

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072428.D
 Acq On : 25 Mar 2022 14:47
 Operator : VA/SY
 Sample : N1977-04
 Misc : 4.31G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-12-20220315-16.0-17.0-A

Quant Time: Mar 26 00:10:54 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	62383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	103846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	134270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	80755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	43369	62.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.760%
35) Dibromofluoromethane	7.914	113	36693	50.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.420%
50) Toluene-d8	10.338	98	133875	50.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.200%
62) 4-Bromofluorobenzene	12.620	95	76783	73.954	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	147.900%#
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	617	1.914	ug/l #	53
10) Methyl Iodide	4.314	142	71	2.333	ug/l #	38
11) Tert butyl alcohol	5.185	59	226	5.607	ug/l #	74
16) Acetone	4.156	43	24307	161.030	ug/l #	83
17) Carbon Disulfide	4.403	76	2300	3.169	ug/l #	74
20) Methylene Chloride	4.962	84	1603	Below Cal	#	54
25) 2-Butanone	7.220	43	7531	37.419	ug/l #	89
29) Tetrahydrofuran	7.561	42	259	2.189	ug/l #	38
31) Cyclohexane	7.979	56	1714	1.578	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	5419	5.286	ug/l #	49
37) Ethyl Acetate	7.220	43	7531	16.770	ug/l #	72
38) Carbon Tetrachloride	7.979	117	6662	5.717	ug/l #	13
40) Benzene	8.350	78	217842	74.483	ug/l	97
42) 1,2-Dichloroethane	8.350	62	2019	2.276	ug/l #	76
52) Toluene	10.397	92	24820	12.897	ug/l	100
65) Chlorobenzene	11.667	112	29271	9.833	ug/l	98
67) Ethyl Benzene	11.738	91	345065	64.904	ug/l	97
68) m/p-Xylenes	11.844	106	21795	10.796	ug/l	93
69) o-Xylene	12.173	106	27355	14.166	ug/l	98
70) Styrene	12.185	104	4530	1.343	ug/l #	1
73) Isopropylbenzene	12.473	105	149159	23.308	ug/l	99
74) N-amyl acetate	12.267	43	2658	1.933	ug/l #	79
76) 1,2,3-Trichloropropane	12.626	75	41719	46.833	ug/l #	100
77) Bromobenzene	12.943	156	70532	48.968	ug/l #	1
78) n-propylbenzene	12.808	91	96895	12.465	ug/l	100
79) 2-Chlorotoluene	12.908	91	6556	1.459	ug/l #	57
80) 1,3,5-Trimethylbenzene	12.949	105	102492	18.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.461	75	2532	7.052	ug/l #	74
82) 4-Chlorotoluene	12.949	91	12210	2.624	ug/l #	45
83) tert-Butylbenzene	13.261	119	70563	14.640	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.255	105	554382	102.340	ug/l	98
85) sec-Butylbenzene	13.255	105	554382	76.590	ug/l #	57
86) p-Isopropyltoluene	13.502	119	64501	10.829	ug/l	92
87) 1,3-Dichlorobenzene	13.502	146	6261	2.074	ug/l #	12
88) 1,4-Dichlorobenzene	13.585	146	10617	3.547	ug/l #	74
89) n-Butylbenzene	13.767	91	576680	101.577	ug/l #	40

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

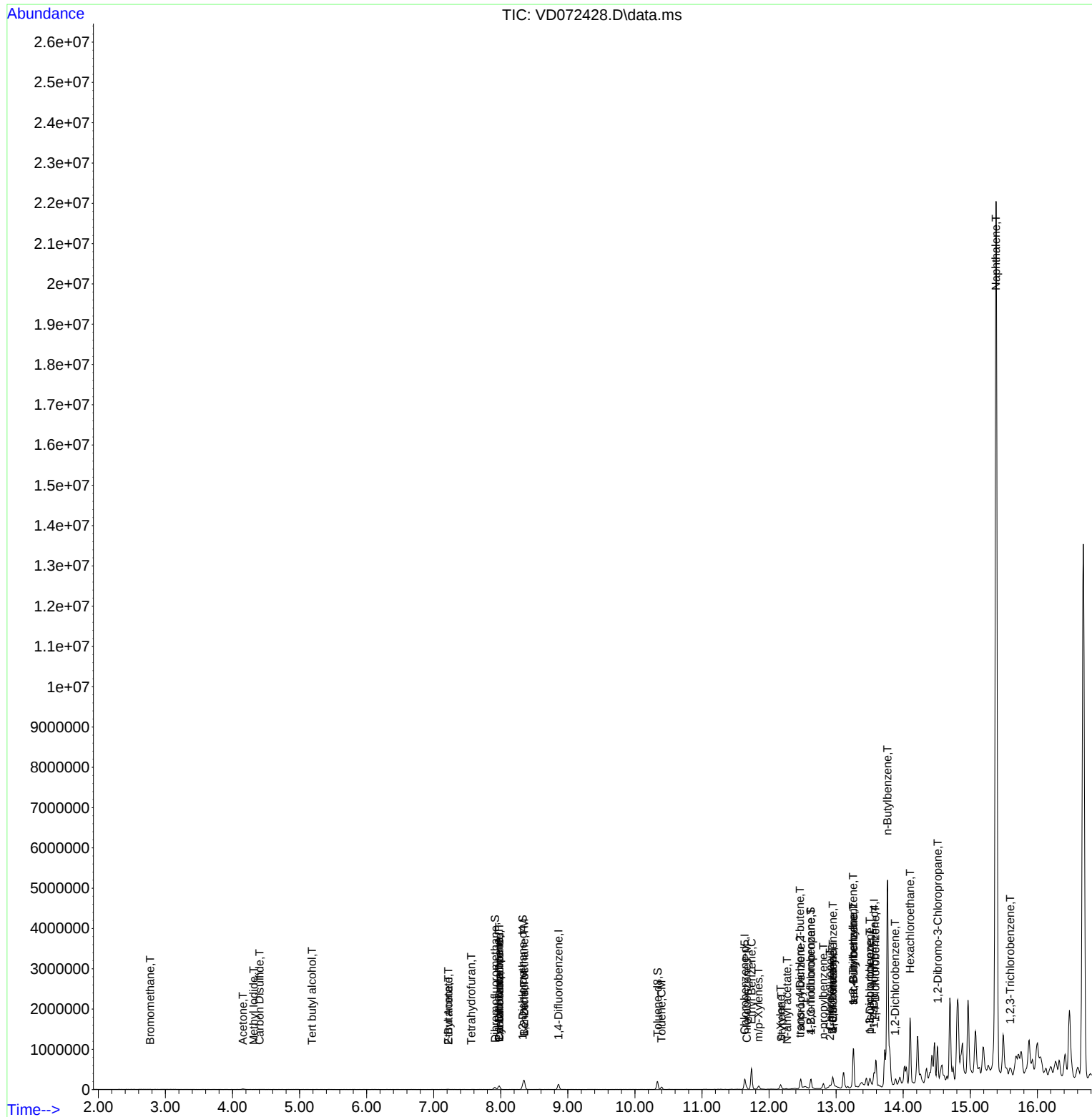
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.102	117	92377	79.132	ug/l #	17
91) 1,2-Dichlorobenzene	13.879	146	3199	1.215	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.514	75	3082	16.873	ug/l #	15
95) Naphthalene	15.385	128	18067125	6015.064	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.596	180	1682	1.115	ug/l #	52

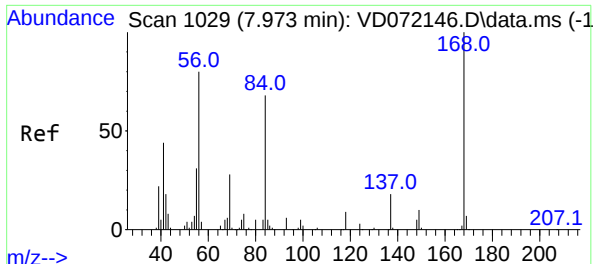
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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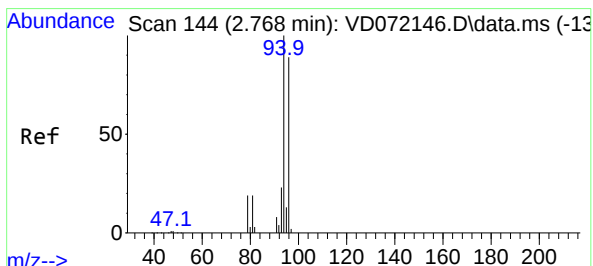
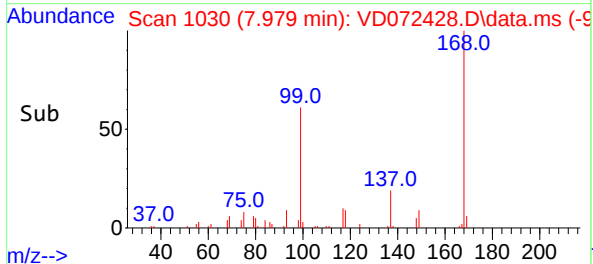
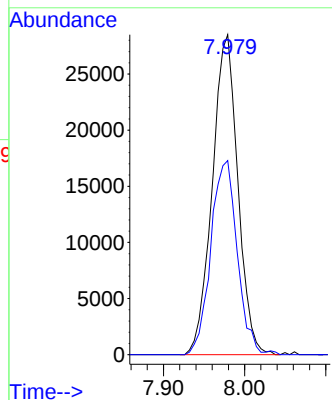
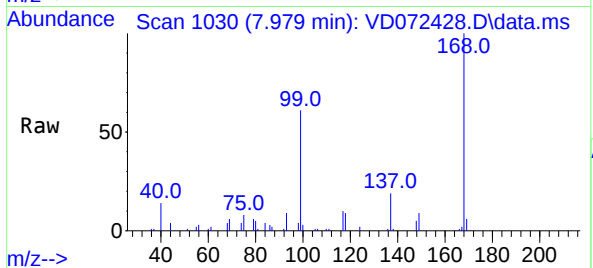




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

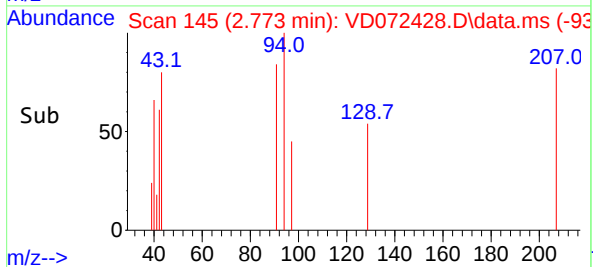
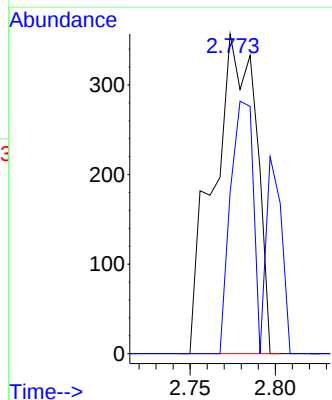
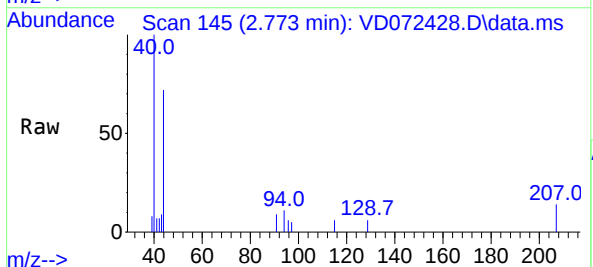
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

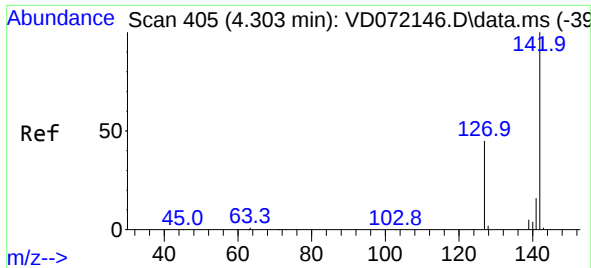
Tgt Ion:168 Resp: 62383
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#5
Bromomethane
Concen: 1.914 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 50.4 77.6 116.4#

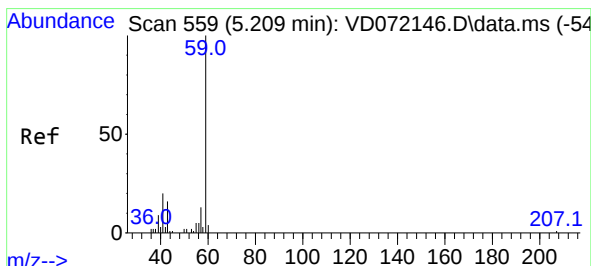
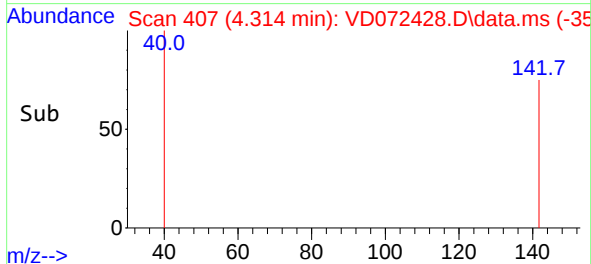
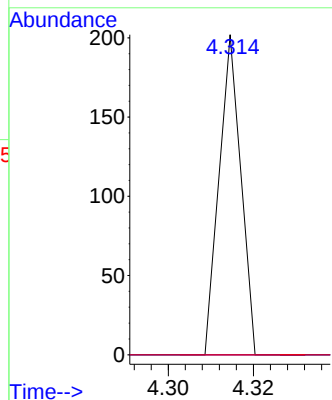
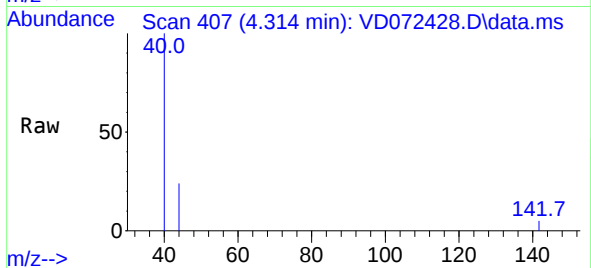




#10
Methyl Iodide
Concen: 2.333 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

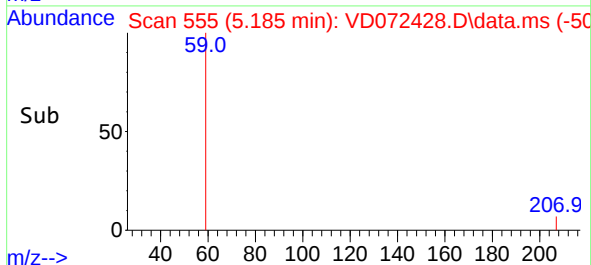
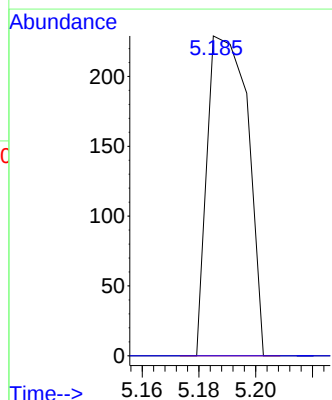
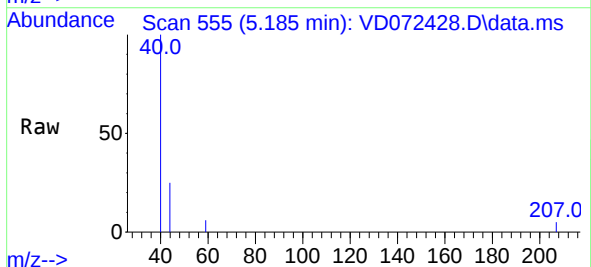
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0-A

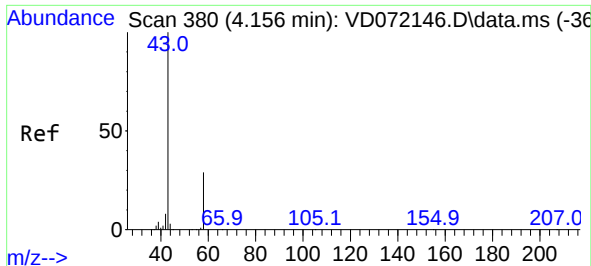
Tgt Ion:	142	Resp:	71
Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.3	55.9#
141	0.0	11.7	17.5#



#11
Tert butyl alcohol
Concen: 5.607 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.024 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:	59	Resp:	226
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

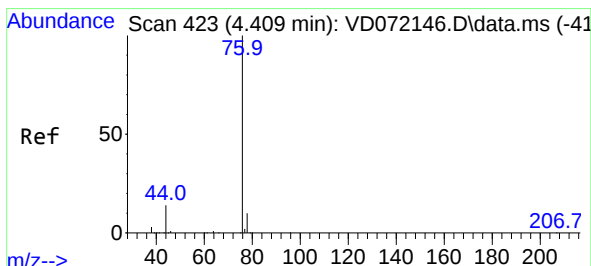
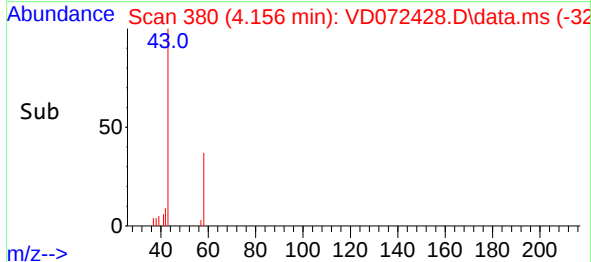
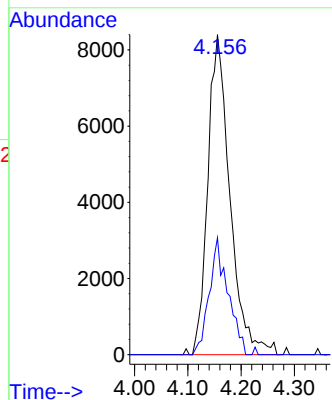
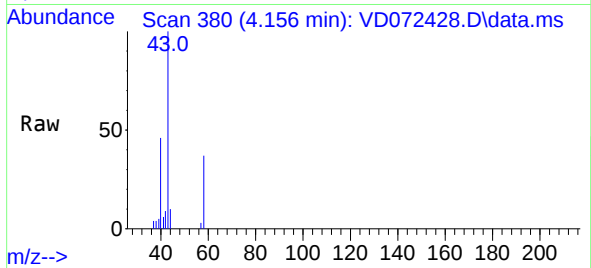




#16
Acetone
Concen: 161.030 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

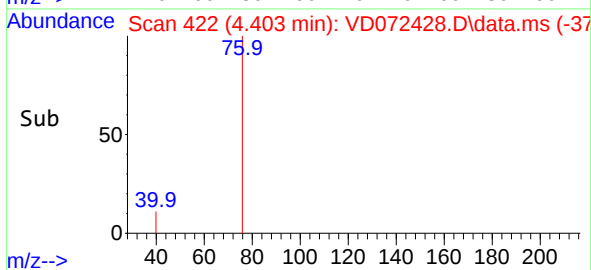
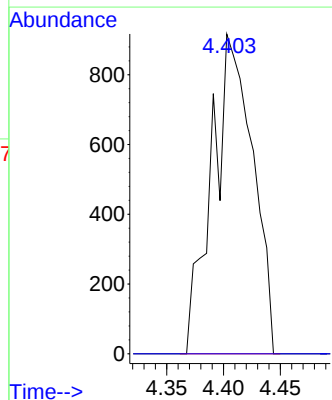
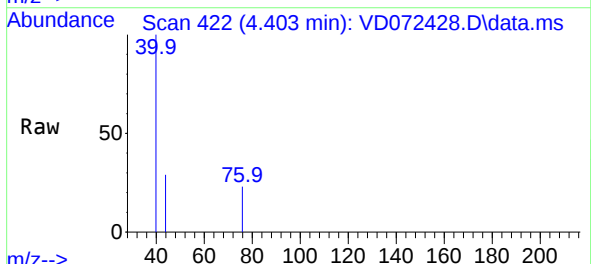
Instrument :
MSVOA_D
ClientSampleId :
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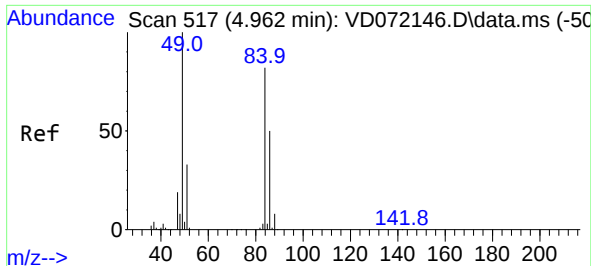
Tgt Ion: 43 Resp: 24307
Ion Ratio Lower Upper
43 100
58 36.5 22.1 33.1#



#17
Carbon Disulfide
Concen: 3.169 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 76 Resp: 2300
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

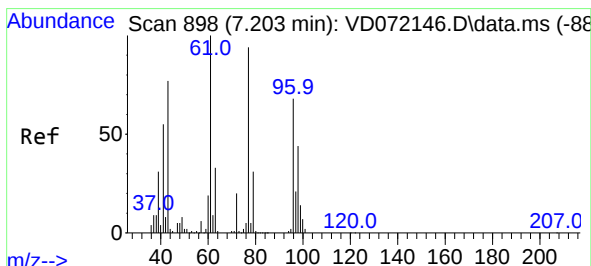
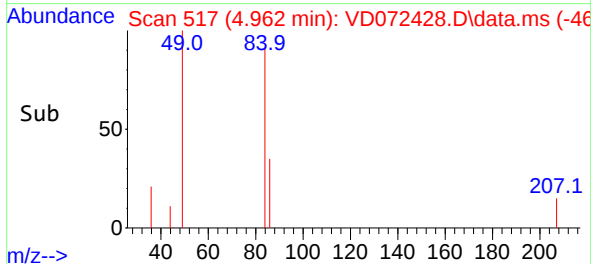
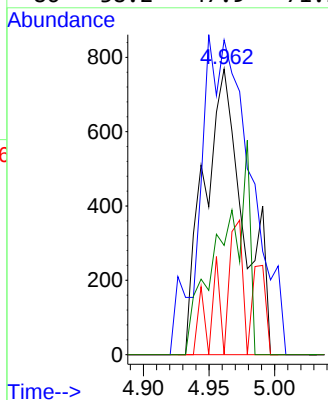
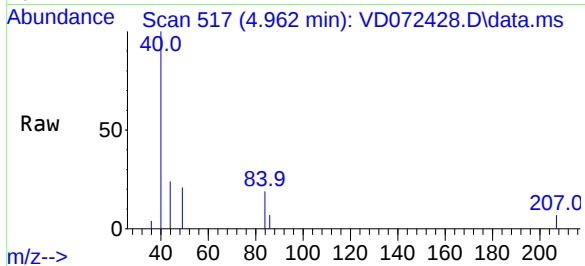




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

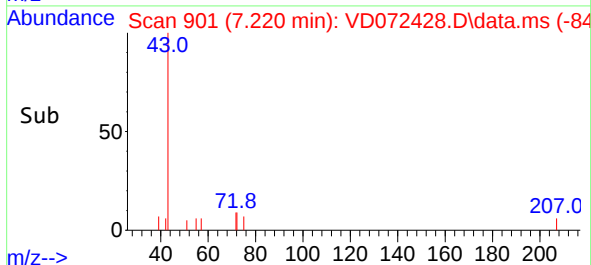
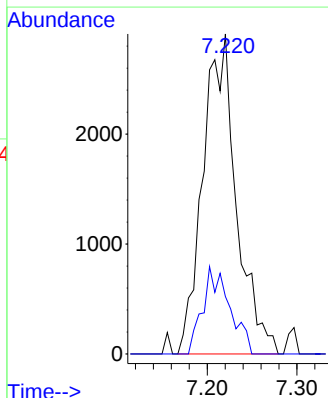
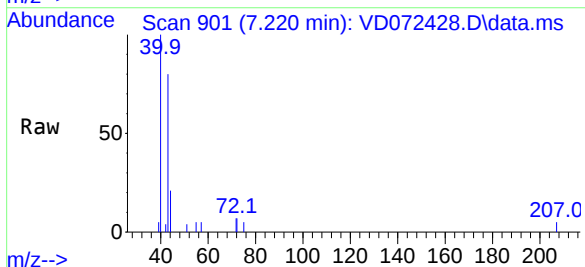
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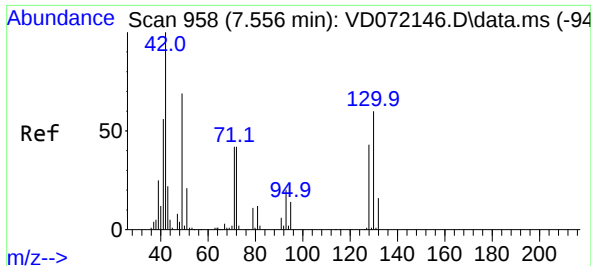
Tgt Ion:	84	Resp:	1603
Ion	Ratio	Lower	Upper
84	100		
49	82.8	112.8	169.2#
51	0.0	32.6	48.8#
86	38.2	47.9	71.9#



#25
2-Butanone
Concen: 37.419 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.018 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:	43	Resp:	7531
Ion	Ratio	Lower	Upper
43	100		
72	18.0	18.6	27.8#





#29

Tetrahydrofuran

Concen: 2.189 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072428.D

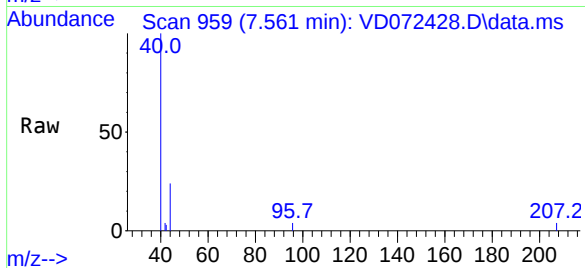
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Instrument :

MSVOA_D

ClientSampleId :

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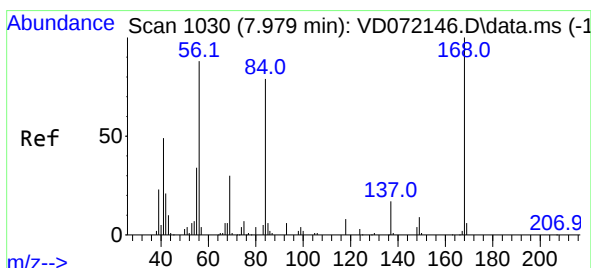
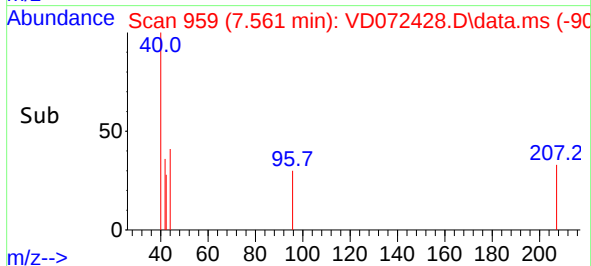
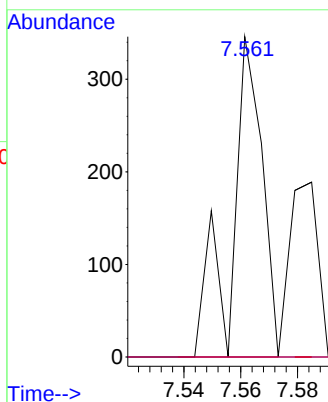
Tgt Ion: 42 Resp: 259

Ion Ratio Lower Upper

42 100

72 0.0 30.7 46.1#

71 0.0 28.6 43.0#



#31

Cyclohexane

Concen: 1.578 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

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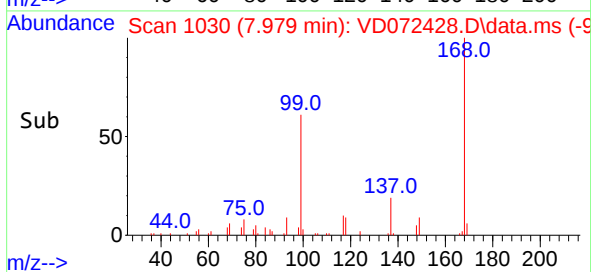
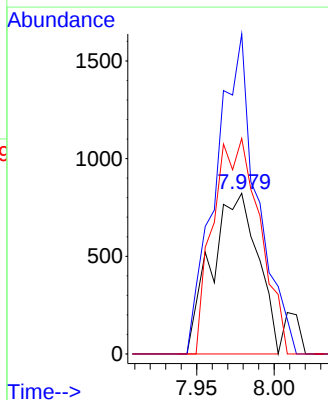
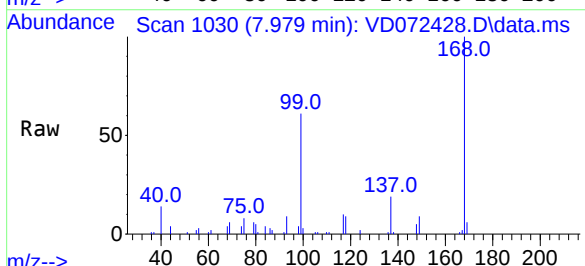
Tgt Ion: 56 Resp: 1714

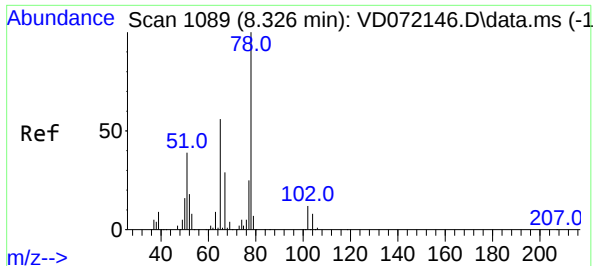
Ion Ratio Lower Upper

56 100

69 199.3 25.4 38.2#

84 134.2 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 62.381 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072428.D

Acq: 25 Mar 2022 14:47

Instrument :

MSVOA_D

ClientSampleId :

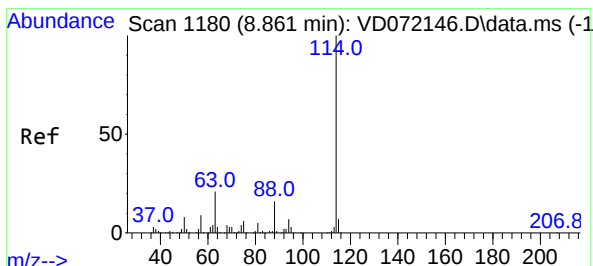
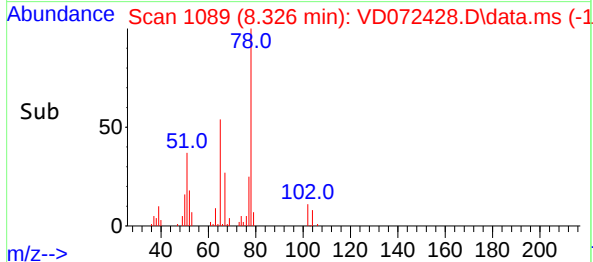
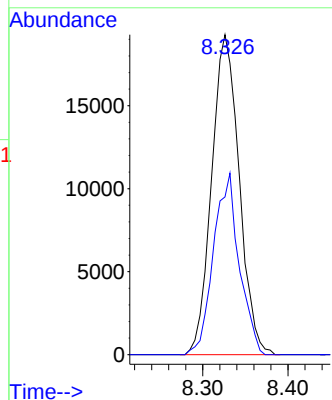
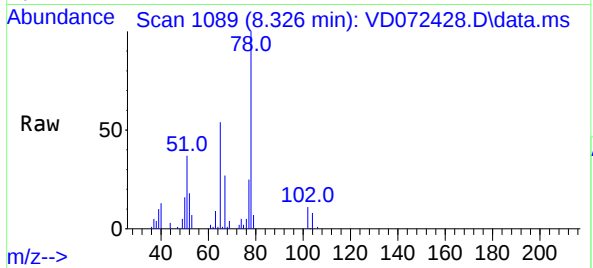
SB-12-20220315-16.0-17.0-A

Tgt Ion: 65 Resp: 43369

Ion Ratio Lower Upper

65 100

67 52.9 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: VD072428.D

Acq: 25 Mar 2022 14:47

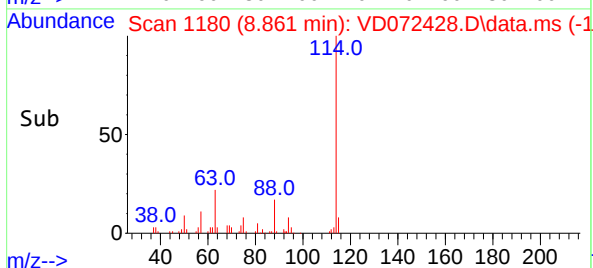
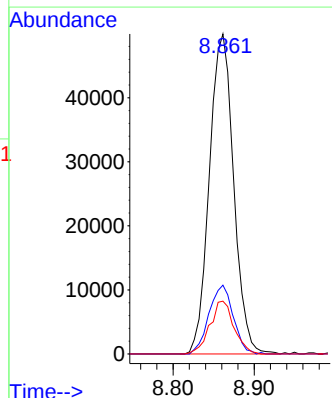
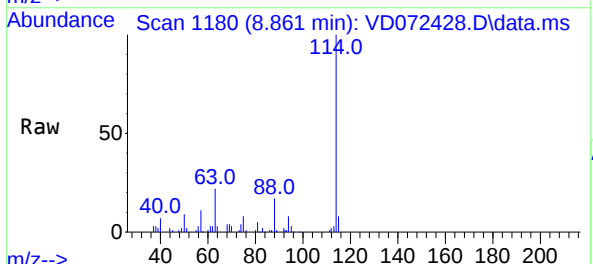
Tgt Ion: 114 Resp: 103846

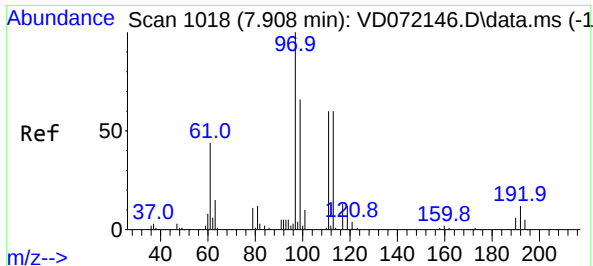
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.5 0.0 33.2

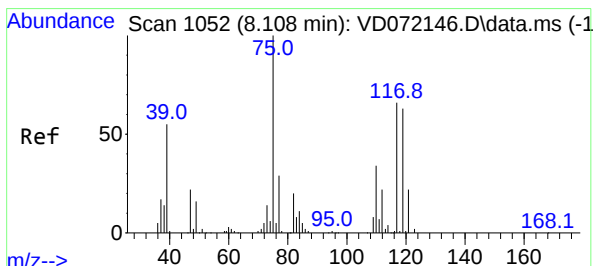
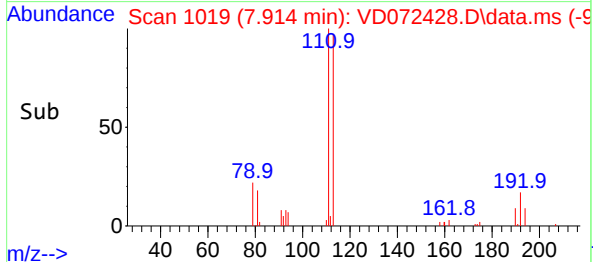
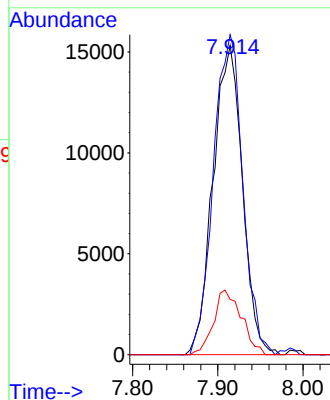
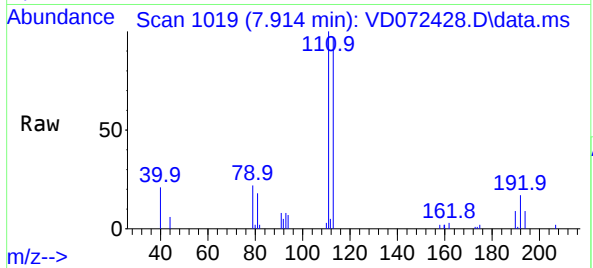




#35
Dibromofluoromethane
Concen: 50.211 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

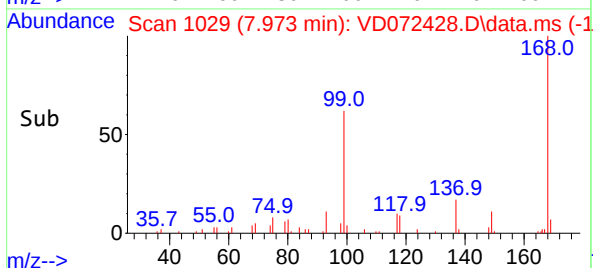
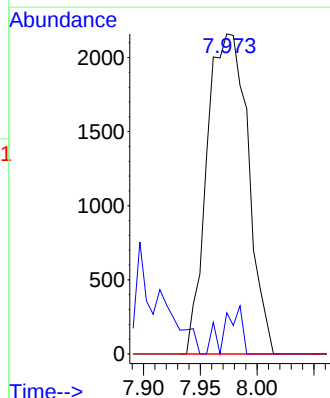
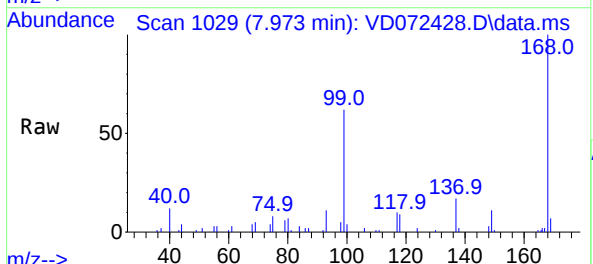
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

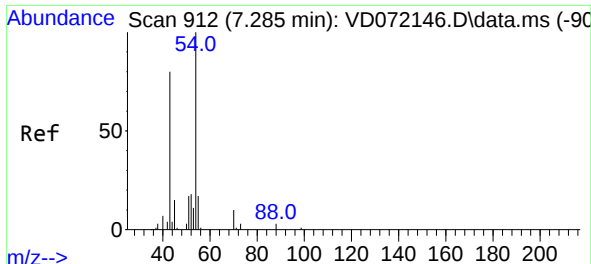
Tgt Ion:	113	Resp:	36693
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.8	125.6
192	19.8	14.6	21.8



#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:	75	Resp:	5419
Ion	Ratio	Lower	Upper
75	100		
110	6.6	16.4	49.1#
77	0.0	24.2	36.2#





#37

Ethyl Acetate

Concen: 16.770 ug/l

RT: 7.220 min Scan# 90

Delta R.T. -0.065 min

Lab File: VD072428.D

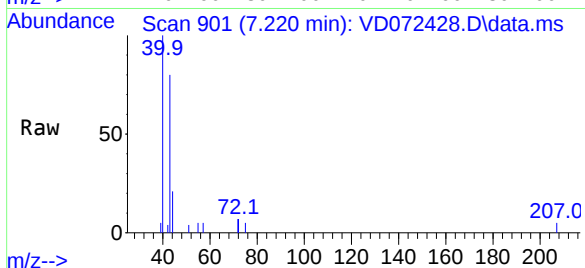
Acq: 25 Mar 2022 14:47

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0-A



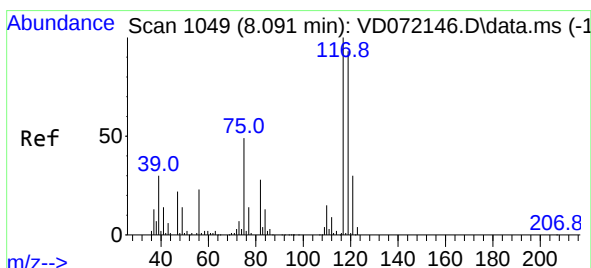
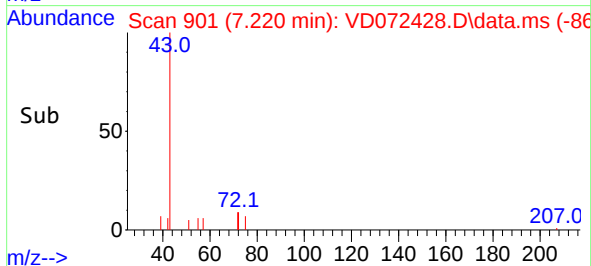
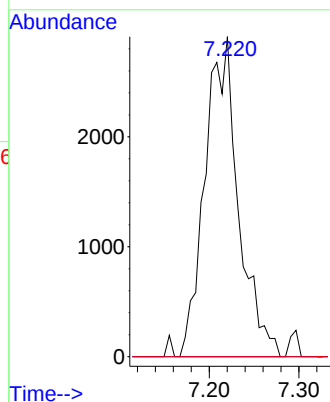
Tgt Ion: 43 Resp: 7531

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.717 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.112 min

Lab File: VD072428.D

Acq: 25 Mar 2022 14:47

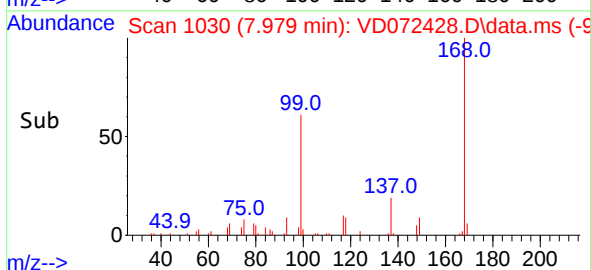
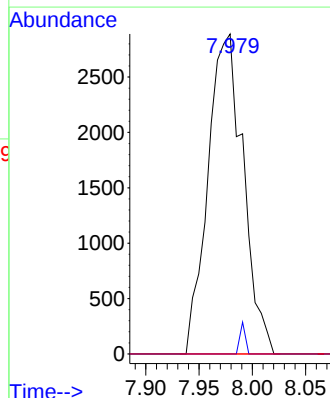
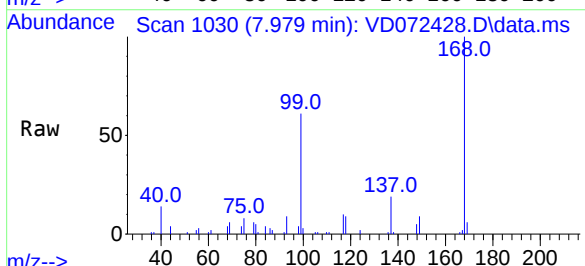
Tgt Ion: 117 Resp: 6662

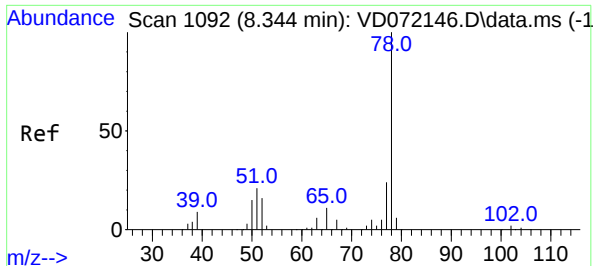
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#

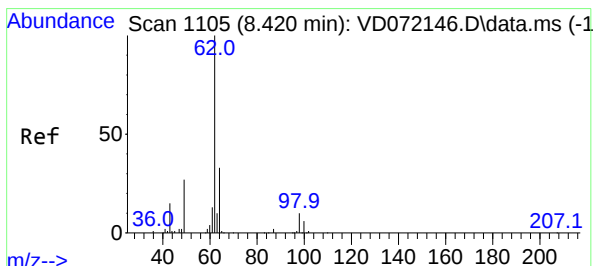
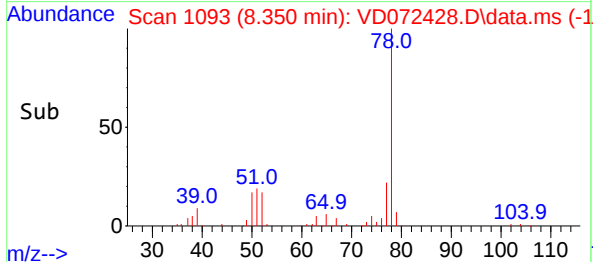
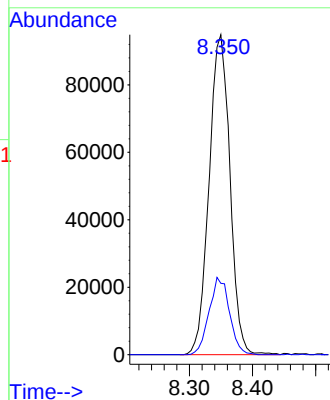
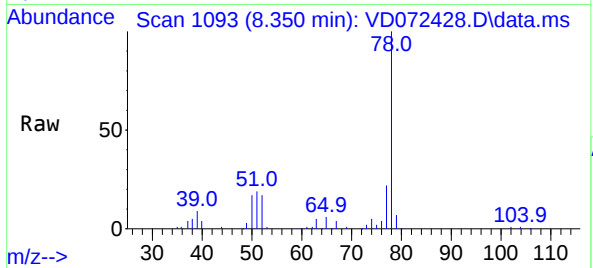




#40
Benzene
Concen: 74.483 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

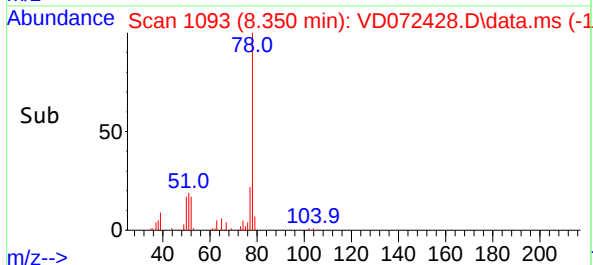
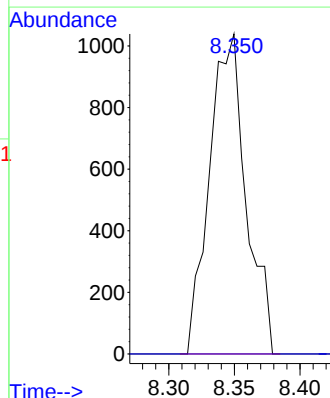
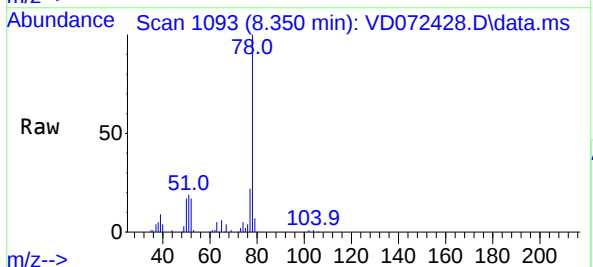
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

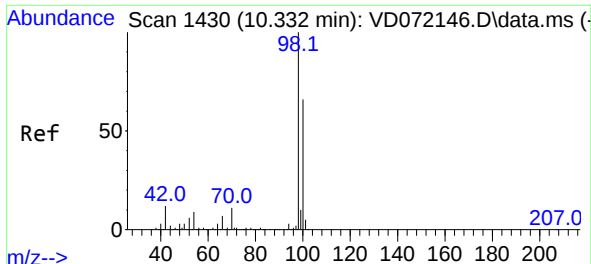
Tgt Ion: 78 Resp: 217842
Ion Ratio Lower Upper
78 100
77 22.3 19.1 28.7



#42
1,2-Dichloroethane
Concen: 2.276 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.071 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 62 Resp: 2019
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.6

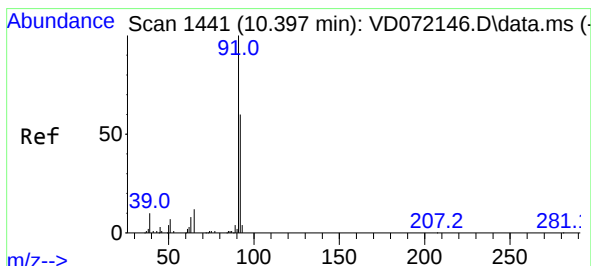
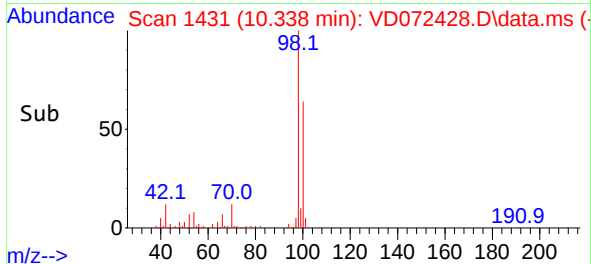
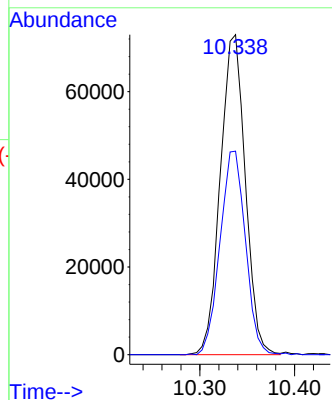
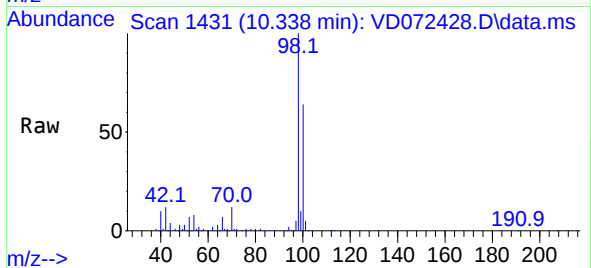




#50
Toluene-d8
Concen: 50.101 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

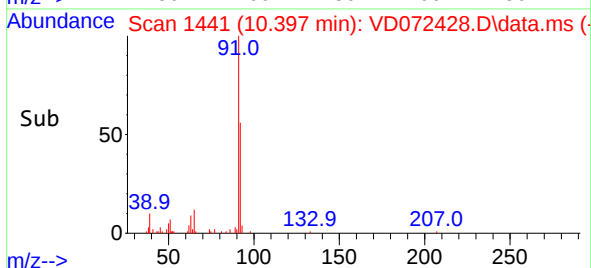
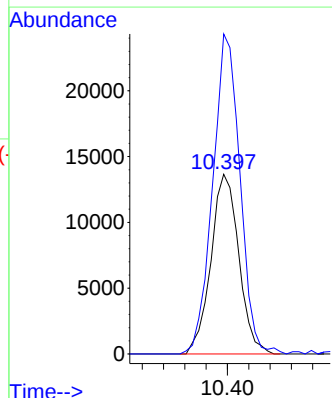
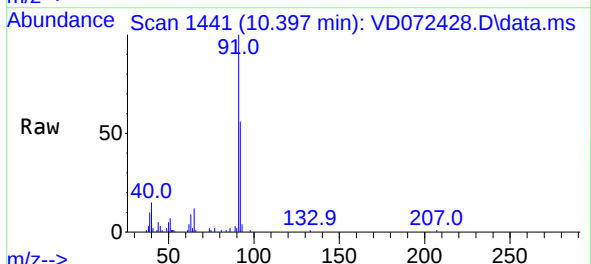
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

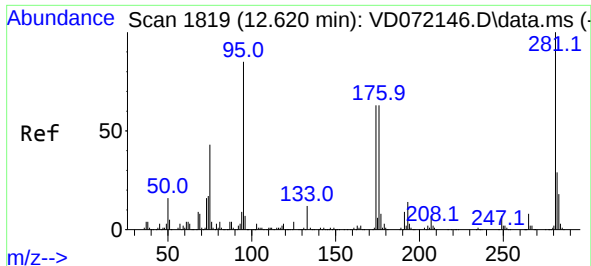
Tgt Ion: 98 Resp: 133875
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#52
Toluene
Concen: 12.897 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 92 Resp: 24820
Ion Ratio Lower Upper
92 100
91 173.9 139.6 209.4

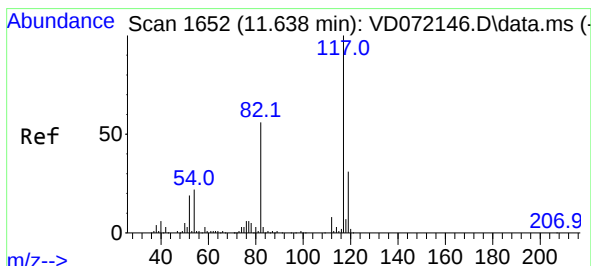
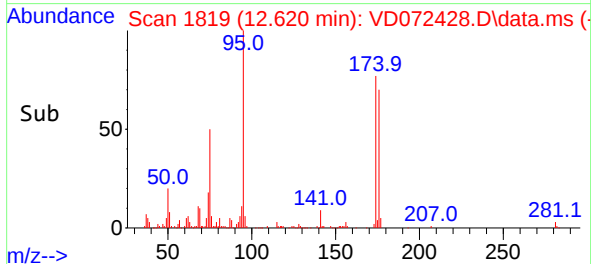
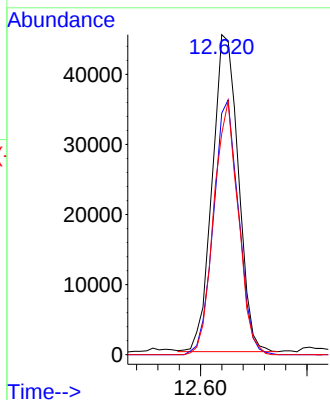
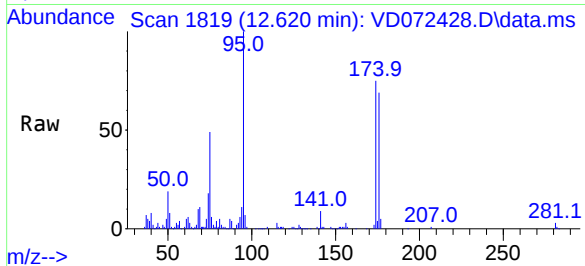




#62
4-Bromofluorobenzene
Concen: 73.954 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

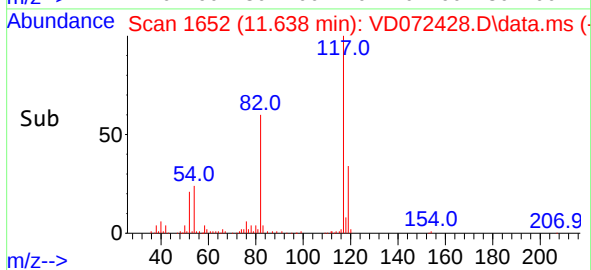
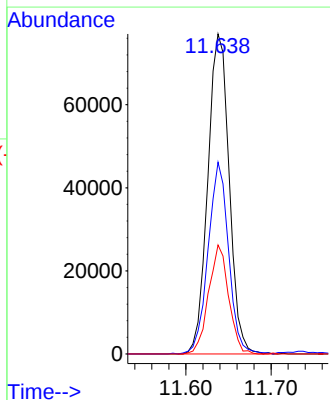
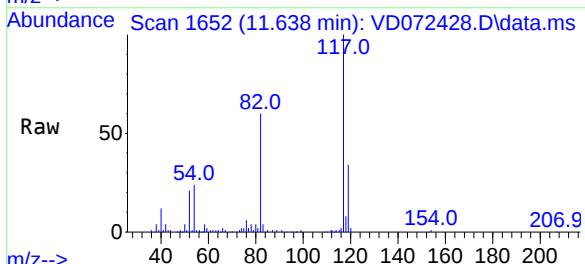
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

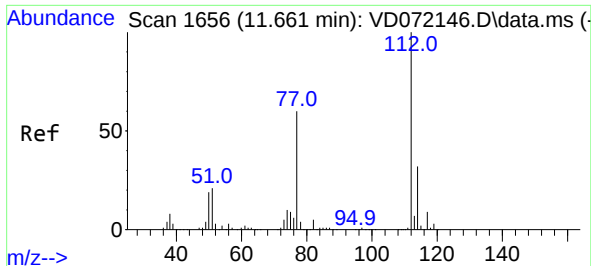
Tgt Ion:	95	Resp:	76783
Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	152.8
176	75.1	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:	117	Resp:	134270
Ion	Ratio	Lower	Upper
117	100		
82	59.9	45.3	67.9
119	34.0	26.6	40.0

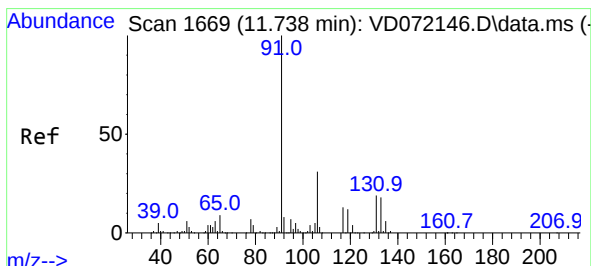
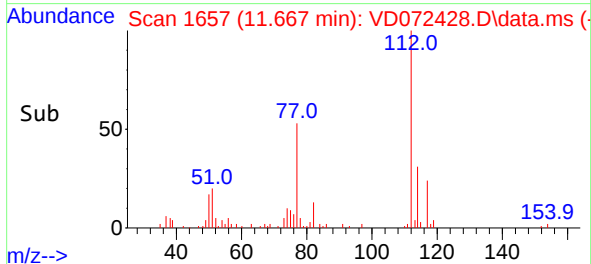
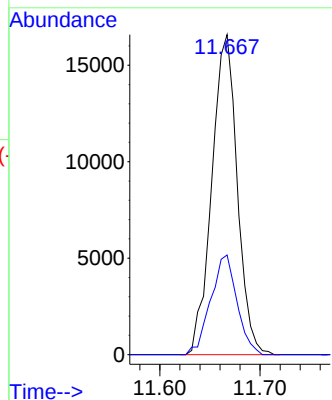
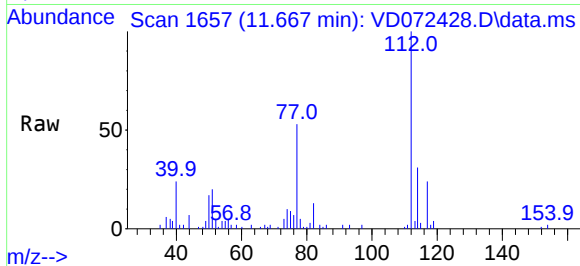




#65
Chlorobenzene
Concen: 9.833 ug/l
RT: 11.667 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

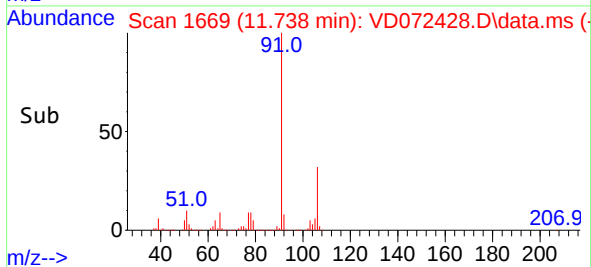
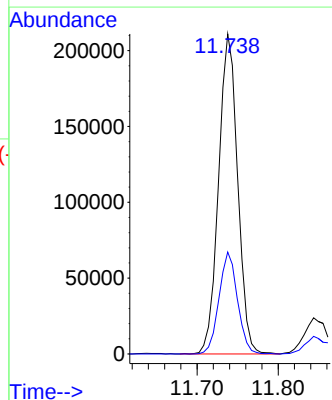
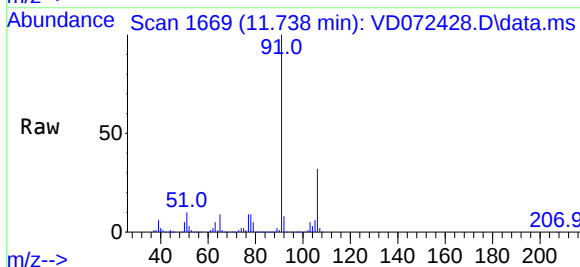
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

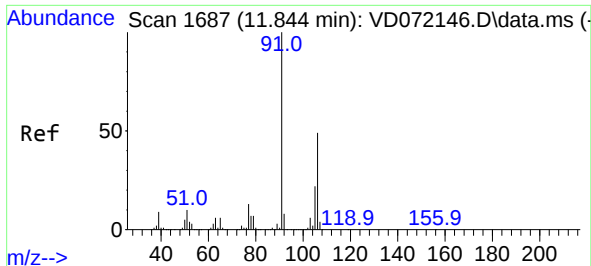
Tgt Ion:112 Resp: 29271
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#67
Ethyl Benzene
Concen: 64.904 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 91 Resp: 345065
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4

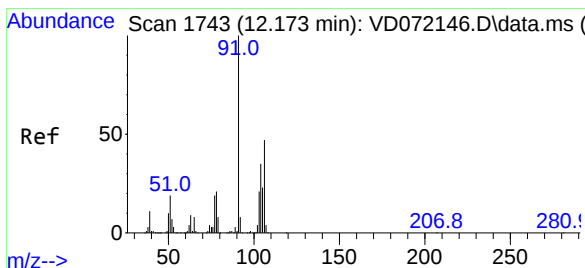
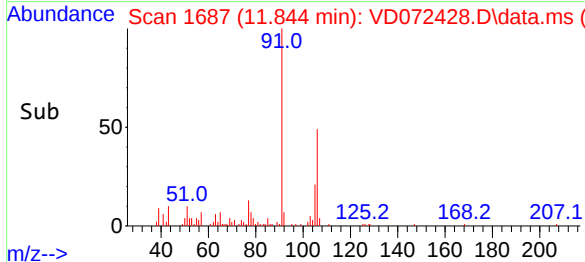
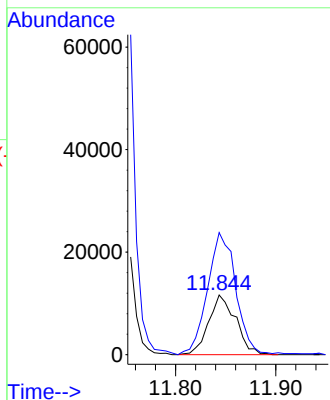
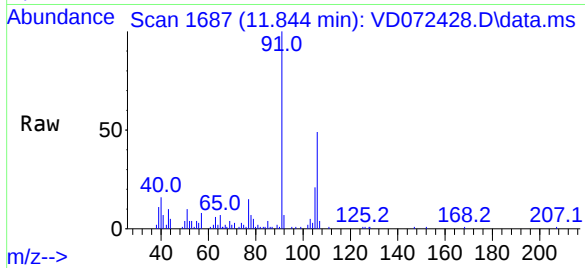




#68
m/p-Xylenes
Concen: 10.796 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

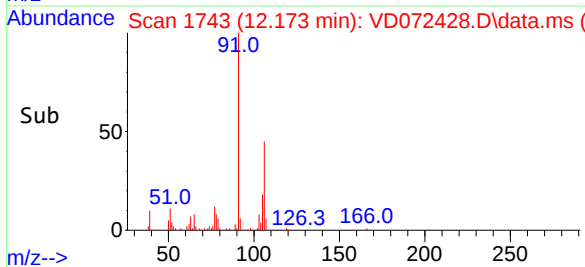
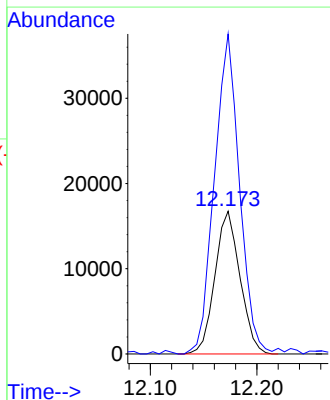
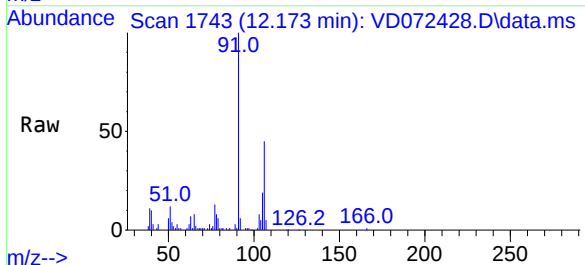
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

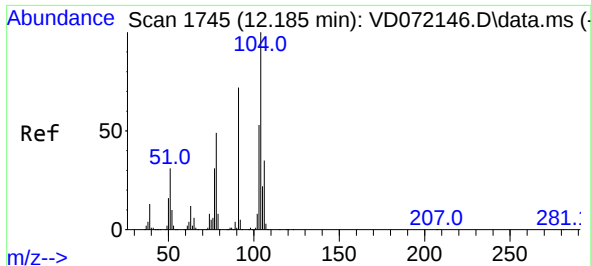
Tgt Ion:106 Resp: 21795
Ion Ratio Lower Upper
106 100
91 215.5 163.7 245.5



#69
o-Xylene
Concen: 14.166 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:106 Resp: 27355
Ion Ratio Lower Upper
106 100
91 223.5 110.4 331.2

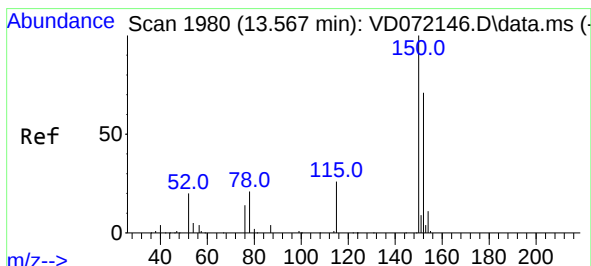
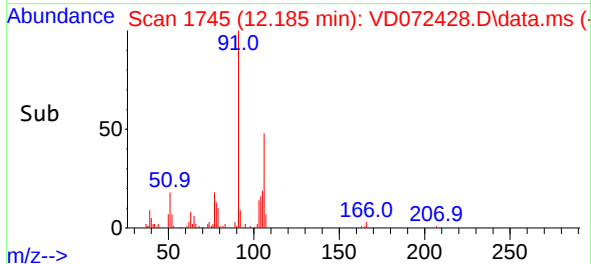
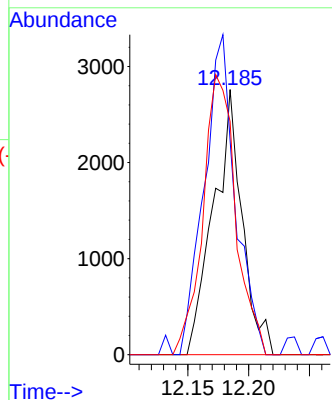
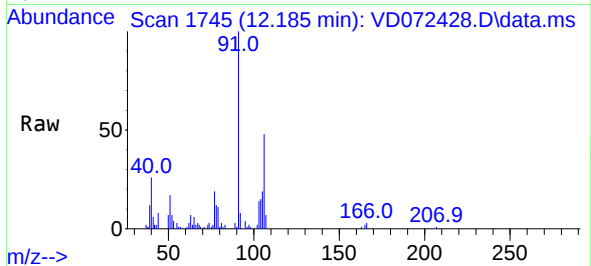




#70
Styrene
Concen: 1.343 ug/l
RT: 12.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

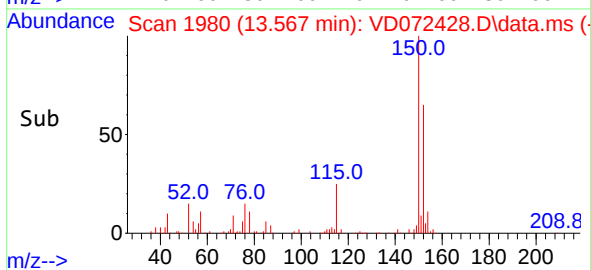
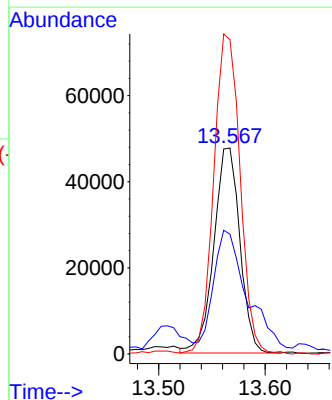
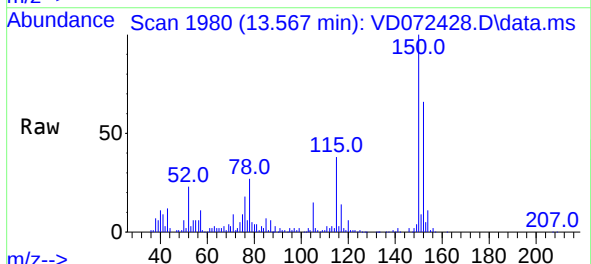
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

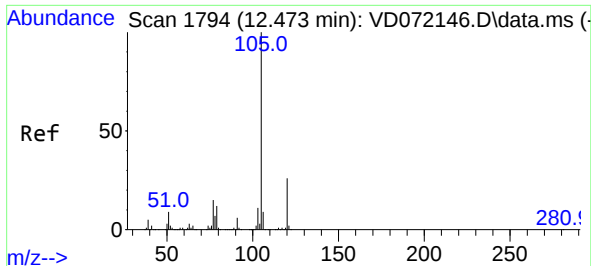
Tgt Ion:104 Resp: 4530
Ion Ratio Lower Upper
104 100
78 131.4 41.8 62.8#
103 120.5 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:152 Resp: 80755
Ion Ratio Lower Upper
152 100
115 72.2 31.3 93.8
150 158.2 0.0 348.6

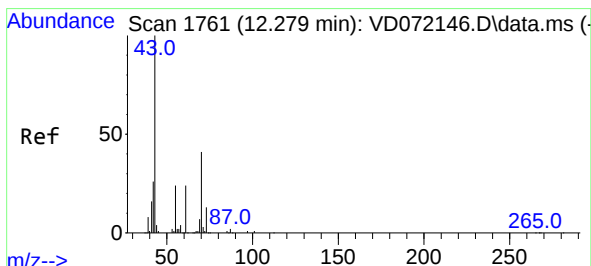
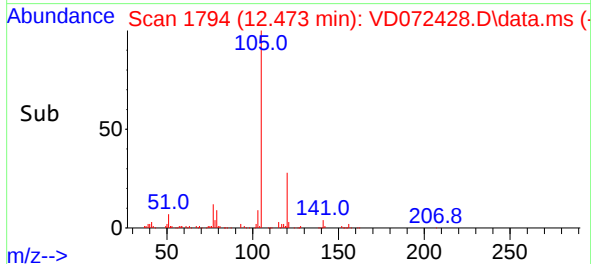
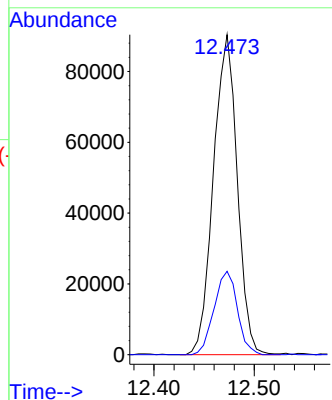
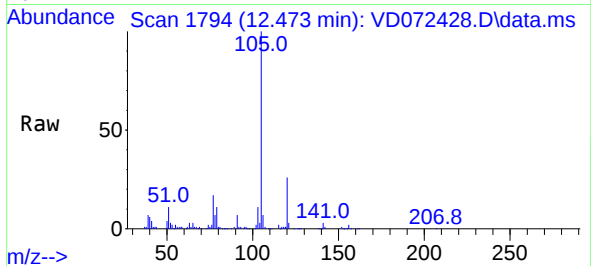




#73
Isopropylbenzene
Concen: 23.308 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

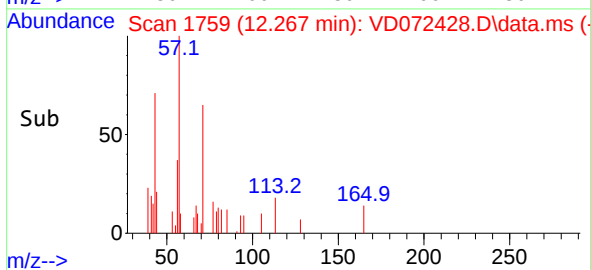
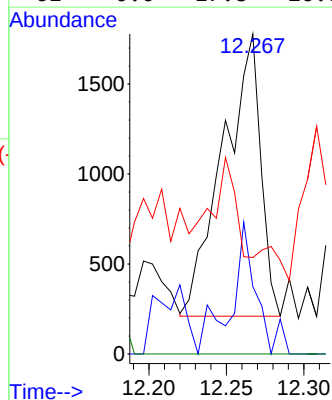
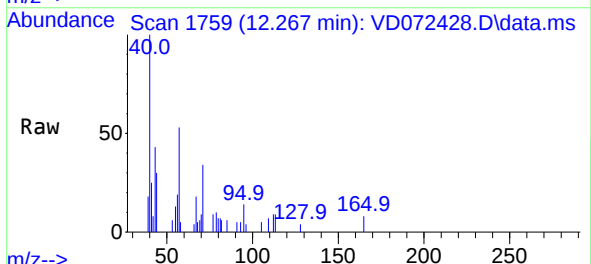
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

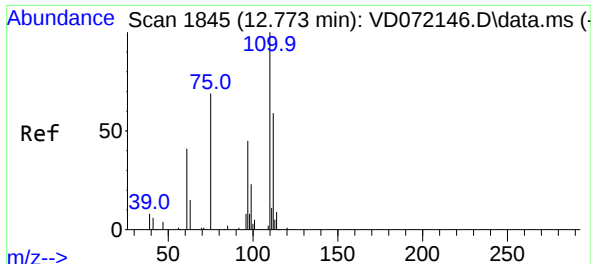
Tgt Ion:105 Resp: 149159
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9



#74
N-ethyl acetate
Concen: 1.933 ug/l
RT: 12.267 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 43 Resp: 2658
Ion Ratio Lower Upper
43 100
70 32.0 31.3 46.9
55 18.8 20.0 30.0#
61 0.0 17.8 26.8#

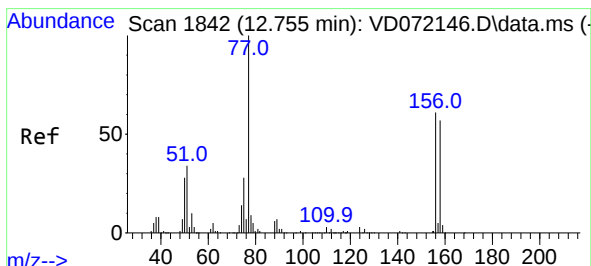
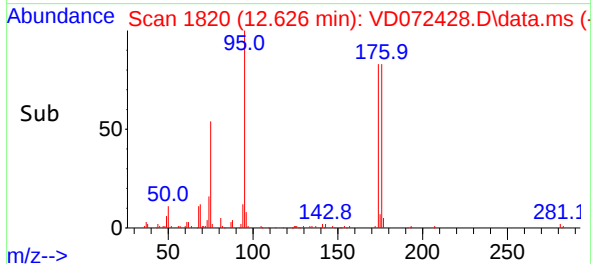
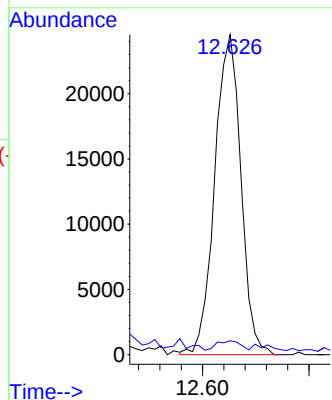
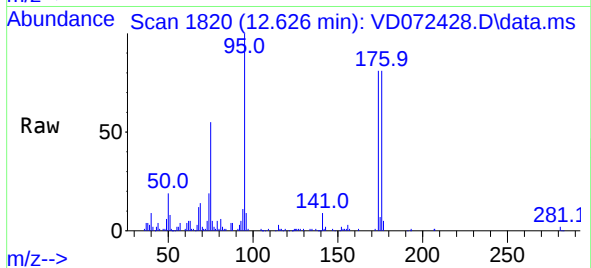




#76
1,2,3-Trichloropropane
Concen: 46.833 ug/l
RT: 12.626 min Scan# 1874
Delta R.T. -0.147 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

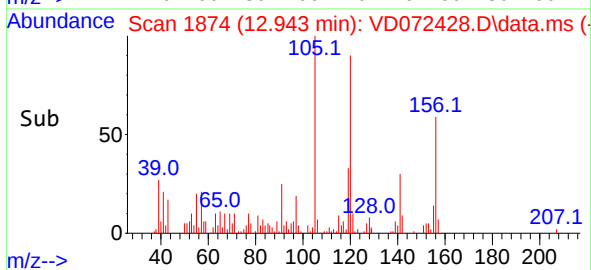
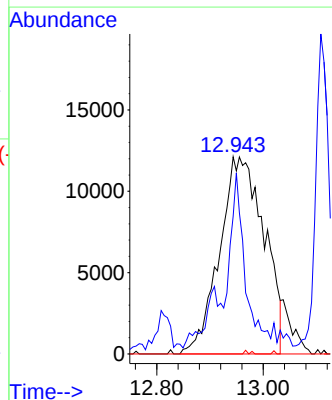
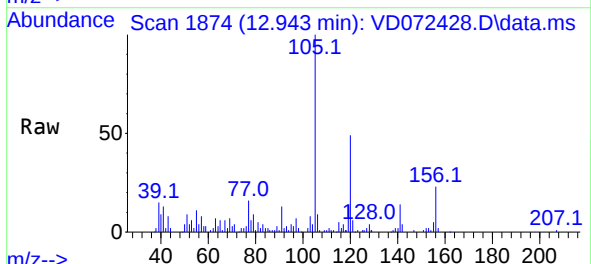
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

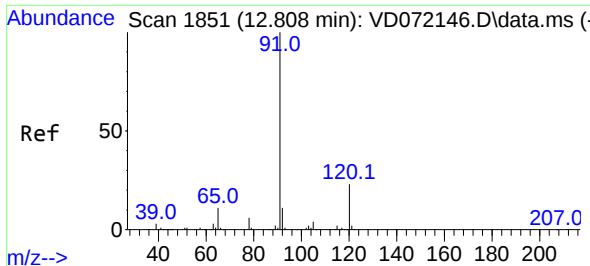
Tgt Ion: 75 Resp: 41719
Ion Ratio Lower Upper
75 100
77 2.6 0.0 0.0#



#77
Bromobenzene
Concen: 48.968 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.188 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:156 Resp: 70532
Ion Ratio Lower Upper
156 100
77 26.0 102.8 308.3#
158 0.0 48.7 146.1#

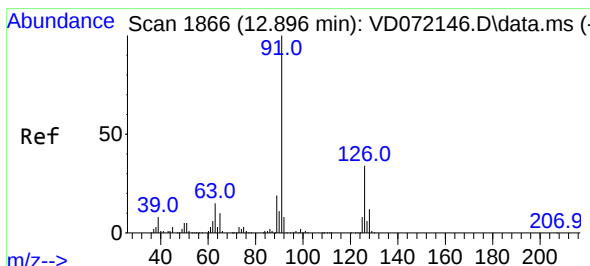
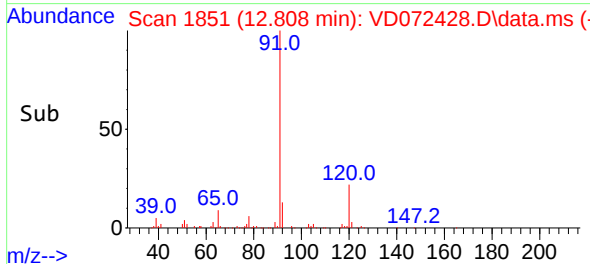
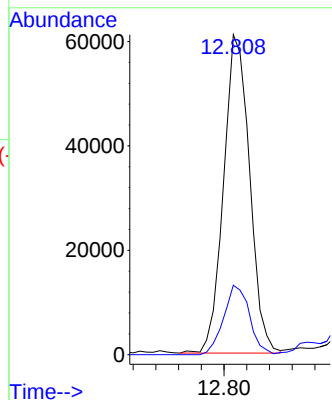
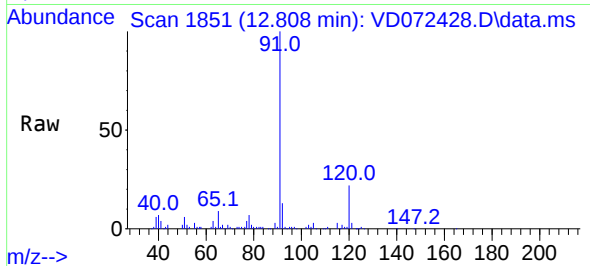




#78
n-propylbenzene
Concen: 12.465 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

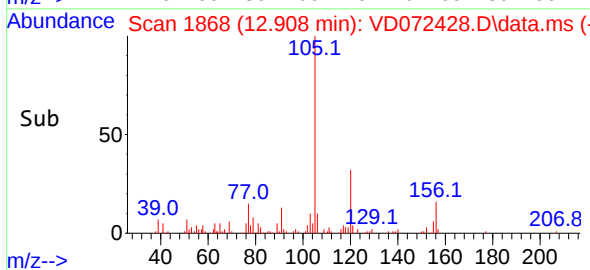
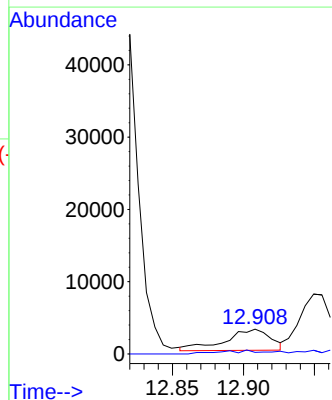
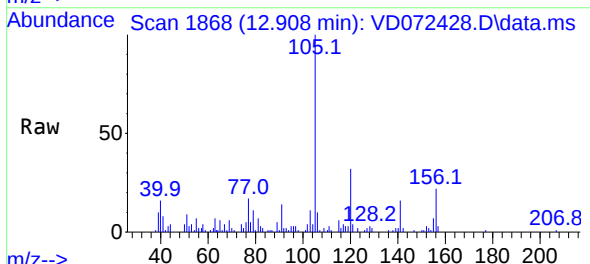
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0-A

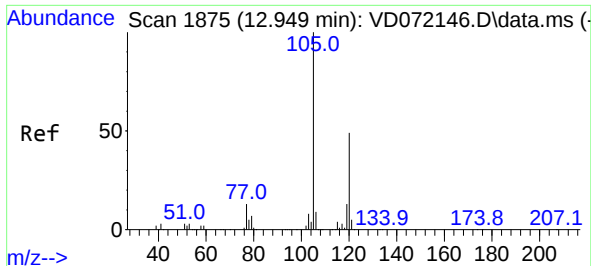
Tgt Ion: 91 Resp: 96895
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9



#79
2-Chlorotoluene
Concen: 1.459 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.012 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 91 Resp: 6556
Ion Ratio Lower Upper
91 100
126 8.0 16.2 48.6#

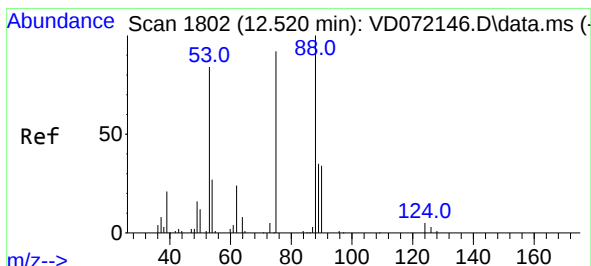
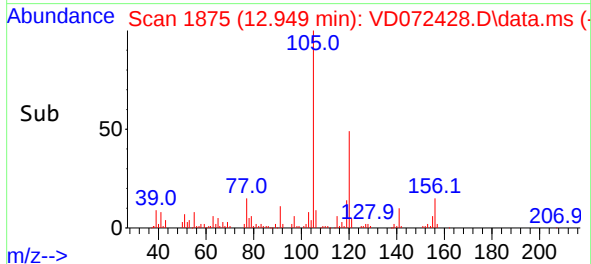
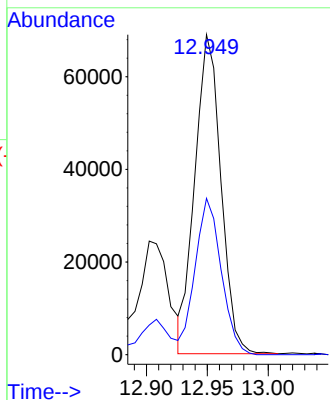
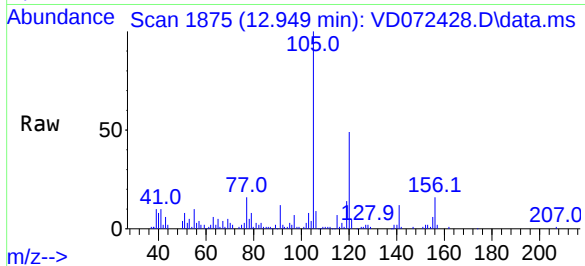




#80
1,3,5-Trimethylbenzene
Concen: 18.643 ug/l
RT: 12.949 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

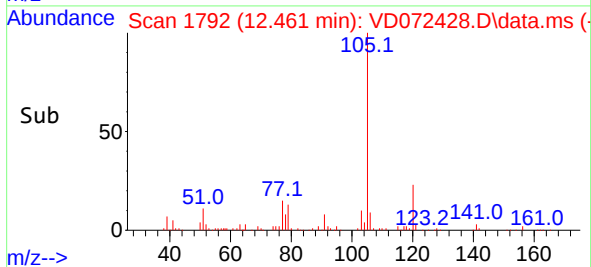
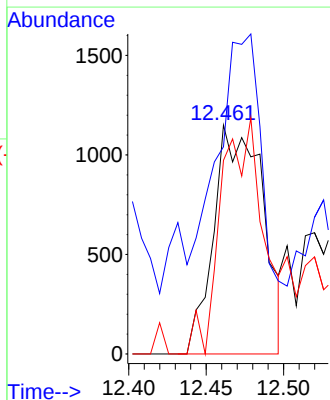
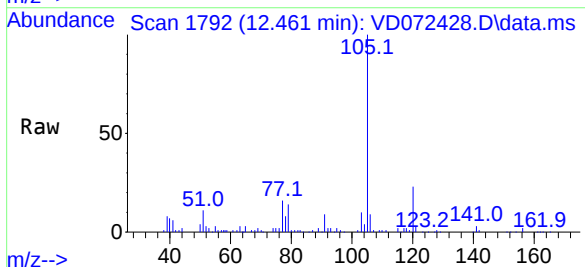
Instrument : MSVOA_D
ClientSampleId : SB-12-20220315-16.0-17.0-A

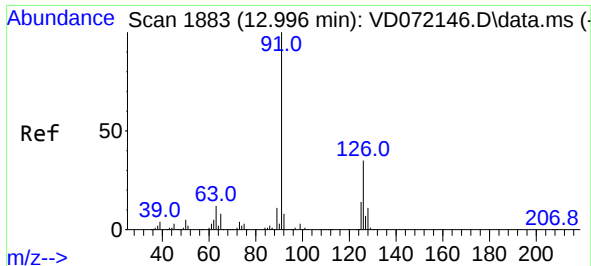
Tgt Ion:105 Resp: 102492
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 7.052 ug/l
RT: 12.461 min Scan# 1792
Delta R.T. -0.059 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 75 Resp: 2532
Ion Ratio Lower Upper
75 100
53 109.1 86.5 129.7
89 98.8 33.9 50.9#

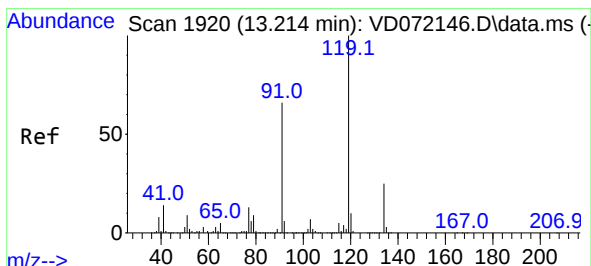
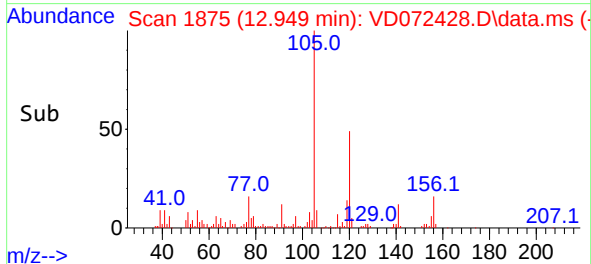
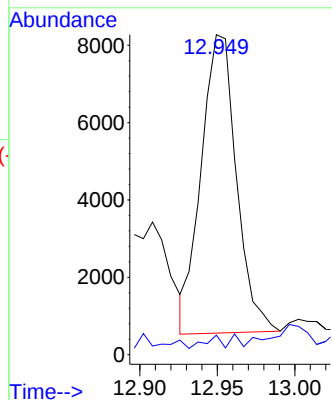
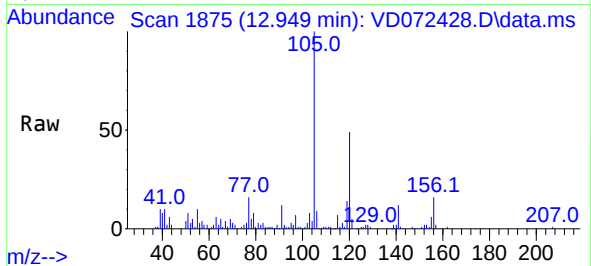




#82
4-Chlorotoluene
Concen: 2.624 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.047 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

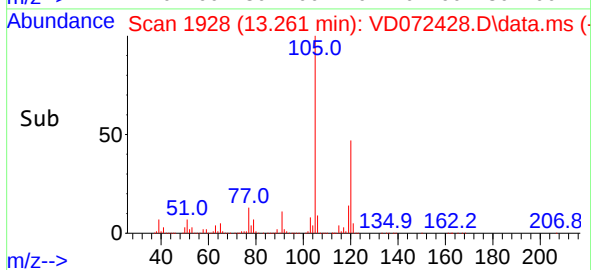
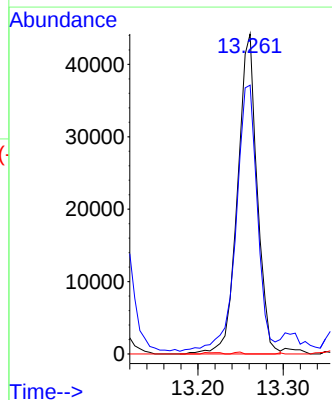
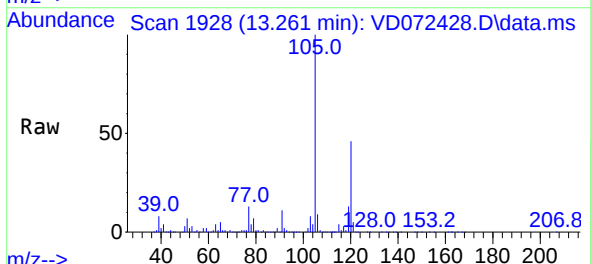
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

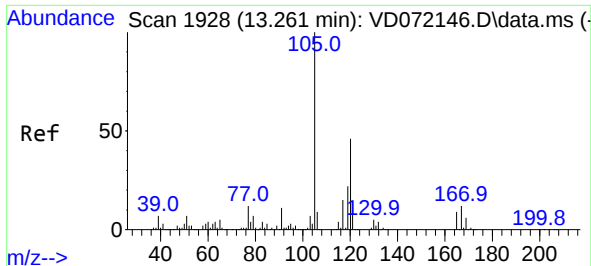
Tgt Ion: 91 Resp: 12210
Ion Ratio Lower Upper
91 100
126 1.9 16.5 49.5#



#83
tert-Butylbenzene
Concen: 14.640 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.047 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 119 Resp: 70563
Ion Ratio Lower Upper
119 100
91 90.2 34.8 104.5
134 0.0 13.3 39.9#

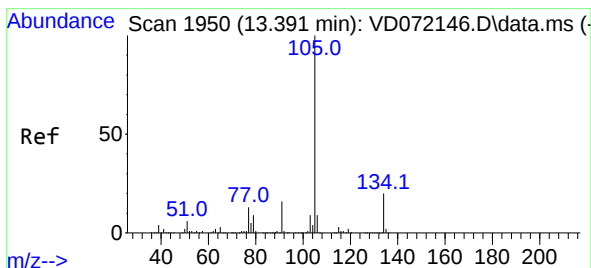
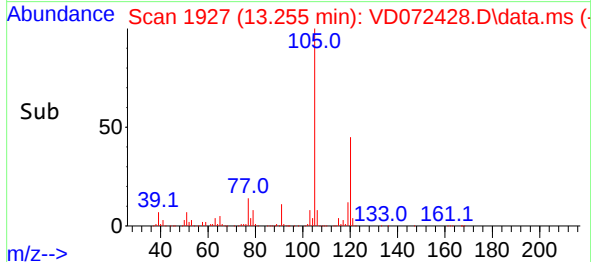
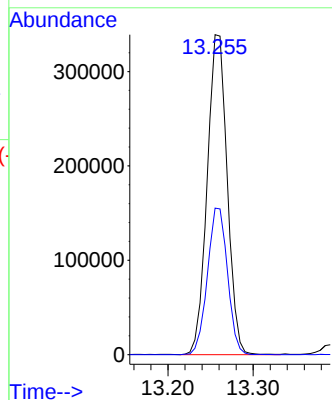
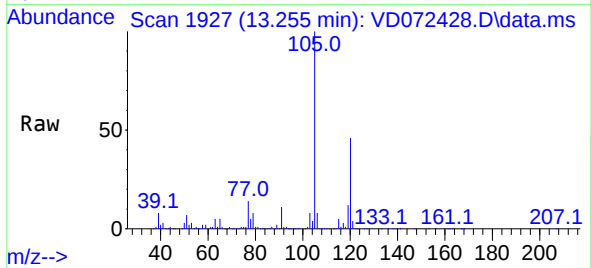




#84
1,2,4-Trimethylbenzene
Concen: 102.340 ug/l
RT: 13.255 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

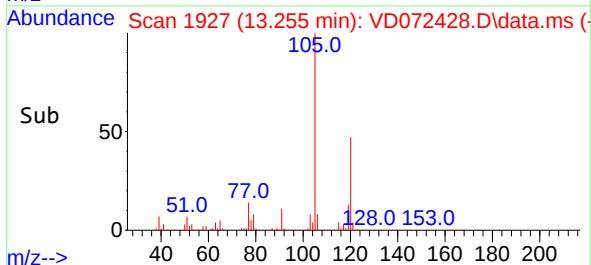
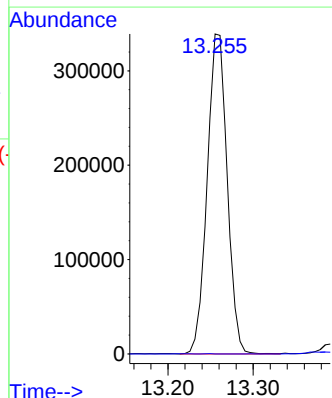
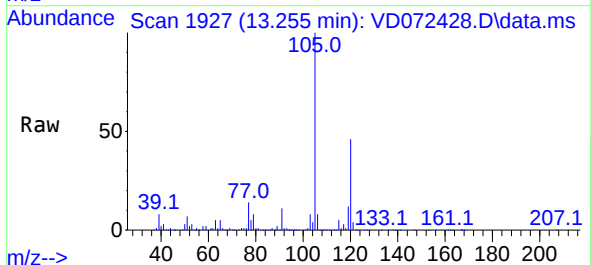
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

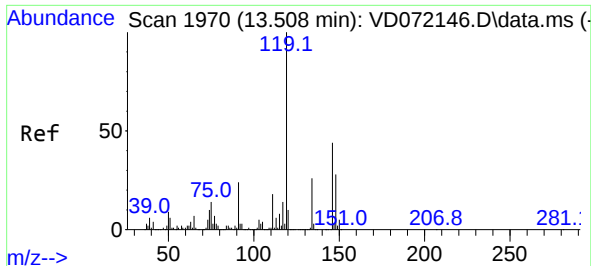
Tgt Ion:105 Resp: 554382
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 76.590 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.135 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:105 Resp: 554382
Ion Ratio Lower Upper
105 100
134 0.0 9.8 29.3#

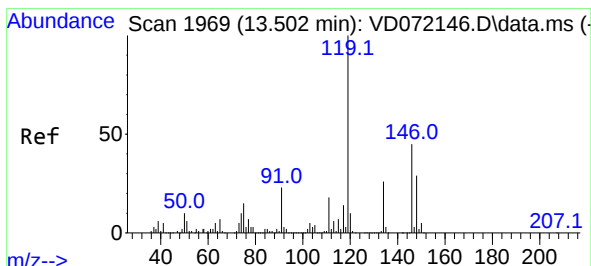
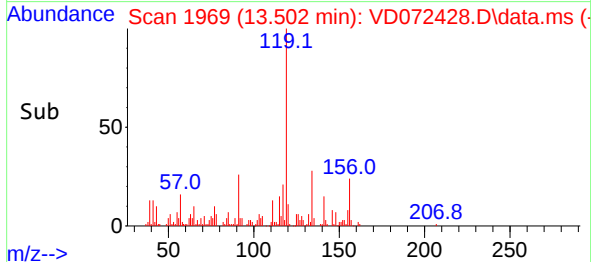
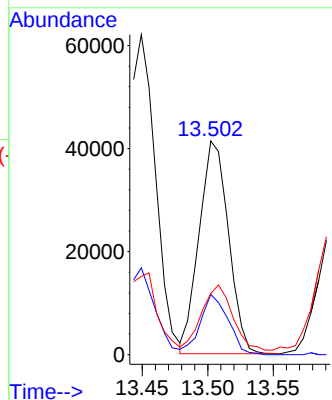
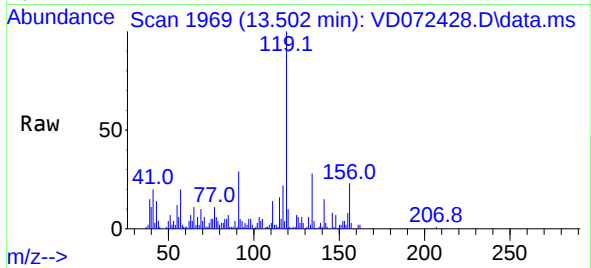




#86
p-Isopropyltoluene
Concen: 10.829 ug/l
RT: 13.502 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

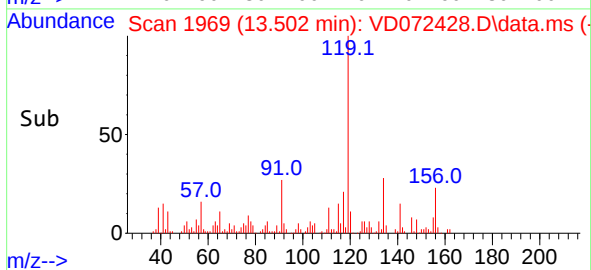
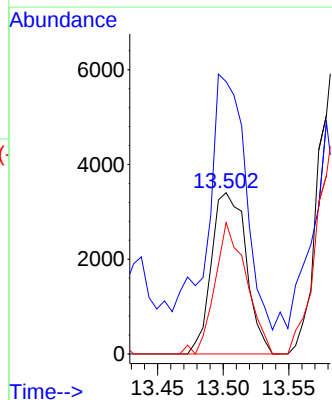
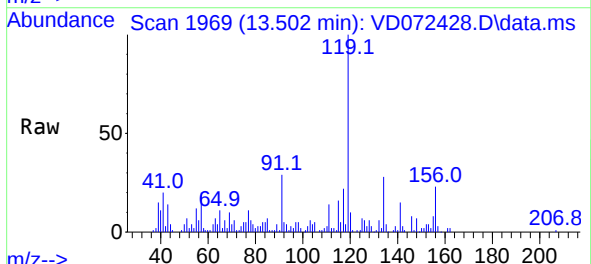
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

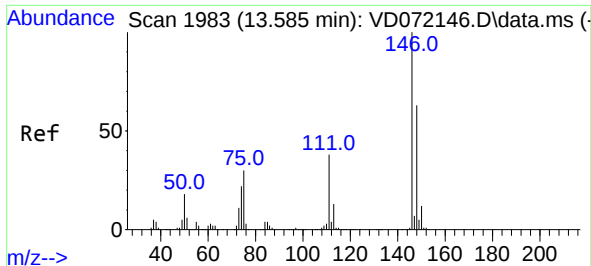
Tgt Ion:119 Resp: 64501
Ion Ratio Lower Upper
119 100
134 26.7 12.9 38.6
91 31.7 12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 2.074 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:146 Resp: 6261
Ion Ratio Lower Upper
146 100
111 168.3 20.4 61.3#
148 73.9 31.9 95.7

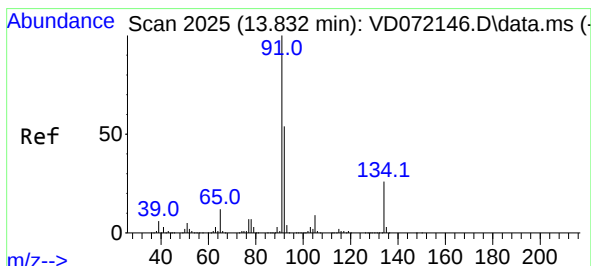
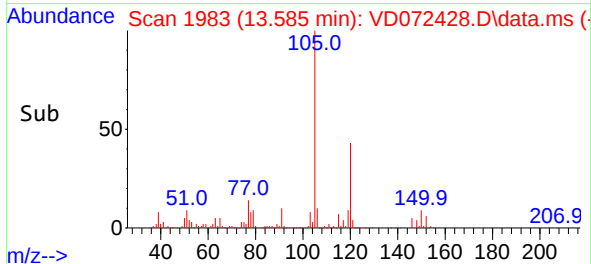
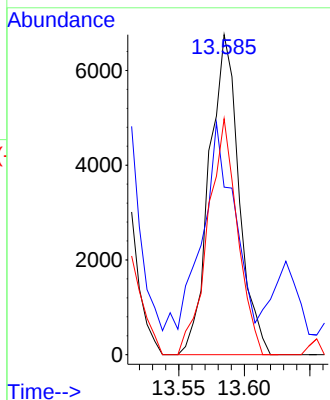
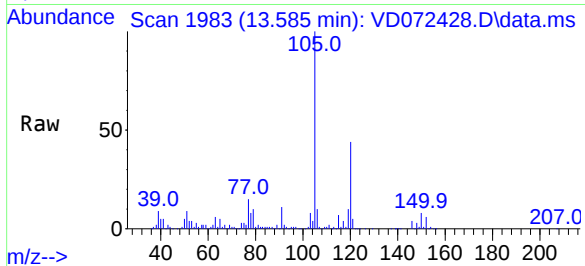




#88
1,4-Dichlorobenzene
Concen: 3.547 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

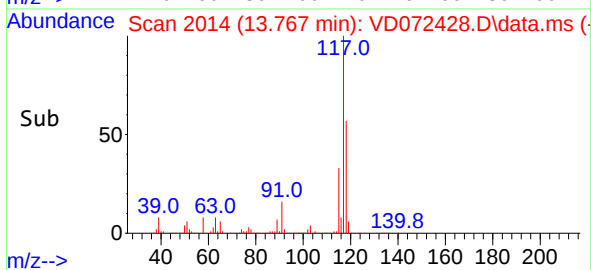
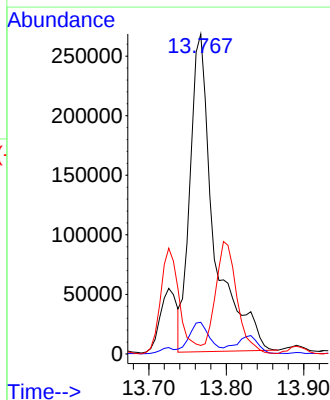
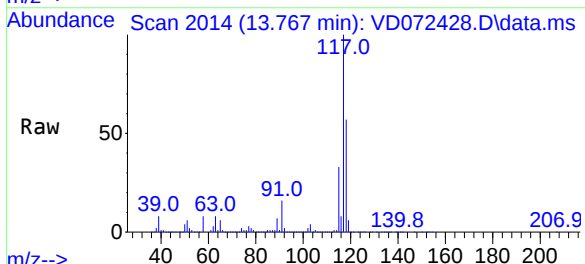
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

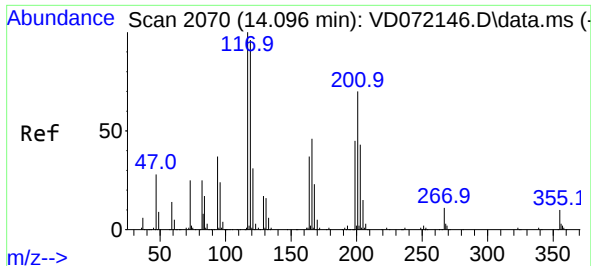
Tgt Ion:146 Resp: 10617
Ion Ratio Lower Upper
146 100
111 68.5 20.3 60.9#
148 73.6 31.7 95.1



#89
n-Butylbenzene
Concen: 101.577 ug/l
RT: 13.767 min Scan# 2014
Delta R.T. -0.065 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 91 Resp: 576680
Ion Ratio Lower Upper
91 100
92 6.7 26.6 79.8#
134 0.0 12.3 36.9#

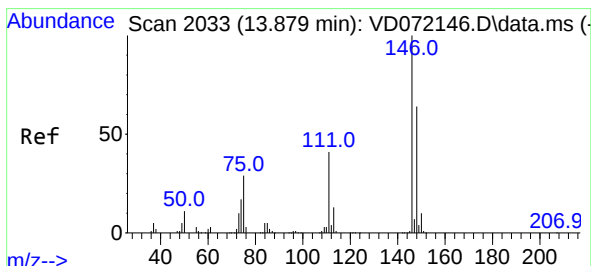
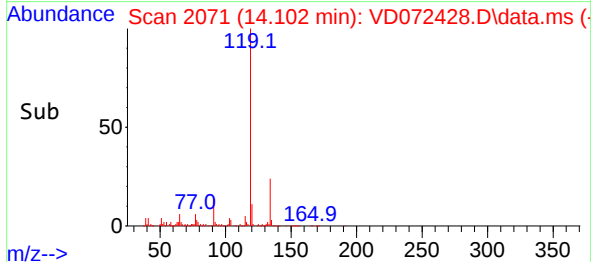
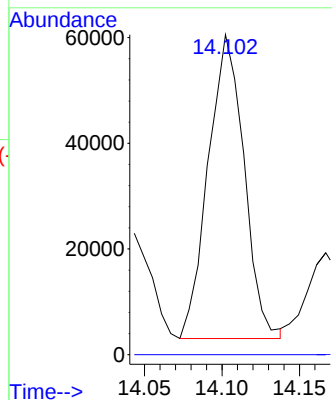
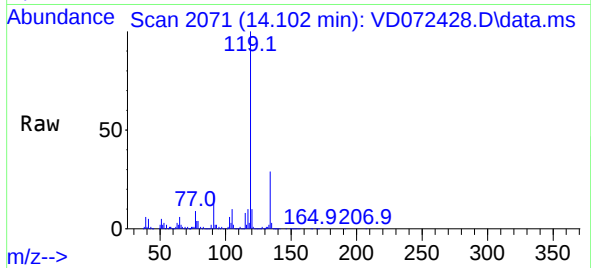




#90
Hexachloroethane
Concen: 79.132 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

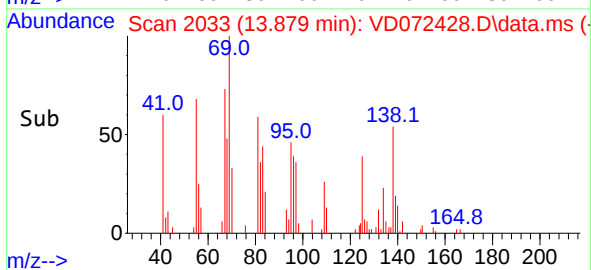
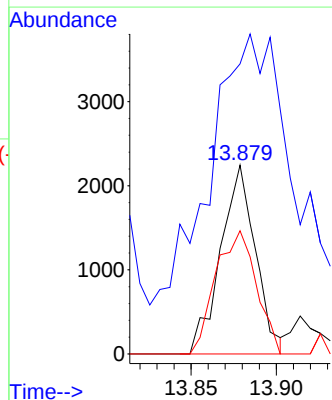
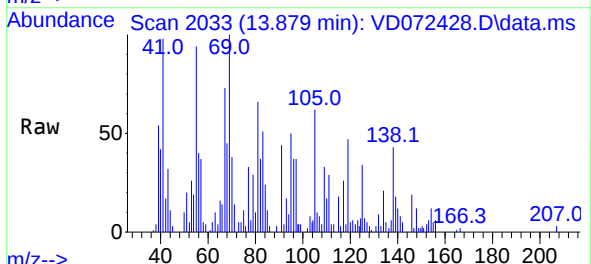
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

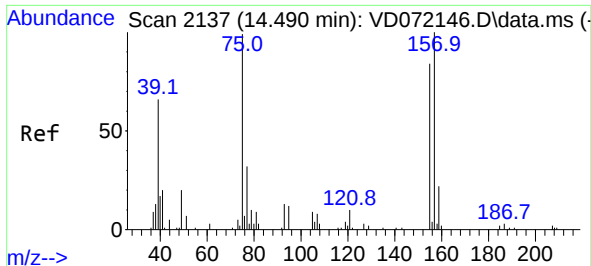
Tgt Ion:117 Resp: 92377
Ion Ratio Lower Upper
117 100
201 0.0 33.4 100.2#



#91
1,2-Dichlorobenzene
Concen: 1.215 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion:146 Resp: 3199
Ion Ratio Lower Upper
146 100
111 329.6 21.1 63.3#
148 76.0 31.7 95.1

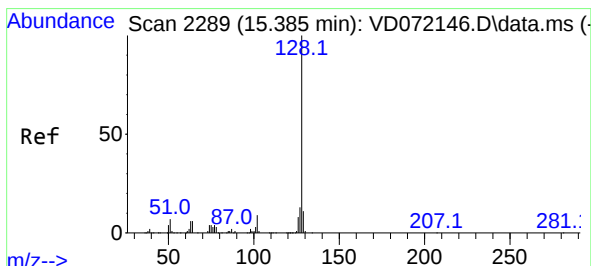
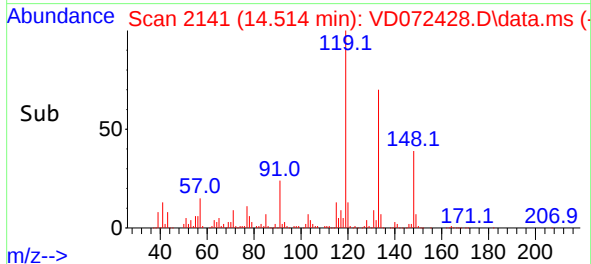
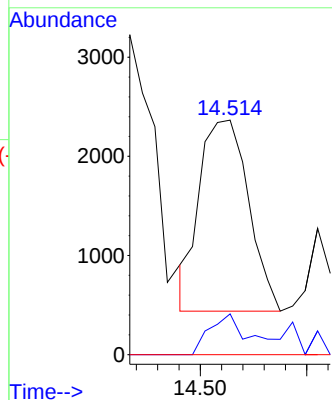
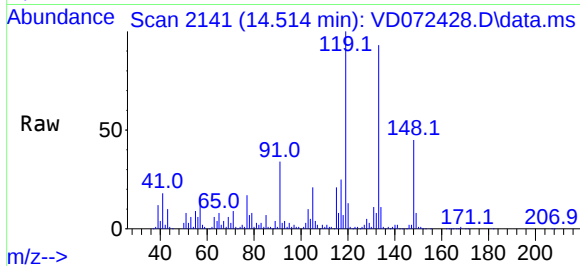




#92
1,2-Dibromo-3-Chloropropane
Concen: 16.873 ug/l
RT: 14.514 min Scan# 2137
Delta R.T. 0.024 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

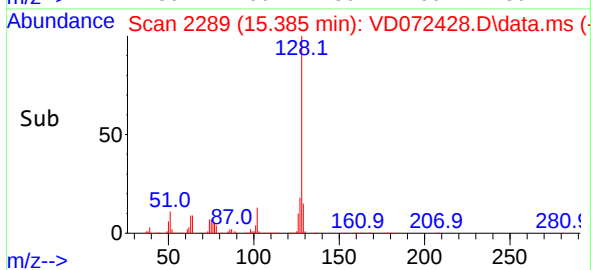
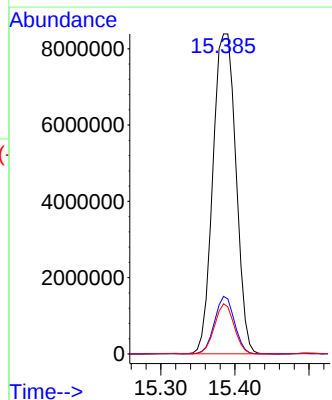
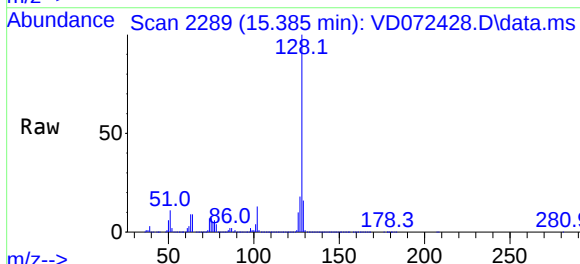
Instrument :
MSVOA_D
ClientSampleId :
SB-12-20220315-16.0-17.0-A

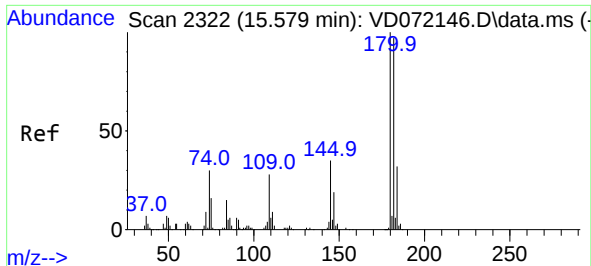
Tgt Ion: 75 Resp: 3082
Ion Ratio Lower Upper
75 100
155 16.7 36.8 110.3#
157 0.0 48.4 145.0#



#95
Naphthalene
Concen: 6015.064 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072428.D
Acq: 25 Mar 2022 14:47

Tgt Ion: 128 Resp: 18067125
Ion Ratio Lower Upper
128 100
127 15.6 10.3 15.5#
129 13.4 8.4 12.6#





#96

1,2,3-Trichlorobenzene

Concen: 1.115 ug/l

RT: 15.596 min Scan# 21

Delta R.T. 0.018 min

Lab File: VD072428.D

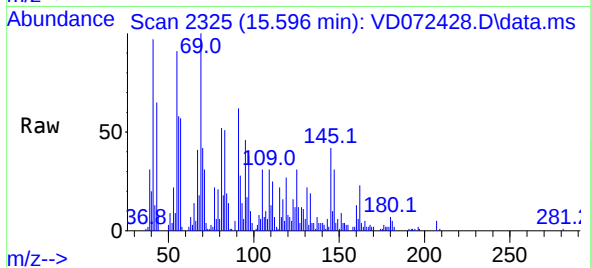
Acq: 25 Mar 2022 14:47

Instrument :

MSVOA_D

ClientSampleId :

SB-12-20220315-16.0-17.0-A



Tgt Ion:180 Resp: 1682

Ion Ratio Lower Upper

180 100

182 52.3 47.6 142.9

145 0.0 17.1 51.3#

