

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071549.D
 Acq On : 30 Dec 2021 15:14
 Operator : VA/SY
 Sample : M5182-06MSRE
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Dec 31 06:54:12 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	7.979	168	337484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	571126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	263974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	215934	48.177	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.360%		
35) Dibromofluoromethane	7.914	113	202279	52.699	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	105.400%		
50) Toluene-d8	10.338	98	734619	50.644	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.280%		
62) 4-Bromofluorobenzene	12.620	95	271871	52.744	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.480%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	143733	40.645	ug/l	93
3) Chloromethane	2.209	50	202153	44.644	ug/l	99
4) Vinyl Chloride	2.350	62	236607	43.603	ug/l	97
5) Bromomethane	2.768	94	154420	40.678	ug/l	98
6) Chloroethane	2.921	64	163109	45.293	ug/l	93
7) Trichlorofluoromethane	3.274	101	313730	47.228	ug/l	93
8) Diethyl Ether	3.709	74	86004	45.223	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	182654	47.262	ug/l	95
10) Methyl Iodide	4.303	142	161550	42.984	ug/l	94
11) Tert butyl alcohol	5.226	59	47758	116.537	ug/l	98
12) 1,1-Dichloroethene	4.068	96	159905	45.479	ug/l	86
13) Acrolein	3.915	56	29279	135.229	ug/l	100
14) Allyl chloride	4.715	41	316839	47.642	ug/l #	79
15) Acrylonitrile	5.420	53	201634	215.294	ug/l	97
16) Acetone	4.156	43	282592	251.014	ug/l	89
17) Carbon Disulfide	4.409	76	464719	40.565	ug/l #	95
18) Methyl Acetate	4.721	43	145342	41.827	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	423964	46.710	ug/l	99
20) Methylene Chloride	4.968	84	206896	48.289	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	185315	45.505	ug/l	84
22) Diisopropyl ether	6.362	45	680675	50.277	ug/l	91
23) Vinyl Acetate	6.303	43	1646739	235.948	ug/l	97
24) 1,1-Dichloroethane	6.267	63	382016	49.220	ug/l	99
25) 2-Butanone	7.209	43	301656	224.326	ug/l #	89
26) 2,2-Dichloropropane	7.209	77	322218	50.526	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	224436	49.826	ug/l	92
28) Bromochloromethane	7.538	49	130876	41.149	ug/l	89
29) Tetrahydrofuran	7.562	42	174875	216.594	ug/l	92
30) Chloroform	7.709	83	394189	50.335	ug/l	97
31) Cyclohexane	7.985	56	312180	41.001	ug/l	96
32) 1,1,1-Trichloroethane	7.903	97	343576	49.468	ug/l #	92
36) 1,1-Dichloropropene	8.109	75	287342	46.856	ug/l	97
37) Ethyl Acetate	7.291	43	119740	42.294	ug/l #	92
38) Carbon Tetrachloride	8.091	117	304821	50.382	ug/l	99
39) Methylcyclohexane	9.356	83	276827	38.563	ug/l	99
40) Benzene	8.350	78	787278	47.755	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	71423	42.473	ug/l #	82
42) 1,2-Dichloroethane	8.420	62	252175	46.910	ug/l	94
43) Isopropyl Acetate	8.444	43	246978	43.959	ug/l #	89
44) Trichloroethene	9.108	130	202080	47.039	ug/l	91
45) 1,2-Dichloropropane	9.385	63	212725	49.728	ug/l	99
46) Dibromomethane	9.473	93	109384	46.283	ug/l	94
47) Bromodichloromethane	9.656	83	303385	50.562	ug/l	95
48) Methyl methacrylate	9.450	41	112957	40.628	ug/l #	79
49) 1,4-Dioxane	9.456	88	23326	873.412	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	647264	218.973	ug/l	89
52) Toluene	10.397	92	516619	49.332	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	272817	48.690	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	319699	49.377	ug/l #	81
55) 1,1,2-Trichloroethane	10.791	97	146603	48.870	ug/l	94
56) Ethyl methacrylate	10.655	69	188991	47.875	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	259084	47.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	428016	226.348	ug/l	99
59) 2-Hexanone	10.979	43	493636	236.259	ug/l	87
60) Dibromochloromethane	11.132	129	185218	49.116	ug/l	100
61) 1,2-Dibromoethane	11.238	107	135445	45.585	ug/l	99
64) Tetrachloroethene	10.873	164	169612	46.155	ug/l	97
65) Chlorobenzene	11.661	112	527916	48.668	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	200850	50.685	ug/l	99
67) Ethyl Benzene	11.738	91	999877	49.530	ug/l	99
68) m/p-Xylenes	11.844	106	761054	99.231	ug/l	96
69) o-Xylene	12.173	106	362128	51.655	ug/l	96
70) Styrene	12.185	104	613046	50.338	ug/l	96
71) Bromoform	12.350	173	102934	48.003	ug/l #	99
73) Isopropylbenzene	12.473	105	952727	46.814	ug/l	99
74) N-amyl acetate	12.279	43	260176	47.650	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.720	83	171598	46.638	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	215487	68.703	ug/l #	1
77) Bromobenzene	12.749	156	211443	46.691	ug/l	97
78) n-propylbenzene	12.808	91	1162777	45.583	ug/l	99
79) 2-Chlorotoluene	12.897	91	671045	47.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	779188	46.418	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	43040	38.773	ug/l #	72
82) 4-Chlorotoluene	12.997	91	693982	46.931	ug/l	100
83) tert-Butylbenzene	13.214	119	665154	46.372	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	779661	46.929	ug/l	96
85) sec-Butylbenzene	13.391	105	951828	43.527	ug/l	100
86) p-Isopropyltoluene	13.502	119	798604	44.014	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	423840	46.473	ug/l	96
88) 1,4-Dichlorobenzene	13.585	146	416924	46.622	ug/l	96
89) n-Butylbenzene	13.832	91	742732	41.706	ug/l	98
90) Hexachloroethane	14.096	117	155691	45.296	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	357826	46.230	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.491	75	27549	43.175	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	218239	46.268	ug/l #	76
94) Hexachlorobutadiene	15.249	225	74708	29.566	ug/l	98
95) Naphthalene	15.385	128	435944	48.556	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	184472	45.217	ug/l #	86

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Response via : Initial Calibration

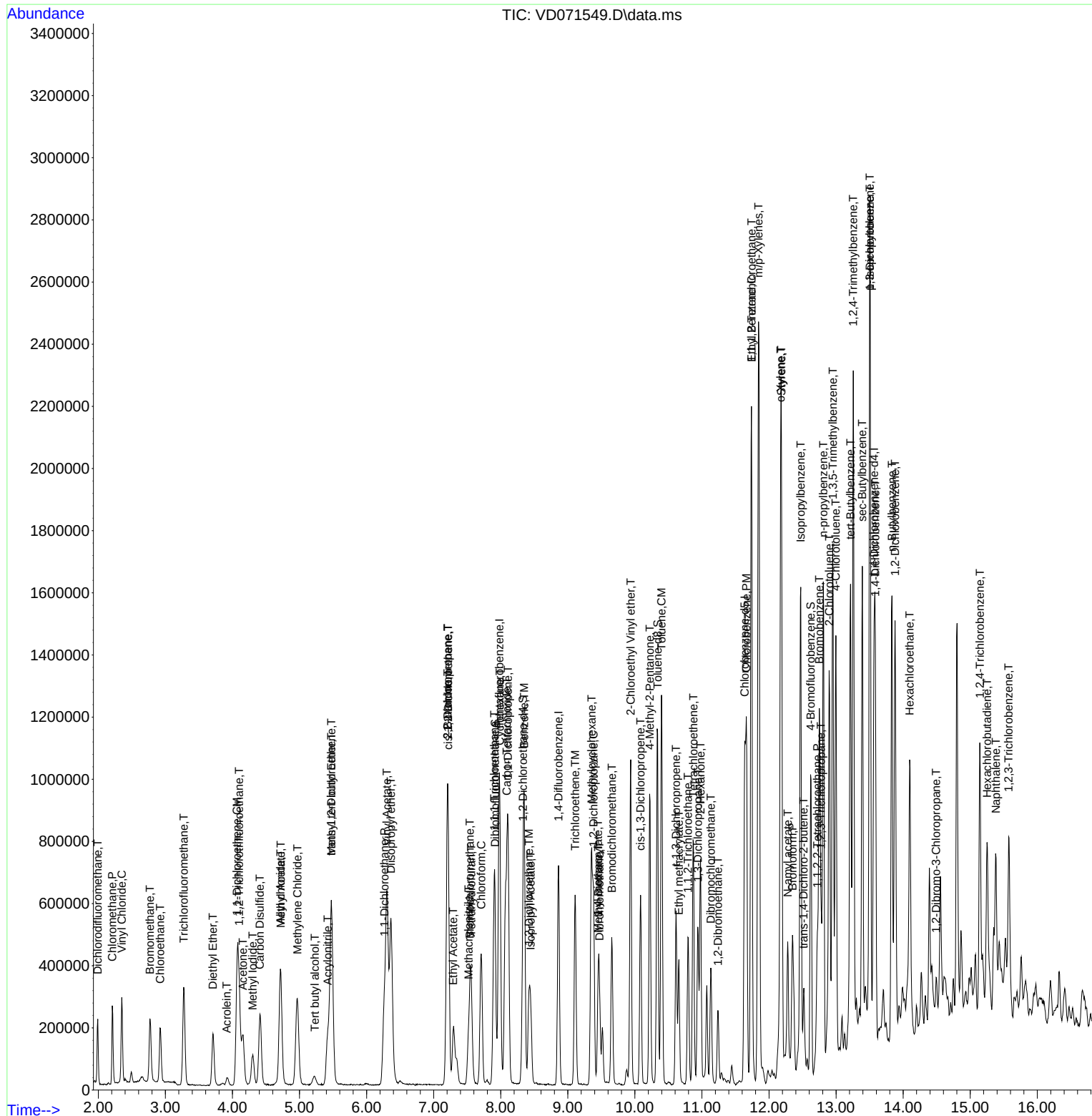
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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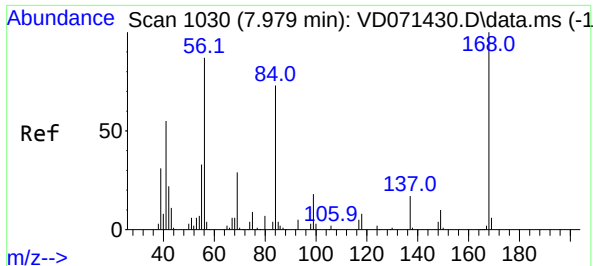
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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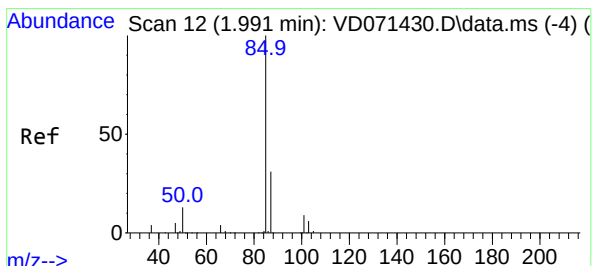
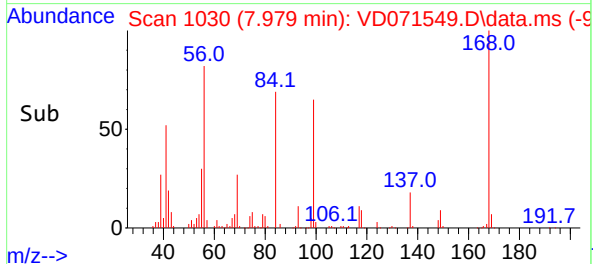
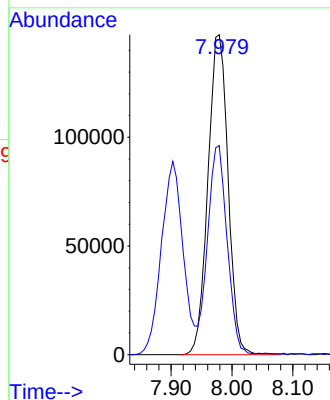
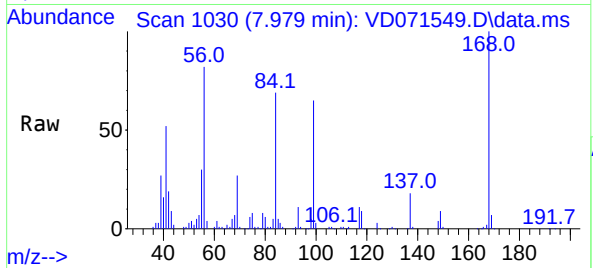




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071549.D
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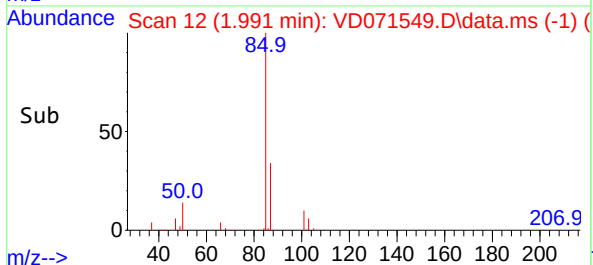
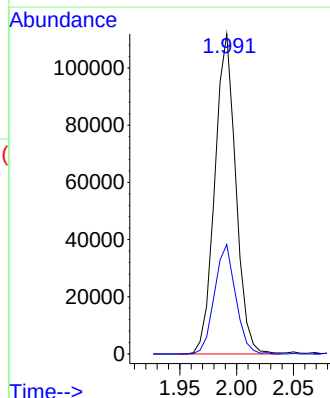
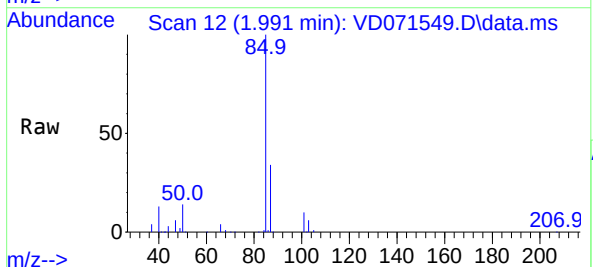
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

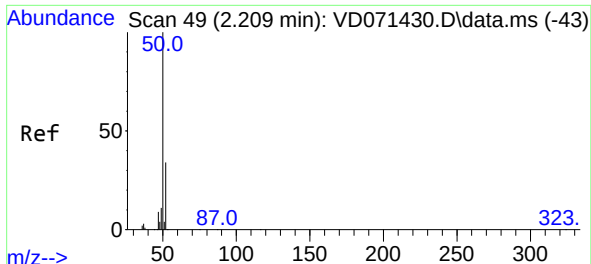
Tgt Ion:168 Resp: 337484
Ion Ratio Lower Upper
168 100
99 65.1 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 40.645 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 85 Resp: 143733
Ion Ratio Lower Upper
85 100
87 34.2 15.2 45.6

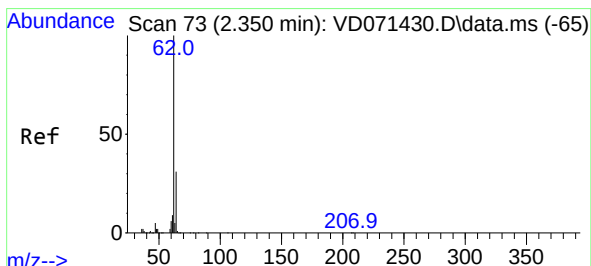
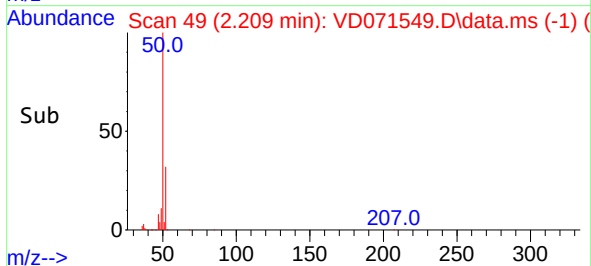
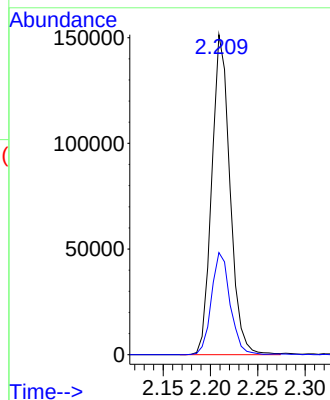
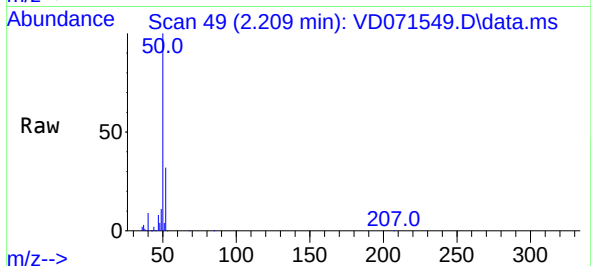




#3
Chloromethane
Concen: 44.644 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

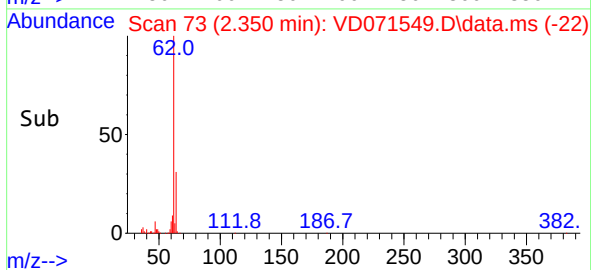
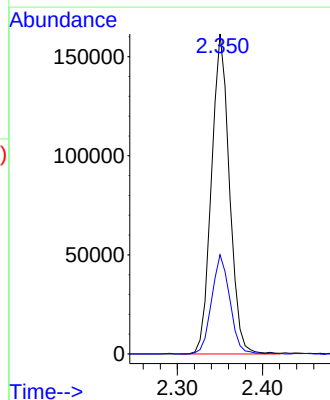
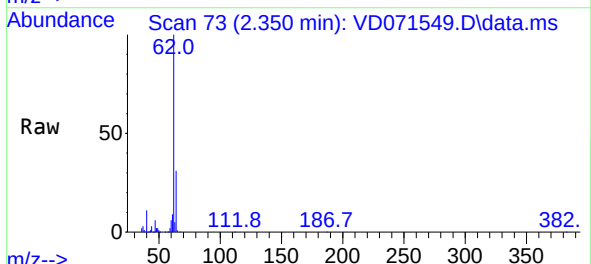
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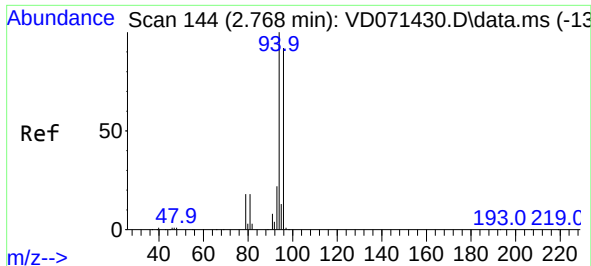
Tgt Ion: 50 Resp: 202153
Ion Ratio Lower Upper
50 100
52 31.9 25.8 38.8



#4
Vinyl Chloride
Concen: 43.603 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 62 Resp: 236607
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0

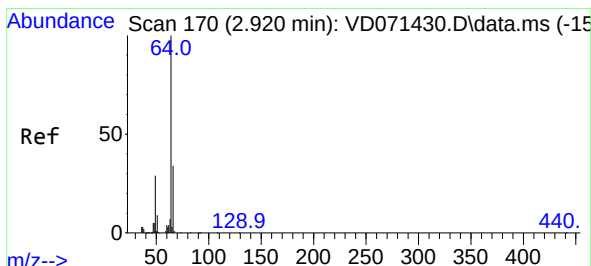
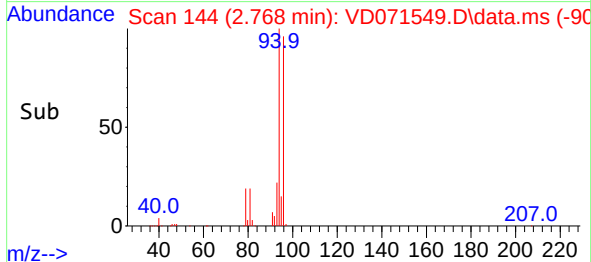
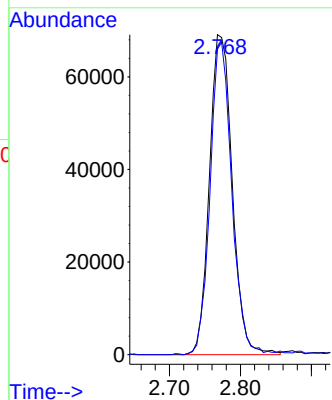
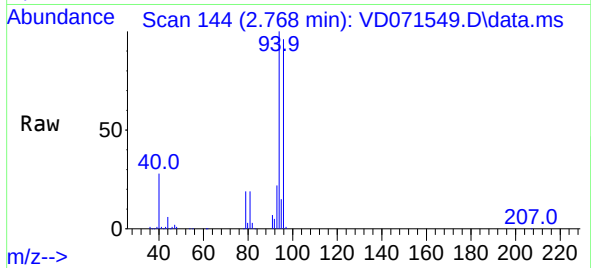




#5
Bromomethane
Concen: 40.678 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.018 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

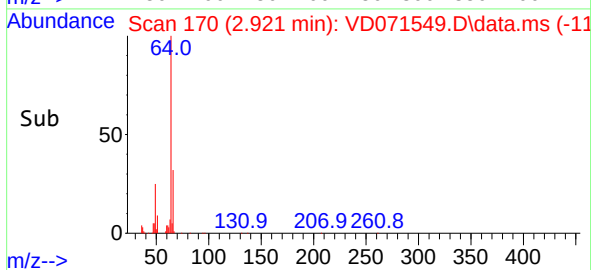
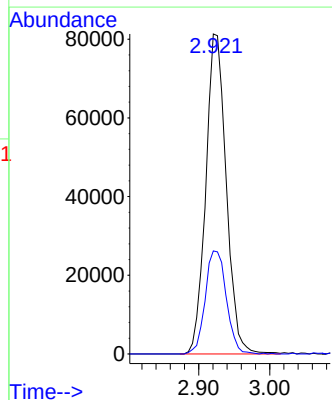
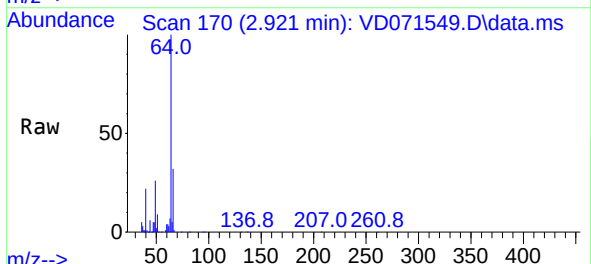
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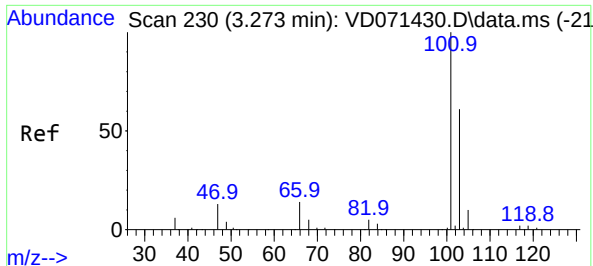
Tgt Ion: 94 Resp: 154420
Ion Ratio Lower Upper
94 100
96 95.3 74.8 112.2



#6
Chloroethane
Concen: 45.293 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD071549.D
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Tgt Ion: 64 Resp: 163109
Ion Ratio Lower Upper
64 100
66 32.2 29.0 43.4

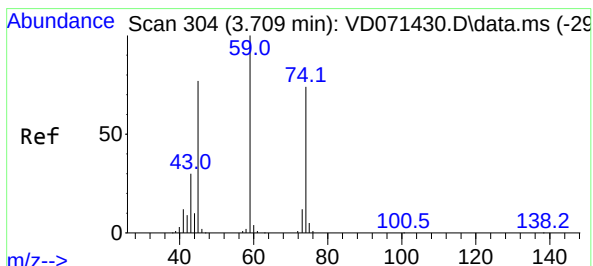
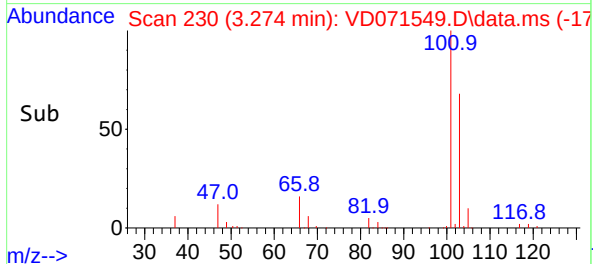
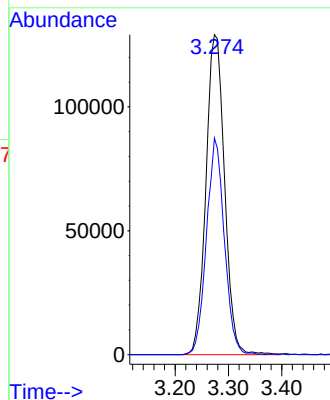
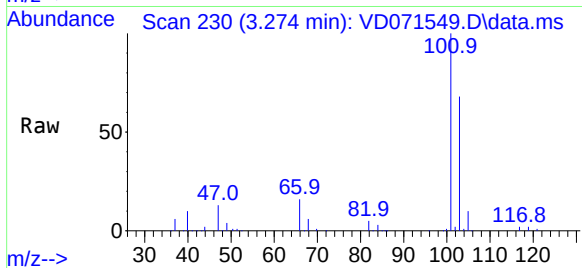




#7
Trichlorofluoromethane
Concen: 47.228 ug/l
RT: 3.274 min Scan# 21
Delta R.T. 0.007 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

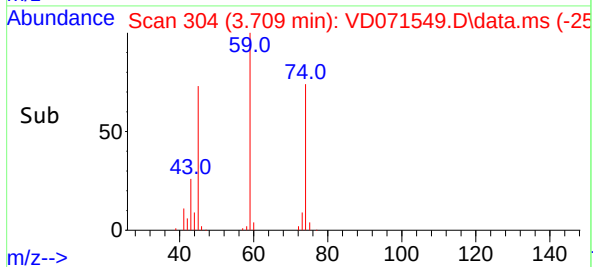
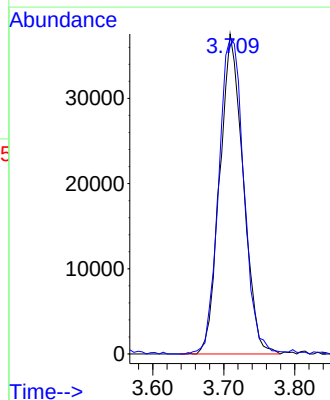
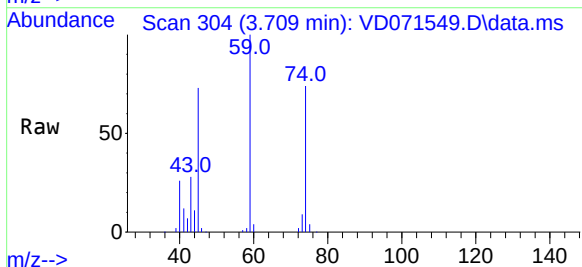
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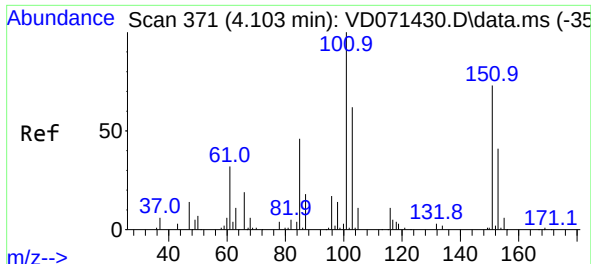
Tgt Ion:101 Resp: 313730
Ion Ratio Lower Upper
101 100
103 67.7 49.7 74.5



#8
Diethyl Ether
Concen: 45.223 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 74 Resp: 86004
Ion Ratio Lower Upper
74 100
45 105.6 49.6 149.0

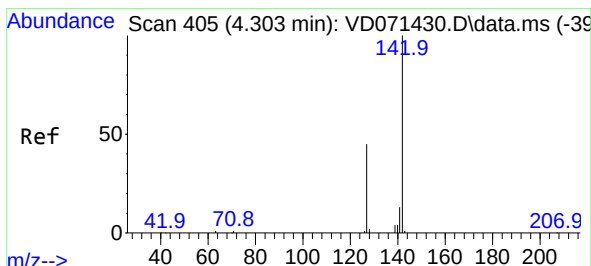
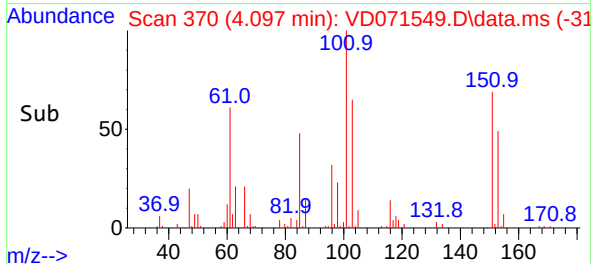
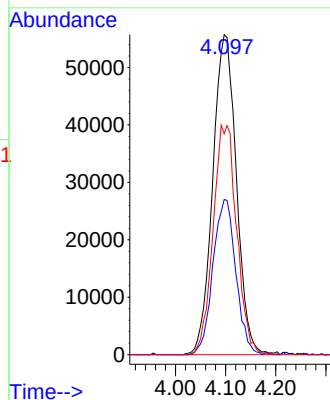
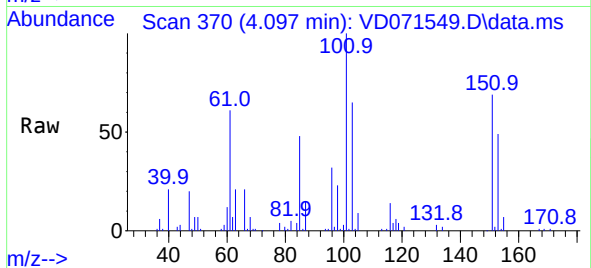




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.262 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

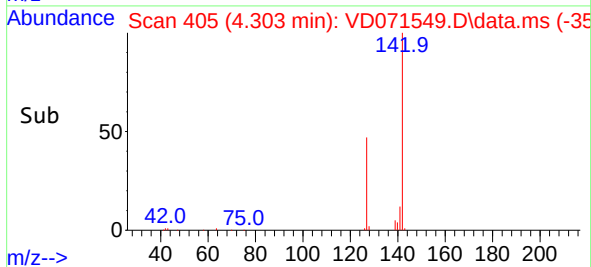
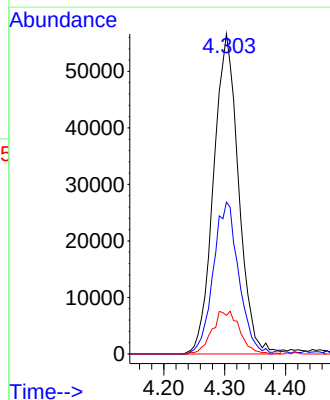
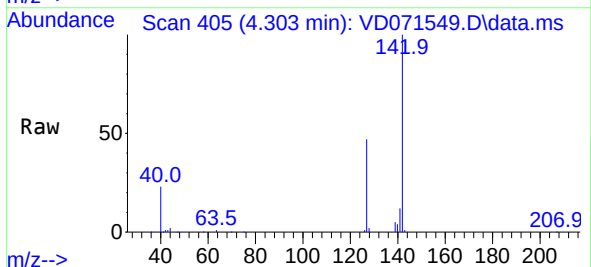
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

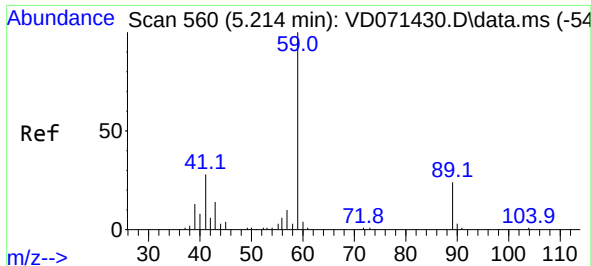
Tgt Ion:101 Resp: 182654
Ion Ratio Lower Upper
101 100
85 46.8 34.8 52.2
151 71.6 60.4 90.6



#10
Methyl Iodide
Concen: 42.984 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion:142 Resp: 161550
Ion Ratio Lower Upper
142 100
127 48.3 35.0 52.4
141 14.7 12.0 18.0

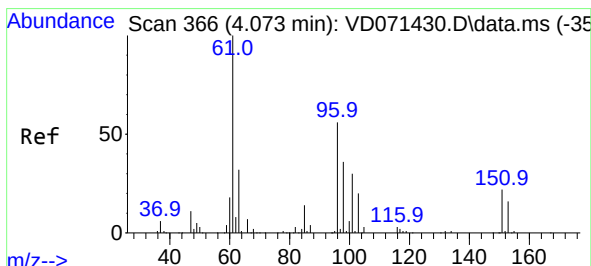
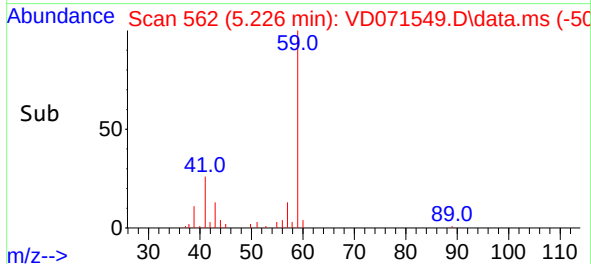
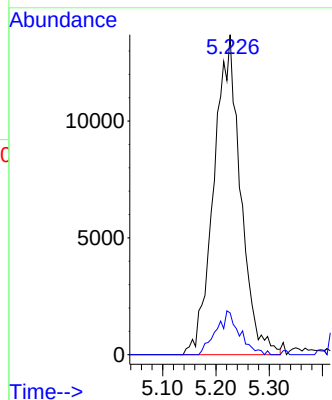
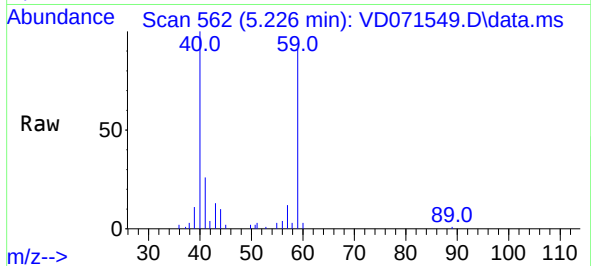




#11
Tert butyl alcohol
Concen: 116.537 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.017 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

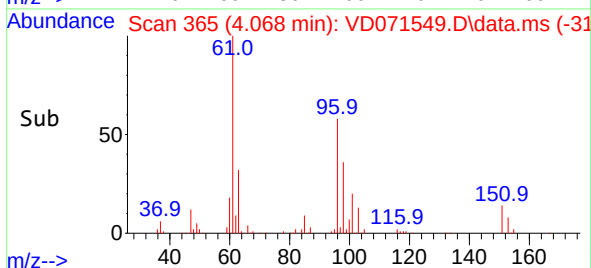
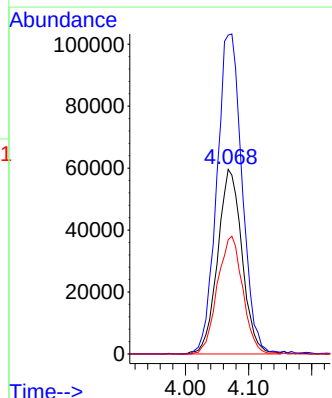
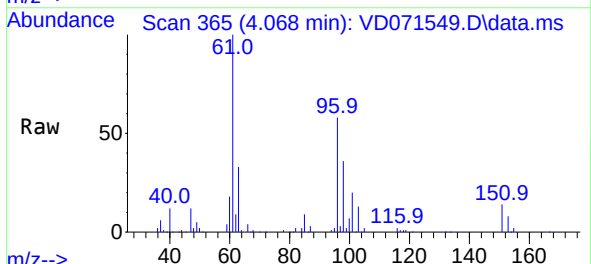
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

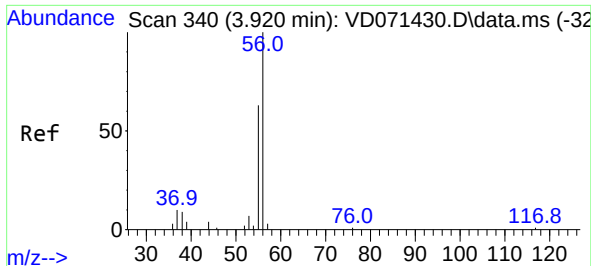
Tgt Ion: 59 Resp: 47758
Ion Ratio Lower Upper
59 100
57 12.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 45.479 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 96 Resp: 159905
Ion Ratio Lower Upper
96 100
61 172.7 120.3 180.5
98 61.8 54.4 81.6

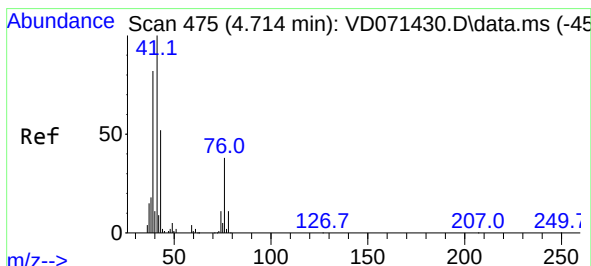
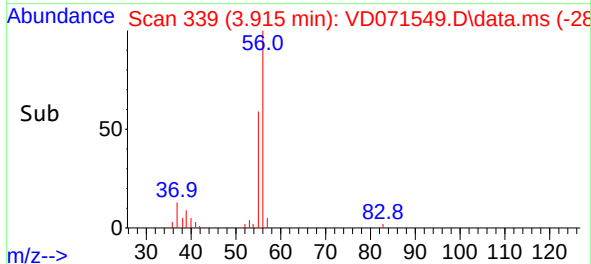
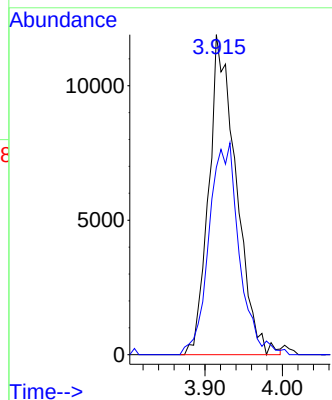
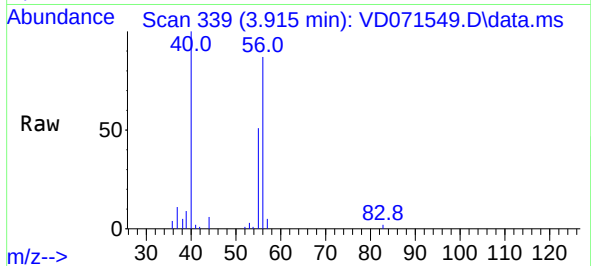




#13
Acrolein
Concen: 135.229 ug/l
RT: 3.915 min Scan# 31
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

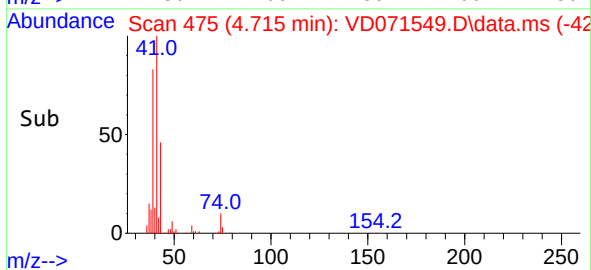
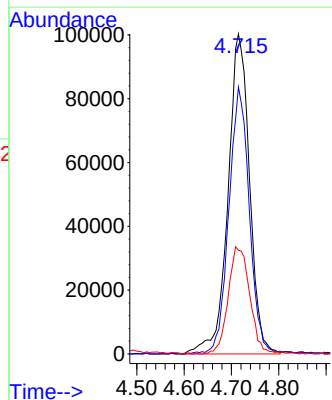
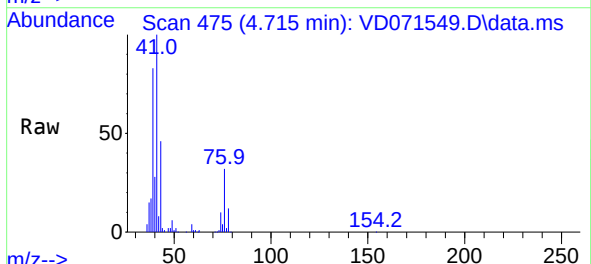
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

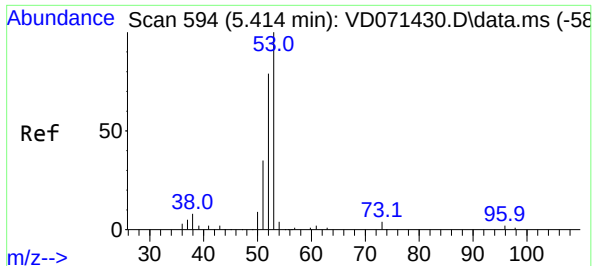
Tgt Ion: 56 Resp: 29279
Ion Ratio Lower Upper
56 100
55 72.8 58.6 87.8



#14
Allyl chloride
Concen: 47.642 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.012 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 41 Resp: 316839
Ion Ratio Lower Upper
41 100
39 79.1 45.6 68.4#
76 33.6 30.2 45.4





#15

Acrylonitrile

Concen: 215.294 ug/l

RT: 5.420 min Scan# 594

Delta R.T. 0.000 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

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

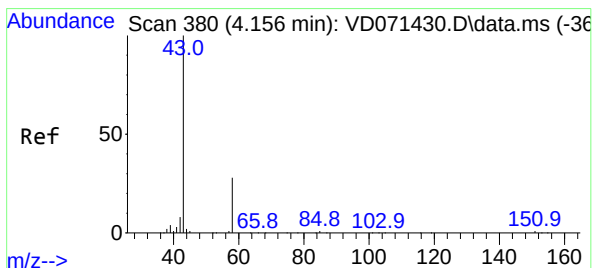
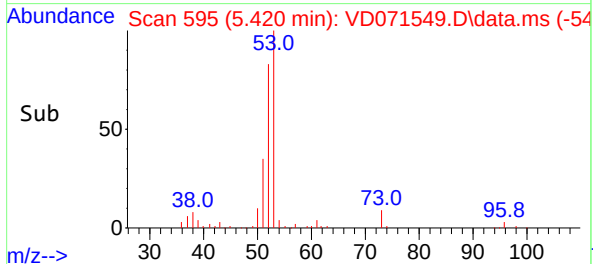
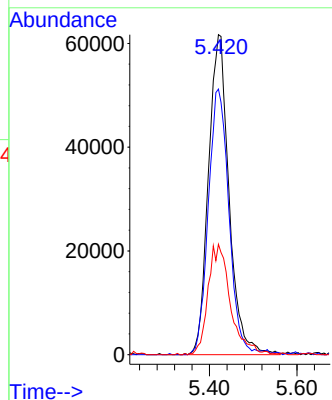
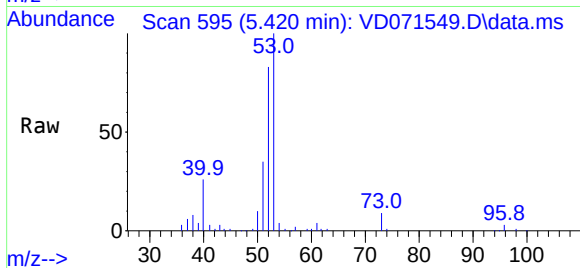
Tgt Ion: 53 Resp: 201634

Ion Ratio Lower Upper

53 100

52 82.9 63.8 95.8

51 37.3 28.5 42.7



#16

Acetone

Concen: 251.014 ug/l

RT: 4.156 min Scan# 380

Delta R.T. -0.000 min

Lab File: VD071549.D

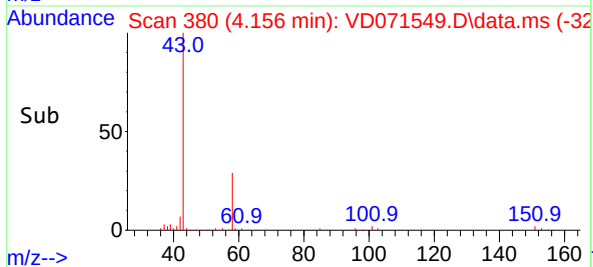
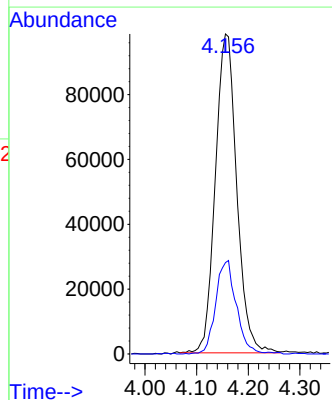
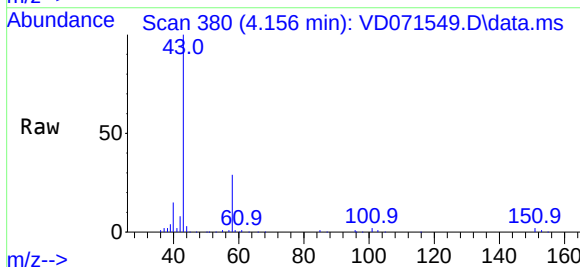
Acq: 30 Dec 2021 15:14

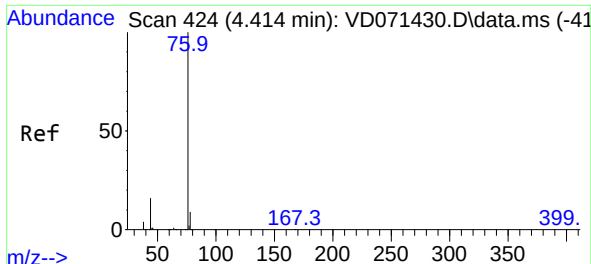
Tgt Ion: 43 Resp: 282592

Ion Ratio Lower Upper

43 100

58 28.6 27.8 41.8





#17

Carbon Disulfide

Concen: 40.565 ug/l

RT: 4.409 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

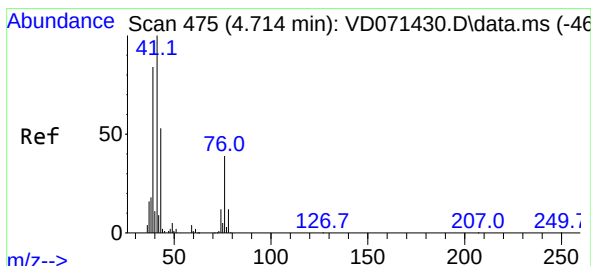
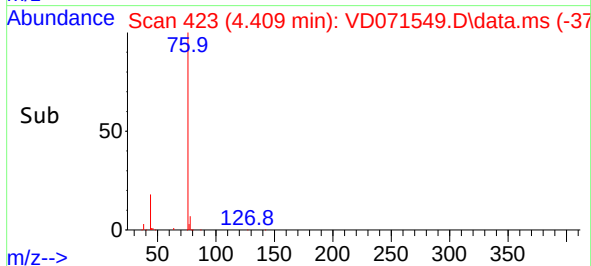
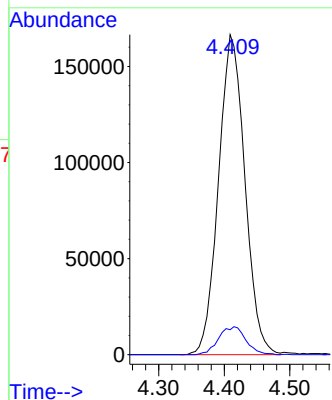
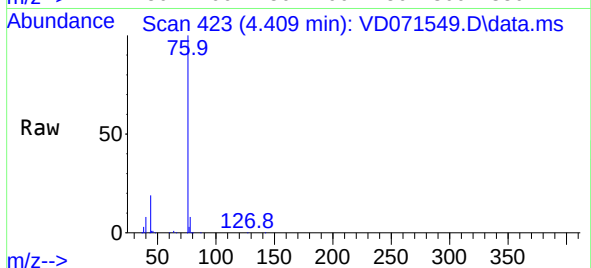
HB-2-(20-25)-12-17-21MS

Tgt Ion: 76 Resp: 464719

Ion Ratio Lower Upper

76 100

78 7.8 7.8 11.8#



#18

Methyl Acetate

Concen: 41.827 ug/l

RT: 4.721 min Scan# 476

Delta R.T. 0.001 min

Lab File: VD071549.D

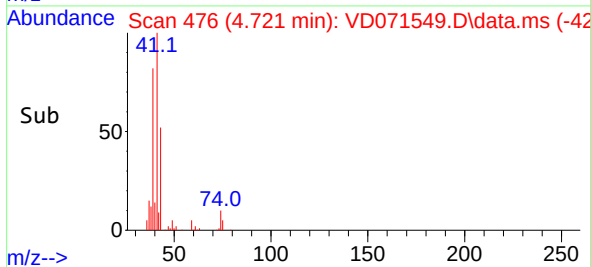
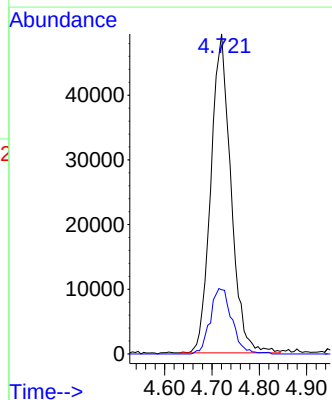
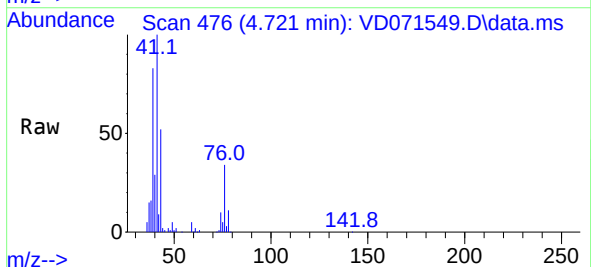
Acq: 30 Dec 2021 15:14

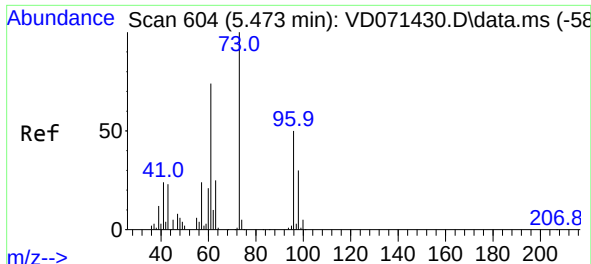
Tgt Ion: 43 Resp: 145342

Ion Ratio Lower Upper

43 100

74 22.1 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 46.710 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

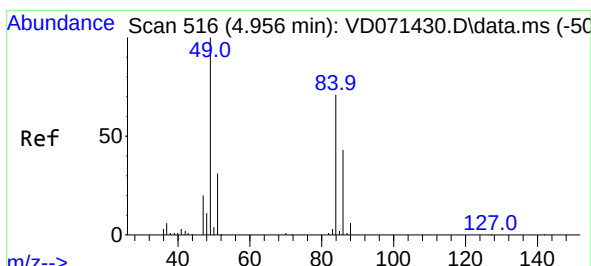
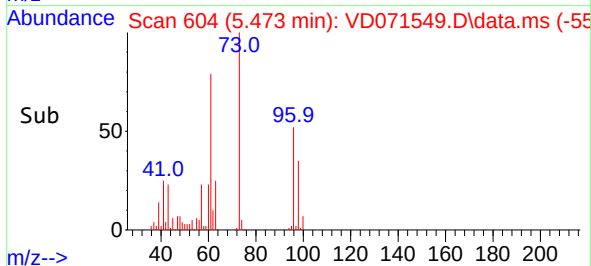
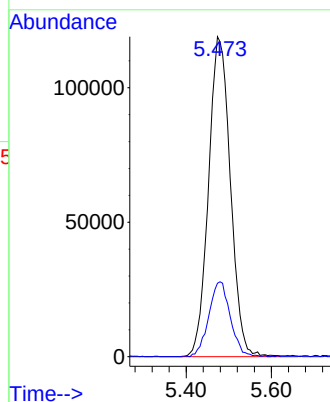
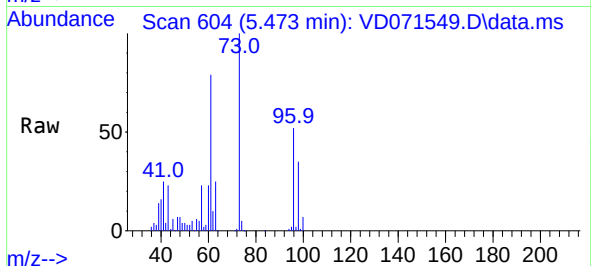
HB-2-(20-25)-12-17-21MS

Tgt Ion: 73 Resp: 423964

Ion Ratio Lower Upper

73 100

57 22.9 18.9 28.3



#20

Methylene Chloride

Concen: 48.289 ug/l

RT: 4.968 min Scan# 518

Delta R.T. 0.007 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Tgt Ion: 84 Resp: 206896

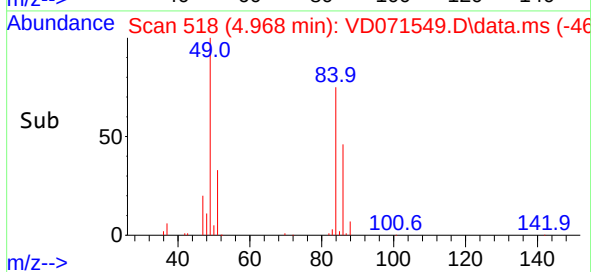
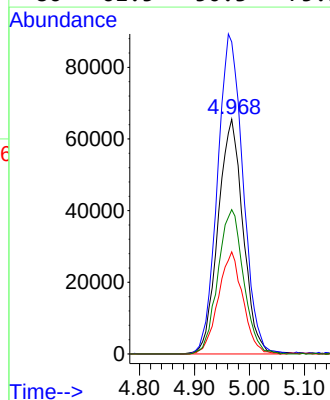
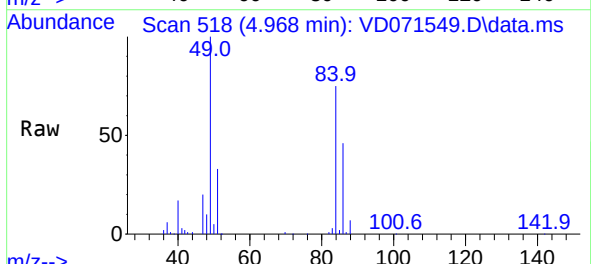
Ion Ratio Lower Upper

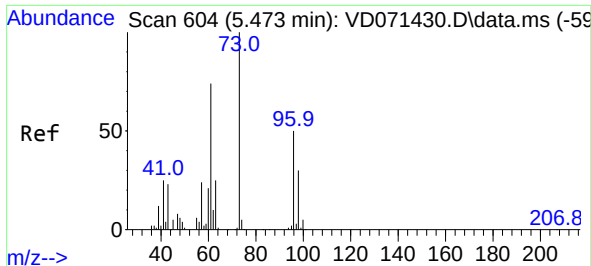
84 100

49 132.9 95.8 143.6

51 43.5 30.9 46.3

86 61.5 50.3 75.5

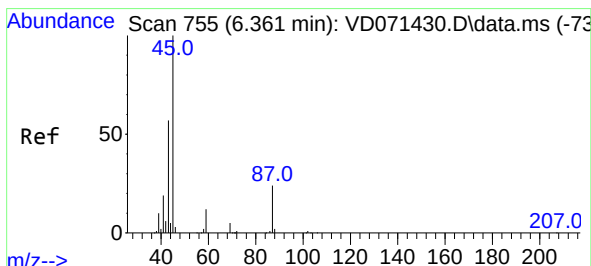
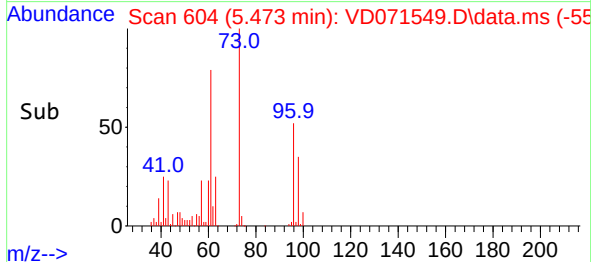
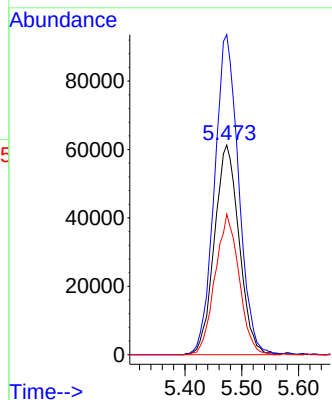
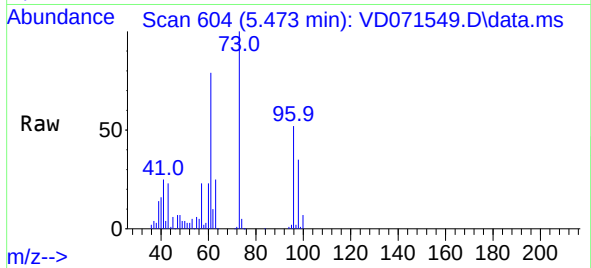




#21
trans-1,2-Dichloroethene
Concen: 45.505 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

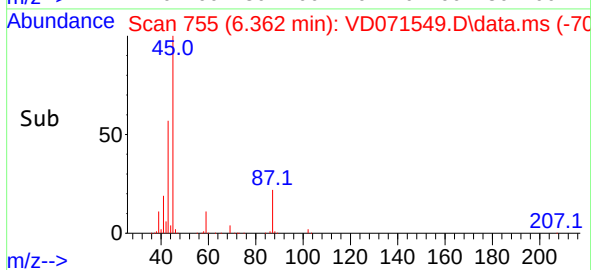
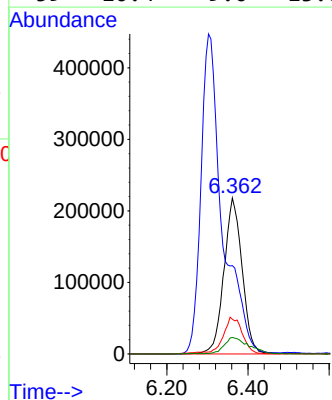
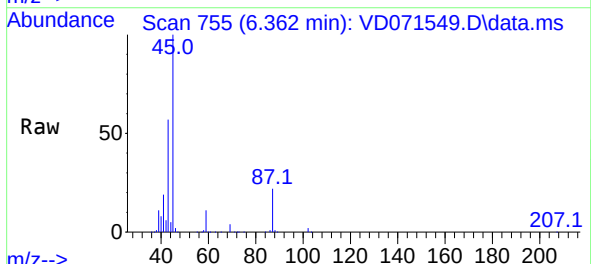
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

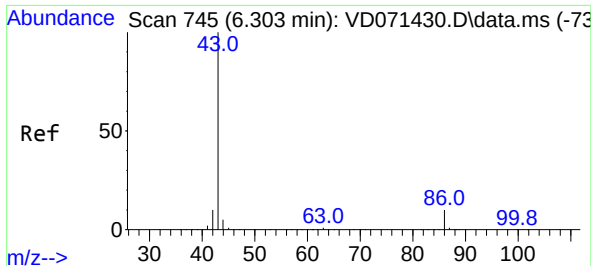
Tgt Ion: 96 Resp: 185315
Ion Ratio Lower Upper
96 100
61 152.6 102.1 153.1
98 67.0 50.1 75.1



#22
Diisopropyl ether
Concen: 50.277 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 45 Resp: 680675
Ion Ratio Lower Upper
45 100
43 56.5 39.6 59.4
87 22.2 21.2 31.8
59 10.4 9.0 13.6

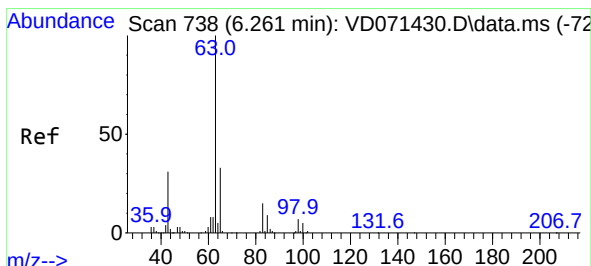
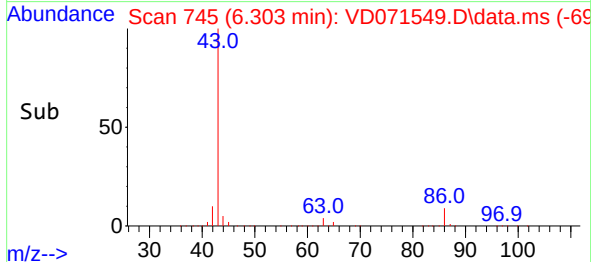
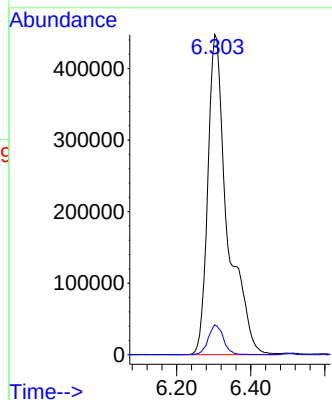
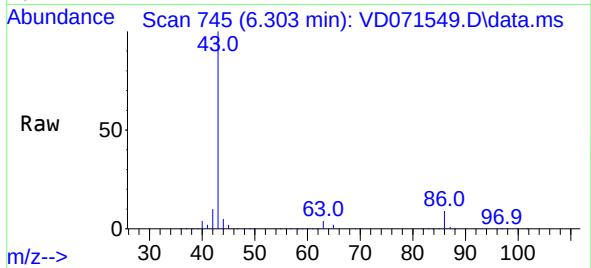




#23
 Vinyl Acetate
 Concen: 235.948 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071549.D
 Acq: 30 Dec 2021 15:14

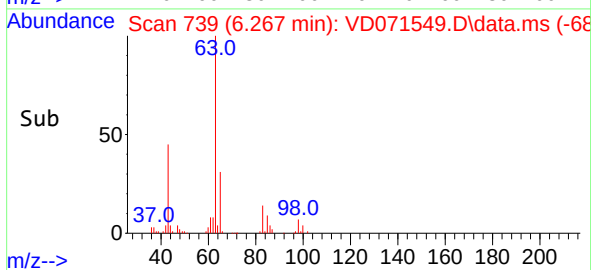
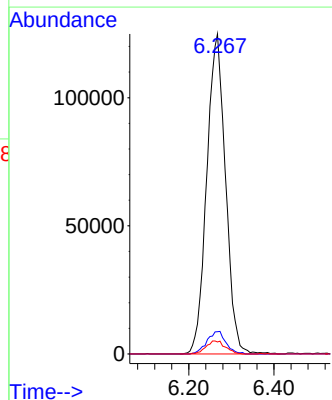
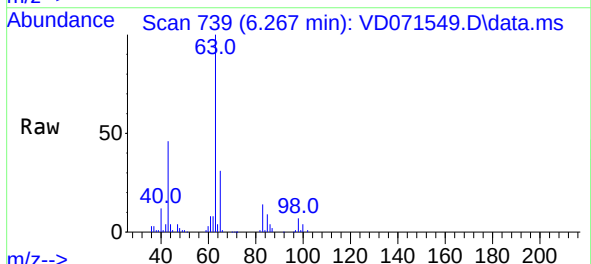
Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS

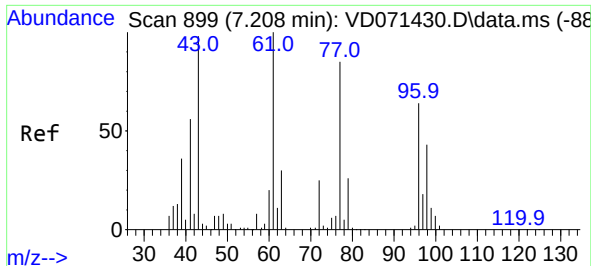
Tgt Ion: 43 Resp: 1646739
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 49.220 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD071549.D
 Acq: 30 Dec 2021 15:14

Tgt Ion: 63 Resp: 382016
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.6
 100 3.8 2.1 6.3

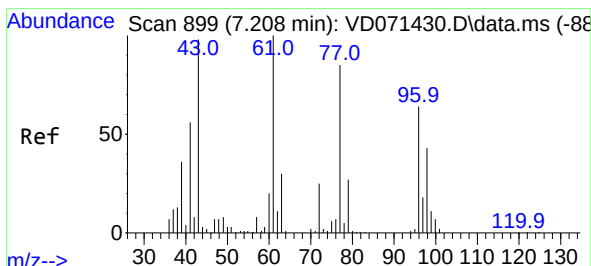
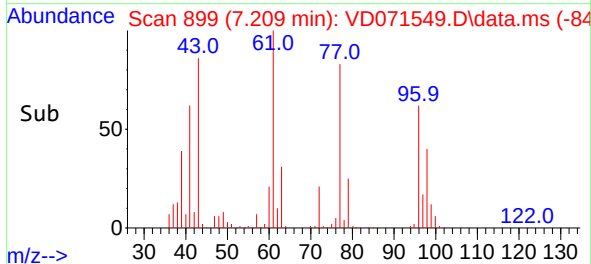
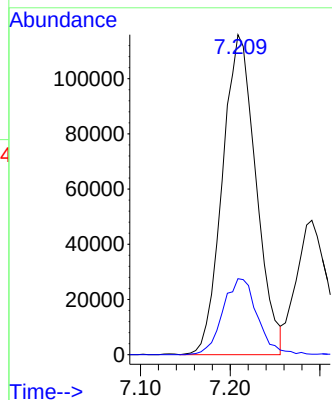
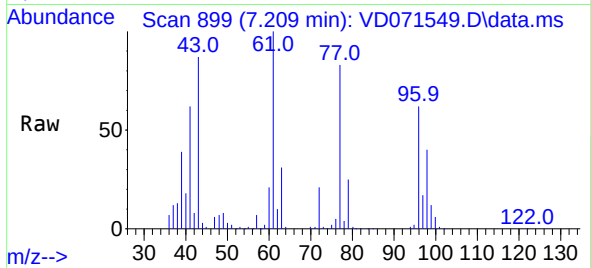




#25
2-Butanone
Concen: 224.326 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

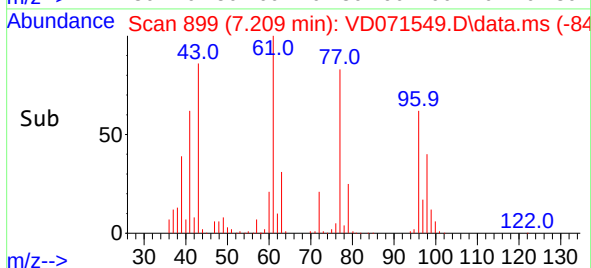
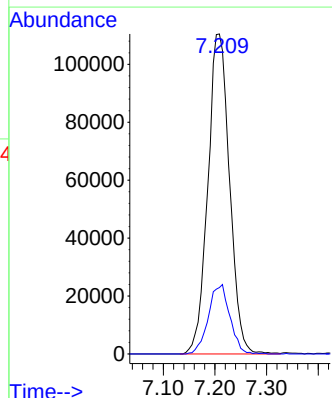
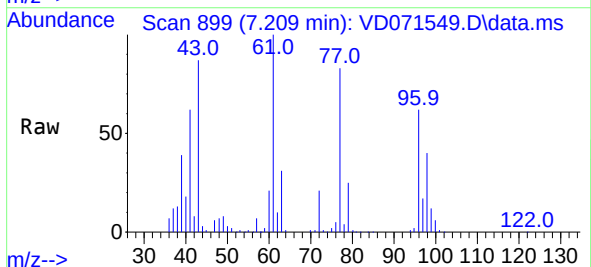
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

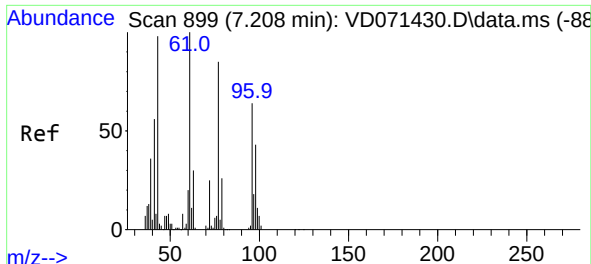
Tgt Ion: 43 Resp: 301656
Ion Ratio Lower Upper
43 100
72 23.7 23.8 35.6#



#26
2,2-Dichloropropane
Concen: 50.526 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 77 Resp: 322218
Ion Ratio Lower Upper
77 100
97 21.5 11.9 35.5

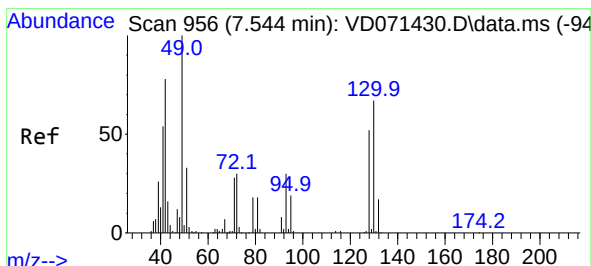
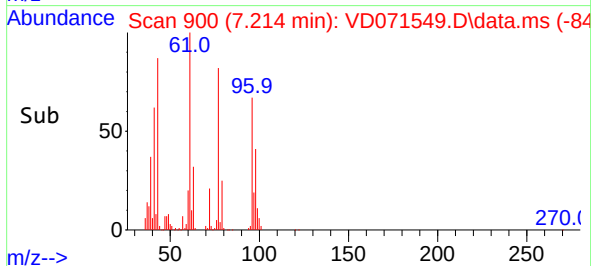
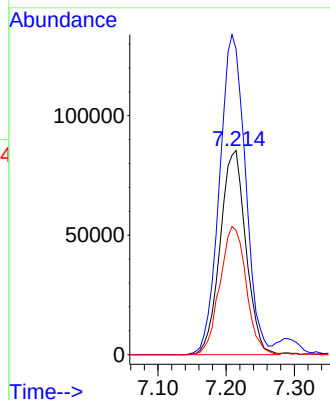
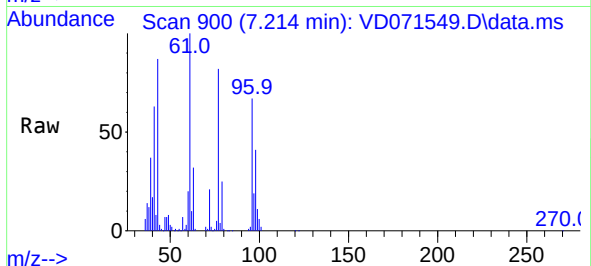




#27
cis-1,2-Dichloroethene
Concen: 49.826 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

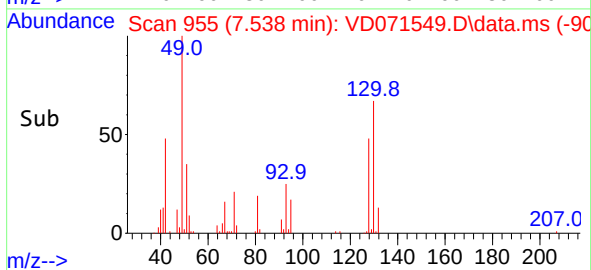
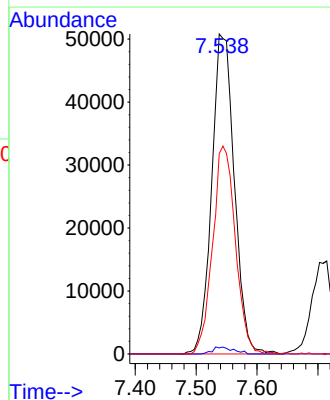
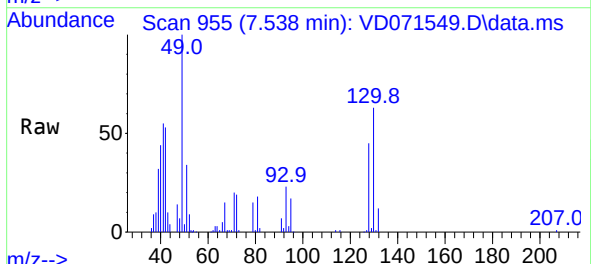
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

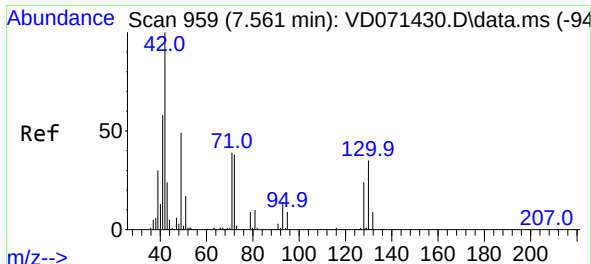
Tgt Ion: 96 Resp: 224436
Ion Ratio Lower Upper
96 100
61 157.8 0.0 288.6
98 64.2 0.0 129.2



#28
Bromochloromethane
Concen: 41.149 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 49 Resp: 130876
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.0
130 65.5 60.2 90.2





#29

Tetrahydrofuran

Concen: 216.594 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.007 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

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

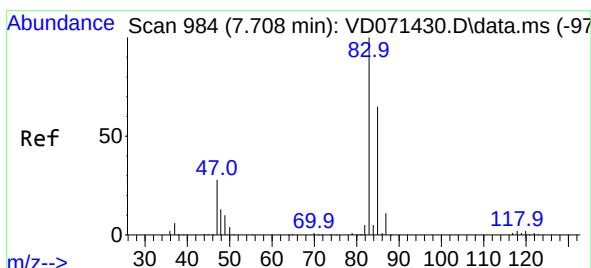
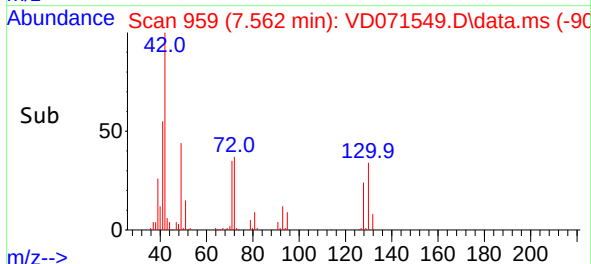
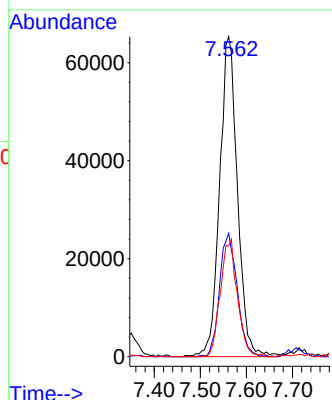
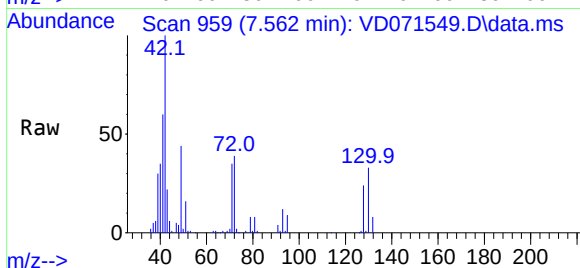
Tgt Ion: 42 Resp: 174875

Ion Ratio Lower Upper

42 100

72 38.3 33.7 50.5

71 35.1 32.7 49.1



#30

Chloroform

Concen: 50.335 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.007 min

Lab File: VD071549.D

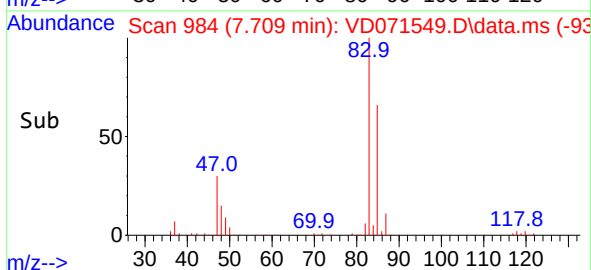
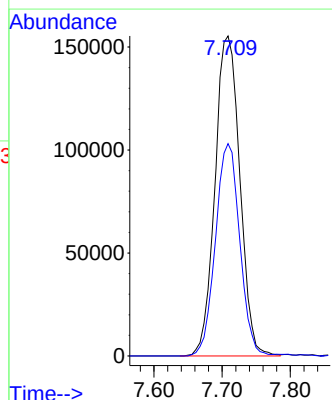
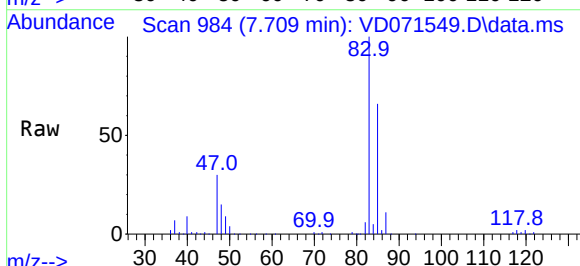
Acq: 30 Dec 2021 15:14

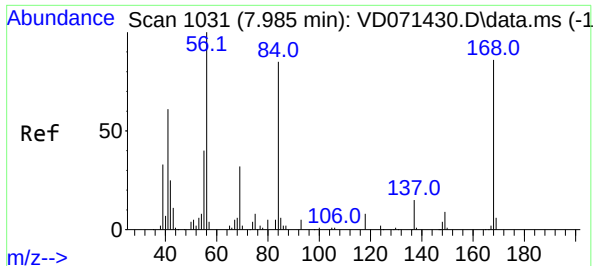
Tgt Ion: 83 Resp: 394189

Ion Ratio Lower Upper

83 100

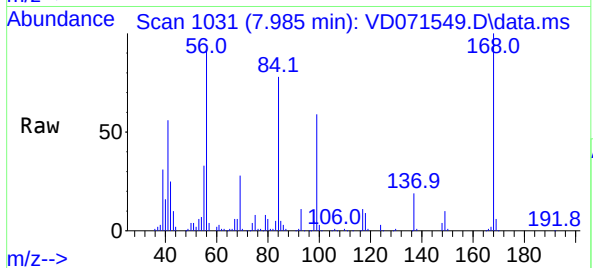
85 66.3 51.0 76.6





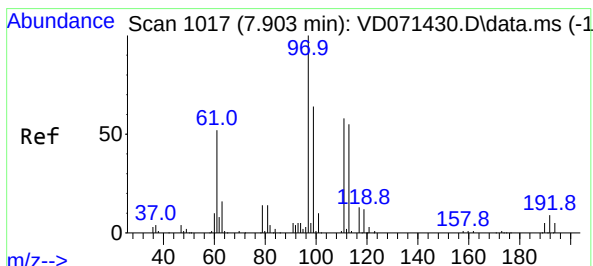
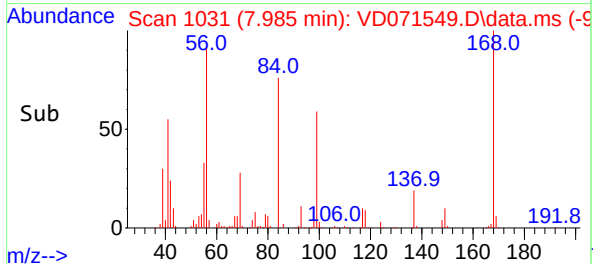
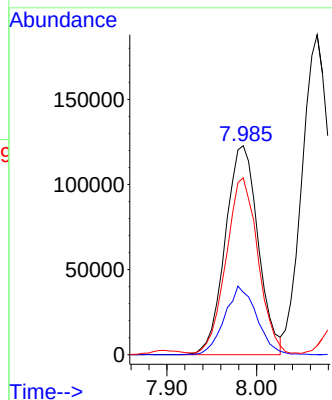
#31
Cyclohexane
Concen: 41.001 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

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



Tgt Ion: 56 Resp: 312180

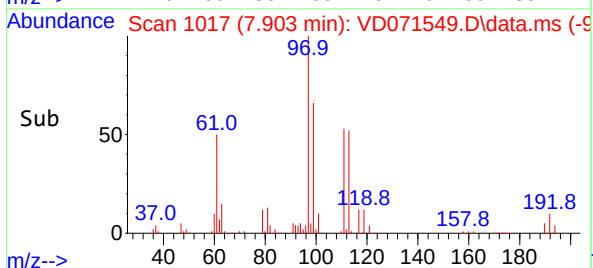
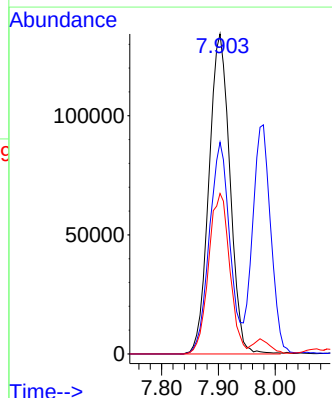
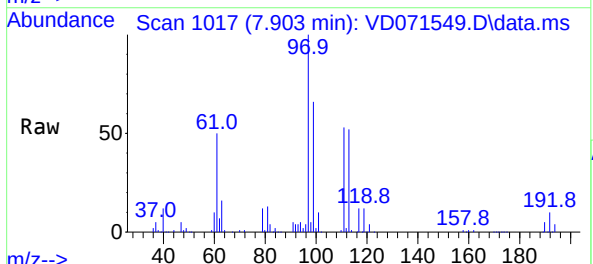
Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.9	38.9
84	83.3	64.3	96.5

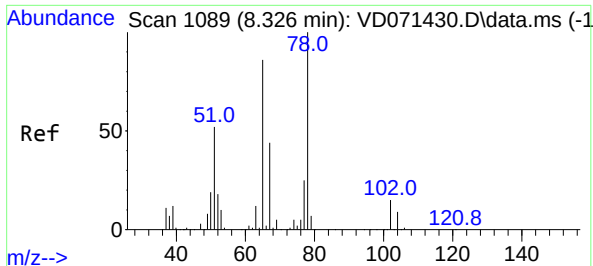


#32
1,1,1-Trichloroethane
Concen: 49.468 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 97 Resp: 343576

Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.3	75.5
61	50.7	33.0	49.4





#33

1,2-Dichloroethane-d4

Concen: 48.177 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

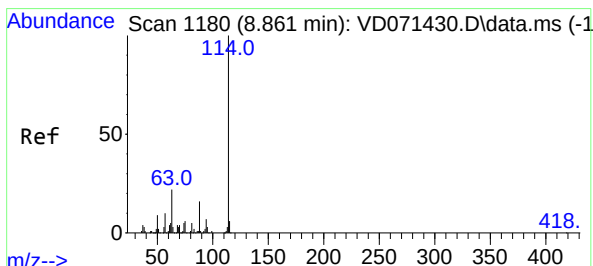
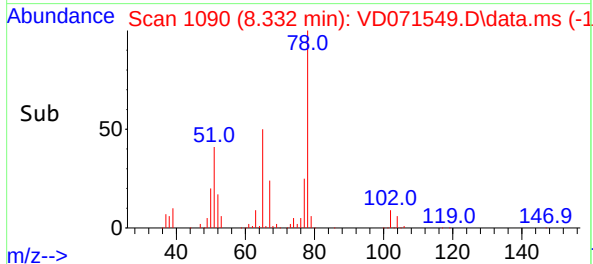
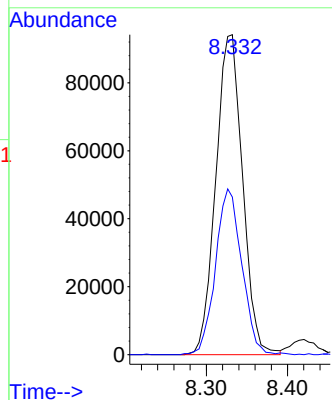
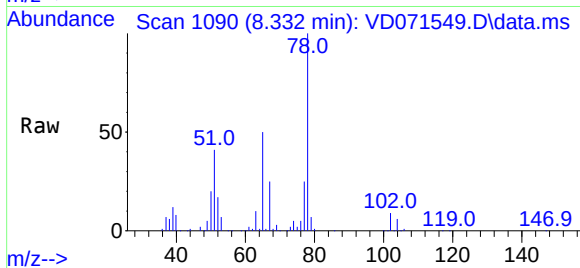
HB-2-(20-25)-12-17-21MS

Tgt Ion: 65 Resp: 215934

Ion Ratio Lower Upper

65 100

67 50.9 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: VD071549.D

Acq: 30 Dec 2021 15:14

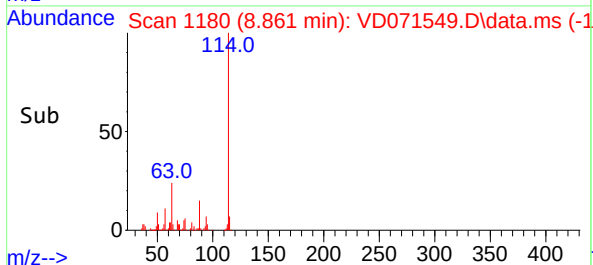
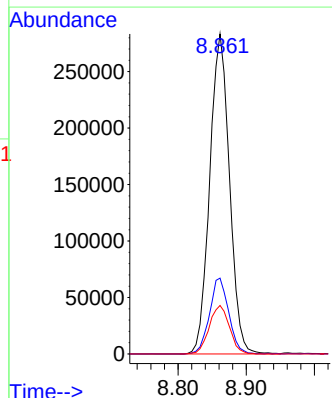
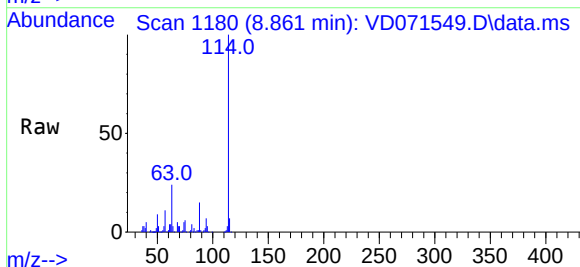
Tgt Ion: 114 Resp: 571126

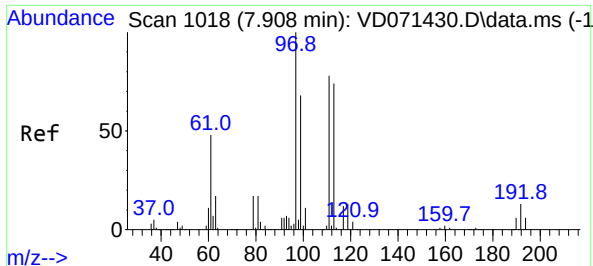
Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.8

88 15.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.699 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

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

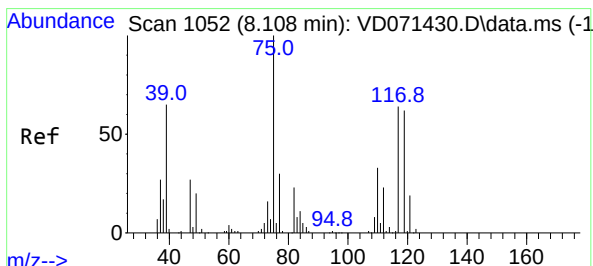
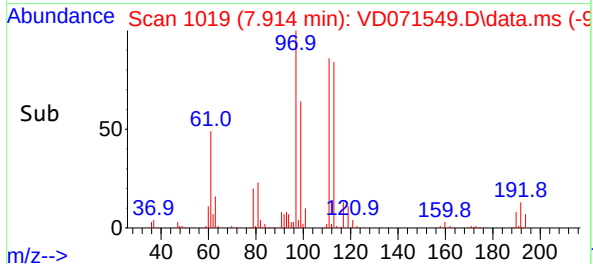
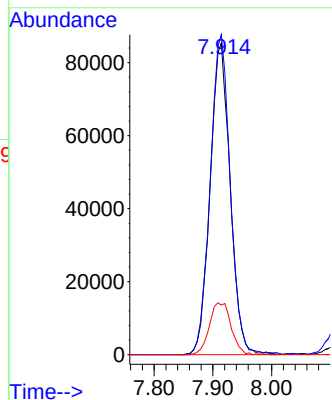
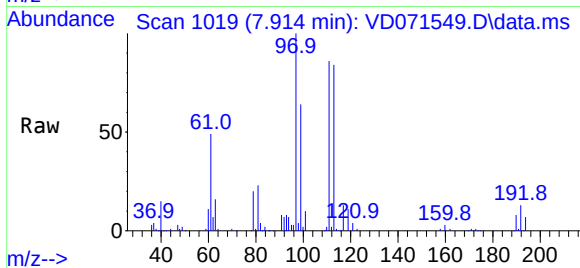
Tgt Ion:113 Resp: 202279

Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 46.856 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.001 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

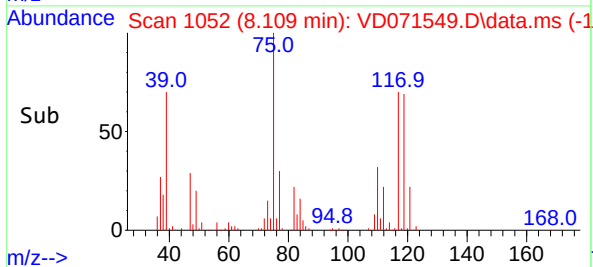
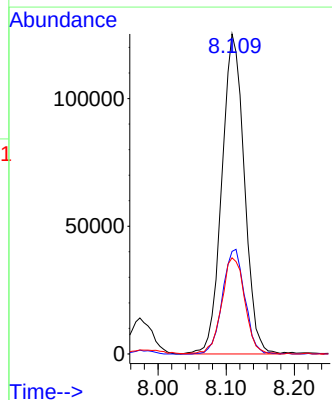
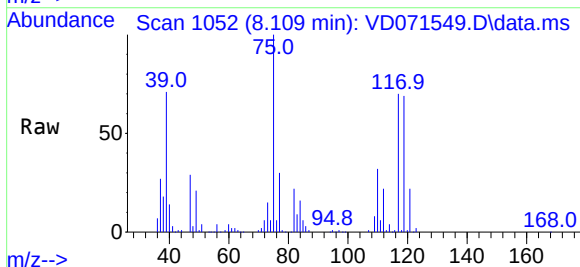
Tgt Ion: 75 Resp: 287342

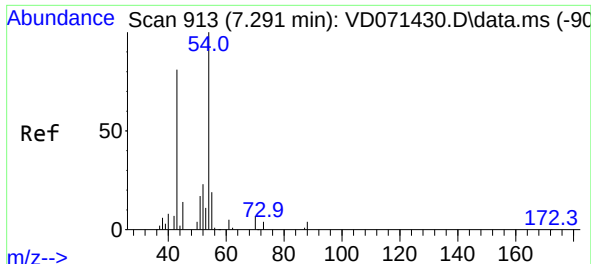
Ion Ratio Lower Upper

75 100

110 32.4 17.8 53.4

77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 42.294 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.006 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

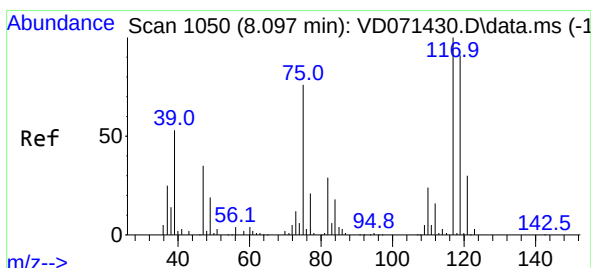
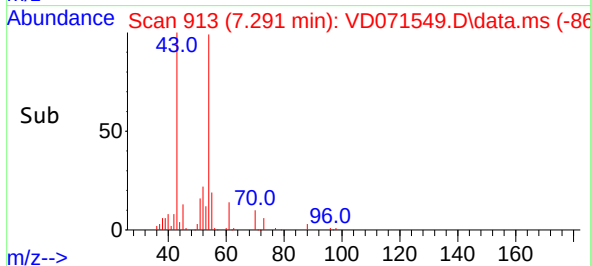
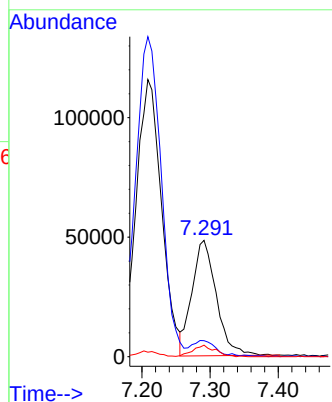
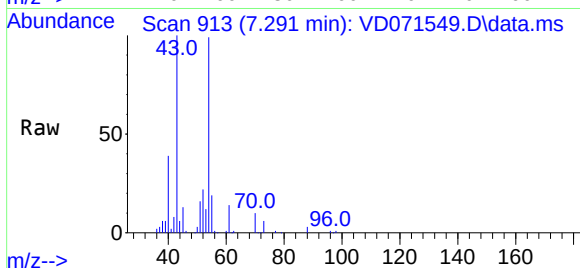
MSVOA_D

ClientSampleId :

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

Tgt Ion: 43 Resp: 119740

Ion	Ratio	Lower	Upper
43	100		
61	12.0	13.0	19.6#
70	9.3	8.7	13.1



#38

Carbon Tetrachloride

Concen: 50.382 ug/l

RT: 8.091 min Scan# 1049

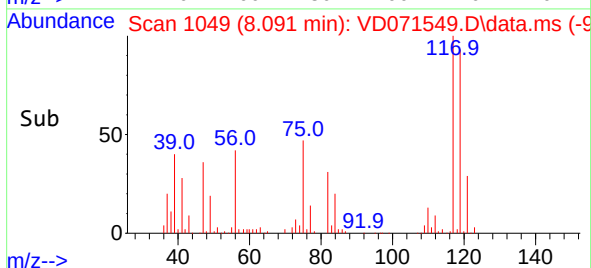
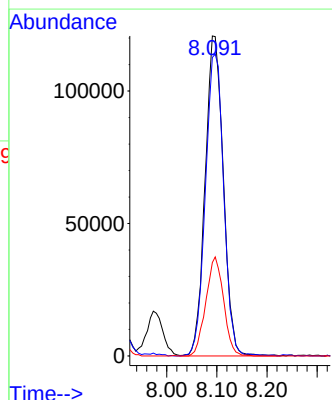
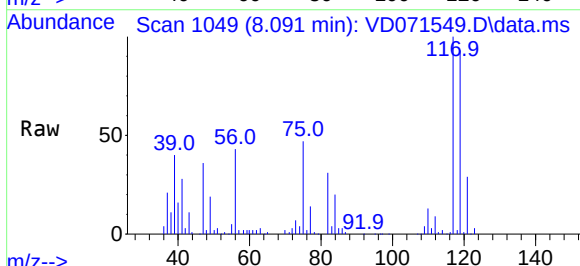
Delta R.T. -0.006 min

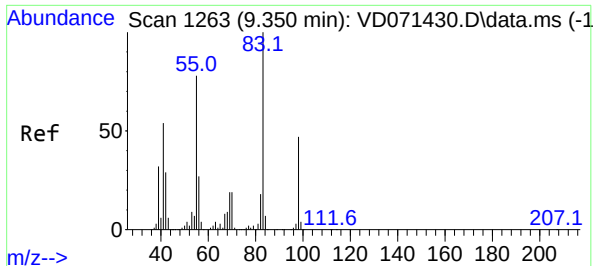
Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Tgt Ion: 117 Resp: 304821

Ion	Ratio	Lower	Upper
117	100		
119	93.3	75.8	113.6
121	29.2	23.6	35.4





#39

Methylcyclohexane

Concen: 38.563 ug/l

RT: 9.356 min Scan# 11

Delta R.T. 0.007 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

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

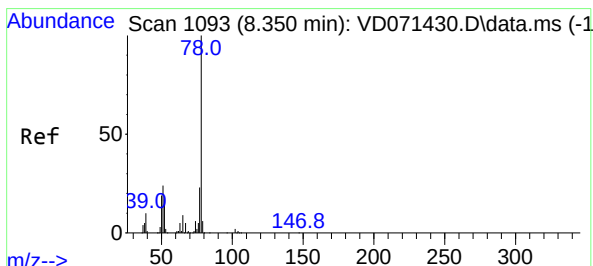
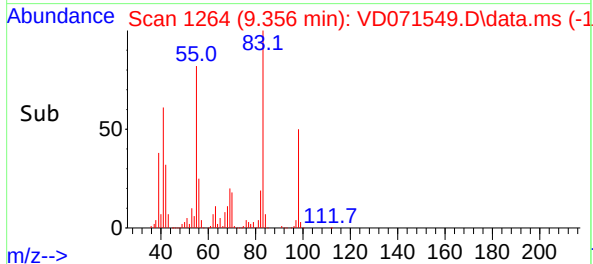
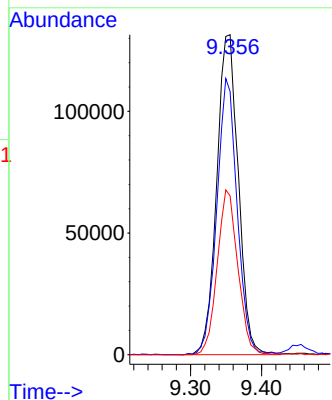
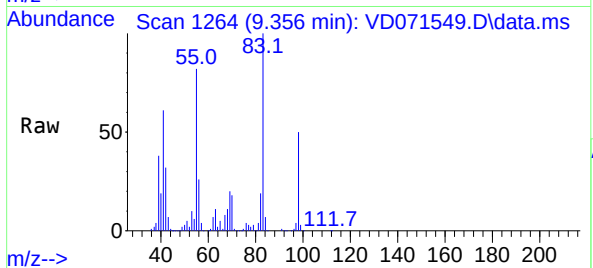
Tgt Ion: 83 Resp: 276827

Ion Ratio Lower Upper

83 100

55 82.2 65.8 98.8

98 49.6 38.7 58.1



#40

Benzene

Concen: 47.755 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071549.D

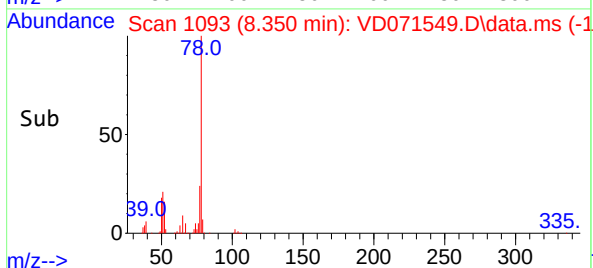
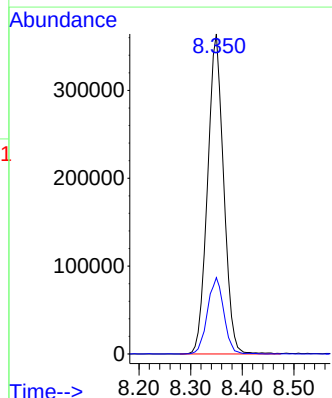
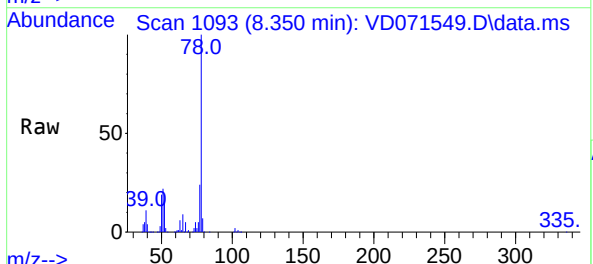
Acq: 30 Dec 2021 15:14

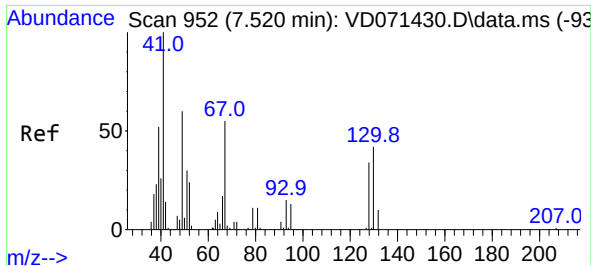
Tgt Ion: 78 Resp: 787278

Ion Ratio Lower Upper

78 100

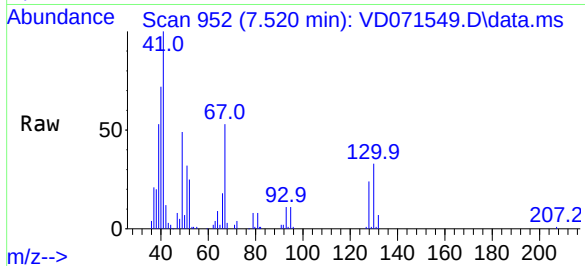
77 23.9 19.1 28.7



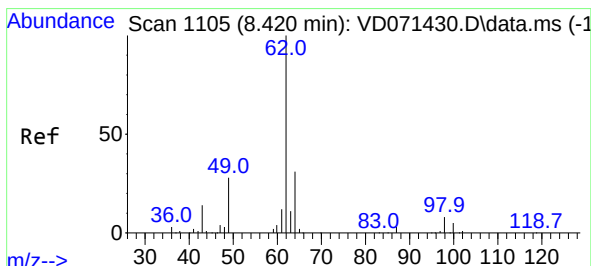
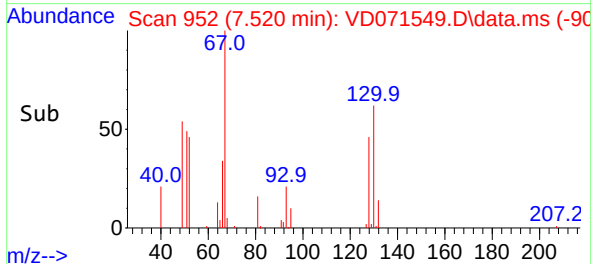
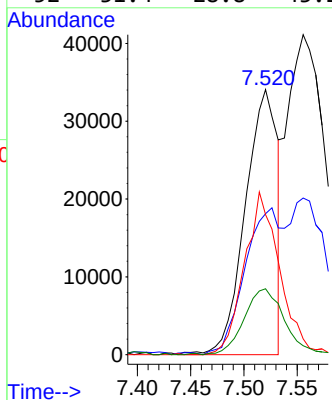


#41
Methacrylonitrile
Concen: 42.473 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

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

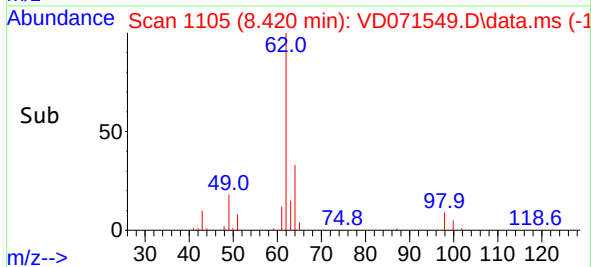
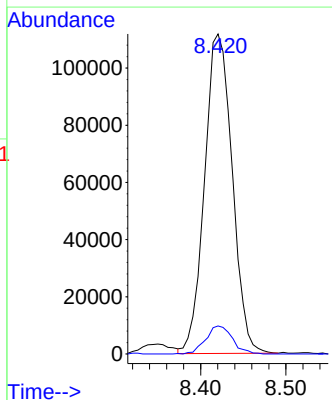
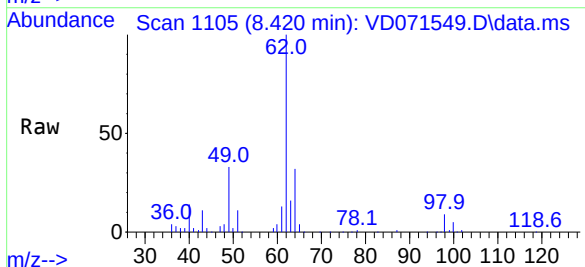


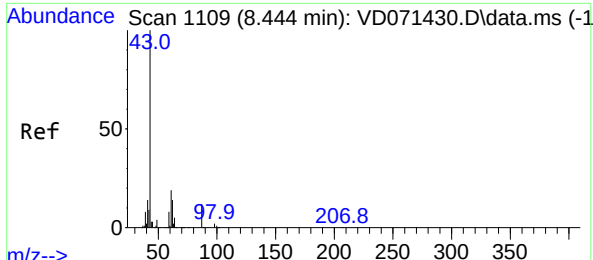
Tgt Ion: 41 Resp: 71423
Ion Ratio Lower Upper
41 100
39 66.0 60.2 90.4
67 67.4 74.8 112.2#
52 31.4 28.8 43.2



#42
1,2-Dichloroethane
Concen: 46.910 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 62 Resp: 252175
Ion Ratio Lower Upper
62 100
98 8.4 0.0 21.8





#43

Isopropyl Acetate

Concen: 43.959 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

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

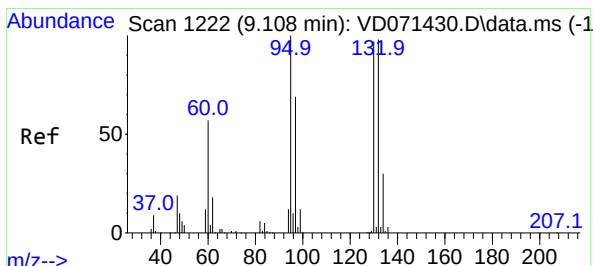
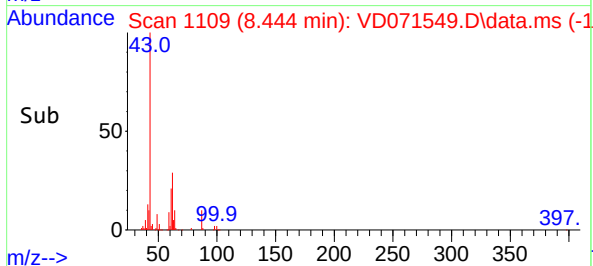
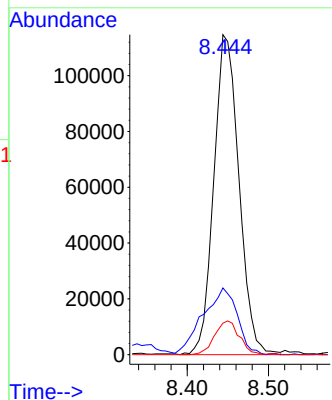
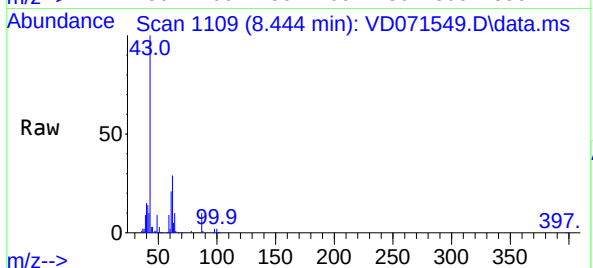
Tgt Ion: 43 Resp: 246978

Ion Ratio Lower Upper

43 100

61 28.5 28.2 42.4

87 10.4 10.7 16.1#



#44

Trichloroethene

Concen: 47.039 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD071549.D

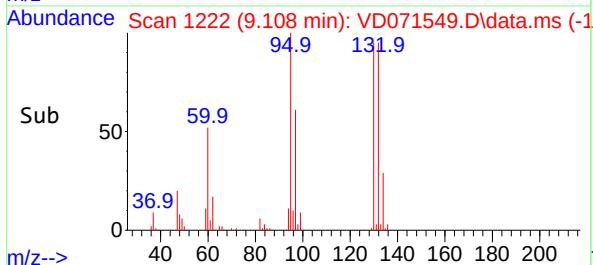
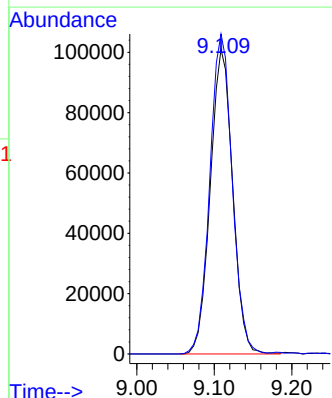
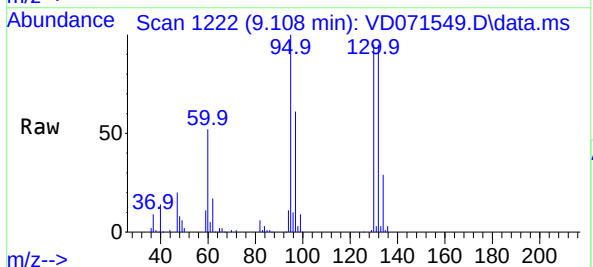
Acq: 30 Dec 2021 15:14

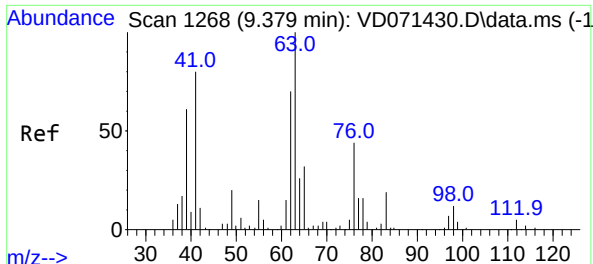
Tgt Ion:130 Resp: 202080

Ion Ratio Lower Upper

130 100

95 105.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 49.728 ug/l

RT: 9.385 min Scan# 1268

Delta R.T. 0.006 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

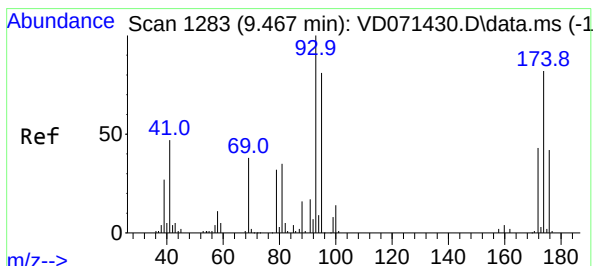
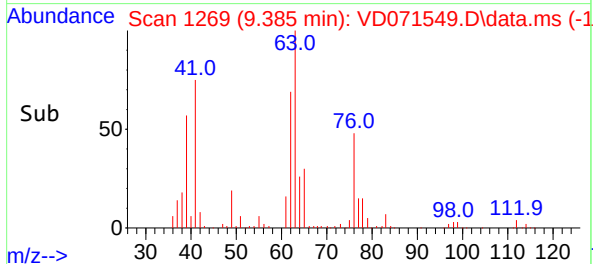
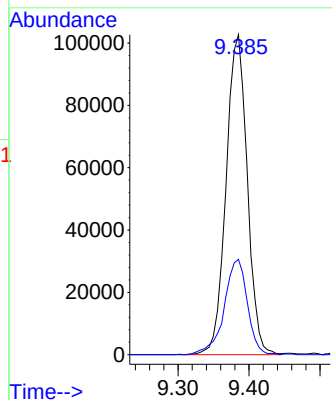
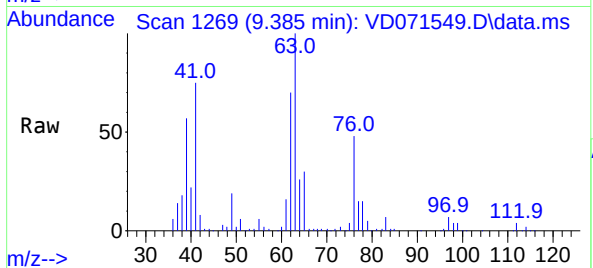
HB-2-(20-25)-12-17-21MS

Tgt Ion: 63 Resp: 212725

Ion Ratio Lower Upper

63 100

65 29.8 24.2 36.2



#46

Dibromomethane

Concen: 46.283 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

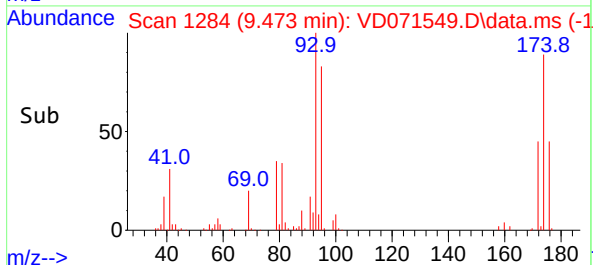
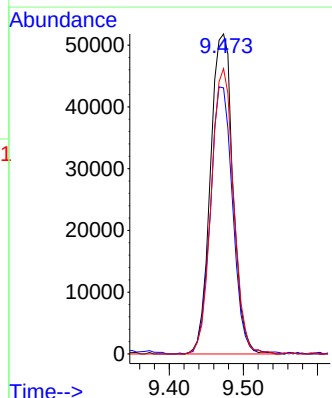
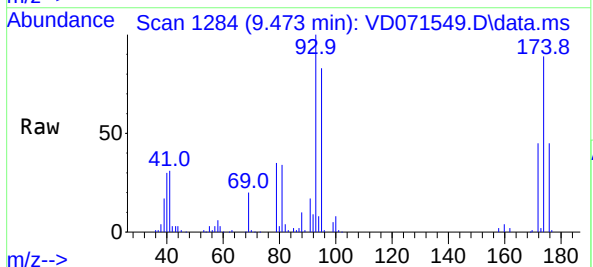
Tgt Ion: 93 Resp: 109384

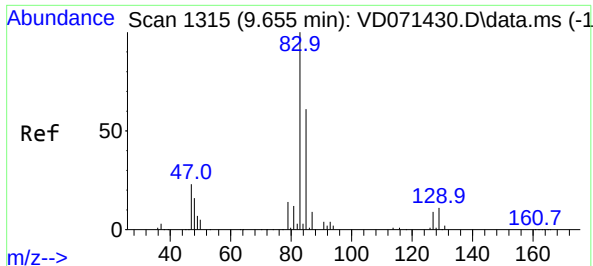
Ion Ratio Lower Upper

93 100

95 83.0 66.1 99.1

174 88.3 78.6 117.8

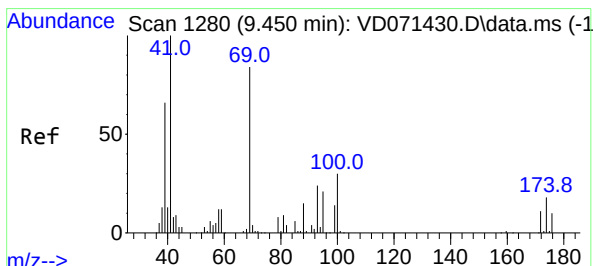
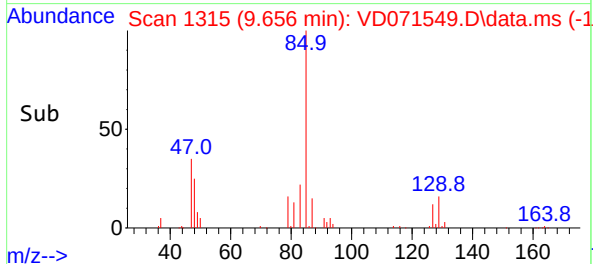
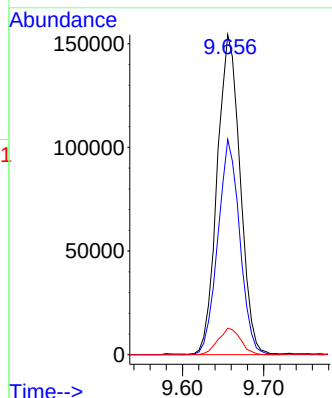
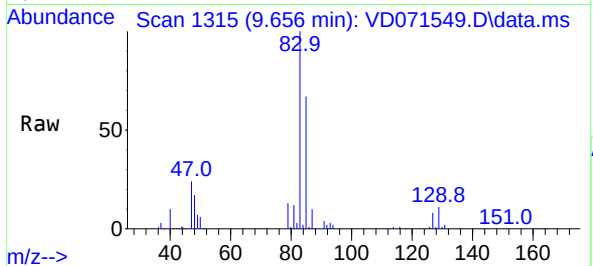




#47
Bromodichloromethane
Concen: 50.562 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

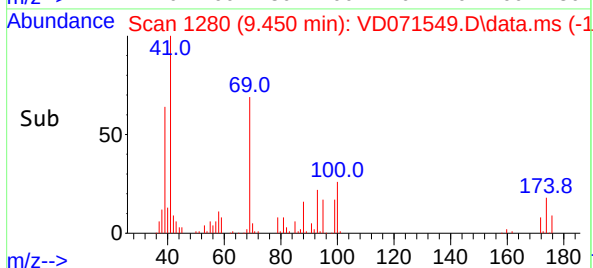
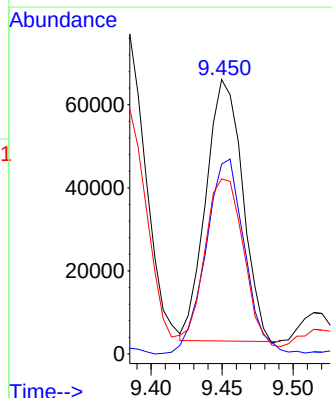
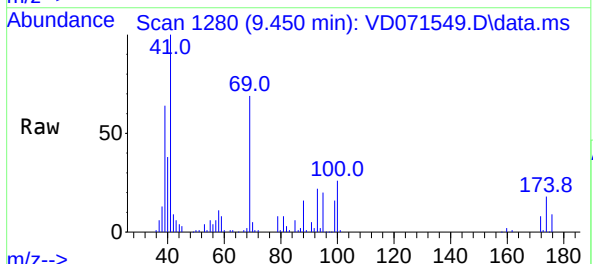
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

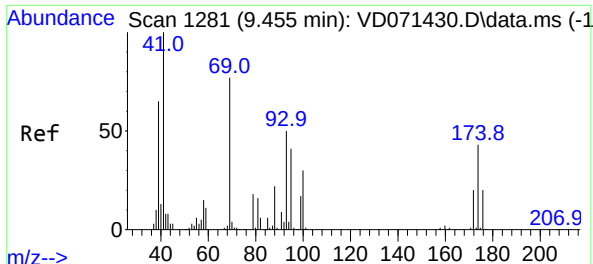
Tgt Ion: 83 Resp: 303385
Ion Ratio Lower Upper
83 100
85 67.0 50.0 75.0
127 8.3 7.3 10.9



#48
Methyl methacrylate
Concen: 40.628 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 41 Resp: 112957
Ion Ratio Lower Upper
41 100
69 79.2 69.8 104.6
39 74.8 35.6 53.4

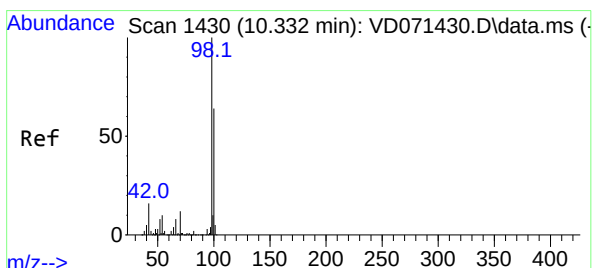
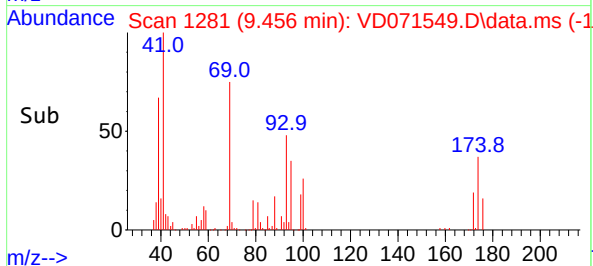
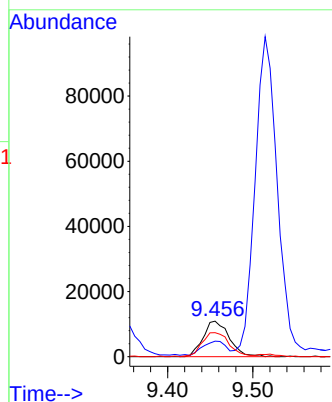
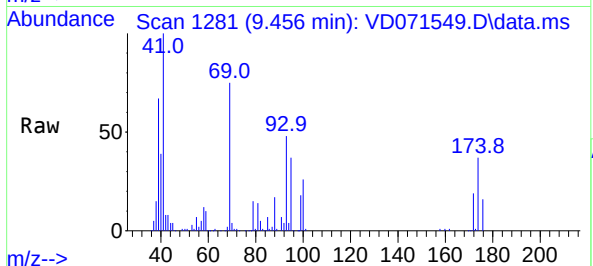




#49
1,4-Dioxane
Concen: 873.412 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

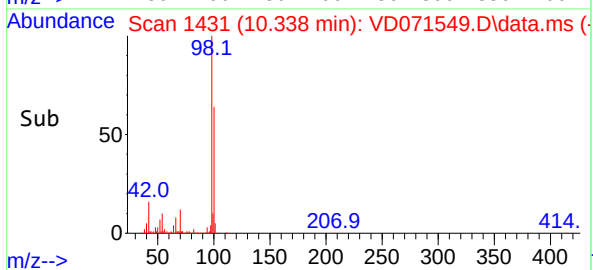
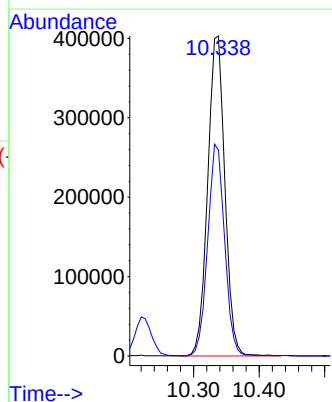
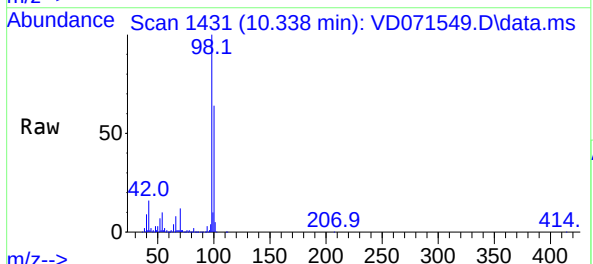
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

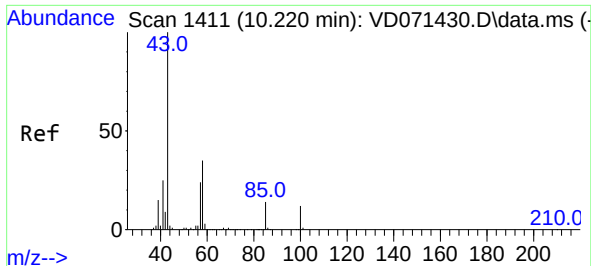
Tgt Ion: 88 Resp: 23326
Ion Ratio Lower Upper
88 100
43 36.6 28.9 43.3
58 70.9 56.3 84.5



#50
Toluene-d8
Concen: 50.644 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 98 Resp: 734619
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6

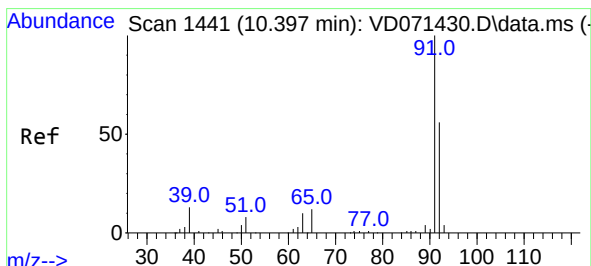
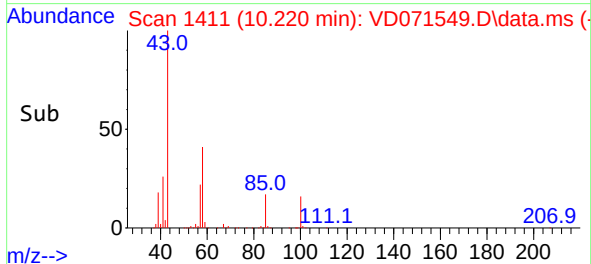
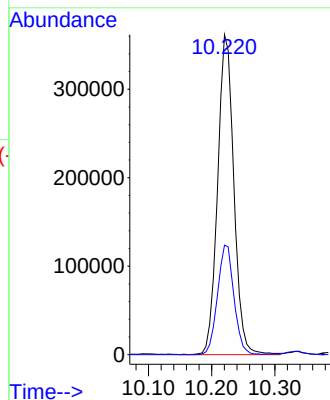
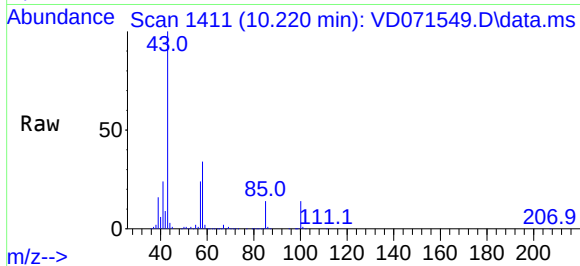




#51
4-Methyl-2-Pentanone
Concen: 218.973 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

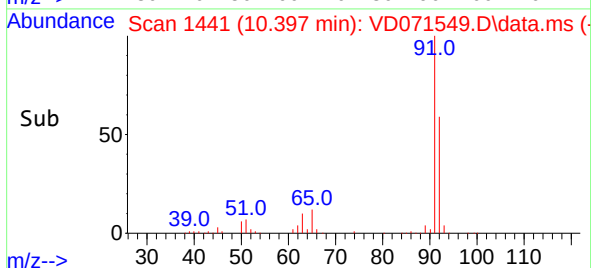
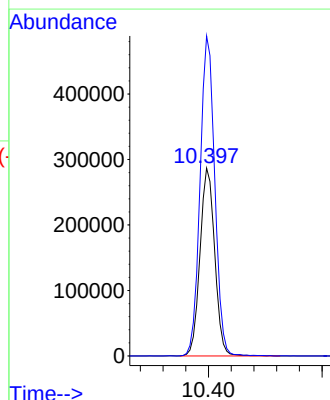
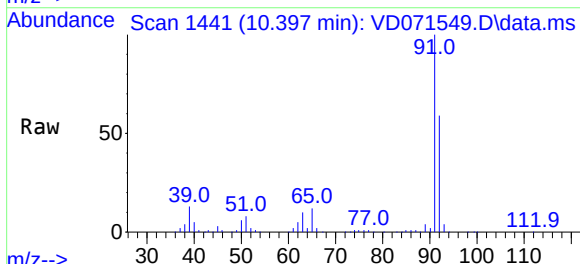
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

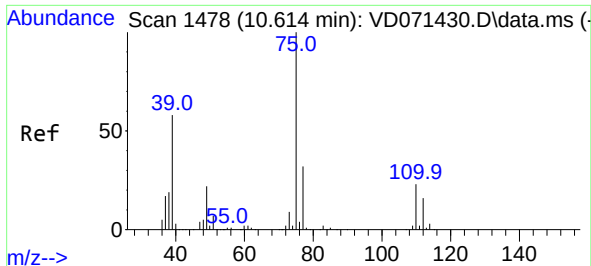
Tgt Ion: 43 Resp: 647264
Ion Ratio Lower Upper
43 100
58 34.6 33.1 49.7



#52
Toluene
Concen: 49.332 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 92 Resp: 516619
Ion Ratio Lower Upper
92 100
91 170.2 140.7 211.1

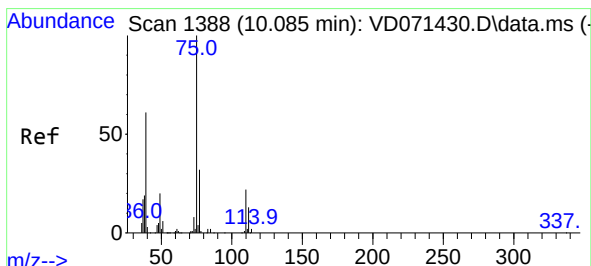
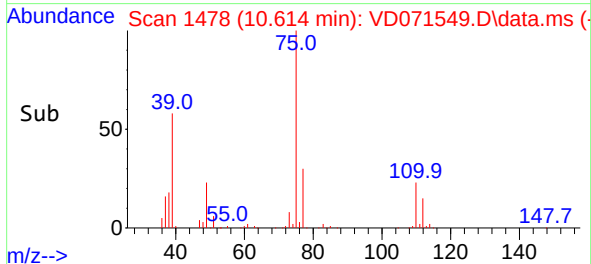
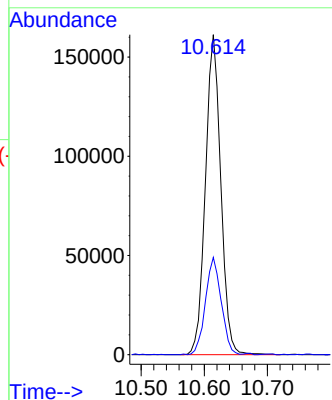
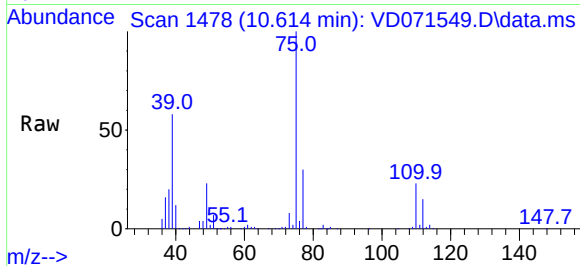




#53
t-1,3-Dichloropropene
Concen: 48.690 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

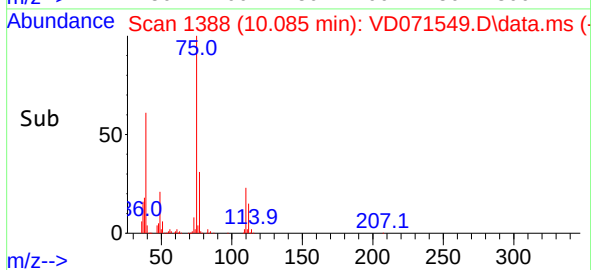
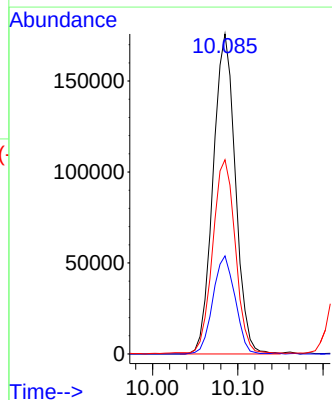
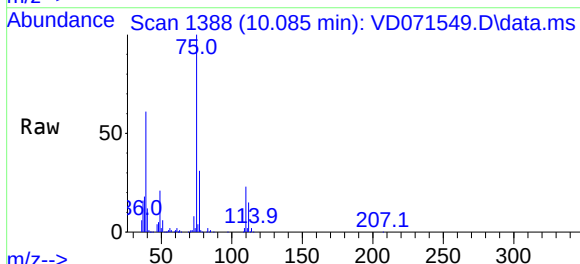
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

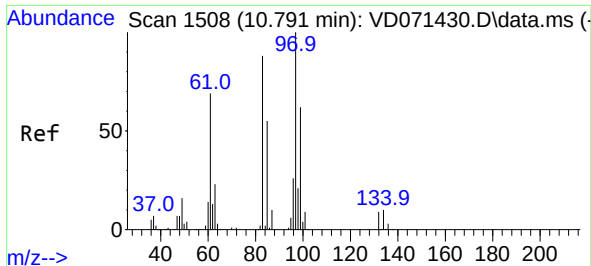
Tgt Ion: 75 Resp: 272817
Ion Ratio Lower Upper
75 100
77 30.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 49.377 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 75 Resp: 319699
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6
39 60.4 31.6 47.4#



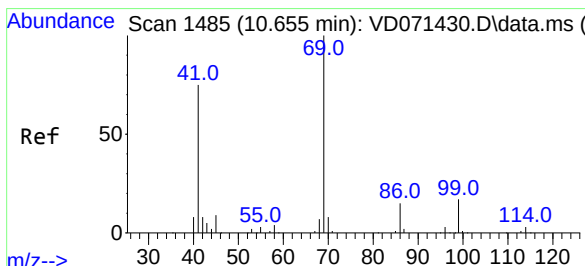
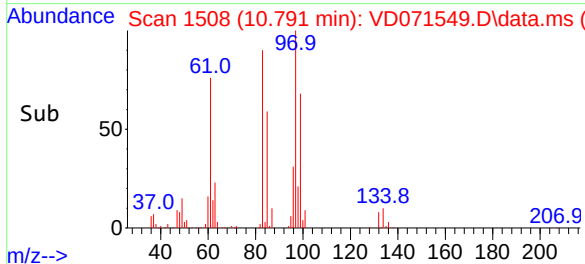
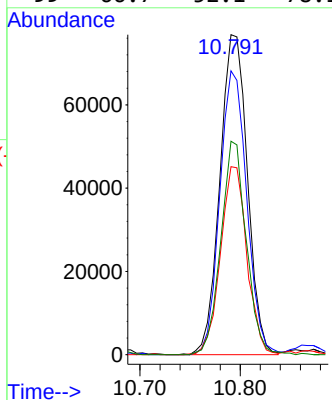
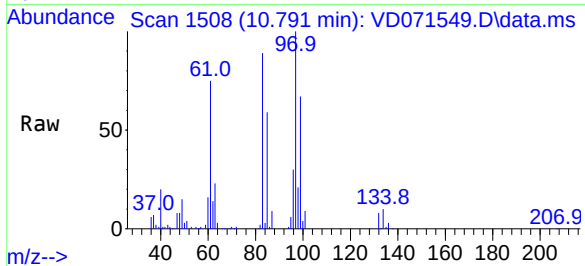


#55
1,1,2-Trichloroethane
Concen: 48.870 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

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

Tgt Ion: 97 Resp: 146603

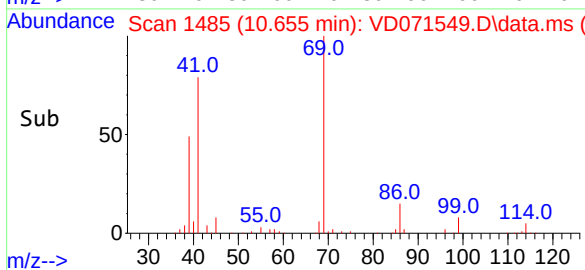
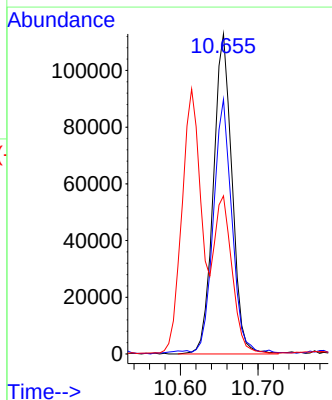
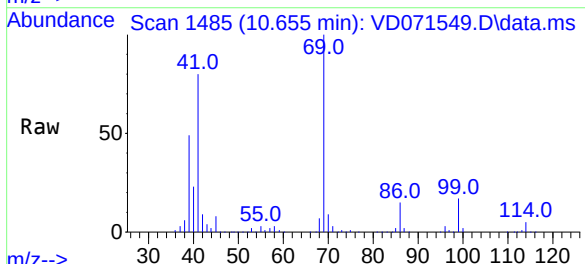
Ion	Ratio	Lower	Upper
97	100		
83	88.7	65.2	97.8
85	58.7	43.4	65.0
99	66.7	52.1	78.1

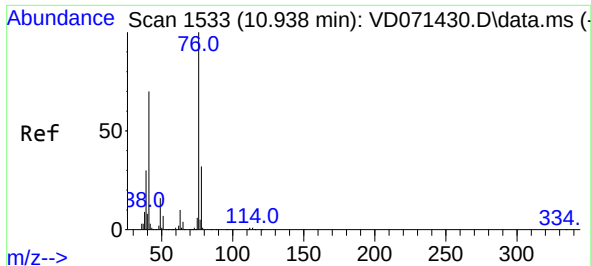


#56
Ethyl methacrylate
Concen: 47.875 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 69 Resp: 188991

Ion	Ratio	Lower	Upper
69	100		
41	78.4	50.2	75.2#
39	45.4	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 47.150 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

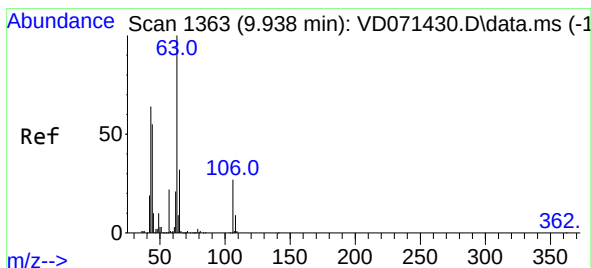
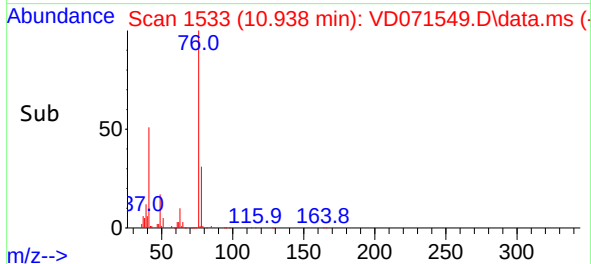
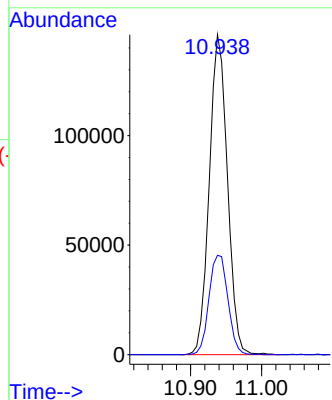
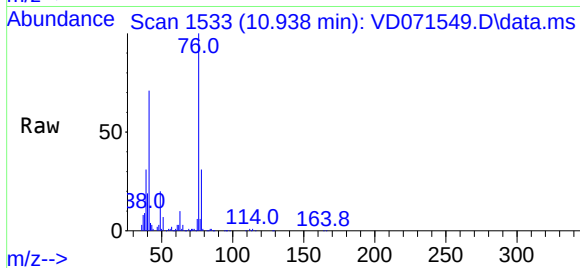
HB-2-(20-25)-12-17-21MS

Tgt Ion: 76 Resp: 259084

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 226.348 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071549.D

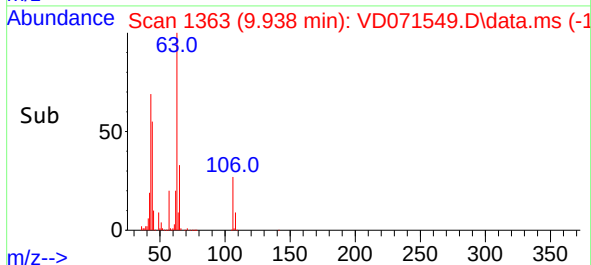
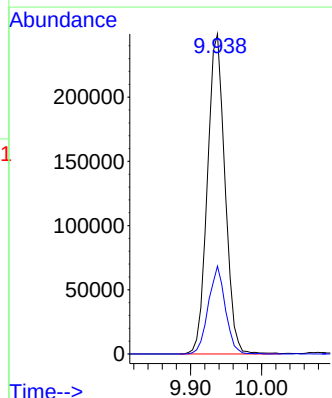
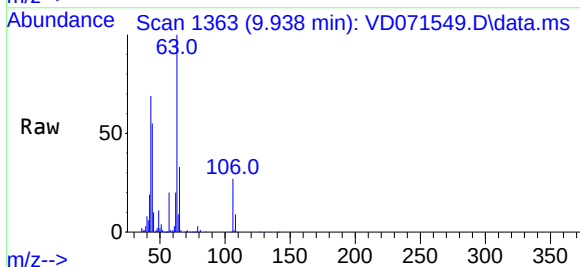
Acq: 30 Dec 2021 15:14

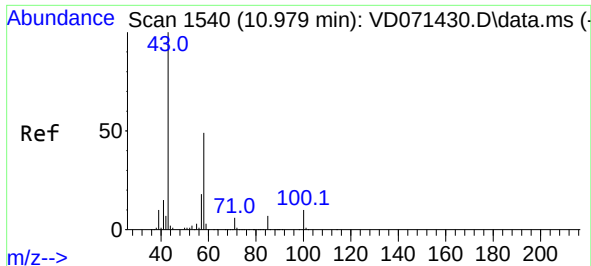
Tgt Ion: 63 Resp: 428016

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4

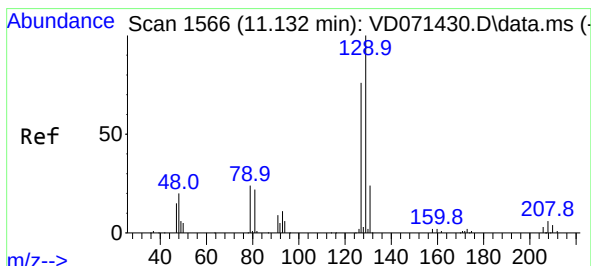
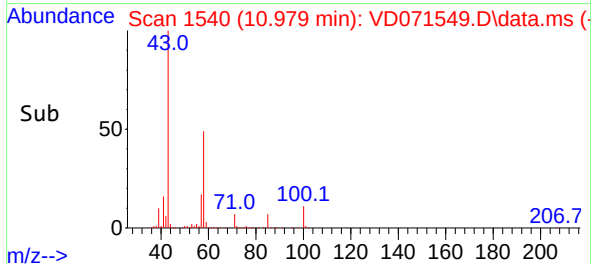
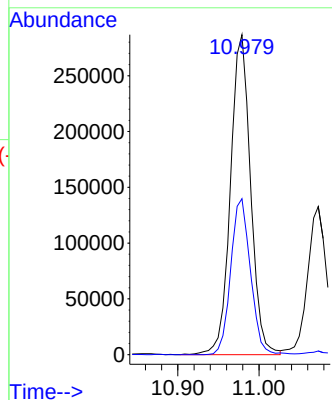
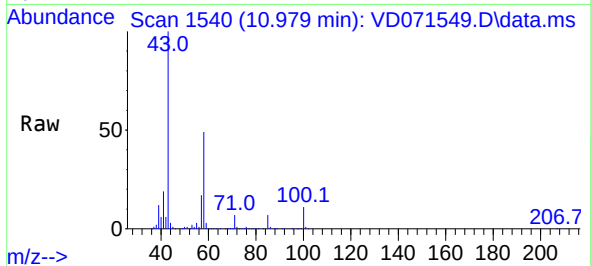




#59
2-Hexanone
Concen: 236.259 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

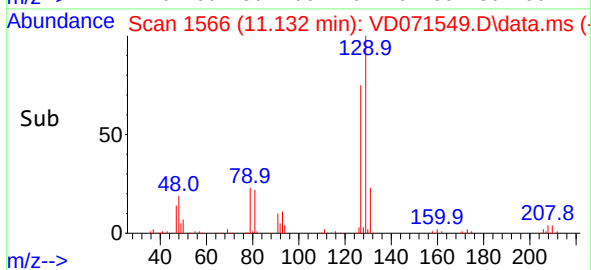
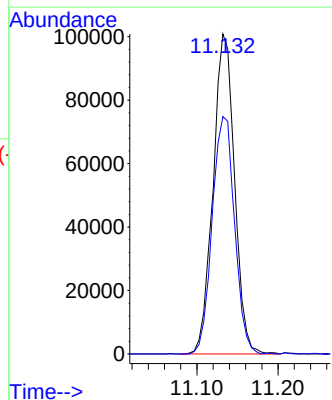
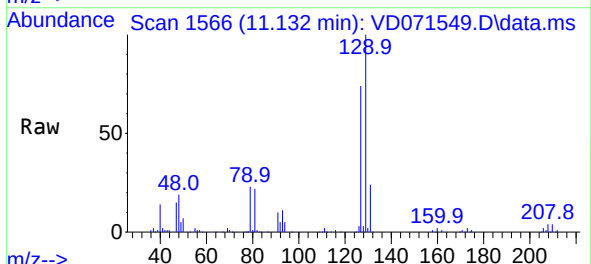
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

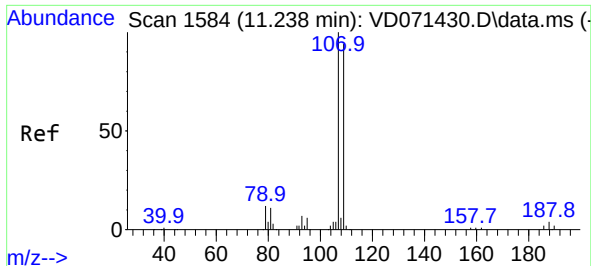
Tgt Ion: 43 Resp: 493636
Ion Ratio Lower Upper
43 100
58 47.7 28.7 86.1



#60
Dibromochloromethane
Concen: 49.116 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion:129 Resp: 185218
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

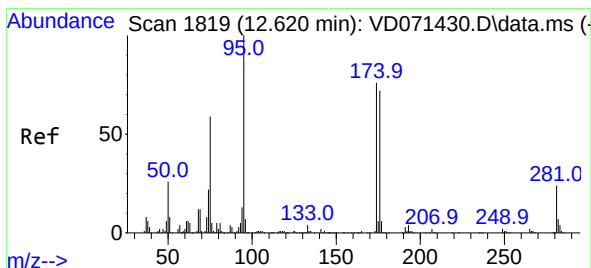
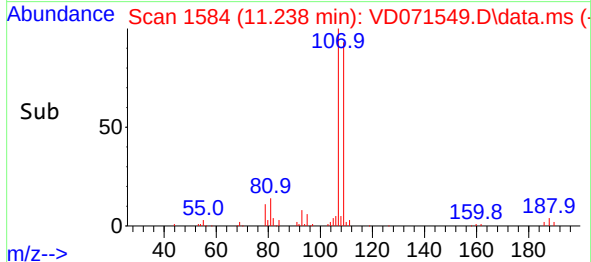
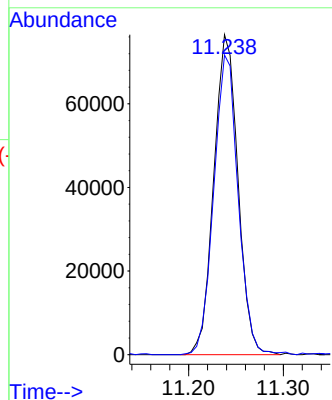
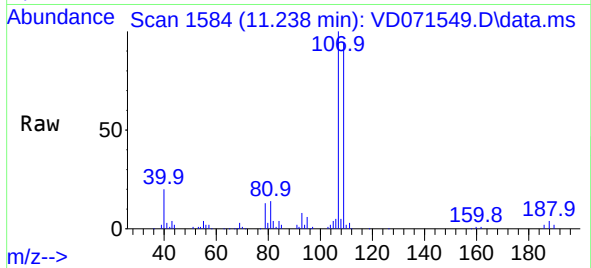




#61
1,2-Dibromoethane
Concen: 45.585 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

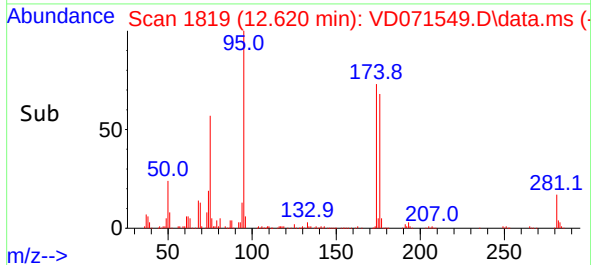
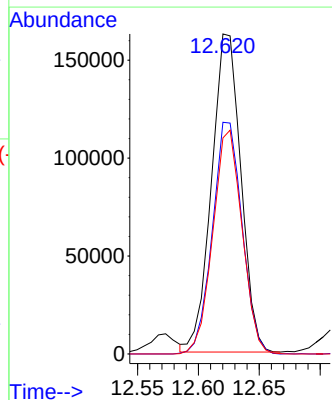
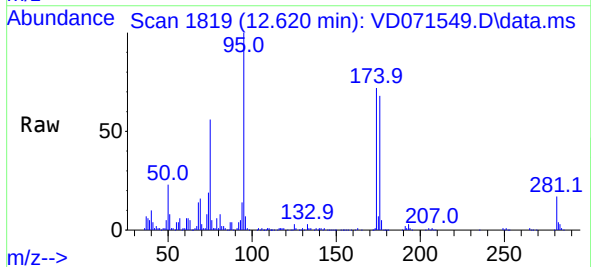
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

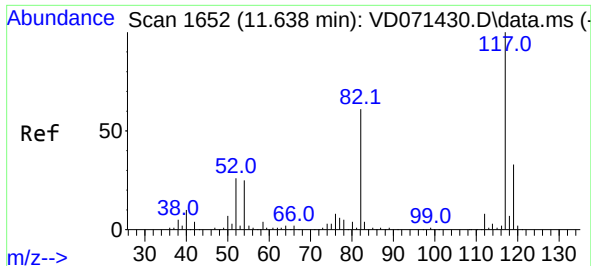
Tgt Ion:107 Resp: 135445
Ion Ratio Lower Upper
107 100
109 94.7 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 52.744 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 95 Resp: 271871
Ion Ratio Lower Upper
95 100
174 73.7 0.0 159.4
176 70.2 0.0 154.0

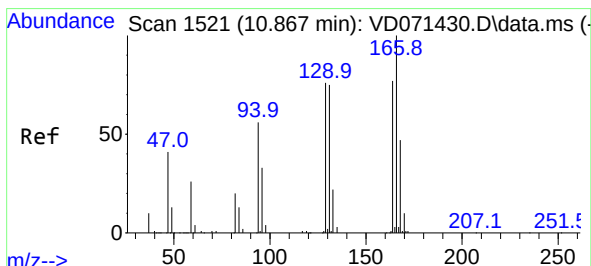
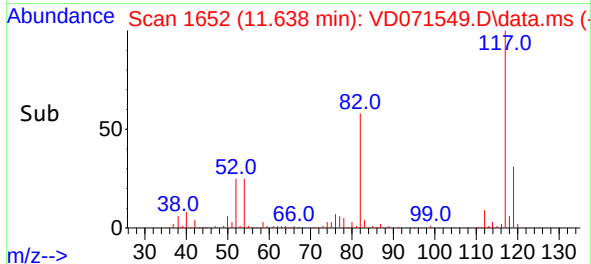
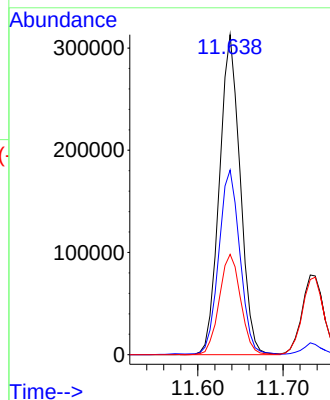
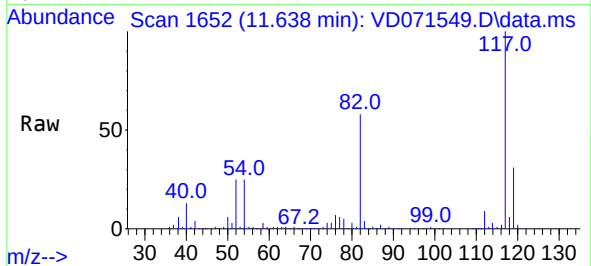




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1163
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

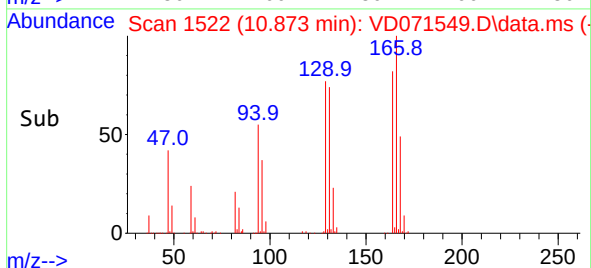
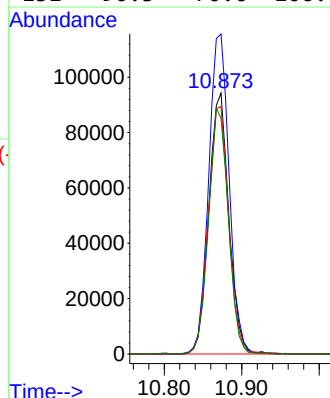
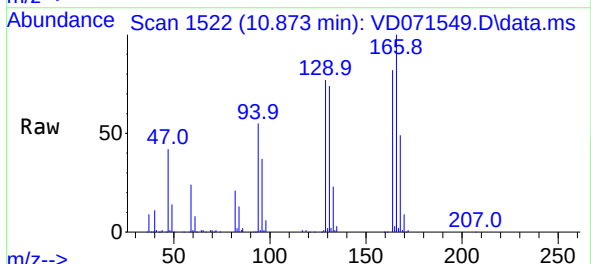
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

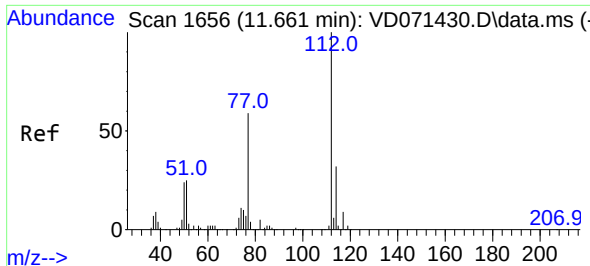
Tgt Ion:117 Resp: 528814
Ion Ratio Lower Upper
117 100
82 57.6 44.7 67.1
119 31.3 26.2 39.4



#64
Tetrachloroethene
Concen: 46.155 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion:164 Resp: 169612
Ion Ratio Lower Upper
164 100
166 122.7 102.6 153.8
129 94.8 75.4 113.0
131 90.3 70.6 106.0

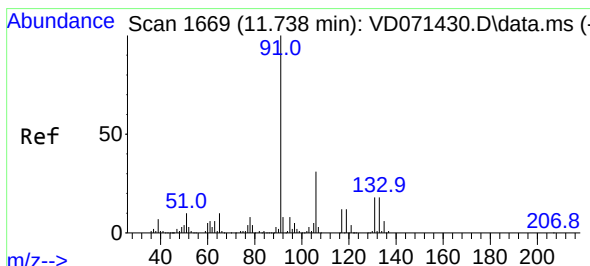
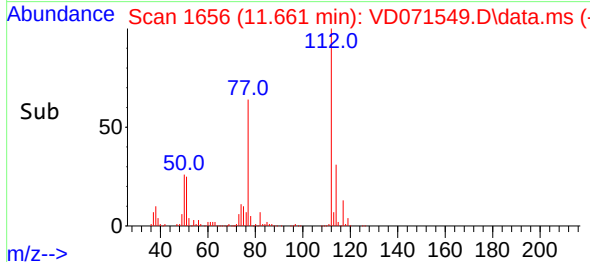
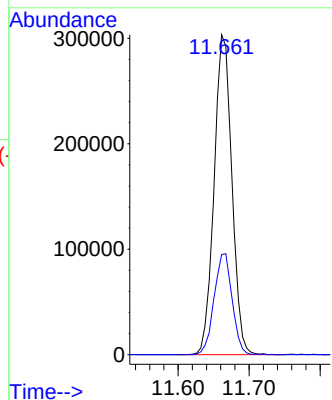
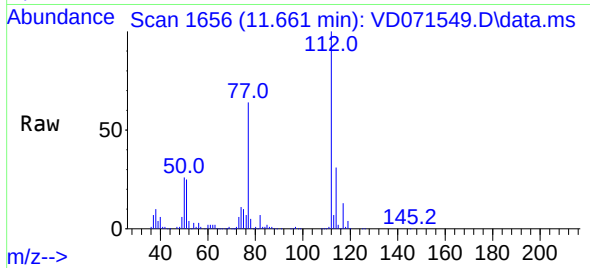




#65
Chlorobenzene
Concen: 48.668 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

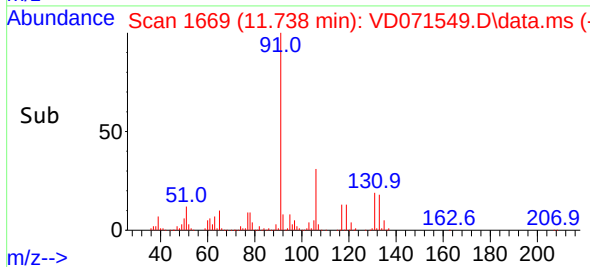
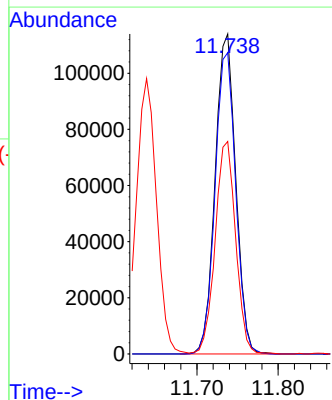
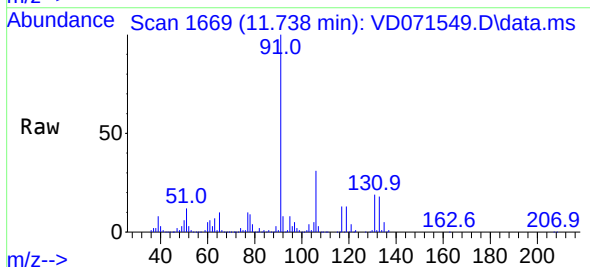
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

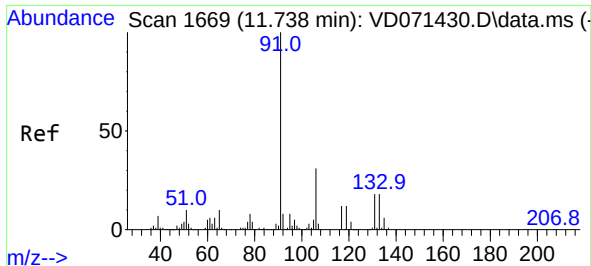
Tgt Ion:112 Resp: 527916
Ion Ratio Lower Upper
112 100
114 31.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 50.685 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion:131 Resp: 200850
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.0
119 66.2 33.5 100.4

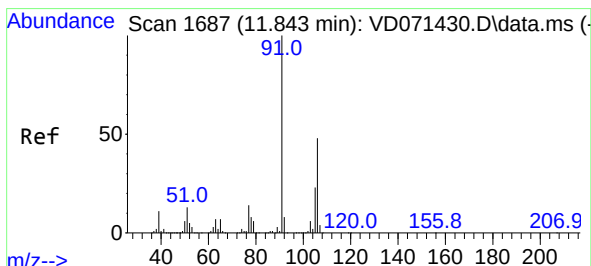
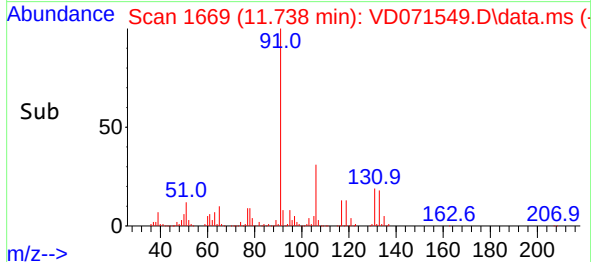
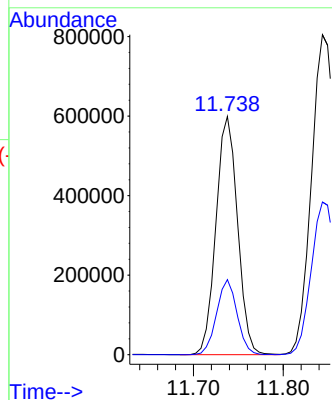
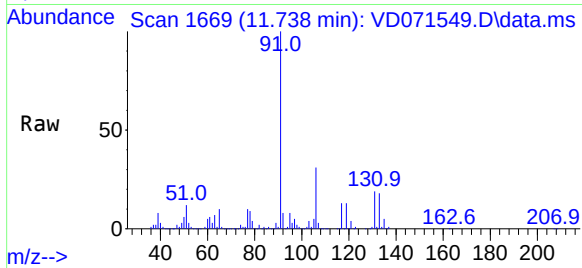




#67
Ethyl Benzene
Concen: 49.530 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

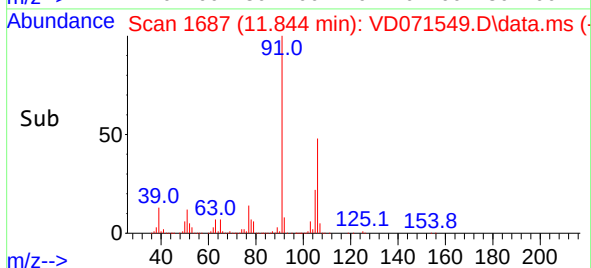
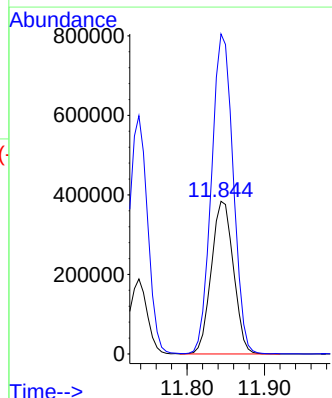
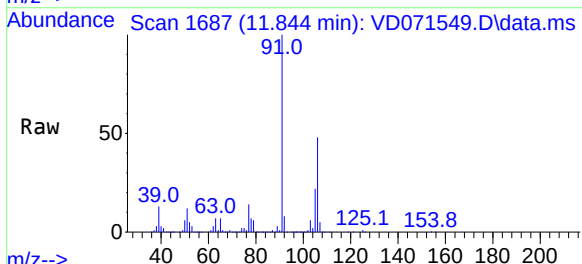
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

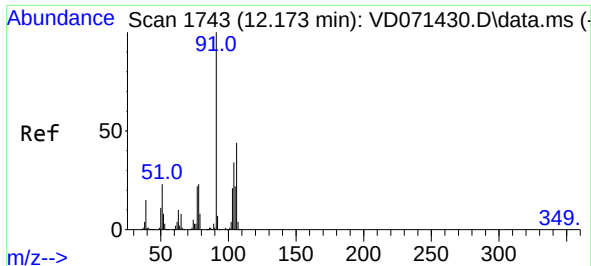
Tgt Ion: 91 Resp: 999877
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 99.231 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 106 Resp: 761054
Ion Ratio Lower Upper
106 100
91 205.6 160.1 240.1

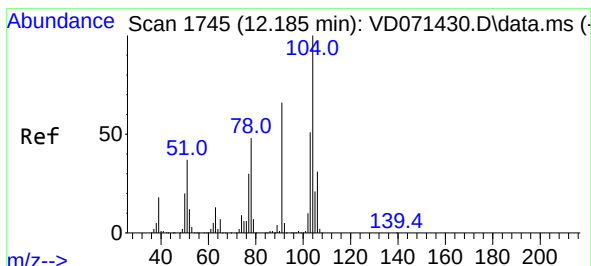
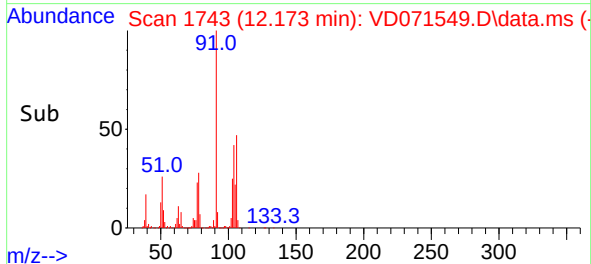
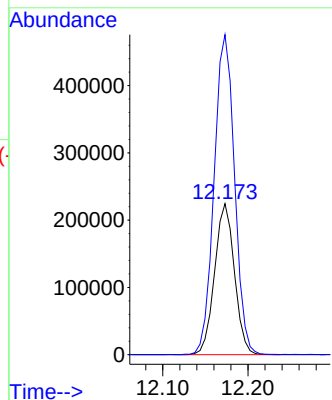
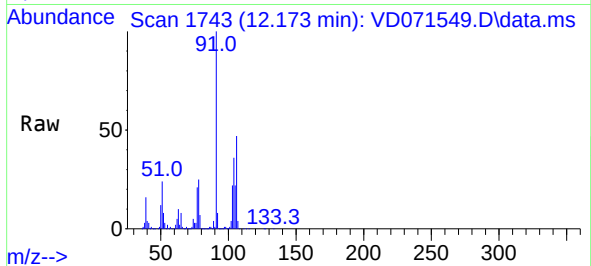




#69
o-Xylene
Concen: 51.655 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

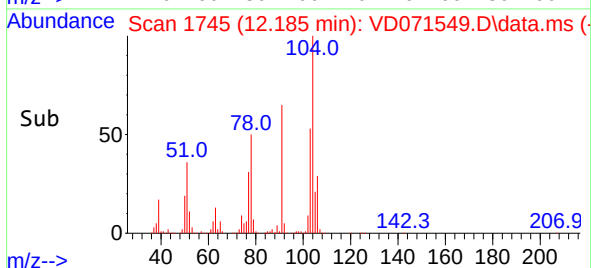
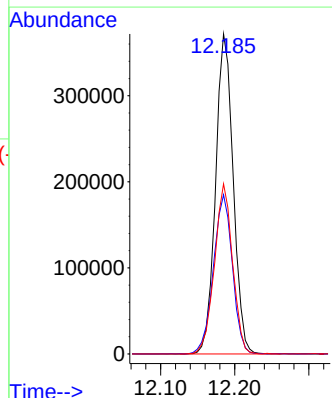
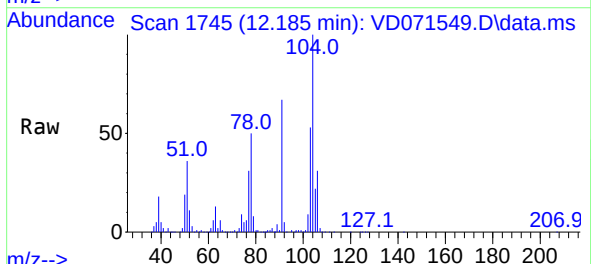
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

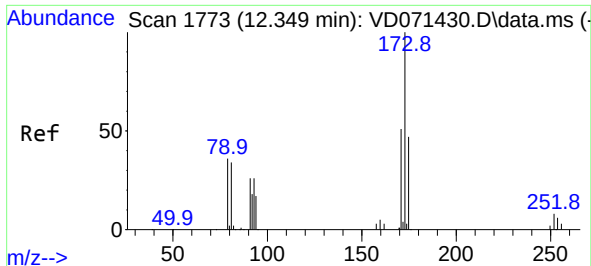
Tgt Ion:106 Resp: 362128
Ion Ratio Lower Upper
106 100
91 219.0 106.3 319.0



#70
Styrene
Concen: 50.338 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

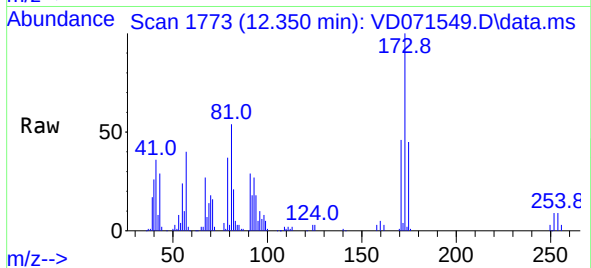
Tgt Ion:104 Resp: 613046
Ion Ratio Lower Upper
104 100
78 53.8 39.4 59.0
103 54.8 43.4 65.0



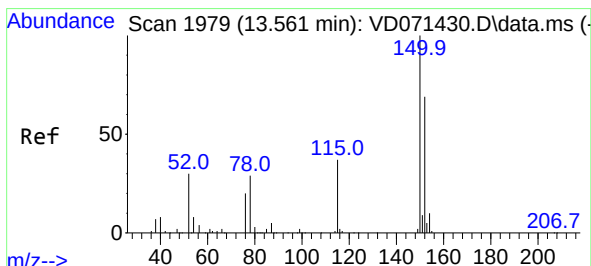
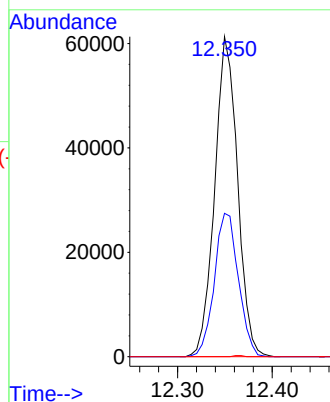
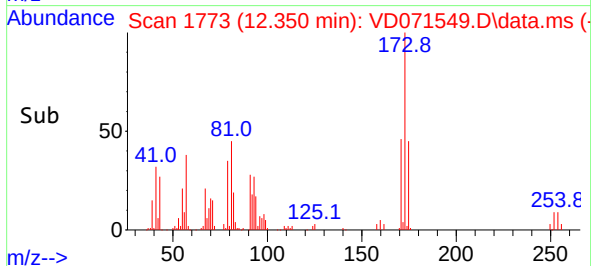


#71
Bromoform
Concen: 48.003 ug/l
RT: 12.350 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

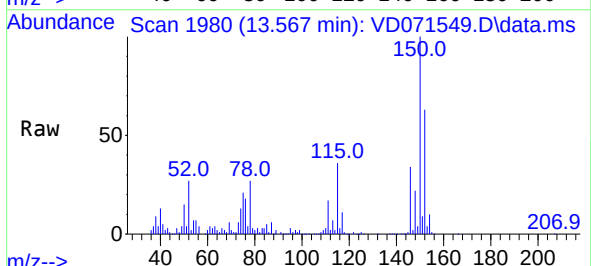
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS



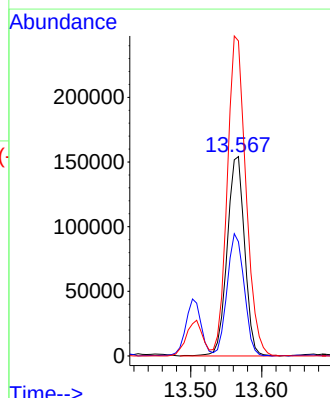
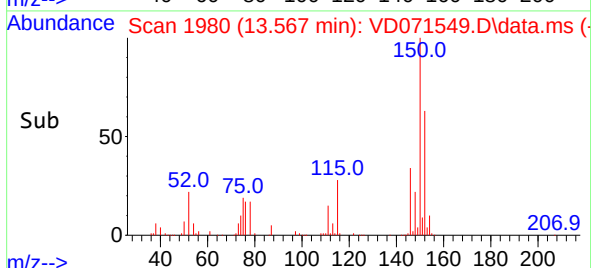
Tgt Ion:173 Resp: 102934
Ion Ratio Lower Upper
173 100
175 47.1 24.1 72.2
254 0.1 0.1 0.1#

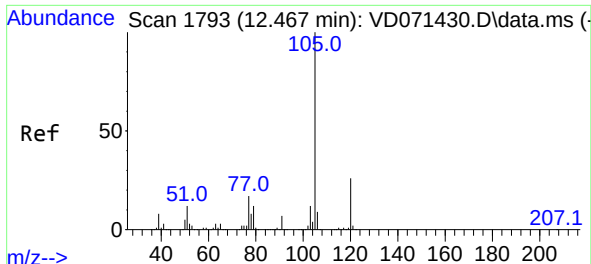


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14



Tgt Ion:152 Resp: 263974
Ion Ratio Lower Upper
152 100
115 59.7 29.8 89.3
150 171.3 0.0 349.2

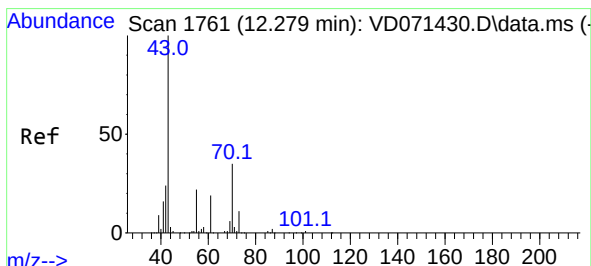
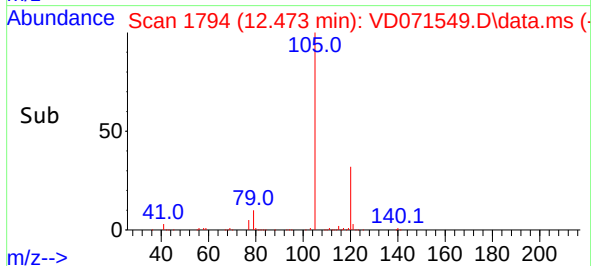
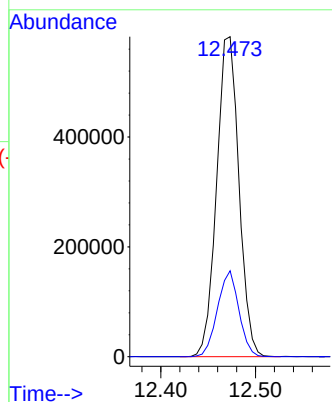
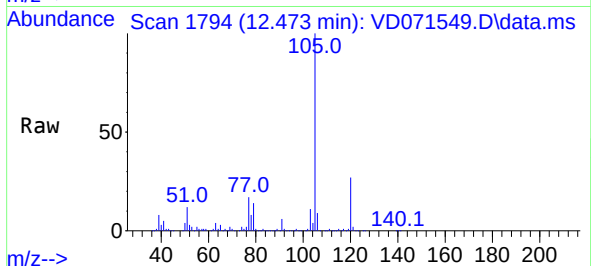




#73
Isopropylbenzene
Concen: 46.814 ug/l
RT: 12.473 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

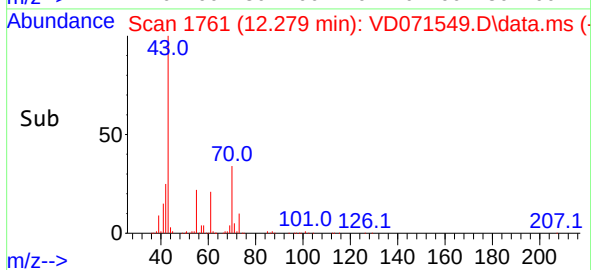
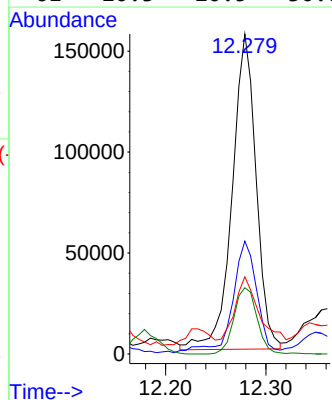
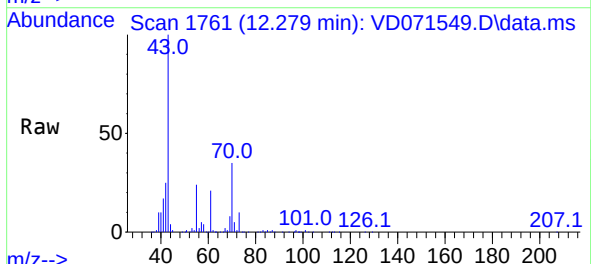
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

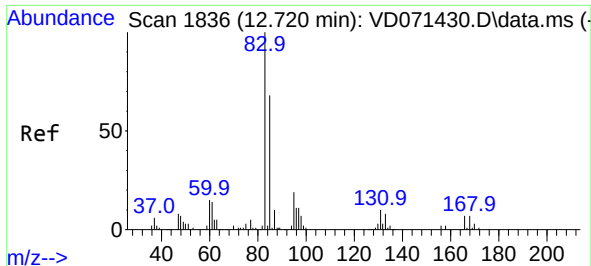
Tgt Ion:105 Resp: 952727
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5



#74
N-ethyl acetate
Concen: 47.650 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 43 Resp: 260176
Ion Ratio Lower Upper
43 100
70 35.7 36.6 55.0#
55 18.5 22.5 33.7#
61 20.3 20.5 30.7#

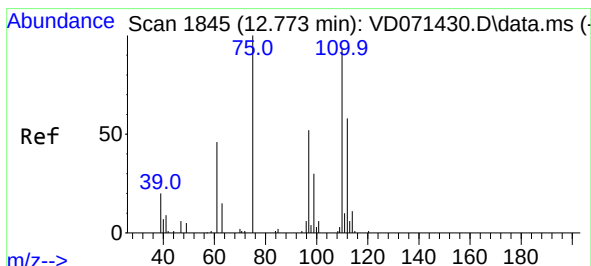
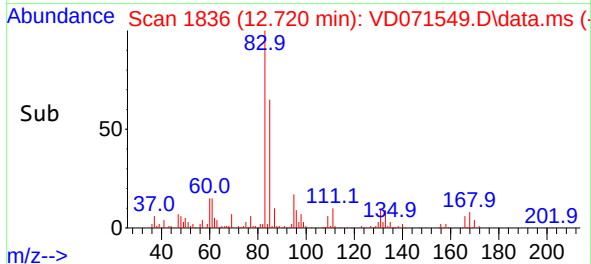
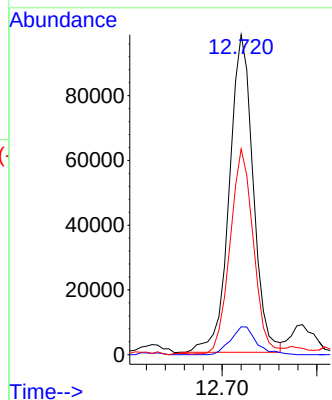
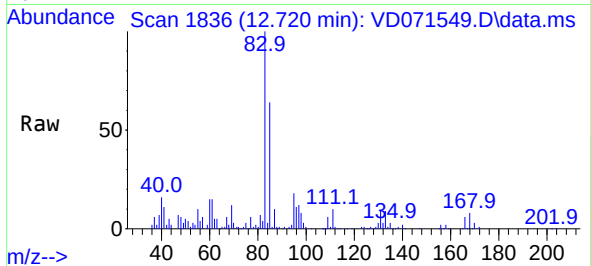




#75
1,1,2,2-Tetrachloroethane
Concen: 46.638 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

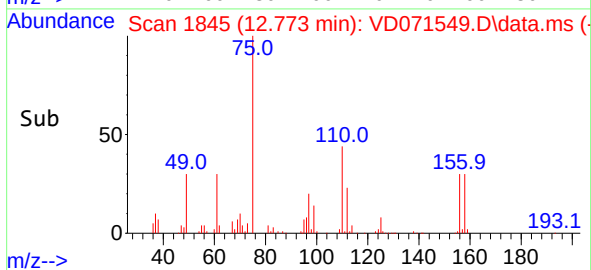
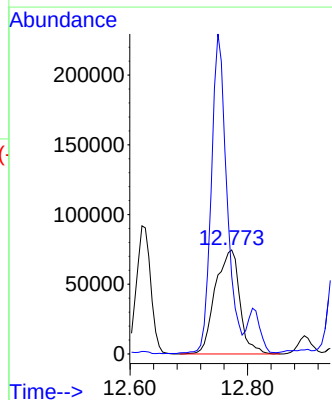
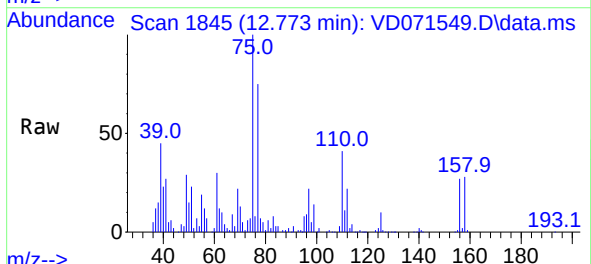
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

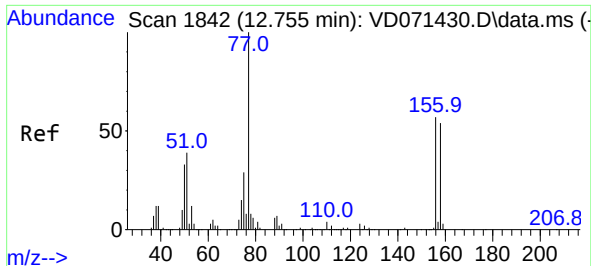
Tgt Ion: 83 Resp: 171598
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 63.1 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 68.703 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 75 Resp: 215487
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

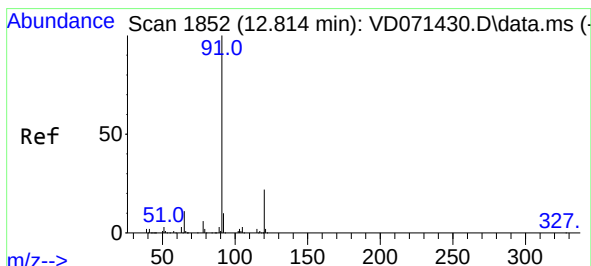
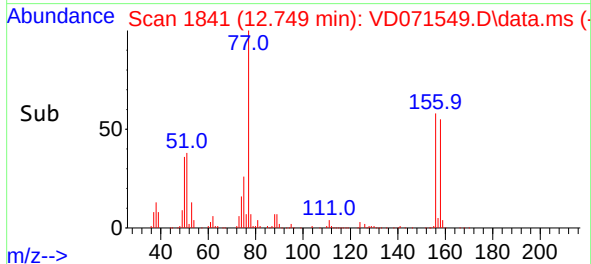
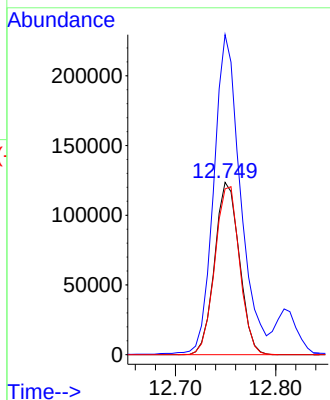
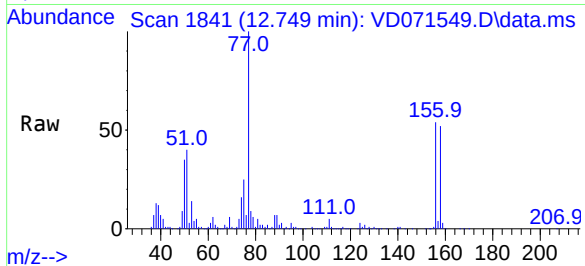




#77
Bromobenzene
Concen: 46.691 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

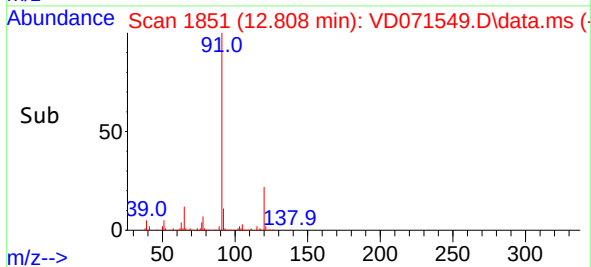
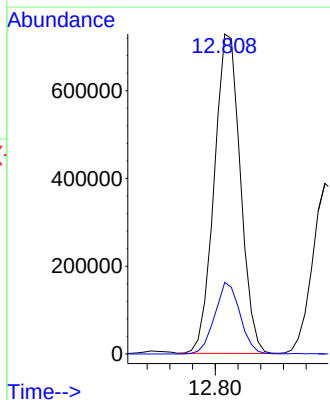
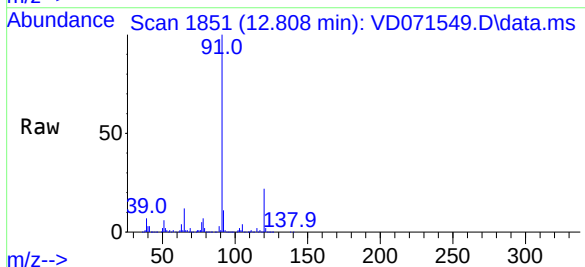
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

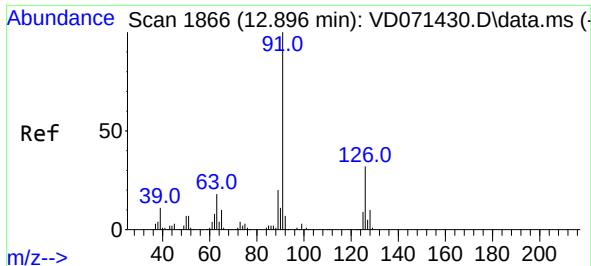
Tgt Ion:156 Resp: 211443
Ion Ratio Lower Upper
156 100
77 200.2 96.6 289.8
158 97.8 49.1 147.4



#78
n-propylbenzene
Concen: 45.583 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 91 Resp: 1162777
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 47.071 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.001 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

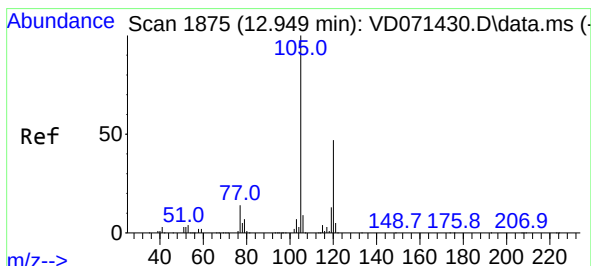
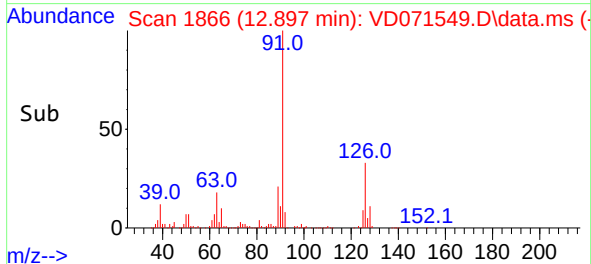
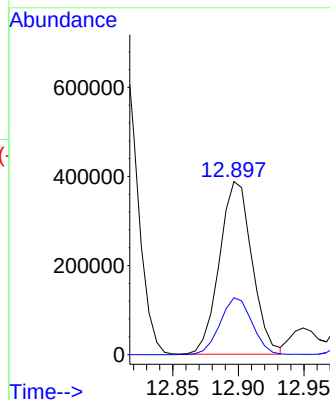
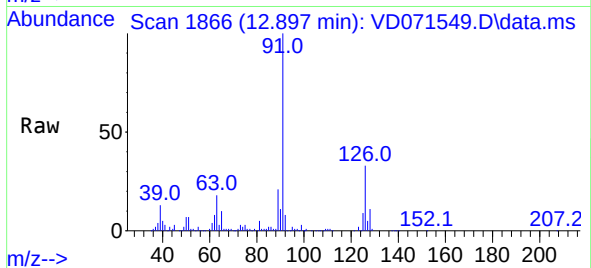
HB-2-(20-25)-12-17-21MS

Tgt Ion: 91 Resp: 671045

Ion Ratio Lower Upper

91 100

126 32.5 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 46.418 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071549.D

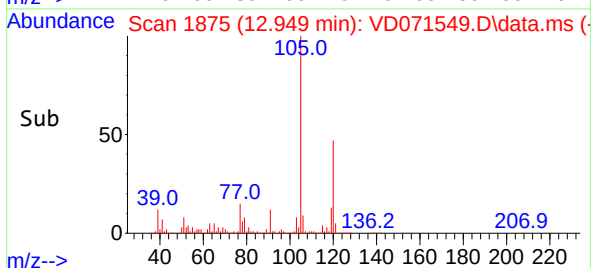
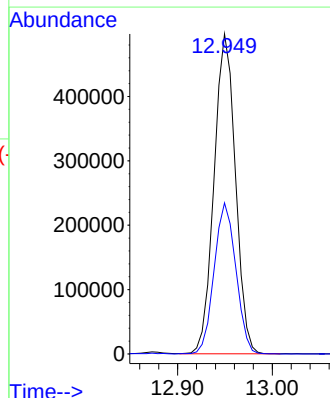
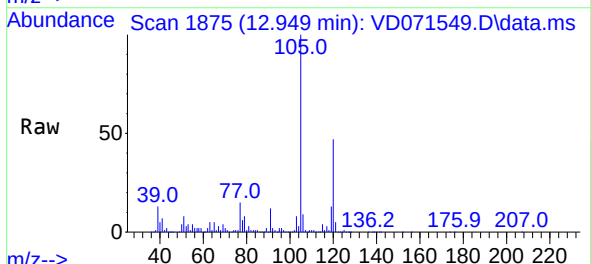
Acq: 30 Dec 2021 15:14

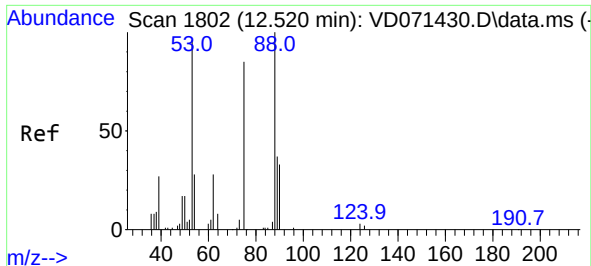
Tgt Ion:105 Resp: 779188

Ion Ratio Lower Upper

105 100

120 48.0 24.6 73.8

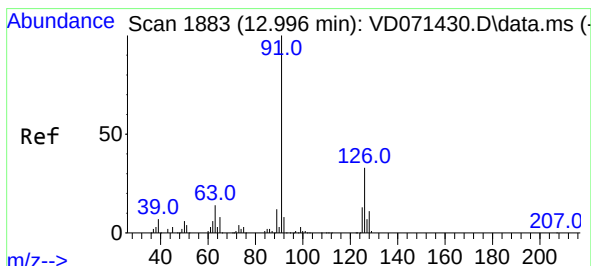
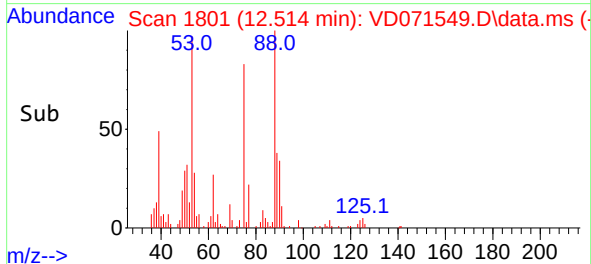
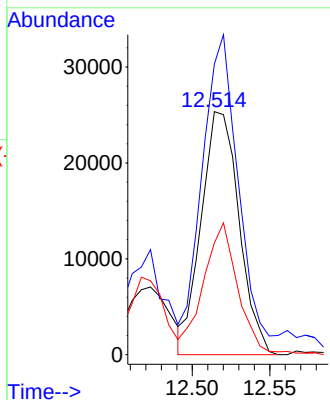
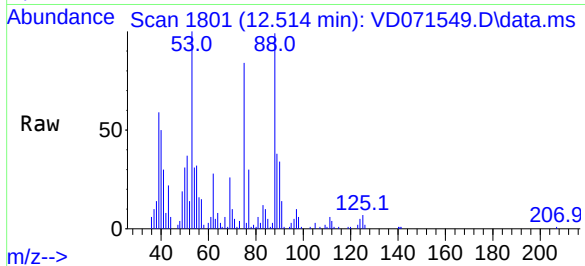




#81
trans-1,4-Dichloro-2-butene
Concen: 38.773 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

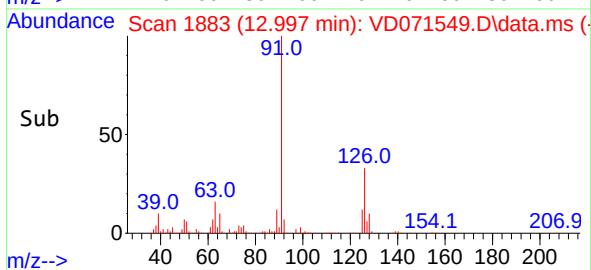
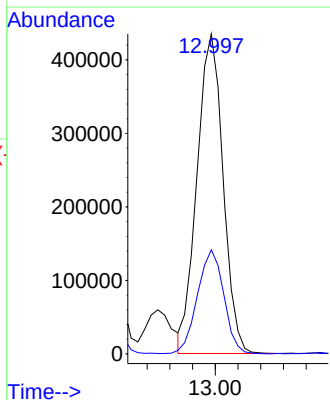
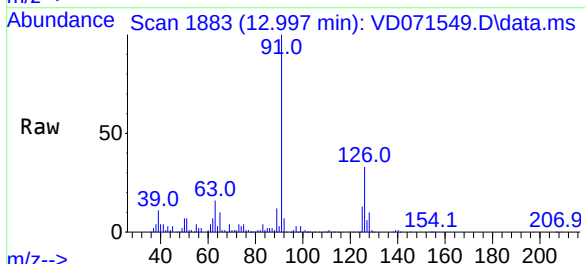
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

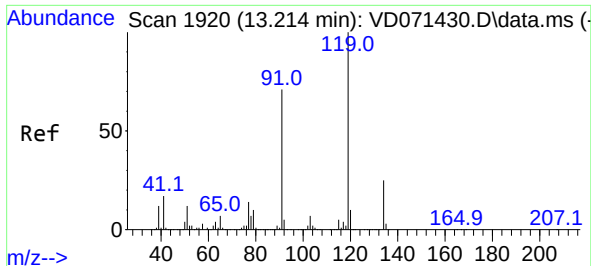
Tgt Ion: 75 Resp: 43040
Ion Ratio Lower Upper
75 100
53 111.2 62.6 94.0#
89 49.8 34.5 51.7



#82
4-Chlorotoluene
Concen: 46.931 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 91 Resp: 693982
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.1

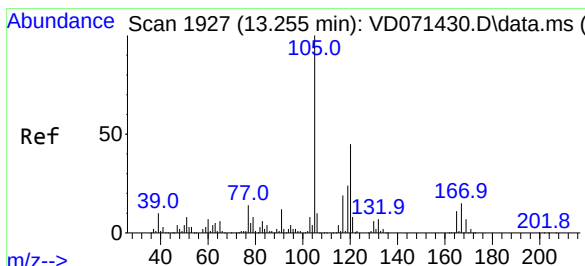
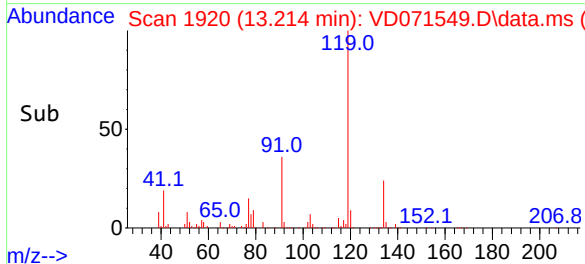
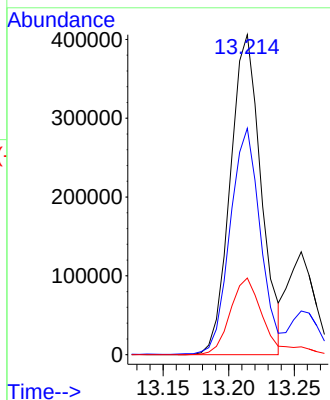
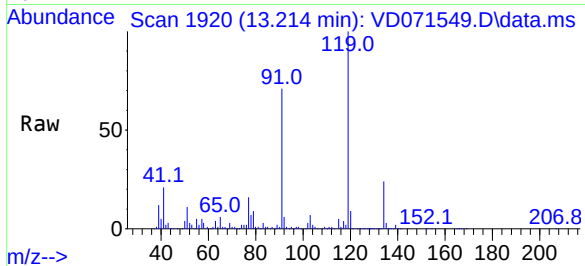




#83
tert-Butylbenzene
Concen: 46.372 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

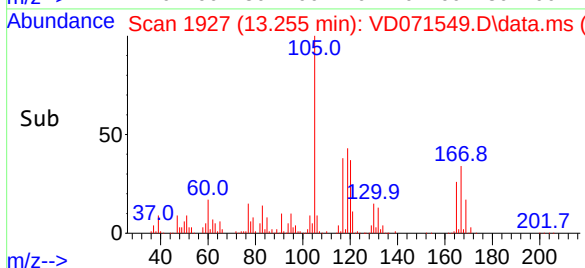
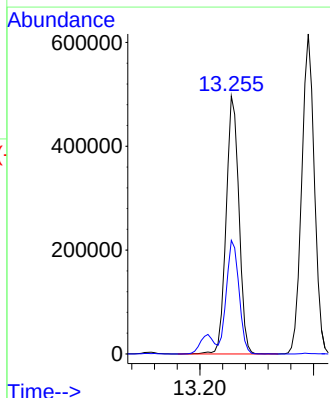
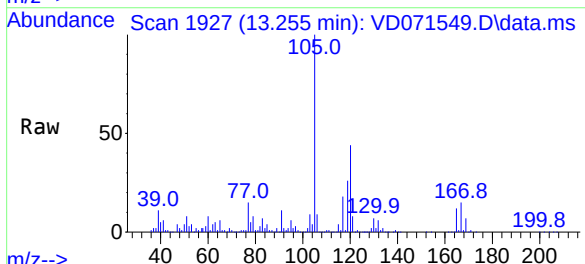
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

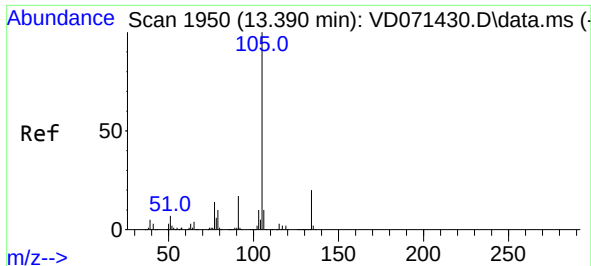
Tgt Ion:119 Resp: 665154
Ion Ratio Lower Upper
119 100
91 70.6 32.5 97.5
134 26.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 46.929 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion:105 Resp: 779661
Ion Ratio Lower Upper
105 100
120 43.3 22.9 68.7

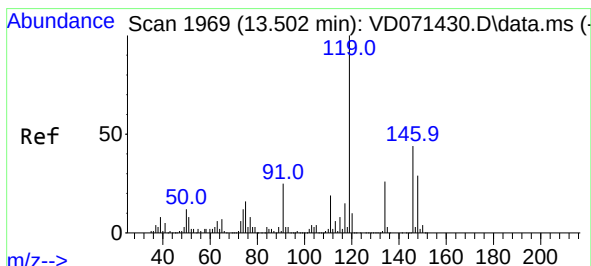
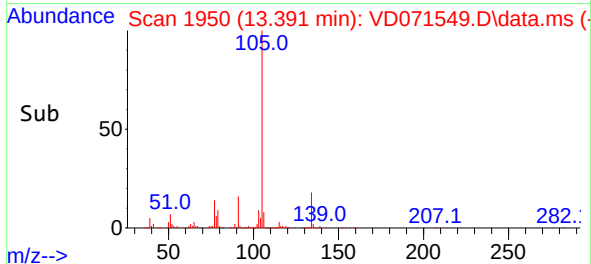
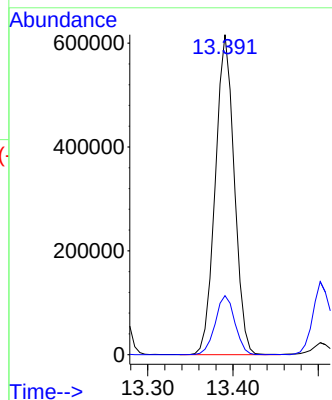
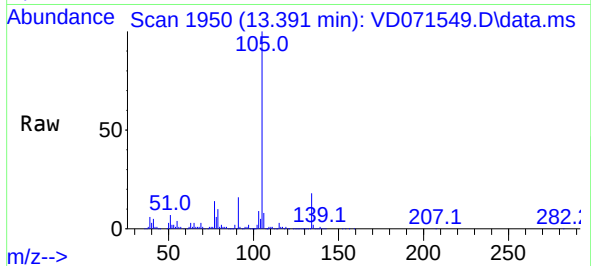




#85
 sec-Butylbenzene
 Concen: 43.527 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071549.D
 Acq: 30 Dec 2021 15:14

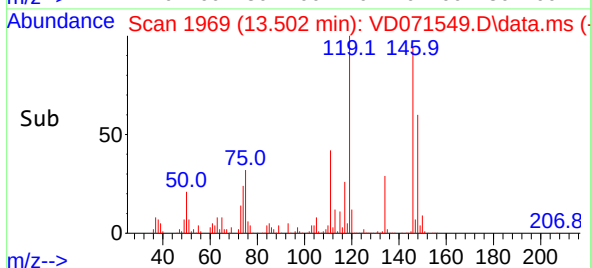
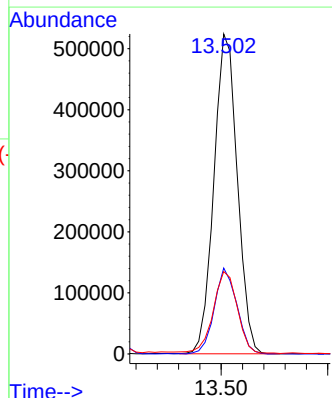
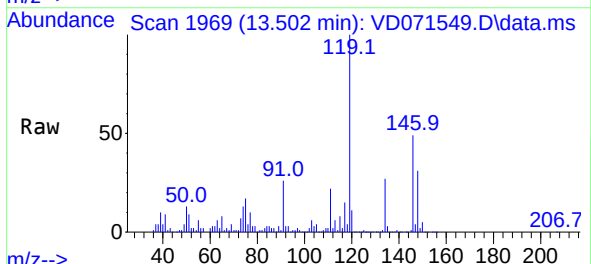
Instrument :
 MSVOA_D
 ClientSampleId :
 HB-2-(20-25)-12-17-21MS

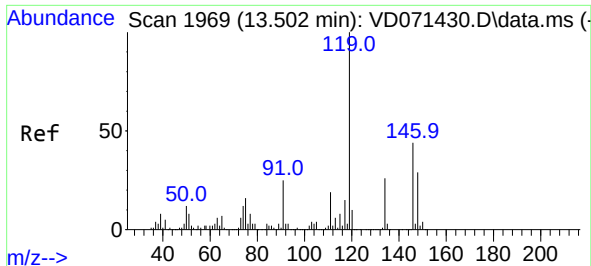
Tgt Ion:105 Resp: 951828
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 44.014 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071549.D
 Acq: 30 Dec 2021 15:14

Tgt Ion:119 Resp: 798604
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 26.9 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 46.473 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

Instrument :

MSVOA_D

ClientSampleId :

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

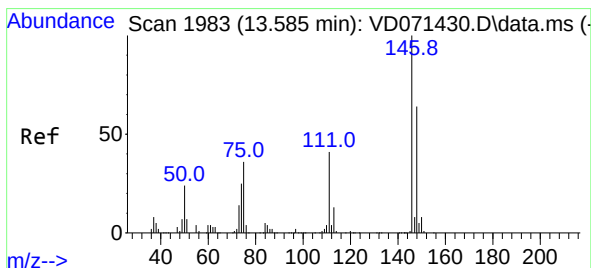
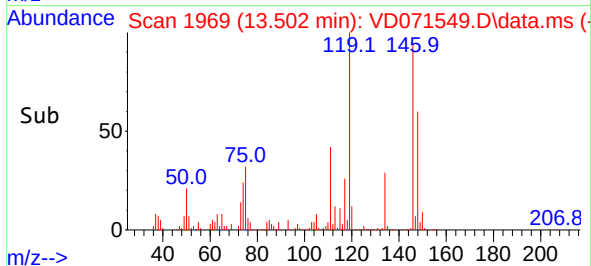
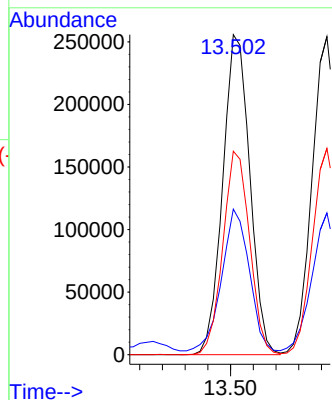
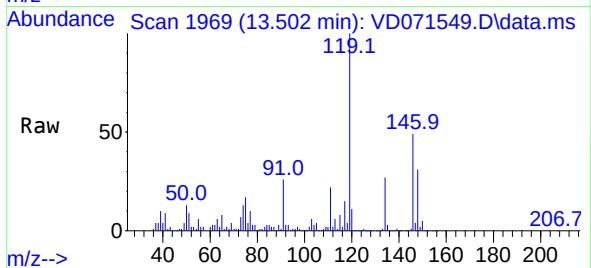
Tgt Ion:146 Resp: 423840

Ion Ratio Lower Upper

146 100

111 44.7 19.8 59.4

148 62.8 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 46.622 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD071549.D

Acq: 30 Dec 2021 15:14

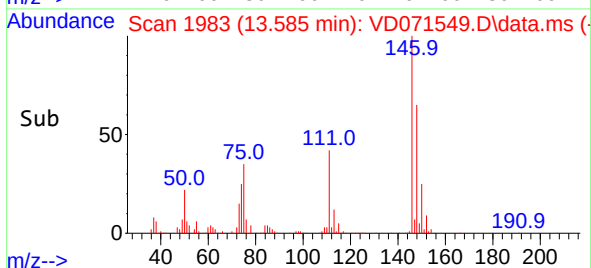
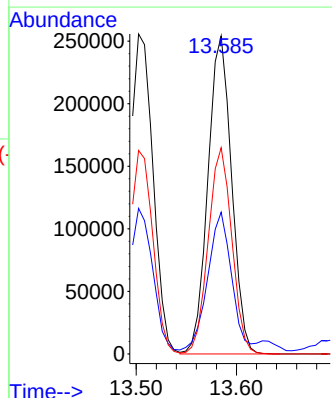
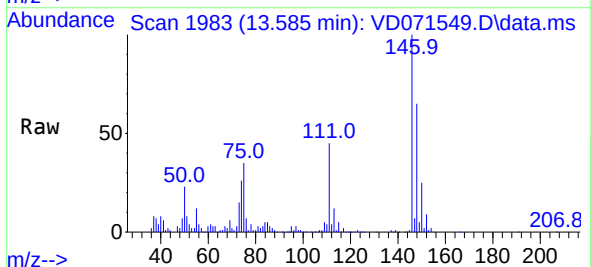
Tgt Ion:146 Resp: 416924

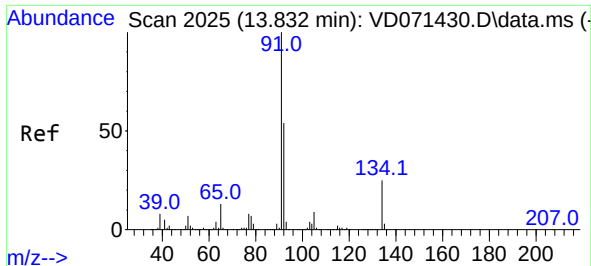
Ion Ratio Lower Upper

146 100

111 43.2 19.6 58.8

148 64.6 31.5 94.5

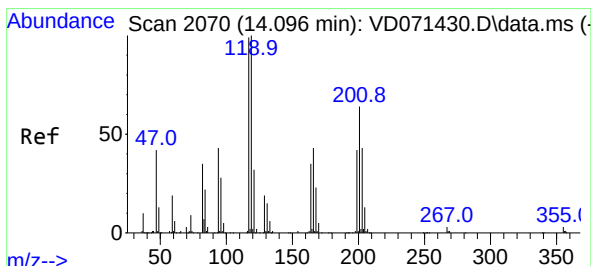
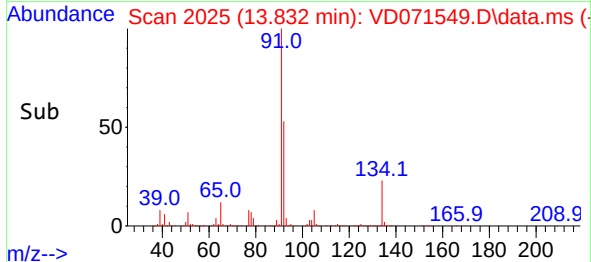
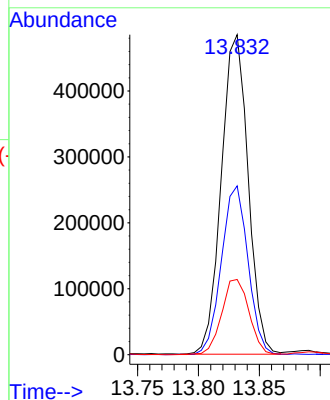
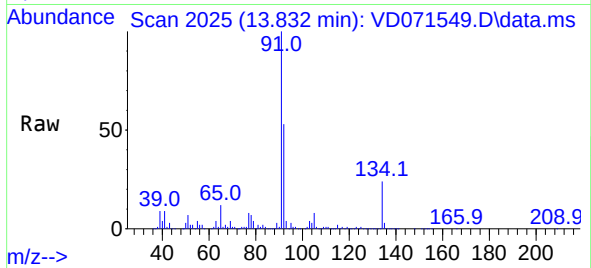




#89
n-Butylbenzene
Concen: 41.706 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

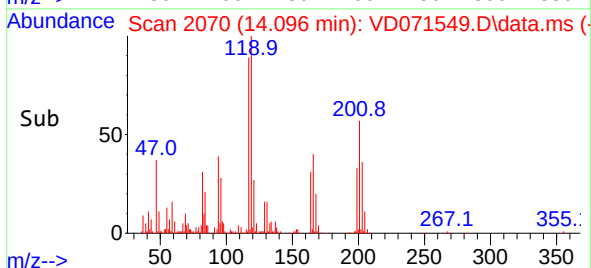
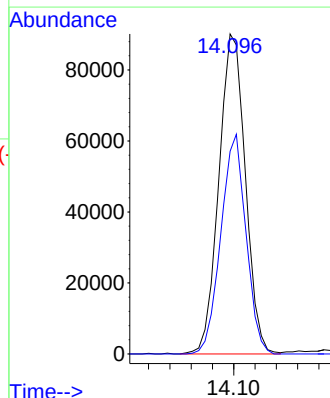
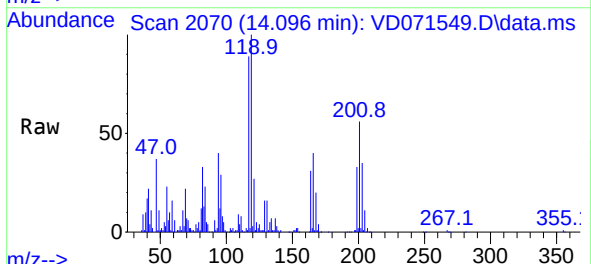
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

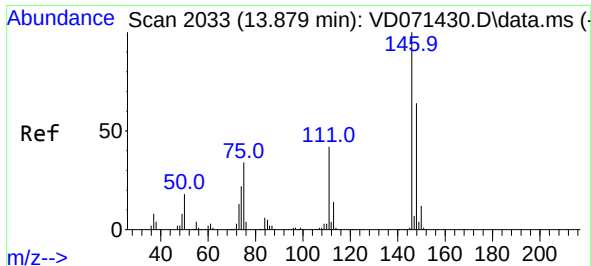
Tgt Ion: 91 Resp: 742732
Ion Ratio Lower Upper
91 100
92 52.6 27.3 81.9
134 24.2 12.3 36.9



#90
Hexachloroethane
Concen: 45.296 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 117 Resp: 155691
Ion Ratio Lower Upper
117 100
201 65.1 36.0 108.1

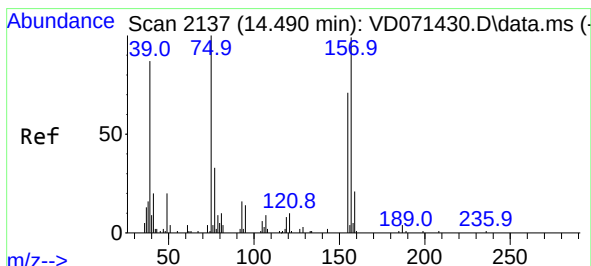
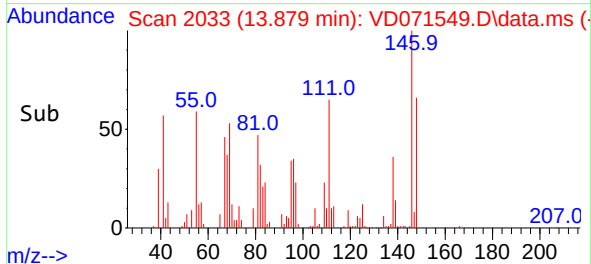
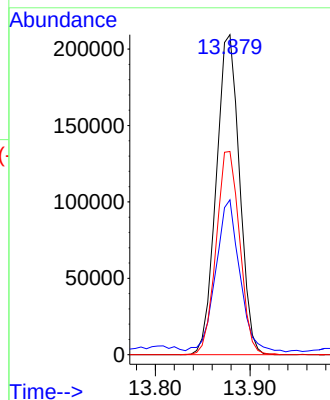
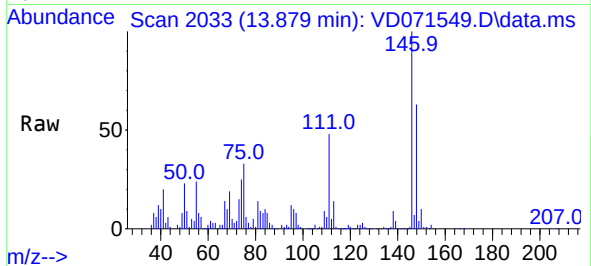




#91
1,2-Dichlorobenzene
Concen: 46.230 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

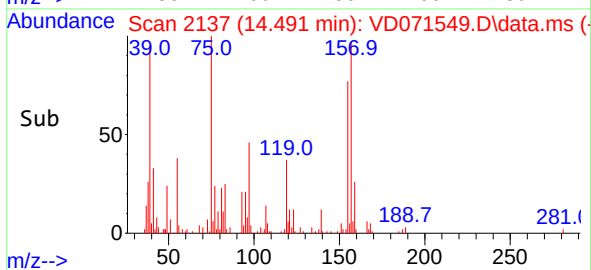
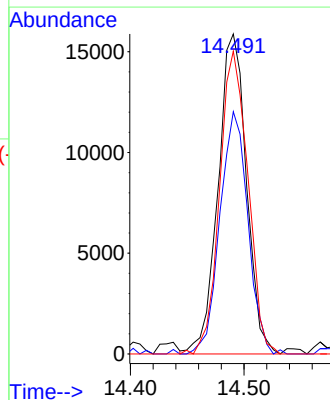
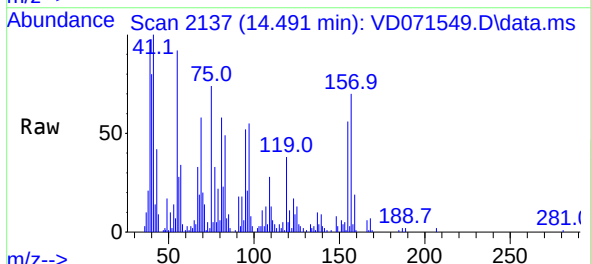
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

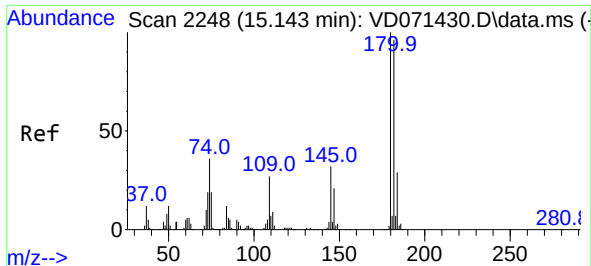
Tgt Ion:146 Resp: 357826
Ion Ratio Lower Upper
146 100
111 49.1 20.8 62.2
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.175 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion: 75 Resp: 27549
Ion Ratio Lower Upper
75 100
155 74.7 40.0 120.0
157 94.2 49.8 149.3

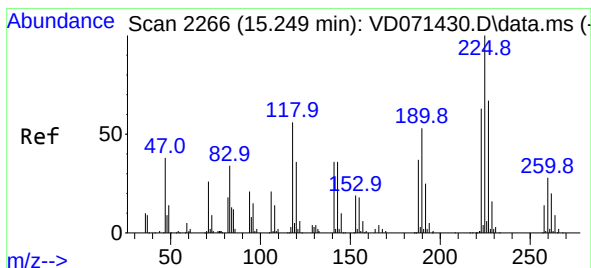
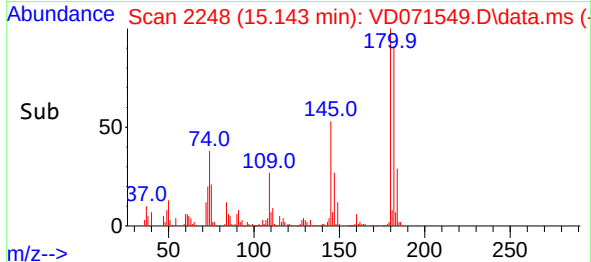
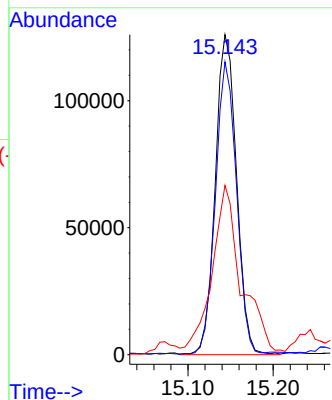
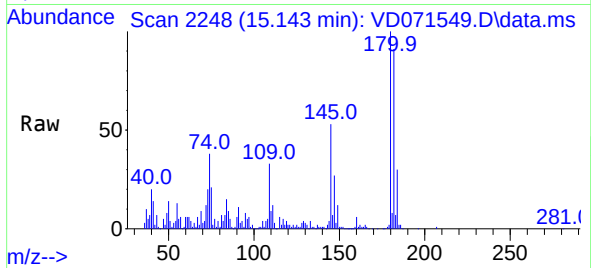




#93
1,2,4-Trichlorobenzene
Concen: 46.268 ug/l
RT: 15.143 min Scan# 218239
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

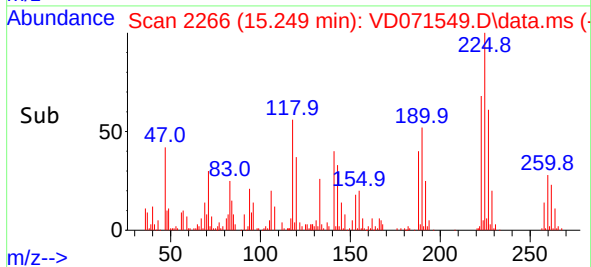
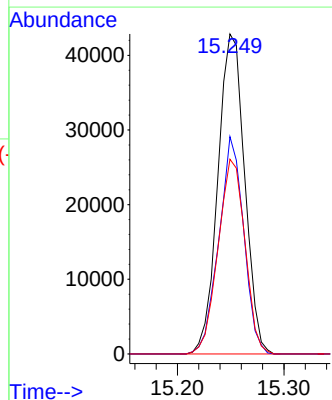
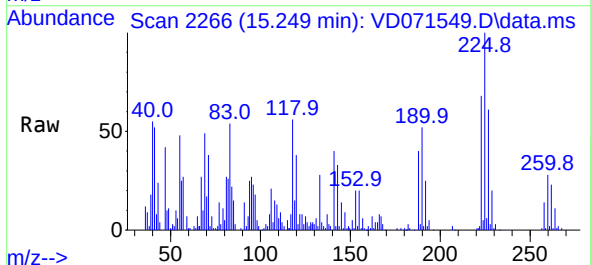
Instrument :
MSVOA_D
ClientSampleId :
HB-2-(20-25)-12-17-21MS

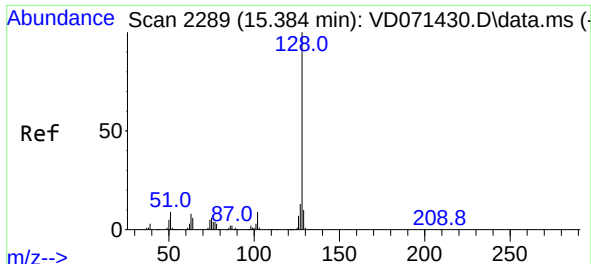
Tgt Ion:180 Resp: 218239
Ion Ratio Lower Upper
180 100
182 90.2 48.2 144.6
145 74.0 15.4 46.2#



#94
Hexachlorobutadiene
Concen: 29.566 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion:225 Resp: 74708
Ion Ratio Lower Upper
225 100
223 63.1 31.8 95.3
227 61.1 31.6 94.8

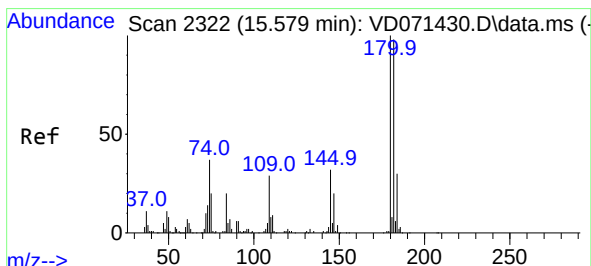
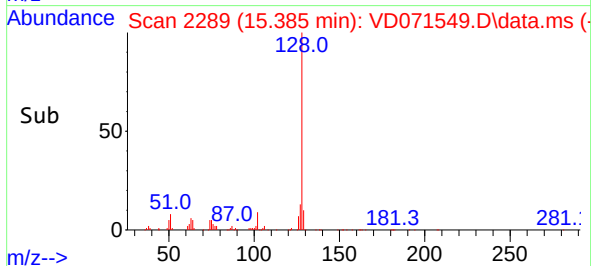
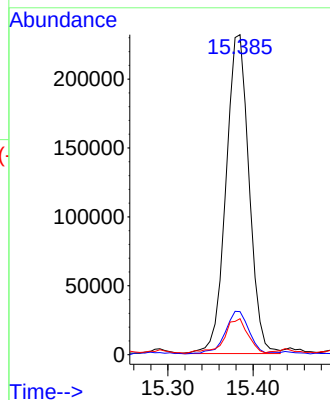
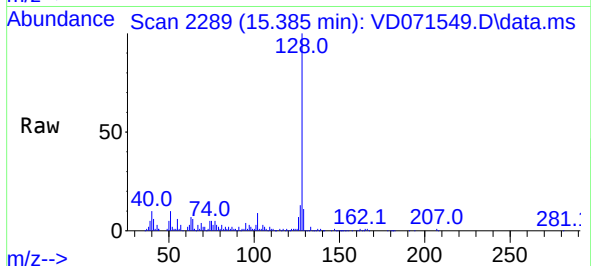




#95
Naphthalene
Concen: 48.556 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

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

Tgt Ion:128 Resp: 435944
Ion Ratio Lower Upper
128 100
127 13.8 10.7 16.1
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.217 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD071549.D
Acq: 30 Dec 2021 15:14

Tgt Ion:180 Resp: 184472
Ion Ratio Lower Upper
180 100
182 95.4 46.7 140.1
145 58.0 15.9 47.6#

