

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072311.D
 Acq On : 19 Mar 2022 02:13
 Operator : VA/SY
 Sample : N1960-15
 Misc : 6.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13-20220316-16.0-17.0

Quant Time: Mar 19 05:33:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	389816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	655916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	695957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	301317	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195703	45.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.100%
35) Dibromofluoromethane	7.908	113	192751	41.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.520%
50) Toluene-d8	10.332	98	834066	49.419	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.620	95	374738	57.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.280%

Target Compounds				Qvalue		
10) Methyl Iodide	4.297	142	1277	2.533	ug/l #	52
11) Tert butyl alcohol	5.203	59	373	1.481	ug/l #	74
16) Acetone	4.161	43	54536	57.818	ug/l	98
17) Carbon Disulfide	4.409	76	254261	31.016	ug/l	99
19) Methyl tert-butyl Ether	5.485	73	14710	1.511	ug/l #	38
20) Methylene Chloride	4.956	84	10344	Below Cal	#	83
25) 2-Butanone	7.214	43	16622	13.217	ug/l	96
29) Tetrahydrofuran	7.567	42	1103	1.492	ug/l #	69
31) Cyclohexane	7.985	56	35320	5.204	ug/l #	67
39) Methylcyclohexane	9.349	83	100422	13.782	ug/l	93
40) Benzene	8.344	78	649523	35.160	ug/l	100
41) Methacrylonitrile	7.561	41	2227	1.347	ug/l #	43
43) Isopropyl Acetate	8.449	43	5856	1.064	ug/l #	54
48) Methyl methacrylate	9.408	41	7428	2.826	ug/l #	40
51) 4-Methyl-2-Pentanone	10.273	43	5652	1.955	ug/l #	62
52) Toluene	10.396	92	108537	8.929	ug/l	97
55) 1,1,2-Trichloroethane	10.767	97	34035	8.965	ug/l #	22
56) Ethyl methacrylate	10.673	69	19588	4.405	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.926	63	3321	1.661	ug/l #	48
59) 2-Hexanone	10.949	43	66463	33.280	ug/l #	32
67) Ethyl Benzene	11.738	91	7025961	254.961	ug/l	97
68) m/p-Xylenes	11.843	106	492193	47.037	ug/l	100
69) o-Xylene	12.173	106	829227	82.849	ug/l	99
70) Styrene	12.179	104	78336	4.482	ug/l #	1
73) Isopropylbenzene	12.473	105	4315202	180.720	ug/l	99
74) N-amyl acetate	12.261	43	147213	28.689	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.696	83	8544	2.001	ug/l #	38
76) 1,2,3-Trichloropropane	12.808	75	17043	5.128	ug/l #	100
78) n-propylbenzene	12.808	91	2373524	81.836	ug/l	99
79) 2-Chlorotoluene	12.908	91	585020	34.883	ug/l #	47
80) 1,3,5-Trimethylbenzene	12.949	105	5412412	263.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.467	75	54450	40.645	ug/l #	34
82) 4-Chlorotoluene	12.949	91	600294	34.569	ug/l #	42
83) tert-Butylbenzene	13.261	119	1819801	101.187	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.255	105	13146050	650.398	ug/l	92
85) sec-Butylbenzene	13.255	105	13146050	486.749	ug/l #	57

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 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

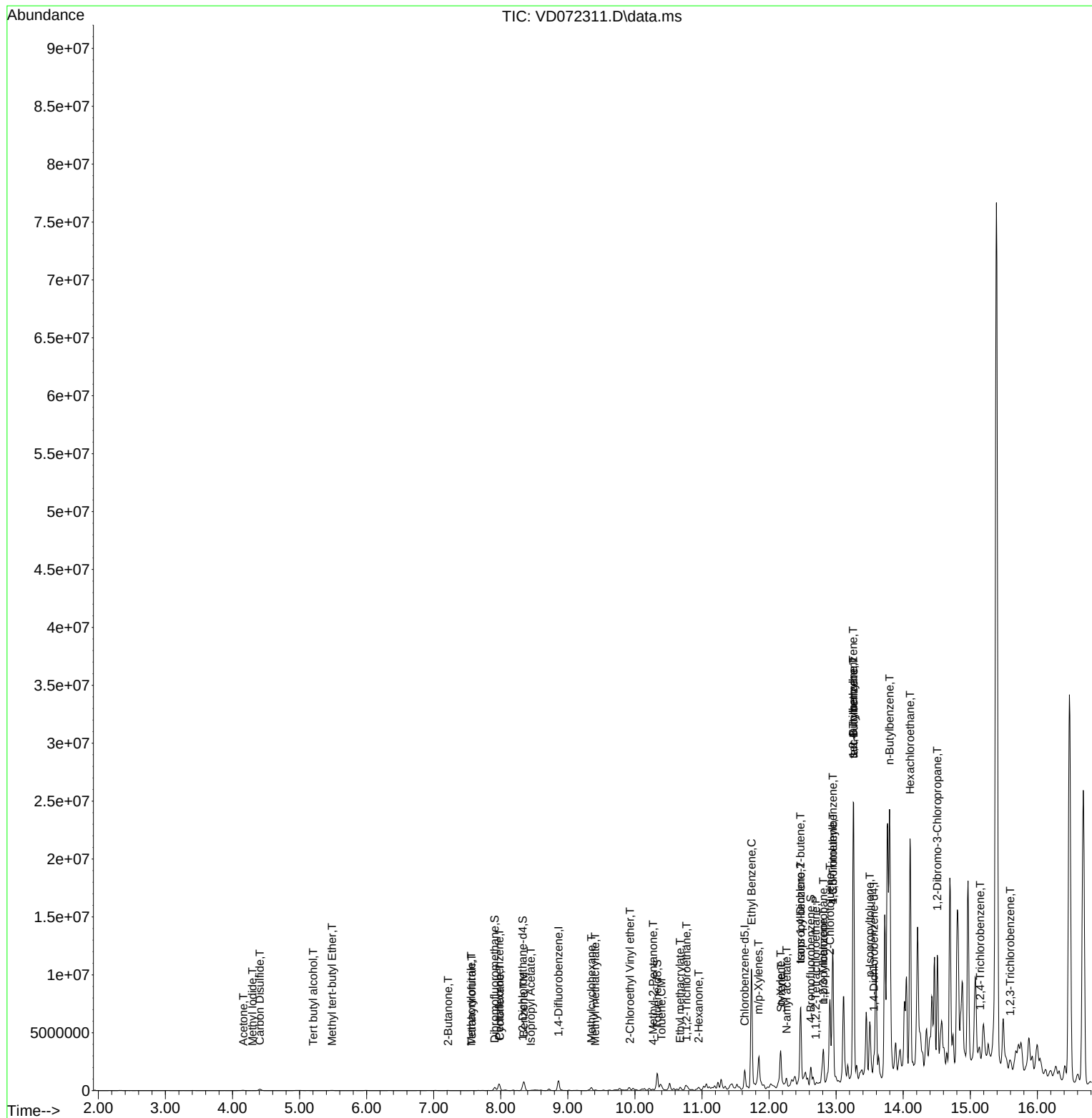
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	13.502	119	2247666	101.136	ug/l	97
89) n-Butylbenzene	13.796	91	3306480	156.089	ug/l #	1
90) Hexachloroethane	14.102	117	1301838	298.876	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.508	75	34946	51.275	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.149	180	8524	1.311	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.596	180	11725	2.083	ug/l #	1

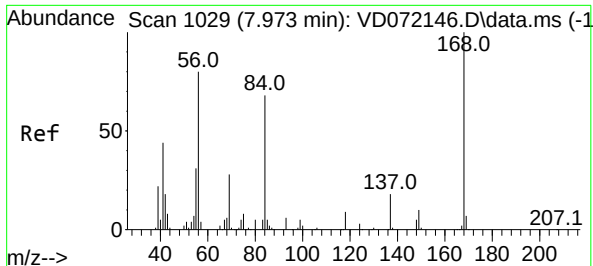
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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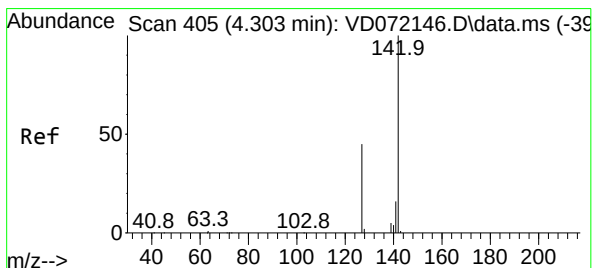
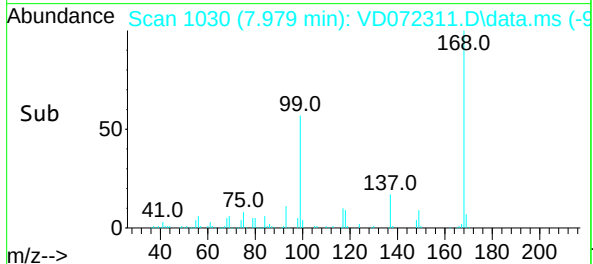
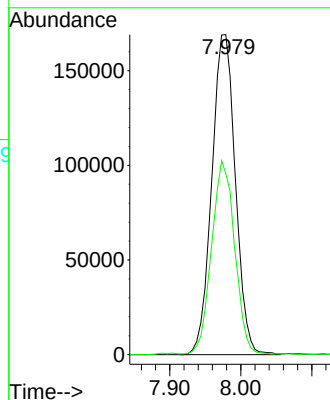
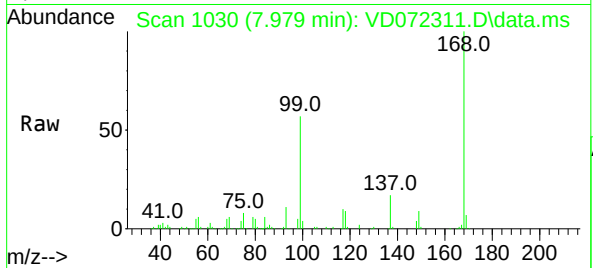




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

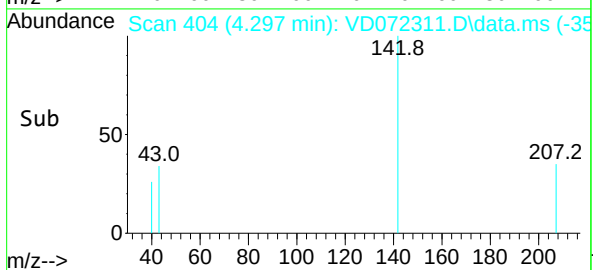
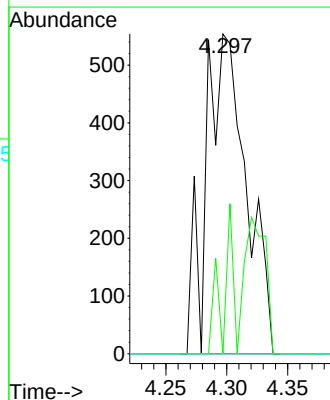
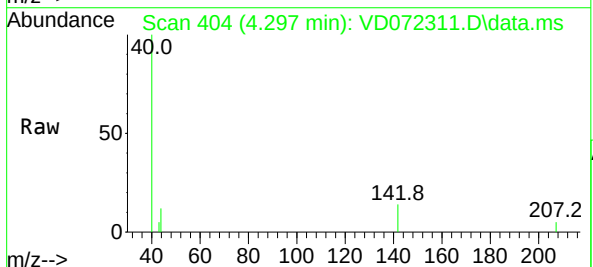
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

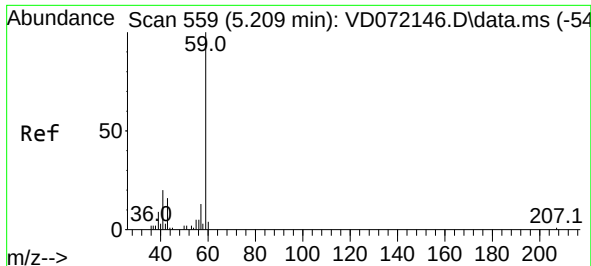
Tgt Ion:168 Resp: 389816
Ion Ratio Lower Upper
168 100
99 56.4 49.8 74.6



#10
Methyl Iodide
Concen: 2.533 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion:142 Resp: 1277
Ion Ratio Lower Upper
142 100
127 11.7 37.3 55.9#
141 0.0 11.7 17.5#

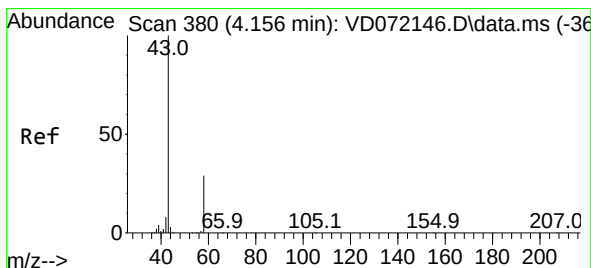
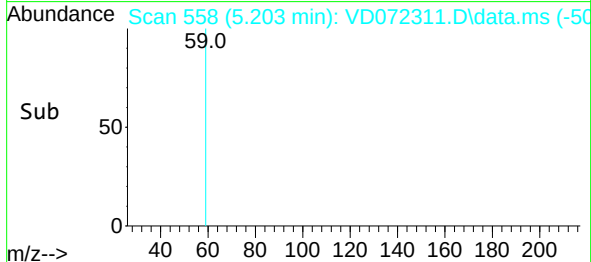
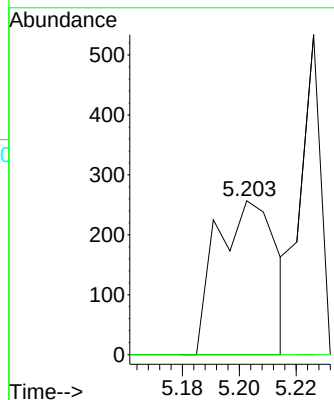
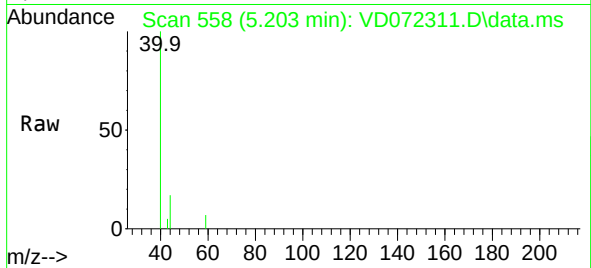




#11
Tert butyl alcohol
Concen: 1.481 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

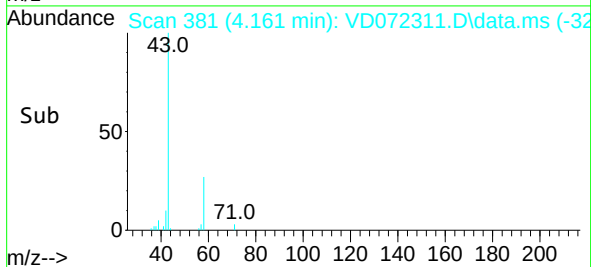
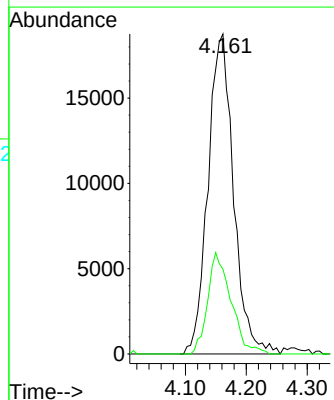
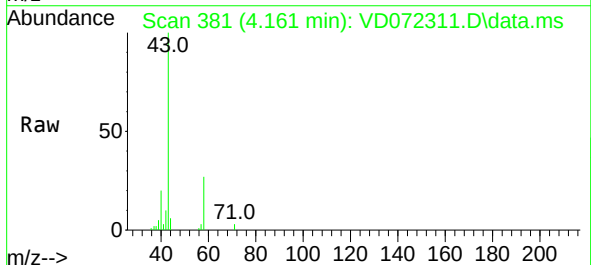
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

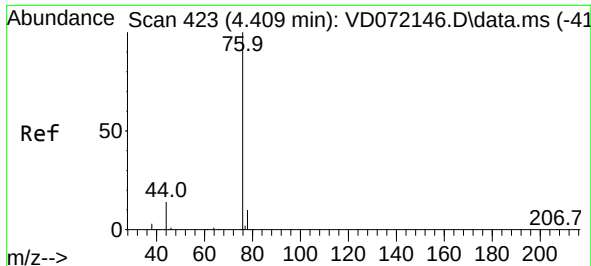
Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 57.818 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 43 Resp: 54536
Ion Ratio Lower Upper
43 100
58 26.5 22.1 33.1

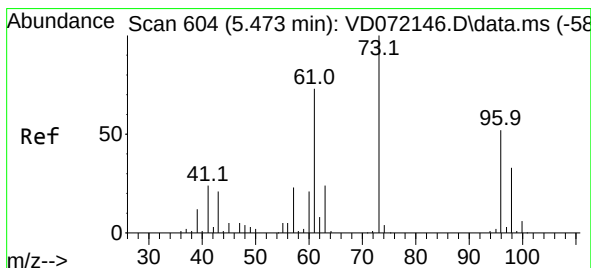
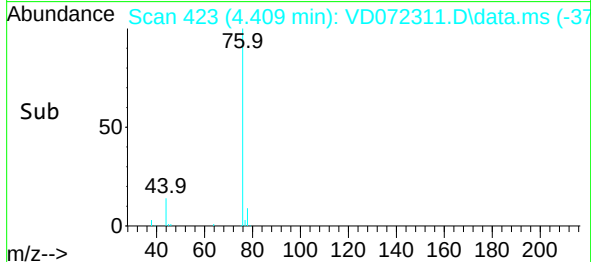
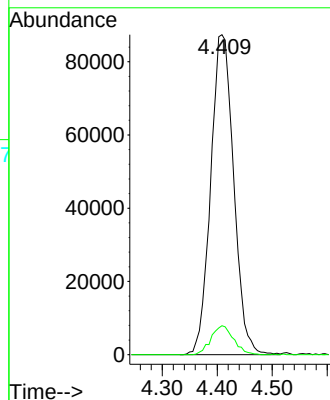
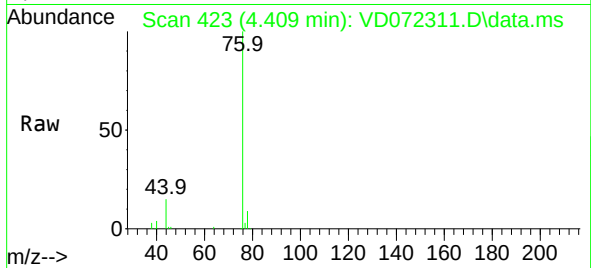




#17
Carbon Disulfide
Concen: 31.016 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

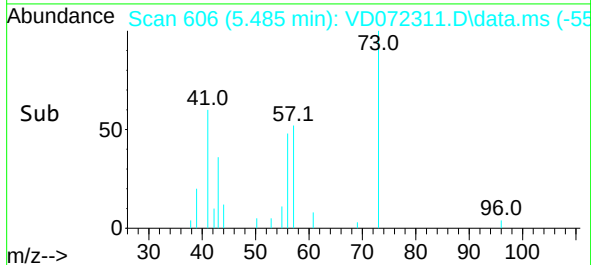
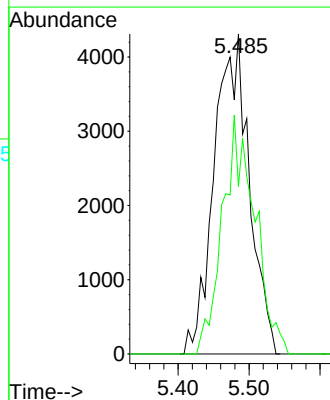
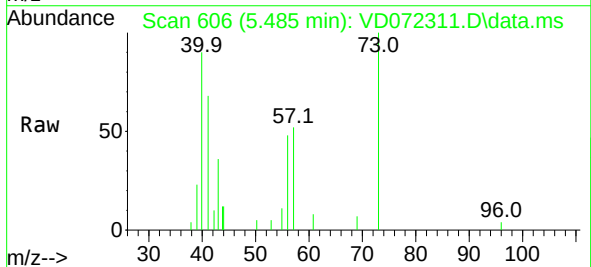
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

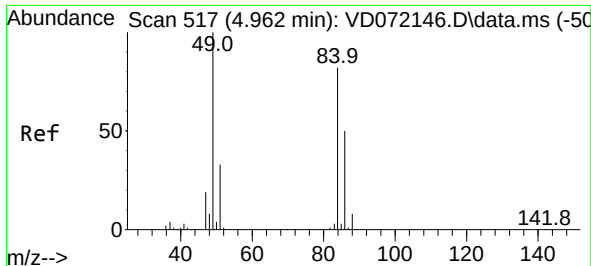
Tgt Ion: 76 Resp: 254261
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#19
Methyl tert-butyl Ether
Concen: 1.511 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.012 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 73 Resp: 14710
Ion Ratio Lower Upper
73 100
57 52.4 18.0 27.0#

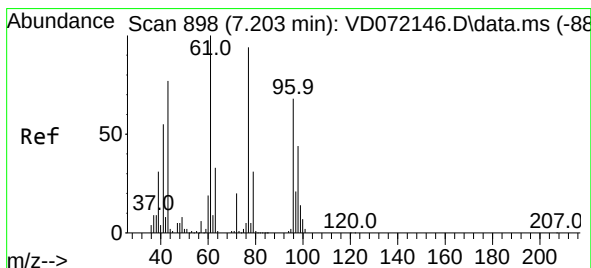
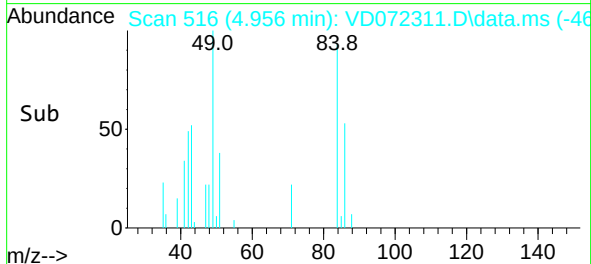
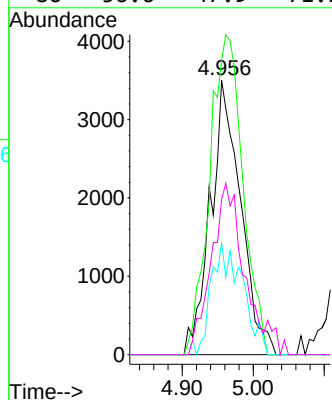
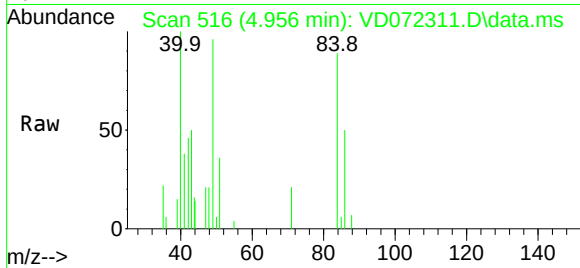




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

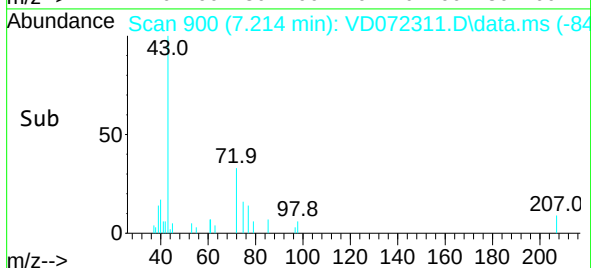
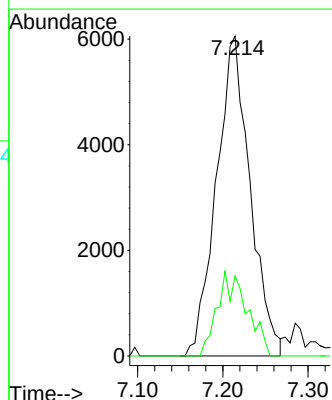
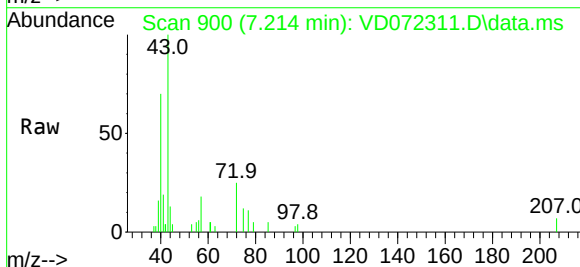
Instrument :
MSVOA_D
ClientSampleId :
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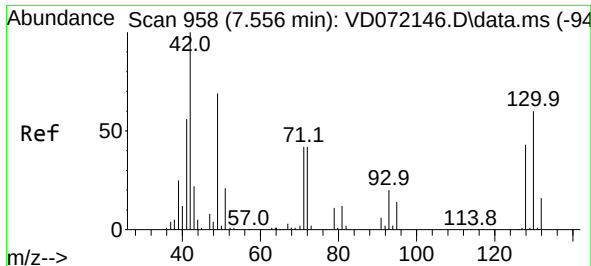
Tgt Ion:	84	Resp:	10344
Ion	Ratio	Lower	Upper
84	100		
49	107.4	112.8	169.2#
51	40.7	32.6	48.8
86	56.6	47.9	71.9



#25
2-Butanone
Concen: 13.217 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion:	43	Resp:	16622
Ion	Ratio	Lower	Upper
43	100		
72	25.0	18.6	27.8





#29

Tetrahydrofuran

Concen: 1.492 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.012 min

Lab File: VD072311.D

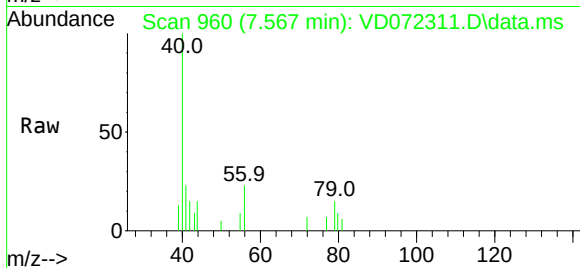
Acq: 19 Mar 2022 02:13

Instrument :

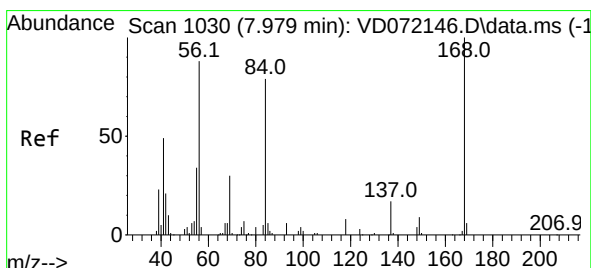
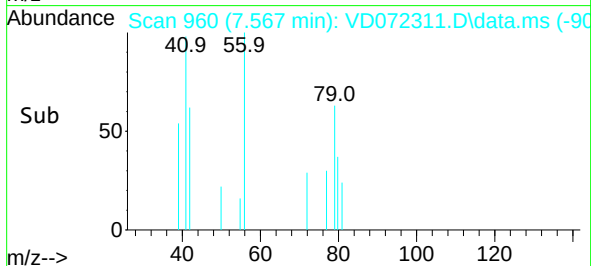
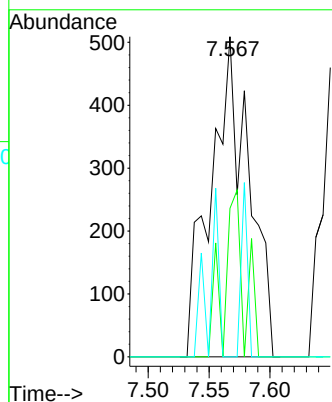
MSVOA_D

ClientSampleId :

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Tgt Ion:	42	Resp:	1103
Ion Ratio	100	Lower	Upper
42	100		
72	27.8	30.7	46.1#
71	8.9	28.6	43.0#



#31

Cyclohexane

Concen: 5.204 ug/l

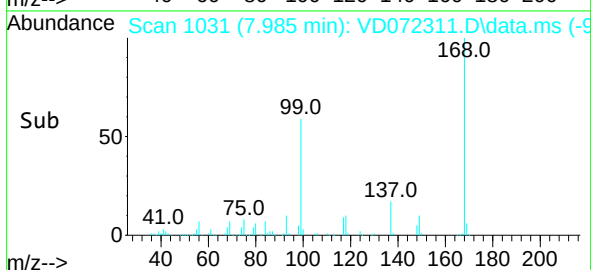
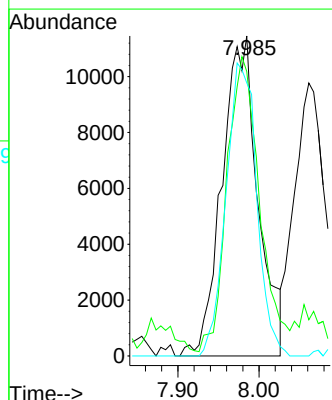
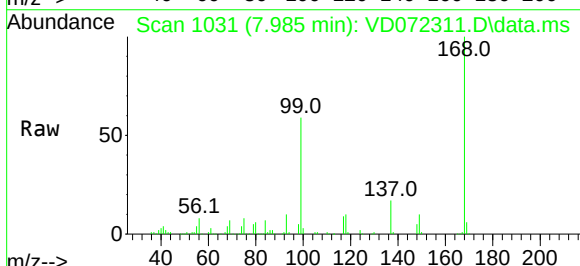
RT: 7.985 min Scan# 1031

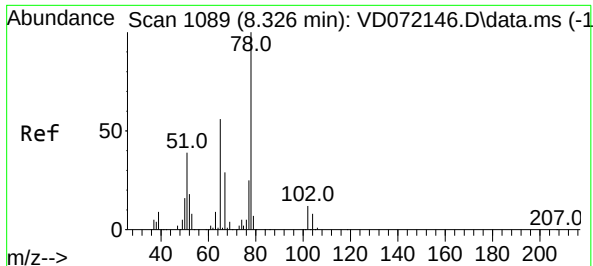
Delta R.T. 0.006 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

Tgt Ion:	56	Resp:	35320
Ion Ratio	100	Lower	Upper
56	100		
69	84.3	25.4	38.2#
84	85.3	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 45.048 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

Instrument :

MSVOA_D

ClientSampleId :

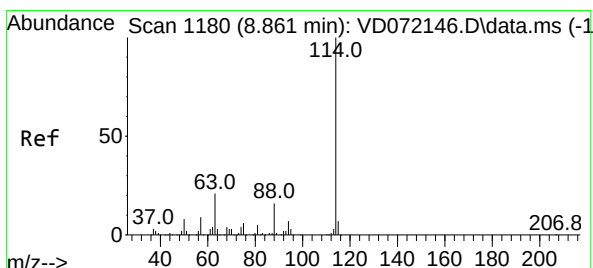
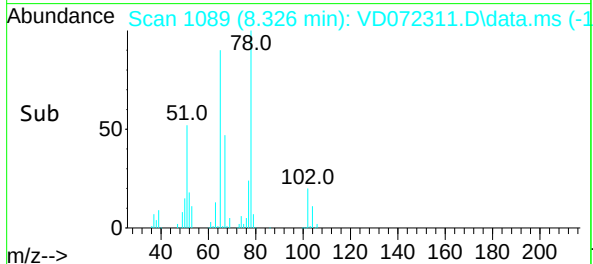
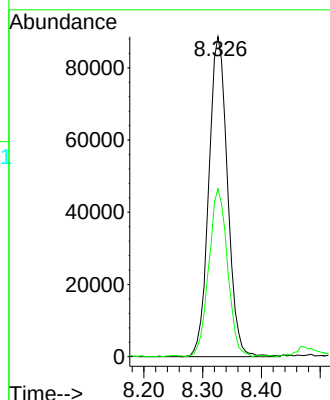
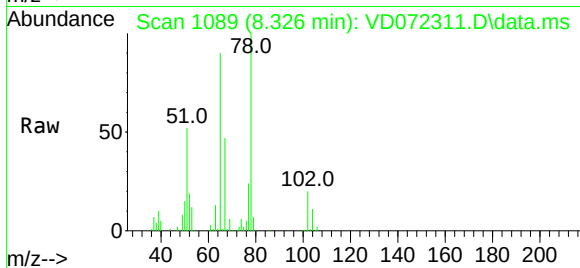
SB-13-20220316-16.0-17.0

Tgt Ion: 65 Resp: 195703

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

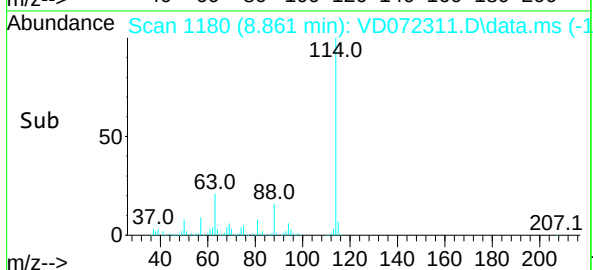
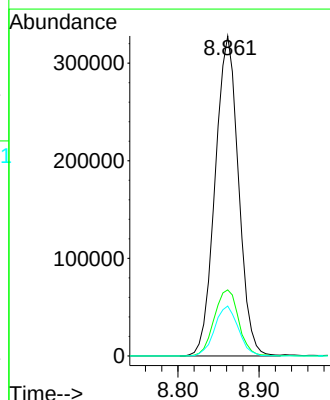
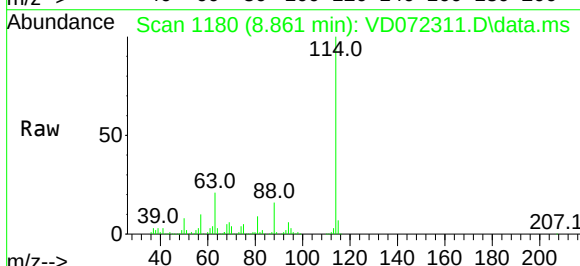
Tgt Ion: 114 Resp: 655916

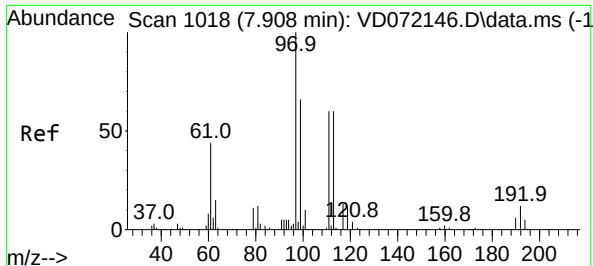
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.6 0.0 33.2

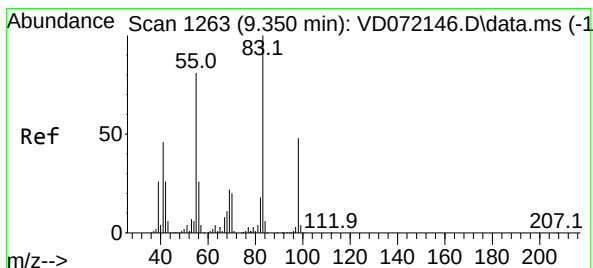
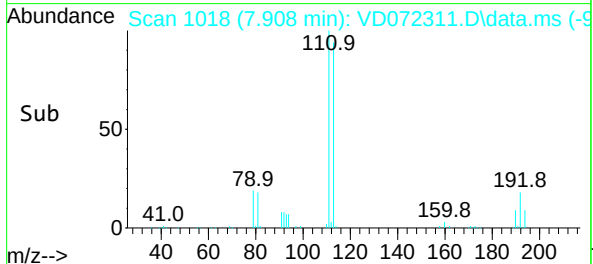
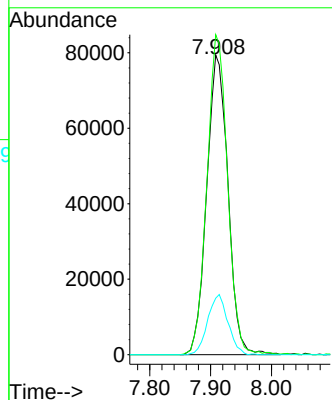
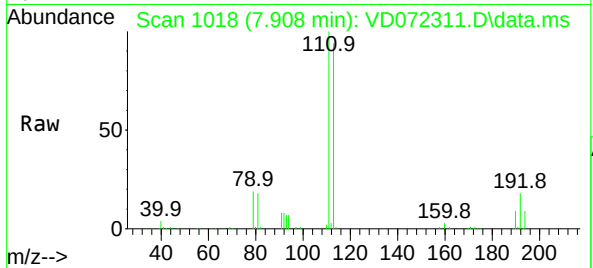




#35
Dibromofluoromethane
Concen: 41.760 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

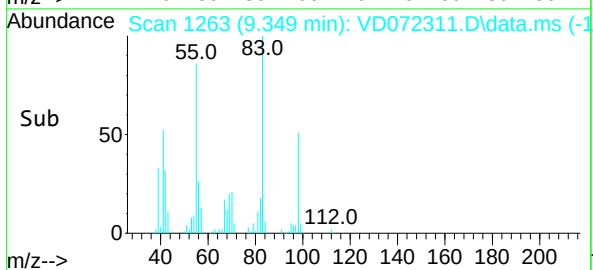
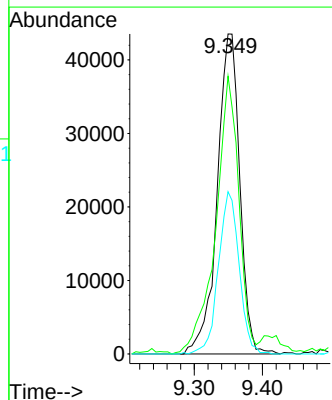
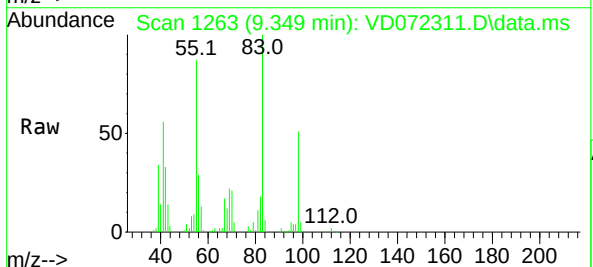
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

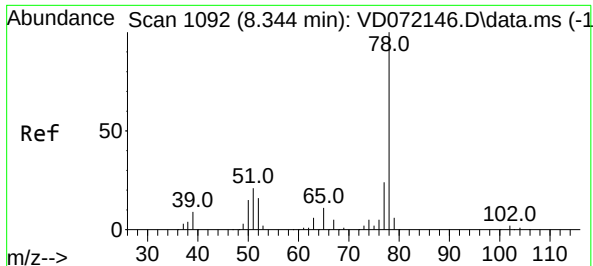
Tgt Ion:113 Resp: 192751
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.6
192 19.1 14.6 21.8



#39
Methylcyclohexane
Concen: 13.782 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 83 Resp: 100422
Ion Ratio Lower Upper
83 100
55 86.1 63.2 94.8
98 50.7 38.2 57.4

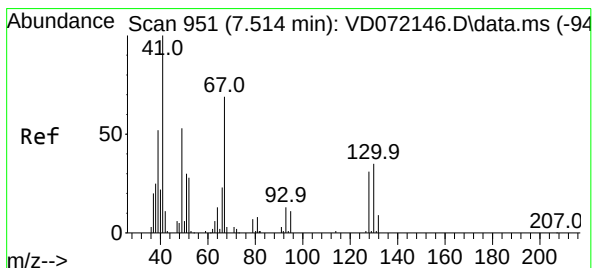
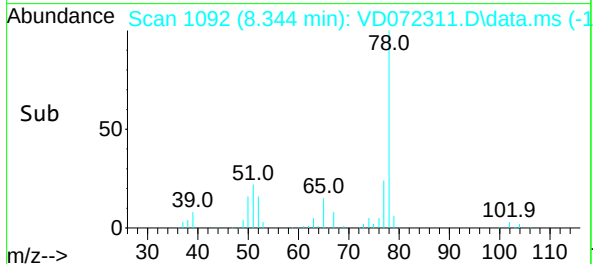
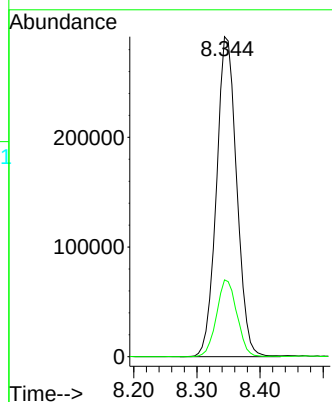
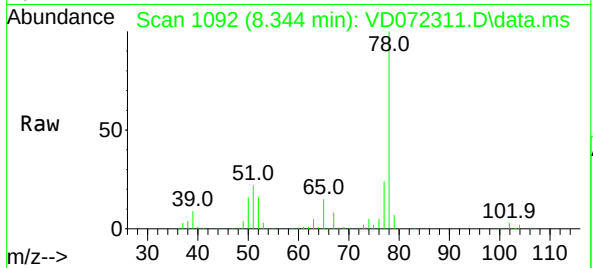




#40
Benzene
Concen: 35.160 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

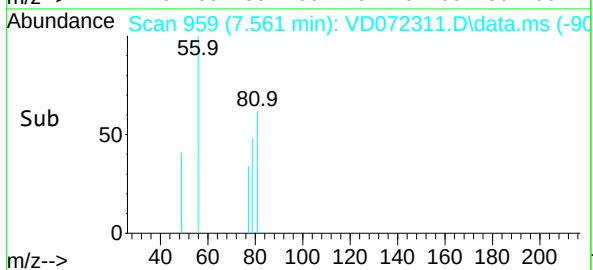
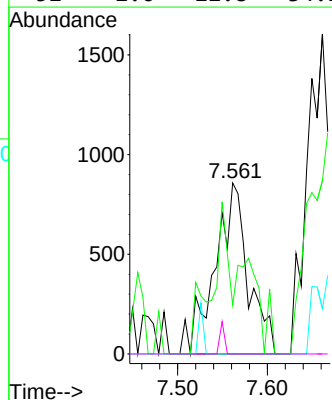
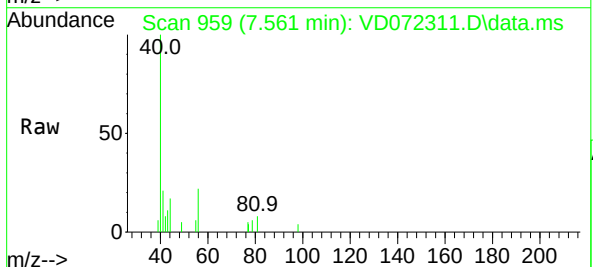
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

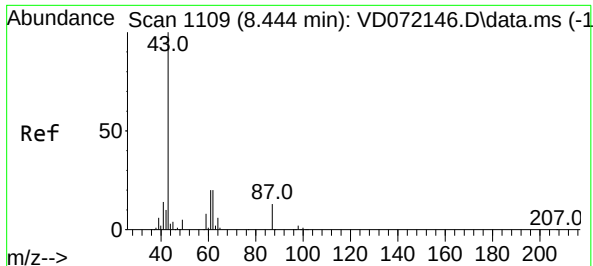
Tgt Ion: 78 Resp: 649523
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7



#41
Methacrylonitrile
Concen: 1.347 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.047 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 41 Resp: 2227
Ion Ratio Lower Upper
41 100
39 28.5 44.6 67.0#
67 0.0 48.2 72.4#
52 2.6 22.8 34.2#

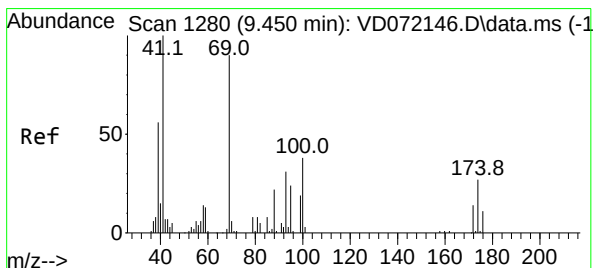
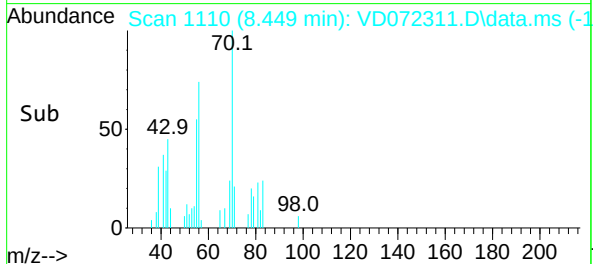
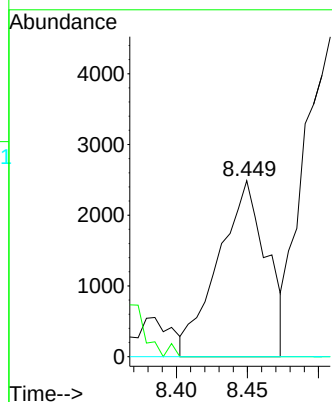
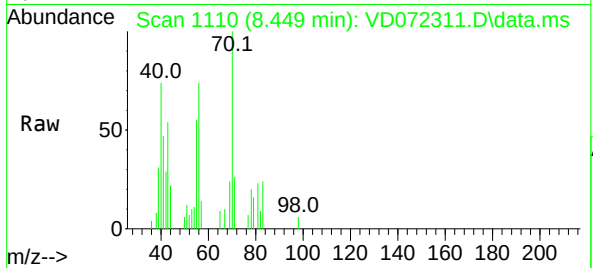




#43
Isopropyl Acetate
Concen: 1.064 ug/l
RT: 8.449 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

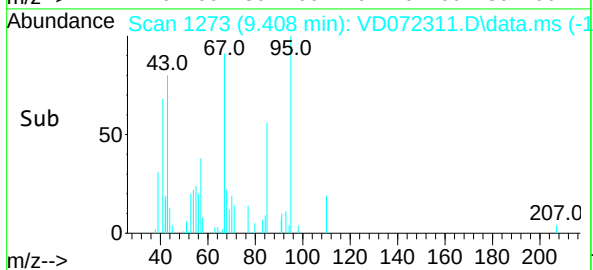
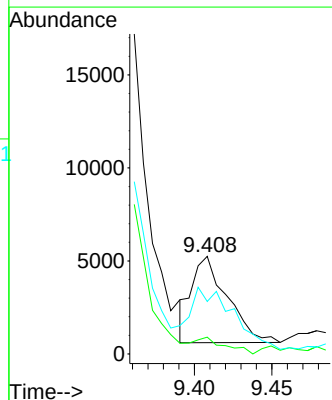
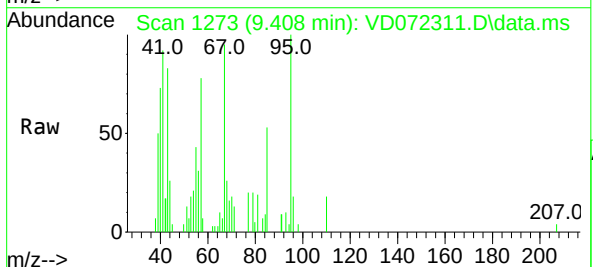
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

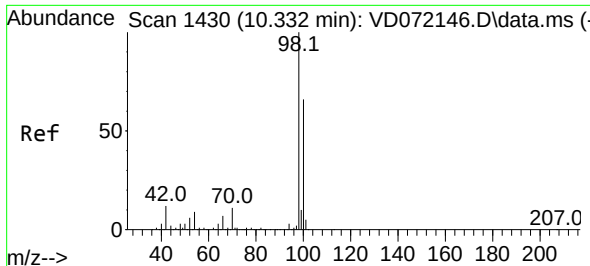
Tgt Ion: 43 Resp: 5856
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 8.7 13.1#



#48
Methyl methacrylate
Concen: 2.826 ug/l
RT: 9.408 min Scan# 1273
Delta R.T. -0.041 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 41 Resp: 7428
Ion Ratio Lower Upper
41 100
69 15.4 56.7 85.1#
39 88.9 42.7 64.1#

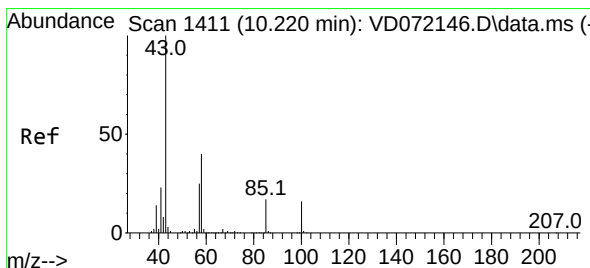
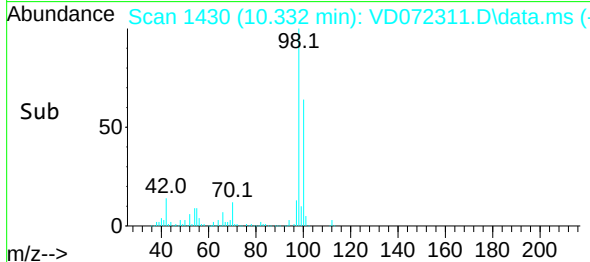
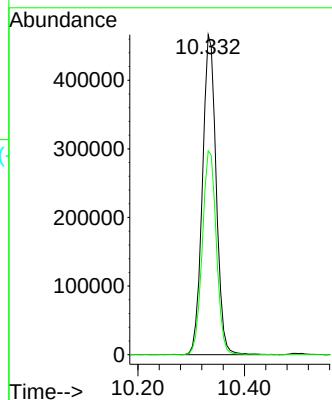
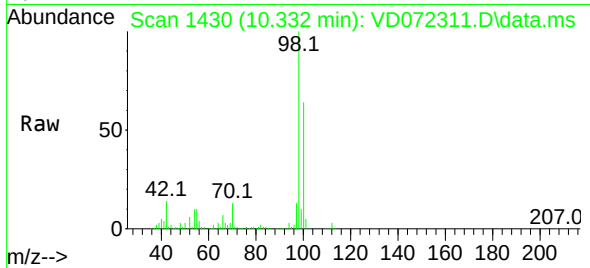




#50
Toluene-d8
Concen: 49.419 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

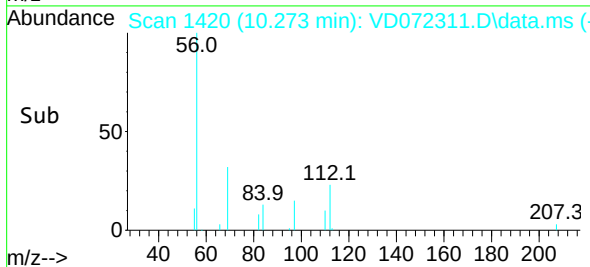
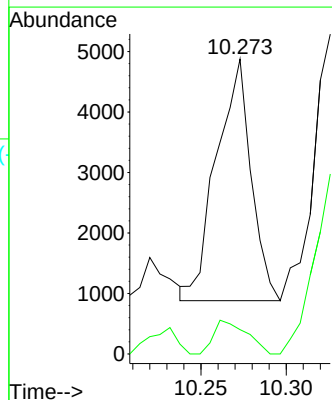
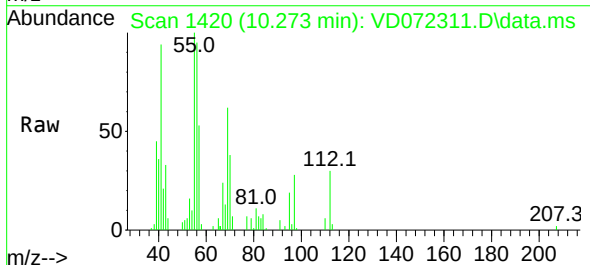
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

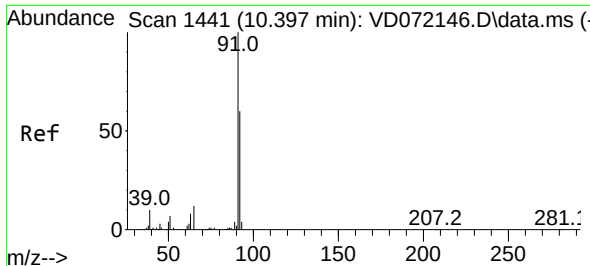
Tgt Ion: 98 Resp: 834066
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.955 ug/l
RT: 10.273 min Scan# 1420
Delta R.T. 0.053 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 43 Resp: 5652
Ion Ratio Lower Upper
43 100
58 13.3 28.6 43.0#

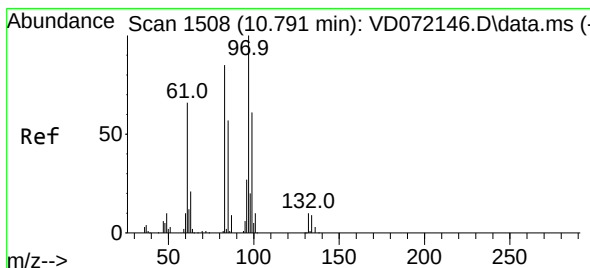
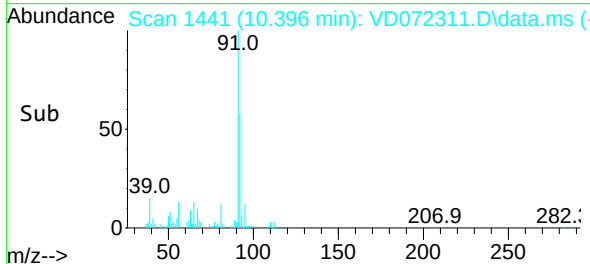
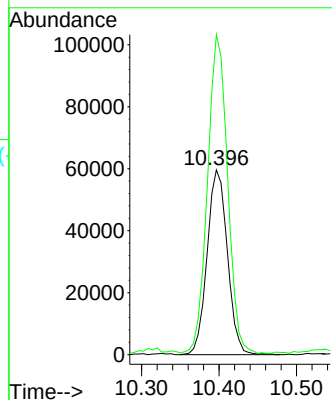
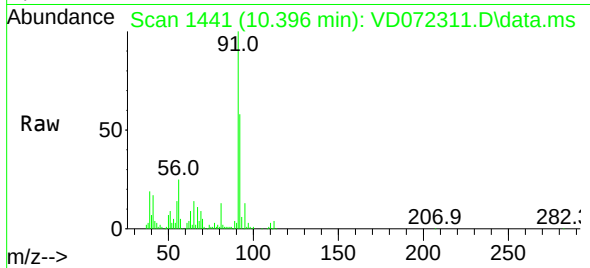




#52
Toluene
Concen: 8.929 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

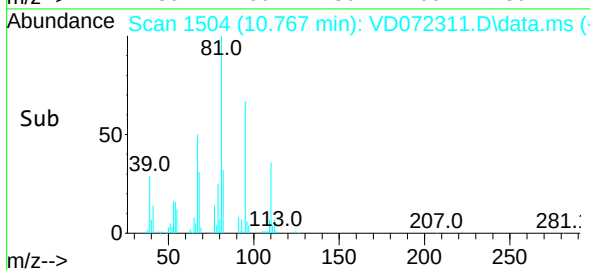
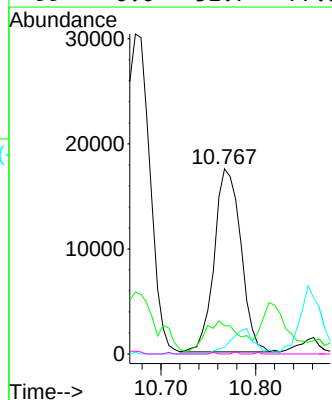
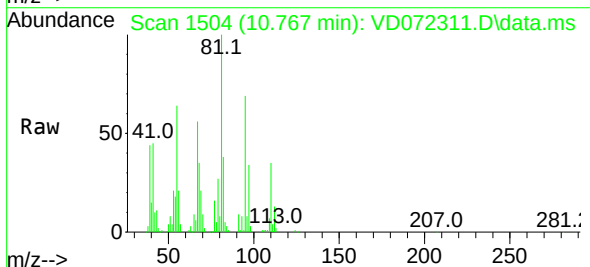
Instrument : MSVOA_D
ClientSampleId : SB-13-20220316-16.0-17.0

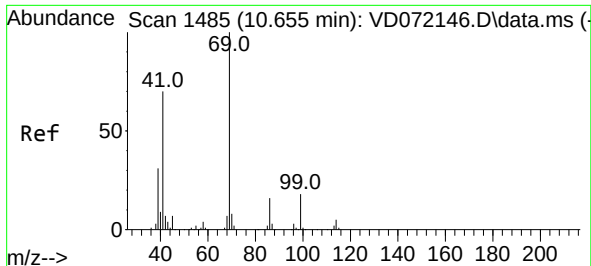
Tgt Ion: 92 Resp: 108537
Ion Ratio Lower Upper
92 100
91 170.2 139.6 209.4



#55
1,1,2-Trichloroethane
Concen: 8.965 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 97 Resp: 34035
Ion Ratio Lower Upper
97 100
83 12.8 69.0 103.4#
85 3.5 42.6 63.8#
99 0.0 51.7 77.5#

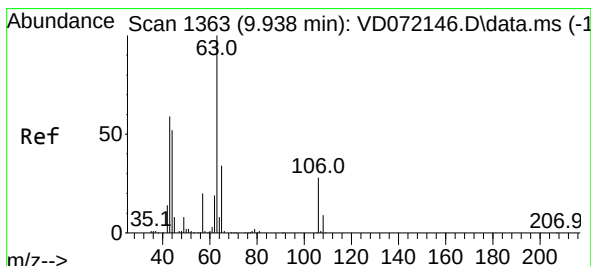
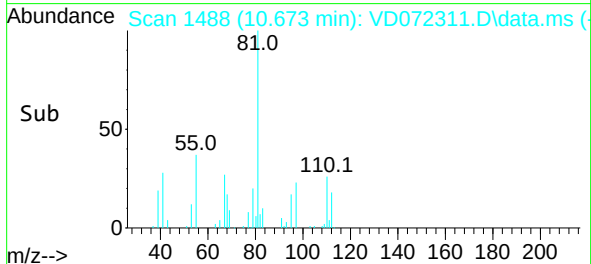
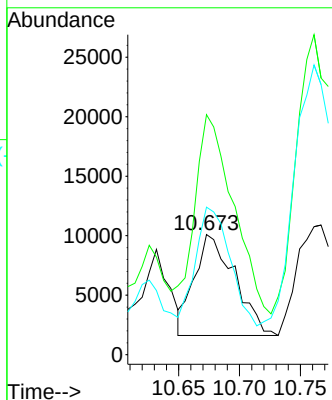
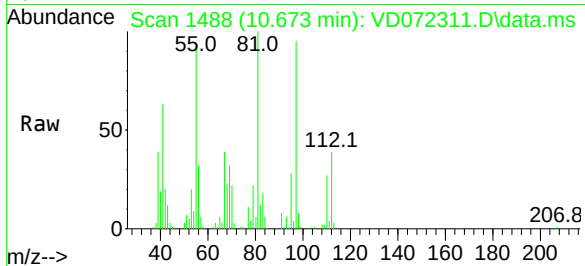




#56
Ethyl methacrylate
Concen: 4.405 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

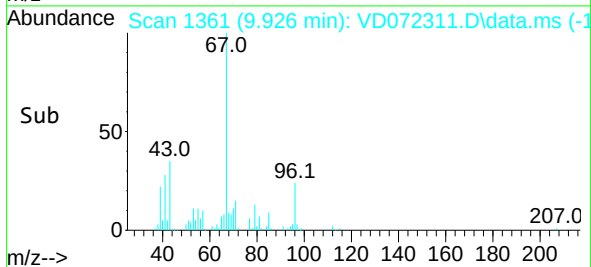
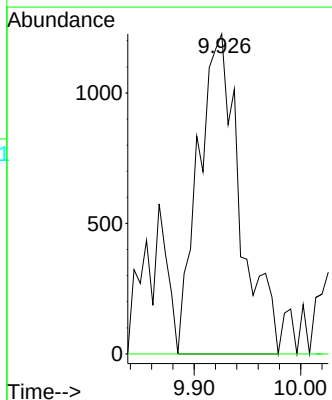
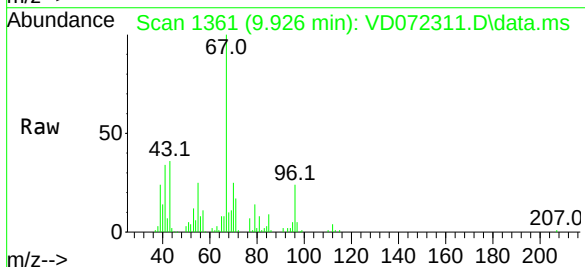
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

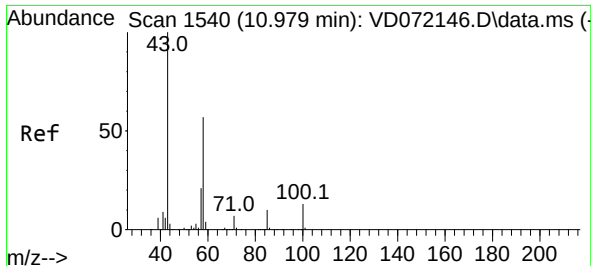
Tgt Ion: 69 Resp: 19588
Ion Ratio Lower Upper
69 100
41 213.4 63.0 94.6#
39 120.8 33.8 50.8#



#58
2-Chloroethyl Vinyl ether
Concen: 1.661 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.012 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 63 Resp: 3321
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

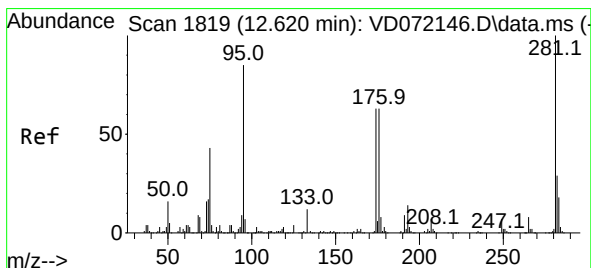
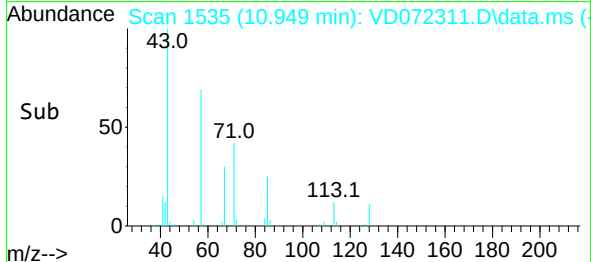
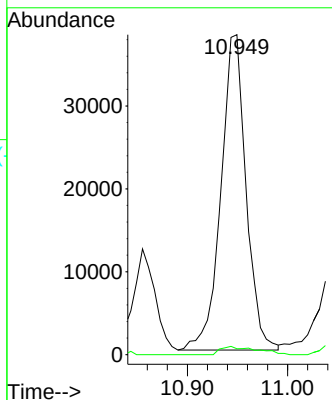
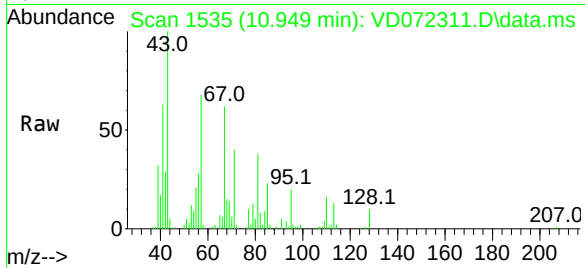




#59
2-Hexanone
Concen: 33.280 ug/l
RT: 10.949 min Scan# 11
Delta R.T. -0.030 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

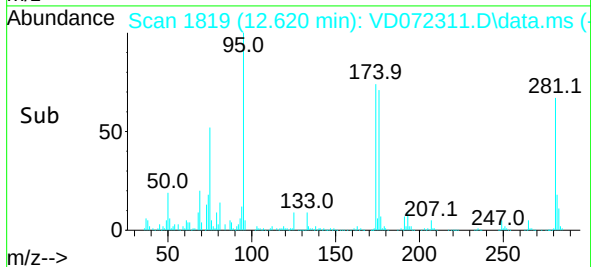
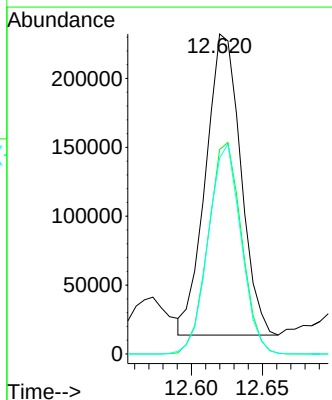
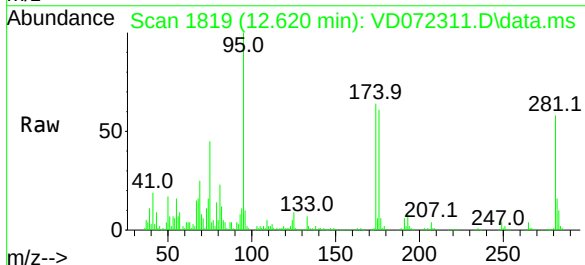
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

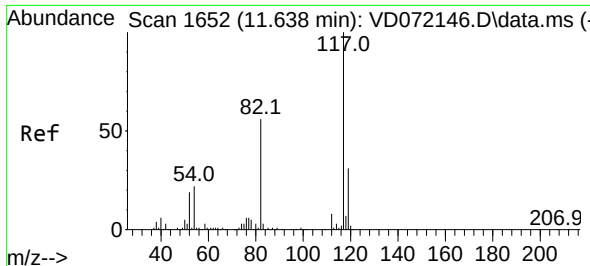
Tgt Ion: 43 Resp: 66463
Ion Ratio Lower Upper
43 100
58 3.8 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 57.144 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 95 Resp: 374738
Ion Ratio Lower Upper
95 100
174 67.2 0.0 152.8
176 65.4 0.0 145.4

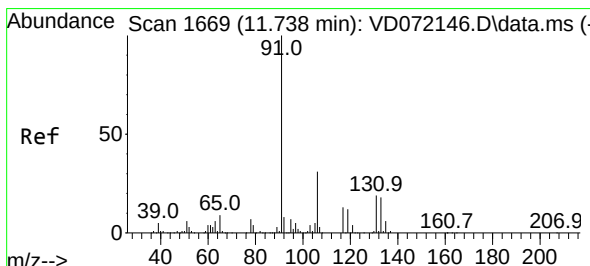
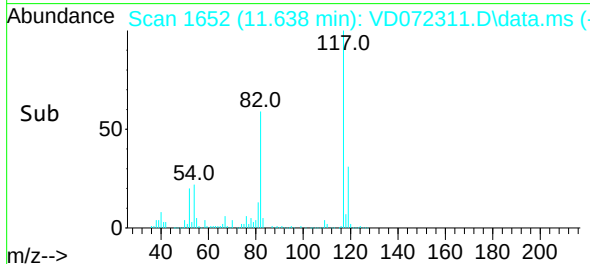
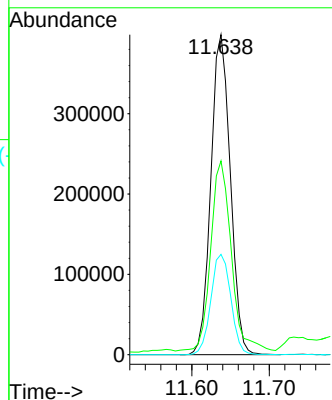
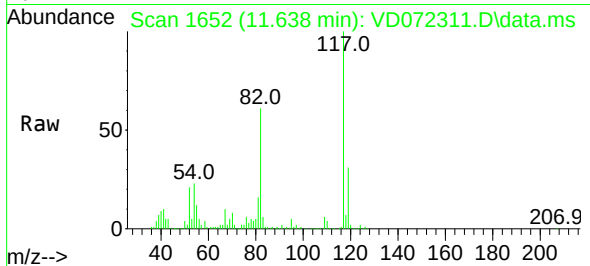




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

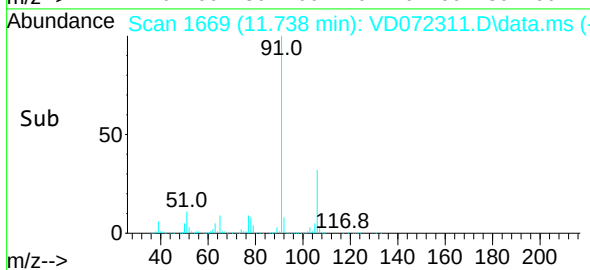
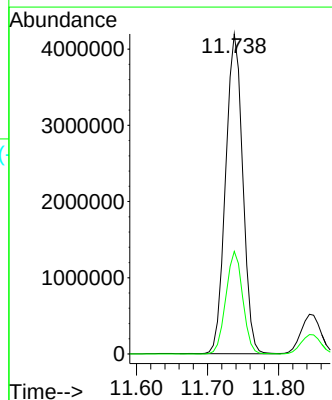
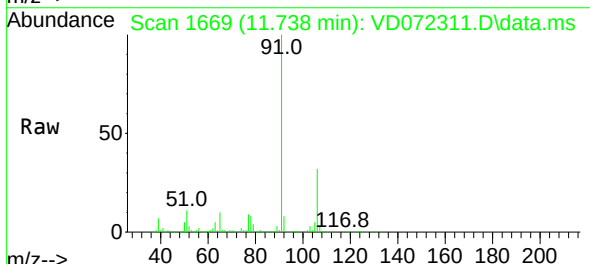
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

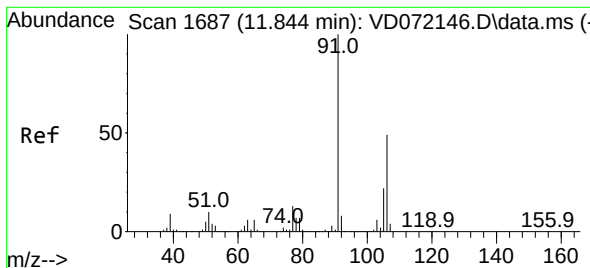
Tgt Ion	Ratio	Lower	Upper
117	100		
82	59.1	45.3	67.9
119	31.3	26.6	40.0



#67
Ethyl Benzene
Concen: 254.961 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.1	24.2	36.4





#68

m/p-Xylenes

Concen: 47.037 ug/l

RT: 11.843 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

Instrument :

MSVOA_D

ClientSampleId :

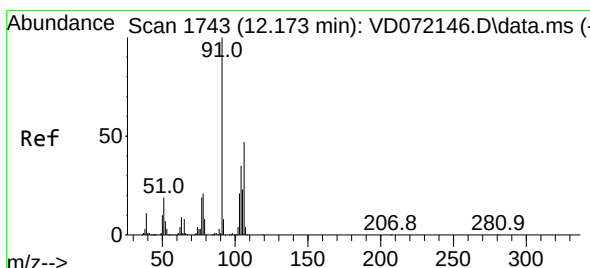
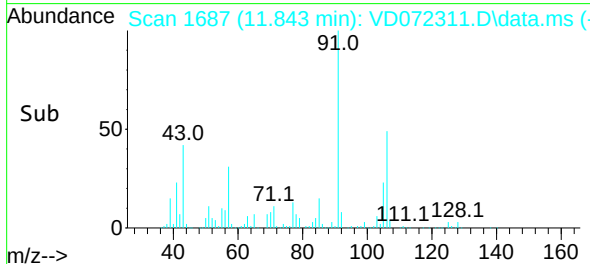
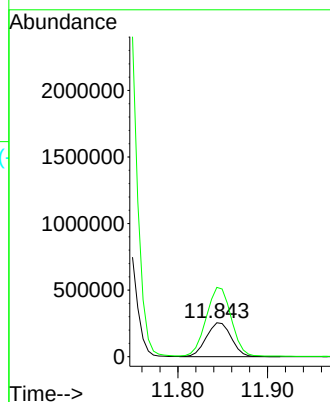
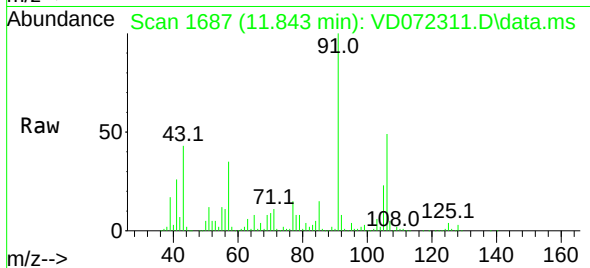
SB-13-20220316-16.0-17.0

Tgt Ion:106 Resp: 492193

Ion Ratio Lower Upper

106 100

91 204.3 163.7 245.5



#69

o-Xylene

Concen: 82.849 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VD072311.D

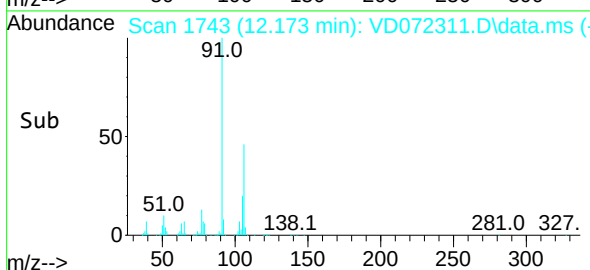
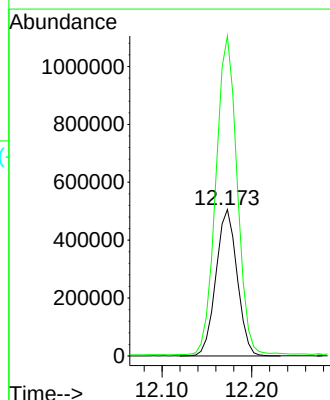
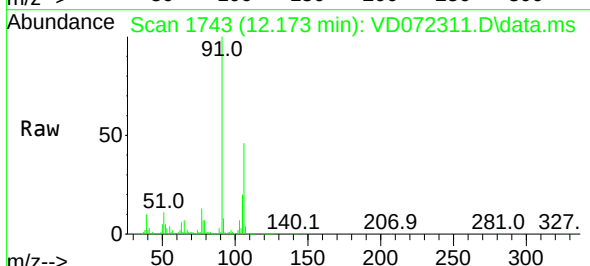
Acq: 19 Mar 2022 02:13

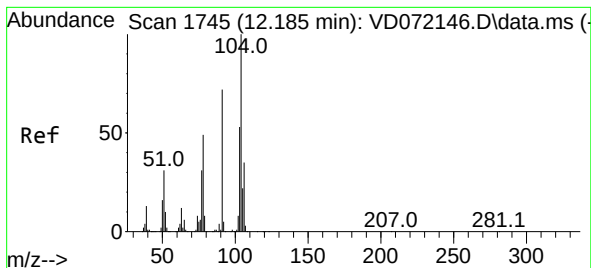
Tgt Ion:106 Resp: 829227

Ion Ratio Lower Upper

106 100

91 219.5 110.4 331.2





#70

Styrene

Concen: 4.482 ug/l

RT: 12.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

Instrument :

MSVOA_D

ClientSampleId :

SB-13-20220316-16.0-17.0

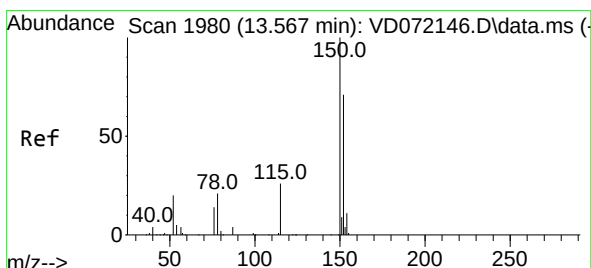
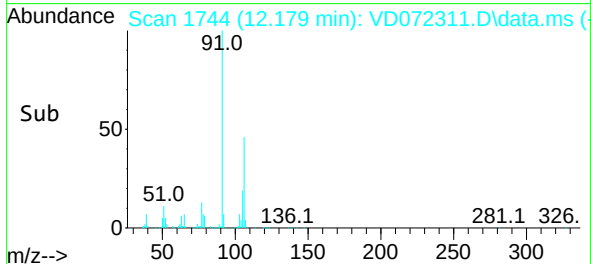
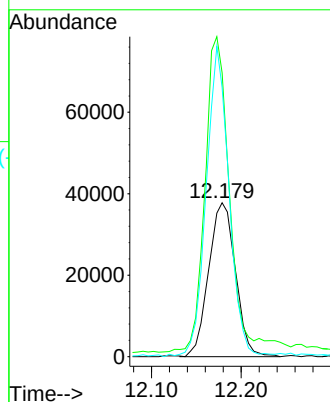
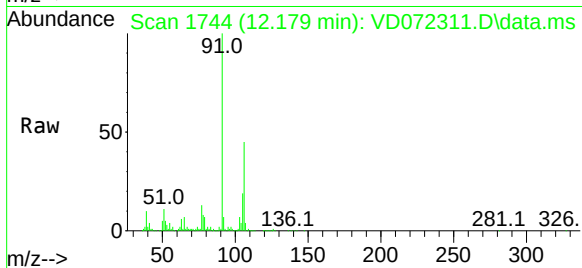
Tgt Ion:104 Resp: 78336

Ion Ratio Lower Upper

104 100

78 189.6 41.8 62.8#

103 171.7 44.2 66.4#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

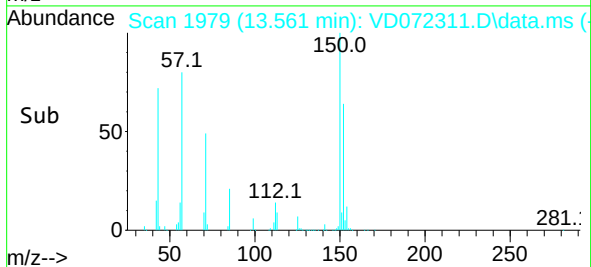
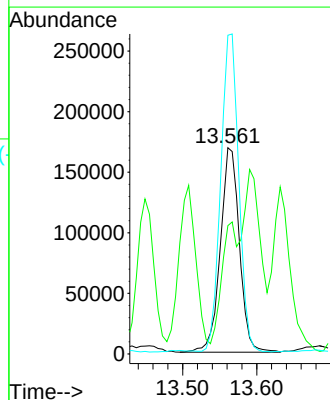
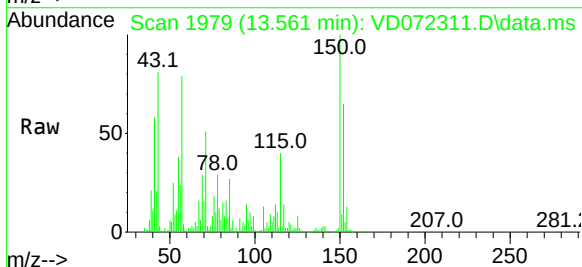
Tgt Ion:152 Resp: 301317

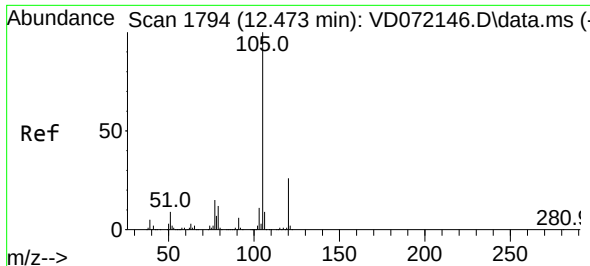
Ion Ratio Lower Upper

152 100

115 0.0 31.3 93.8#

150 147.0 0.0 348.6

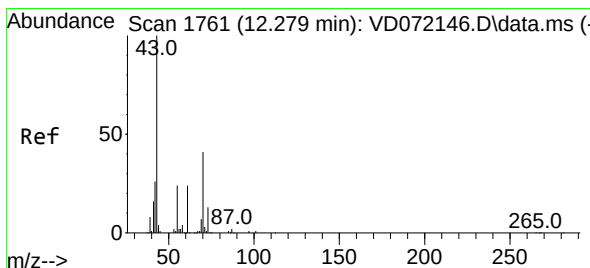
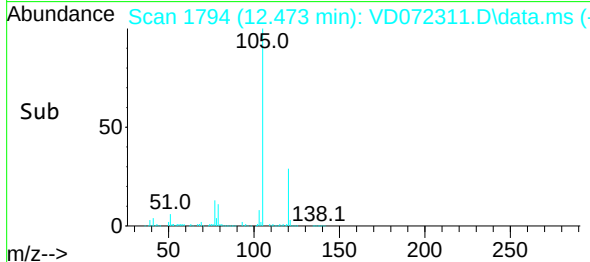
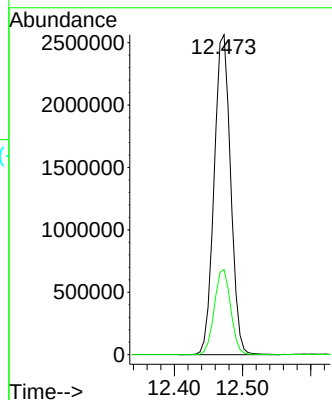
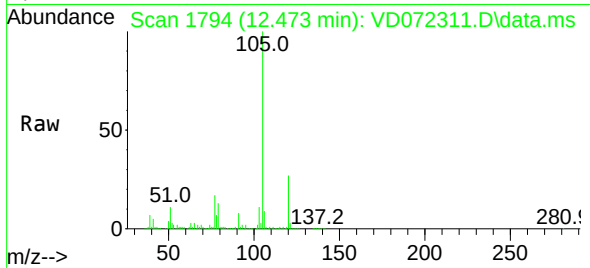




#73
Isopropylbenzene
Concen: 180.720 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

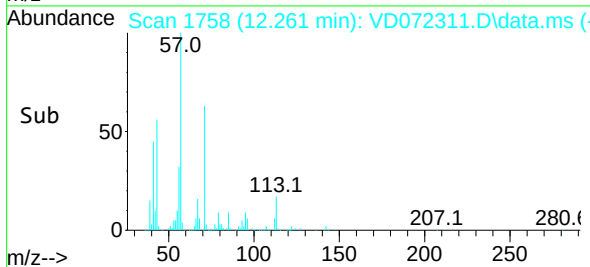
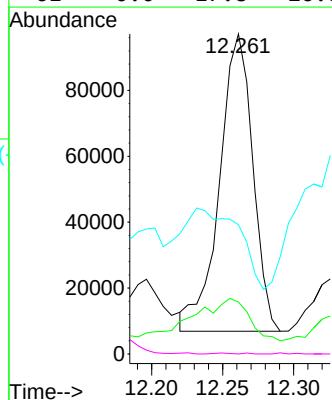
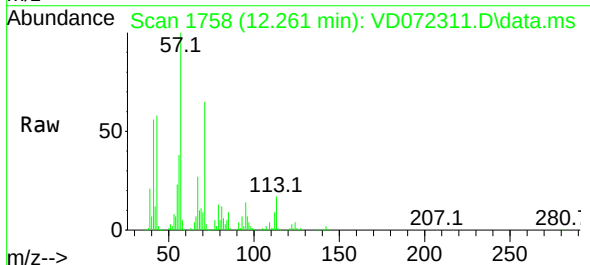
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

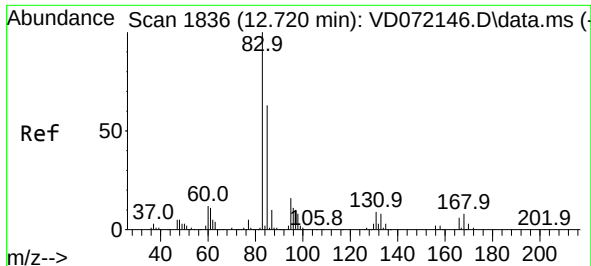
Tgt Ion:105 Resp: 4315202
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 28.689 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 43 Resp: 147213
Ion Ratio Lower Upper
43 100
70 24.5 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#

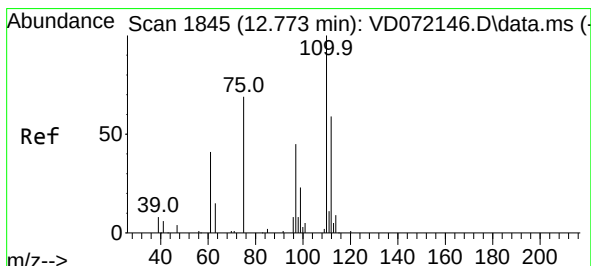
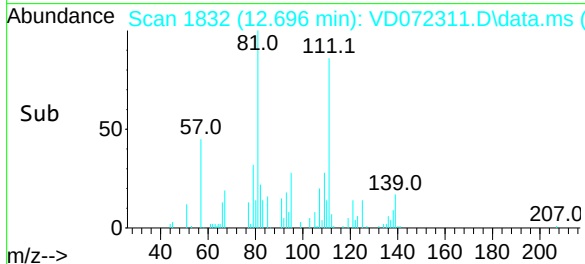
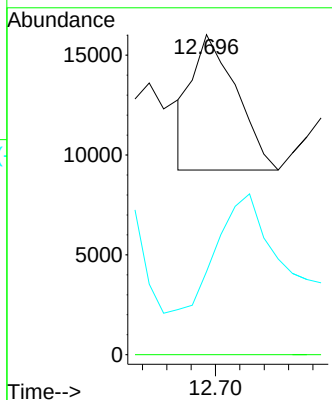
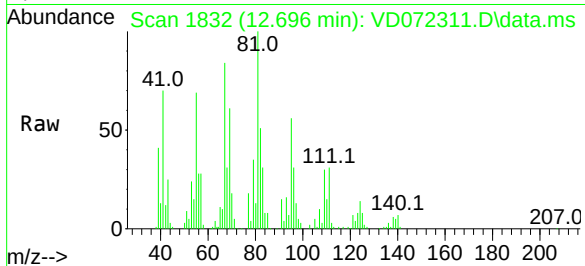




#75
1,1,2,2-Tetrachloroethane
Concen: 2.001 ug/l
RT: 12.696 min Scan# 1832
Delta R.T. -0.024 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

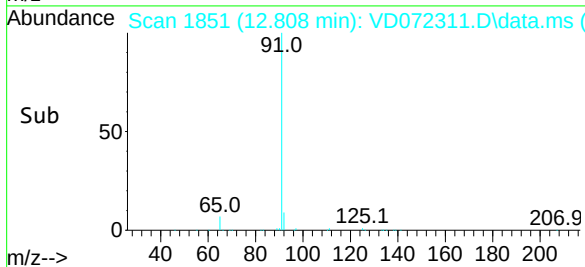
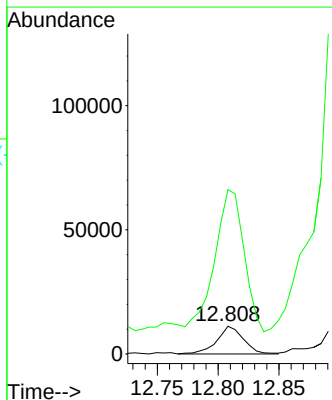
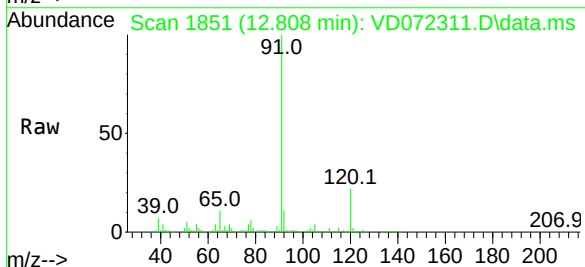
Instrument : MSVOA_D
ClientSampleId : SB-13-20220316-16.0-17.0

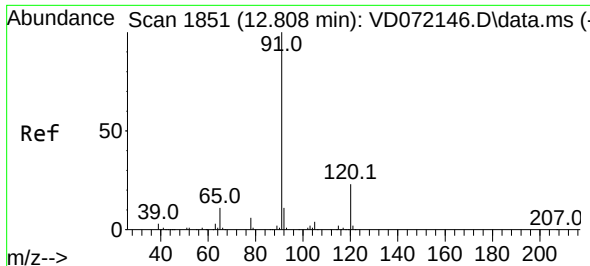
Tgt Ion: 83 Resp: 8544
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 118.9 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 5.128 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.035 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 75 Resp: 17043
Ion Ratio Lower Upper
75 100
77 562.5 0.0 0.0#

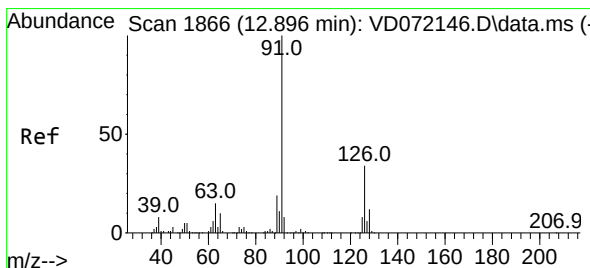
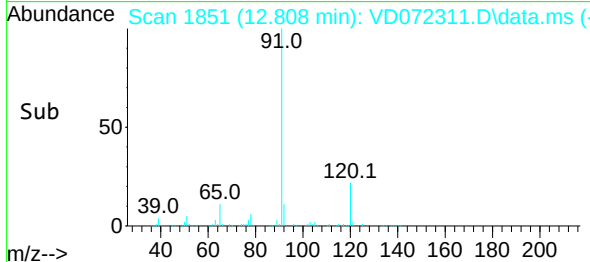
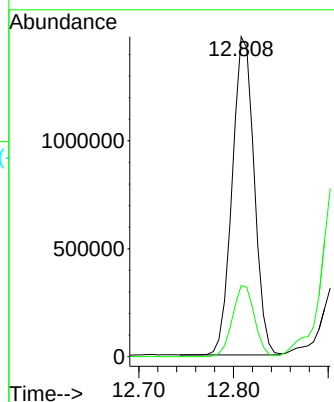
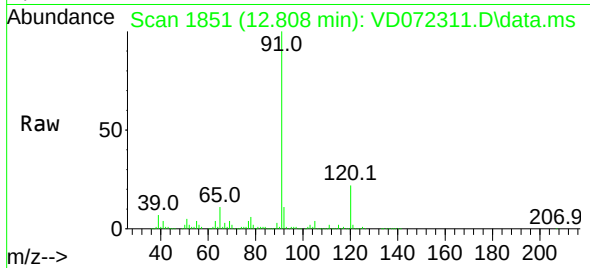




#78
n-propylbenzene
Concen: 81.836 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

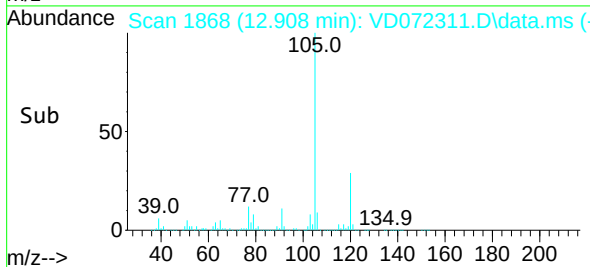
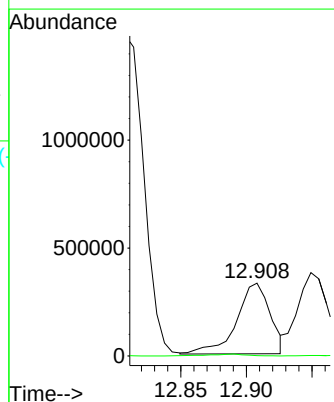
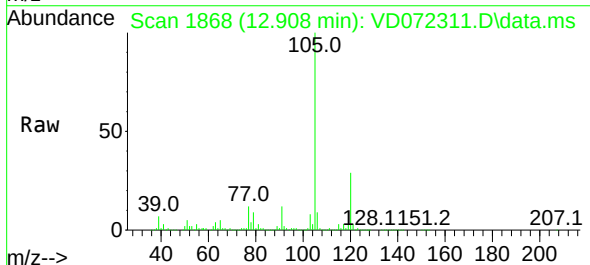
Instrument : MSVOA_D
ClientSampleId : SB-13-20220316-16.0-17.0

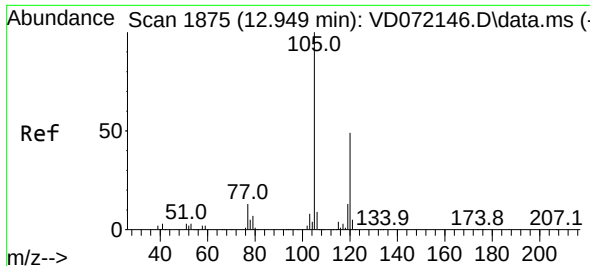
Tgt Ion: 91 Resp: 2373524
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9



#79
2-Chlorotoluene
Concen: 34.883 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.012 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 91 Resp: 585020
Ion Ratio Lower Upper
91 100
126 2.8 16.2 48.6#

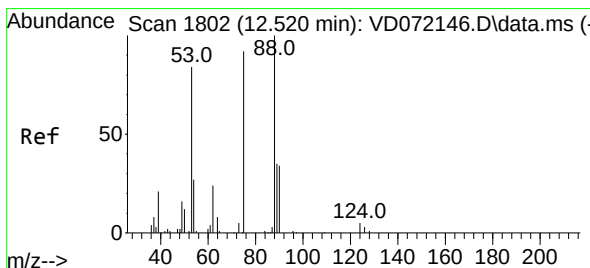
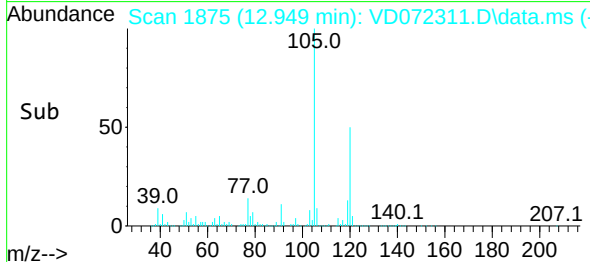
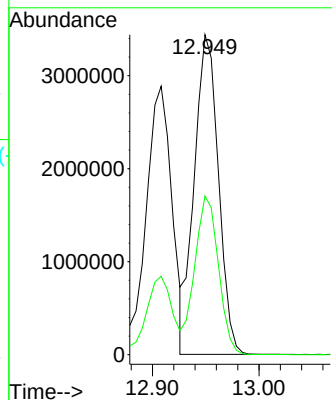
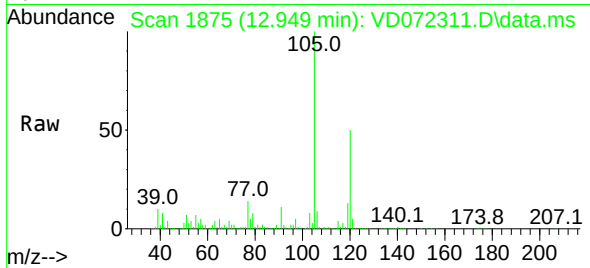




#80
 1,3,5-Trimethylbenzene
 Concen: 263.848 ug/l
 RT: 12.949 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD072311.D
 Acq: 19 Mar 2022 02:13

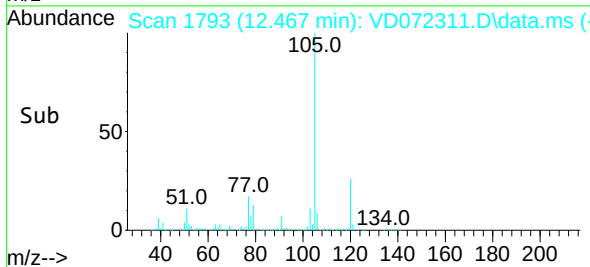
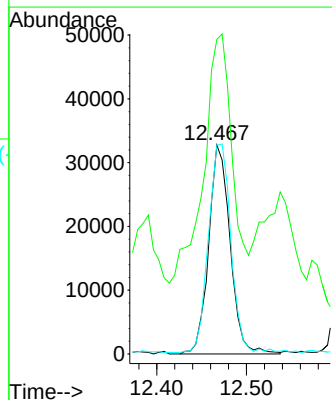
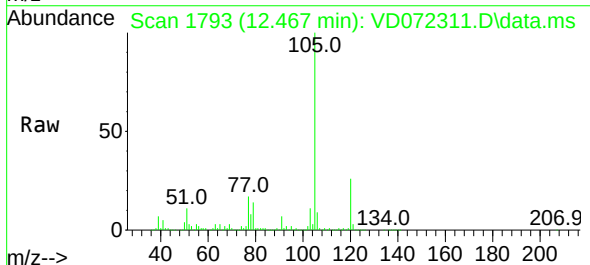
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-13-20220316-16.0-17.0

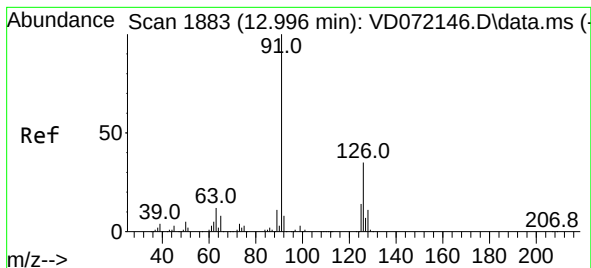
Tgt Ion:105 Resp: 5412412
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.645 ug/l
 RT: 12.467 min Scan# 1793
 Delta R.T. -0.053 min
 Lab File: VD072311.D
 Acq: 19 Mar 2022 02:13

Tgt Ion: 75 Resp: 54450
 Ion Ratio Lower Upper
 75 100
 53 164.6 86.5 129.7#
 89 103.1 33.9 50.9#





#82

4-Chlorotoluene

Concen: 34.569 ug/l

RT: 12.949 min Scan# 11

Delta R.T. -0.047 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

Instrument :

MSVOA_D

ClientSampleId :

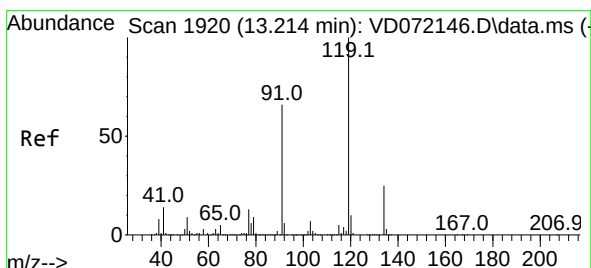
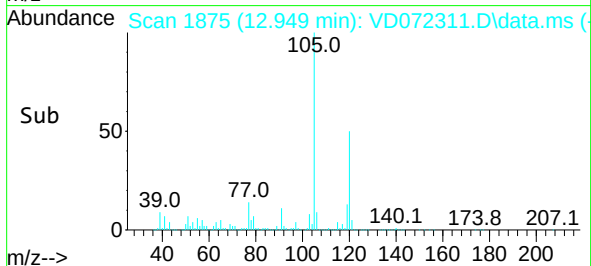
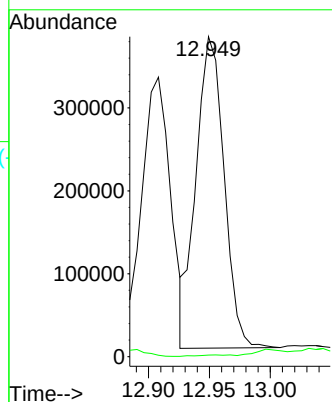
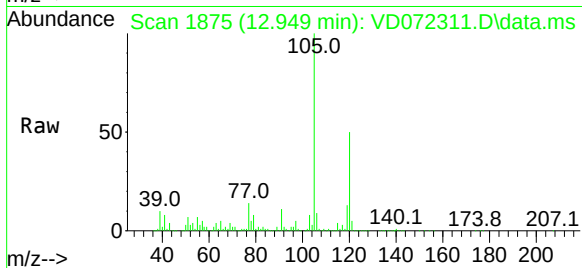
SB-13-20220316-16.0-17.0

Tgt Ion: 91 Resp: 600294

Ion Ratio Lower Upper

91 100

126 0.0 16.5 49.5#



#83

tert-Butylbenzene

Concen: 101.187 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.047 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

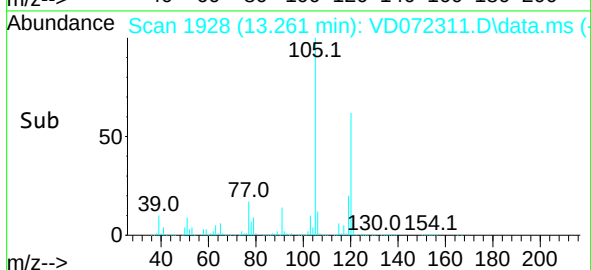
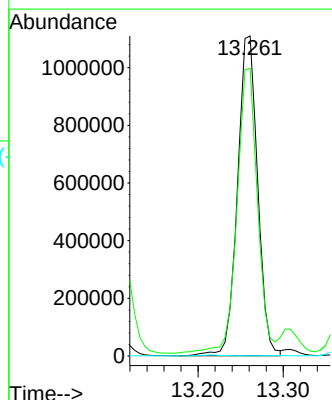
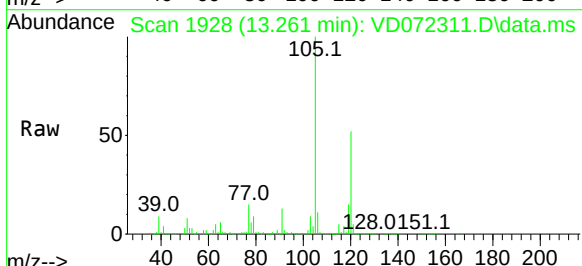
Tgt Ion: 119 Resp: 1819801

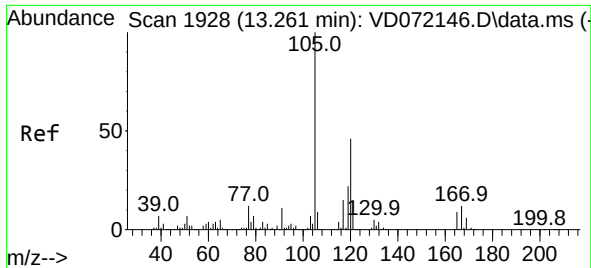
Ion Ratio Lower Upper

119 100

91 90.7 34.8 104.5

134 0.0 13.3 39.9#

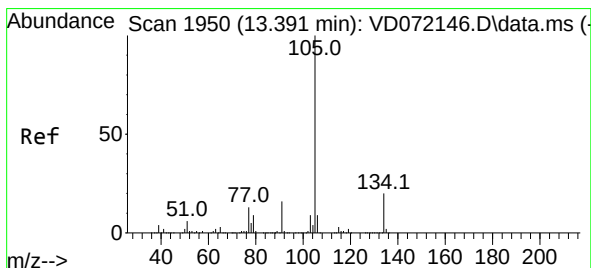
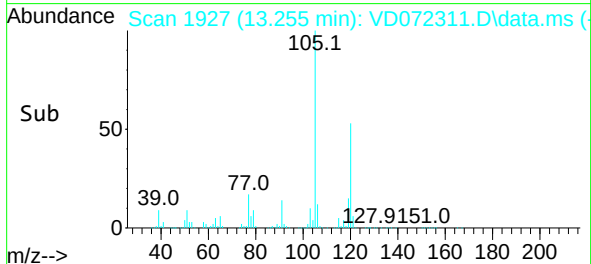
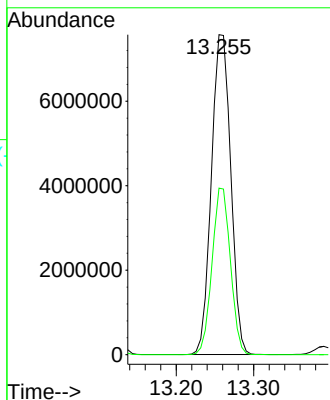
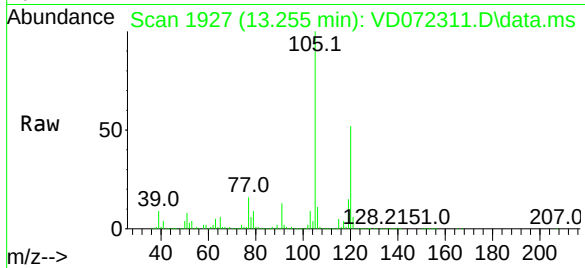




#84
1,2,4-Trimethylbenzene
Concen: 650.398 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

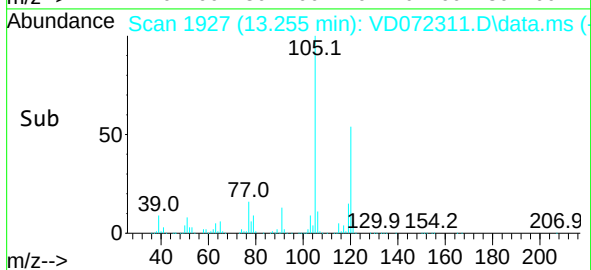
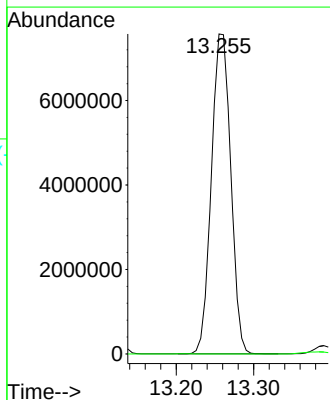
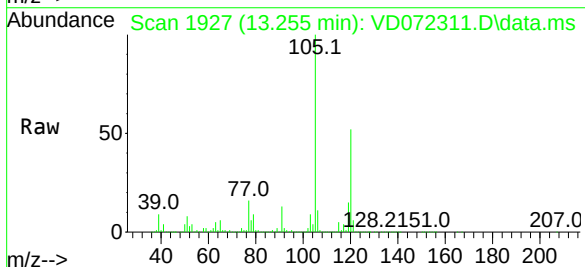
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

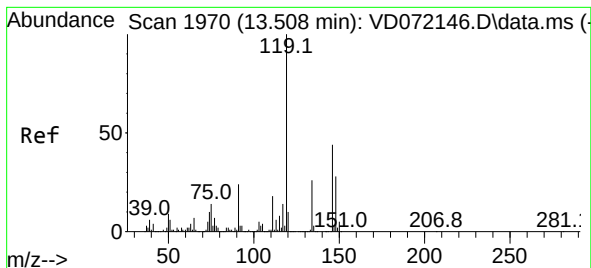
Tgt Ion:105 Resp:13146050
Ion Ratio Lower Upper
105 100
120 49.4 22.3 66.8



#85
sec-Butylbenzene
Concen: 486.749 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.135 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion:105 Resp:13146050
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#





#86

p-Isopropyltoluene

Concen: 101.136 ug/l

RT: 13.502 min Scan# 1970

Delta R.T. -0.006 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

Instrument :

MSVOA_D

ClientSampleId :

SB-13-20220316-16.0-17.0

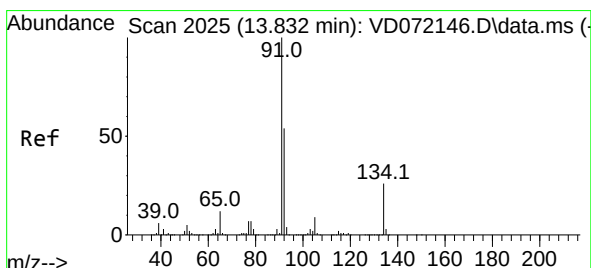
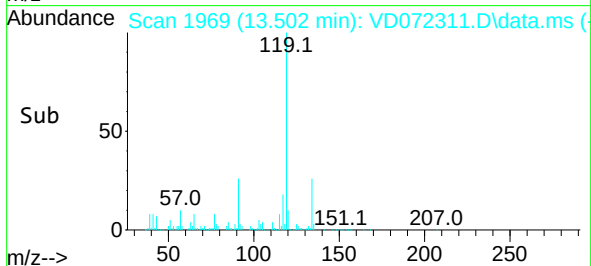
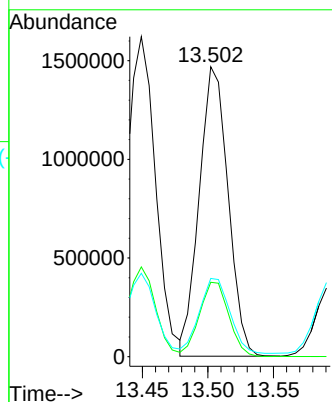
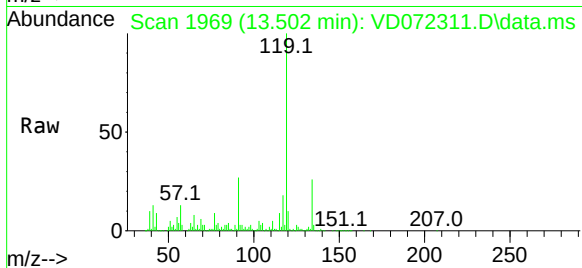
Tgt Ion:119 Resp: 2247666

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 27.0 12.1 36.3



#89

n-Butylbenzene

Concen: 156.089 ug/l

RT: 13.796 min Scan# 2019

Delta R.T. -0.035 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

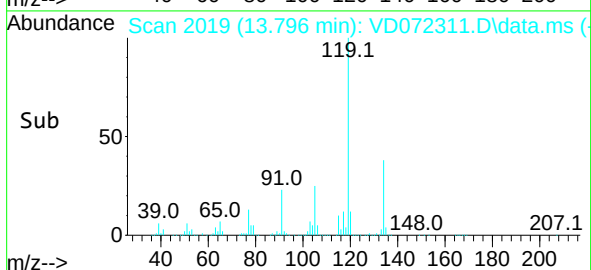
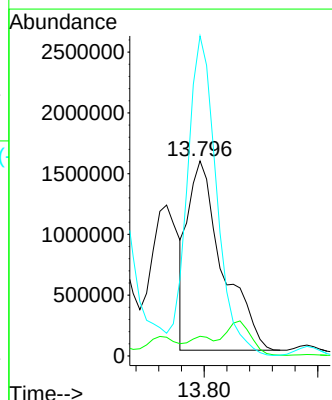
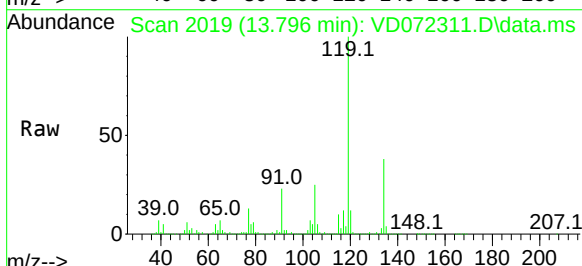
Tgt Ion: 91 Resp: 3306480

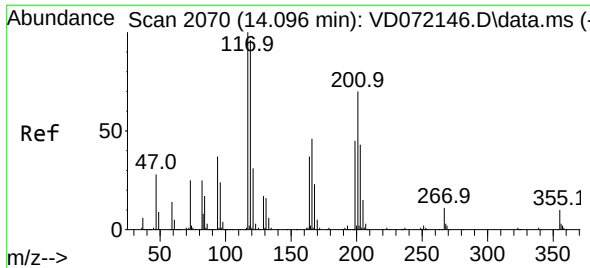
Ion Ratio Lower Upper

91 100

92 5.5 26.6 79.8#

134 142.7 12.3 36.9#

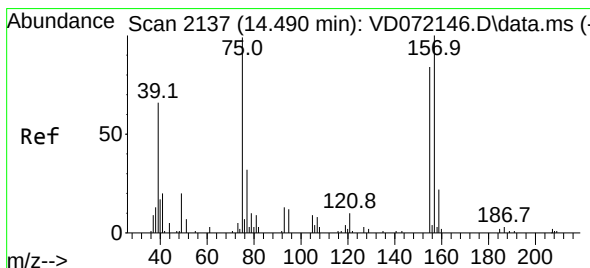
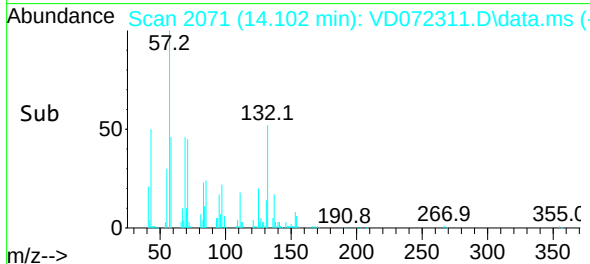
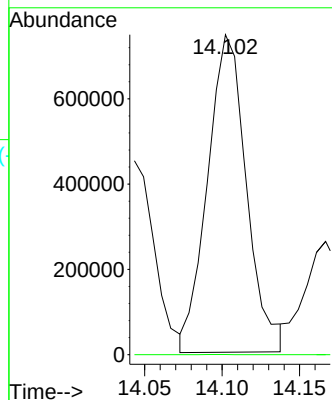
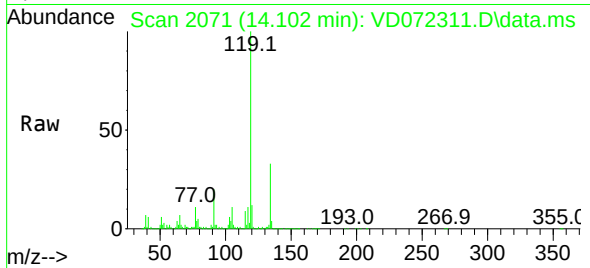




#90
Hexachloroethane
Concen: 298.876 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

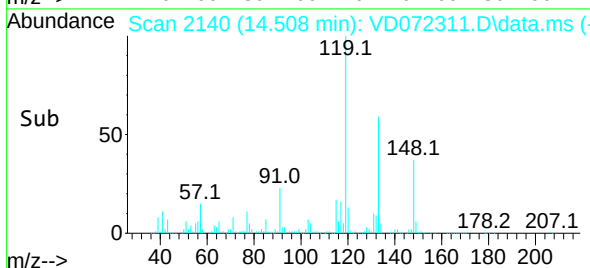
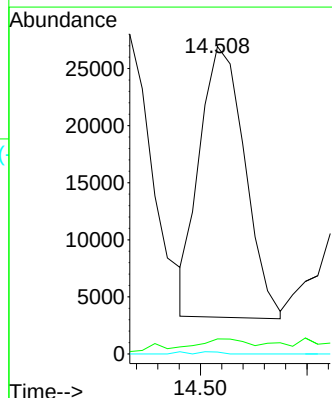
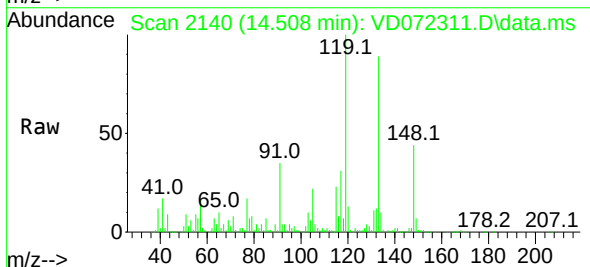
Instrument :
MSVOA_D
ClientSampleId :
SB-13-20220316-16.0-17.0

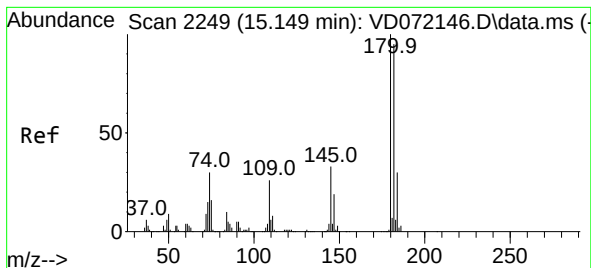
Tgt Ion:117 Resp: 1301838
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.275 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.018 min
Lab File: VD072311.D
Acq: 19 Mar 2022 02:13

Tgt Ion: 75 Resp: 34946
Ion Ratio Lower Upper
75 100
155 3.5 36.8 110.3#
157 0.4 48.4 145.0#





#93

1,2,4-Trichlorobenzene

Concen: 1.311 ug/l

RT: 15.149 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

Instrument :

MSVOA_D

ClientSampleId :

SB-13-20220316-16.0-17.0

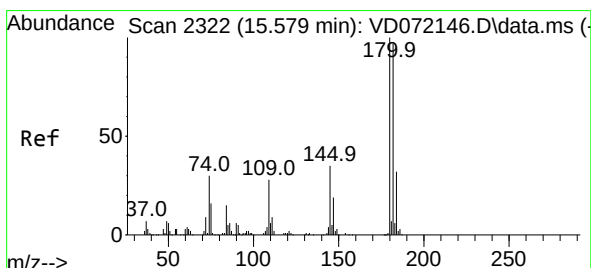
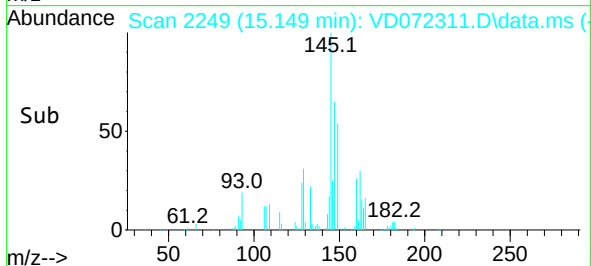
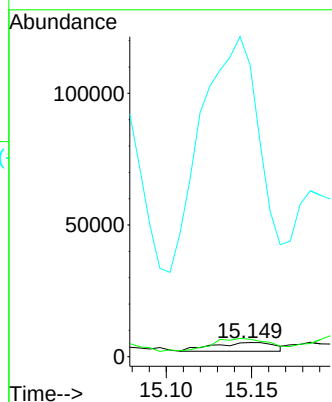
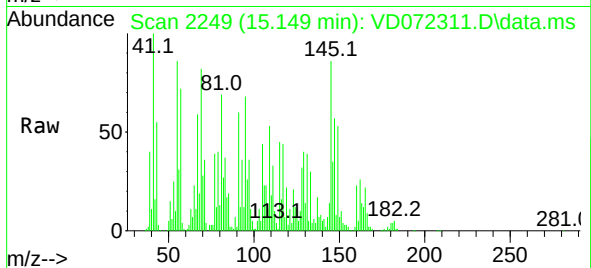
Tgt Ion:180 Resp: 8524

Ion Ratio Lower Upper

180 100

182 127.7 47.3 142.0

145 3258.8 16.2 48.5#



#96

1,2,3-Trichlorobenzene

Concen: 2.083 ug/l

RT: 15.596 min Scan# 2325

Delta R.T. 0.018 min

Lab File: VD072311.D

Acq: 19 Mar 2022 02:13

Tgt Ion:180 Resp: 11725

Ion Ratio Lower Upper

180 100

182 0.0 47.6 142.9#

145 472.3 17.1 51.3#

