

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071550.D
 Acq On : 30 Dec 2021 15:42
 Operator : VA/SY
 Sample : M5182-07MSDRE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

Quant Time: Dec 31 06:54:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	54539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	100188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	109276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	58927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	58852	81.251	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.500%
35) Dibromofluoromethane	7.908	113	39209	58.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.460%
50) Toluene-d8	10.332	98	121247	47.649	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.300%
62) 4-Bromofluorobenzene	12.620	95	53690	59.378	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	21452	37.538	ug/l	86
3) Chloromethane	2.209	50	34056	46.540	ug/l	91
4) Vinyl Chloride	2.350	62	34242	39.048	ug/l	98
5) Bromomethane	2.762	94	31612	51.530	ug/l	96
6) Chloroethane	2.920	64	25058	43.057	ug/l	98
7) Trichlorofluoromethane	3.273	101	46541	43.353	ug/l	100
8) Diethyl Ether	3.709	74	27737	90.250	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	26054	41.716	ug/l	95
10) Methyl Iodide	4.303	142	20909	34.425	ug/l	93
11) Tert butyl alcohol	5.226	59	53862	Below Cal		98
12) 1,1-Dichloroethene	4.067	96	25639	45.123	ug/l	91
13) Acrolein	3.920	56	16637	475.482	ug/l	90
14) Allyl chloride	4.714	41	53622	49.893	ug/l #	81
15) Acrylonitrile	5.420	53	172678	1140.910	ug/l	96
16) Acetone	4.156	43	261317	1436.321	ug/l #	88
17) Carbon Disulfide	4.414	76	68388	36.939	ug/l	100
18) Methyl Acetate	4.714	43	125238	223.023	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	152941	104.269	ug/l	97
20) Methylene Chloride	4.967	84	49873	75.838	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	32402	49.234	ug/l #	95
22) Diisopropyl ether	6.361	45	157934	72.186	ug/l	91
23) Vinyl Acetate	6.303	43	644190	571.153	ug/l	97
24) 1,1-Dichloroethane	6.261	63	67588	53.886	ug/l	98
25) 2-Butanone	7.208	43	268708	1236.500	ug/l #	84
26) 2,2-Dichloropropane	7.203	77	51550	50.020	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	41920	57.587	ug/l	93
28) Bromochloromethane	7.550	49	37609	73.171	ug/l	91
29) Tetrahydrofuran	7.561	42	160773	1232.191	ug/l	92
30) Chloroform	7.708	83	75982	60.037	ug/l	95
31) Cyclohexane	7.985	56	42025	34.154	ug/l	98
32) 1,1,1-Trichloroethane	7.897	97	54196	48.285	ug/l	94
36) 1,1-Dichloropropene	8.108	75	41201	38.300	ug/l	95
37) Ethyl Acetate	7.291	43	92167	185.580	ug/l #	92
38) Carbon Tetrachloride	8.097	117	46757	44.055	ug/l	95
39) Methylcyclohexane	9.355	83	39513	31.377	ug/l	93
40) Benzene	8.350	78	140203	48.481	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	42713	144.793	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	77378	82.053	ug/l	93
43) Isopropyl Acetate	8.450	43	148469	150.639	ug/l #	82
44) Trichloroethene	9.108	130	35994	47.762	ug/l	96
45) 1,2-Dichloropropane	9.385	63	45378	60.470	ug/l	93
46) Dibromomethane	9.473	93	37027	89.311	ug/l	96
47) Bromodichloromethane	9.655	83	72317	68.704	ug/l #	99
48) Methyl methacrylate	9.455	41	71930	147.482	ug/l #	79
49) 1,4-Dioxane	9.461	88	23658	5049.785	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	500705	965.623	ug/l	89
52) Toluene	10.396	92	91407	49.757	ug/l	93
53) t-1,3-Dichloropropene	10.614	75	78279	79.640	ug/l	95
54) cis-1,3-Dichloropropene	10.085	75	76574	67.418	ug/l #	80
55) 1,1,2-Trichloroethane	10.791	97	50171	95.339	ug/l	96
56) Ethyl methacrylate	10.655	69	80545	116.311	ug/l #	70
57) 1,3-Dichloropropane	10.938	76	89226	92.566	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	195591	589.633	ug/l	99
59) 2-Hexanone	10.979	43	387929	1058.400	ug/l	89
60) Dibromochloromethane	11.132	129	58425	88.319	ug/l	100
61) 1,2-Dibromoethane	11.238	107	56196	107.816	ug/l	100
64) Tetrachloroethene	10.867	164	27069	35.646	ug/l	94
65) Chlorobenzene	11.661	112	109000	48.628	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.732	131	46128	56.331	ug/l	97
67) Ethyl Benzene	11.738	91	170542	40.882	ug/l	96
68) m/p-Xylenes	11.843	106	126683	79.933	ug/l	92
69) o-Xylene	12.173	106	68572	47.334	ug/l	99
70) Styrene	12.185	104	125367	49.815	ug/l	96
71) Bromoform	12.349	173	43629	98.460	ug/l #	98
73) Isopropylbenzene	12.467	105	155130	34.147	ug/l	99
74) N-amyl acetate	12.279	43	121461	99.651	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	87074	106.013	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	108643	155.169	ug/l #	1
77) Bromobenzene	12.749	156	47700	47.185	ug/l	75
78) n-propylbenzene	12.808	91	191135	33.565	ug/l	97
79) 2-Chlorotoluene	12.896	91	121241	38.098	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	132332	35.315	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	27746	111.971	ug/l #	73
82) 4-Chlorotoluene	12.996	91	129023	39.086	ug/l	100
83) tert-Butylbenzene	13.214	119	107818	33.672	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	145768	39.305	ug/l	96
85) sec-Butylbenzene	13.390	105	145002	29.704	ug/l	100
86) p-Isopropyltoluene	13.502	119	124052	30.627	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	87953	43.201	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	88553	44.359	ug/l	99
89) n-Butylbenzene	13.832	91	113987	28.673	ug/l	99
90) Hexachloroethane	14.096	117	25415	33.123	ug/l	85
91) 1,2-Dichlorobenzene	13.879	146	87470	50.624	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	21543	151.245	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	49300	46.822	ug/l #	83
94) Hexachlorobutadiene	15.249	225	10425	18.482	ug/l	97
95) Naphthalene	15.384	128	205718	102.644	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	49237	54.064	ug/l #	89

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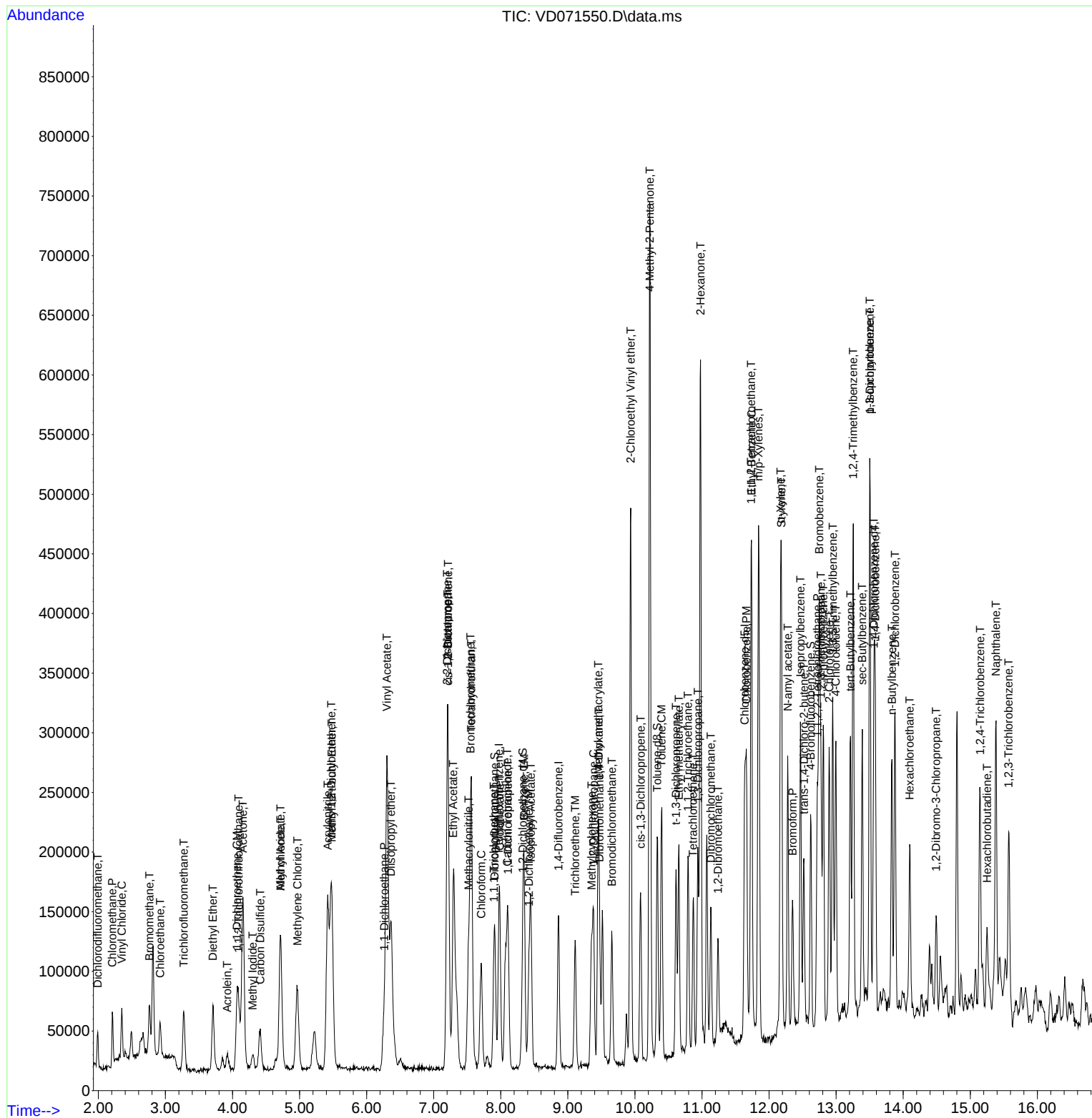
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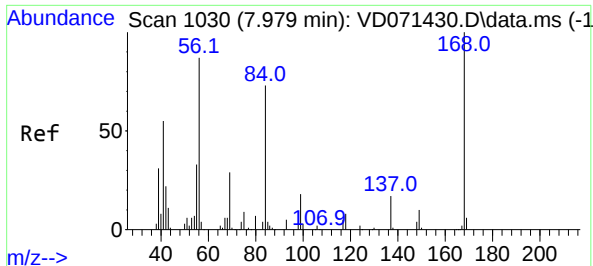
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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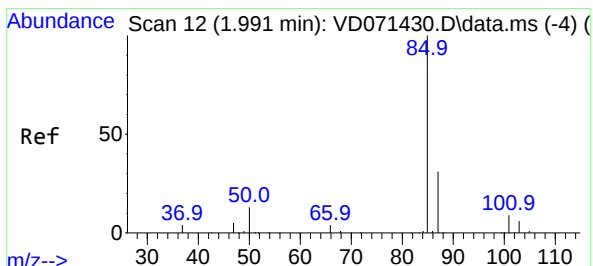
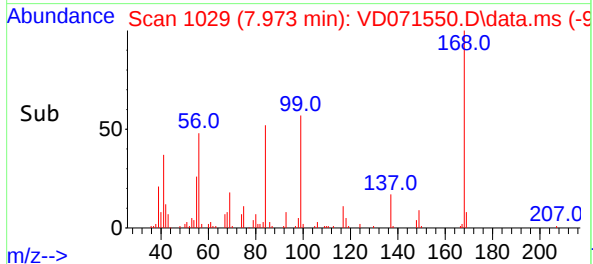
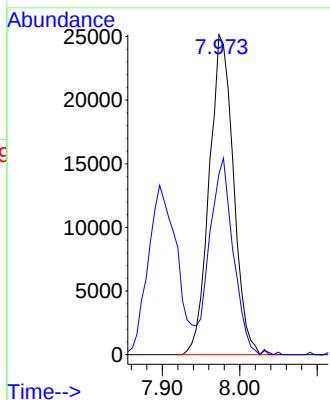
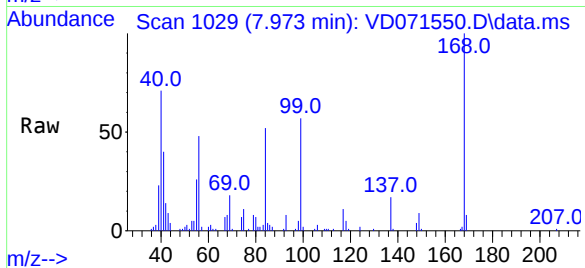




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
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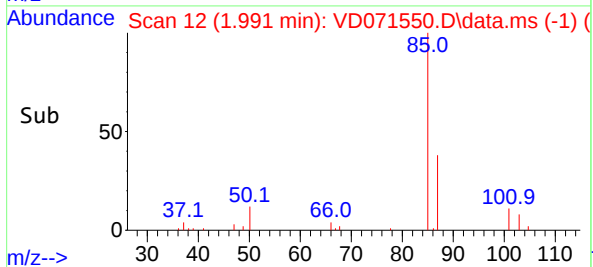
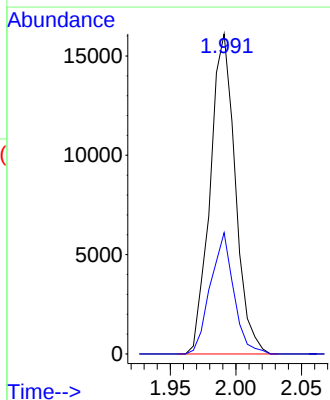
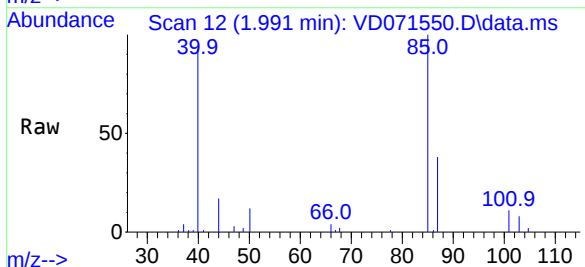
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ClientSampleId :
HB-2-(20-25)-12-17-21MSD

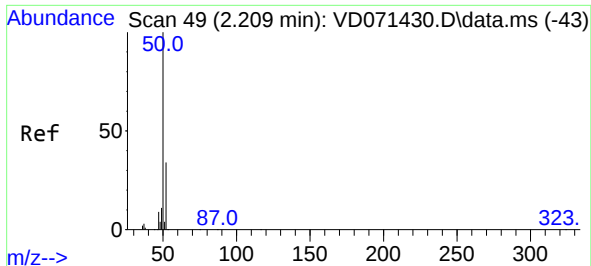
Tgt Ion:168 Resp: 54539
Ion Ratio Lower Upper
168 100
99 55.7 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 37.538 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 85 Resp: 21452
Ion Ratio Lower Upper
85 100
87 37.9 15.2 45.6

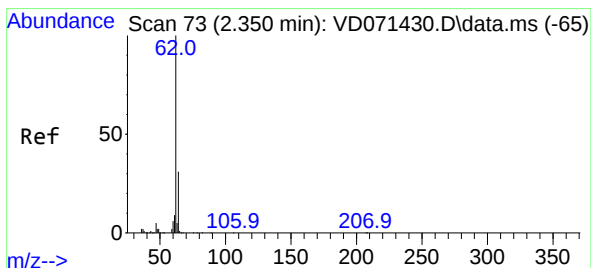
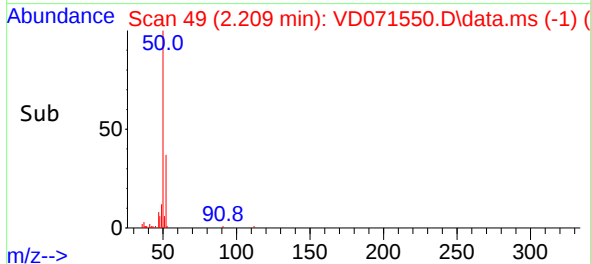
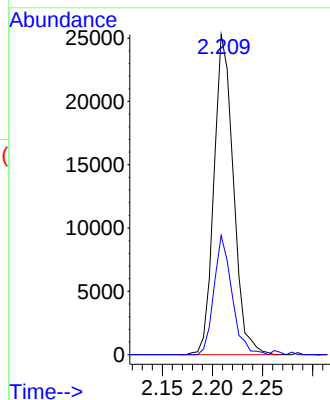
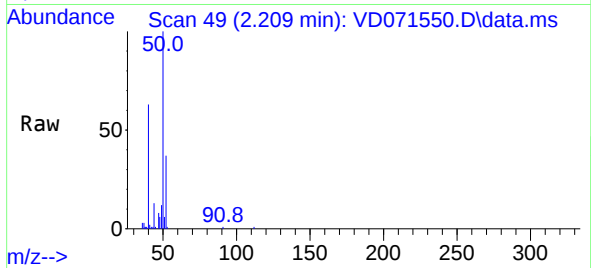




#3
Chloromethane
Concen: 46.540 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

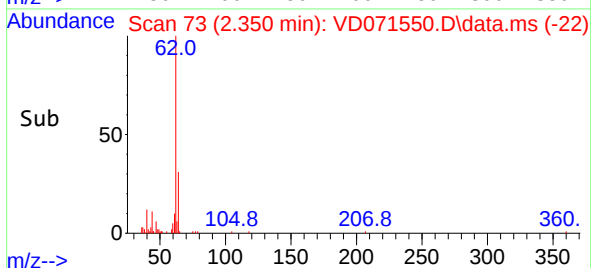
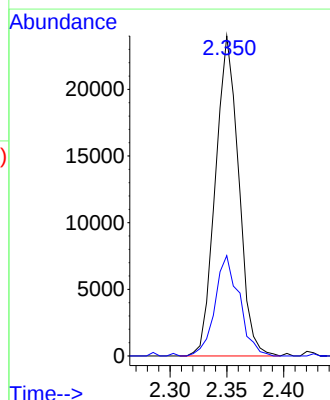
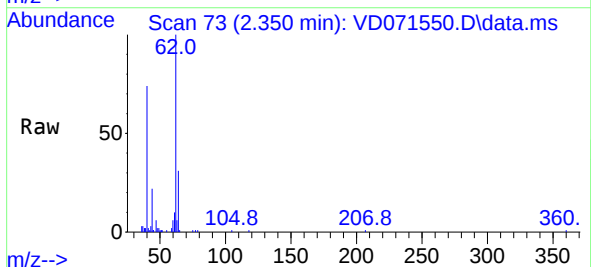
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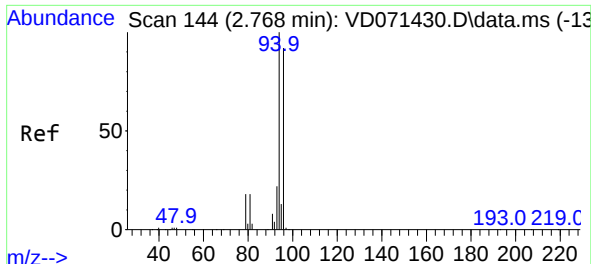
Tgt Ion: 50 Resp: 34056
Ion Ratio Lower Upper
50 100
52 37.2 25.8 38.8



#4
Vinyl Chloride
Concen: 39.048 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 62 Resp: 34242
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

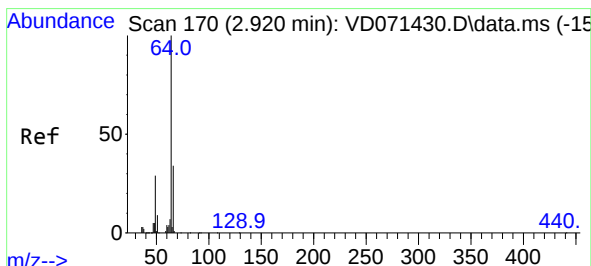
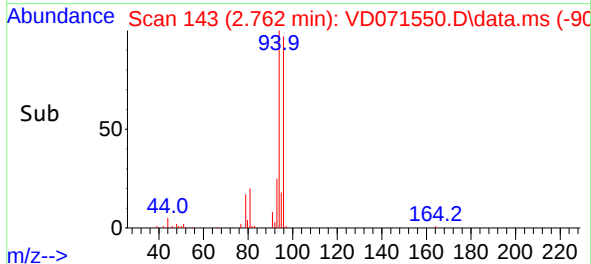
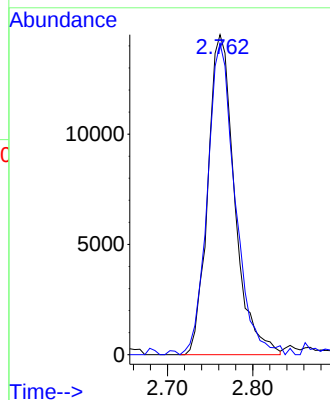
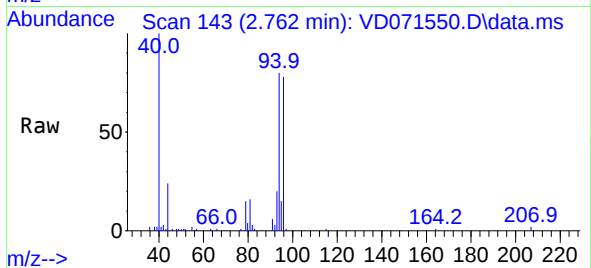




#5
Bromomethane
Concen: 51.530 ug/l
RT: 2.762 min Scan# 144
Delta R.T. 0.012 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

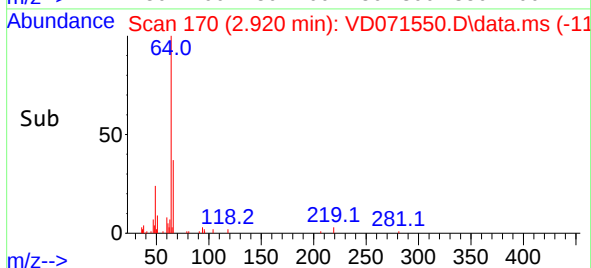
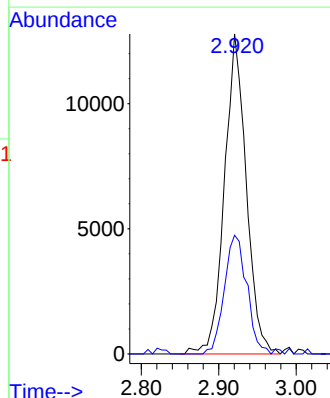
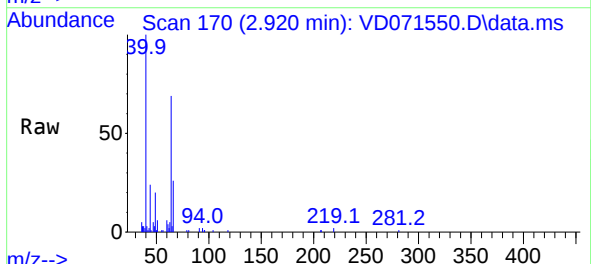
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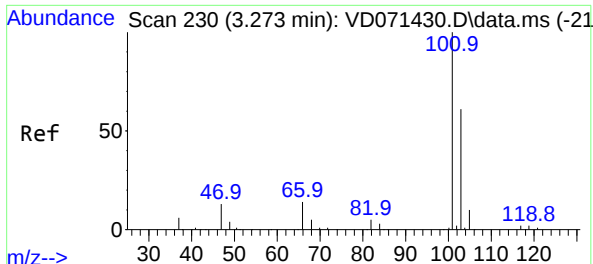
Tgt Ion: 94 Resp: 31612
Ion Ratio Lower Upper
94 100
96 97.3 74.8 112.2



#6
Chloroethane
Concen: 43.057 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.005 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 64 Resp: 25058
Ion Ratio Lower Upper
64 100
66 37.1 29.0 43.4

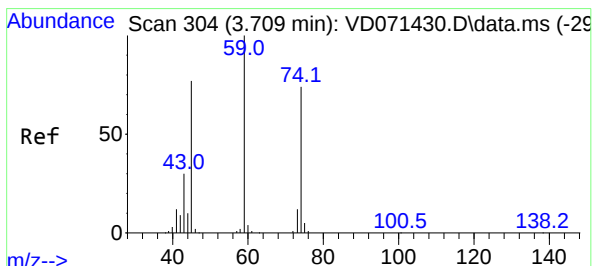
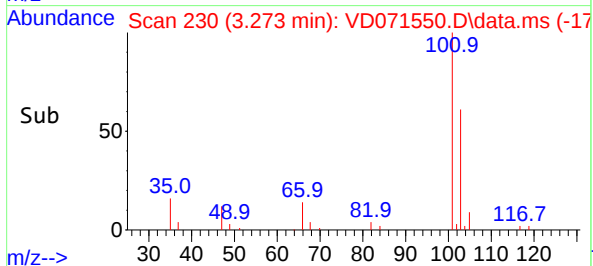
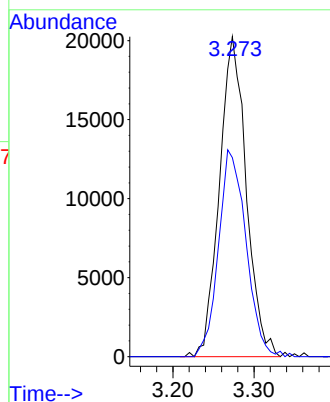
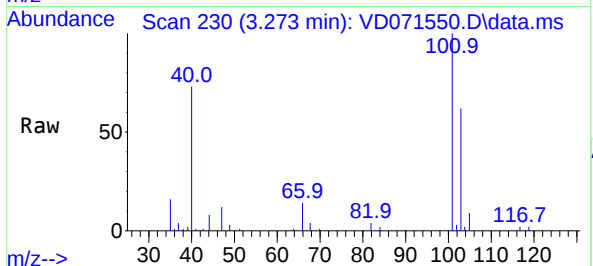




#7
Trichlorofluoromethane
Concen: 43.353 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

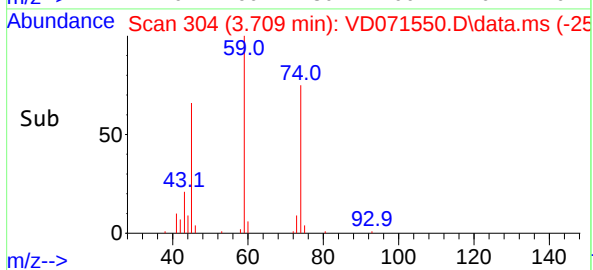
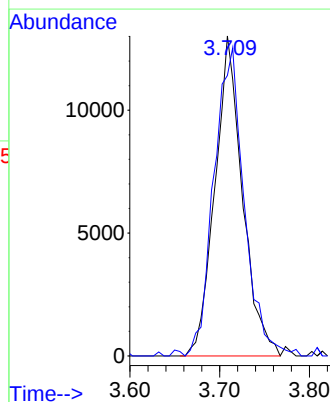
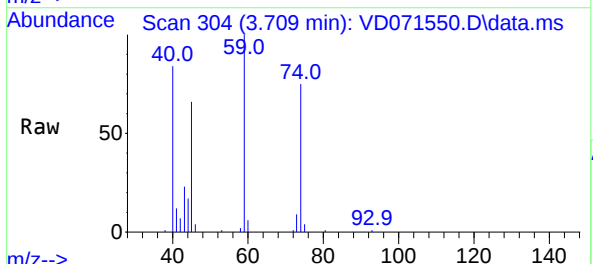
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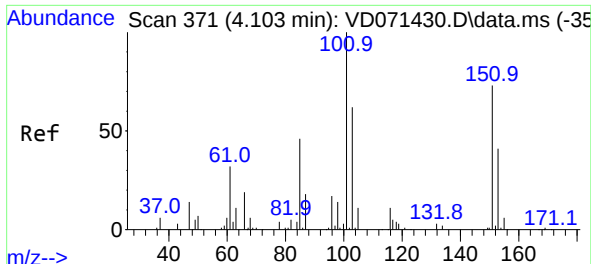
Tgt Ion:101 Resp: 46541
Ion Ratio Lower Upper
101 100
103 62.2 49.7 74.5



#8
Diethyl Ether
Concen: 90.250 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 74 Resp: 27737
Ion Ratio Lower Upper
74 100
45 106.3 49.6 149.0

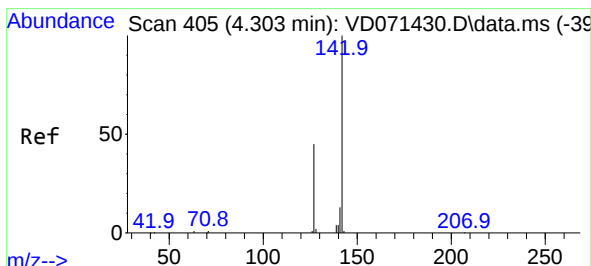
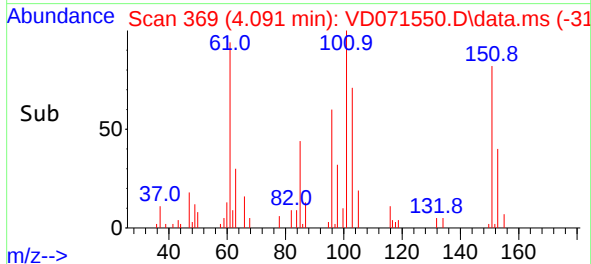
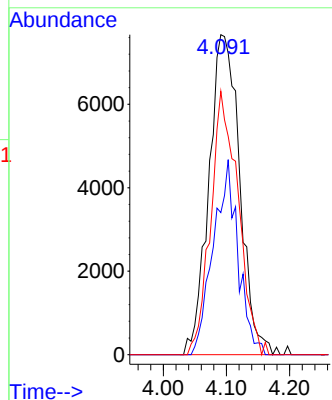
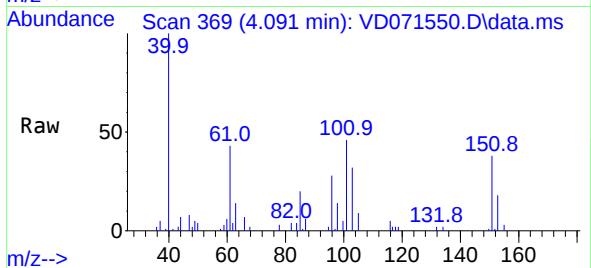




#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.716 ug/l
RT: 4.091 min Scan# 309
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

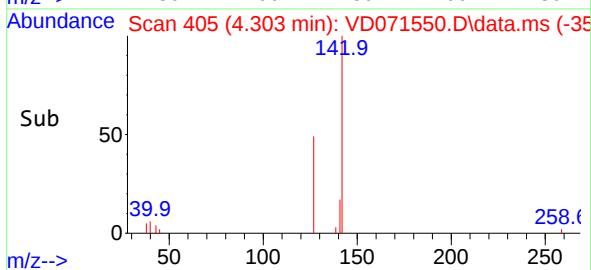
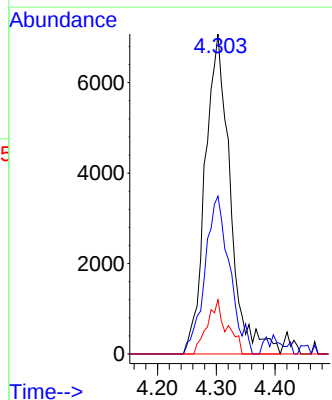
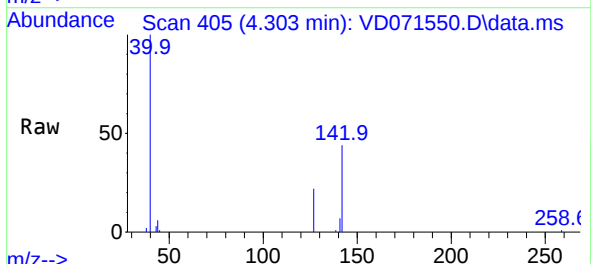
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

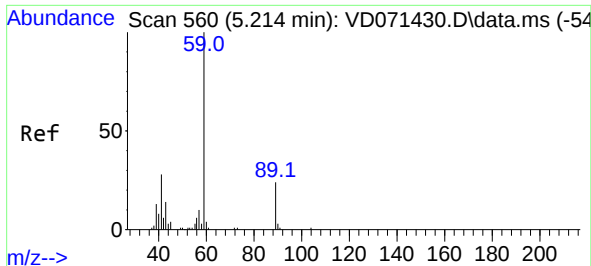
Tgt Ion:101 Resp: 26054
Ion Ratio Lower Upper
101 100
85 48.8 34.8 52.2
151 73.0 60.4 90.6



#10
Methyl Iodide
Concen: 34.425 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:142 Resp: 20909
Ion Ratio Lower Upper
142 100
127 48.8 35.0 52.4
141 13.3 12.0 18.0

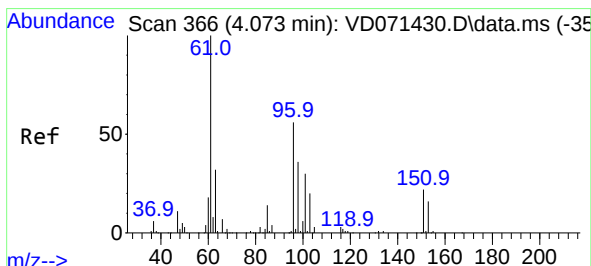
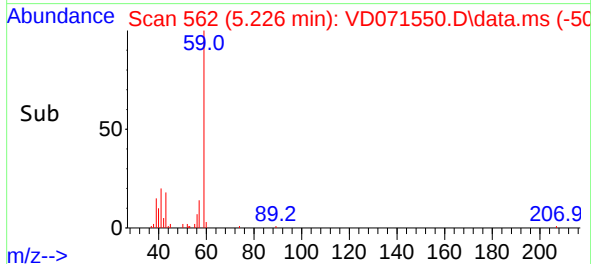
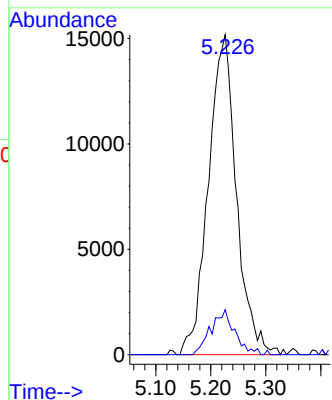
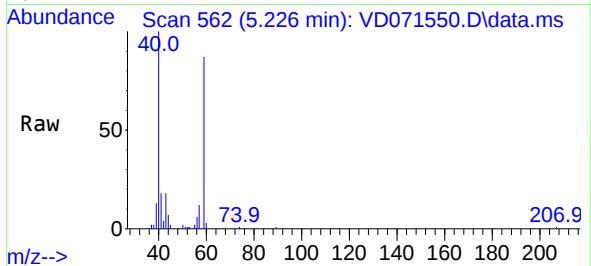




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 50
Delta R.T. 0.017 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

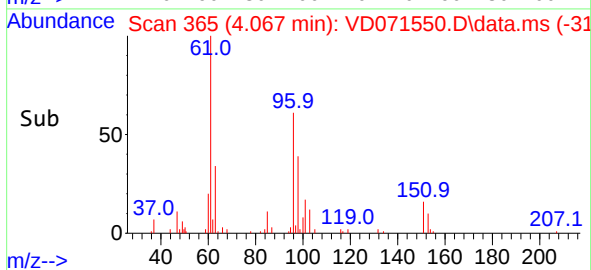
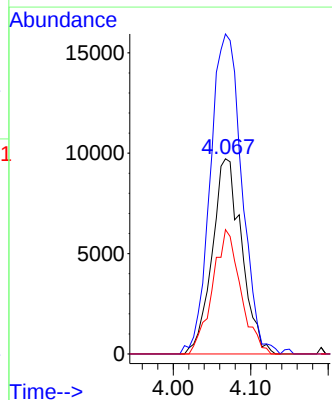
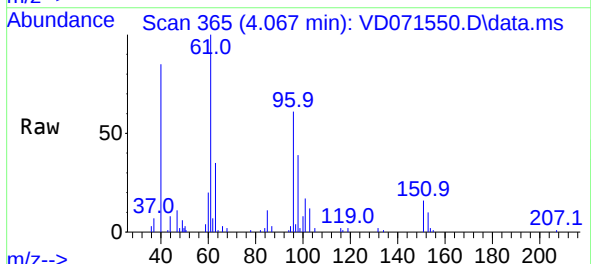
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

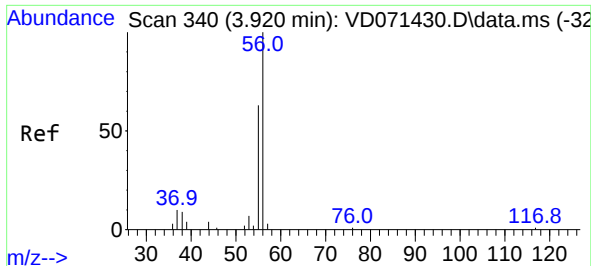
Tgt Ion: 59 Resp: 53862
Ion Ratio Lower Upper
59 100
57 12.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 45.123 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.005 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 96 Resp: 25639
Ion Ratio Lower Upper
96 100
61 163.9 120.3 180.5
98 63.7 54.4 81.6

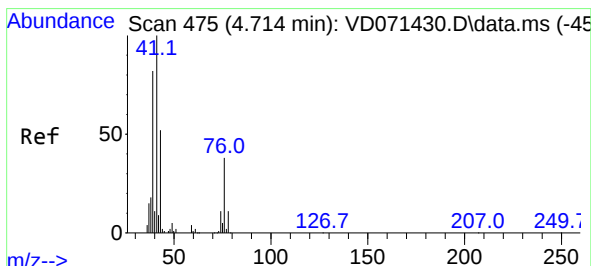
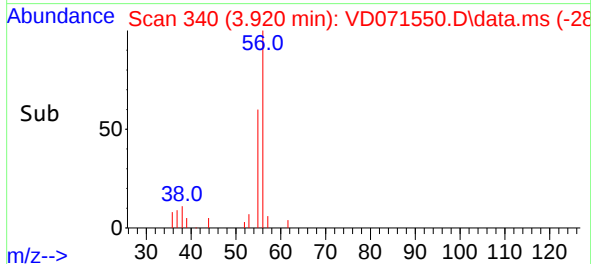
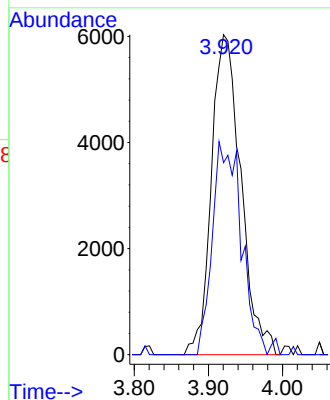
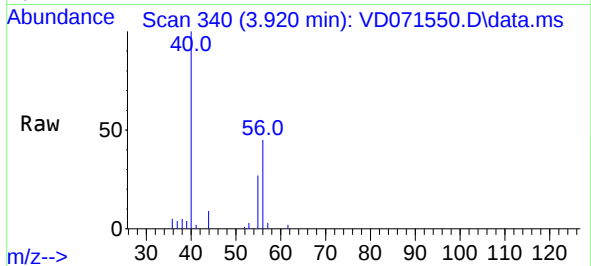




#13
Acrolein
Concen: 475.482 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

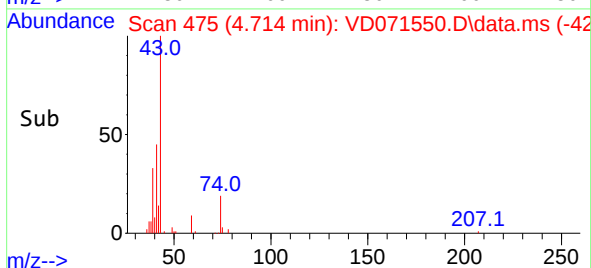
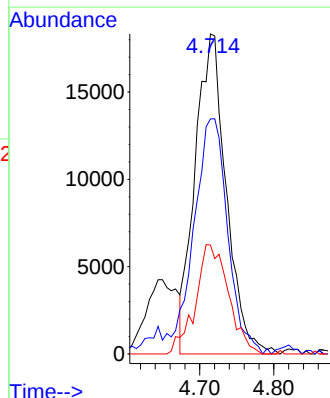
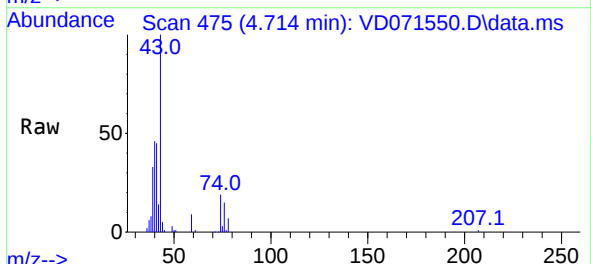
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

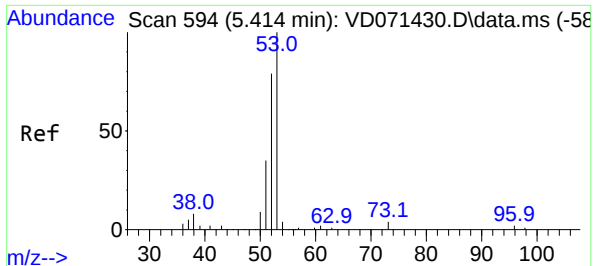
Tgt Ion: 56 Resp: 16637
Ion Ratio Lower Upper
56 100
55 65.1 58.6 87.8



#14
Allyl chloride
Concen: 49.893 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.011 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 41 Resp: 53622
Ion Ratio Lower Upper
41 100
39 78.9 45.6 68.4#
76 36.2 30.2 45.4

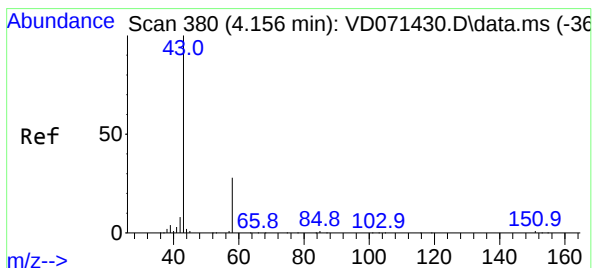
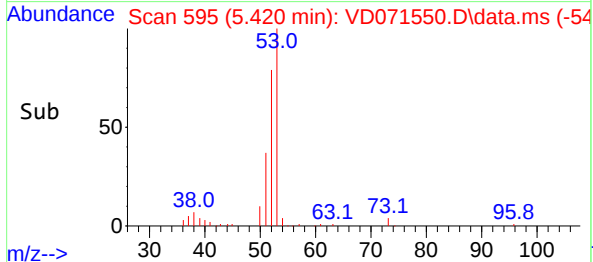
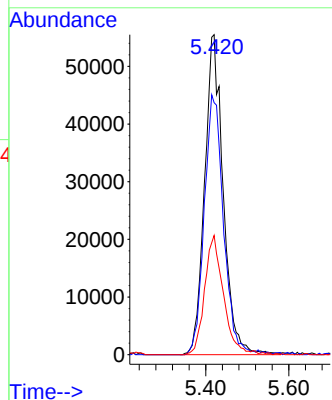
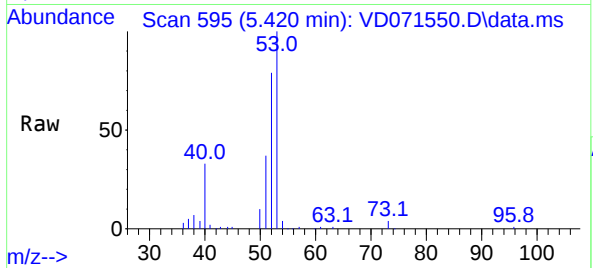




#15
Acrylonitrile
Concen: 1140.910 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

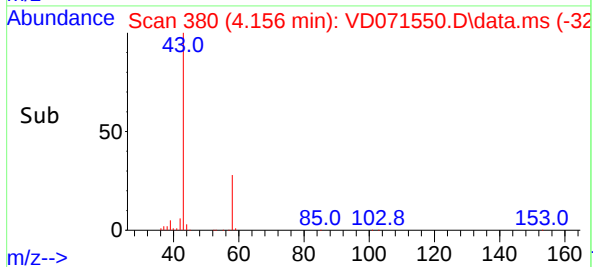
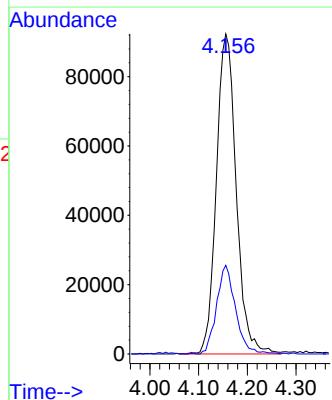
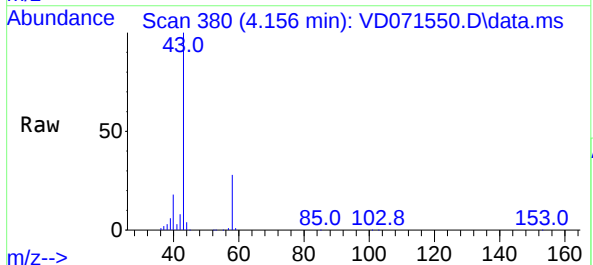
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

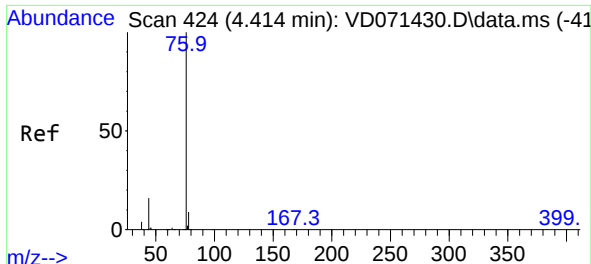
Tgt Ion: 53 Resp: 172678
Ion Ratio Lower Upper
53 100
52 83.6 63.8 95.8
51 37.6 28.5 42.7



#16
Acetone
Concen: 1436.321 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 43 Resp: 261317
Ion Ratio Lower Upper
43 100
58 27.7 27.8 41.8#

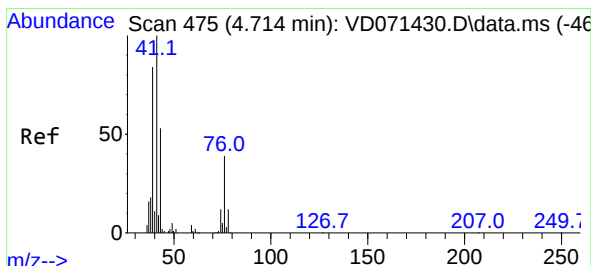
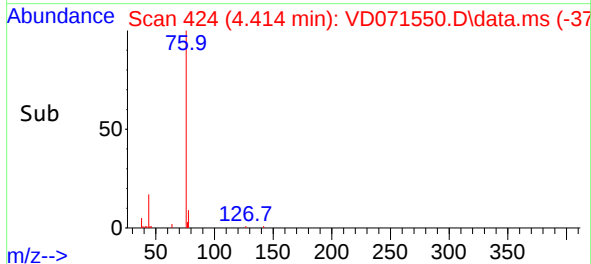
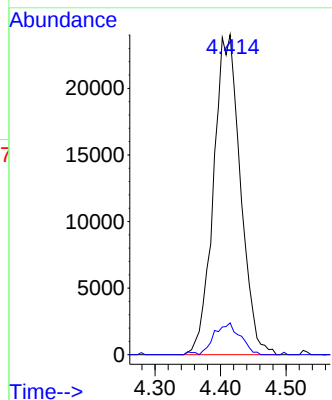
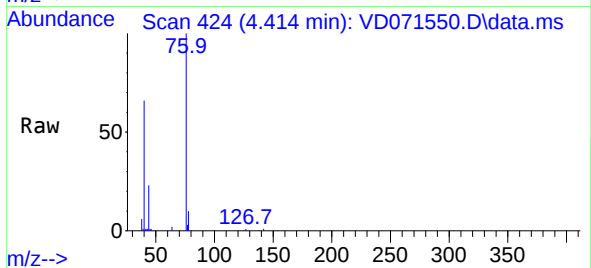




#17
Carbon Disulfide
Concen: 36.939 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

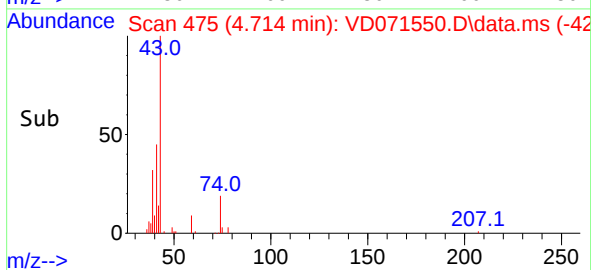
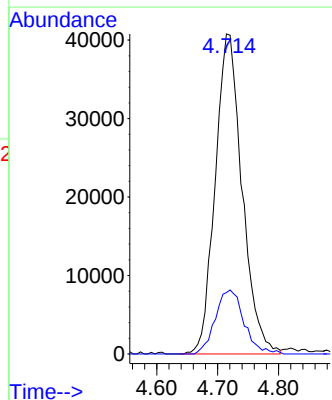
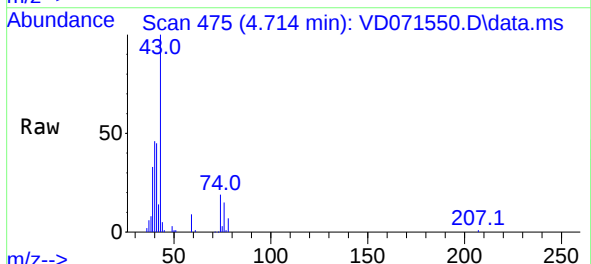
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

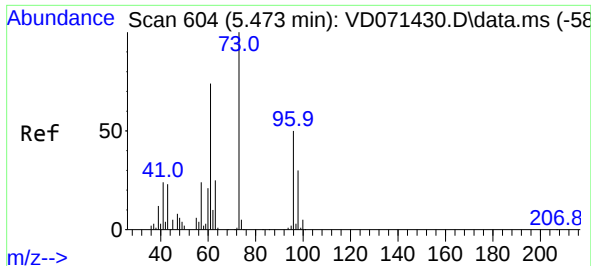
Tgt Ion: 76 Resp: 68388
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.8



#18
Methyl Acetate
Concen: 223.023 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 43 Resp: 125238
Ion Ratio Lower Upper
43 100
74 21.3 19.3 28.9

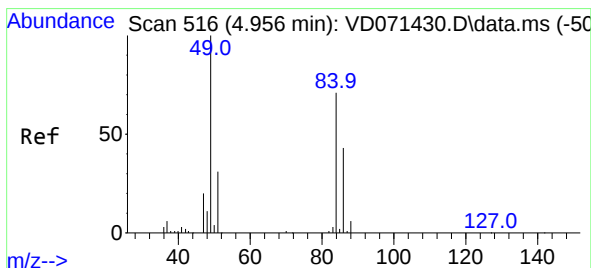
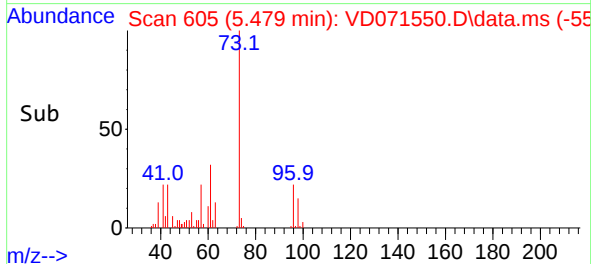
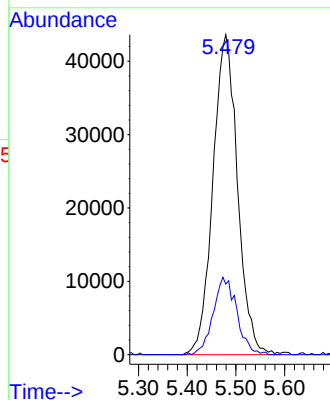
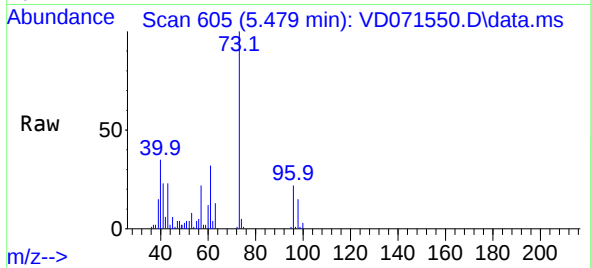




#19
Methyl tert-butyl Ether
Concen: 104.269 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

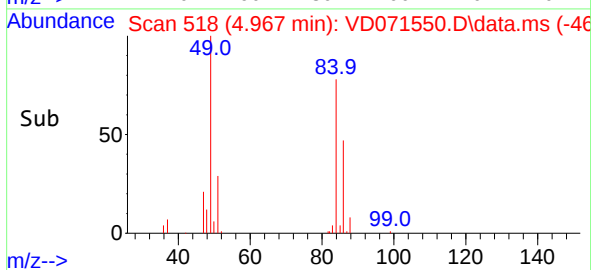
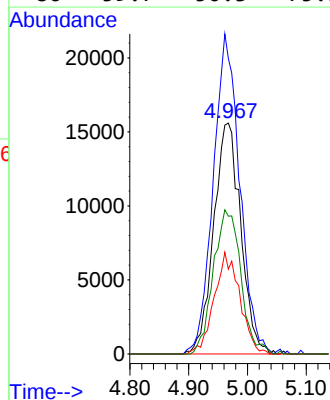
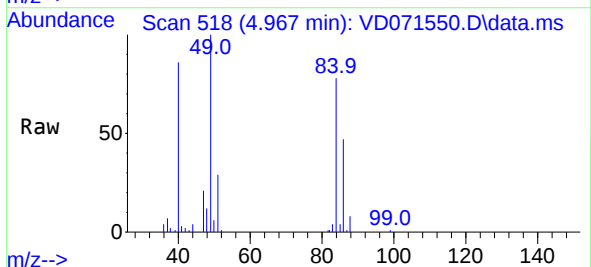
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

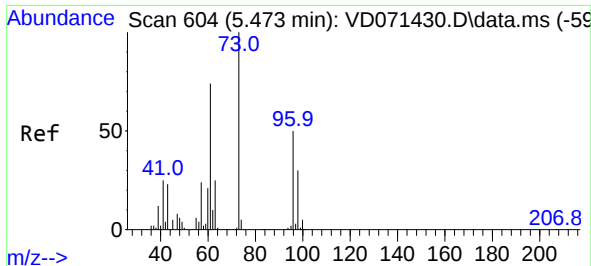
Tgt Ion: 73 Resp: 152941
Ion Ratio Lower Upper
73 100
57 22.1 18.9 28.3



#20
Methylene Chloride
Concen: 75.838 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 84 Resp: 49873
Ion Ratio Lower Upper
84 100
49 128.0 95.8 143.6
51 36.7 30.9 46.3
86 59.7 50.3 75.5

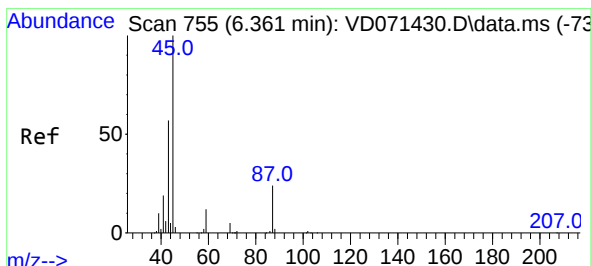
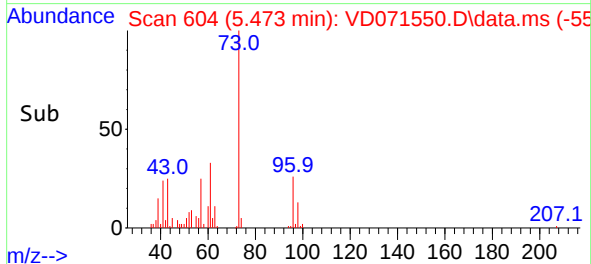
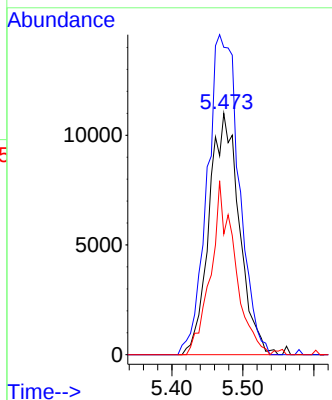
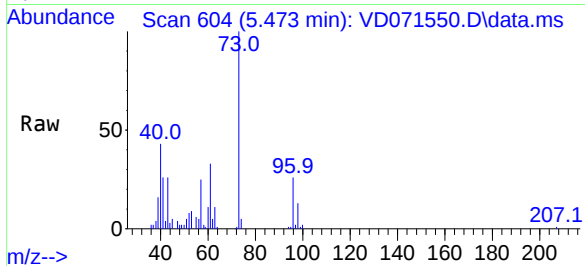




#21
trans-1,2-Dichloroethene
Concen: 49.234 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

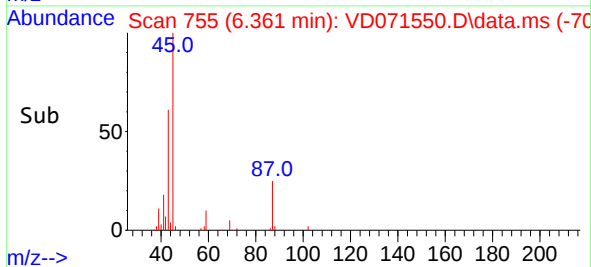
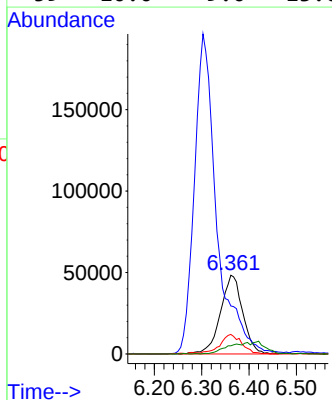
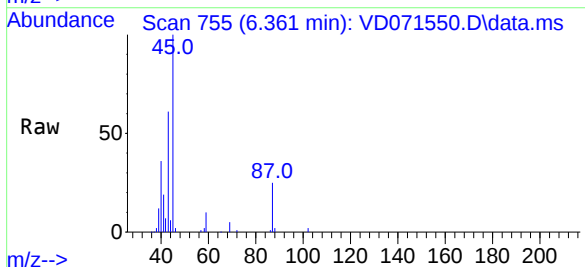
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

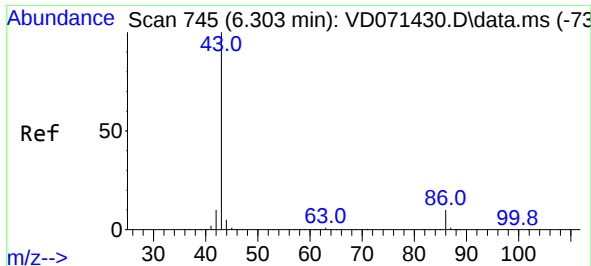
Tgt Ion: 96 Resp: 32402
Ion Ratio Lower Upper
96 100
61 127.4 102.1 153.1
98 50.0 50.1 75.1#



#22
Diisopropyl ether
Concen: 72.186 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 45 Resp: 157934
Ion Ratio Lower Upper
45 100
43 58.5 39.6 59.4
87 24.9 21.2 31.8
59 10.0 9.0 13.6

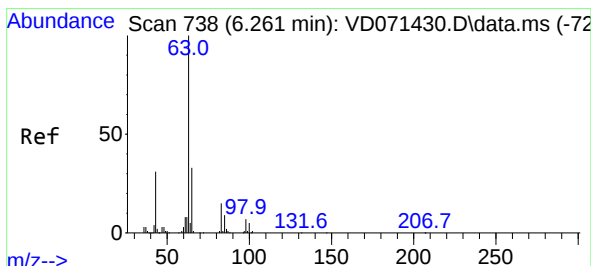
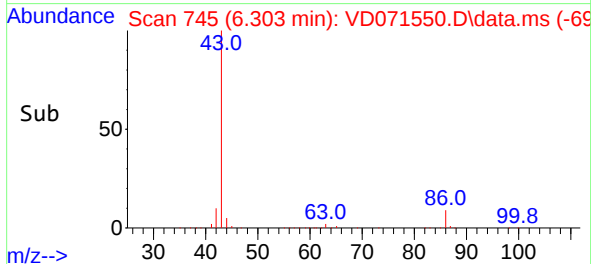
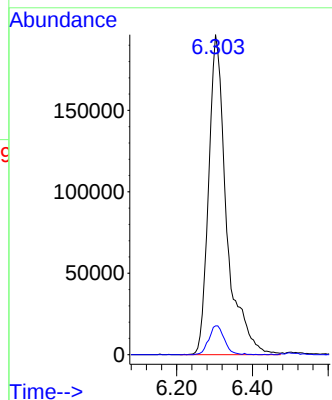
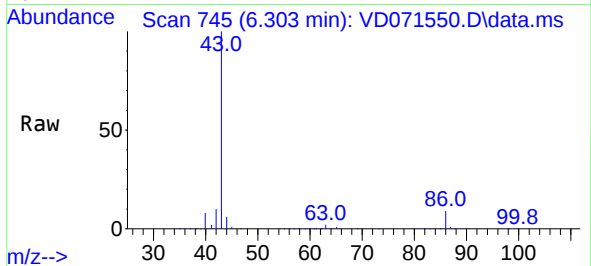




#23
 Vinyl Acetate
 Concen: 571.153 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071550.D
 Acq: 30 Dec 2021 15:42

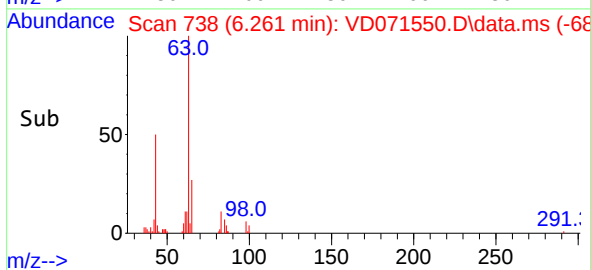
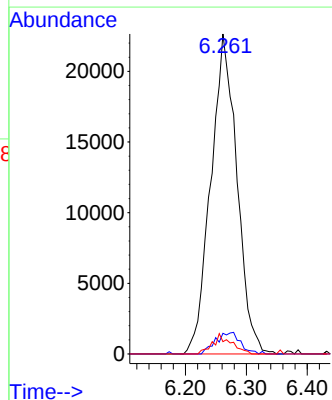
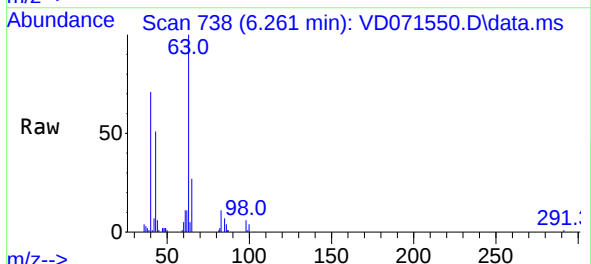
Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

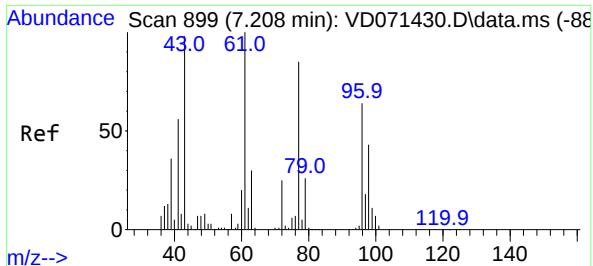
Tgt Ion: 43 Resp: 644190
 Ion Ratio Lower Upper
 43 100
 86 9.0 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 53.886 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD071550.D
 Acq: 30 Dec 2021 15:42

Tgt Ion: 63 Resp: 67588
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 1236.500 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

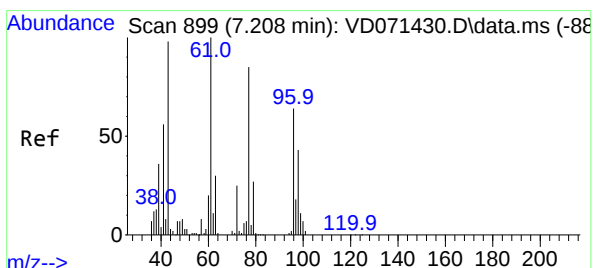
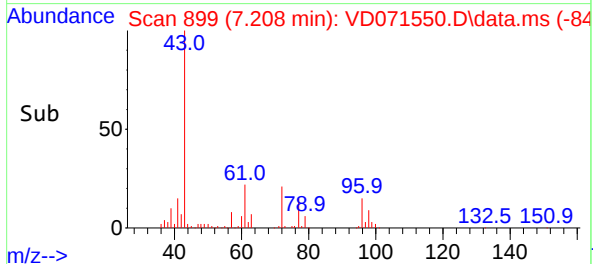
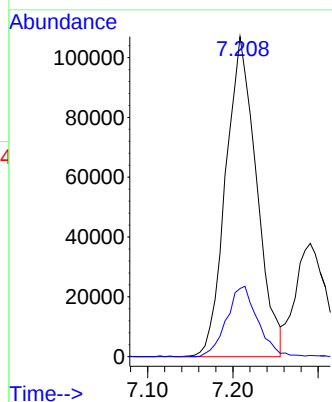
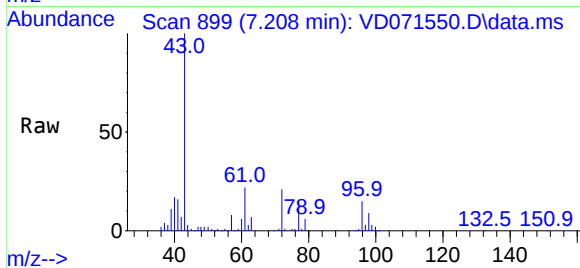
HB-2-(20-25)-12-17-21MSD

Tgt Ion: 43 Resp: 268708

Ion Ratio Lower Upper

43 100

72 21.3 23.8 35.6#



#26

2,2-Dichloropropane

Concen: 50.020 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.005 min

Lab File: VD071550.D

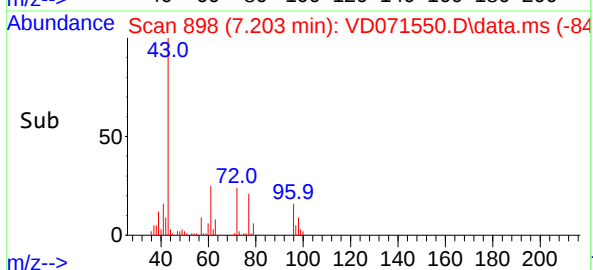
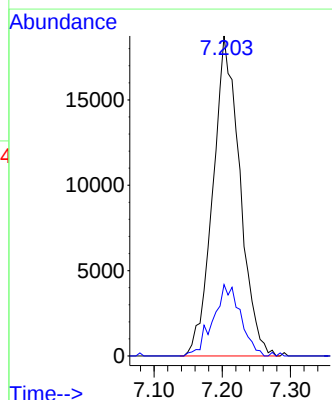
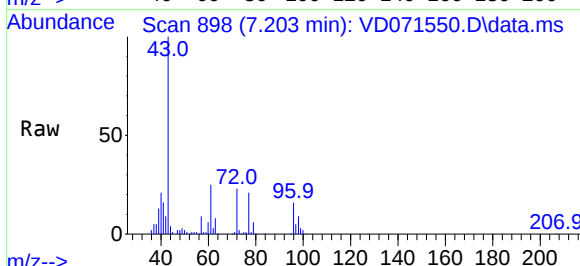
Acq: 30 Dec 2021 15:42

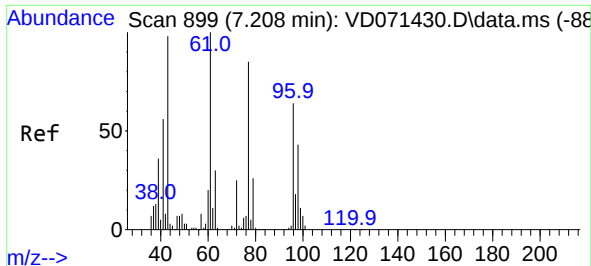
Tgt Ion: 77 Resp: 51550

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.5

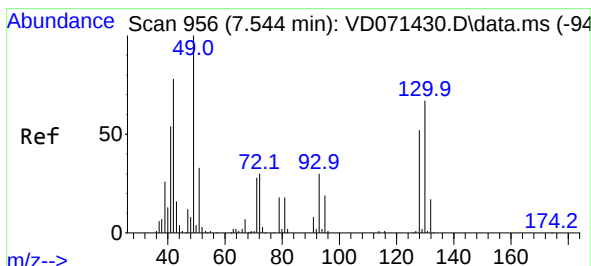
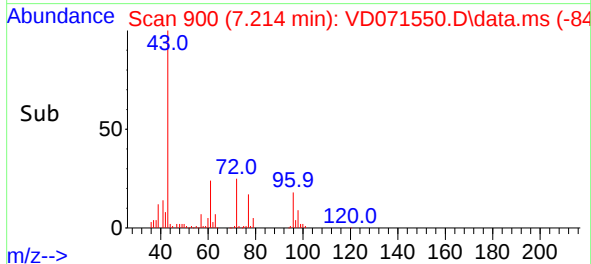
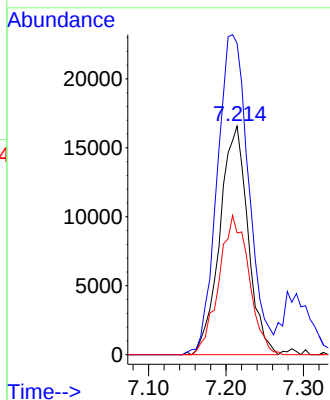
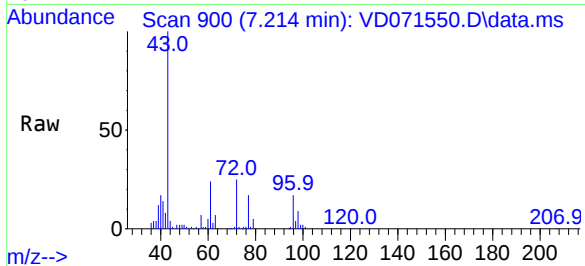




#27
cis-1,2-Dichloroethene
Concen: 57.587 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

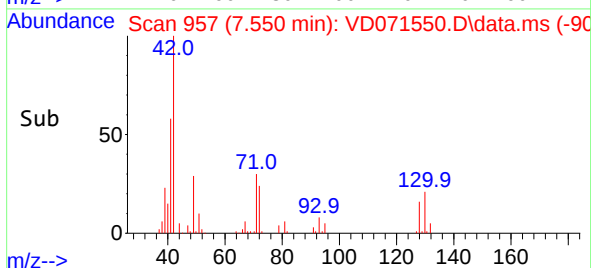
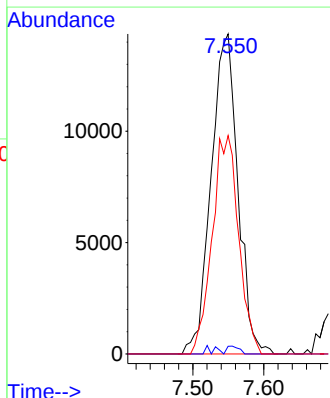
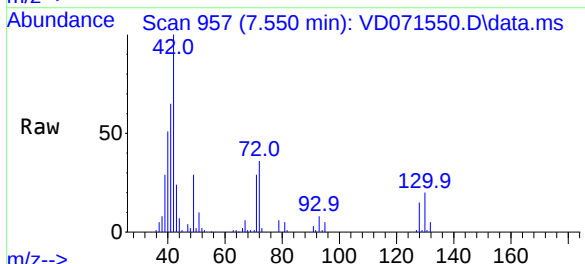
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

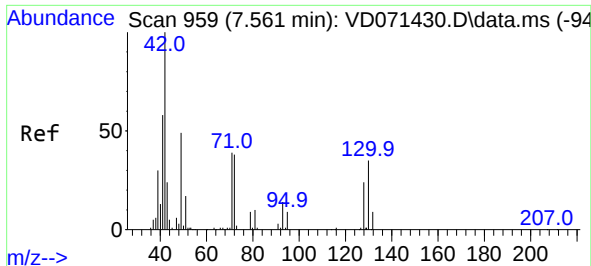
Tgt Ion: 96 Resp: 41920
Ion Ratio Lower Upper
96 100
61 156.8 0.0 288.6
98 65.1 0.0 129.2



#28
Bromochloromethane
Concen: 73.171 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.012 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 49 Resp: 37609
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 67.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 1232.191 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

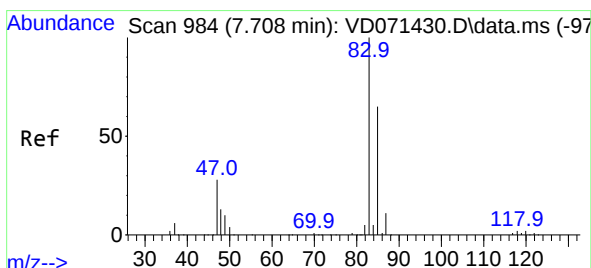
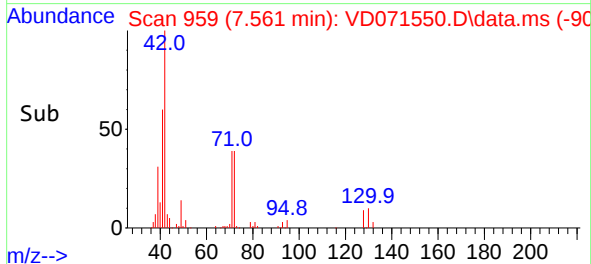
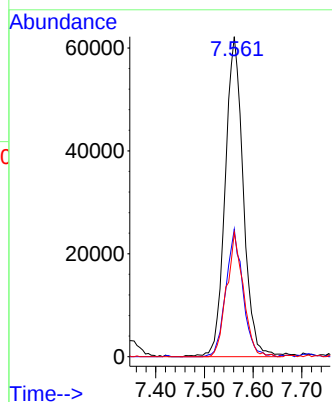
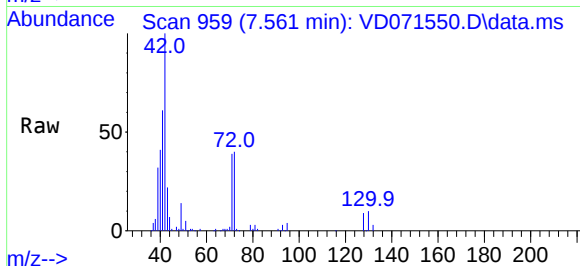
Tgt Ion: 42 Resp: 160773

Ion Ratio Lower Upper

42 100

72 37.4 33.7 50.5

71 36.0 32.7 49.1



#30

Chloroform

Concen: 60.037 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.006 min

Lab File: VD071550.D

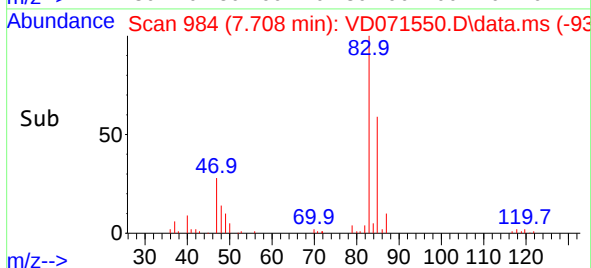
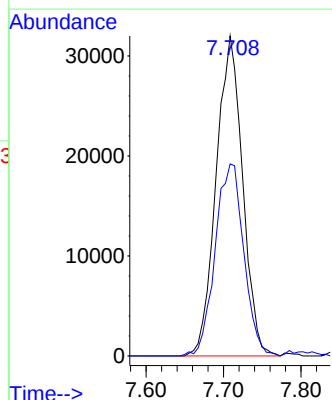
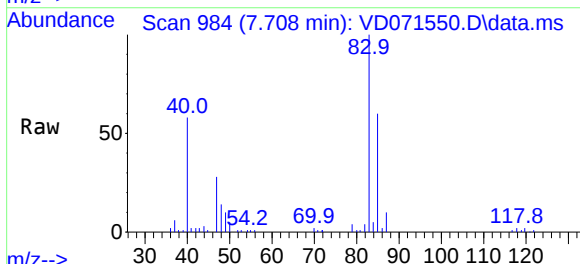
Acq: 30 Dec 2021 15:42

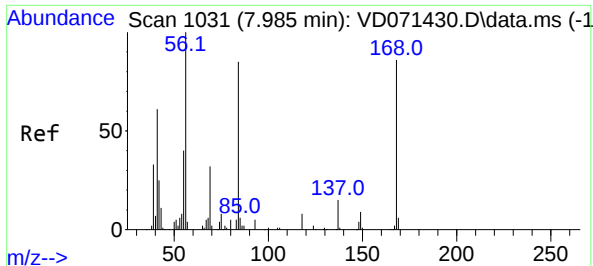
Tgt Ion: 83 Resp: 75982

Ion Ratio Lower Upper

83 100

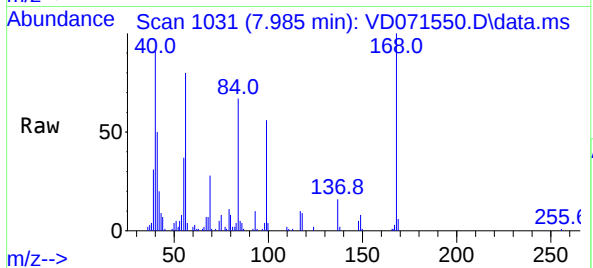
85 60.0 51.0 76.6



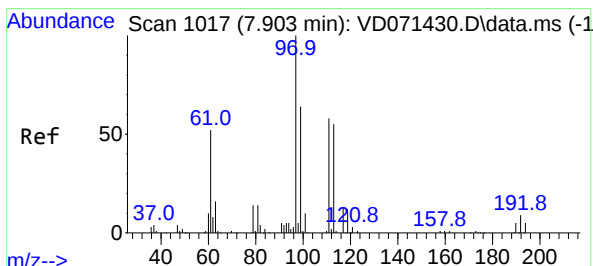
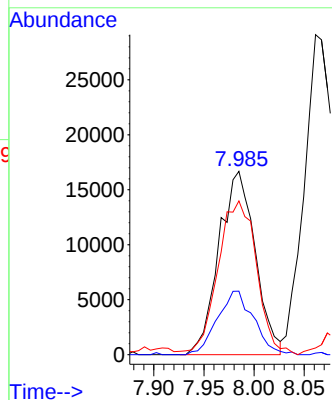
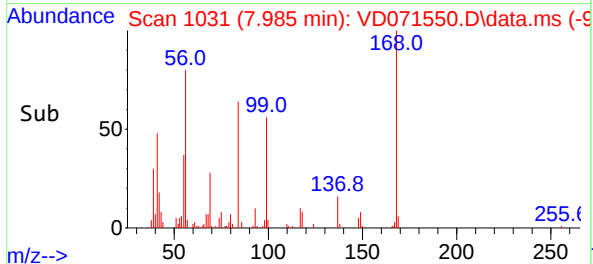


#31
Cyclohexane
Concen: 34.154 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

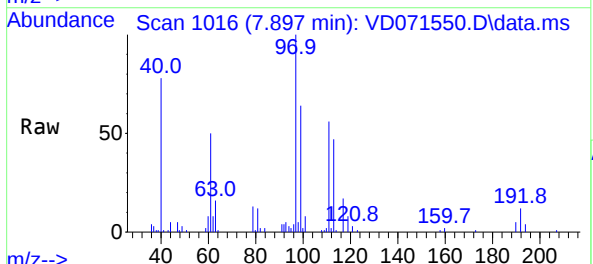
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD



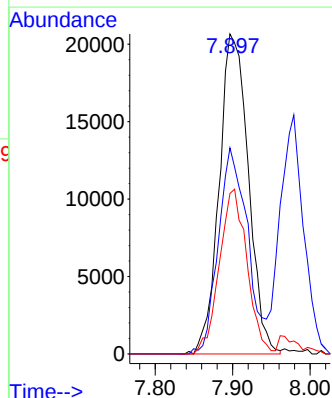
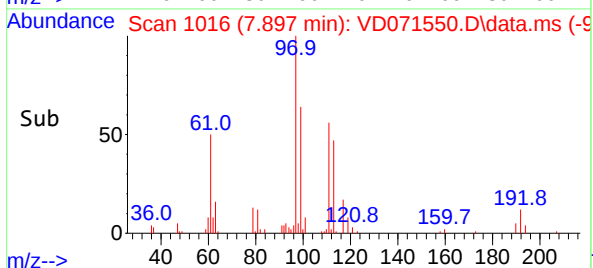
Tgt Ion: 56 Resp: 42025
Ion Ratio Lower Upper
56 100
69 34.6 25.9 38.9
84 82.1 64.3 96.5

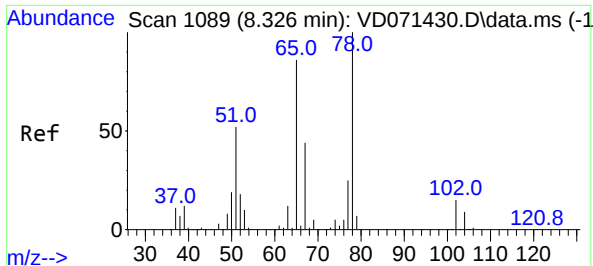


#32
1,1,1-Trichloroethane
Concen: 48.285 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.005 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42



Tgt Ion: 97 Resp: 54196
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 48.7 33.0 49.4

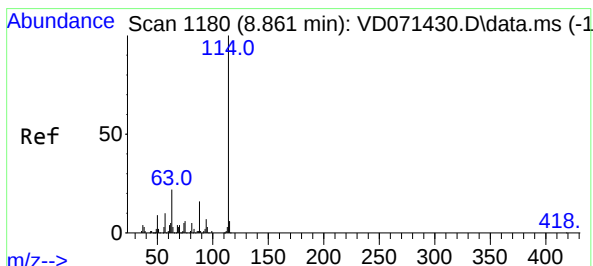
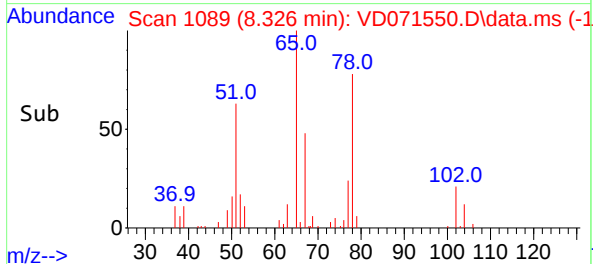
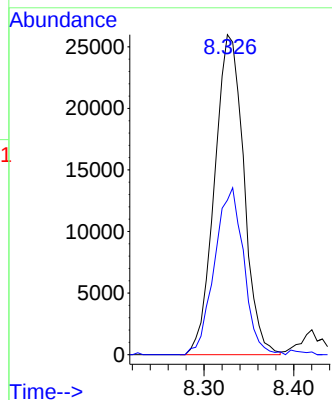
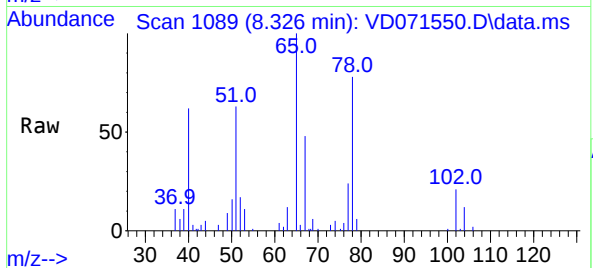




#33
1,2-Dichloroethane-d4
Concen: 81.251 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

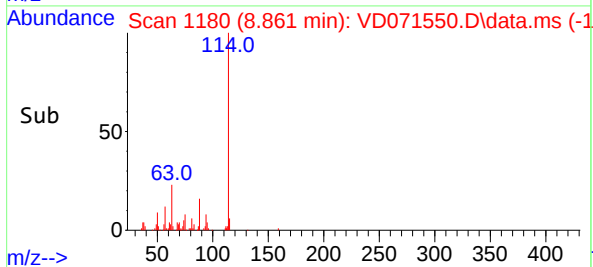
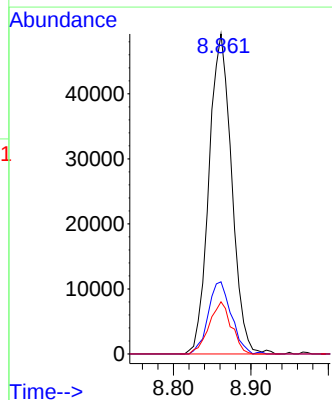
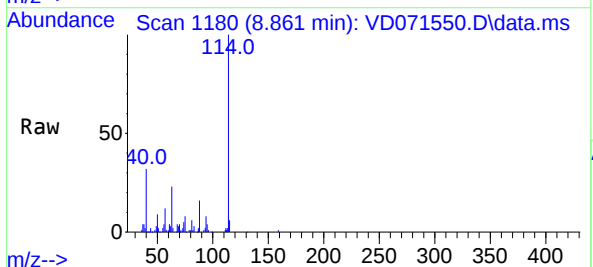
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

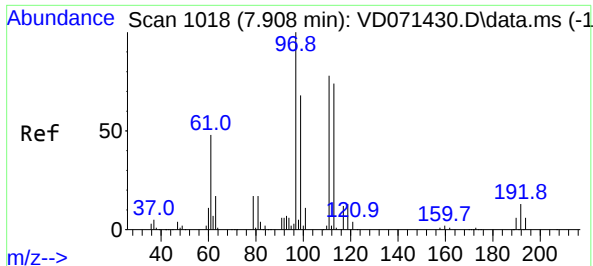
Tgt Ion: 65 Resp: 58852
Ion Ratio Lower Upper
65 100
67 52.1 0.0 112.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:114 Resp: 100188
Ion Ratio Lower Upper
114 100
63 22.6 0.0 41.8
88 16.3 0.0 32.8

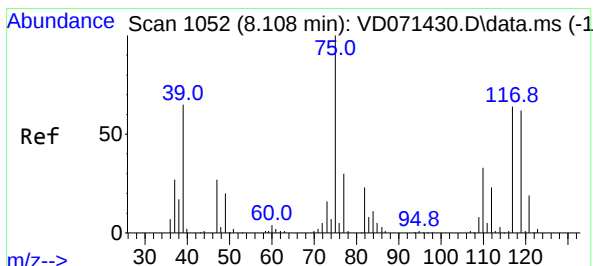
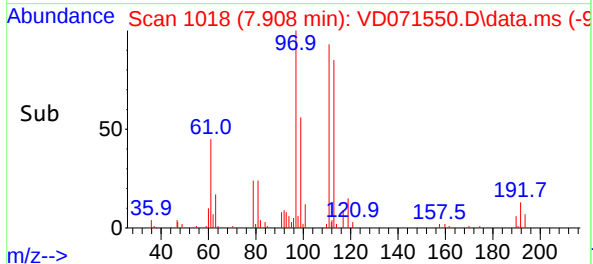
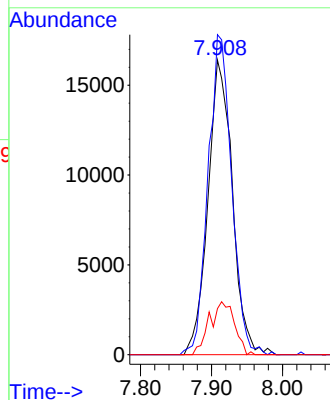
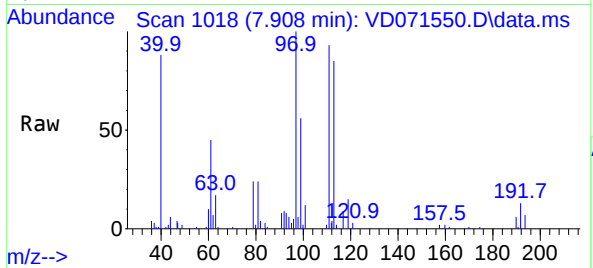




#35
Dibromofluoromethane
Concen: 58.230 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

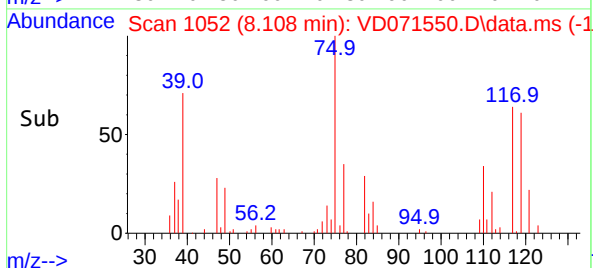
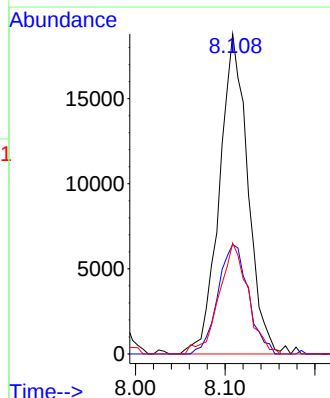
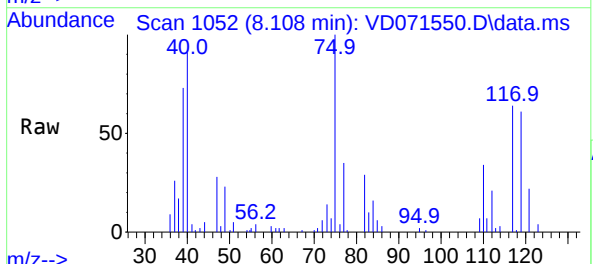
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

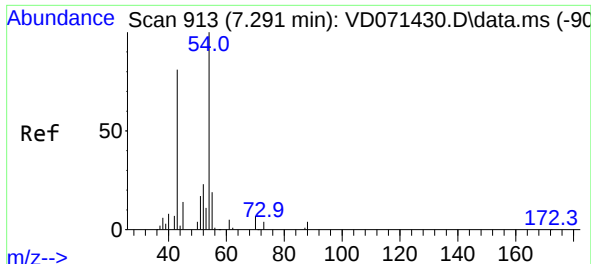
Tgt Ion:113 Resp: 39209
Ion Ratio Lower Upper
113 100
111 104.6 82.0 123.0
192 18.5 15.2 22.8



#36
1,1-Dichloropropene
Concen: 38.300 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 75 Resp: 41201
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.4
77 35.3 24.8 37.2

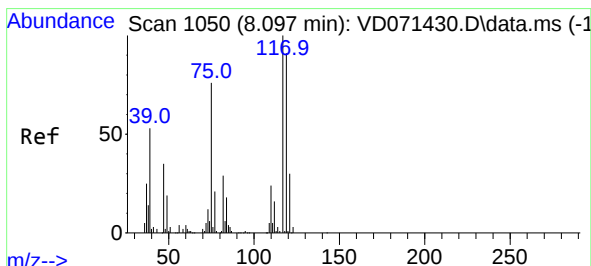
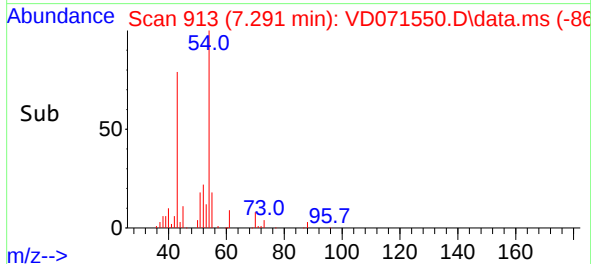
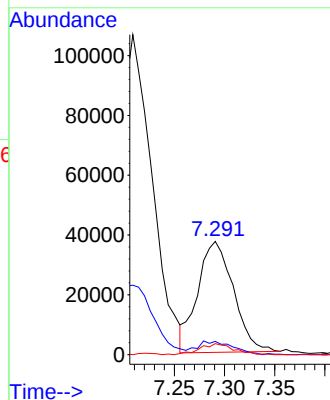
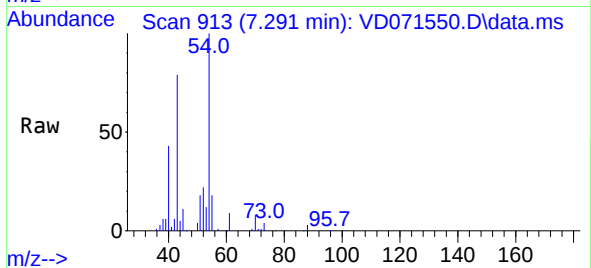




#37
Ethyl Acetate
Concen: 185.580 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

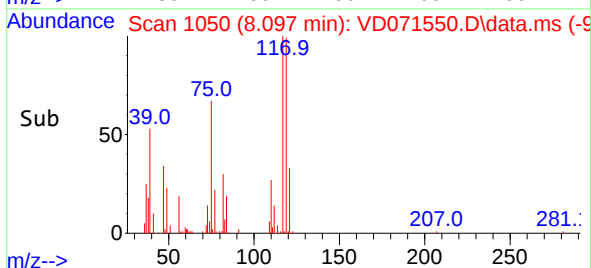
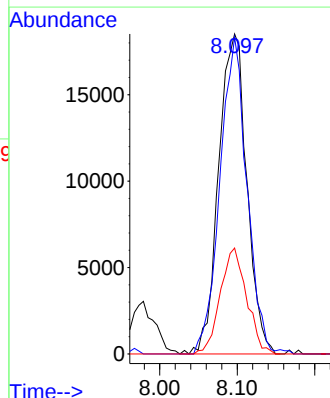
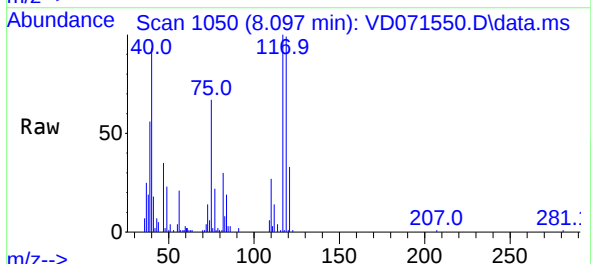
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

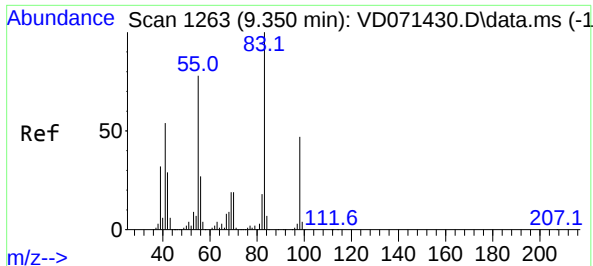
Tgt Ion: 43 Resp: 92167
Ion Ratio Lower Upper
43 100
61 12.0 13.0 19.6#
70 9.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 44.055 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 117 Resp: 46757
Ion Ratio Lower Upper
117 100
119 99.0 75.8 113.6
121 33.1 23.6 35.4





#39

Methylcyclohexane

Concen: 31.377 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

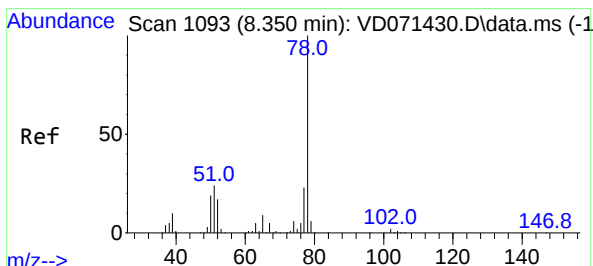
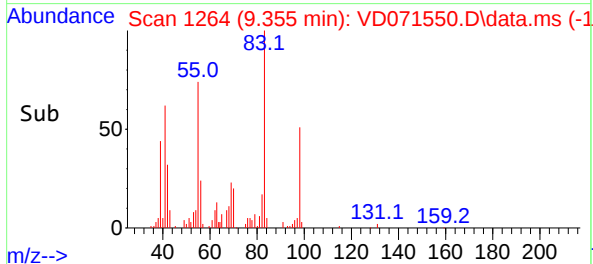
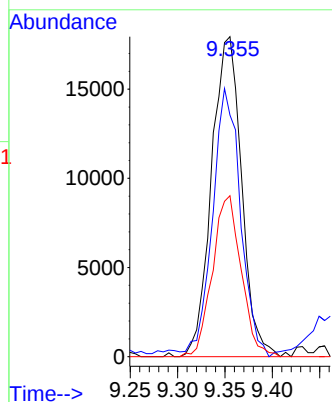
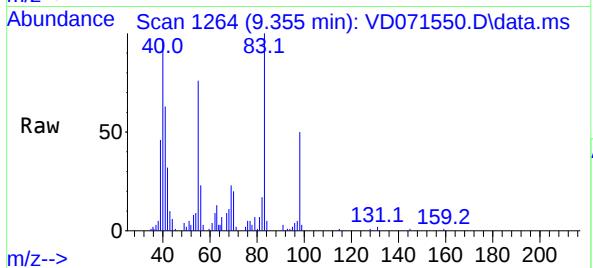
Tgt Ion: 83 Resp: 39513

Ion Ratio Lower Upper

83 100

55 74.0 65.8 98.8

98 50.3 38.7 58.1



#40

Benzene

Concen: 48.481 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071550.D

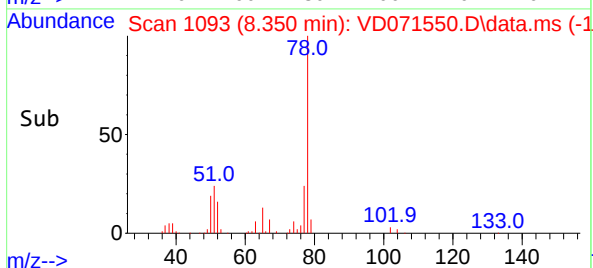
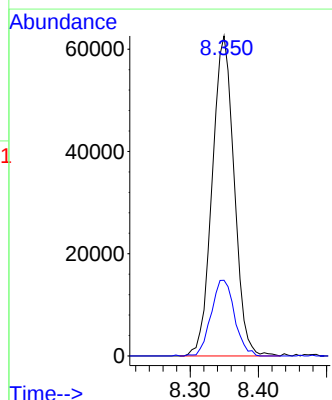
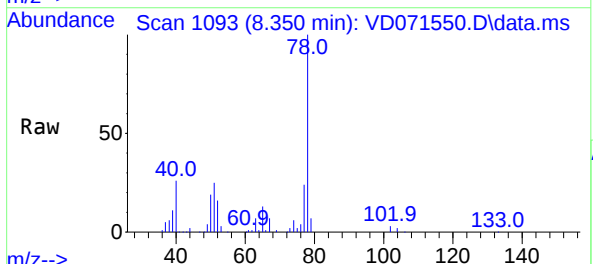
Acq: 30 Dec 2021 15:42

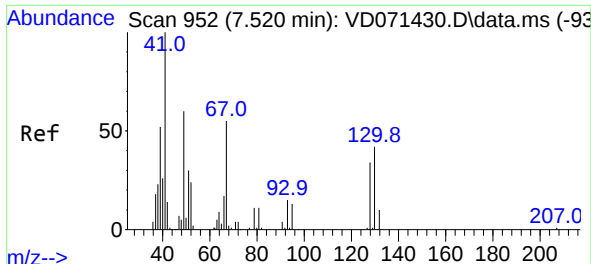
Tgt Ion: 78 Resp: 140203

Ion Ratio Lower Upper

78 100

77 23.7 19.1 28.7

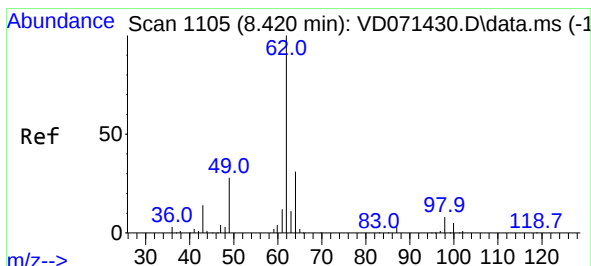
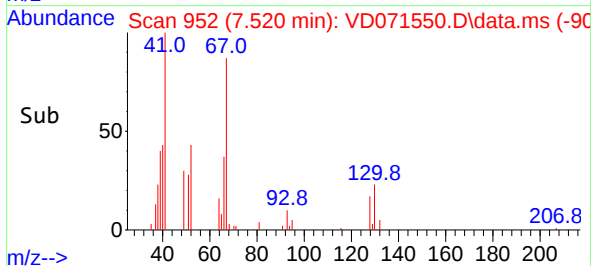
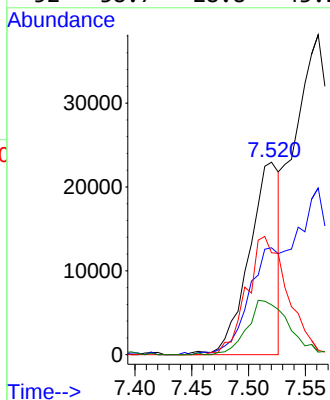
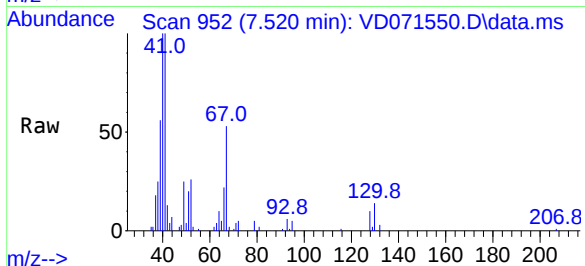




#41
Methacrylonitrile
Concen: 144.793 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

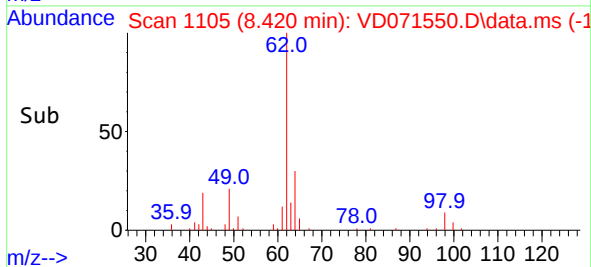
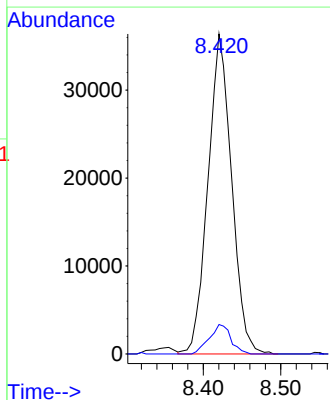
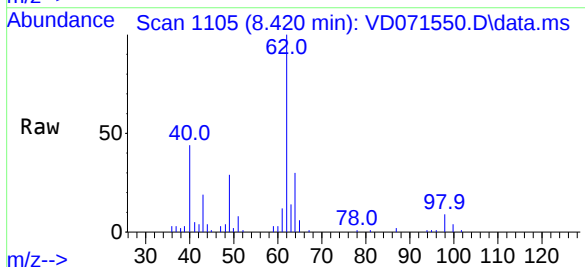
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

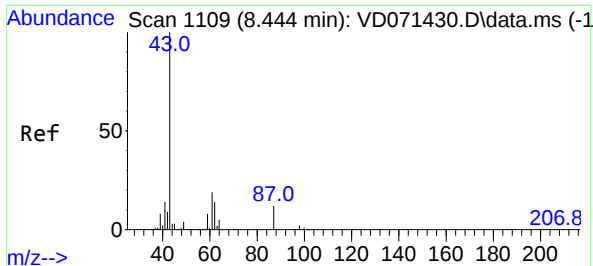
Tgt Ion:	41	Resp:	42713
Ion	Ratio	Lower	Upper
41	100		
39	56.5	60.2	90.4#
67	82.1	74.8	112.2
52	38.7	28.8	43.2



#42
1,2-Dichloroethane
Concen: 82.053 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:	62	Resp:	77378
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	21.8

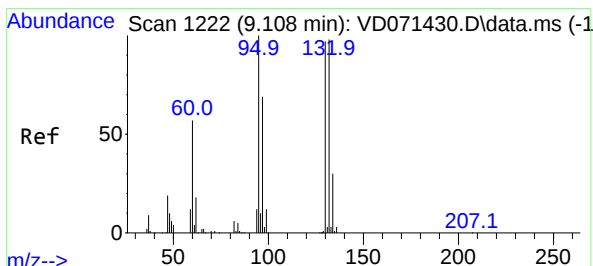
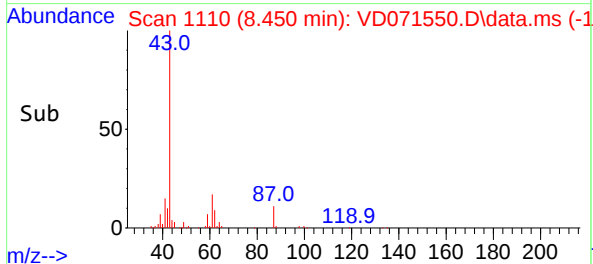
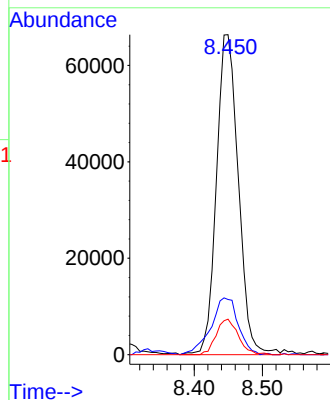
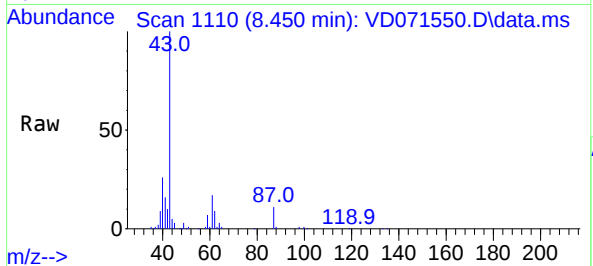




#43
Isopropyl Acetate
Concen: 150.639 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

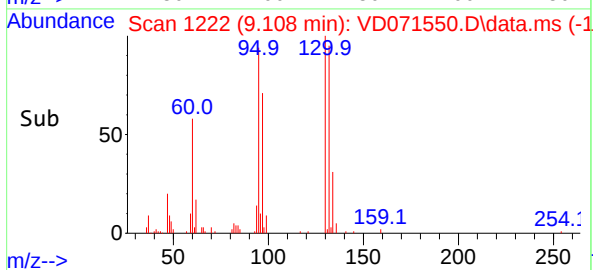
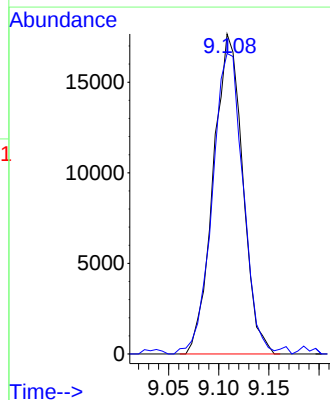
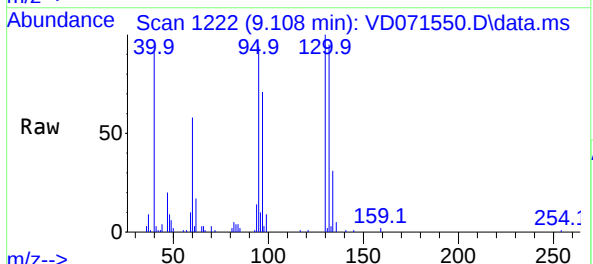
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

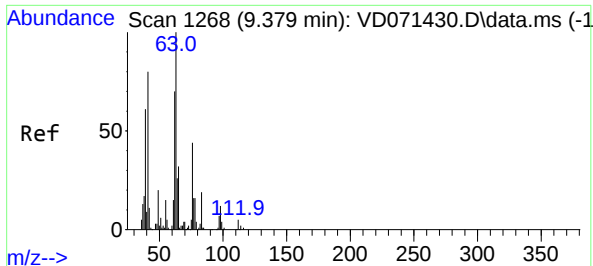
Tgt Ion: 43 Resp: 148469
Ion Ratio Lower Upper
43 100
61 22.3 28.2 42.4#
87 11.3 10.7 16.1



#44
Trichloroethene
Concen: 47.762 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:130 Resp: 35994
Ion Ratio Lower Upper
130 100
95 92.4 0.0 193.2





#45

1,2-Dichloropropane

Concen: 60.470 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

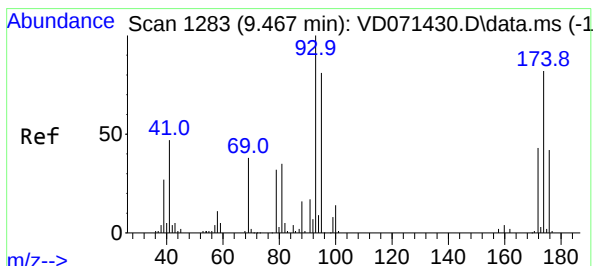
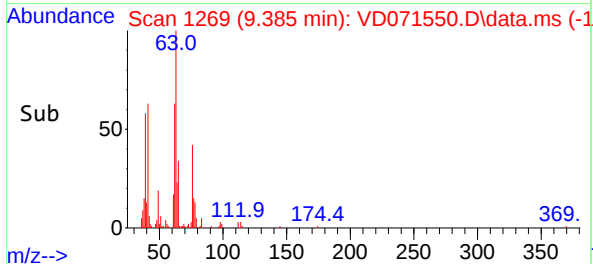
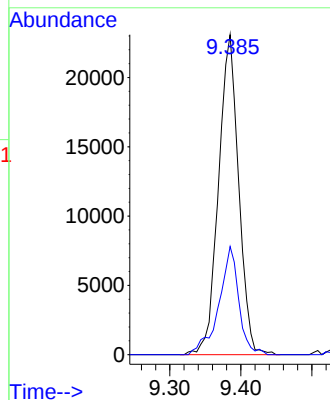
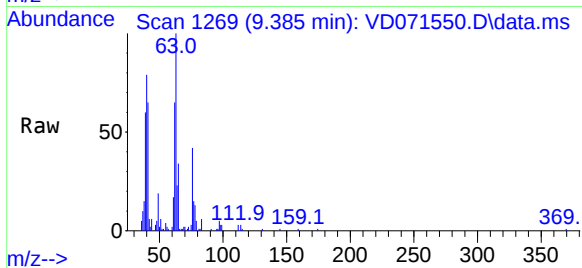
HB-2-(20-25)-12-17-21MSD

Tgt Ion: 63 Resp: 45378

Ion Ratio Lower Upper

63 100

65 33.8 24.2 36.2



#46

Dibromomethane

Concen: 89.311 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

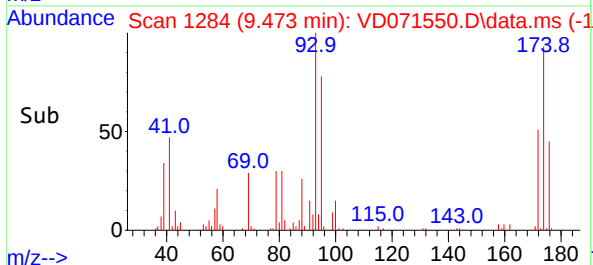
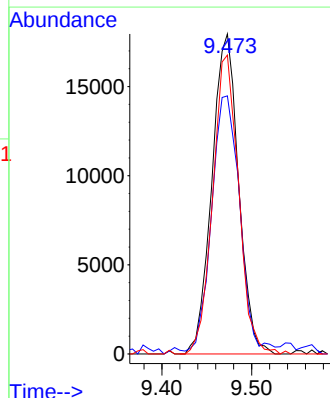
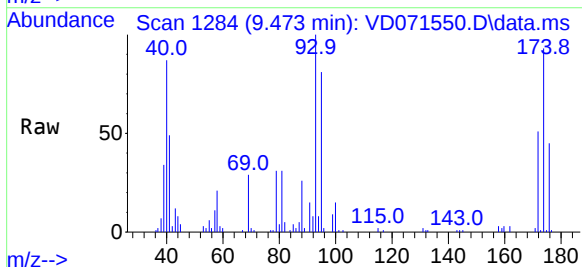
Tgt Ion: 93 Resp: 37027

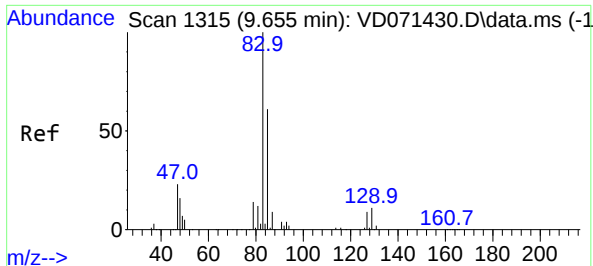
Ion Ratio Lower Upper

93 100

95 83.1 66.1 99.1

174 90.7 78.6 117.8





#47

Bromodichloromethane

Concen: 68.704 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

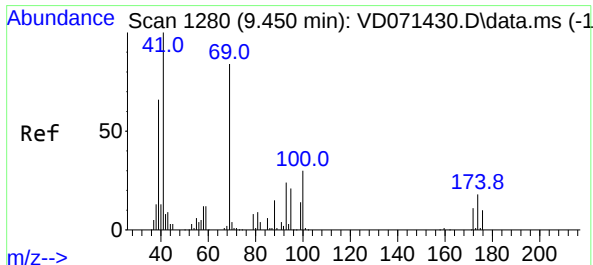
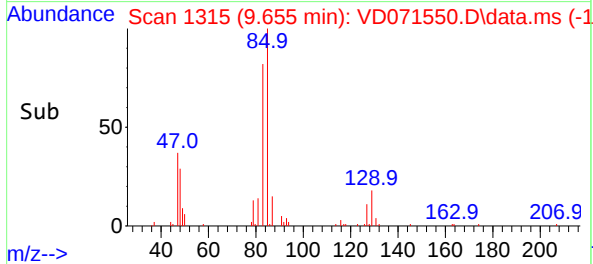
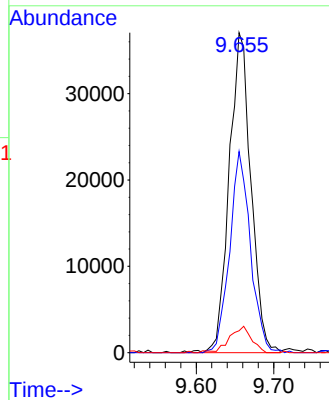
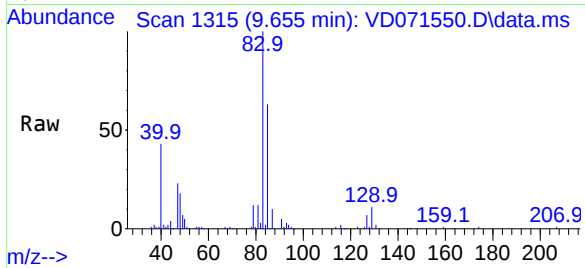
Tgt Ion: 83 Resp: 72317

Ion Ratio Lower Upper

83 100

85 62.9 50.0 75.0

127 6.9 7.3 10.9#



#48

Methyl methacrylate

Concen: 147.482 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

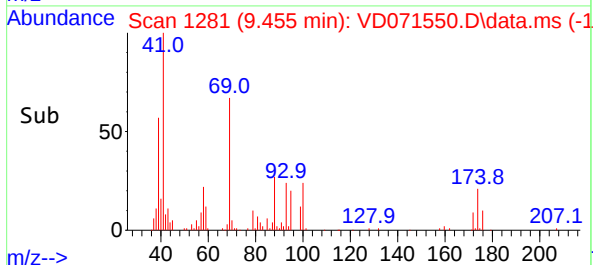
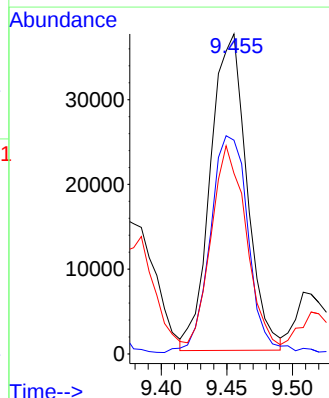
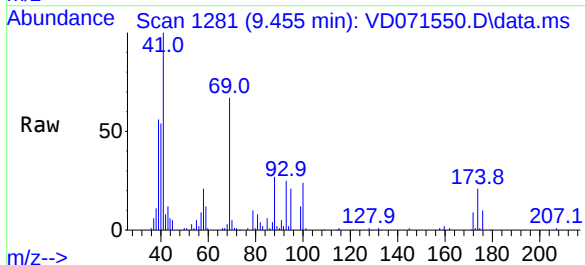
Tgt Ion: 41 Resp: 71930

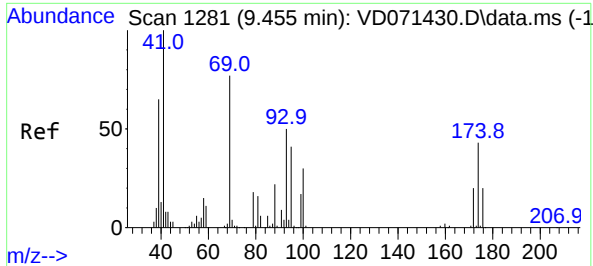
Ion Ratio Lower Upper

41 100

69 72.1 69.8 104.6

39 64.1 35.6 53.4#





#49

1,4-Dioxane

Concen: 5049.785 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

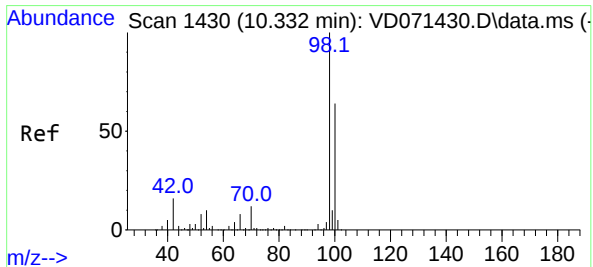
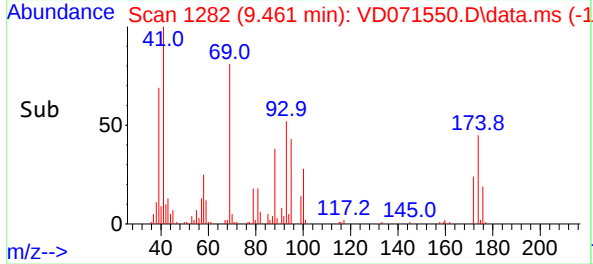
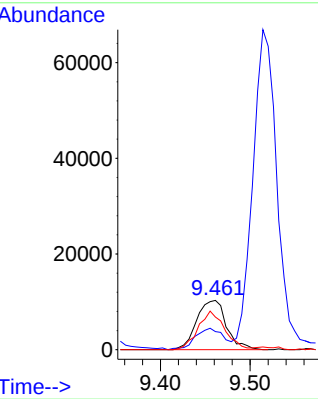
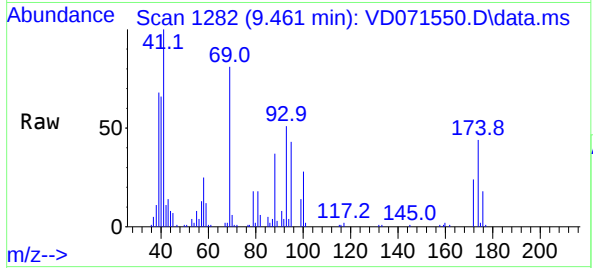
Tgt Ion: 88 Resp: 23658

Ion Ratio Lower Upper

88 100

43 41.5 28.9 43.3

58 70.8 56.3 84.5



#50

Toluene-d8

Concen: 47.649 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071550.D

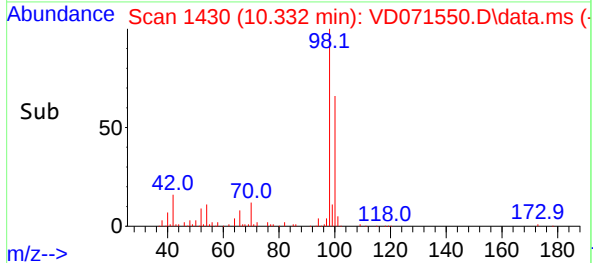
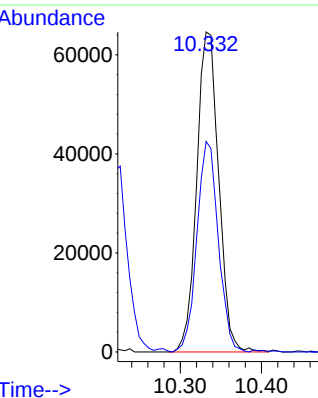
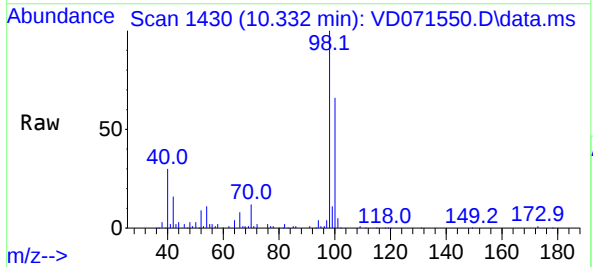
Acq: 30 Dec 2021 15:42

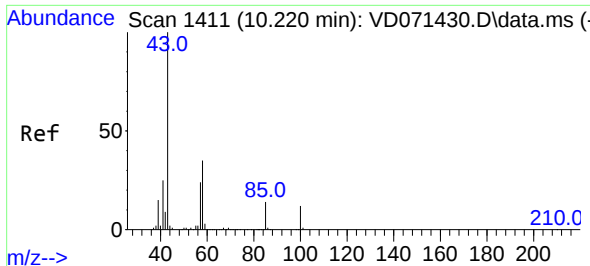
Tgt Ion: 98 Resp: 121247

Ion Ratio Lower Upper

98 100

100 64.1 51.8 77.6

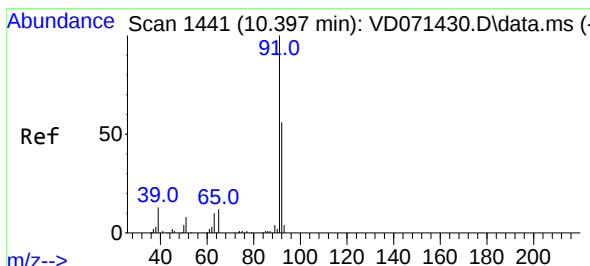
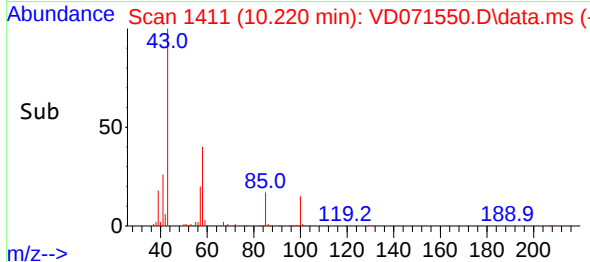
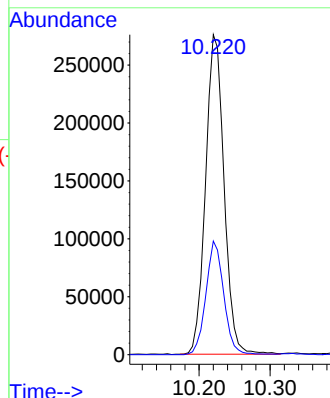
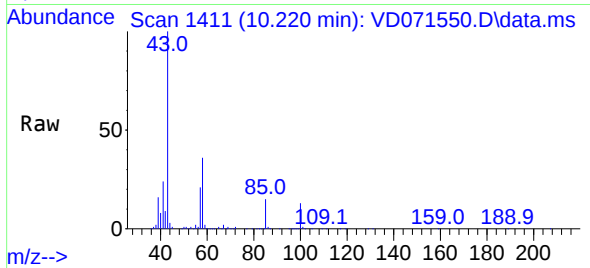




#51
4-Methyl-2-Pentanone
Concen: 965.623 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

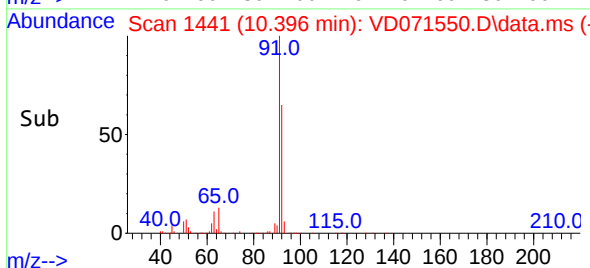
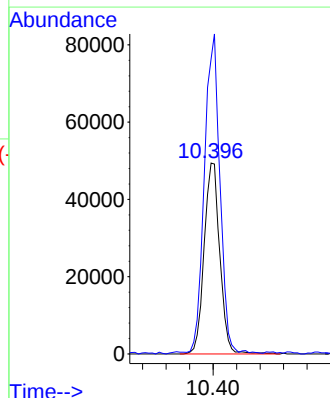
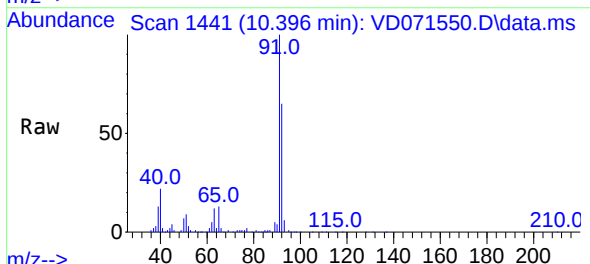
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

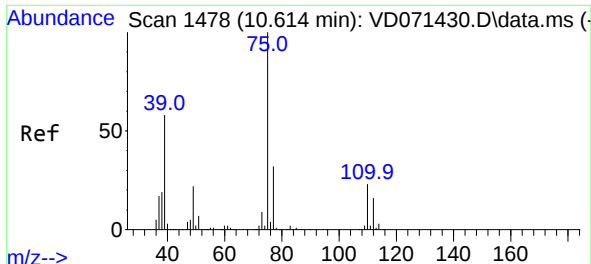
Tgt Ion: 43 Resp: 500705
Ion Ratio Lower Upper
43 100
58 34.4 33.1 49.7



#52
Toluene
Concen: 49.757 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 92 Resp: 91407
Ion Ratio Lower Upper
92 100
91 165.6 140.7 211.1

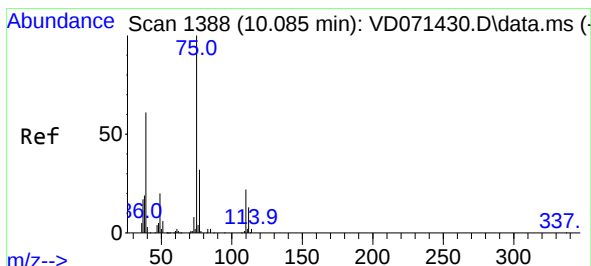
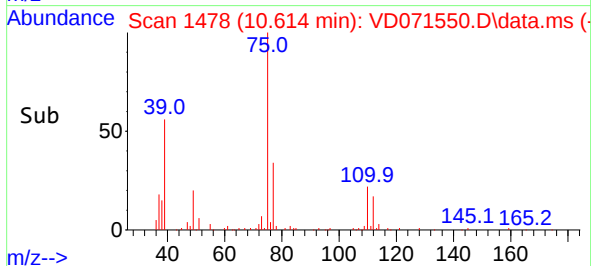
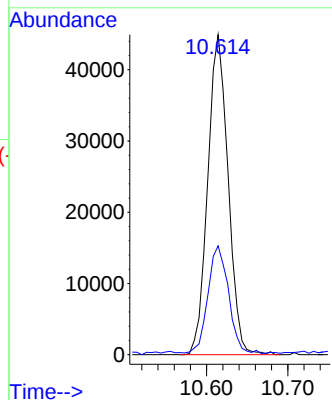
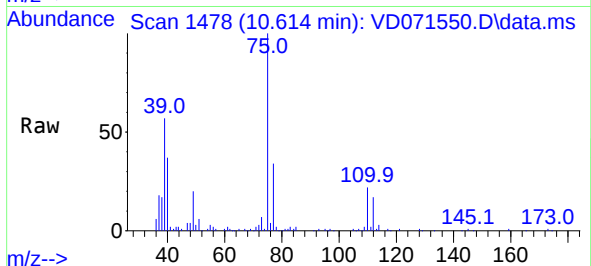




#53
 t-1,3-Dichloropropene
 Concen: 79.640 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071550.D
 Acq: 30 Dec 2021 15:42

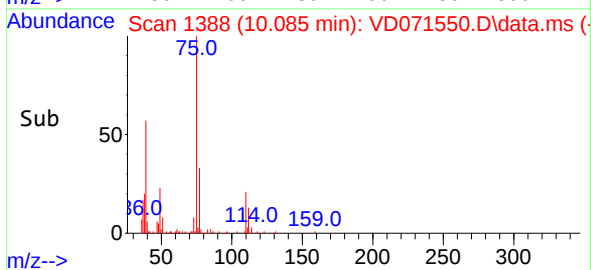
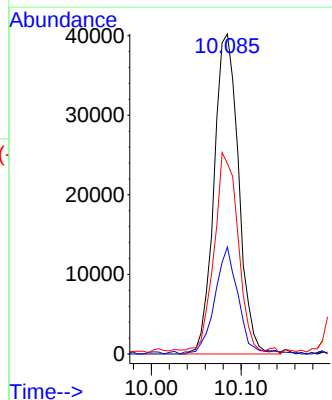
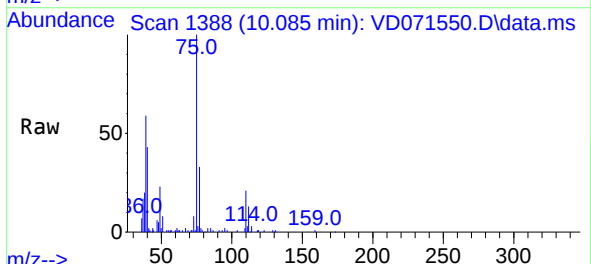
Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

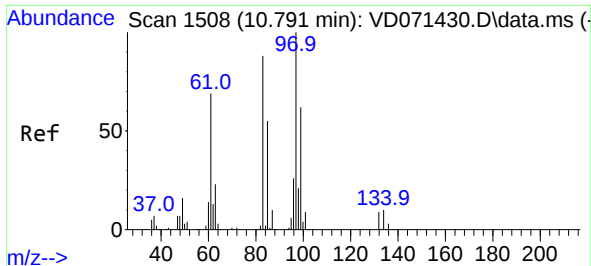
Tgt Ion: 75 Resp: 78279
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 67.418 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071550.D
 Acq: 30 Dec 2021 15:42

Tgt Ion: 75 Resp: 76574
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.0 37.6
 39 59.5 31.6 47.4#

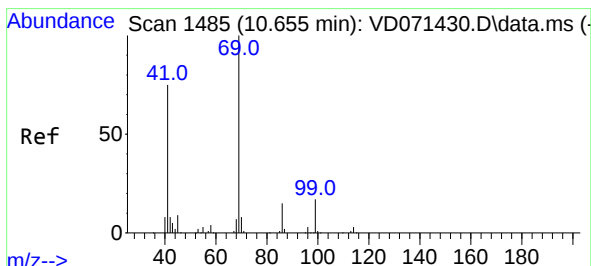
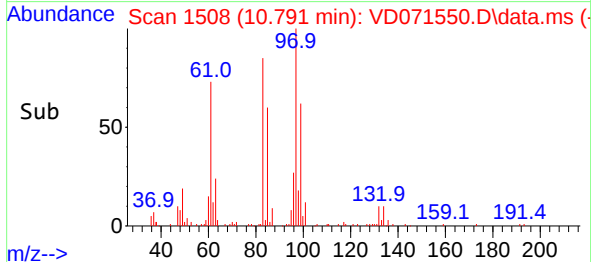
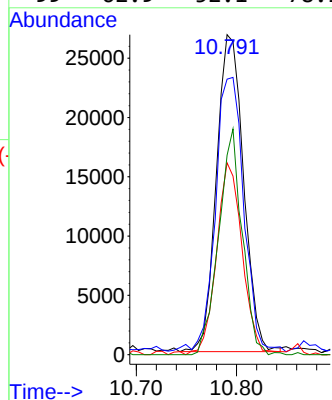
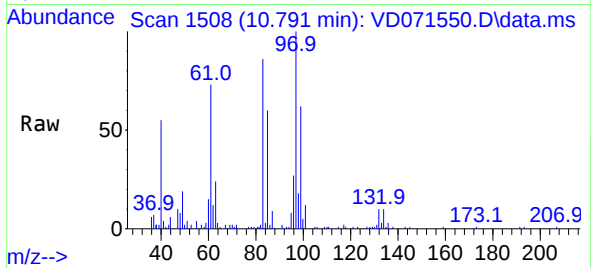




#55
1,1,2-Trichloroethane
Concen: 95.339 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

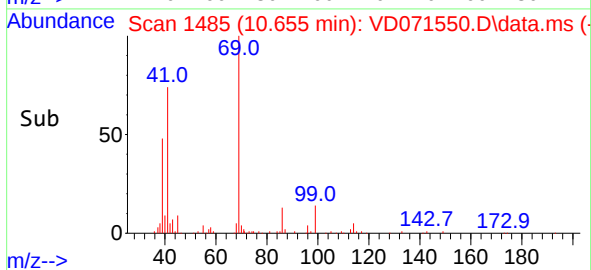
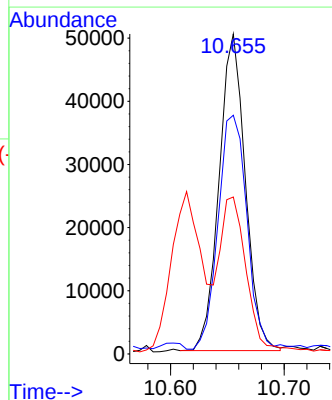
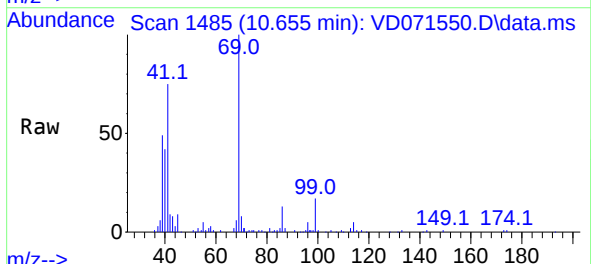
Instrument : MSVOA_D
ClientSampleId : HB-2-(20-25)-12-17-21MSD

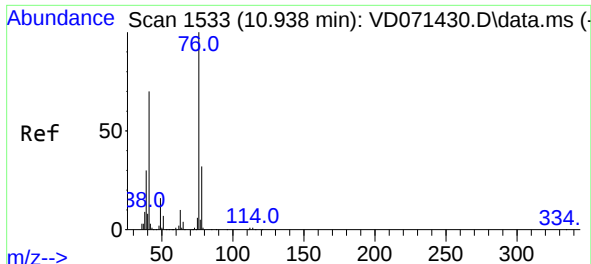
Tgt Ion:	97	Resp:	50171
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.2	97.8
85	59.6	43.4	65.0
99	62.9	52.1	78.1



#56
Ethyl methacrylate
Concen: 116.311 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:	69	Resp:	80545
Ion	Ratio	Lower	Upper
69	100		
41	81.7	50.2	75.2#
39	47.6	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 92.566 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

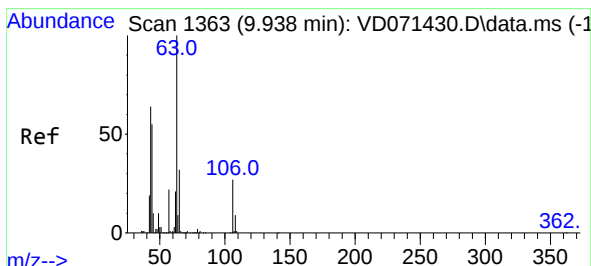
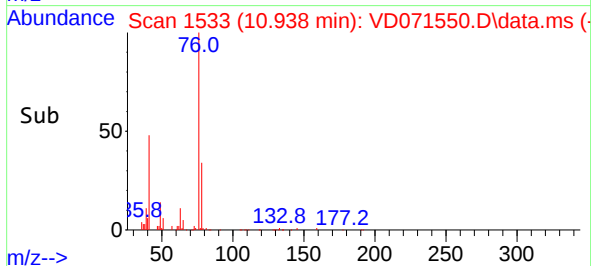
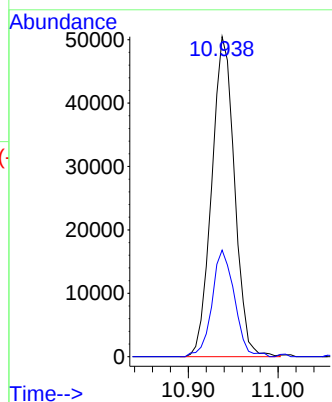
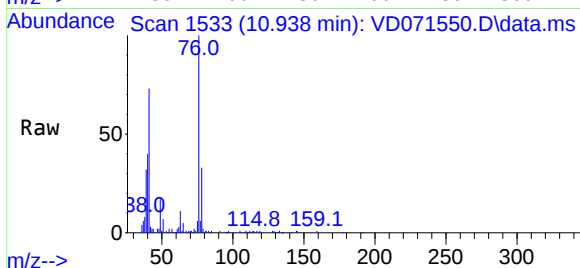
HB-2-(20-25)-12-17-21MSD

Tgt Ion: 76 Resp: 89226

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 589.633 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071550.D

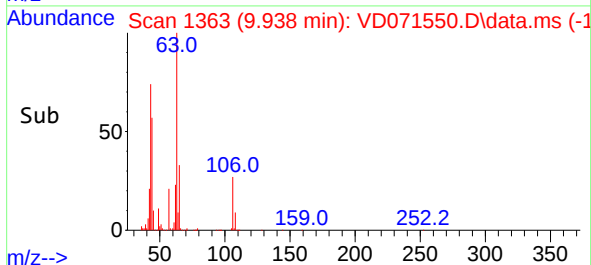
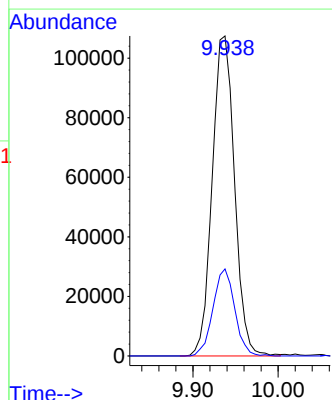
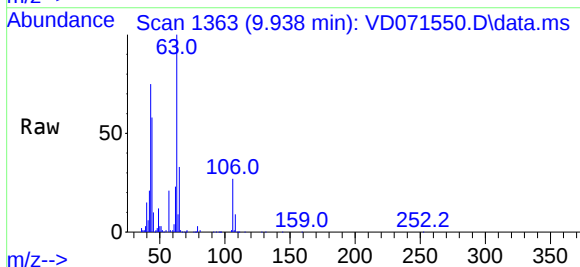
Acq: 30 Dec 2021 15:42

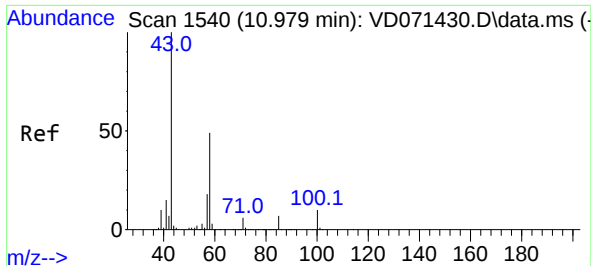
Tgt Ion: 63 Resp: 195591

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4

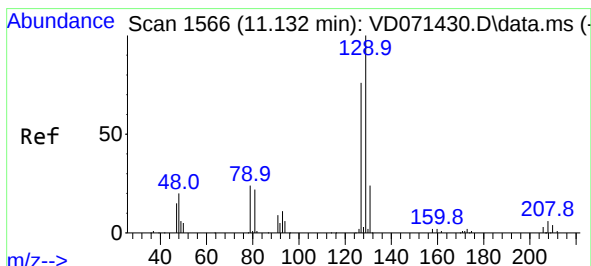
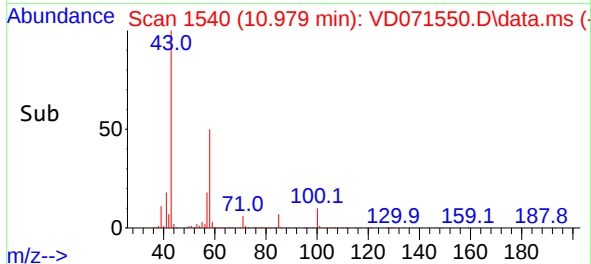
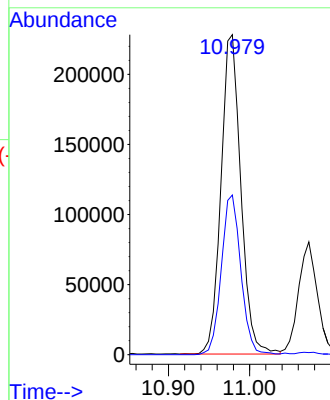
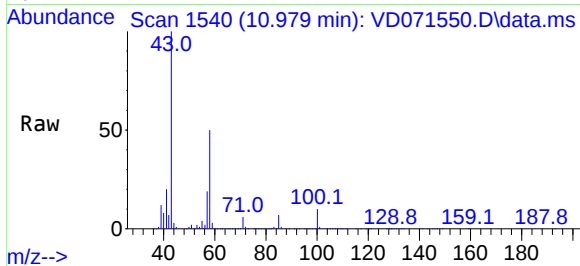




#59
2-Hexanone
Concen: 1058.400 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

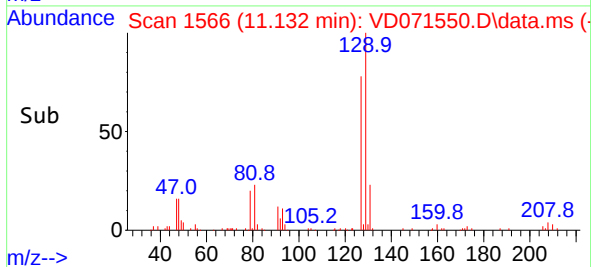
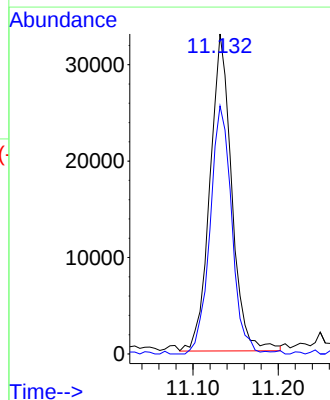
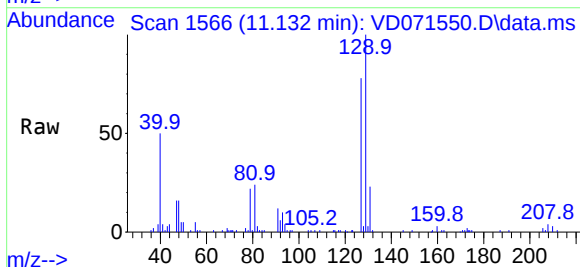
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

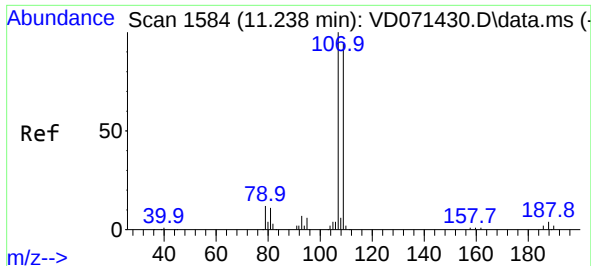
Tgt Ion: 43 Resp: 387929
Ion Ratio Lower Upper
43 100
58 49.2 28.7 86.1



#60
Dibromochloromethane
Concen: 88.319 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 129 Resp: 58425
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

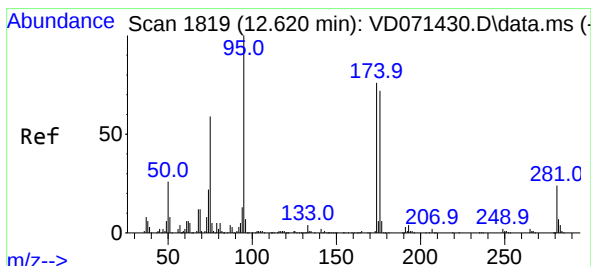
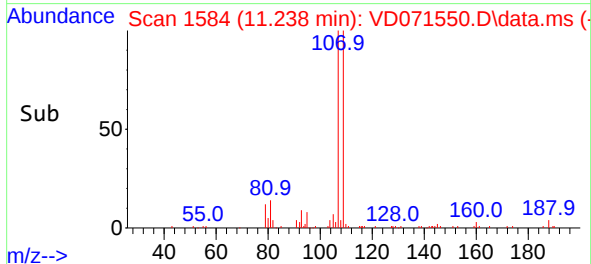
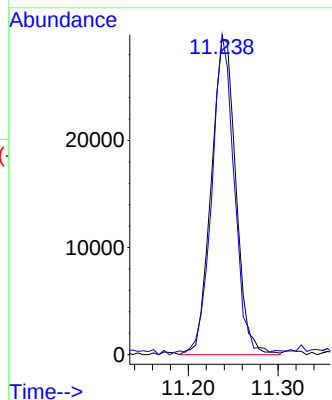
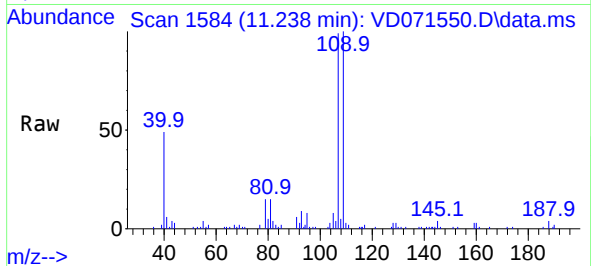




#61
1,2-Dibromoethane
Concen: 107.816 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

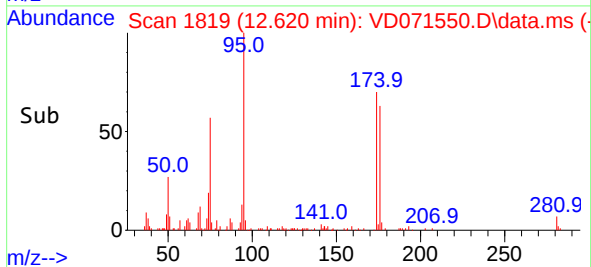
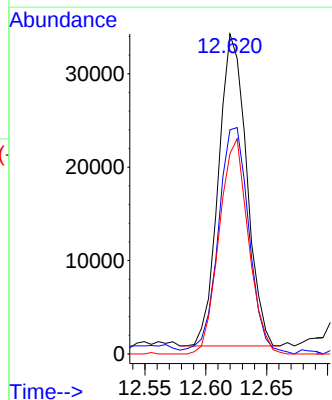
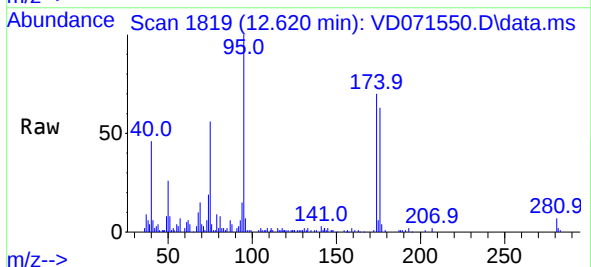
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

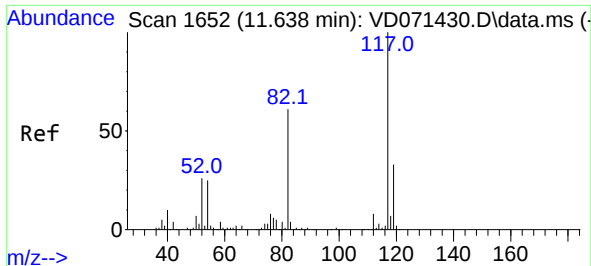
Tgt Ion:107 Resp: 56196
Ion Ratio Lower Upper
107 100
109 93.2 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 59.378 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 95 Resp: 53690
Ion Ratio Lower Upper
95 100
174 79.5 0.0 159.4
176 71.7 0.0 154.0

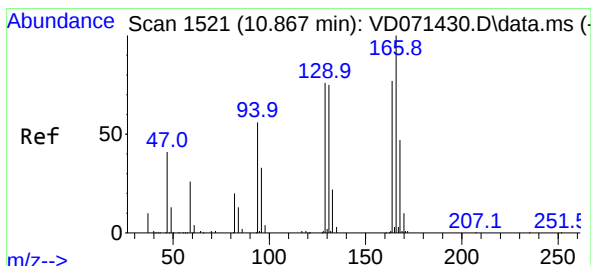
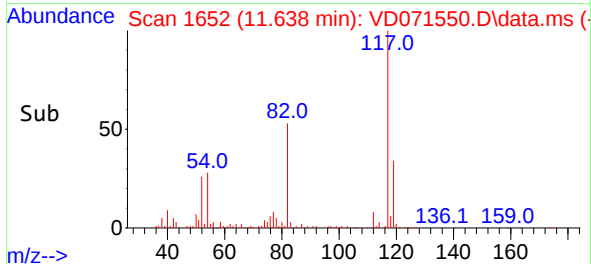
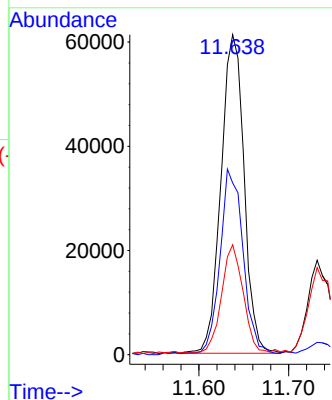
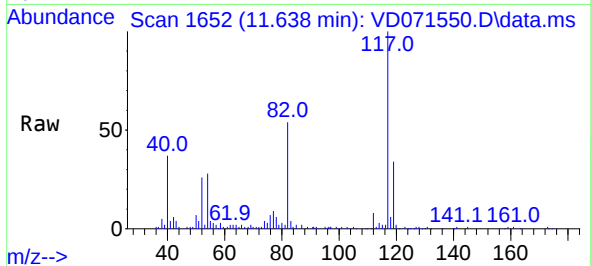




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

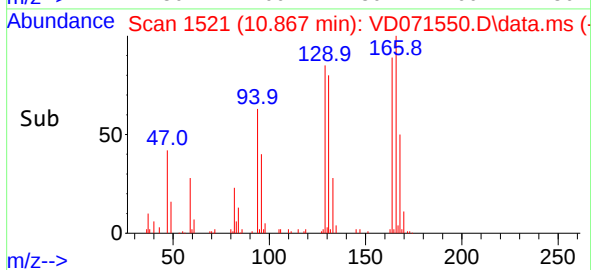
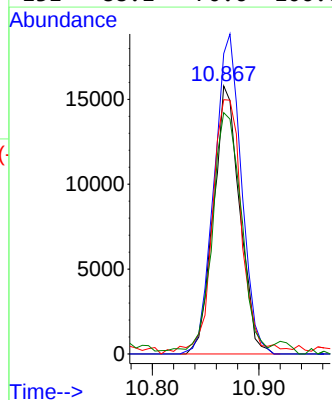
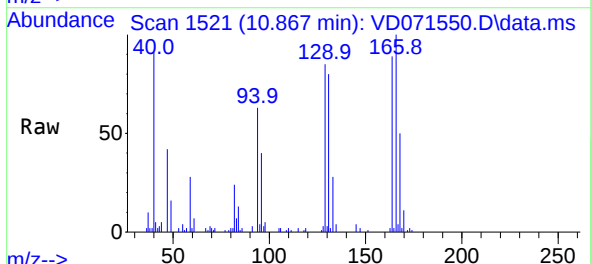
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

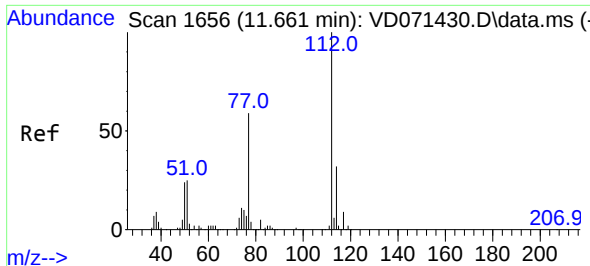
Tgt Ion:117 Resp: 109276
Ion Ratio Lower Upper
117 100
82 53.5 44.7 67.1
119 33.9 26.2 39.4



#64
Tetrachloroethene
Concen: 35.646 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:164 Resp: 27069
Ion Ratio Lower Upper
164 100
166 112.1 102.6 153.8
129 93.0 75.4 113.0
131 88.1 70.6 106.0

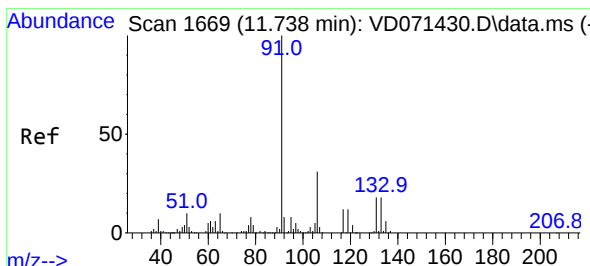
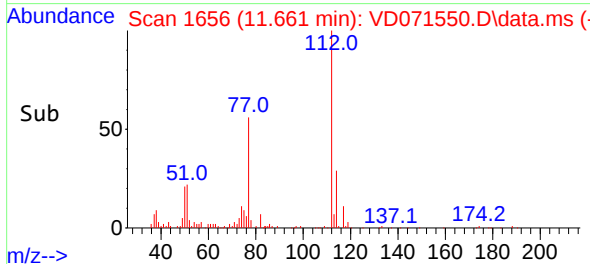
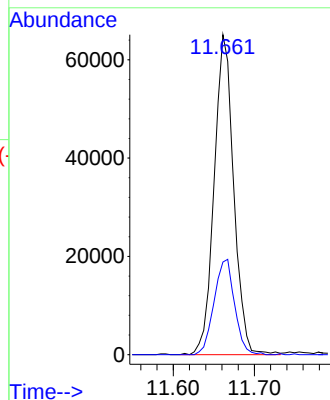
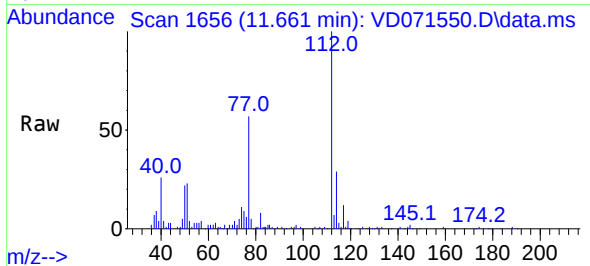




#65
Chlorobenzene
Concen: 48.628 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

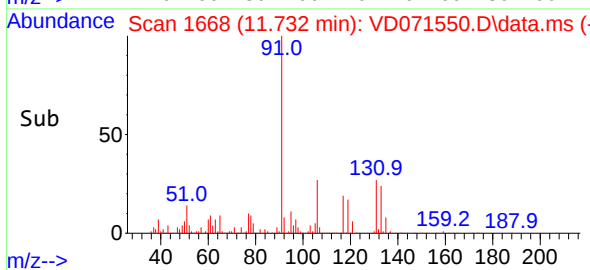
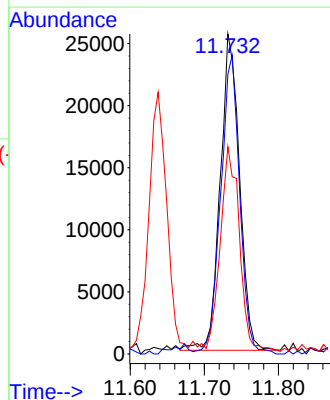
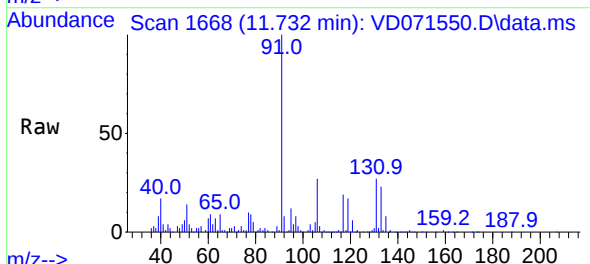
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

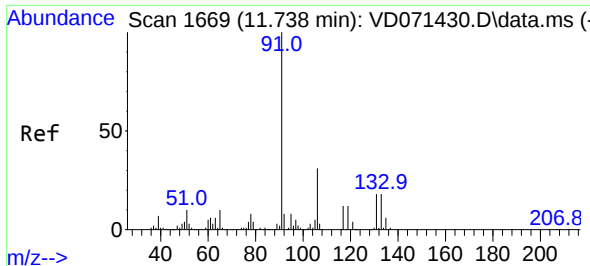
Tgt Ion:112 Resp: 109000
Ion Ratio Lower Upper
112 100
114 28.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.331 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:131 Resp: 46128
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.0
119 63.7 33.5 100.4

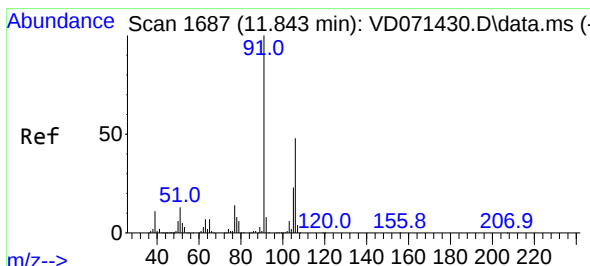
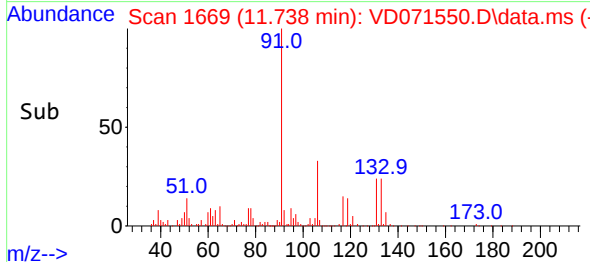
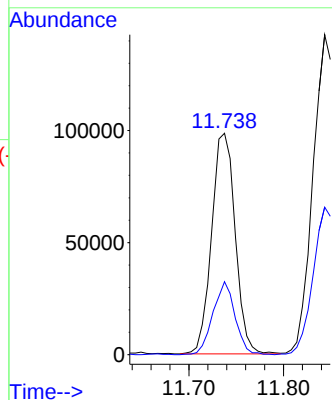
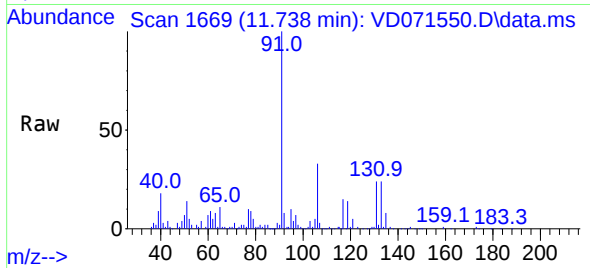




#67
Ethyl Benzene
Concen: 40.882 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

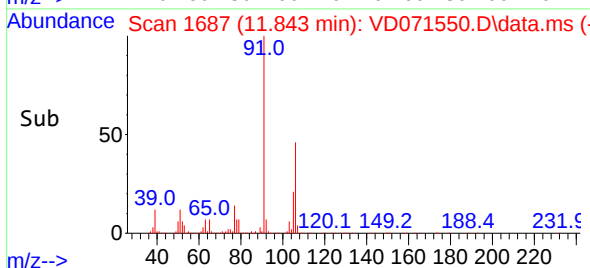
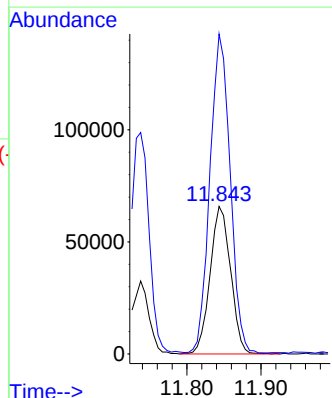
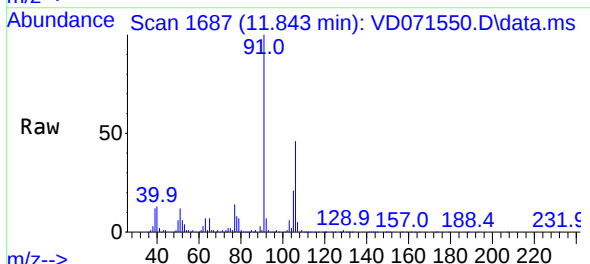
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

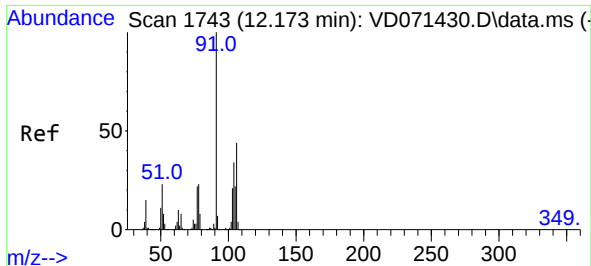
Tgt Ion: 91 Resp: 170542
Ion Ratio Lower Upper
91 100
106 33.1 24.6 36.8



#68
m/p-Xylenes
Concen: 79.933 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 106 Resp: 126683
Ion Ratio Lower Upper
106 100
91 212.8 160.1 240.1

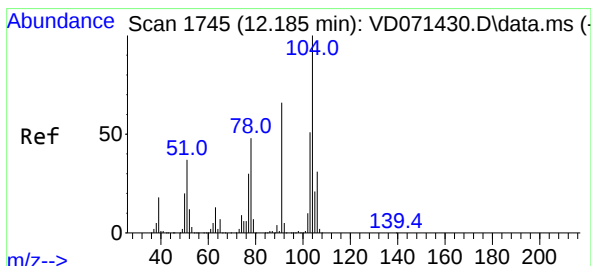
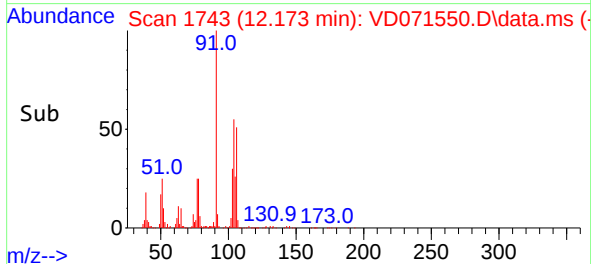
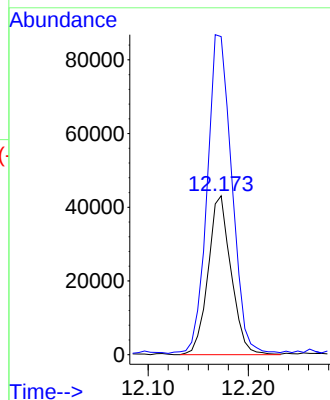
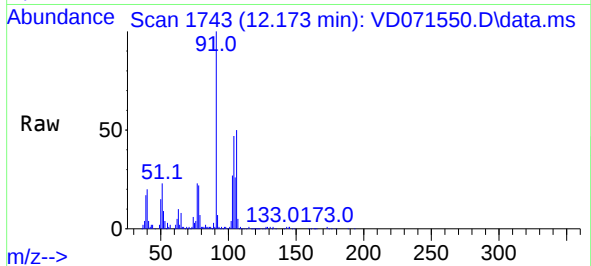




#69
o-Xylene
Concen: 47.334 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

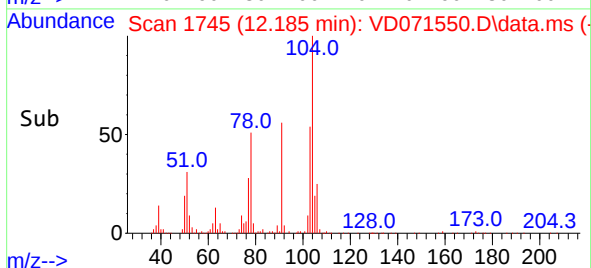
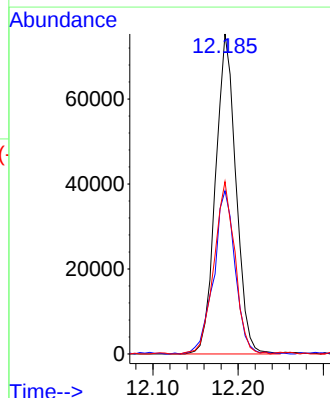
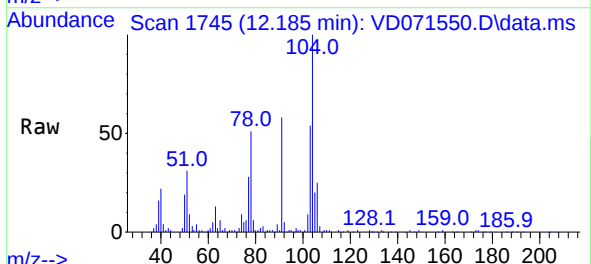
Instrument : MSVOA_D
ClientSampleId : HB-2-(20-25)-12-17-21MSD

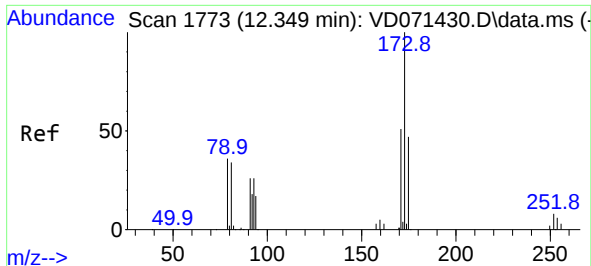
Tgt Ion:106 Resp: 68572
Ion Ratio Lower Upper
106 100
91 214.7 106.3 319.0



#70
Styrene
Concen: 49.815 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:104 Resp: 125367
Ion Ratio Lower Upper
104 100
78 53.7 39.4 59.0
103 55.5 43.4 65.0

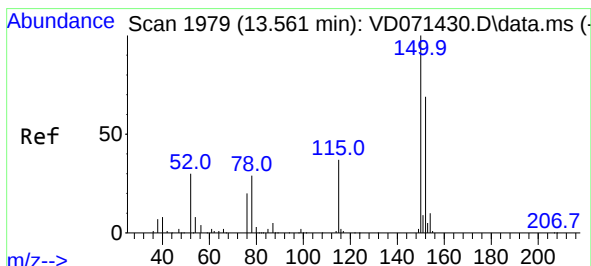
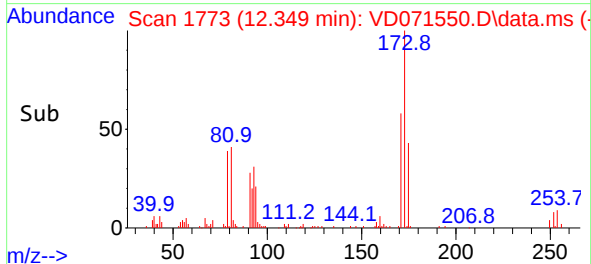
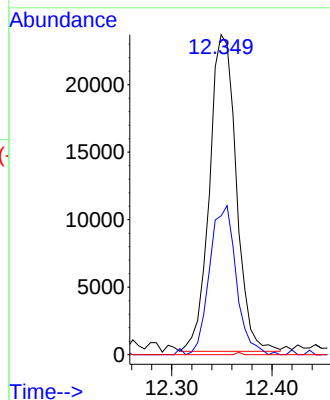
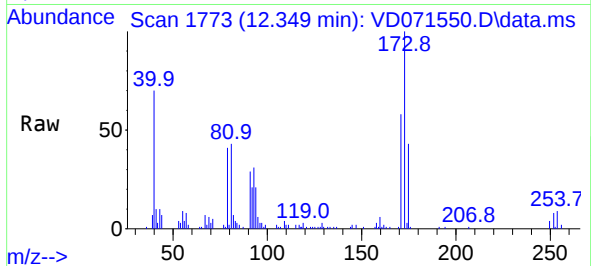




#71
Bromoform
Concen: 98.460 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

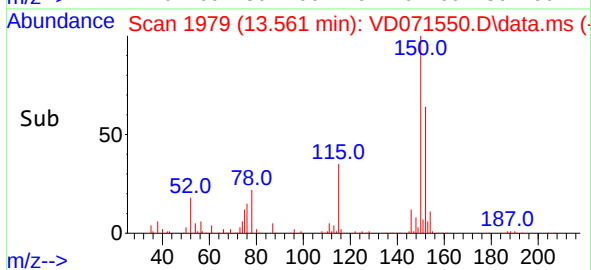
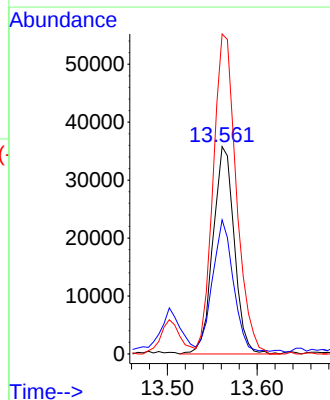
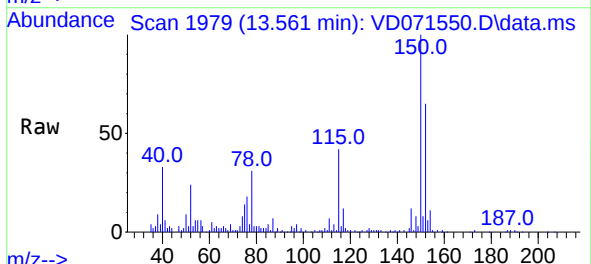
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

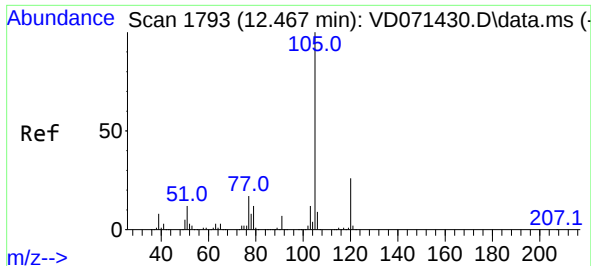
Tgt Ion:173 Resp: 43629
Ion Ratio Lower Upper
173 100
175 46.9 24.1 72.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:152 Resp: 58927
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 167.7 0.0 349.2

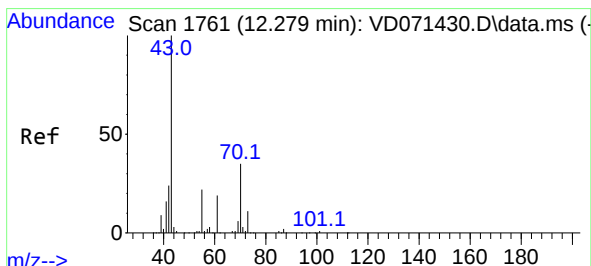
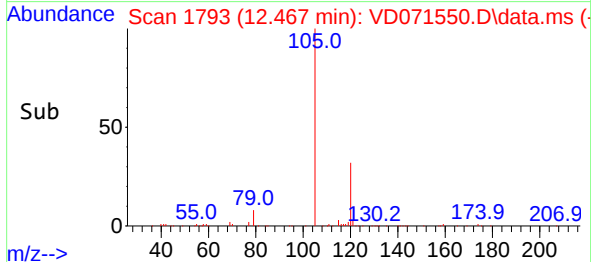
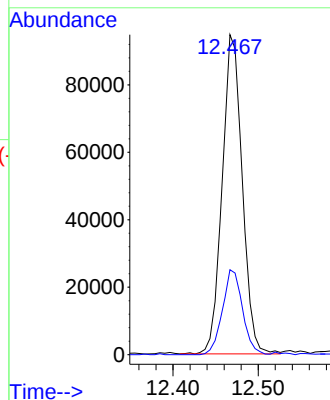
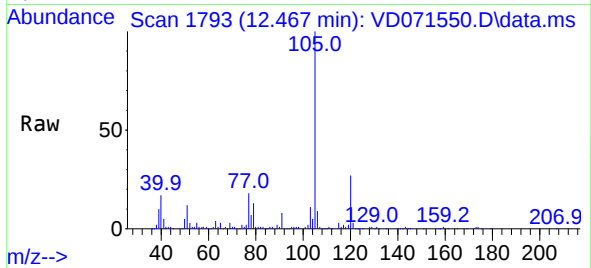




#73
Isopropylbenzene
Concen: 34.147 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

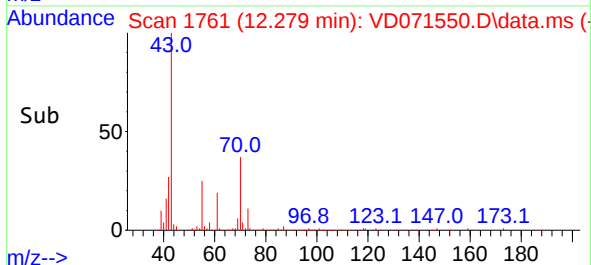
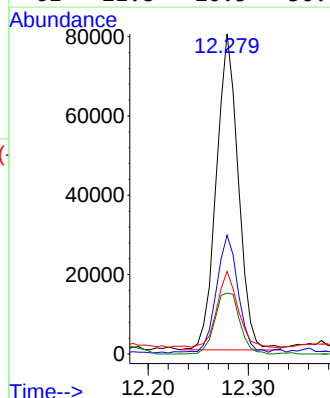
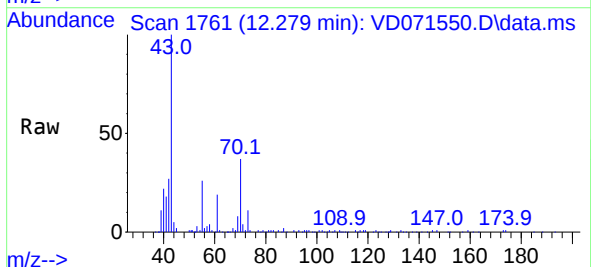
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

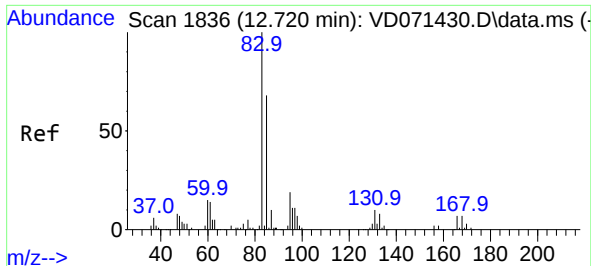
Tgt Ion:105 Resp: 155130
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 99.651 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 43 Resp: 121461
Ion Ratio Lower Upper
43 100
70 36.8 36.6 55.0
55 23.8 22.5 33.7
61 21.8 20.5 30.7

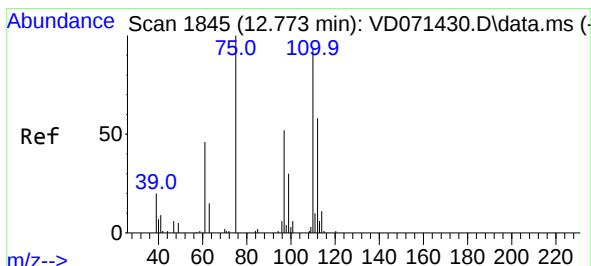
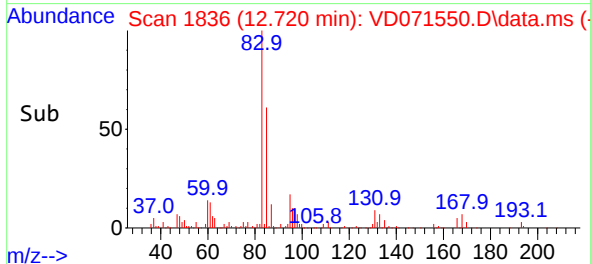
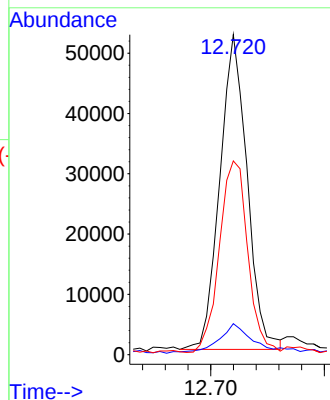
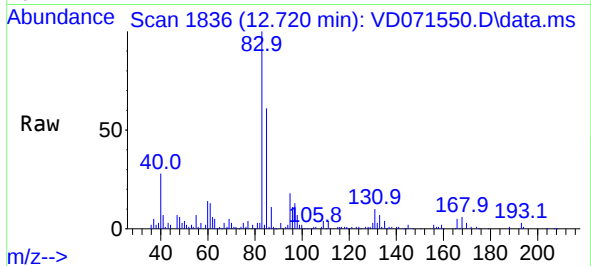




#75
1,1,2,2-Tetrachloroethane
Concen: 106.013 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

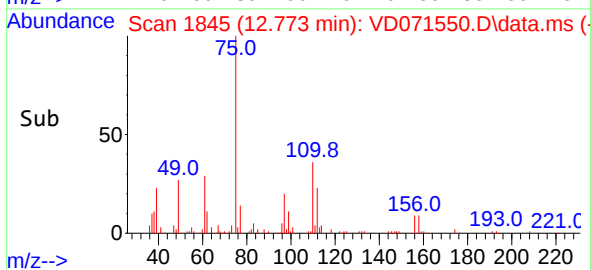
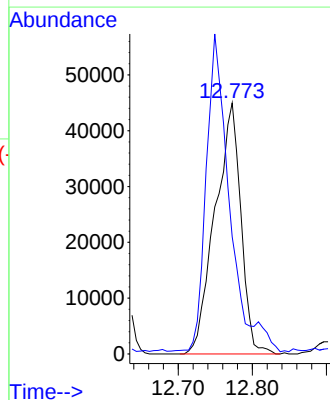
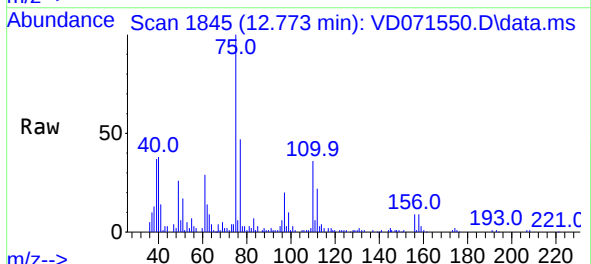
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

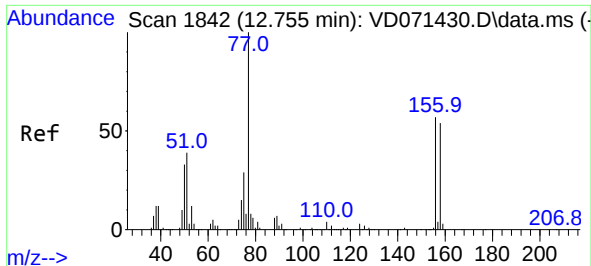
Tgt Ion: 83 Resp: 87074
Ion Ratio Lower Upper
83 100
131 12.8 4.9 14.7
85 63.3 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 155.169 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 75 Resp: 108643
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

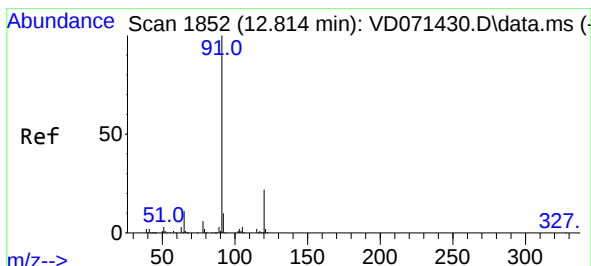
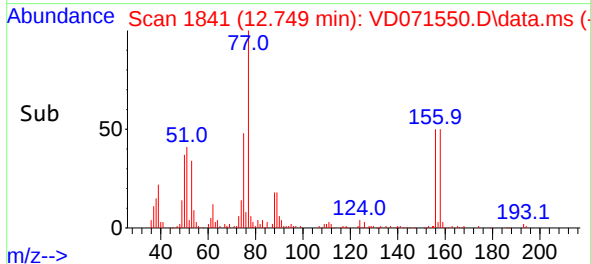
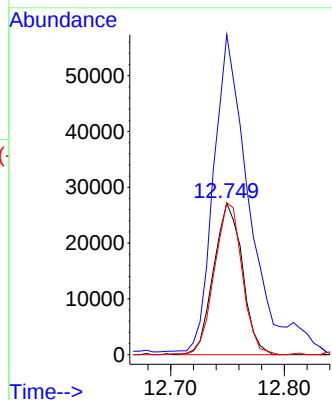
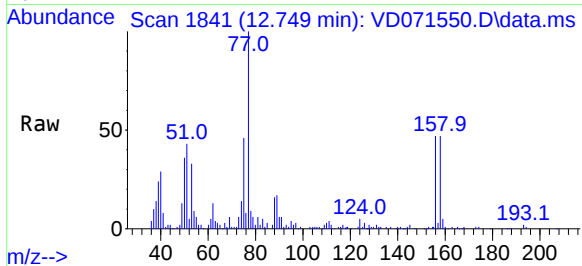




#77
Bromobenzene
Concen: 47.185 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

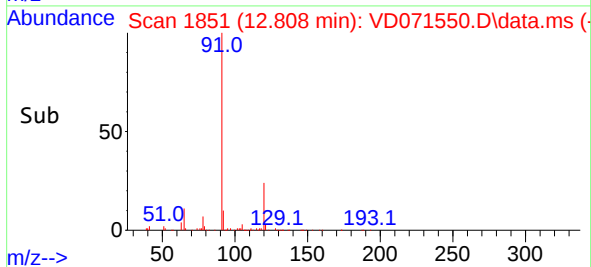
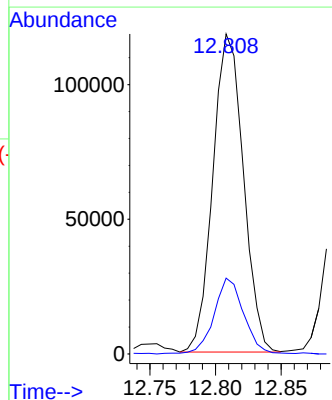
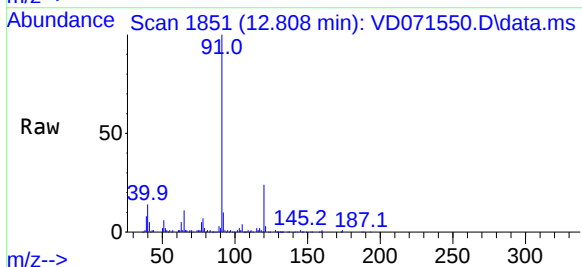
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

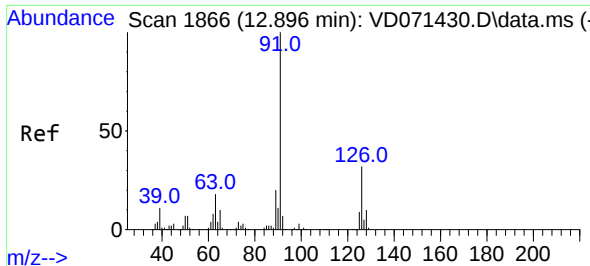
Tgt Ion:156 Resp: 47700
Ion Ratio Lower Upper
156 100
77 247.9 96.6 289.8
158 96.9 49.1 147.4



#78
n-propylbenzene
Concen: 33.565 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 91 Resp: 191135
Ion Ratio Lower Upper
91 100
120 23.2 10.9 32.9

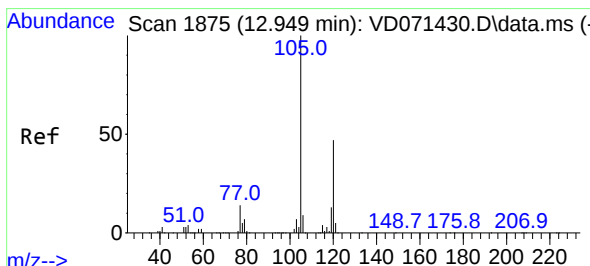
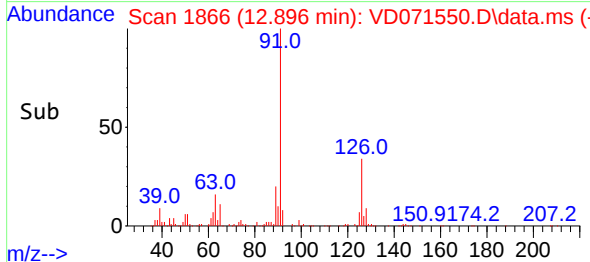
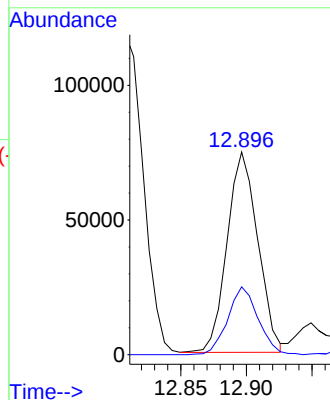
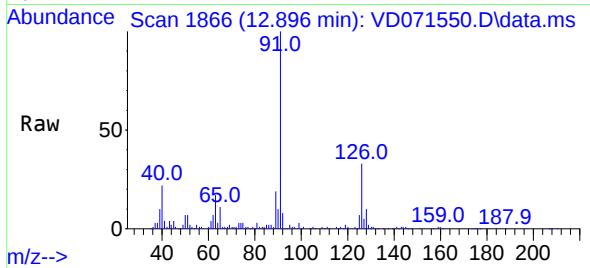




#79
2-Chlorotoluene
Concen: 38.098 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

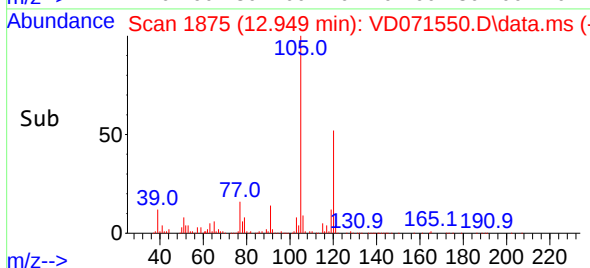
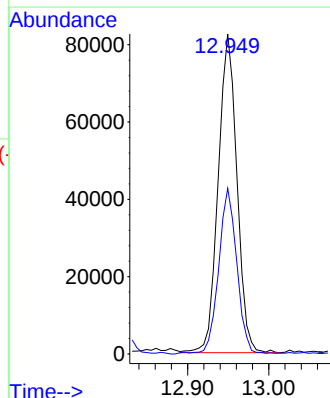
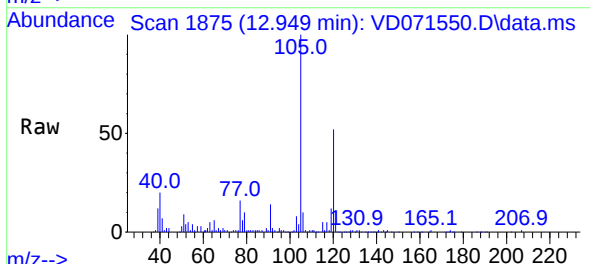
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

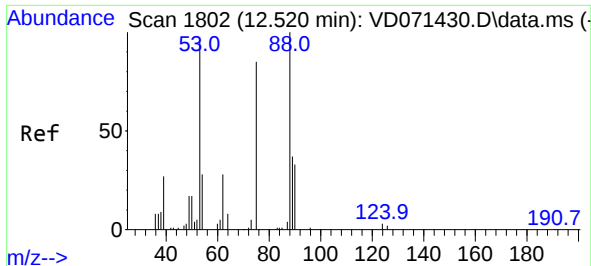
Tgt Ion: 91 Resp: 121241
Ion Ratio Lower Upper
91 100
126 33.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 35.315 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 105 Resp: 132332
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.8

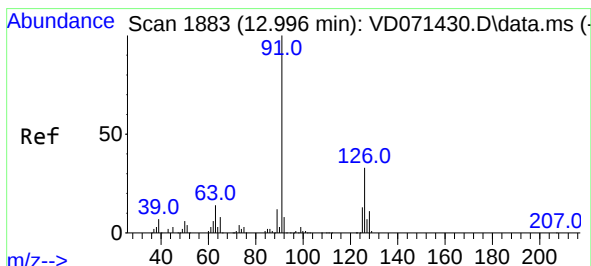
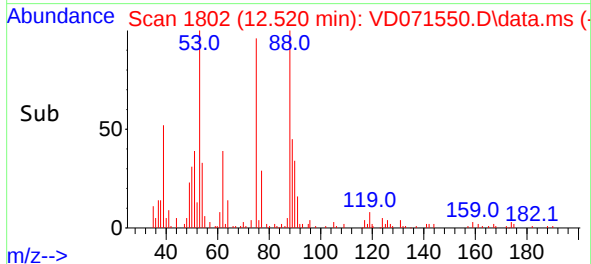
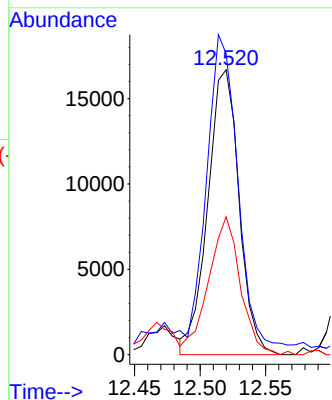
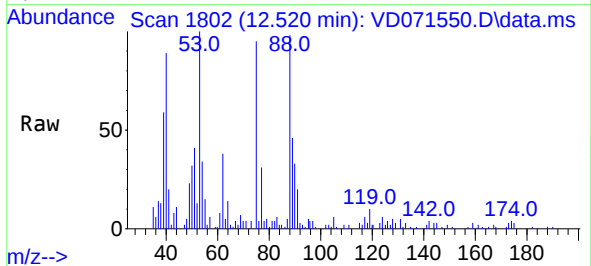




#81
trans-1,4-Dichloro-2-butene
Concen: 111.971 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

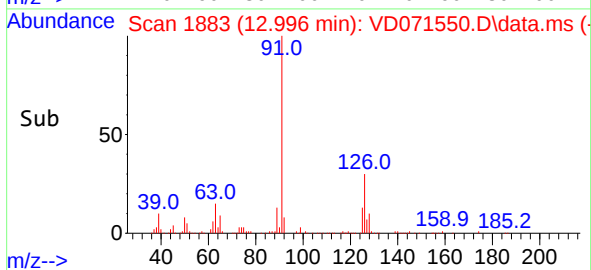
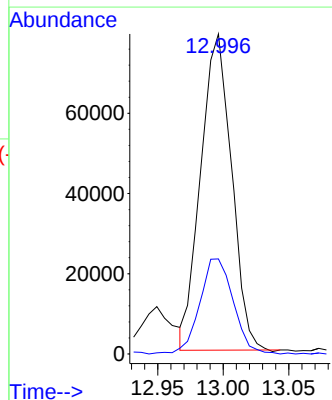
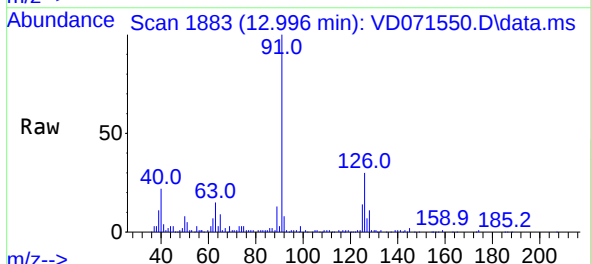
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

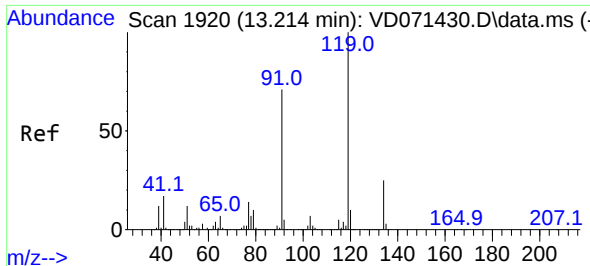
Tgt Ion: 75 Resp: 27746
Ion Ratio Lower Upper
75 100
53 110.5 62.6 94.0#
89 49.4 34.5 51.7



#82
4-Chlorotoluene
Concen: 39.086 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 91 Resp: 129023
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

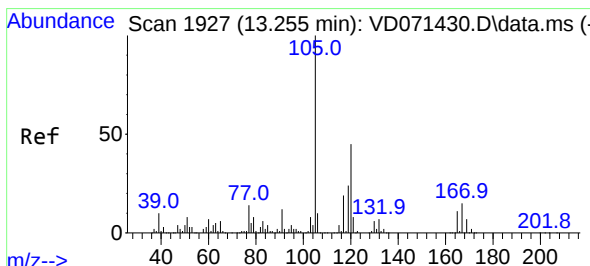
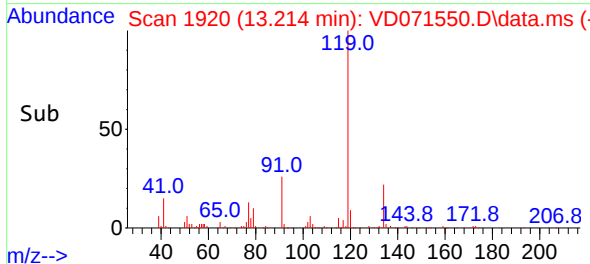
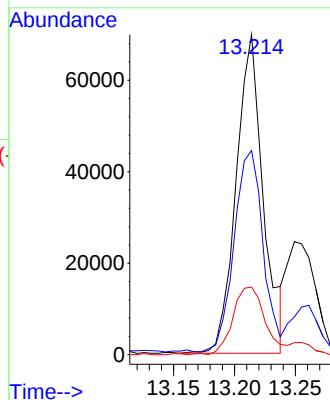
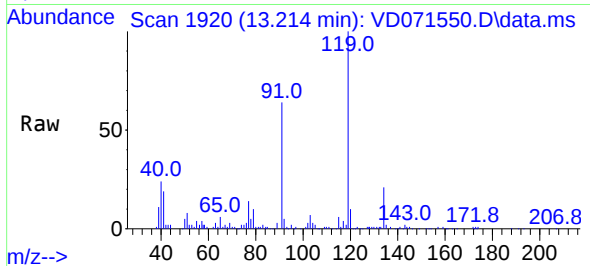




#83
tert-Butylbenzene
Concen: 33.672 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

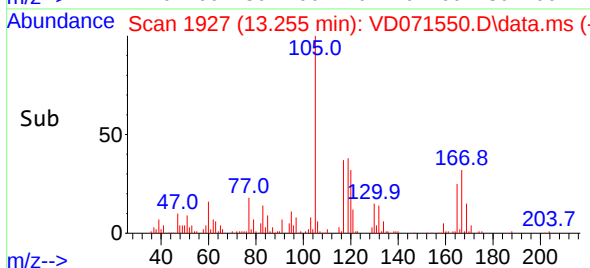
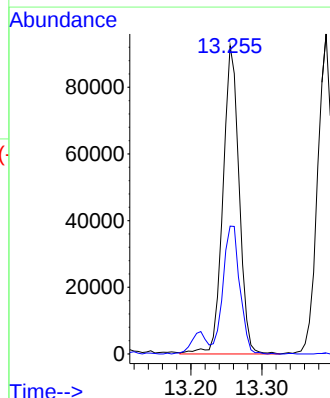
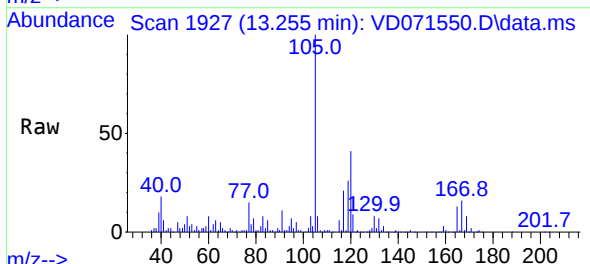
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

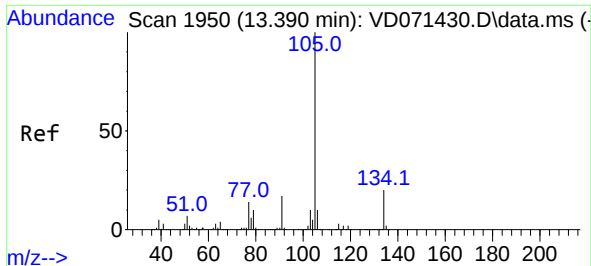
Tgt Ion:119 Resp: 107818
Ion Ratio Lower Upper
119 100
91 67.2 32.5 97.5
134 25.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 39.305 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:105 Resp: 145768
Ion Ratio Lower Upper
105 100
120 43.4 22.9 68.7

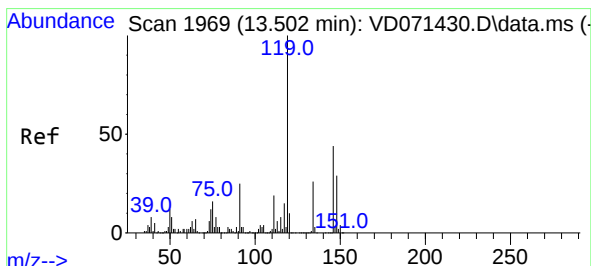
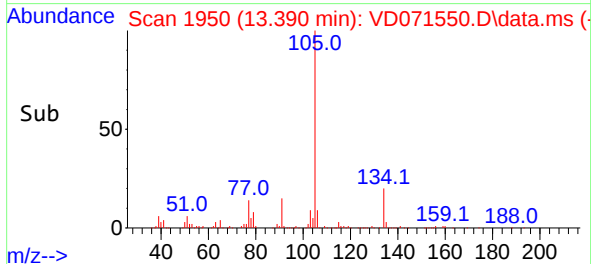
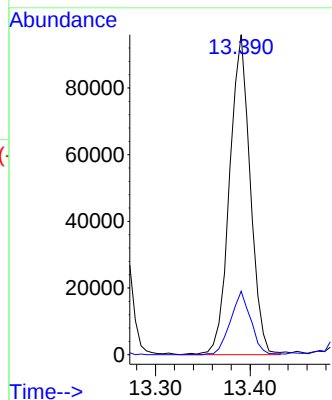
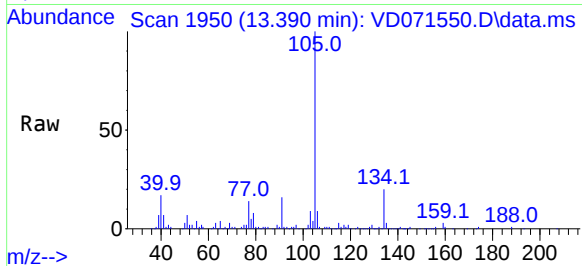




#85
 sec-Butylbenzene
 Concen: 29.704 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD071550.D
 Acq: 30 Dec 2021 15:42

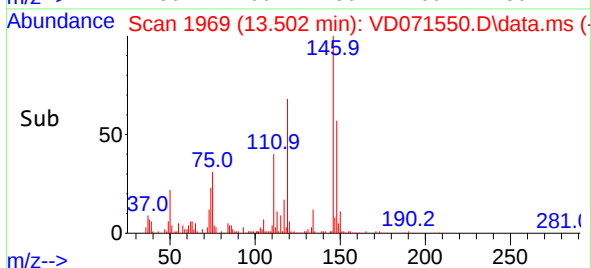
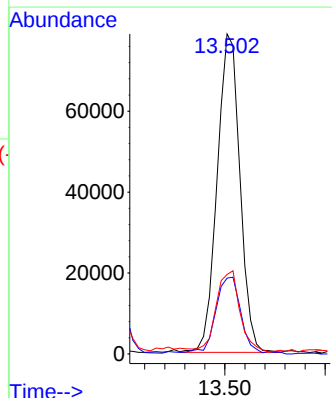
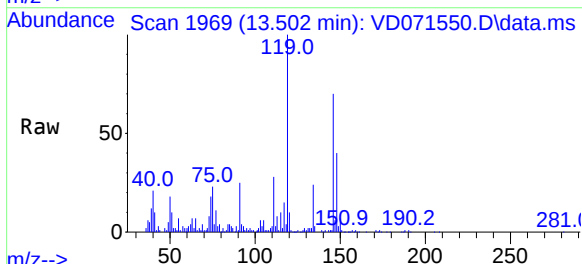
Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MSD

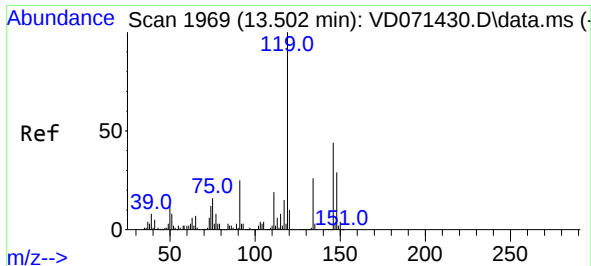
Tgt Ion:105 Resp: 145002
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 30.627 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071550.D
 Acq: 30 Dec 2021 15:42

Tgt Ion:119 Resp: 124052
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.0 38.9
 91 25.8 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 43.201 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

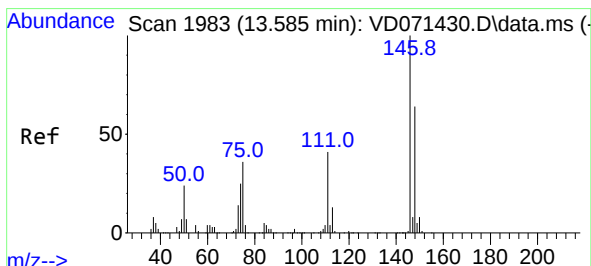
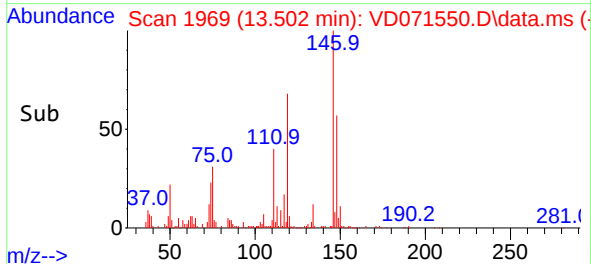
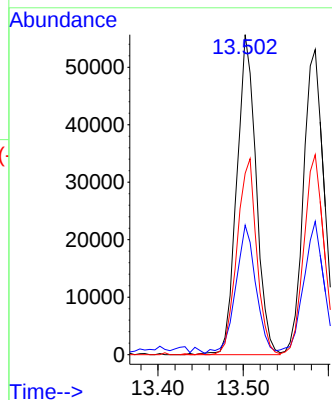
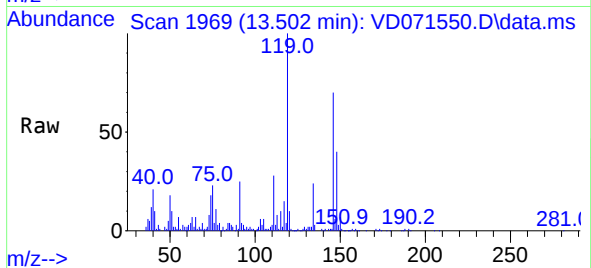
Tgt Ion:146 Resp: 87953

Ion Ratio Lower Upper

146 100

111 41.6 19.8 59.4

148 62.5 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 44.359 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

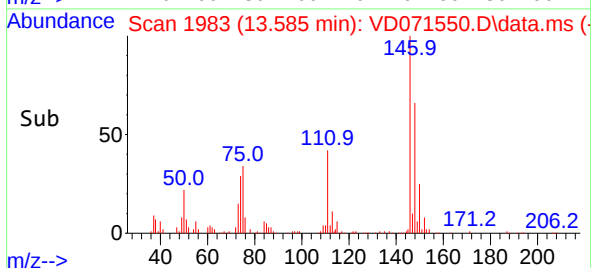
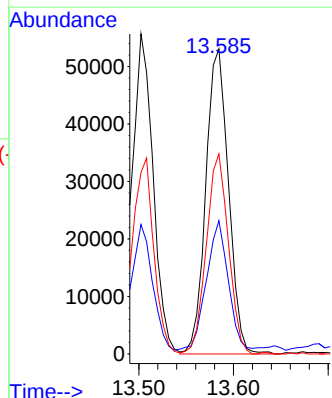
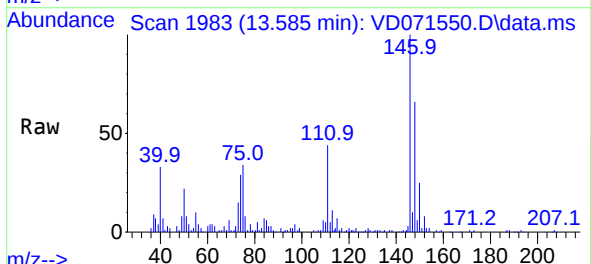
Tgt Ion:146 Resp: 88553

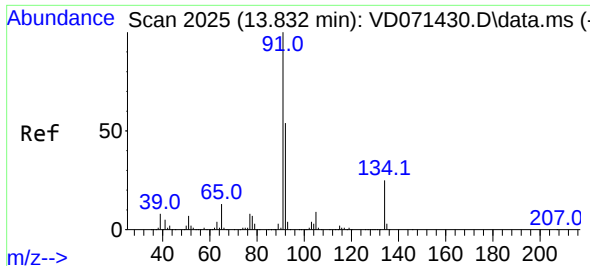
Ion Ratio Lower Upper

146 100

111 40.5 19.6 58.8

148 63.8 31.5 94.5



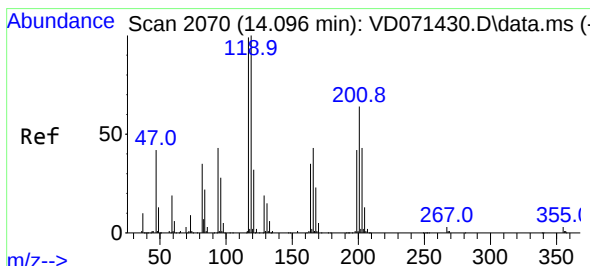
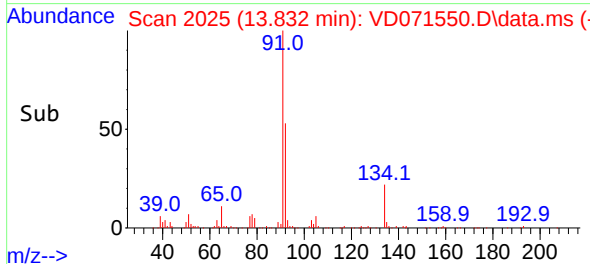
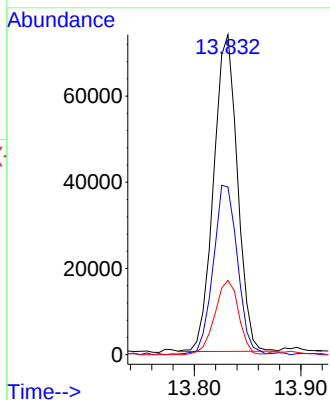
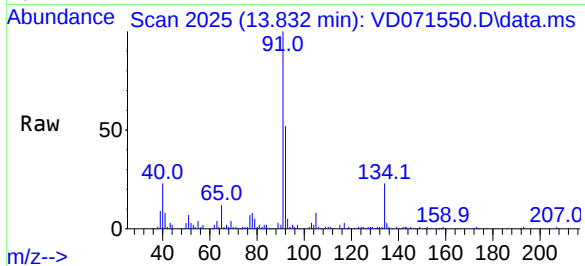


#89
n-Butylbenzene
Concen: 28.673 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Instrument : MSVOA_D
ClientSampleId : HB-2-(20-25)-12-17-21MSD

Tgt Ion: 91 Resp: 113987

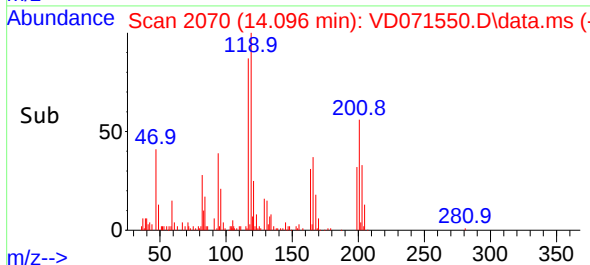
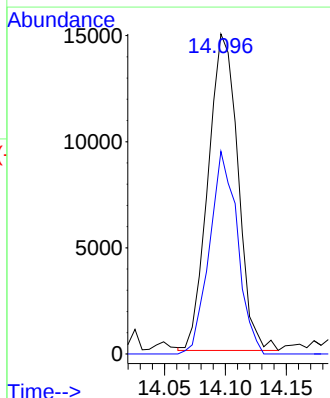
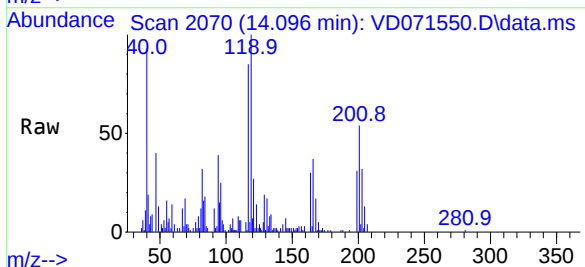
Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.9
134	23.6	12.3	36.9

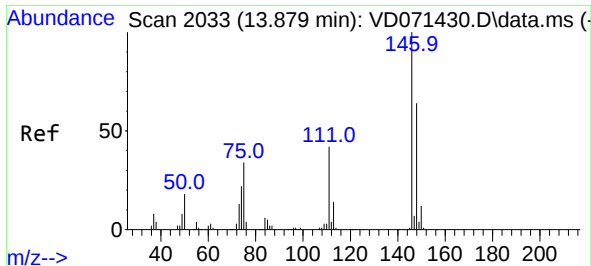


#90
Hexachloroethane
Concen: 33.123 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion: 117 Resp: 25415

Ion	Ratio	Lower	Upper
117	100		
201	59.9	36.0	108.1





#91

1,2-Dichlorobenzene

Concen: 50.624 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

Instrument :

MSVOA_D

ClientSampleId :

HB-2-(20-25)-12-17-21MSD

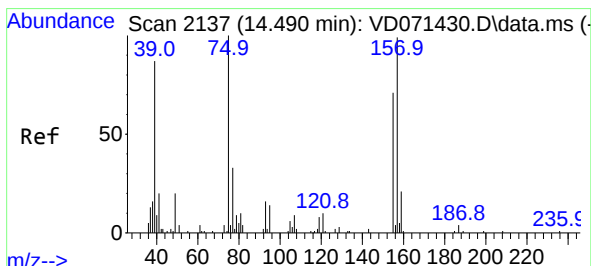
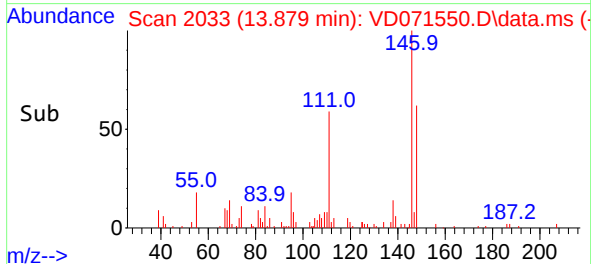
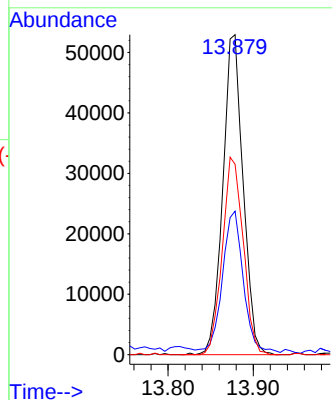
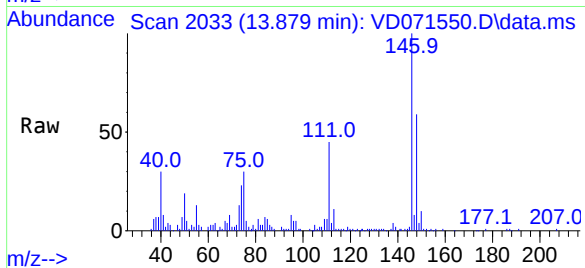
Tgt Ion:146 Resp: 87470

Ion Ratio Lower Upper

146 100

111 45.2 20.8 62.2

148 63.6 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 151.245 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD071550.D

Acq: 30 Dec 2021 15:42

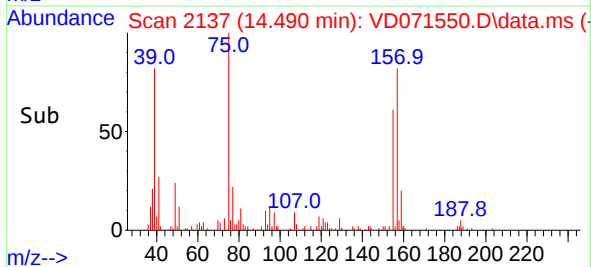
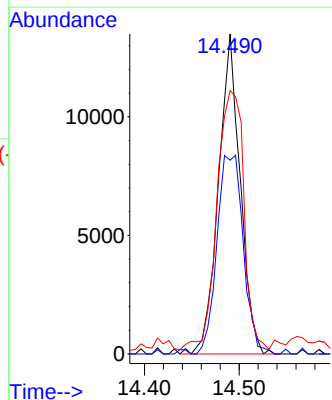
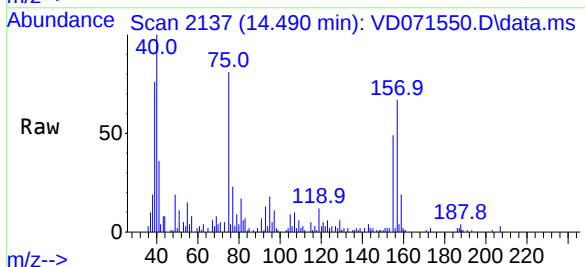
Tgt Ion: 75 Resp: 21543

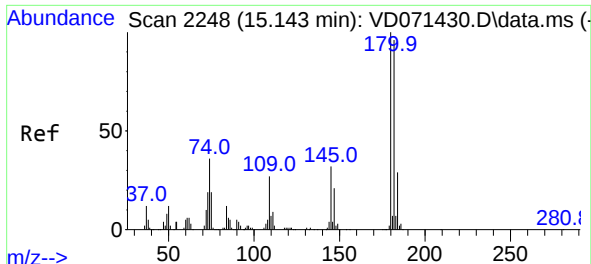
Ion Ratio Lower Upper

75 100

155 75.0 40.0 120.0

157 99.2 49.8 149.3

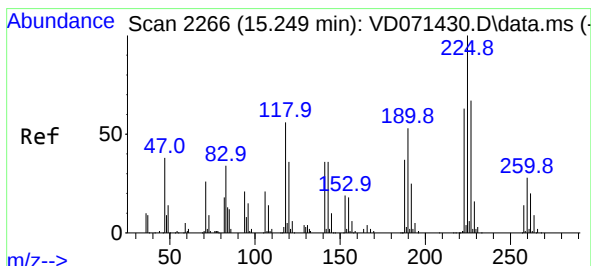
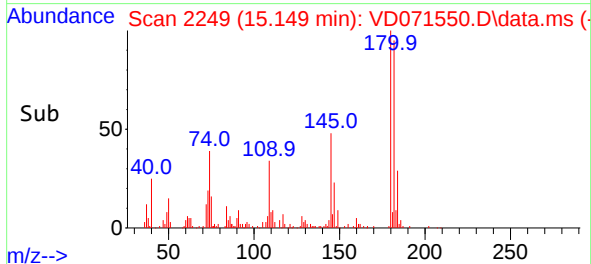
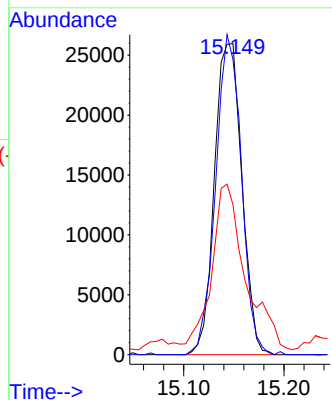
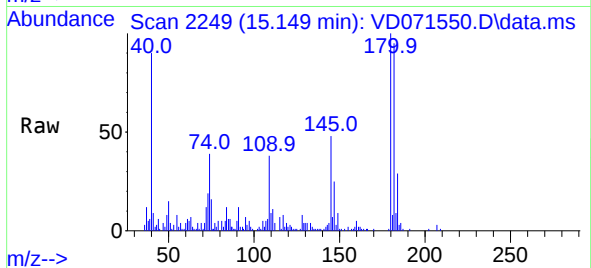




#93
1,2,4-Trichlorobenzene
Concen: 46.822 ug/l
RT: 15.149 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

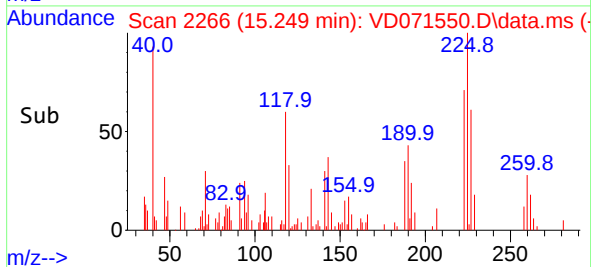
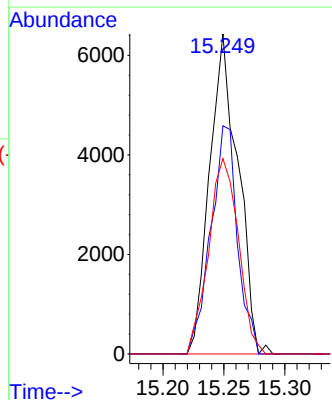
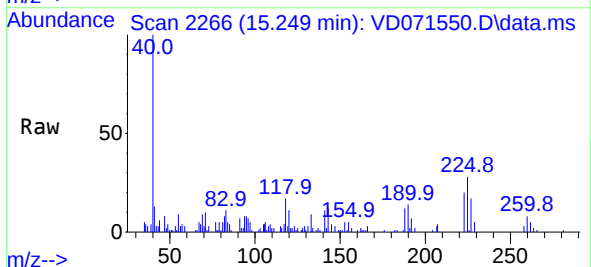
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

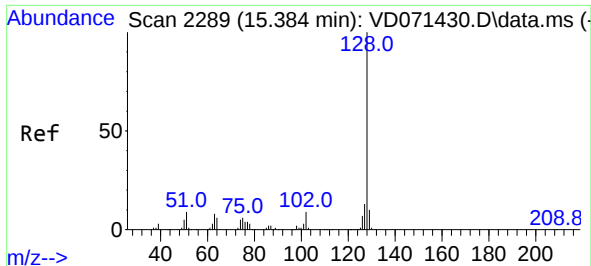
Tgt Ion:180 Resp: 49300
Ion Ratio Lower Upper
180 100
182 96.7 48.2 144.6
145 69.1 15.4 46.2#



#94
Hexachlorobutadiene
Concen: 18.482 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:225 Resp: 10425
Ion Ratio Lower Upper
225 100
223 67.0 31.8 95.3
227 64.3 31.6 94.8



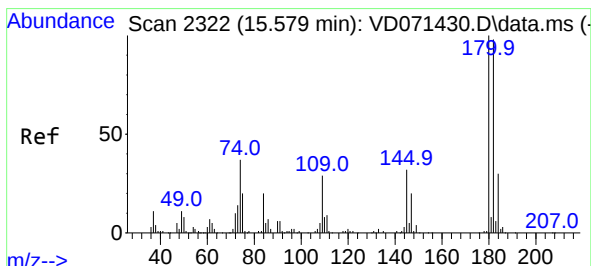
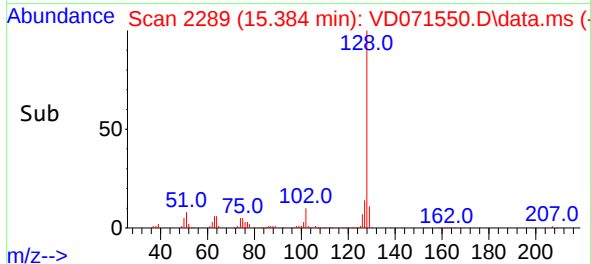
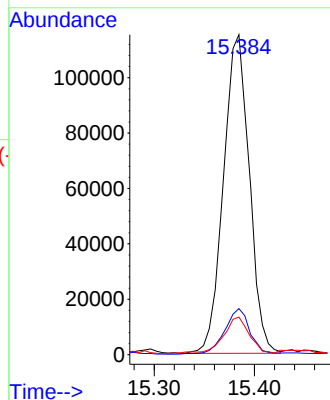
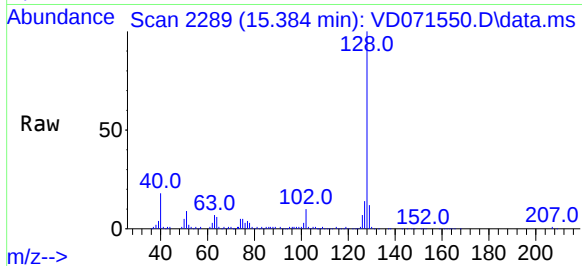


#95
Naphthalene
Concen: 102.644 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MSD

Tgt Ion:128 Resp: 205718

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	11.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 54.064 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD071550.D
Acq: 30 Dec 2021 15:42

Tgt Ion:180 Resp: 49237

Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.7	140.1
145	54.9	15.9	47.6#

