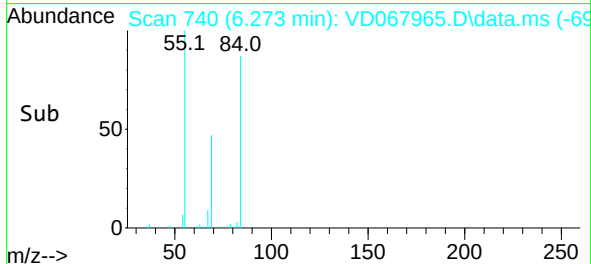
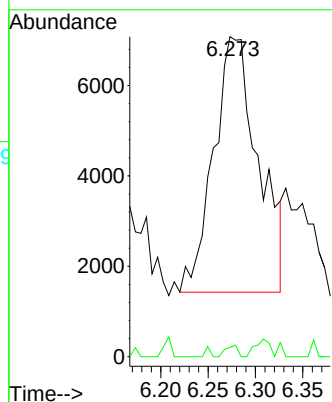
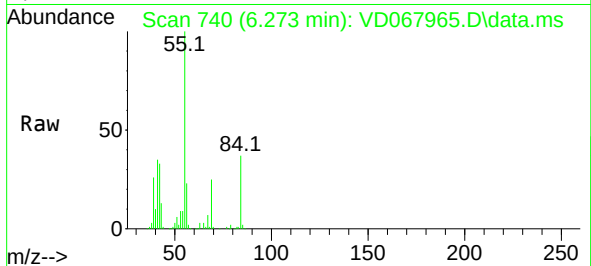




#23
 Vinyl Acetate
 Concen: 3.49 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. -0.035 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

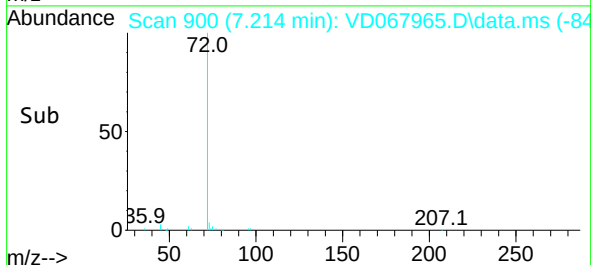
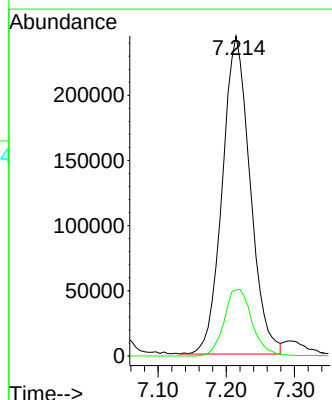
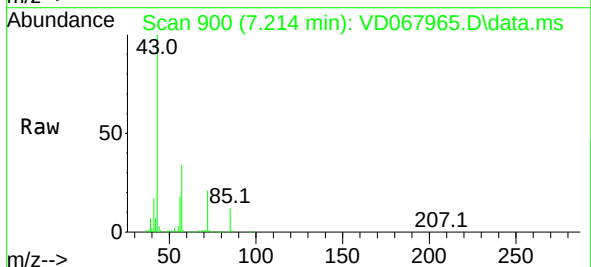
Instrument :
 MSVOA_D
 ClientSampleId :
 31303

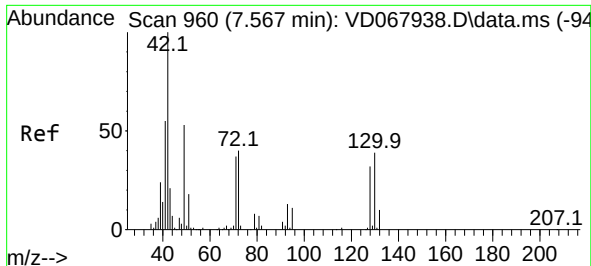
Tgt Ion: 43 Resp: 18586
 Ion Ratio Lower Upper
 43 100
 86 3.6 7.9 11.9#



#25
 2-Butanone
 Concen: 849.63 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

Tgt Ion: 43 Resp: 691895
 Ion Ratio Lower Upper
 43 100
 72 20.7 20.8 31.2#





#29

Tetrahydrofuran

Concen: 188.64 ug/l

RT: 7.732 min Scan# 988

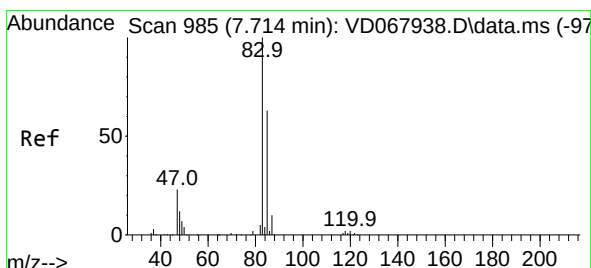
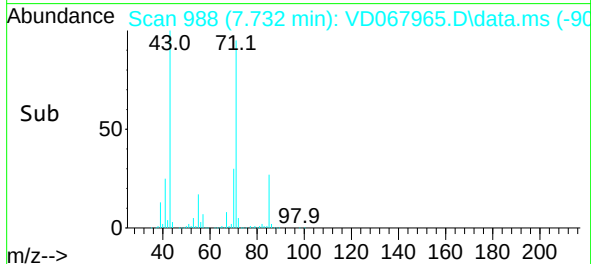
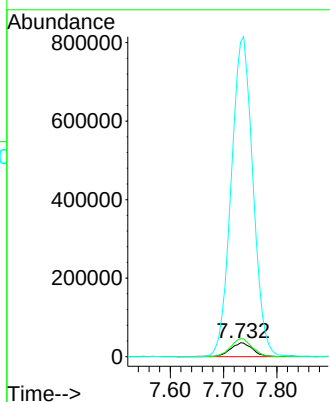
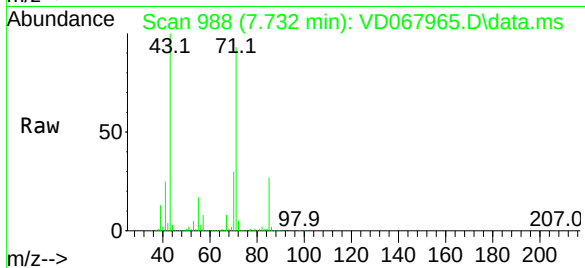
Delta R.T. 0.165 min

Lab File: VD067965.D

Acq: 29 Dec 2020 12:59

Instrument :
MSVOA_D
ClientSampleId :
31303

Tgt Ion: 42 Resp: 103912
Ion Ratio Lower Upper
42 100
72 123.8 32.9 49.3#
71 2225.9 29.9 44.9#



#30

Chloroform

Concen: 8.11 ug/l

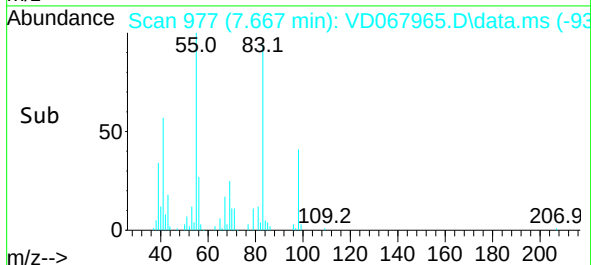
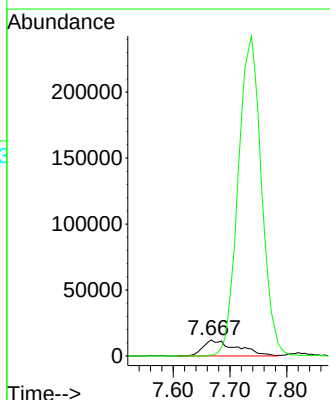
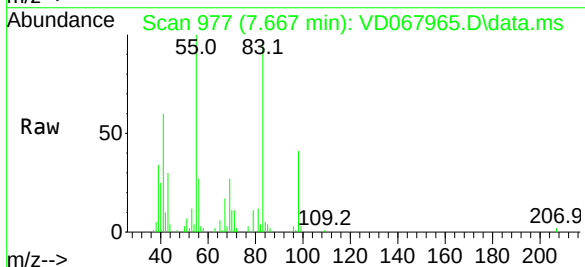
RT: 7.667 min Scan# 977

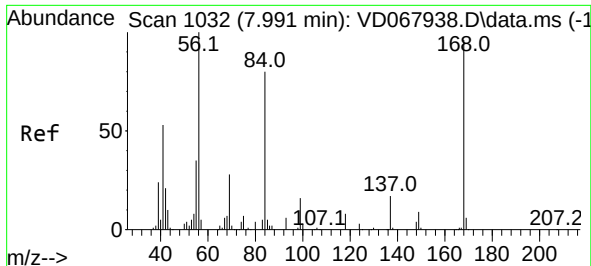
Delta R.T. -0.047 min

Lab File: VD067965.D

Acq: 29 Dec 2020 12:59

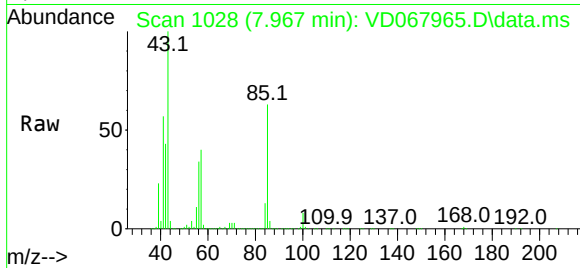
Tgt Ion: 83 Resp: 50422
Ion Ratio Lower Upper
83 100
85 4.6 50.5 75.7#



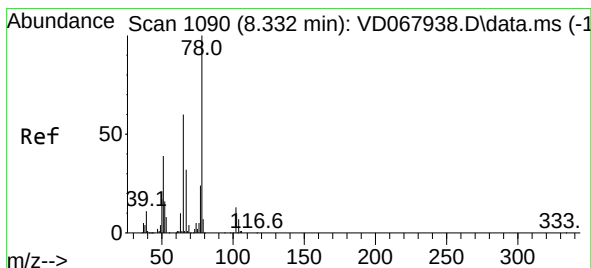
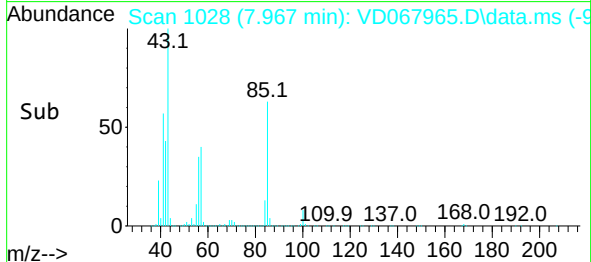
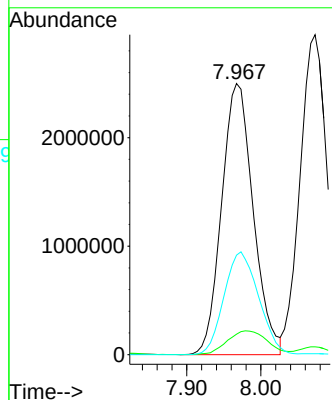


#31
Cyclohexane
Concen: 1252.02 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.024 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Instrument :
MSVOA_D
ClientSampleId :
31303

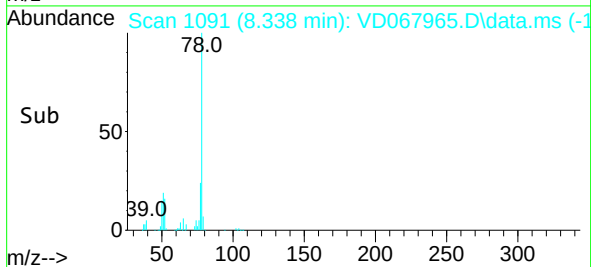
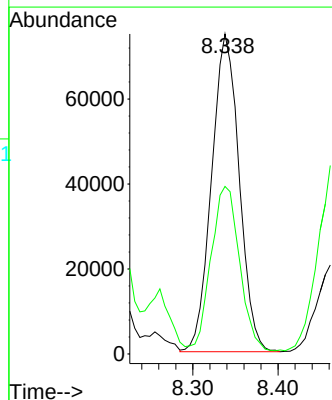
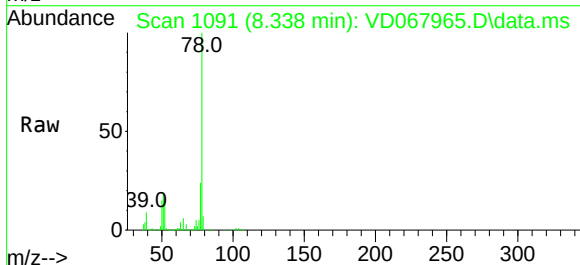


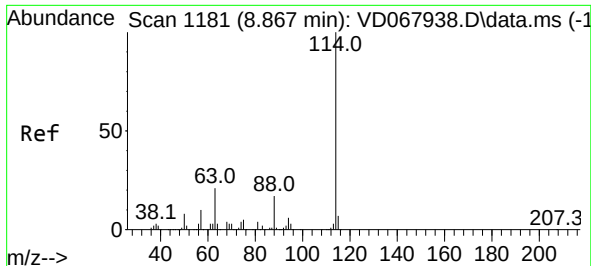
Tgt Ion: 56 Resp: 7402436
Ion Ratio Lower Upper
56 100
69 7.5 22.7 34.1#
84 36.7 64.2 96.4#



#33
1,2-Dichloroethane-d4
Concen: 58.13 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 65 Resp: 168136
Ion Ratio Lower Upper
65 100
67 53.4 0.0 110.0

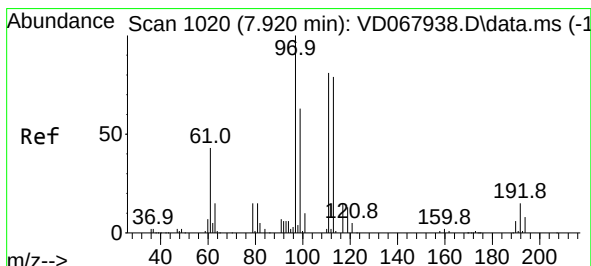
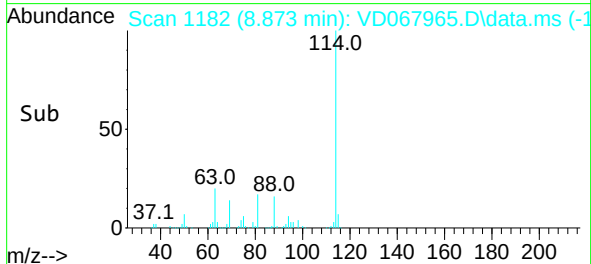
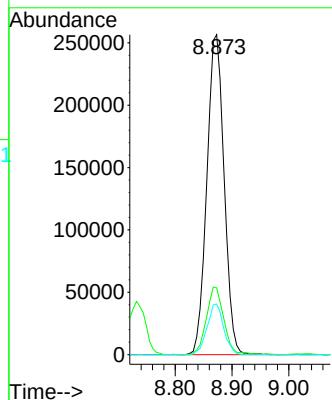
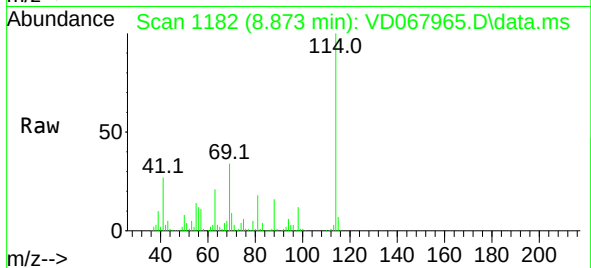




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.873 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

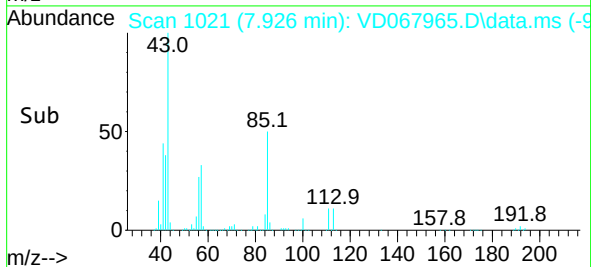
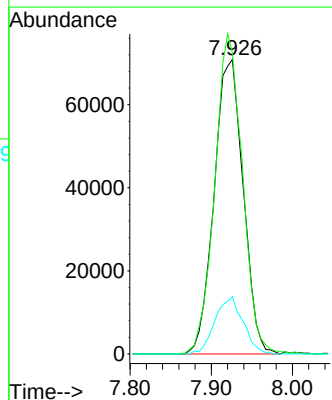
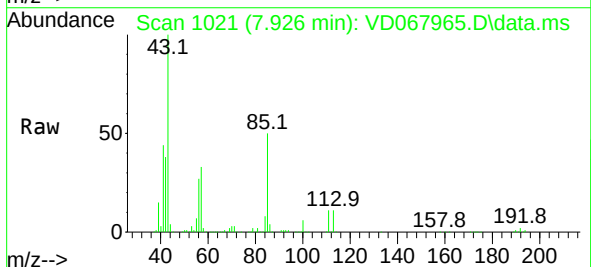
Instrument :
MSVOA_D
ClientSampleId :
31303

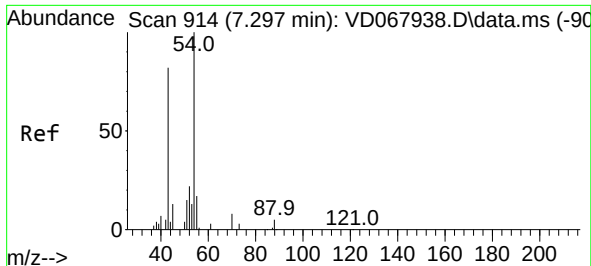
Tgt Ion:114 Resp: 540014
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.4
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.85 ug/l
RT: 7.926 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:113 Resp: 176421
Ion Ratio Lower Upper
113 100
111 103.7 79.3 118.9
192 18.7 14.5 21.7





#37

Ethyl Acetate

Concen: 297.92 ug/l

RT: 7.214 min Scan# 900

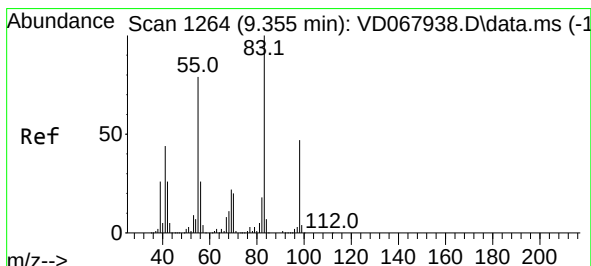
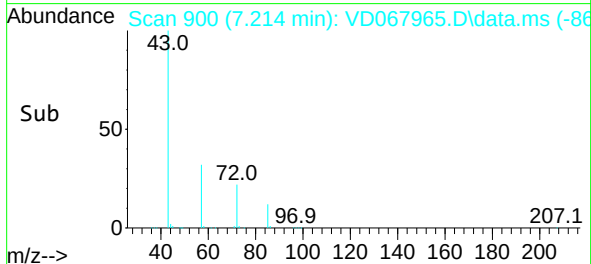
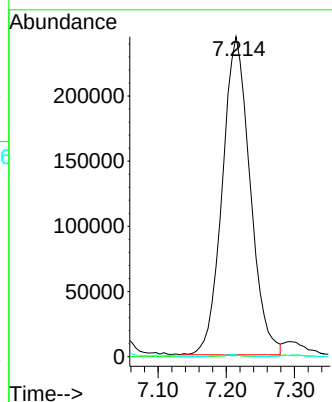
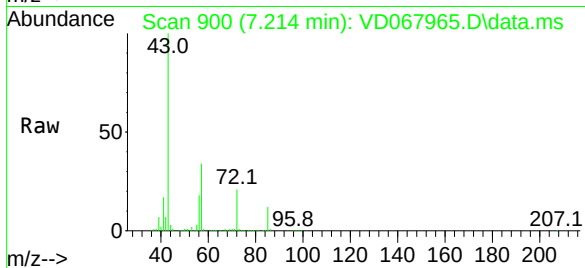
Delta R.T. -0.082 min

Lab File: VD067965.D

Acq: 29 Dec 2020 12:59

Instrument :
MSVOA_D
ClientSampleId :
31303

Tgt Ion:	43	Resp:	691895
Ion	Ratio	Lower	Upper
43	100		
61	0.3	10.2	15.4#
70	0.6	8.3	12.5#



#39

Methylcyclohexane

Concen: 1137.47 ug/l

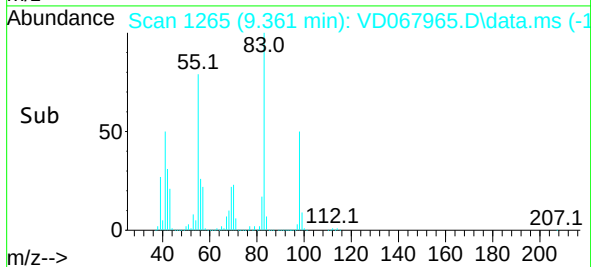
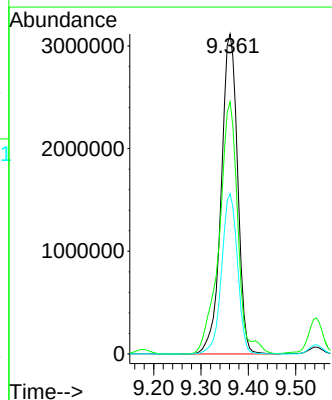
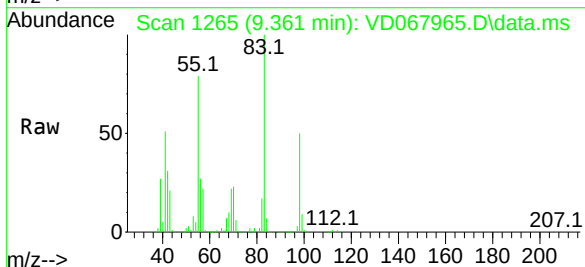
RT: 9.361 min Scan# 1265

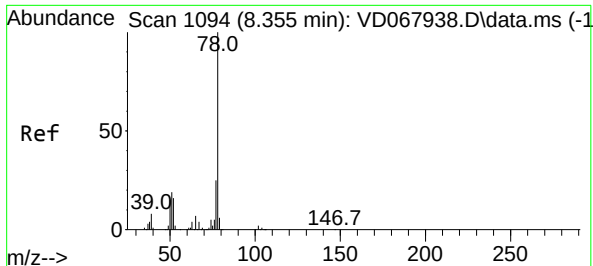
Delta R.T. 0.006 min

Lab File: VD067965.D

Acq: 29 Dec 2020 12:59

Tgt Ion:	83	Resp:	7485670
Ion	Ratio	Lower	Upper
83	100		
55	78.7	63.5	95.3
98	50.1	37.3	55.9

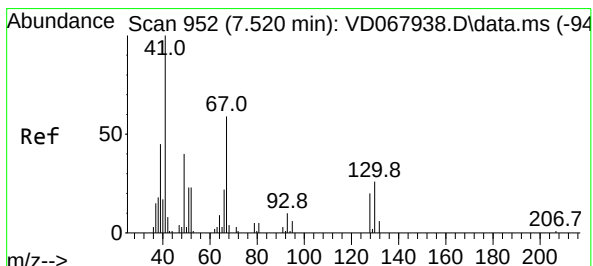
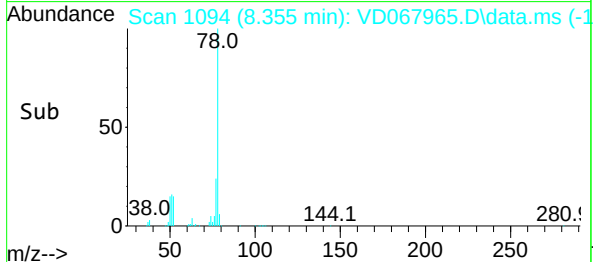
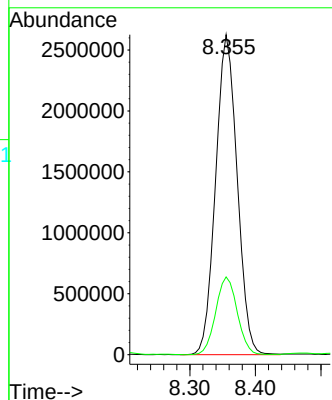
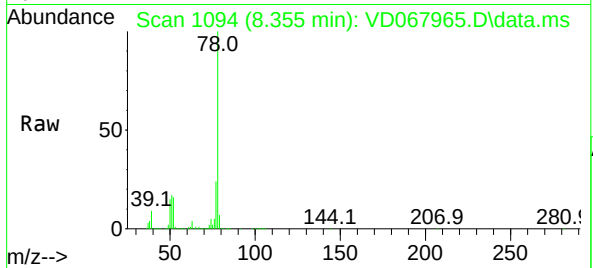




#40
Benzene
Concen: 358.82 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

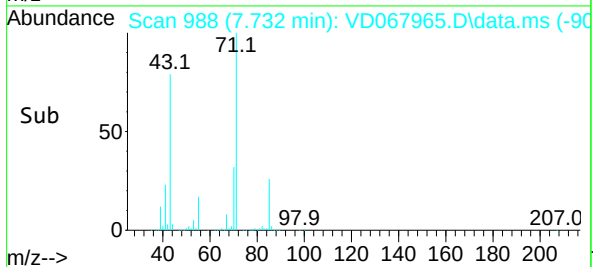
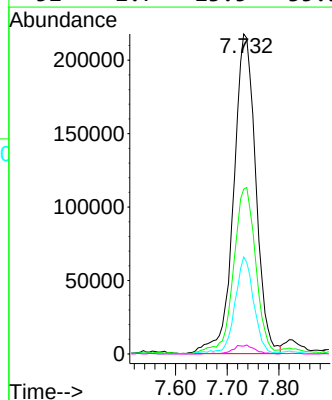
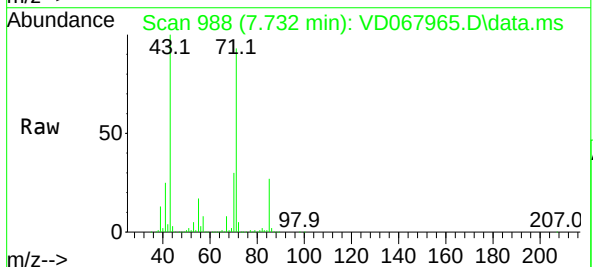
Instrument :
MSVOA_D
ClientSampleId :
31303

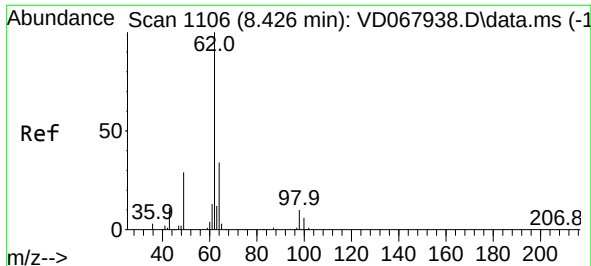
Tgt Ion: 78 Resp: 5974194
Ion Ratio Lower Upper
78 100
77 24.3 20.1 30.1



#41
Methacrylonitrile
Concen: 495.29 ug/l
RT: 7.732 min Scan# 988
Delta R.T. 0.212 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 41 Resp: 647488
Ion Ratio Lower Upper
41 100
39 52.1 46.2 69.2
67 26.0 55.1 82.7#
52 2.7 23.5 35.3#





#42

1,2-Dichloroethane

Concen: 3.57 ug/l

RT: 8.455 min Scan# 1111

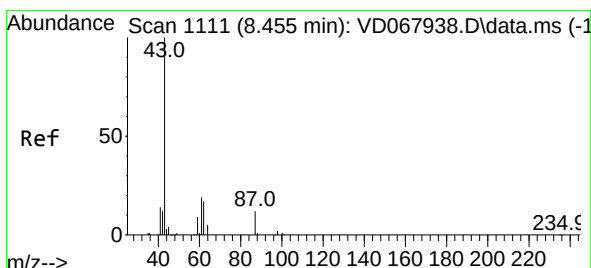
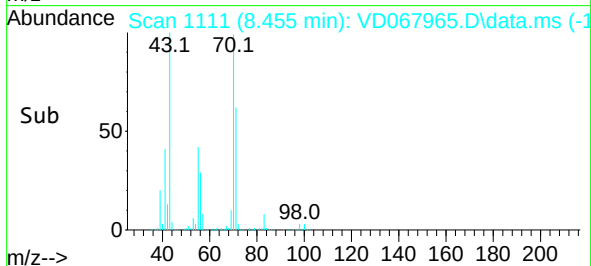
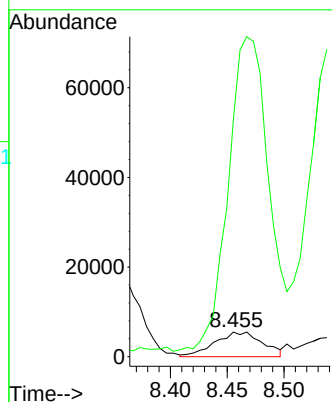
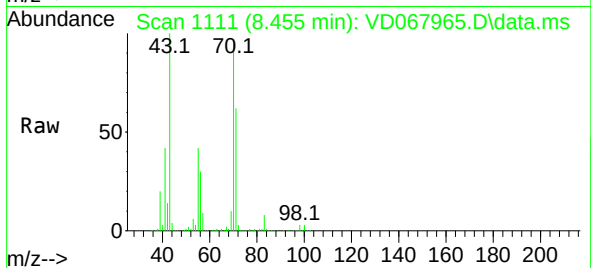
Delta R.T. 0.029 min

Lab File: VD067965.D

Acq: 29 Dec 2020 12:59

Tgt Ion: 62 Resp: 16007
 Ion Ratio Lower Upper
 62 100
 98 1080.5 0.0 20.4#

Instrument :
 MSVOA_D
 ClientSampleId :
 31303



#43

Isopropyl Acetate

Concen: 958.82 ug/l

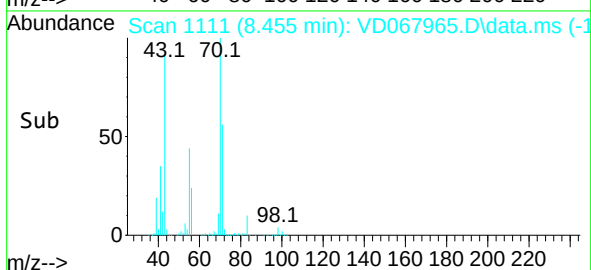
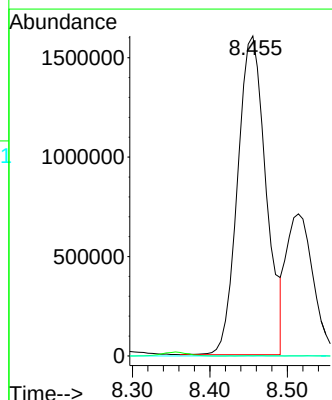
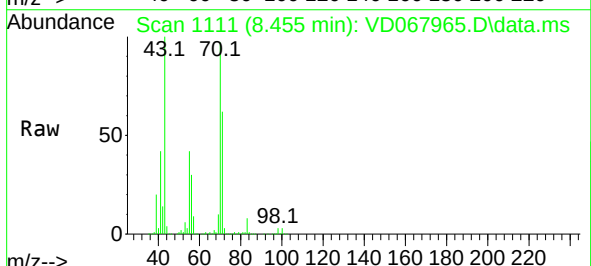
RT: 8.455 min Scan# 1111

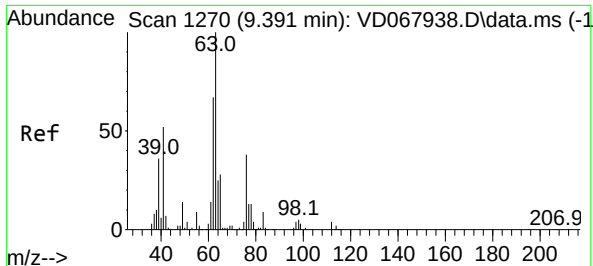
Delta R.T. 0.000 min

Lab File: VD067965.D

Acq: 29 Dec 2020 12:59

Tgt Ion: 43 Resp: 4087212
 Ion Ratio Lower Upper
 43 100
 61 0.1 24.5 36.7#
 87 0.0 9.8 14.8#



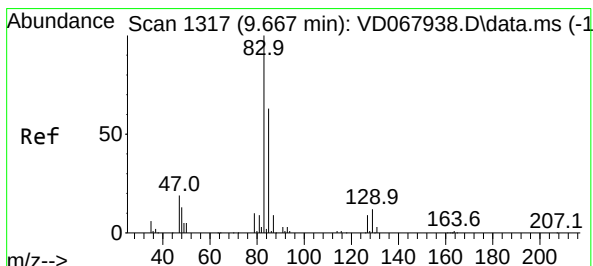
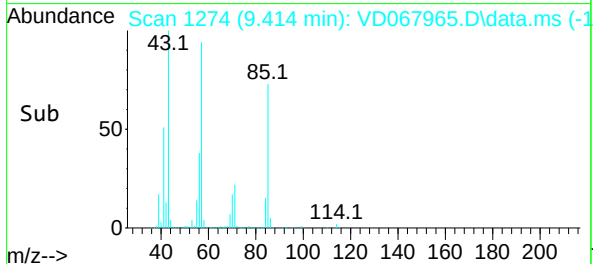
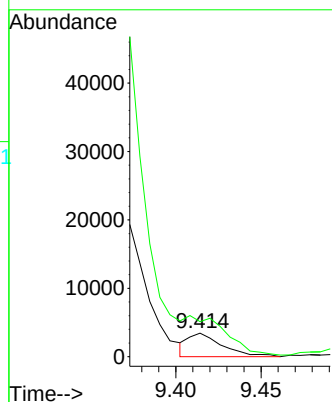
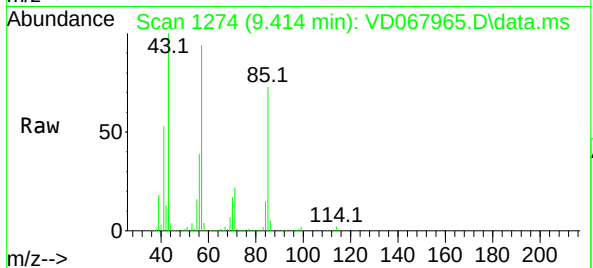


#45

1,2-Dichloropropane
Concen: 1.13 ug/l
RT: 9.414 min Scan# 1274
Delta R.T. 0.024 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Instrument :
MSVOA_D
ClientSampleId :
31303

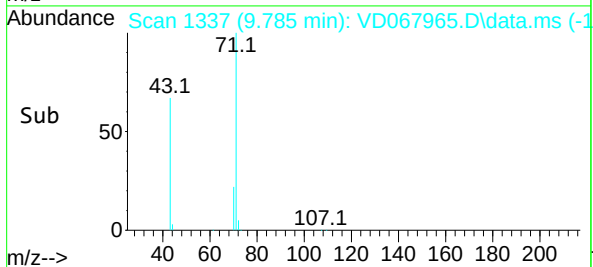
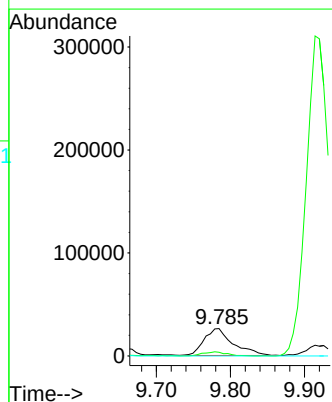
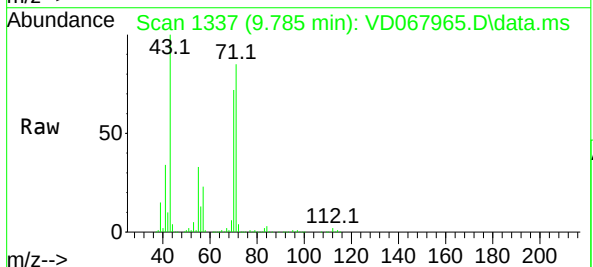
Tgt Ion: 63 Resp: 4802
Ion Ratio Lower Upper
63 100
65 142.1 22.7 34.1#

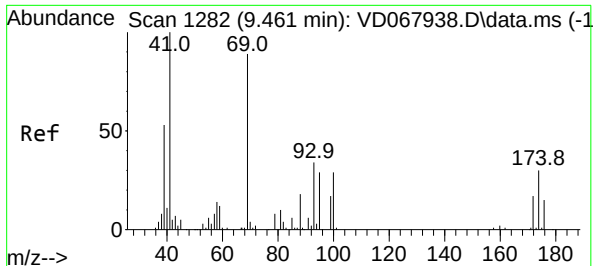


#47

Bromodichloromethane
Concen: 12.63 ug/l
RT: 9.785 min Scan# 1337
Delta R.T. 0.118 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 83 Resp: 70186
Ion Ratio Lower Upper
83 100
85 13.7 50.5 75.7#
127 0.0 7.2 10.8#





#48

Methyl methacrylate

Concen: 326.28 ug/l

RT: 9.414 min Scan# 1274

Delta R.T. -0.047 min

Lab File: VD067965.D

Acq: 29 Dec 2020 12:59

Instrument :

MSVOA_D

ClientSampleId :

31303

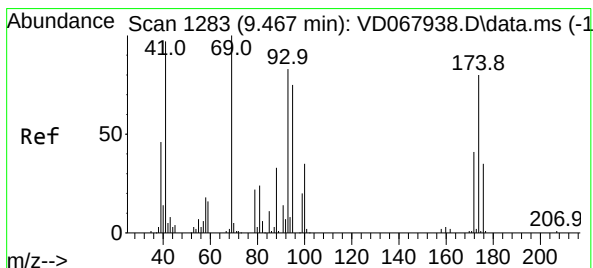
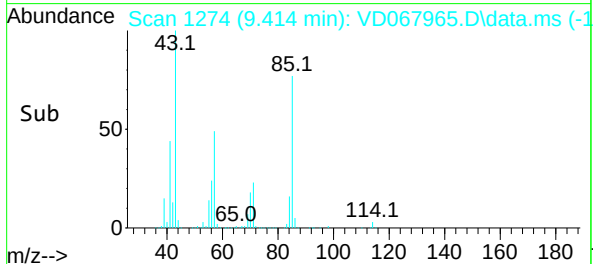
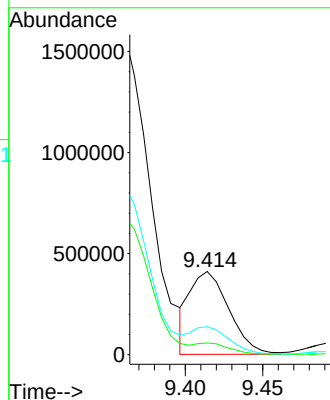
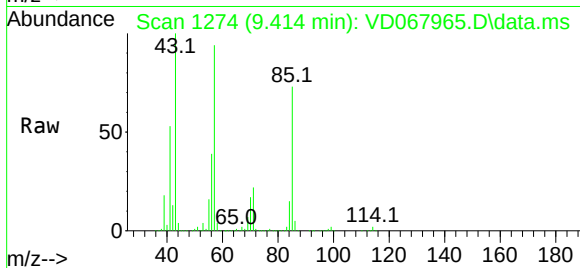
Tgt Ion: 41 Resp: 718822

Ion Ratio Lower Upper

41 100

69 0.0 63.9 95.9#

39 34.1 37.4 56.0#



#49

1,4-Dioxane

Concen: 8.00 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.112 min

Lab File: VD067965.D

Acq: 29 Dec 2020 12:59

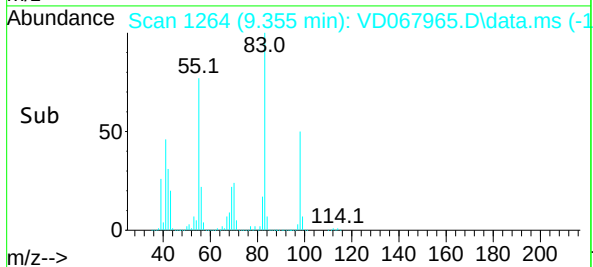
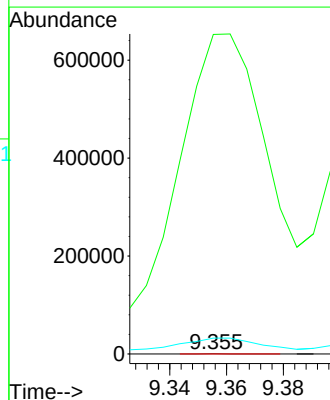
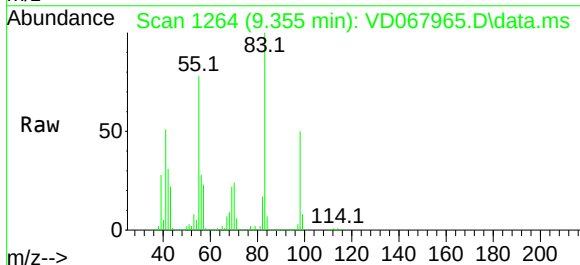
Tgt Ion: 88 Resp: 180

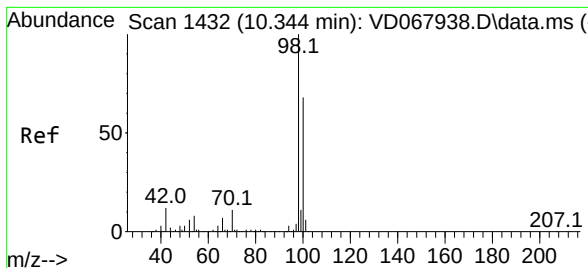
Ion Ratio Lower Upper

88 100

43 886666.7 27.3 40.9#

58 46535.6 54.8 82.2#

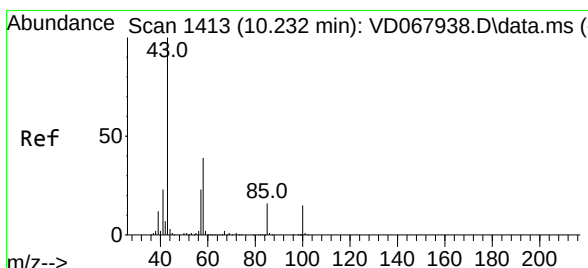
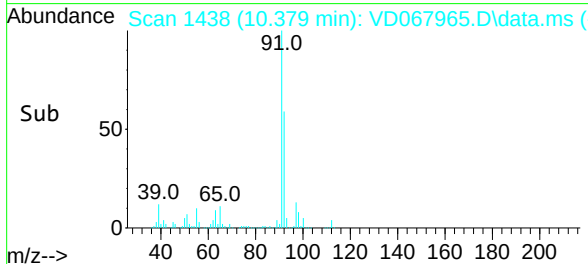
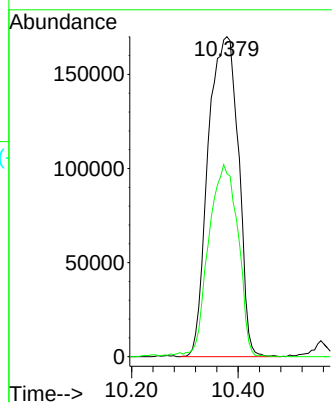
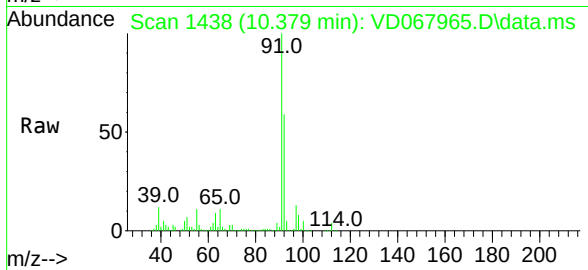




#50
Toluene-d8
Concen: 52.34 ug/l
RT: 10.379 min Scan# 1438
Delta R.T. 0.035 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

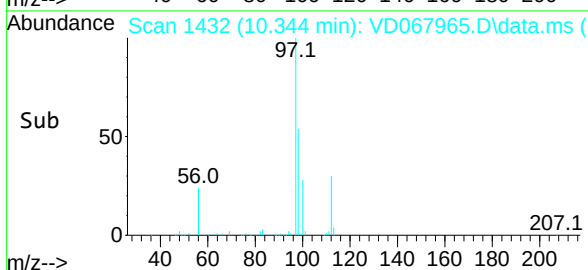
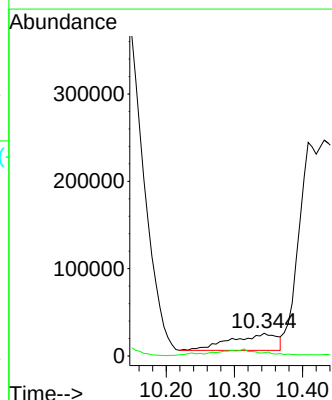
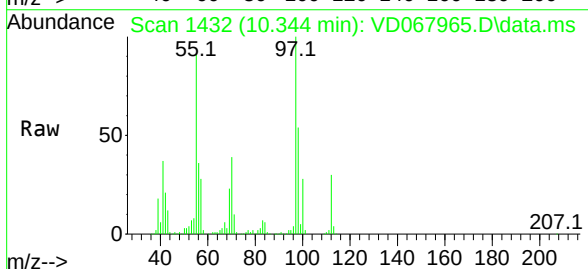
Instrument :
MSVOA_D
ClientSampleId :
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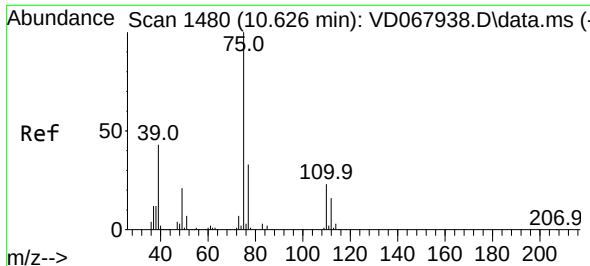
Tgt Ion: 98 Resp: 669456
Ion Ratio Lower Upper
98 100
100 58.0 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 41.61 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 43 Resp: 91847
Ion Ratio Lower Upper
43 100
58 0.0 30.0 45.0#

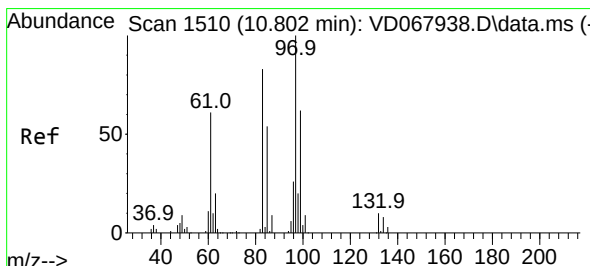
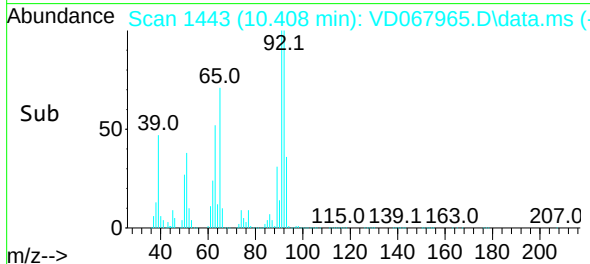
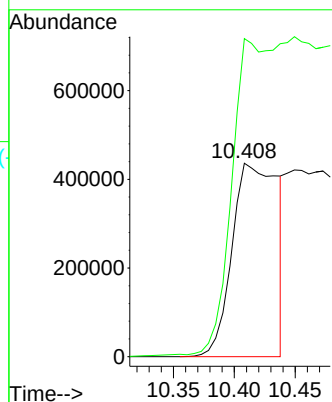
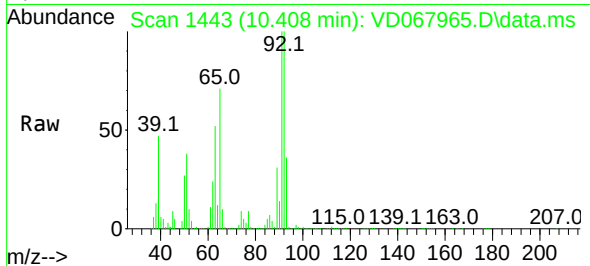




#53
t-1,3-Dichloropropene
Concen: 225.38 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. -0.218 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

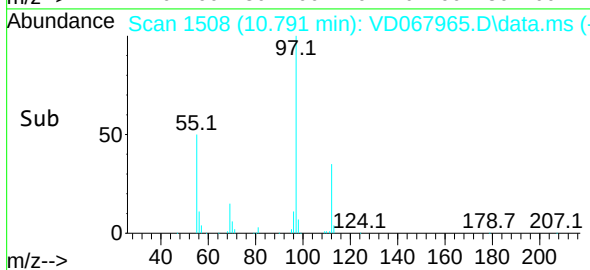
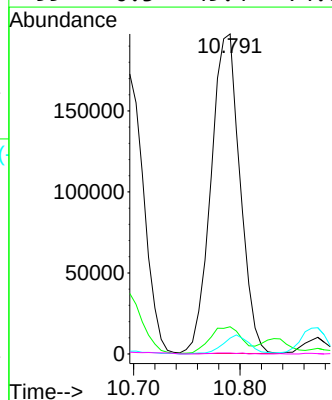
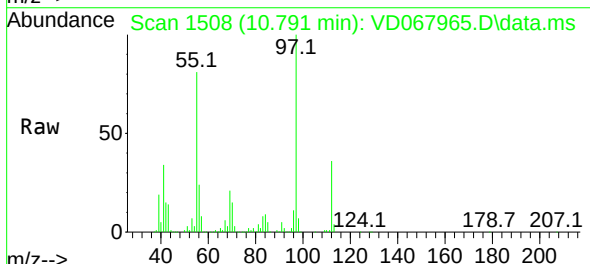
Instrument :
MSVOA_D
ClientSampled :
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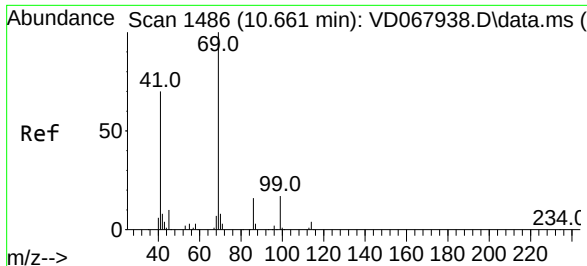
Tgt Ion: 75 Resp: 1133109
Ion Ratio Lower Upper
75 100
77 163.1 26.8 40.2#



#55
1,1,2-Trichloroethane
Concen: 129.09 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.012 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 97 Resp: 371720
Ion Ratio Lower Upper
97 100
83 8.3 66.4 99.6#
85 5.0 43.4 65.0#
99 0.3 49.4 74.0#

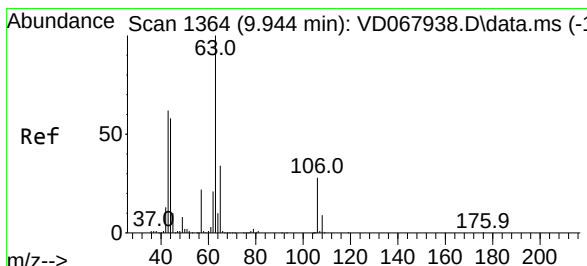
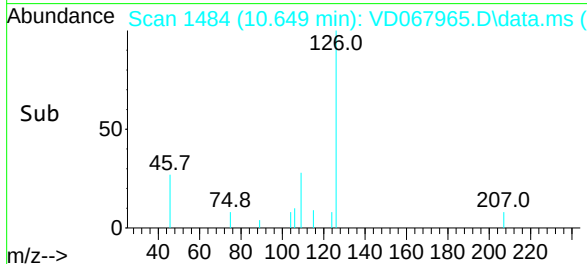
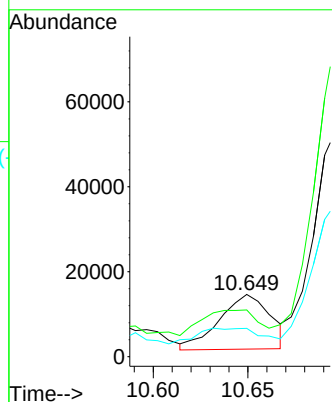
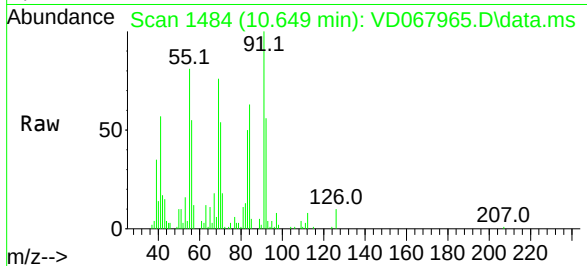




#56
Ethyl methacrylate
Concen: 7.41 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.012 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

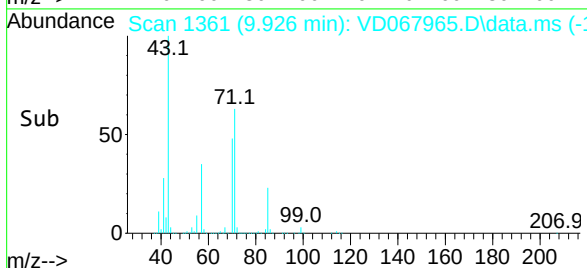
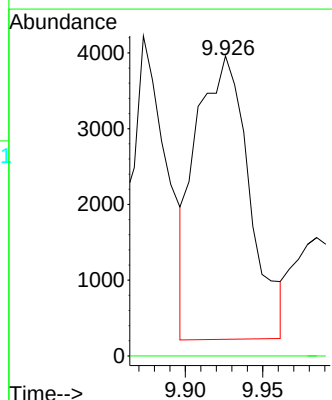
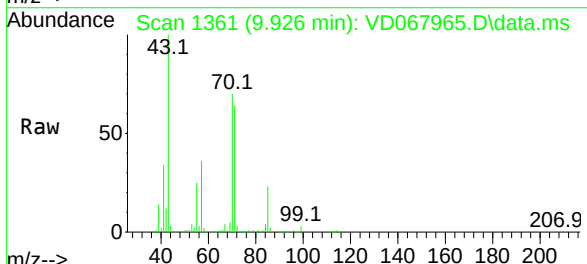
Instrument :
MSVOA_D
ClientSampleId :
31303

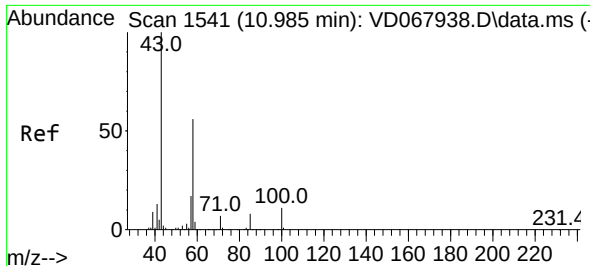
Tgt Ion: 69 Resp: 23988
Ion Ratio Lower Upper
69 100
41 0.0 56.4 84.6#
39 0.0 24.6 36.8#



#58
2-Chloroethyl Vinyl ether
Concen: 5.50 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.018 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 63 Resp: 8949
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#

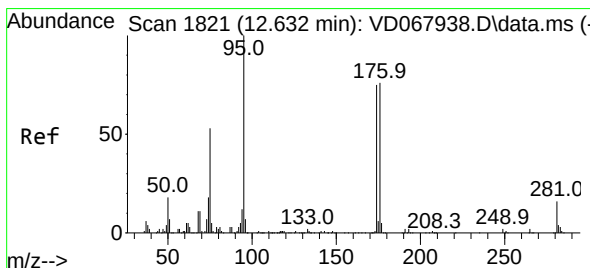
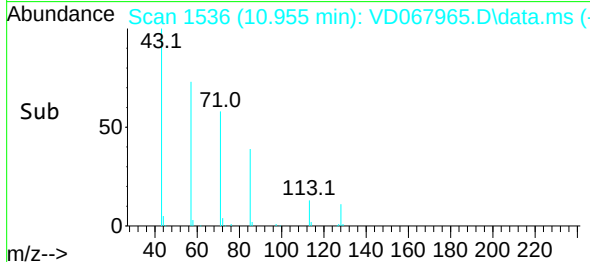
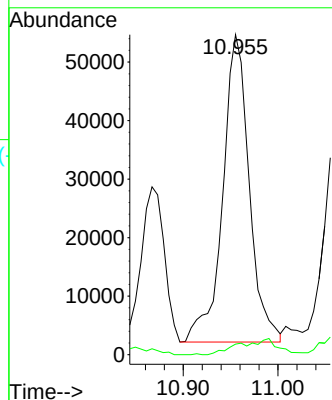
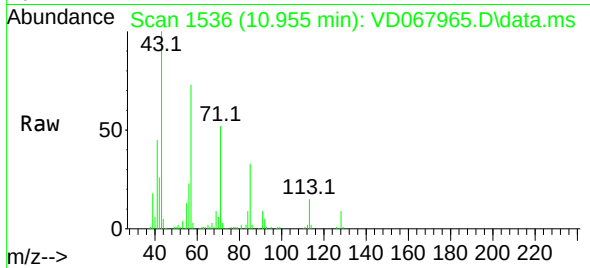




#59
2-Hexanone
Concen: 70.44 ug/l
RT: 10.955 min Scan# 1536
Delta R.T. -0.029 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

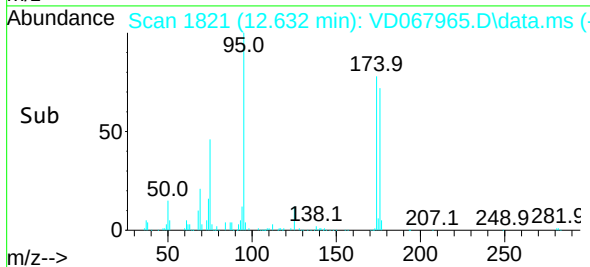
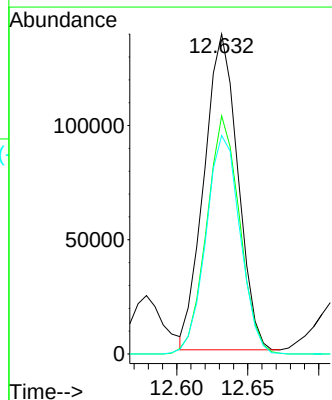
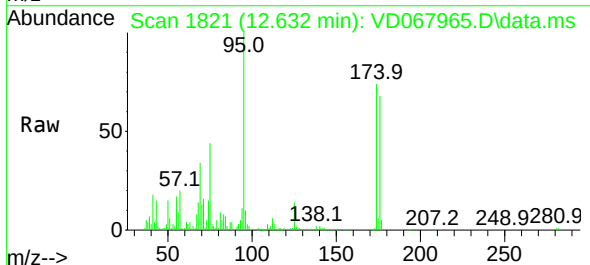
Instrument :
MSVOA_D
ClientSampleId :
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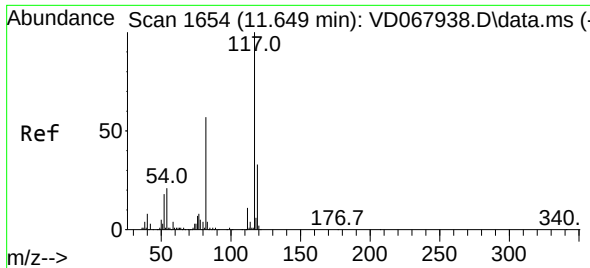
Tgt Ion: 43 Resp: 102179
Ion Ratio Lower Upper
43 100
58 2.8 27.5 82.4#



#62
4-Bromofluorobenzene
Concen: 52.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 95 Resp: 228243
Ion Ratio Lower Upper
95 100
174 73.6 0.0 150.6
176 70.0 0.0 151.2

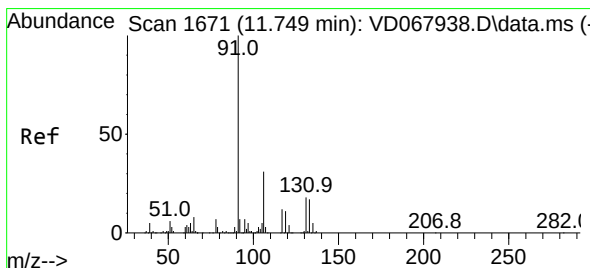
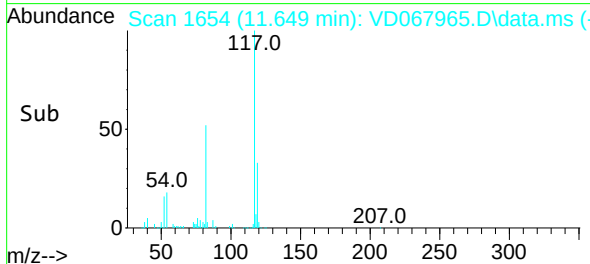
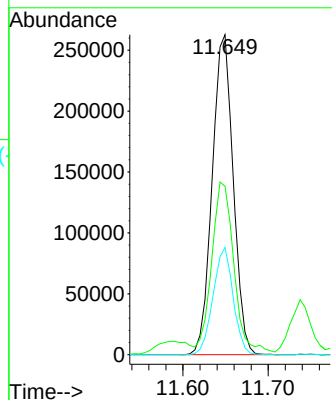
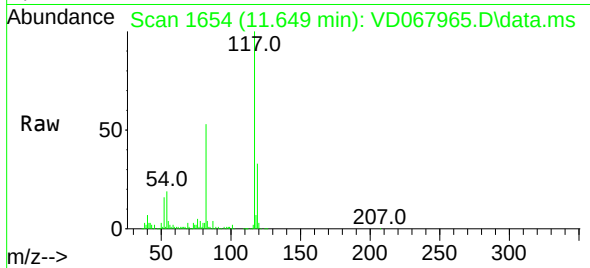




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

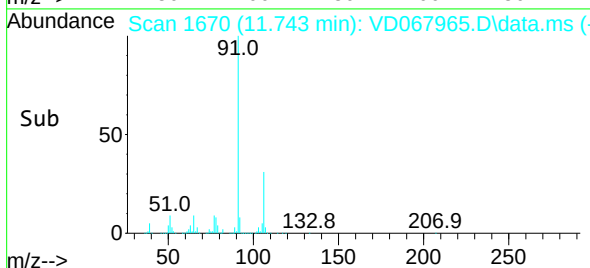
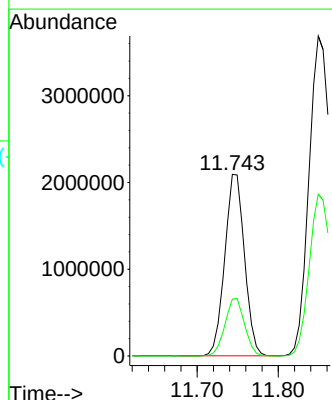
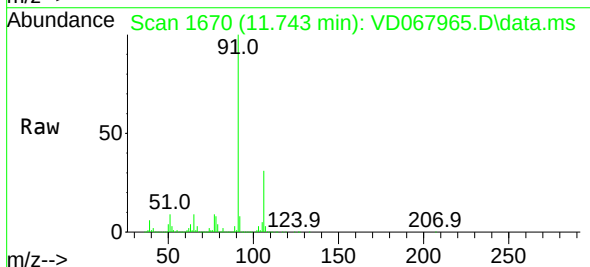
Instrument :
MSVOA_D
ClientSampleId :
31303

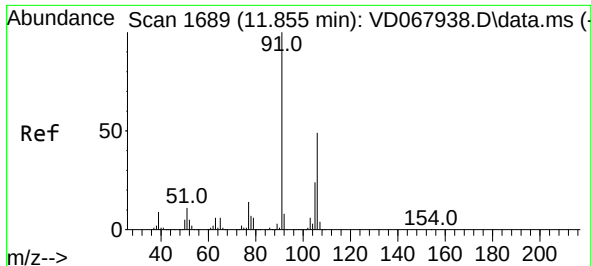
Tgt Ion:117 Resp: 450021
Ion Ratio Lower Upper
117 100
82 50.4 45.4 68.0
119 33.5 26.7 40.1



#67
Ethyl Benzene
Concen: 204.33 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 91 Resp: 3537609
Ion Ratio Lower Upper
91 100
106 31.3 24.6 37.0

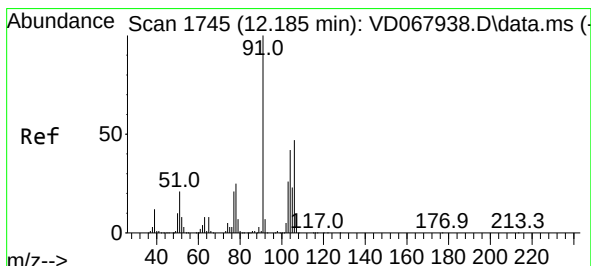
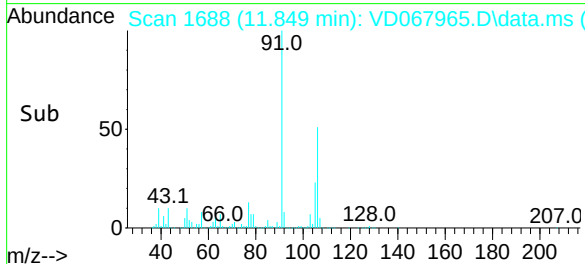
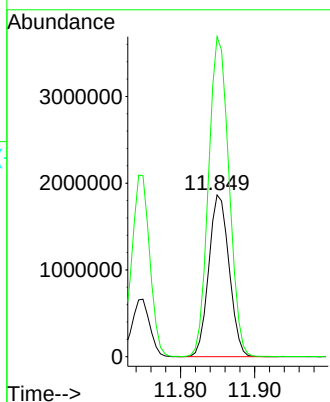
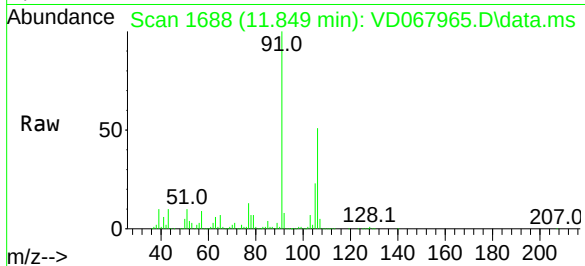




#68
m/p-Xylenes
Concen: 537.57 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

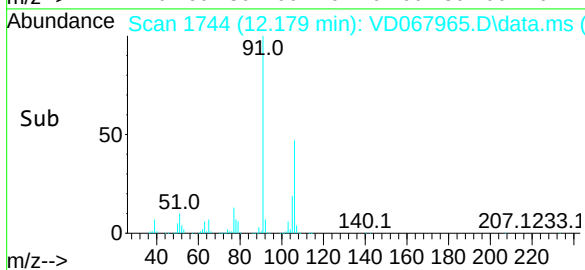
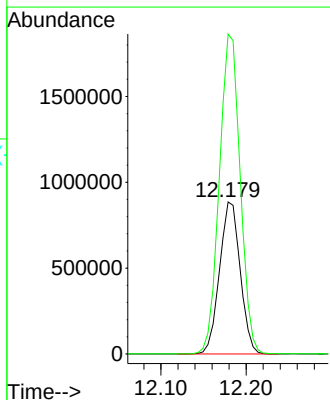
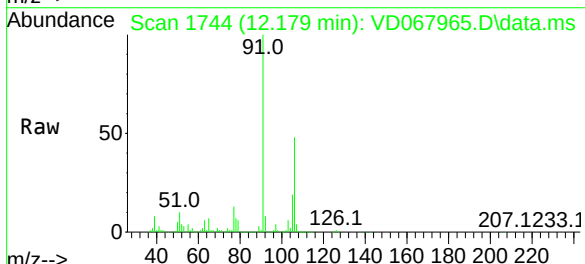
Instrument :
MSVOA_D
ClientSampleId :
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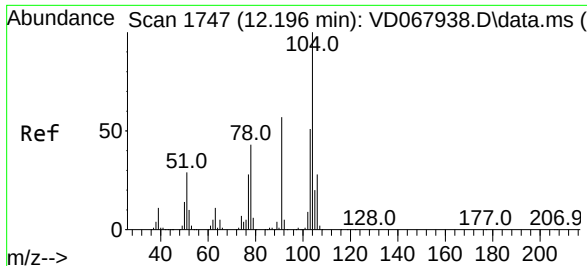
Tgt Ion:106 Resp: 3546870
Ion Ratio Lower Upper
106 100
91 198.9 159.9 239.9



#69
o-Xylene
Concen: 252.85 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:106 Resp: 1492804
Ion Ratio Lower Upper
106 100
91 212.5 106.0 317.9

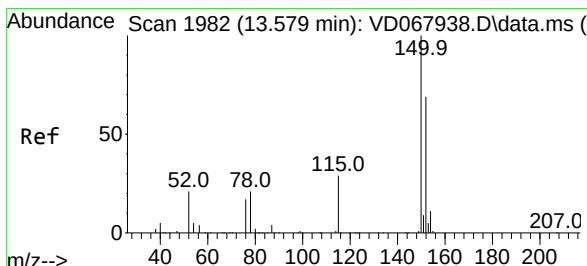
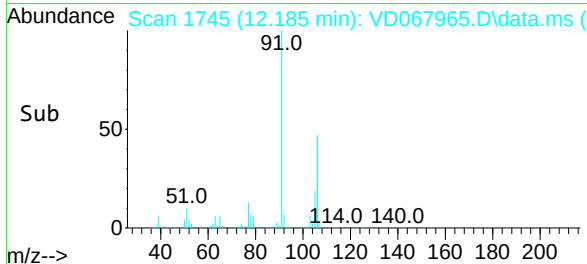
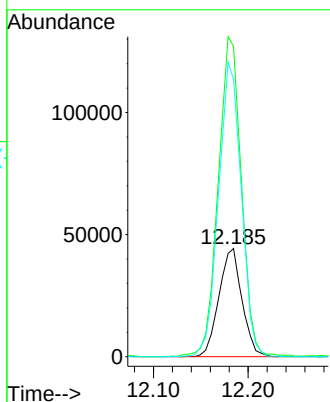
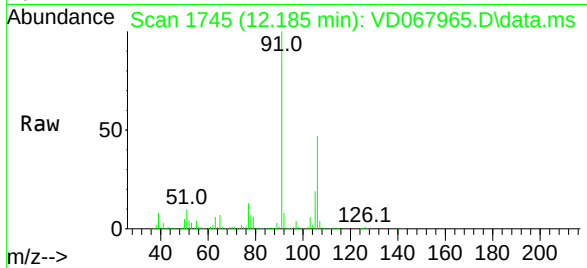




#70
Styrene
Concen: 7.35 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.012 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

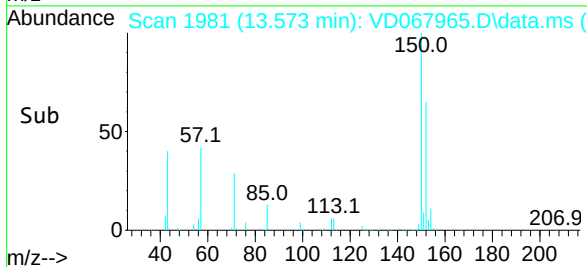
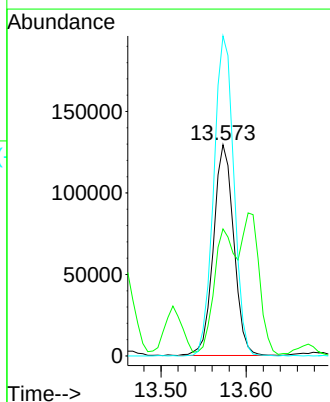
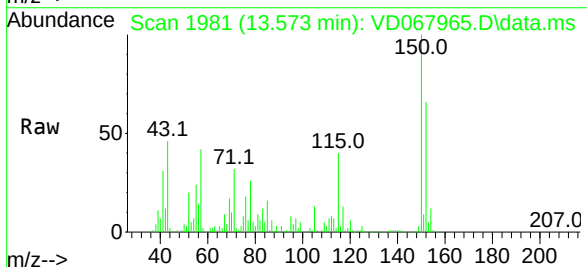
Instrument :
MSVOA_D
ClientSampleId :
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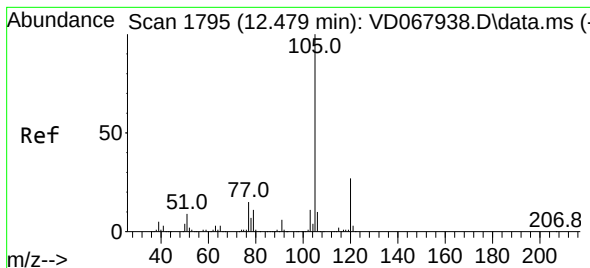
Tgt Ion:104 Resp: 74976
Ion Ratio Lower Upper
104 100
78 297.7 38.6 58.0#
103 269.7 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:152 Resp: 213780
Ion Ratio Lower Upper
152 100
115 63.2 29.3 88.0
150 150.7 0.0 340.0

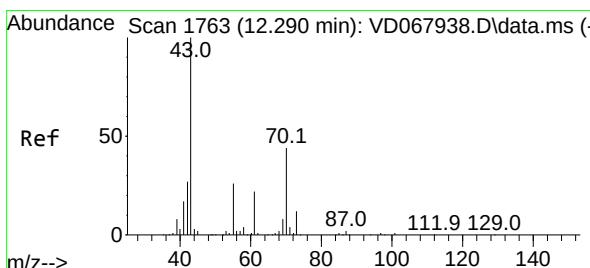
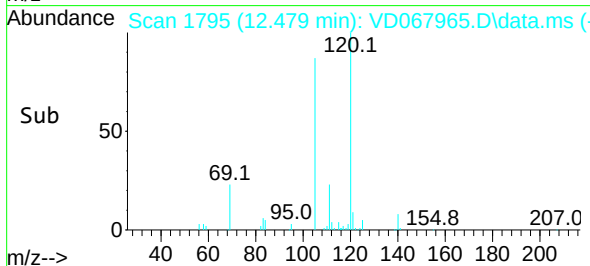
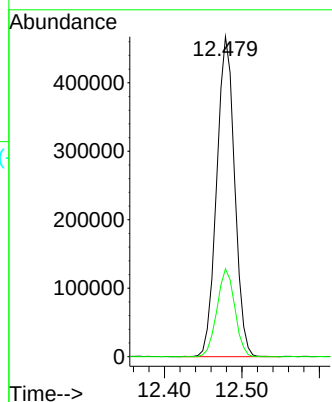
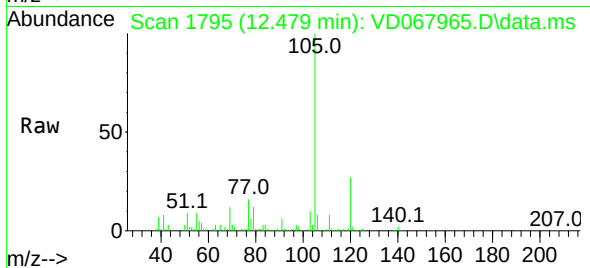




#73
Isopropylbenzene
Concen: 47.30 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

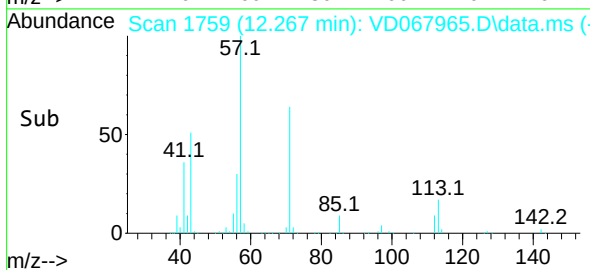
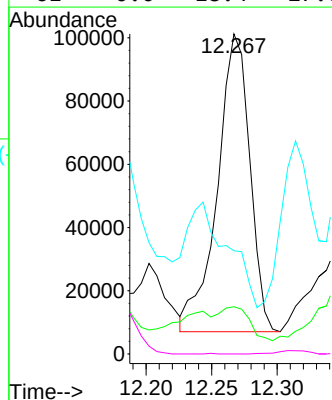
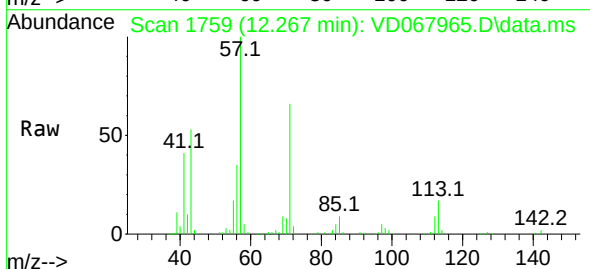
Instrument :
MSVOA_D
ClientSampled :
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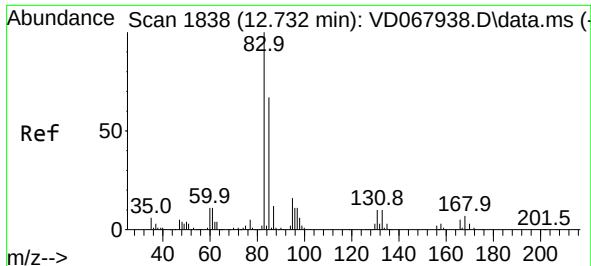
Tgt Ion:105 Resp: 750589
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 45.01 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.024 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 43 Resp: 162113
Ion Ratio Lower Upper
43 100
70 8.8 34.3 51.5#
55 0.0 21.2 31.8#
61 0.0 18.4 27.6#

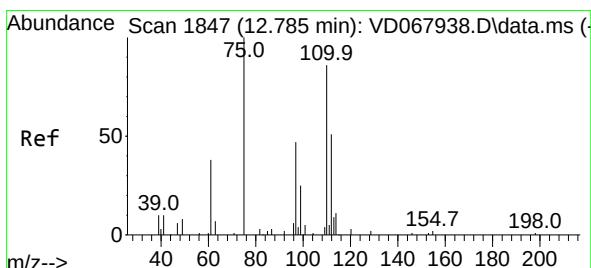
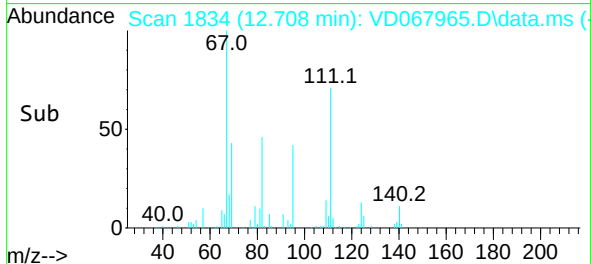
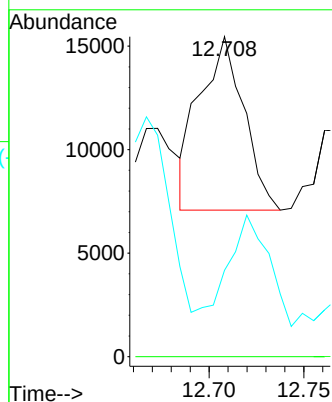
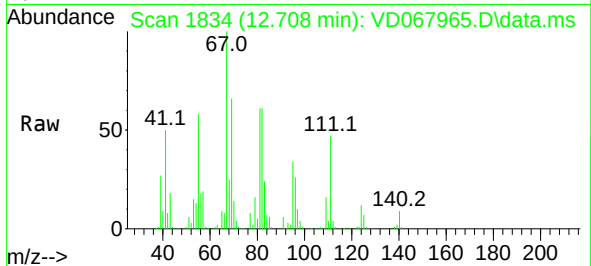




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.63 ug/l
 RT: 12.708 min Scan# 1834
 Delta R.T. -0.024 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

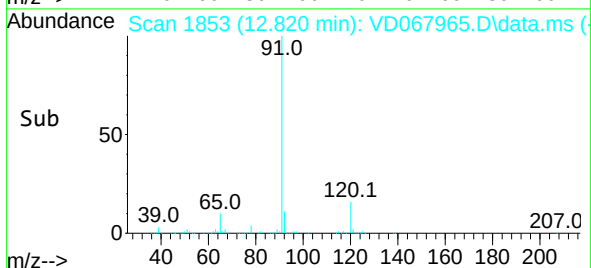
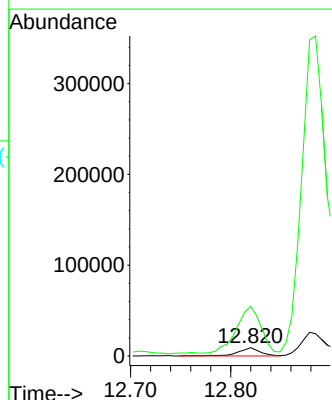
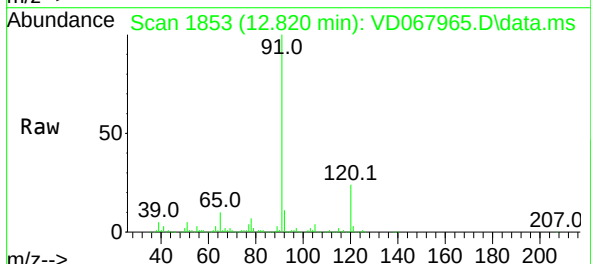
Instrument :
 MSVOA_D
 ClientSampleId :
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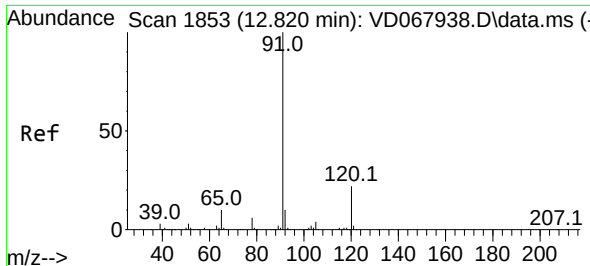
Tgt Ion: 83 Resp: 13636
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 14.9#
 85 0.0 32.1 96.3#



#76
 1,2,3-Trichloropropane
 Concen: 7.73 ug/l
 RT: 12.820 min Scan# 1853
 Delta R.T. 0.035 min
 Lab File: VD067965.D
 Acq: 29 Dec 2020 12:59

Tgt Ion: 75 Resp: 13913
 Ion Ratio Lower Upper
 75 100
 77 627.5 0.0 0.0#

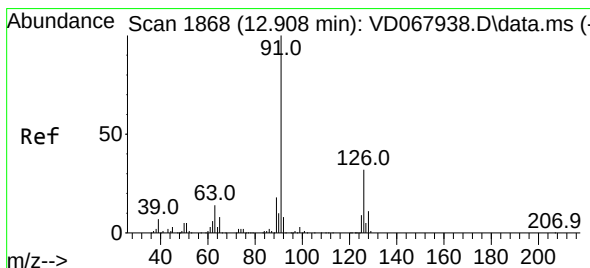
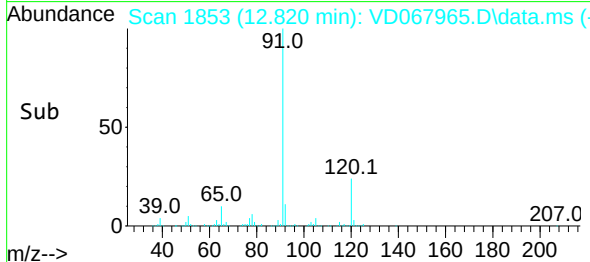
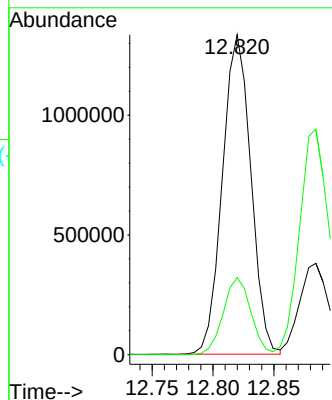
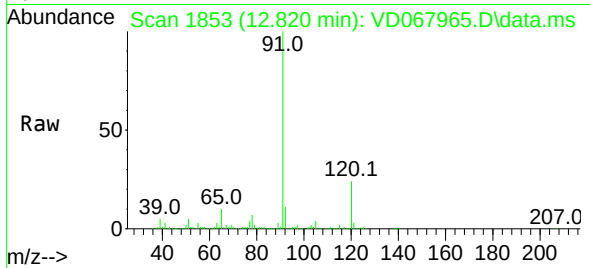




#78
n-propylbenzene
Concen: 109.98 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

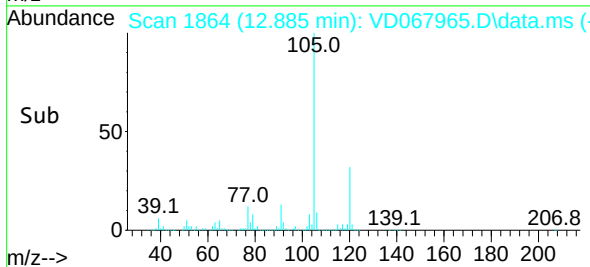
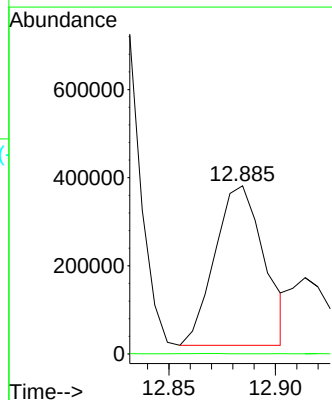
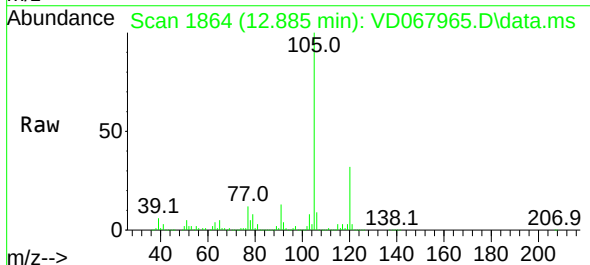
Instrument :
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ClientSampled :
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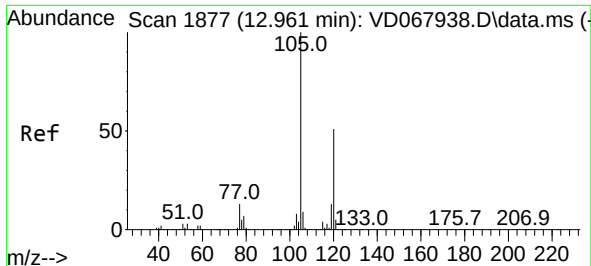
Tgt Ion: 91 Resp: 2169327
Ion Ratio Lower Upper
91 100
120 23.4 11.2 33.5



#79
2-Chlorotoluene
Concen: 52.37 ug/l
RT: 12.885 min Scan# 1864
Delta R.T. -0.024 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 91 Resp: 583619
Ion Ratio Lower Upper
91 100
126 0.2 16.8 50.3#

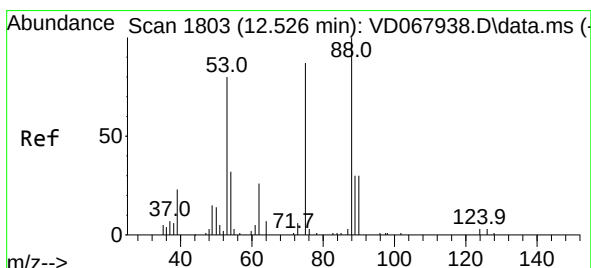
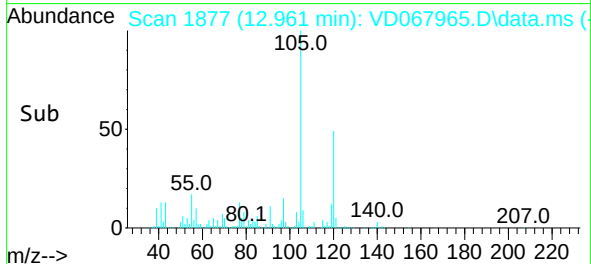
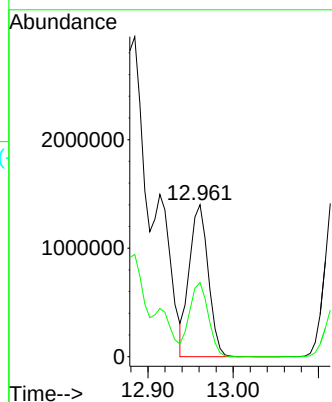
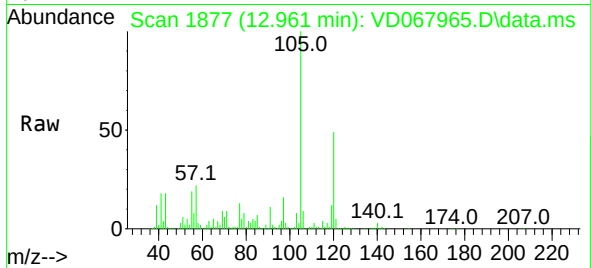




#80
1,3,5-Trimethylbenzene
Concen: 163.56 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

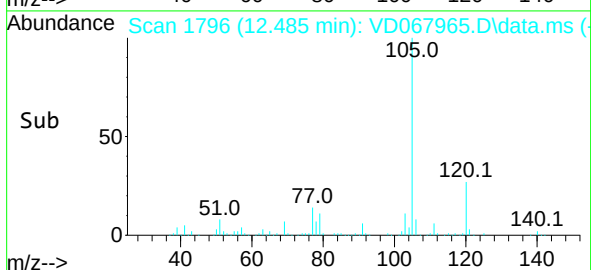
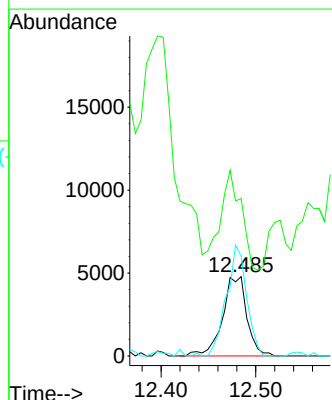
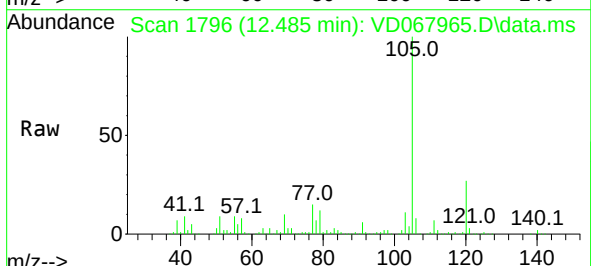
Instrument :
MSVOA_D
ClientSampleId :
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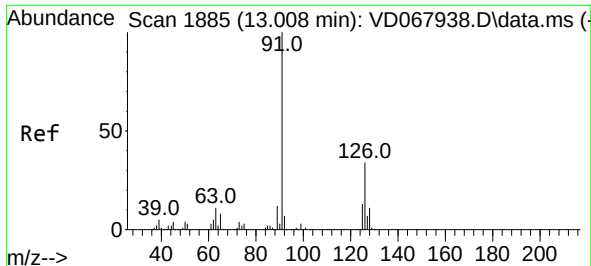
Tgt Ion:105 Resp: 2155544
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6



#81
trans-1,4-Dichloro-2-butene
Concen: 9.75 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. -0.041 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 75 Resp: 8559
Ion Ratio Lower Upper
75 100
53 105.5 74.9 112.3
89 116.0 33.8 50.8#

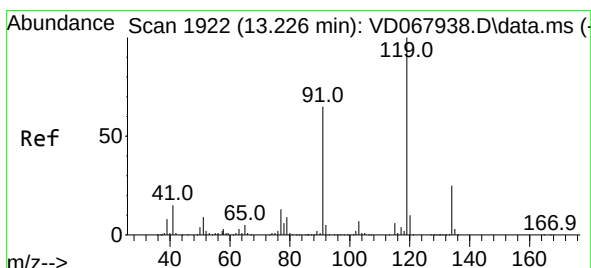
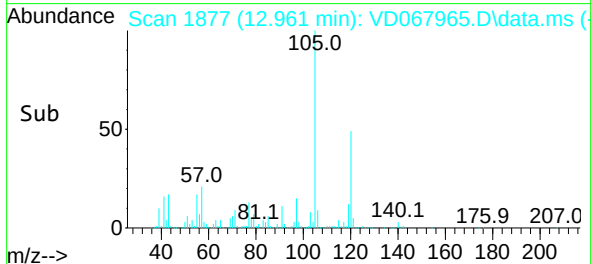
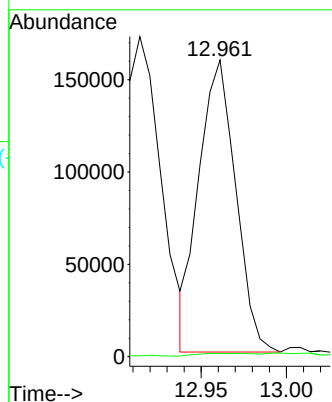
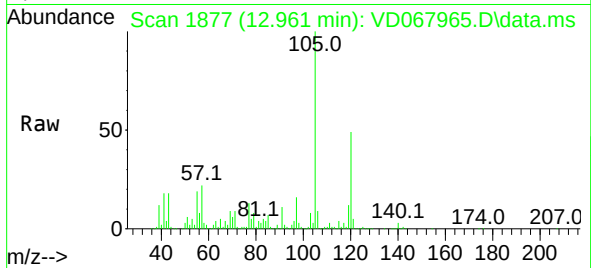




#82
4-Chlorotoluene
Concen: 20.33 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.047 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

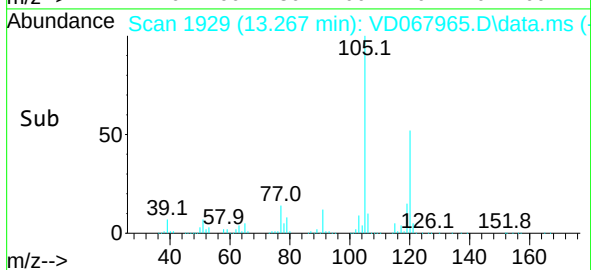
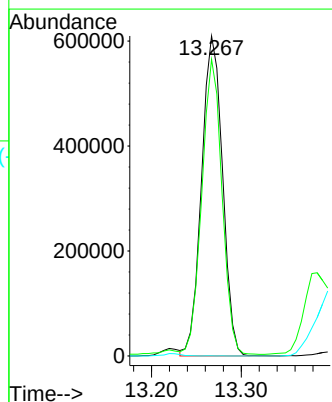
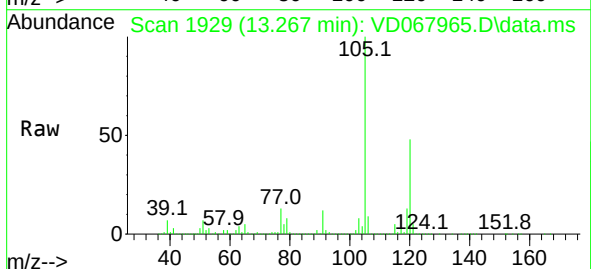
Instrument :
MSVOA_D
ClientSampleId :
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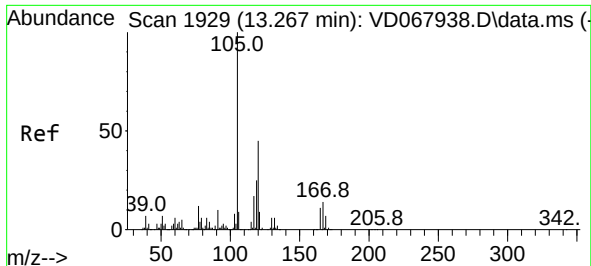
Tgt Ion: 91 Resp: 238116
Ion Ratio Lower Upper
91 100
126 1.4 17.0 51.0#



#83
tert-Butylbenzene
Concen: 91.24 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.041 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 119 Resp: 988931
Ion Ratio Lower Upper
119 100
91 88.7 32.7 98.1
134 0.0 13.3 39.8#

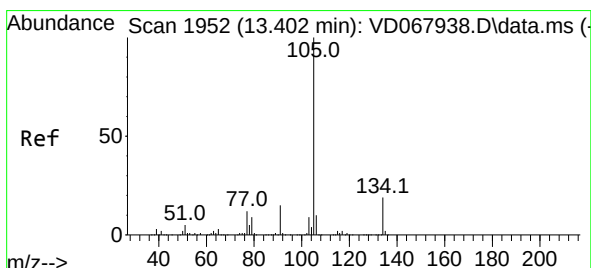
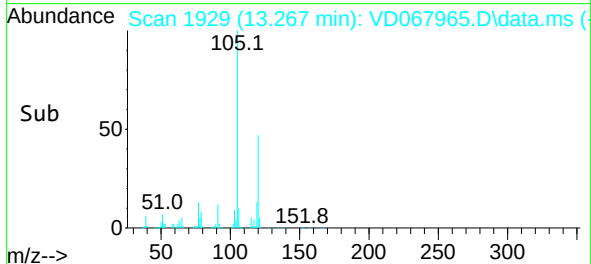
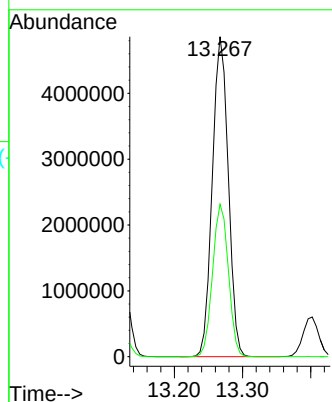
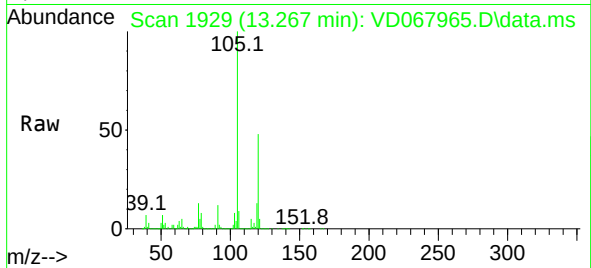




#84
1,2,4-Trimethylbenzene
Concen: 598.73 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

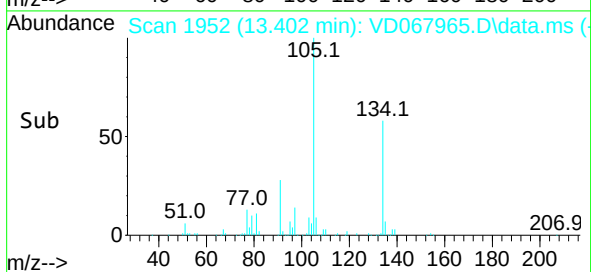
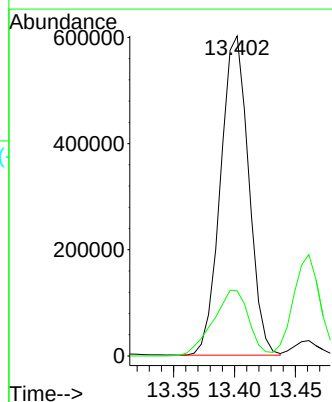
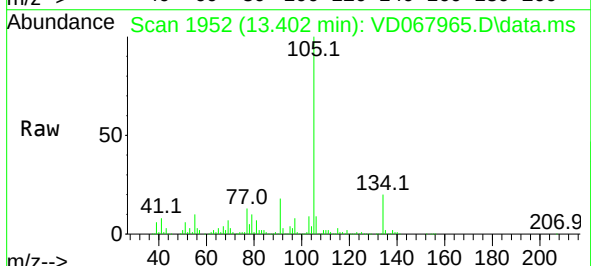
Instrument :
MSVOA_D
ClientSampled :
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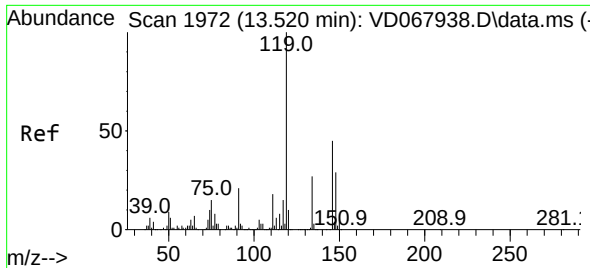
Tgt Ion:105 Resp: 7913420
Ion Ratio Lower Upper
105 100
120 47.2 22.7 68.0



#85
sec-Butylbenzene
Concen: 61.02 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion:105 Resp: 967779
Ion Ratio Lower Upper
105 100
134 26.3 9.7 29.1

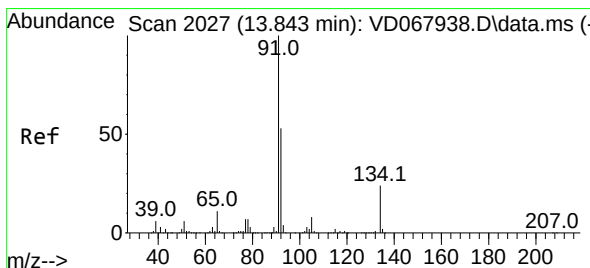
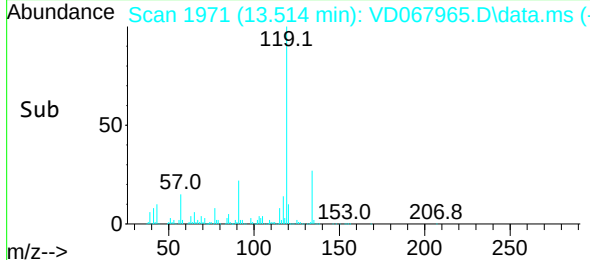
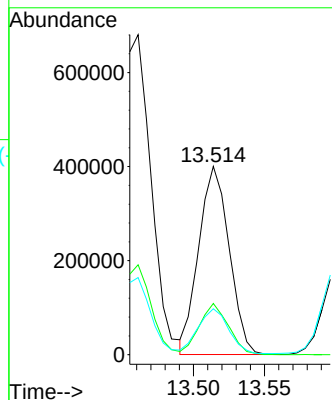
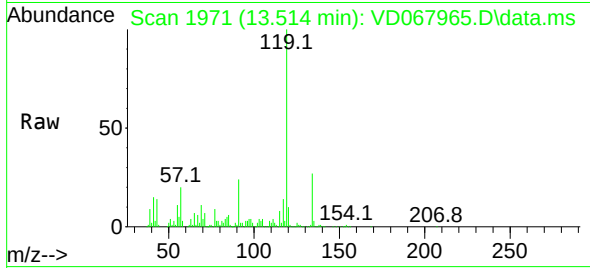




#86
p-Isopropyltoluene
Concen: 42.75 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

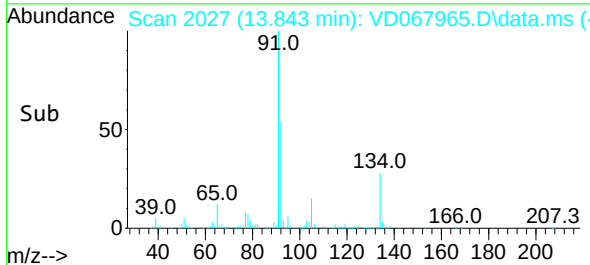
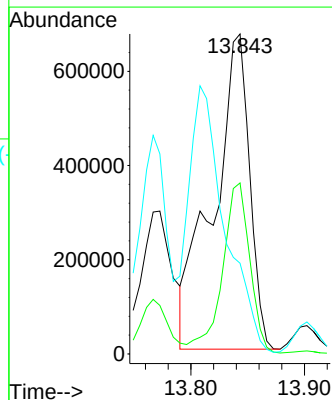
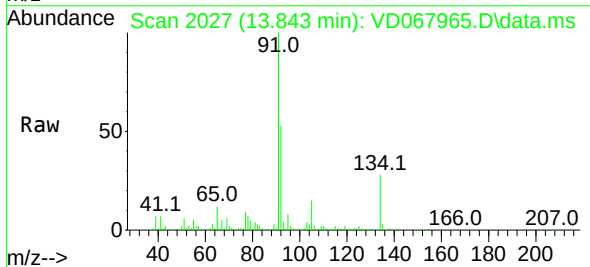
Instrument :
MSVOA_D
ClientSampleId :
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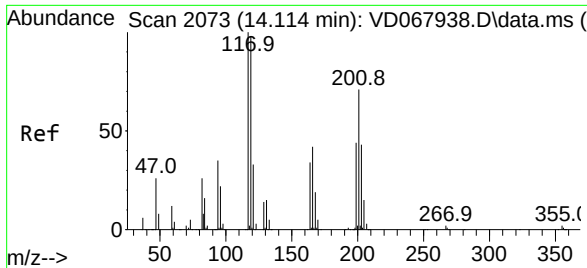
Tgt Ion:119 Resp: 596618
Ion Ratio Lower Upper
119 100
134 26.1 13.3 39.9
91 23.6 11.4 34.2



#89
n-Butylbenzene
Concen: 107.16 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Tgt Ion: 91 Resp: 1483568
Ion Ratio Lower Upper
91 100
92 40.7 26.8 80.3
134 0.0 12.3 36.9#

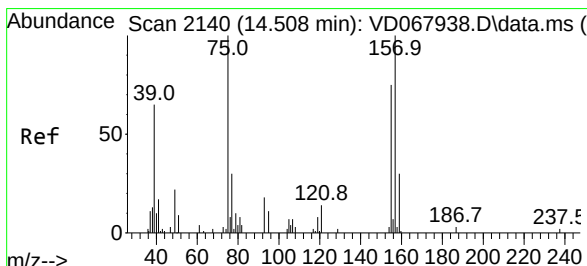
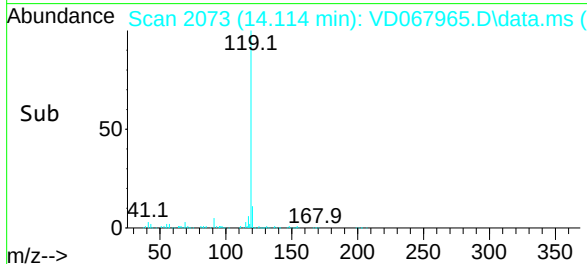
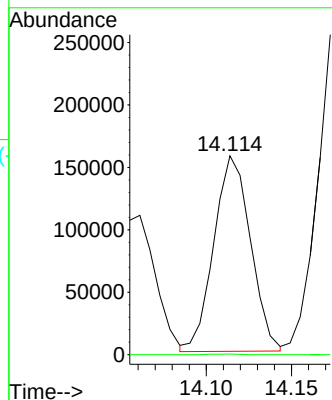
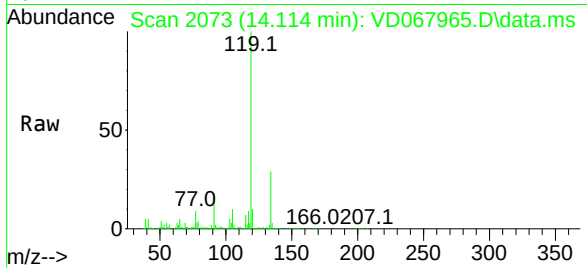




#90
Hexachloroethane
Concen: 82.23 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

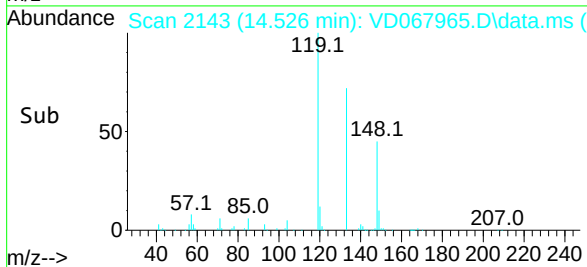
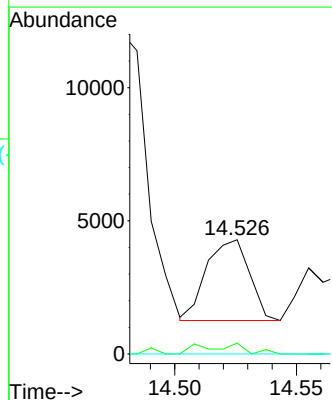
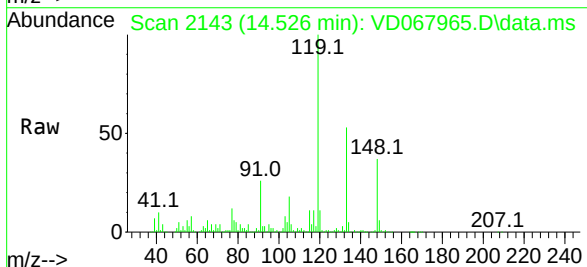
Instrument :
MSVOA_D
ClientSampleId :
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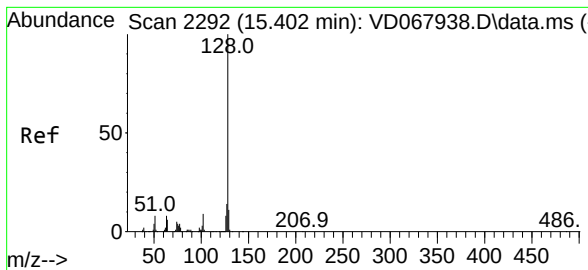
Tgt Ion:117 Resp: 234495
Ion Ratio Lower Upper
117 100
201 0.2 34.3 102.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.04 ug/l
RT: 14.526 min Scan# 2143
Delta R.T. 0.018 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

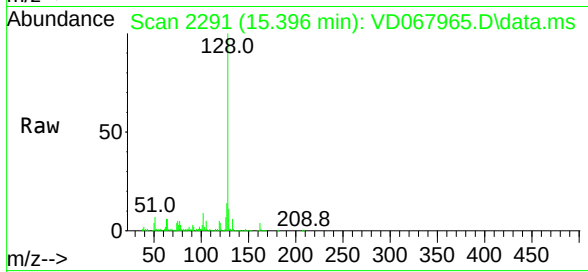
Tgt Ion: 75 Resp: 3707
Ion Ratio Lower Upper
75 100
155 7.1 39.8 119.3#
157 0.0 50.6 151.9#





#95
Naphthalene
Concen: 235.06 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD067965.D
Acq: 29 Dec 2020 12:59

Instrument :
MSVOA_D
ClientSampleId :
31303



Tgt Ion:128 Resp: 1498595
Ion Ratio Lower Upper
128 100
127 13.4 11.2 16.8
129 11.3 8.6 12.8

