

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120421\
 Data File : VD071141.D
 Acq On : 04 Dec 2021 13:23
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 03:42:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	252545	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.861	114	423660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	387447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	187859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	143708	48.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.000%
35) Dibromofluoromethane	7.914	113	137343	50.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.820%
50) Toluene-d8	10.332	98	484357	47.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.360%
62) 4-Bromofluorobenzene	12.626	95	173285	48.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	103215	47.926	ug/l	99
3) Chloromethane	2.209	50	153061	53.721	ug/l	93
4) Vinyl Chloride	2.356	62	181019	56.947	ug/l	96
5) Bromomethane	2.773	94	128315	55.997	ug/l	98
6) Chloroethane	2.926	64	133228	60.938	ug/l	89
7) Trichlorofluoromethane	3.273	101	239303	55.573	ug/l	97
8) Diethyl Ether	3.709	74	62828	53.820	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.097	101	138527	54.527	ug/l	95
10) Methyl Iodide	4.303	142	144205	48.935	ug/l	95
11) Tert butyl alcohol	5.203	59	51597	276.481	ug/l #	82
12) 1,1-Dichloroethene	4.073	96	125363	53.472	ug/l	89
13) Acrolein	3.920	56	37863	186.974	ug/l	98
14) Allyl chloride	4.714	41	249681	56.068	ug/l #	81
15) Acrylonitrile	5.420	53	161786	284.970	ug/l	96
16) Acetone	4.156	43	203656	257.731	ug/l #	85
17) Carbon Disulfide	4.414	76	358673	52.253	ug/l	97
18) Methyl Acetate	4.714	43	121571	55.603	ug/l	92
19) Methyl tert-butyl Ether	5.479	73	323138	56.240	ug/l	100
20) Methylene Chloride	4.961	84	162230	54.640	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	146333	55.448	ug/l	89
22) Diisopropyl ether	6.361	45	510747	57.245	ug/l	92
23) Vinyl Acetate	6.303	43	1210116	250.722	ug/l	95
24) 1,1-Dichloroethane	6.261	63	295521	57.587	ug/l	99
25) 2-Butanone	7.203	43	229663	252.401	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	252134	54.031	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	167495	56.099	ug/l	89
28) Bromochloromethane	7.544	49	113292	50.828	ug/l	90
29) Tetrahydrofuran	7.555	42	130546	277.435	ug/l	95
30) Chloroform	7.708	83	298086	57.878	ug/l	97
31) Cyclohexane	7.979	56	260621	51.705	ug/l	99
32) 1,1,1-Trichloroethane	7.902	97	269688	58.324	ug/l	95
36) 1,1-Dichloropropene	8.108	75	223918	56.550	ug/l	98
37) Ethyl Acetate	7.285	43	90912	53.152	ug/l #	92
38) Carbon Tetrachloride	8.091	117	229980	58.920	ug/l	99
39) Methylcyclohexane	9.349	83	255151	53.574	ug/l	97
40) Benzene	8.350	78	610431	56.755	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	57590	65.097	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	193093	58.815	ug/l	94
43) Isopropyl Acetate	8.450	43	186647	49.635	ug/l	92
44) Trichloroethene	9.108	130	162814	56.775	ug/l	91
45) 1,2-Dichloropropane	9.385	63	163439	57.783	ug/l	96
46) Dibromomethane	9.473	93	82483	56.207	ug/l	95
47) Bromodichloromethane	9.655	83	228756	58.944	ug/l	96
48) Methyl methacrylate	9.449	41	93387	55.779	ug/l #	79
49) 1,4-Dioxane	9.455	88	16675	1177.137	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	493243	255.031	ug/l	90
52) Toluene	10.396	92	389548	57.083	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	205708	57.651	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	242444	57.202	ug/l #	83
55) 1,1,2-Trichloroethane	10.796	97	110425	57.360	ug/l	92
56) Ethyl methacrylate	10.655	69	136964	49.489	ug/l #	75
57) 1,3-Dichloropropane	10.938	76	198010	58.550	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	359642	274.534	ug/l	99
59) 2-Hexanone	10.979	43	356283	245.825	ug/l	91
60) Dibromochloromethane	11.132	129	141790	59.261	ug/l	100
61) 1,2-Dibromoethane	11.238	107	105246	56.924	ug/l	99
64) Tetrachloroethene	10.873	164	137106	55.741	ug/l	96
65) Chlorobenzene	11.661	112	408837	56.871	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.738	131	149601	56.995	ug/l	99
67) Ethyl Benzene	11.738	91	771128	56.981	ug/l	100
68) m/p-Xylenes	11.843	106	592840	116.034	ug/l	97
69) o-Xylene	12.173	106	271234	56.483	ug/l	97
70) Styrene	12.185	104	473666	58.527	ug/l	98
71) Bromoform	12.355	173	78681	57.862	ug/l #	98
73) Isopropylbenzene	12.473	105	747447	54.949	ug/l	99
74) N-amyl acetate	12.279	43	173906	47.073	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	126157	56.319	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	162015	90.519	ug/l #	1
77) Bromobenzene	12.755	156	159432	54.113	ug/l	97
78) n-propylbenzene	12.814	91	928366	54.804	ug/l	100
79) 2-Chlorotoluene	12.896	91	513226	53.981	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	610168	54.397	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	36256	47.681	ug/l #	79
82) 4-Chlorotoluene	12.996	91	529769	53.673	ug/l	99
83) tert-Butylbenzene	13.214	119	533890	55.423	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	614991	56.158	ug/l	97
85) sec-Butylbenzene	13.390	105	827609	56.250	ug/l	100
86) p-Isopropyltoluene	13.502	119	666675	55.400	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	322056	54.911	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	318097	54.743	ug/l	98
89) n-Butylbenzene	13.832	91	660825	56.254	ug/l	99
90) Hexachloroethane	14.102	117	130362	57.146	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	274648	55.065	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18965	51.988	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	175271	56.336	ug/l	97
94) Hexachlorobutadiene	15.249	225	95982	54.526	ug/l	99
95) Naphthalene	15.384	128	307448	56.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	147355	55.765	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

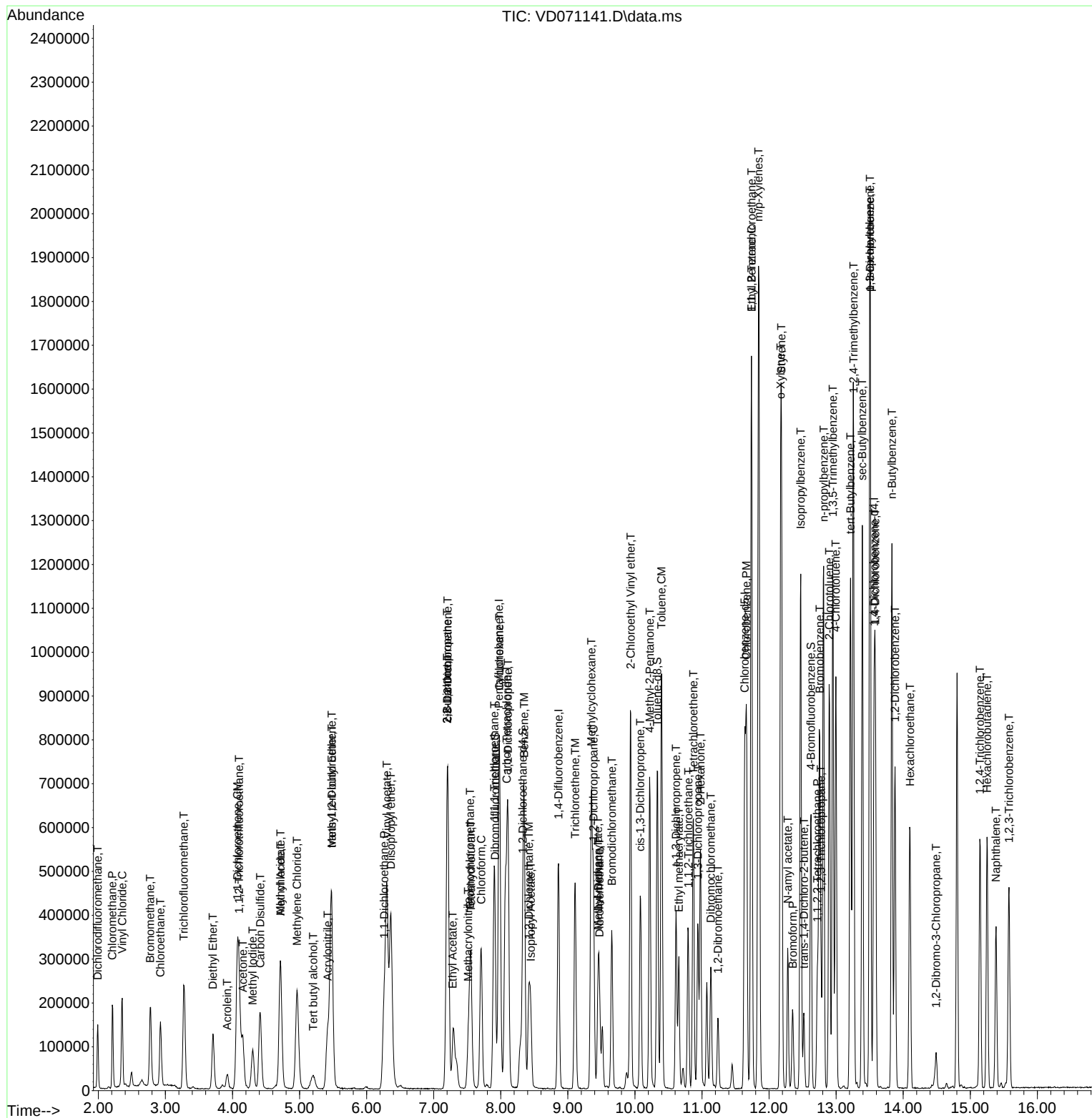
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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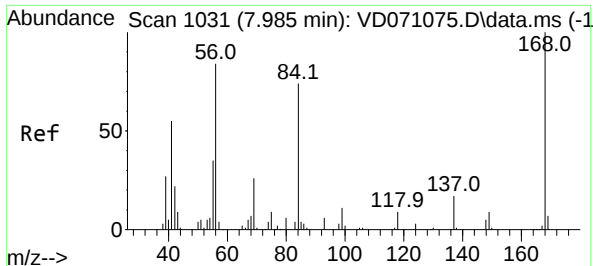
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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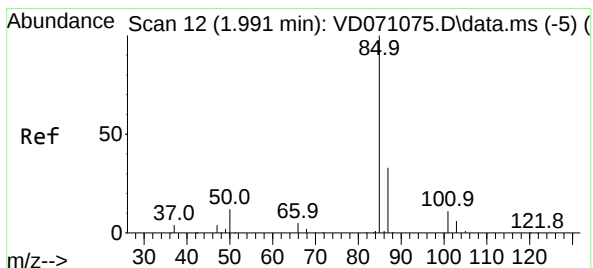
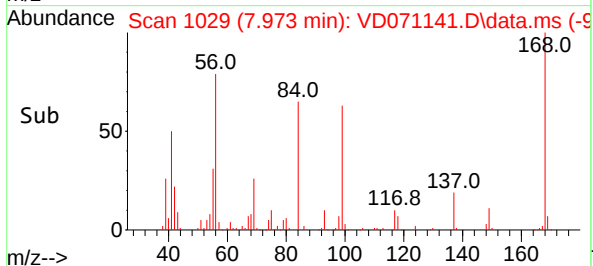
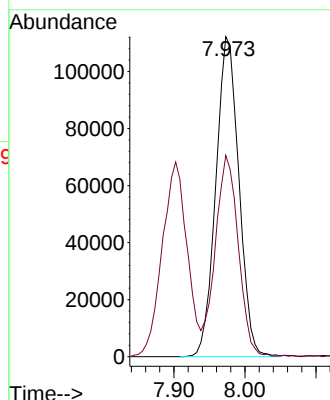
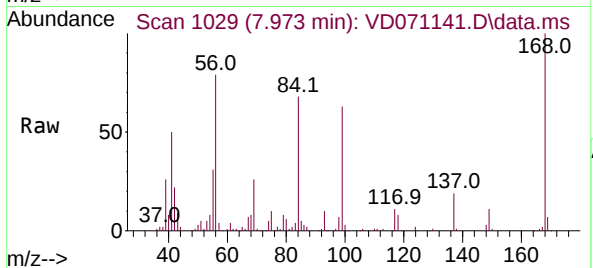




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.012 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

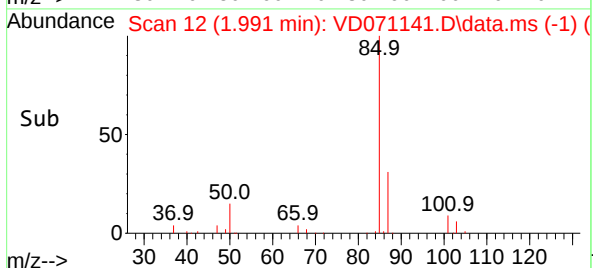
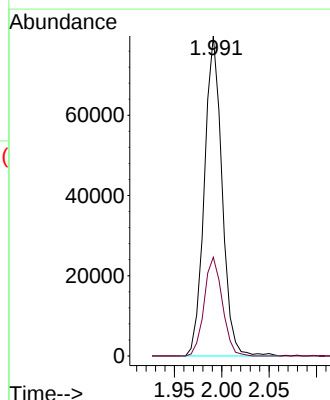
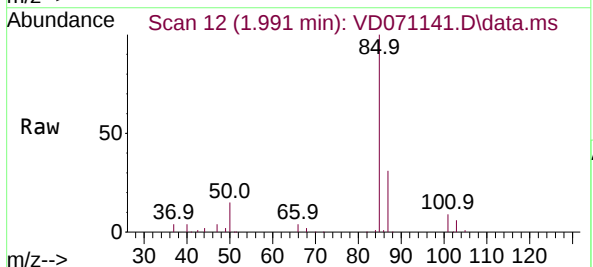
Instrument :
MSVOA_D
ClientSampleId :

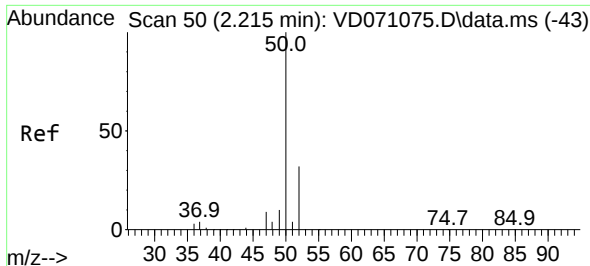
Tgt Ion:168 Resp: 252545
Ion Ratio Lower Upper
168 100
99 62.6 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 47.926 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 85 Resp: 103215
Ion Ratio Lower Upper
85 100
87 30.8 15.2 45.6

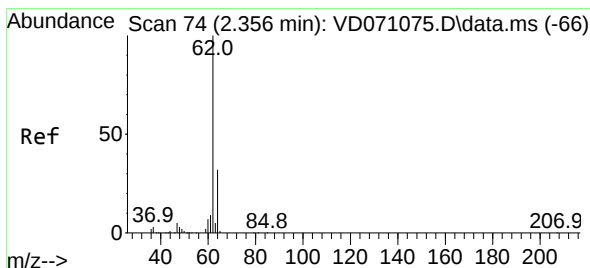
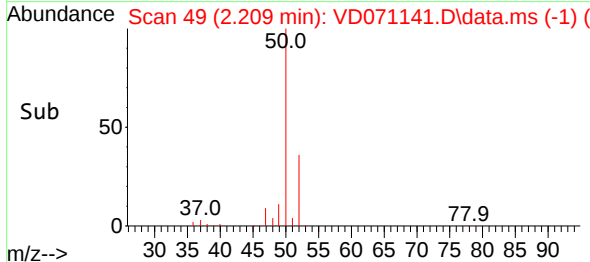
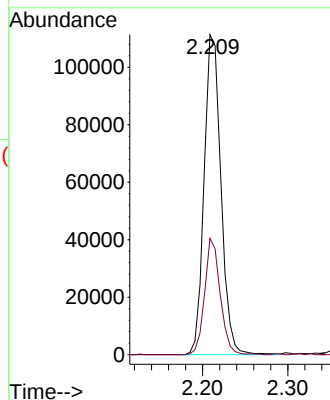
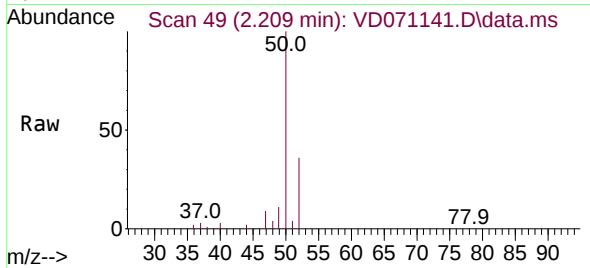




#3
Chloromethane
Concen: 53.721 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

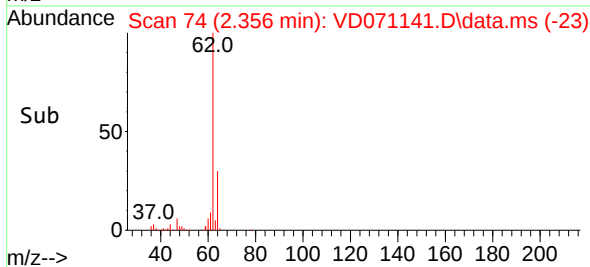
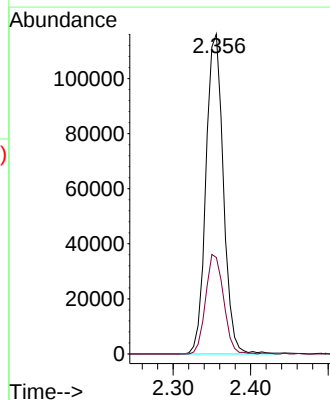
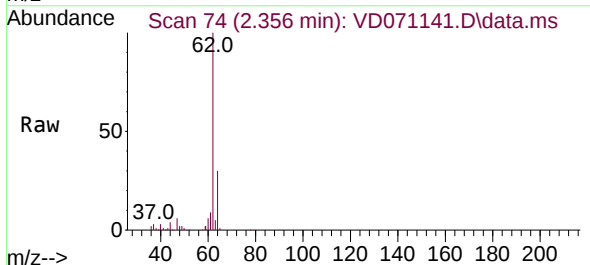
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MSVOA_D
ClientSampleId :

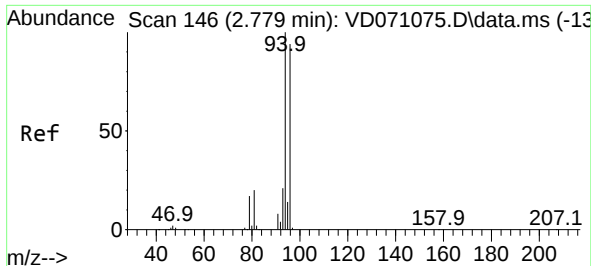
Tgt Ion: 50 Resp: 153061
Ion Ratio Lower Upper
50 100
52 36.4 25.8 38.8



#4
Vinyl Chloride
Concen: 56.947 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 62 Resp: 181019
Ion Ratio Lower Upper
62 100
64 30.2 26.0 39.0

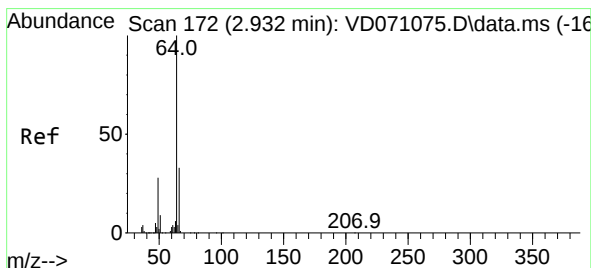
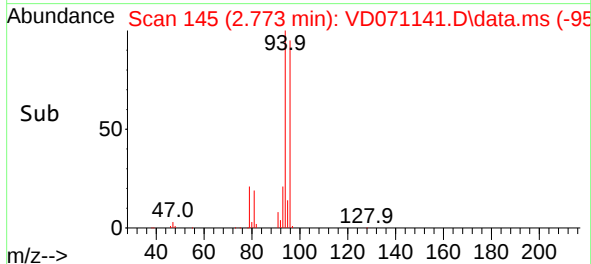
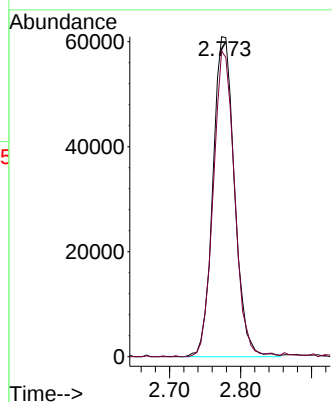
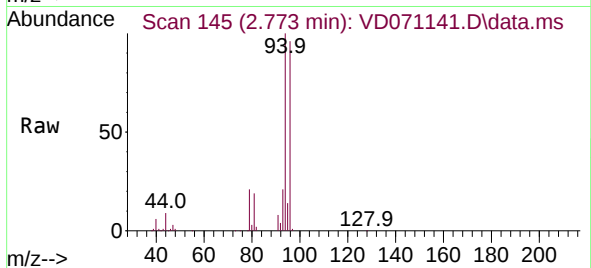




#5
Bromomethane
Concen: 55.997 ug/l
RT: 2.773 min Scan# 146
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

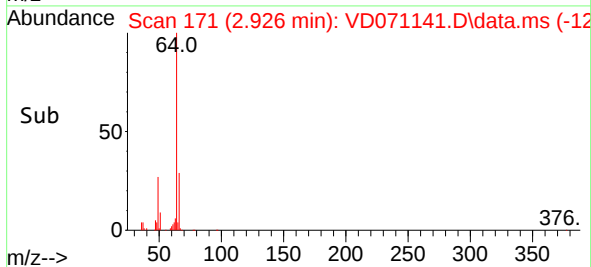
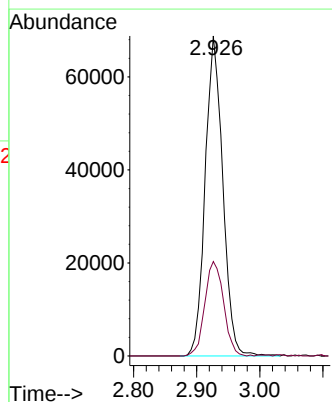
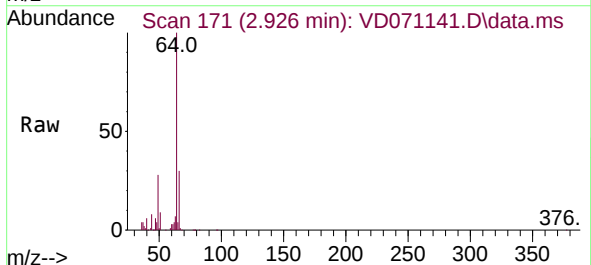
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MSVOA_D
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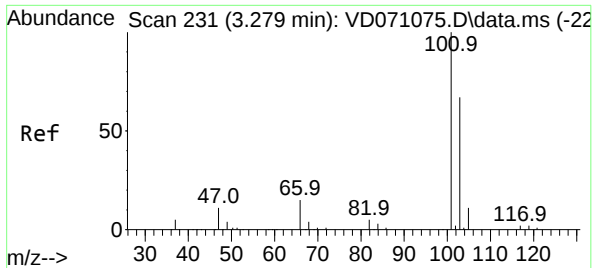
Tgt Ion: 94 Resp: 128315
Ion Ratio Lower Upper
94 100
96 95.5 74.8 112.2



#6
Chloroethane
Concen: 60.938 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071141.D
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Tgt Ion: 64 Resp: 133228
Ion Ratio Lower Upper
64 100
66 29.5 29.0 43.4

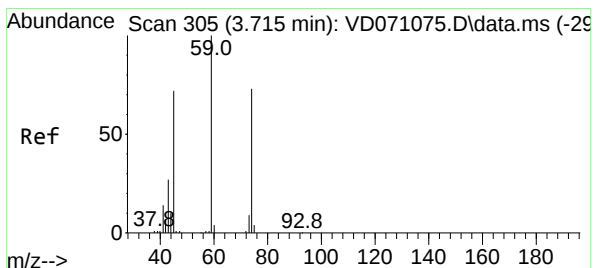
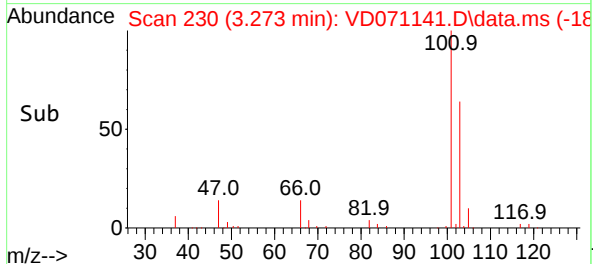
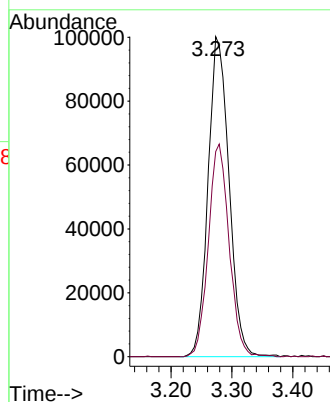
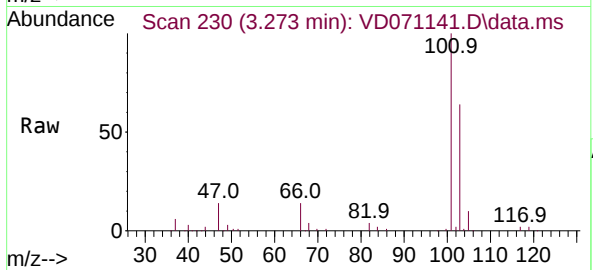




#7
 Trichlorofluoromethane
 Concen: 55.573 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

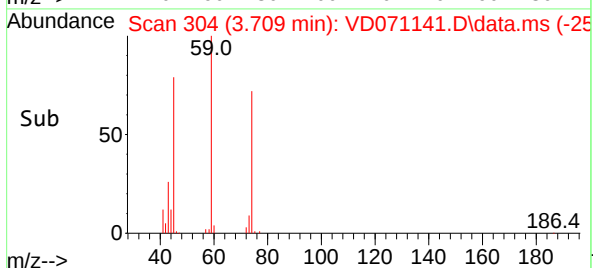
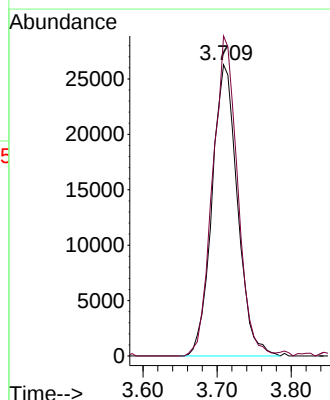
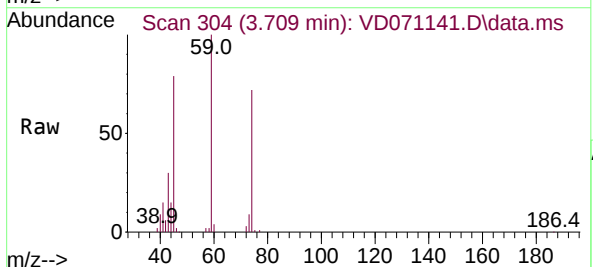
Instrument :
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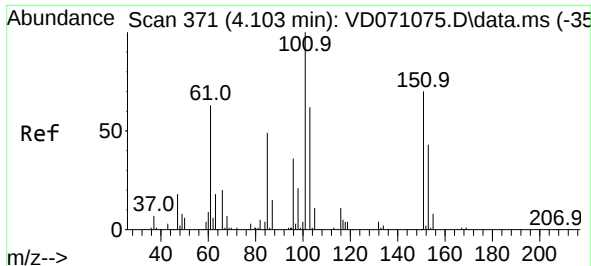
Tgt Ion:101 Resp: 239303
 Ion Ratio Lower Upper
 101 100
 103 64.1 49.7 74.5



#8
 Diethyl Ether
 Concen: 53.820 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

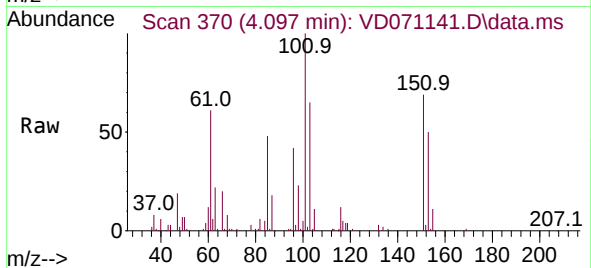
Tgt Ion: 74 Resp: 62828
 Ion Ratio Lower Upper
 74 100
 45 107.3 49.6 149.0



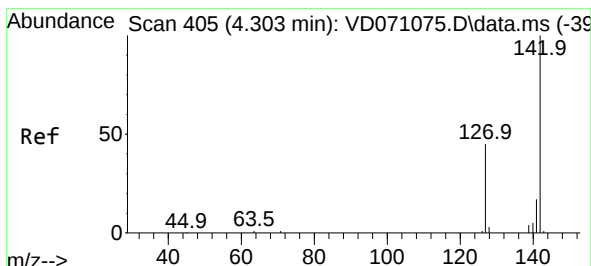
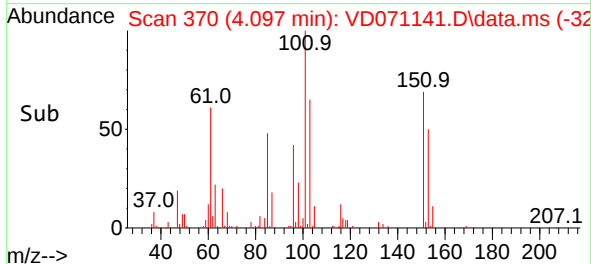
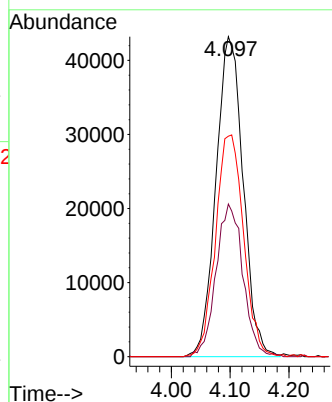


#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.527 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :

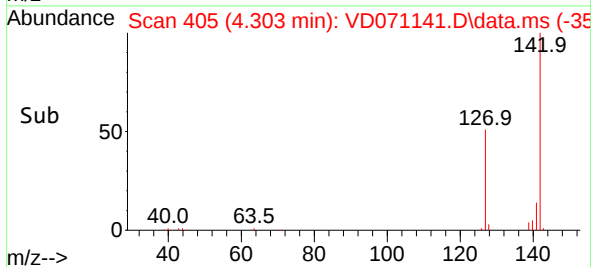
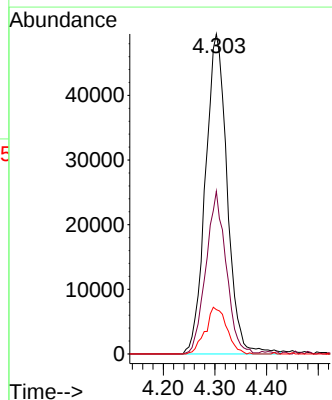
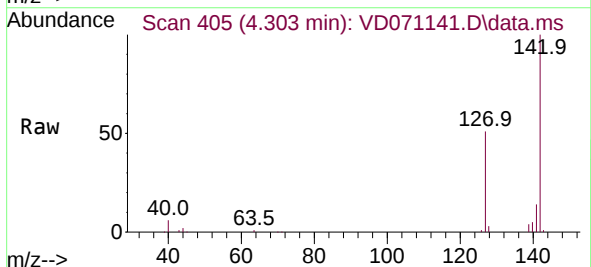


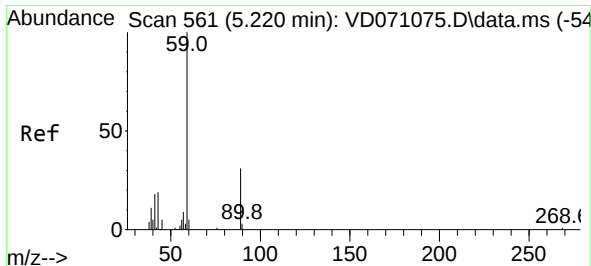
Tgt Ion:101 Resp: 138527
Ion Ratio Lower Upper
101 100
85 47.3 34.8 52.2
151 71.8 60.4 90.6



#10
Methyl Iodide
Concen: 48.935 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

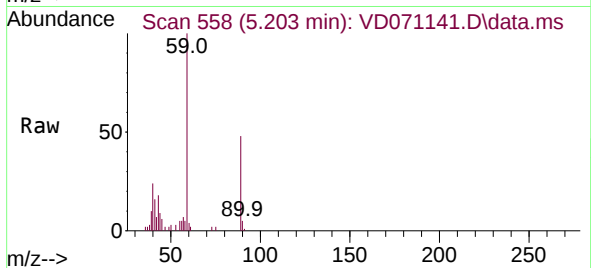
Tgt Ion:142 Resp: 144205
Ion Ratio Lower Upper
142 100
127 47.5 35.0 52.4
141 14.4 12.0 18.0



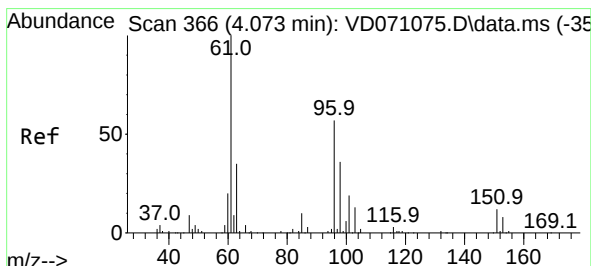
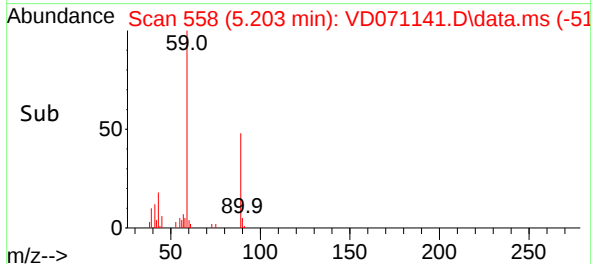
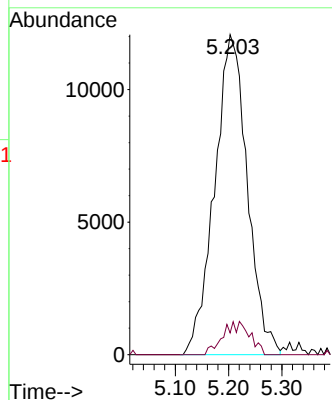


#11
Tert butyl alcohol
Concen: 276.481 ug/l
RT: 5.203 min Scan# 511
Delta R.T. -0.017 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :

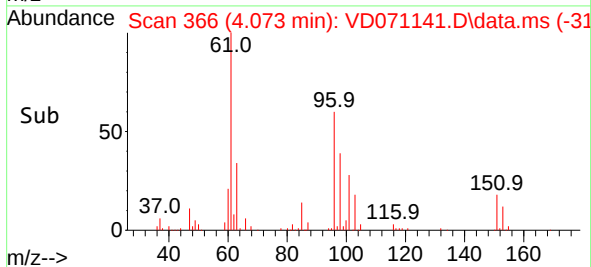
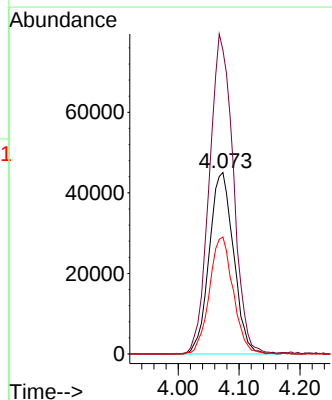
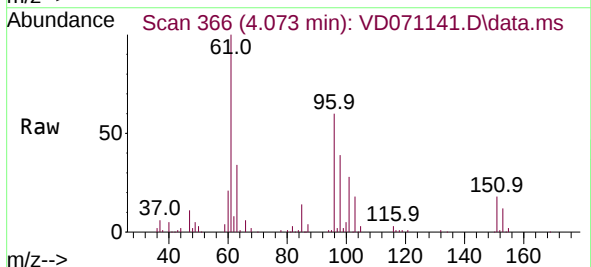


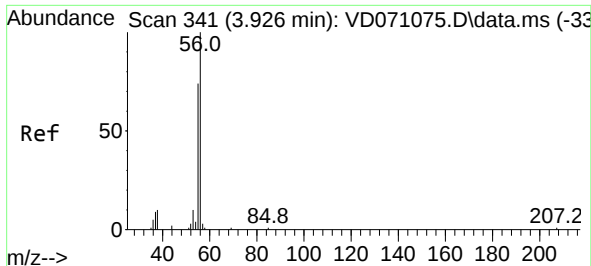
Tgt Ion: 59 Resp: 51597
Ion Ratio Lower Upper
59 100
57 4.5 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 53.472 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 96 Resp: 125363
Ion Ratio Lower Upper
96 100
61 167.4 120.3 180.5
98 64.5 54.4 81.6

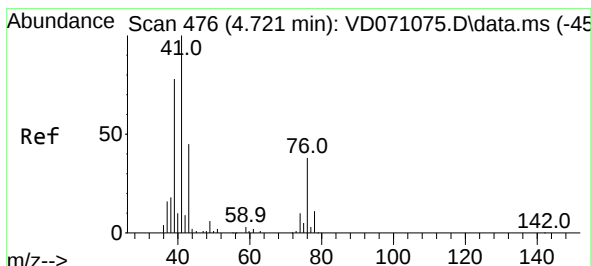
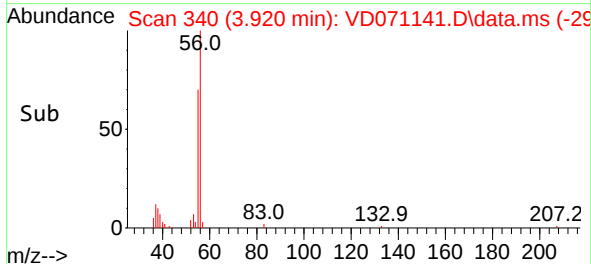
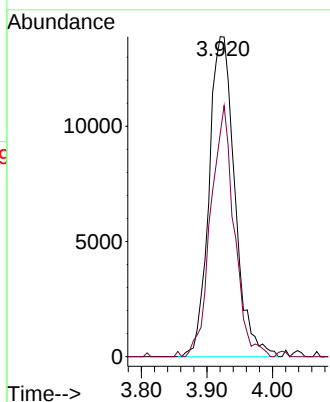
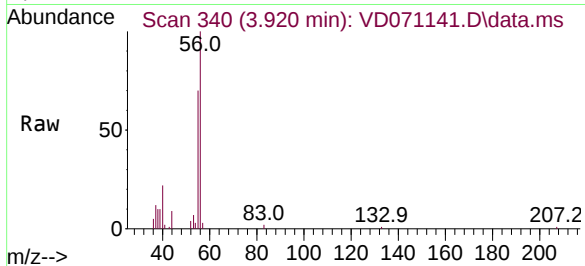




#13
Acrolein
Concen: 186.974 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

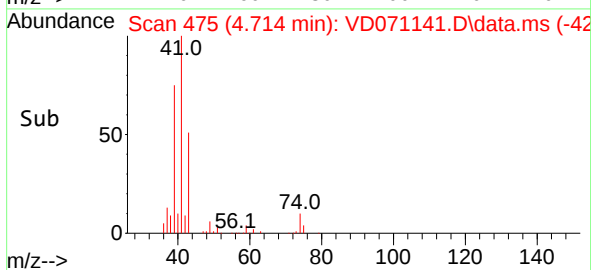
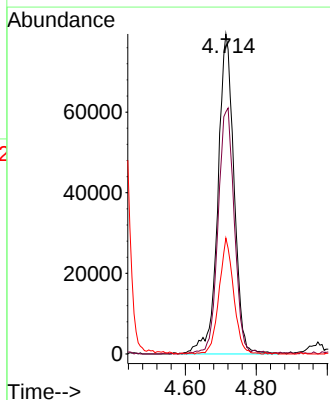
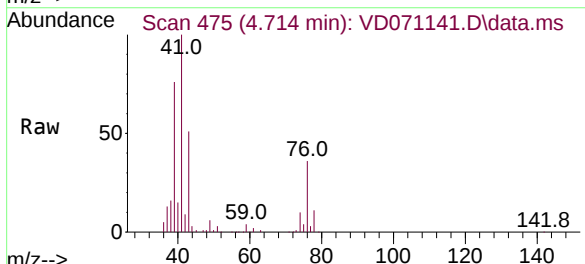
Instrument :
MSVOA_D
ClientSampleId :

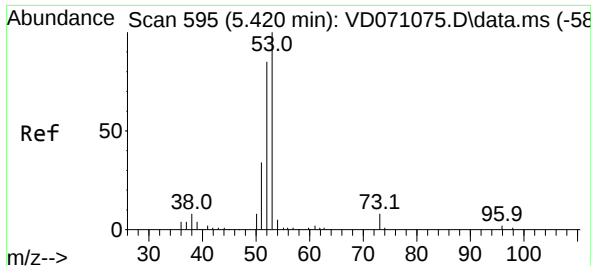
Tgt Ion: 56 Resp: 37863
Ion Ratio Lower Upper
56 100
55 71.3 58.6 87.8



#14
Allyl chloride
Concen: 56.068 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.007 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 41 Resp: 249681
Ion Ratio Lower Upper
41 100
39 76.7 45.6 68.4#
76 32.7 30.2 45.4

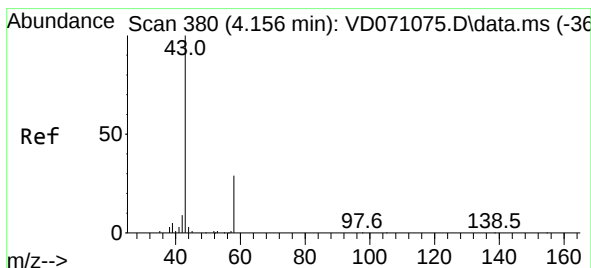
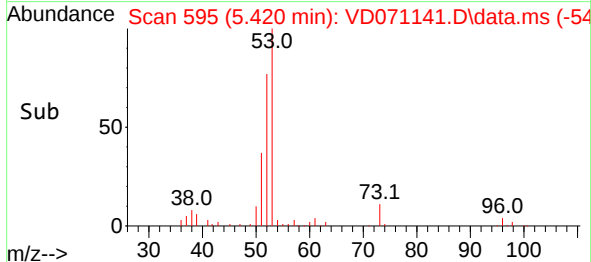
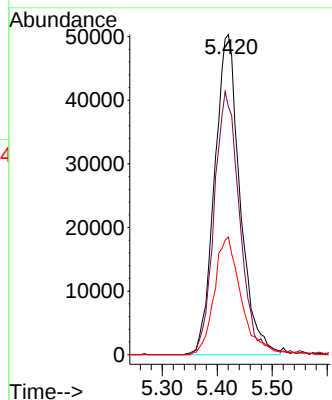
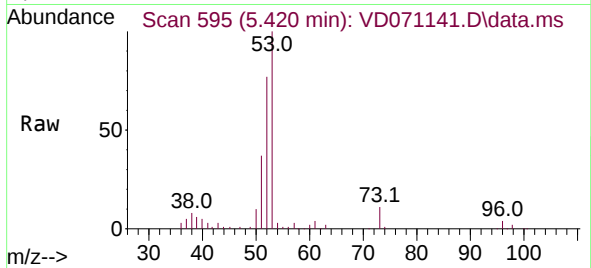




#15
Acrylonitrile
Concen: 284.970 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

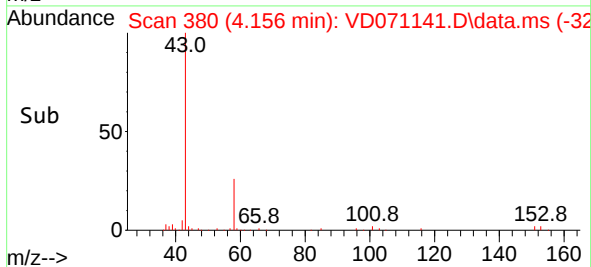
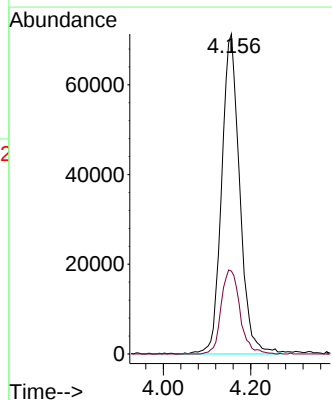
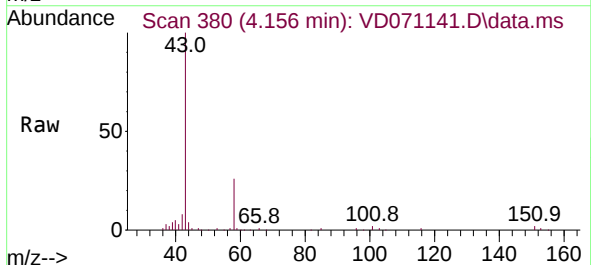
Instrument :
MSVOA_D
ClientSampleId :

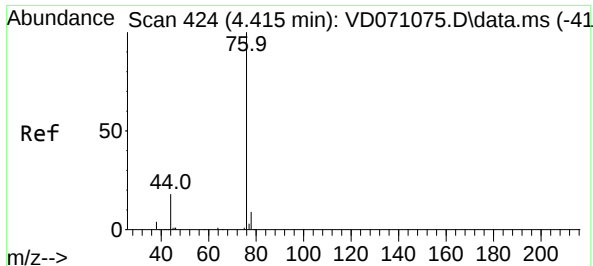
Tgt Ion: 53 Resp: 161786
Ion Ratio Lower Upper
53 100
52 82.2 63.8 95.8
51 39.3 28.5 42.7



#16
Acetone
Concen: 257.731 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 43 Resp: 203656
Ion Ratio Lower Upper
43 100
58 25.9 27.8 41.8#

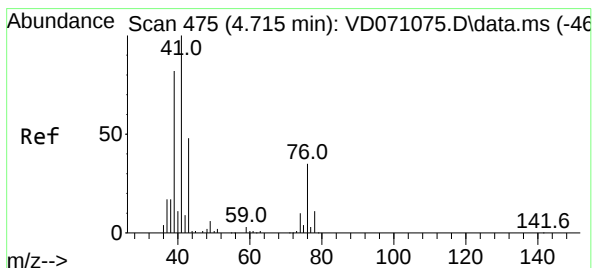
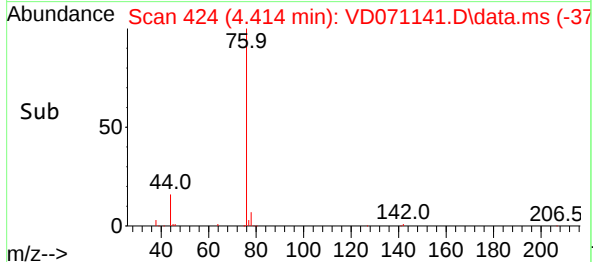
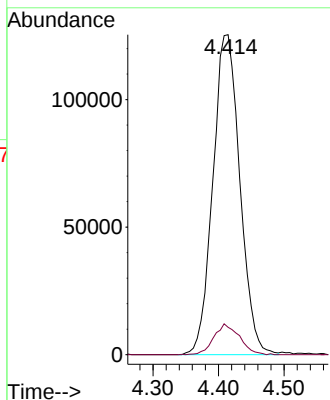
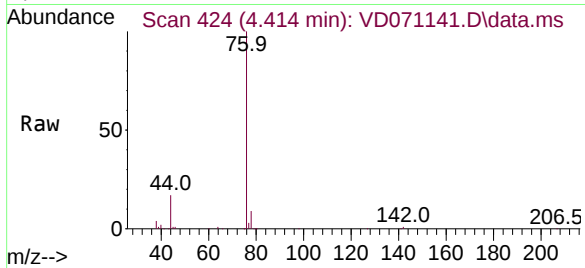




#17
Carbon Disulfide
Concen: 52.253 ug/l
RT: 4.414 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

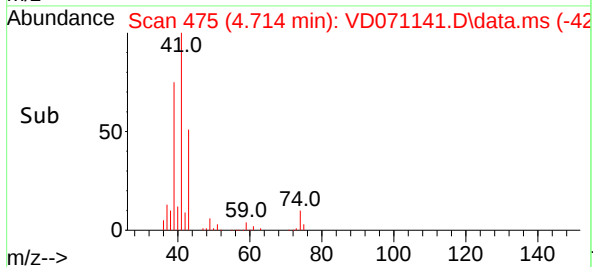
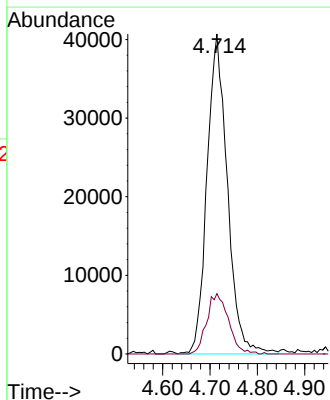
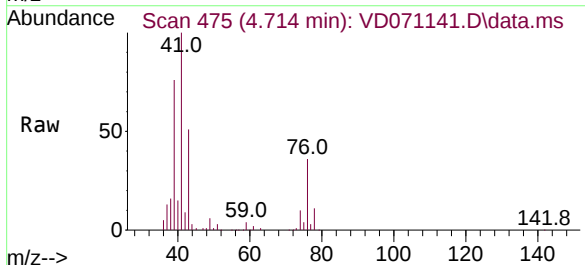
Instrument :
MSVOA_D
ClientSampleId :

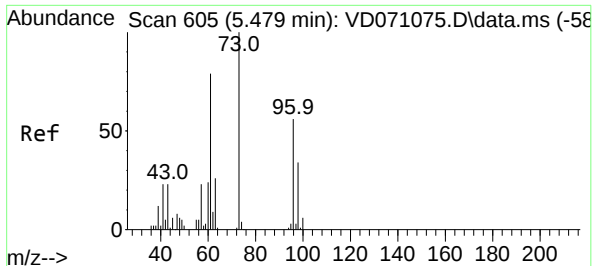
Tgt Ion: 76 Resp: 358673
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.8



#18
Methyl Acetate
Concen: 55.603 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 43 Resp: 121571
Ion Ratio Lower Upper
43 100
74 20.1 19.3 28.9

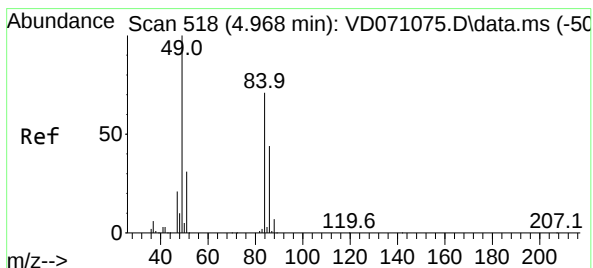
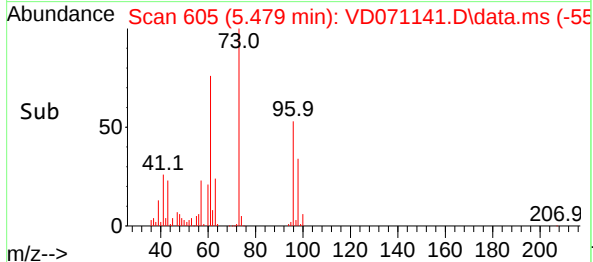
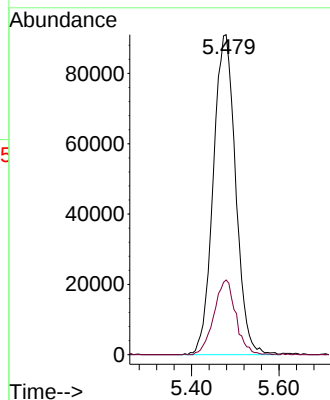
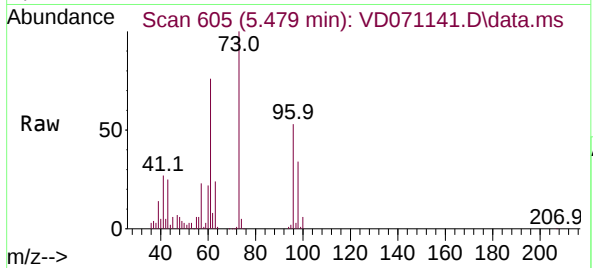




#19
Methyl tert-butyl Ether
Concen: 56.240 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

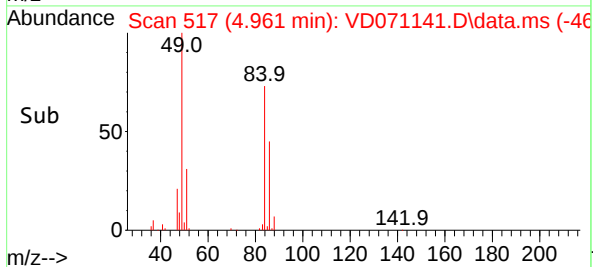
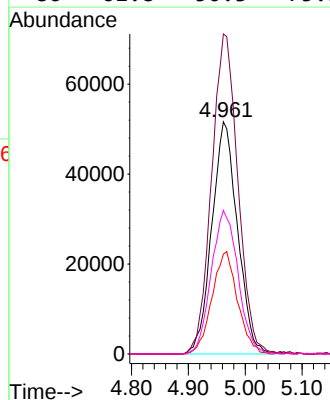
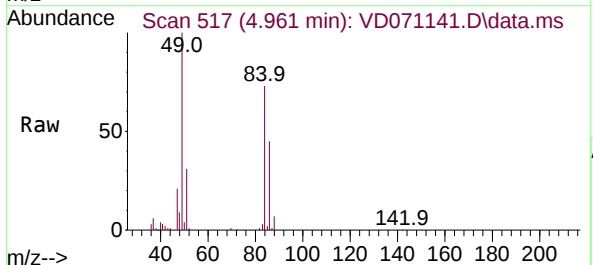
Instrument :
MSVOA_D
ClientSampleId :

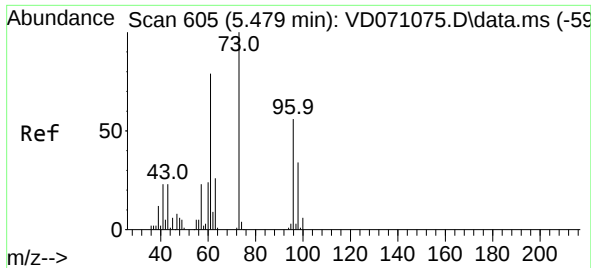
Tgt Ion: 73 Resp: 323138
Ion Ratio Lower Upper
73 100
57 23.4 18.9 28.3



#20
Methylene Chloride
Concen: 54.640 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 84 Resp: 162230
Ion Ratio Lower Upper
84 100
49 137.8 95.8 143.6
51 43.0 30.9 46.3
86 61.8 50.3 75.5

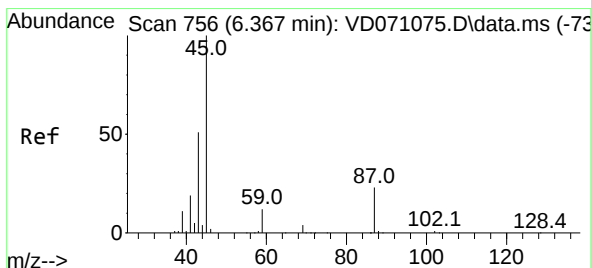
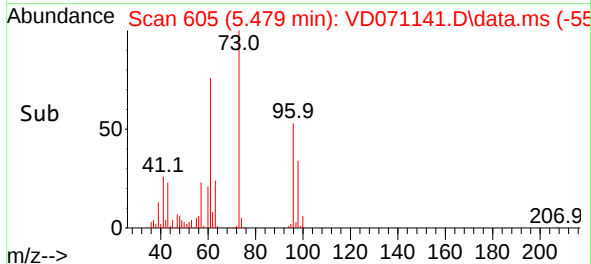
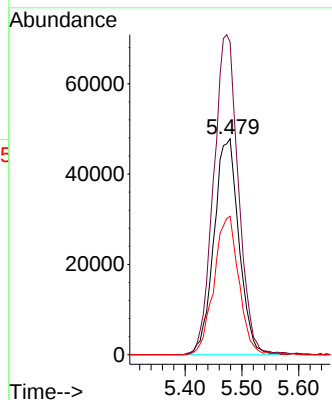
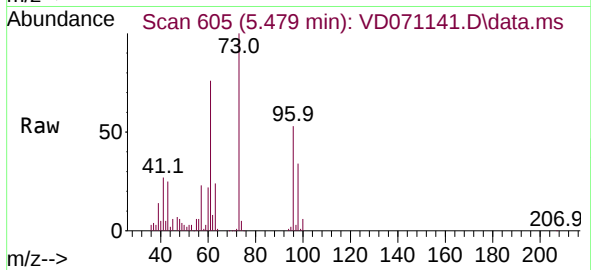




#21
trans-1,2-Dichloroethene
Concen: 55.448 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

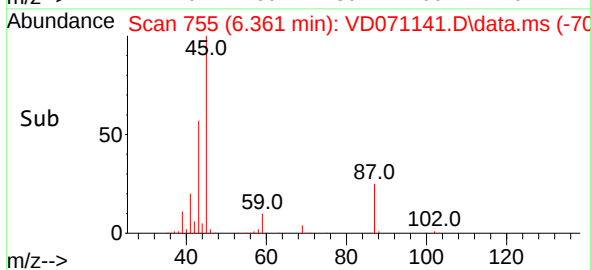
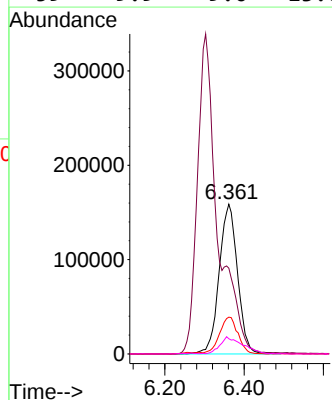
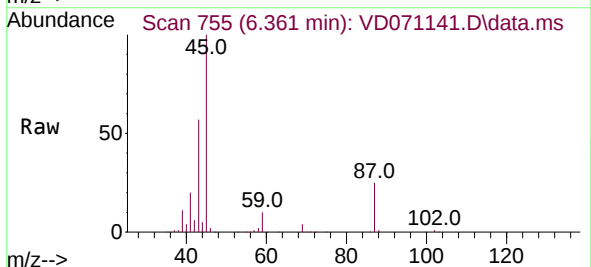
Instrument :
MSVOA_D
ClientSampleId :

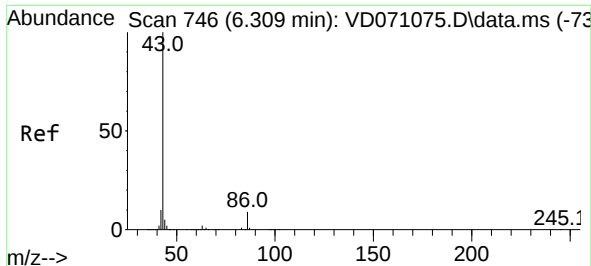
Tgt Ion: 96 Resp: 146333
Ion Ratio Lower Upper
96 100
61 144.7 102.1 153.1
98 64.1 50.1 75.1



#22
Diisopropyl ether
Concen: 57.245 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 45 Resp: 510747
Ion Ratio Lower Upper
45 100
43 56.8 39.6 59.4
87 24.5 21.2 31.8
59 9.9 9.0 13.6

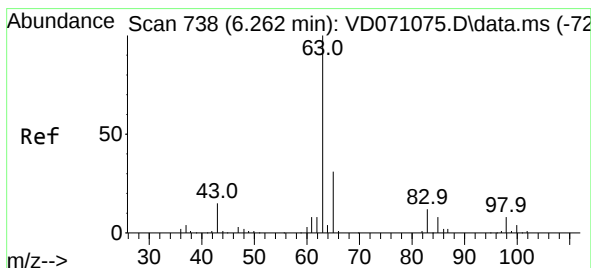
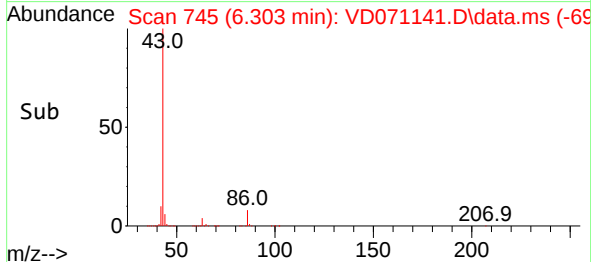
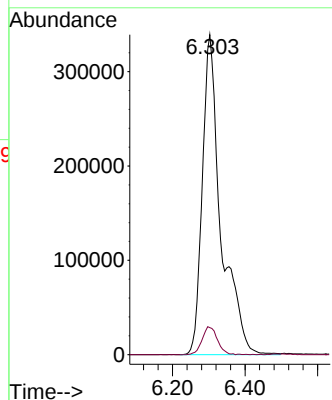
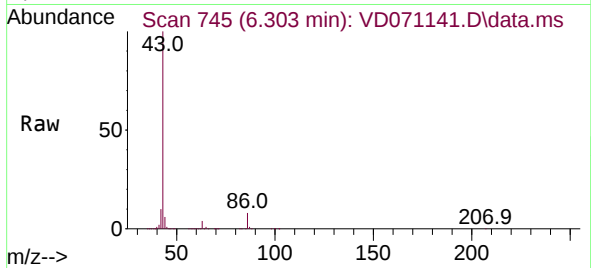




#23
 Vinyl Acetate
 Concen: 250.722 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

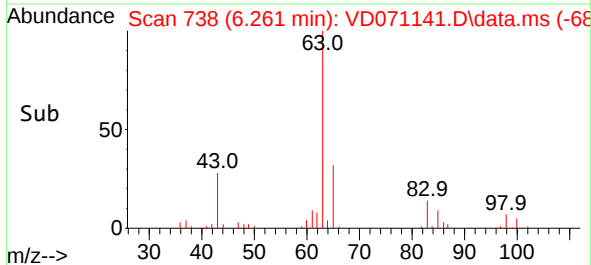
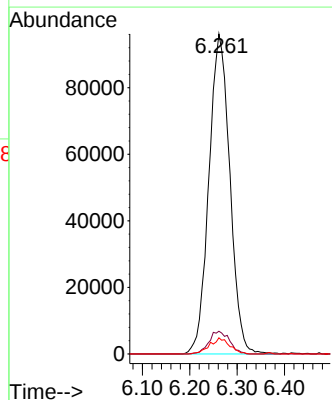
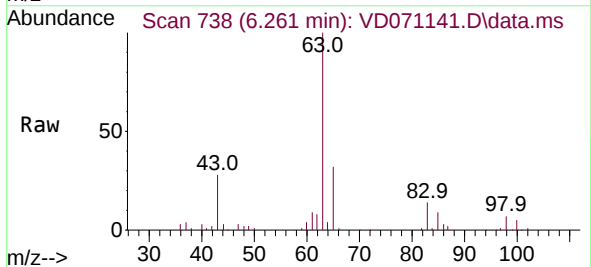
Instrument :
 MSVOA_D
 ClientSampleId :

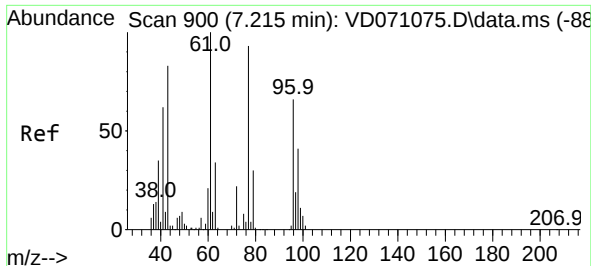
Tgt Ion: 43 Resp: 1210116
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 57.587 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.001 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

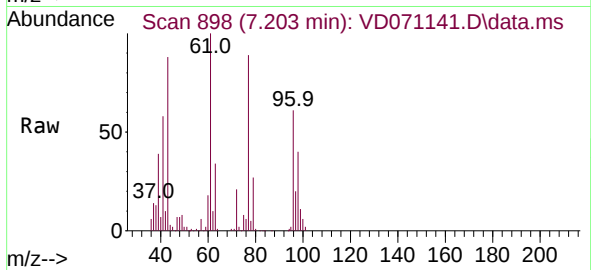
Tgt Ion: 63 Resp: 295521
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 5.1 2.1 6.3



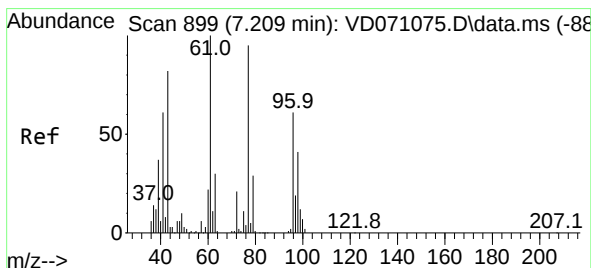
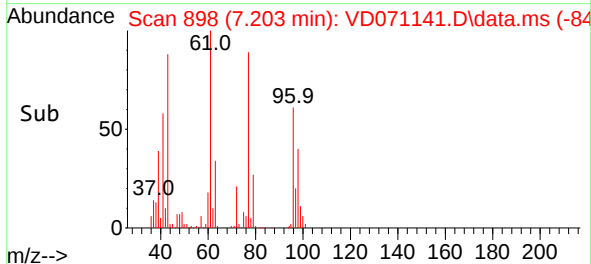
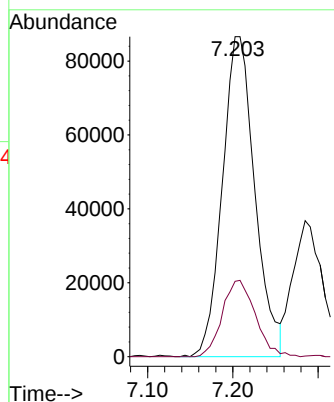


#25
2-Butanone
Concen: 252.401 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :

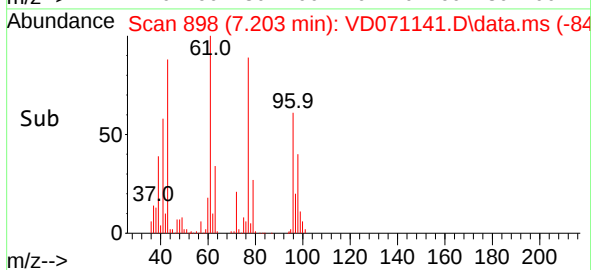
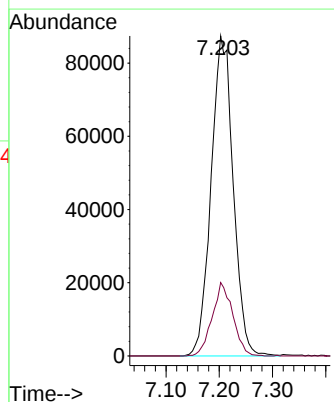
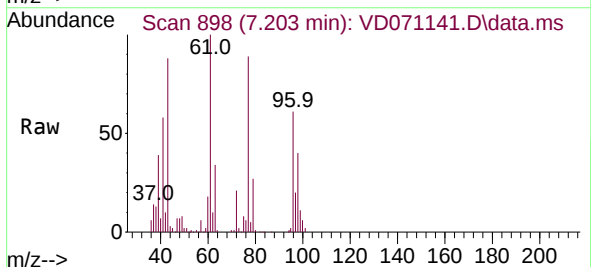


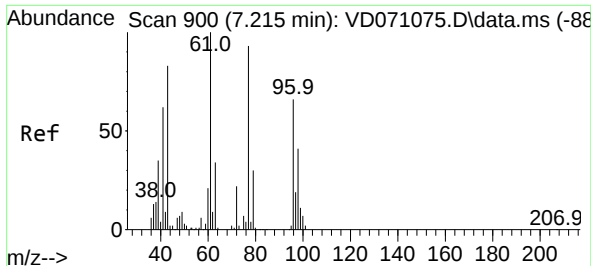
Tgt Ion: 43 Resp: 229663
Ion Ratio Lower Upper
43 100
72 23.5 23.8 35.6#



#26
2,2-Dichloropropane
Concen: 54.031 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 77 Resp: 252134
Ion Ratio Lower Upper
77 100
97 21.4 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 56.099 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.007 min

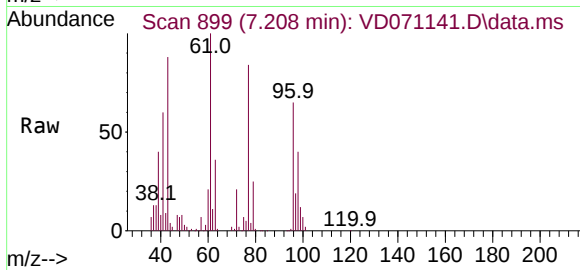
Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :



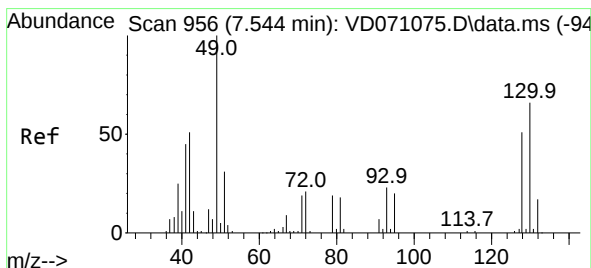
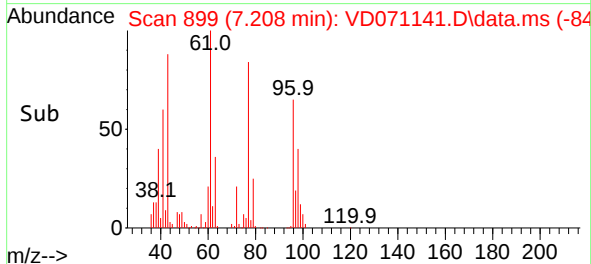
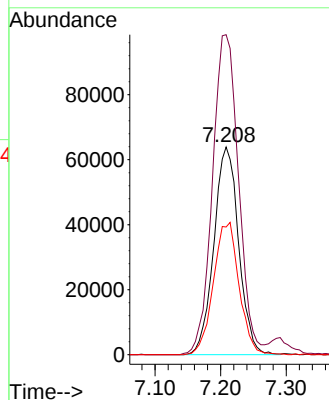
Tgt Ion: 96 Resp: 167495

Ion Ratio Lower Upper

96 100

61 162.5 0.0 288.6

98 66.0 0.0 129.2



#28

Bromochloromethane

Concen: 50.828 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

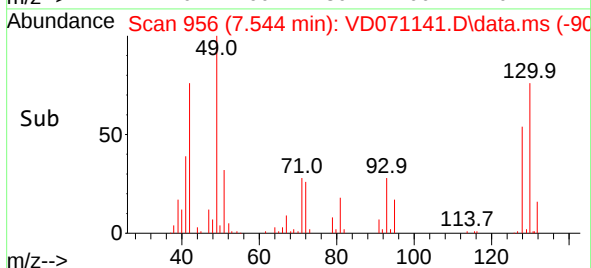
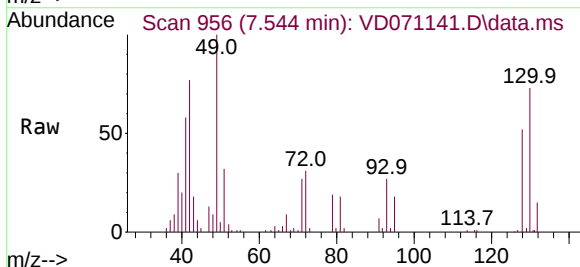
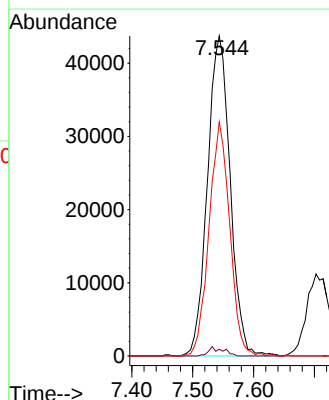
Tgt Ion: 49 Resp: 113292

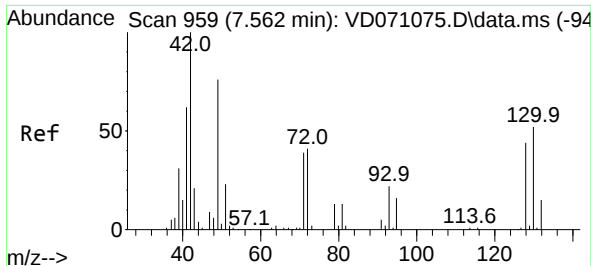
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 66.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 277.435 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.007 min

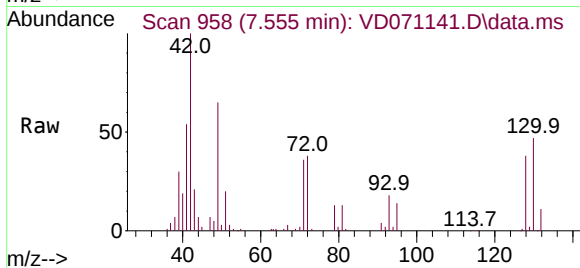
Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :



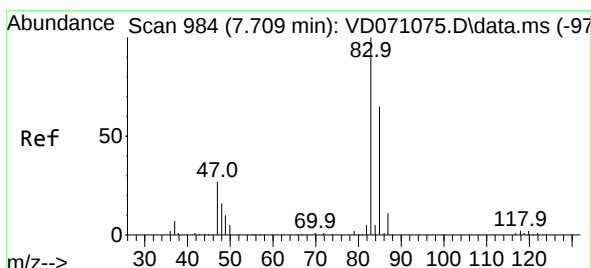
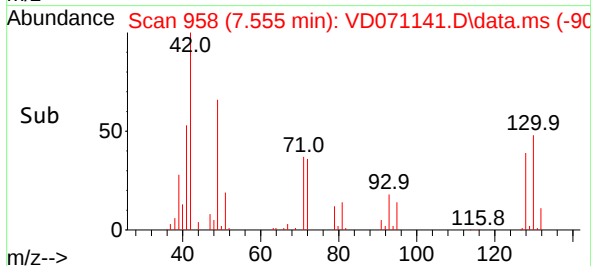
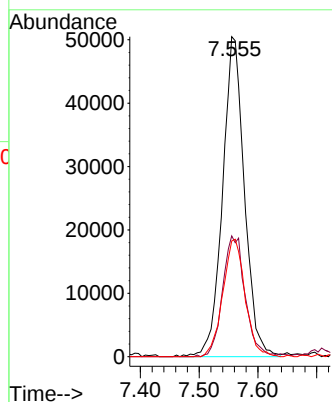
Tgt Ion: 42 Resp: 130546

Ion Ratio Lower Upper

42 100

72 38.8 33.7 50.5

71 37.4 32.7 49.1



#30

Chloroform

Concen: 57.878 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.001 min

Lab File: VD071141.D

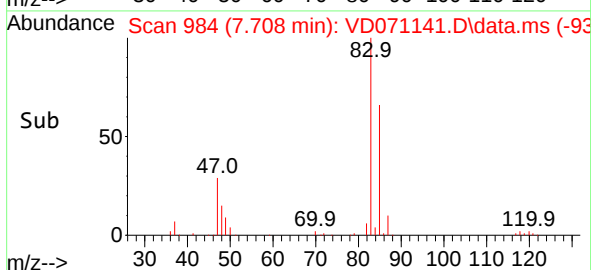
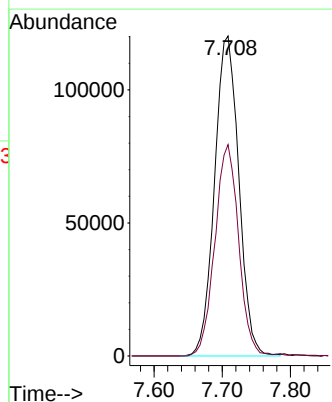
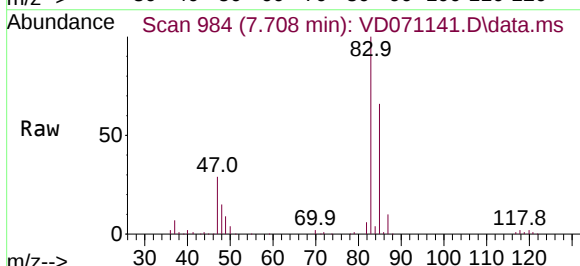
Acq: 04 Dec 2021 13:23

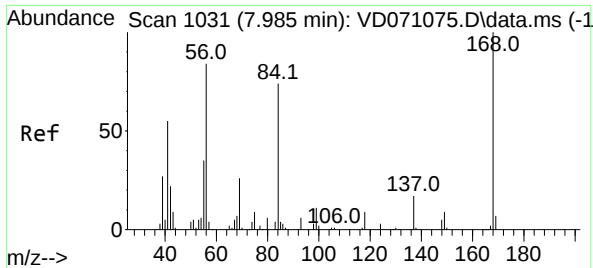
Tgt Ion: 83 Resp: 298086

Ion Ratio Lower Upper

83 100

85 66.1 51.0 76.6



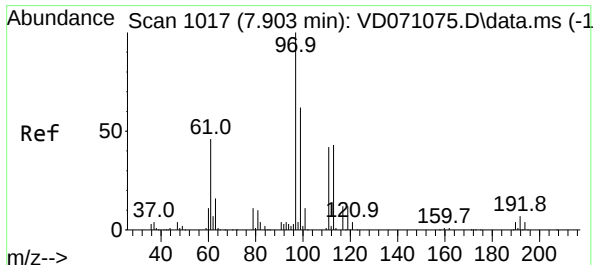
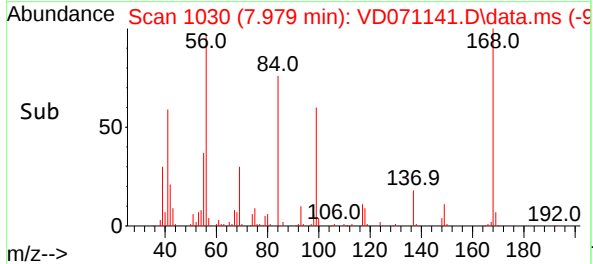
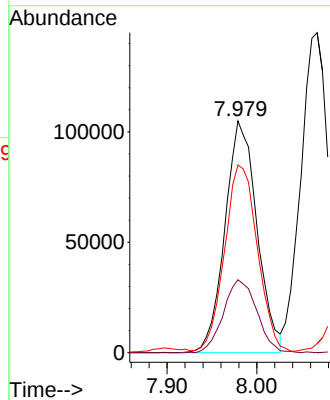
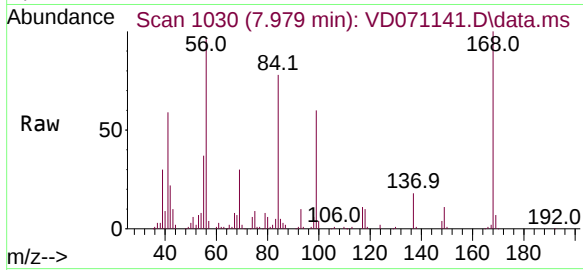


#31
Cyclohexane
Concen: 51.705 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 260621

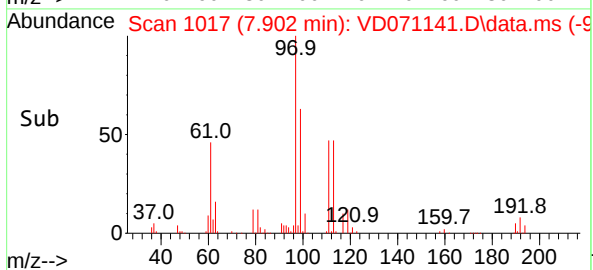
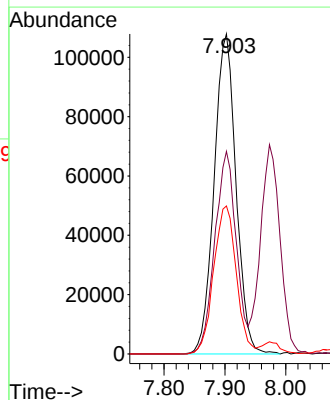
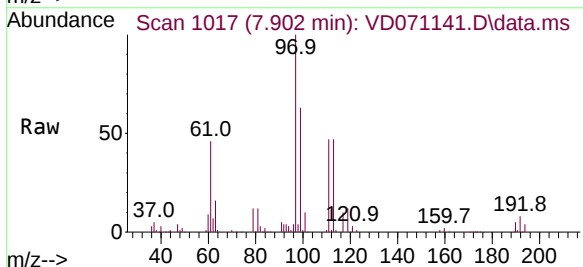
Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.9	38.9
84	79.7	64.3	96.5

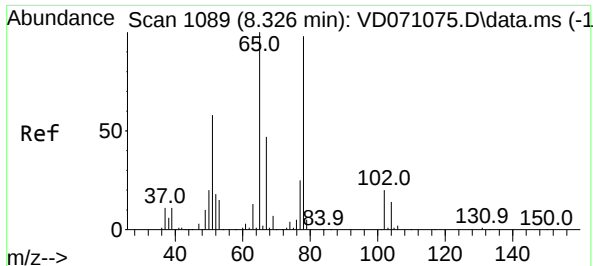


#32
1,1,1-Trichloroethane
Concen: 58.324 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 97 Resp: 269688

Ion	Ratio	Lower	Upper
97	100		
99	62.2	50.3	75.5
61	47.8	33.0	49.4





#33

1,2-Dichloroethane-d4

Concen: 48.496 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

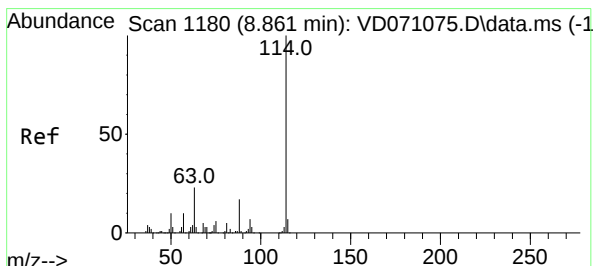
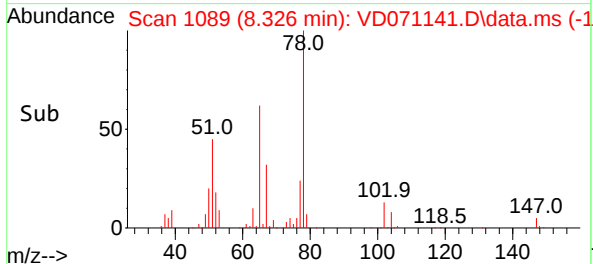
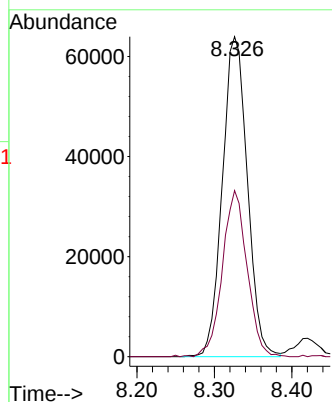
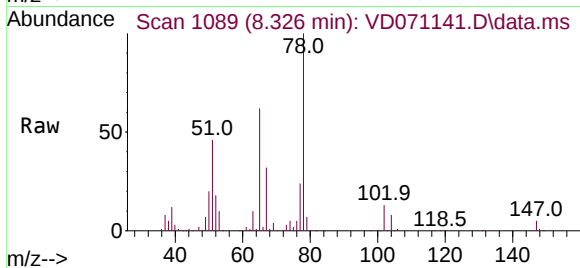
ClientSampleId :

Tgt Ion: 65 Resp: 143708

Ion Ratio Lower Upper

65 100

67 51.2 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: VD071141.D

Acq: 04 Dec 2021 13:23

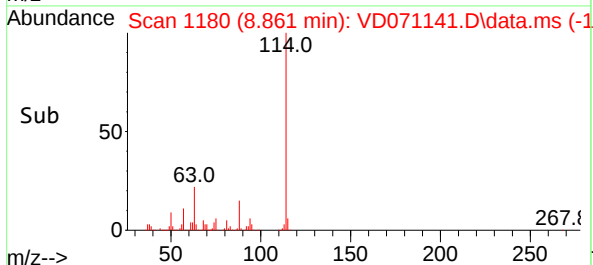
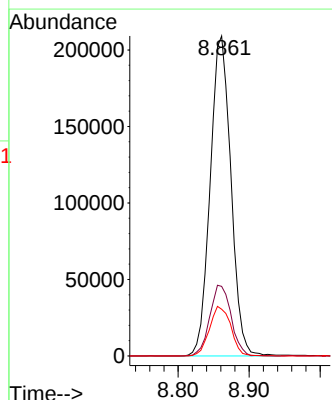
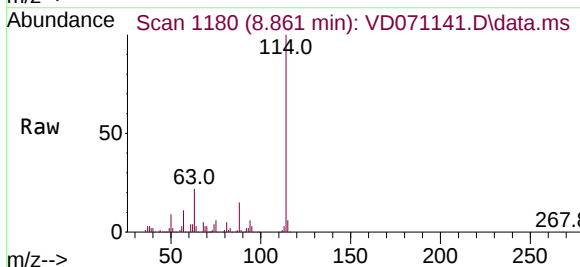
Tgt Ion:114 Resp: 423660

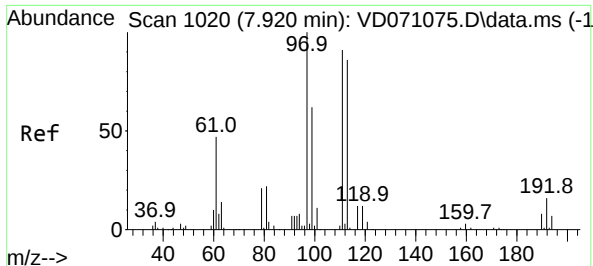
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 14.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.909 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :

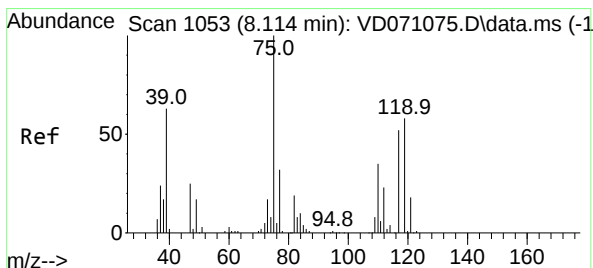
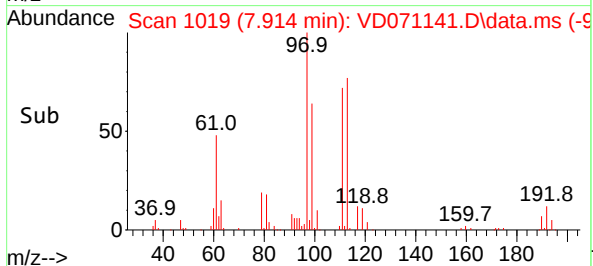
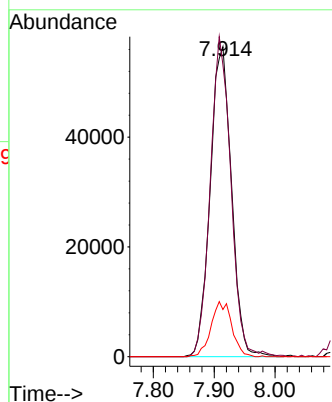
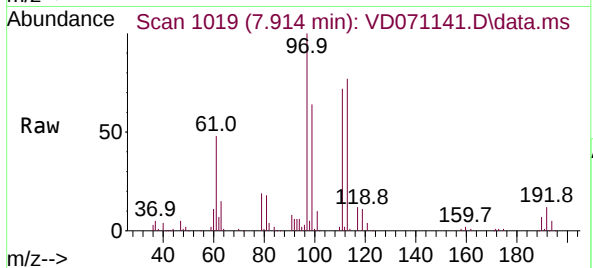
Tgt Ion:113 Resp: 137343

Ion Ratio Lower Upper

113 100

111 99.0 82.0 123.0

192 17.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 56.550 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

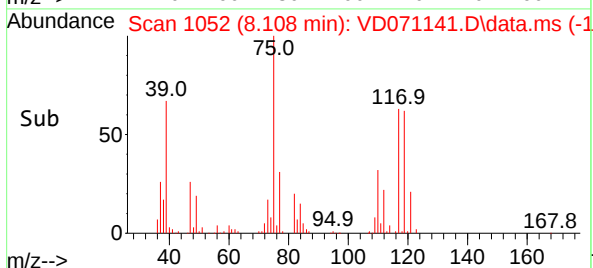
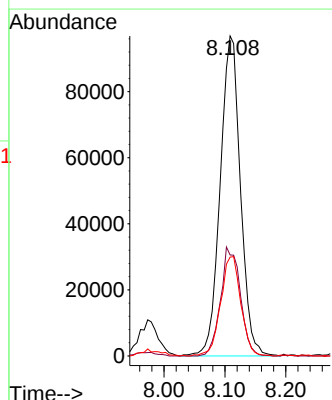
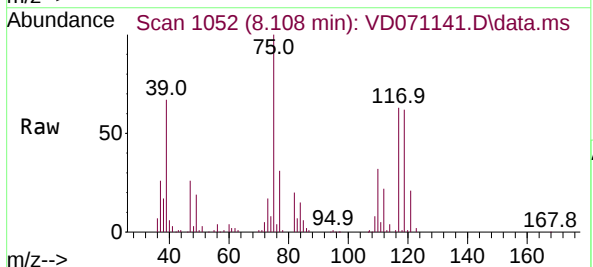
Tgt Ion: 75 Resp: 223918

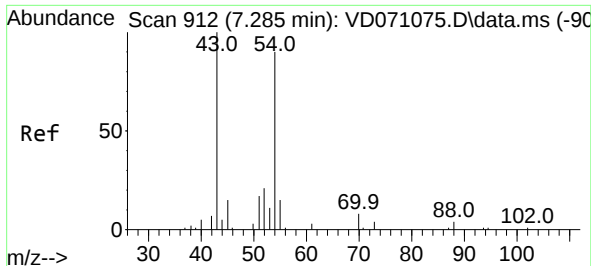
Ion Ratio Lower Upper

75 100

110 33.2 17.8 53.4

77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 53.152 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD071141.D

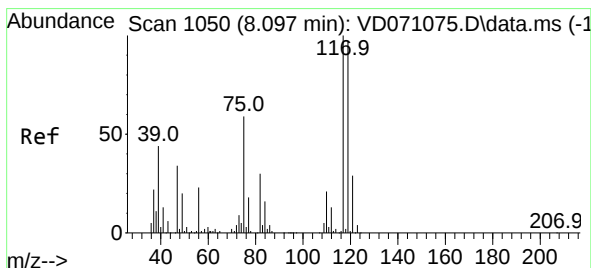
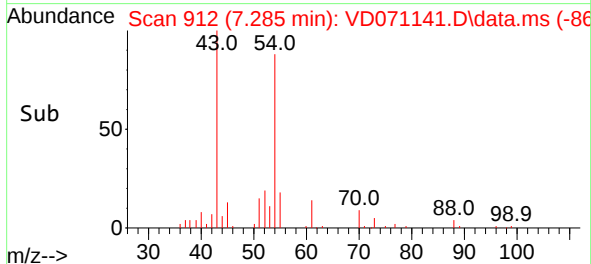
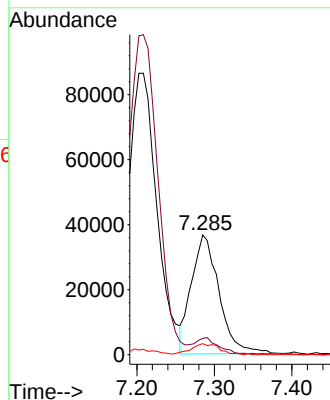
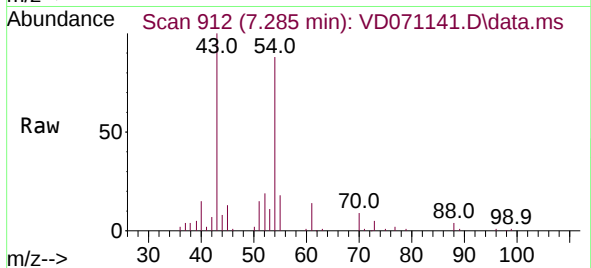
Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp:	90912
Ion Ratio	Lower	Upper
43	100	
61	11.7	13.0
70	9.5	8.7



#38

Carbon Tetrachloride

Concen: 58.920 ug/l

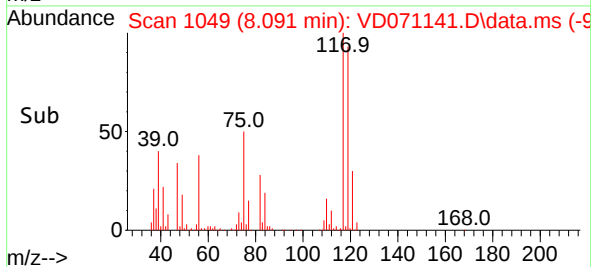
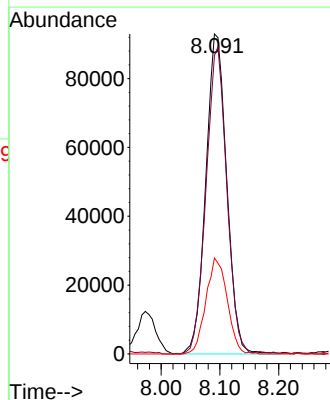
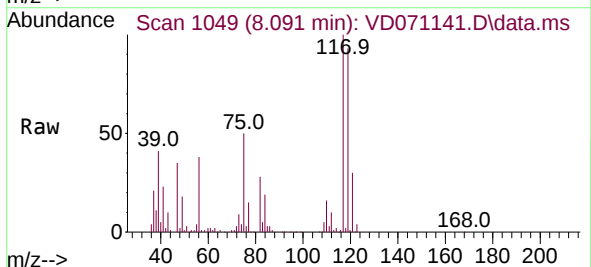
RT: 8.091 min Scan# 1049

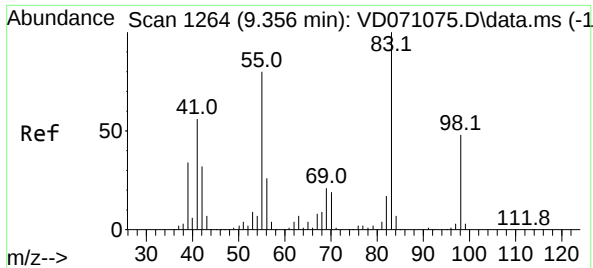
Delta R.T. -0.006 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Tgt Ion: 117	Resp:	229980
Ion Ratio	Lower	Upper
117	100	
119	93.2	75.8
121	30.0	23.6





#39

Methylcyclohexane

Concen: 53.574 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.007 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :

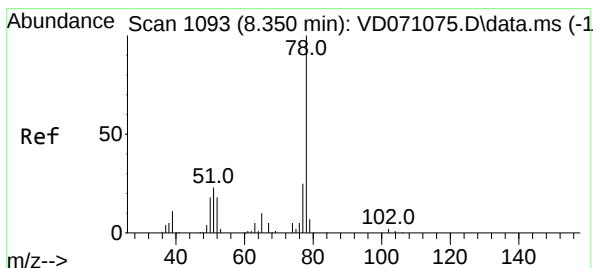
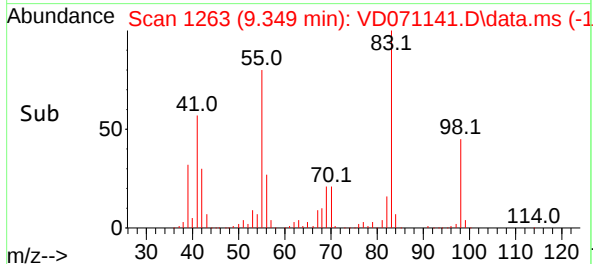
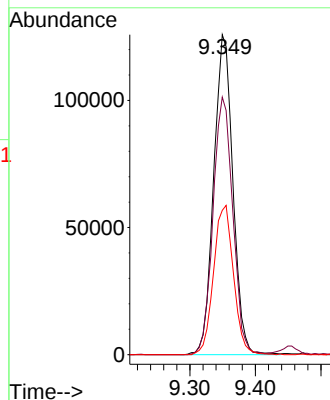
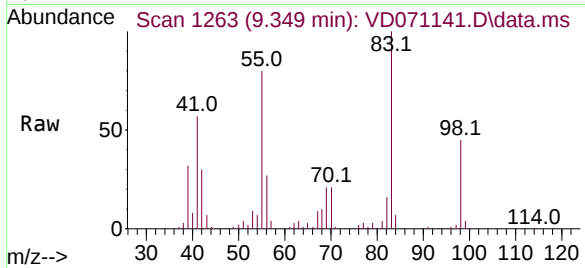
Tgt Ion: 83 Resp: 255151

Ion Ratio Lower Upper

83 100

55 80.5 65.8 98.8

98 45.1 38.7 58.1



#40

Benzene

Concen: 56.755 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071141.D

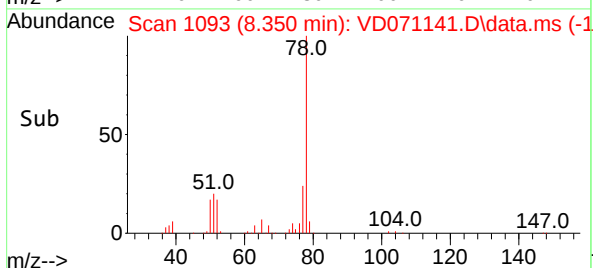
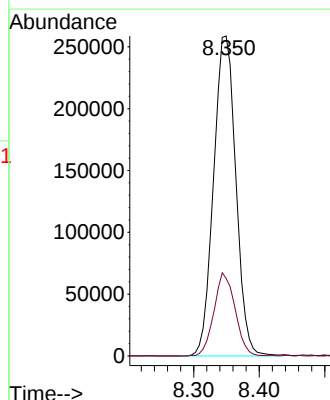
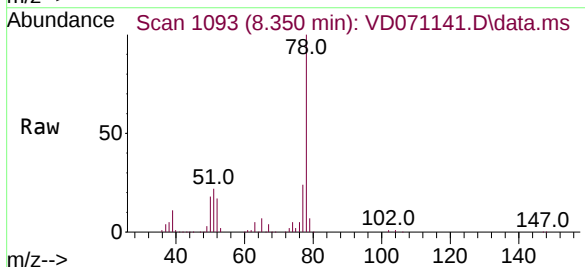
Acq: 04 Dec 2021 13:23

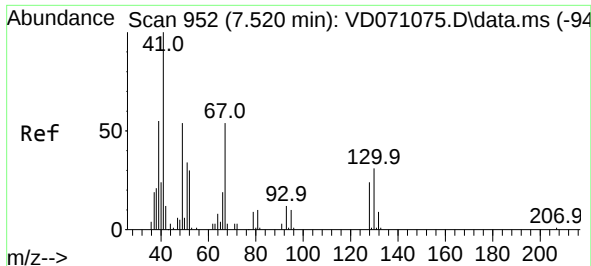
Tgt Ion: 78 Resp: 610431

Ion Ratio Lower Upper

78 100

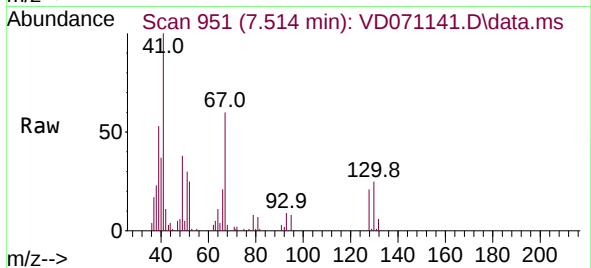
77 24.3 19.1 28.7



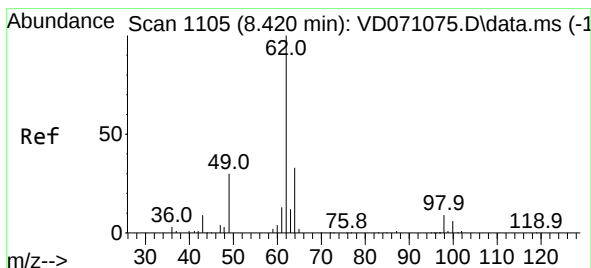
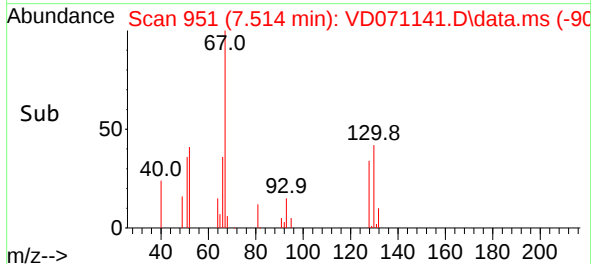
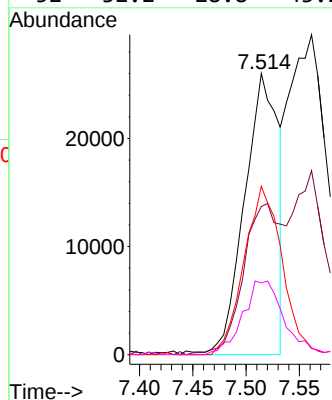


#41
Methacrylonitrile
Concen: 65.097 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :

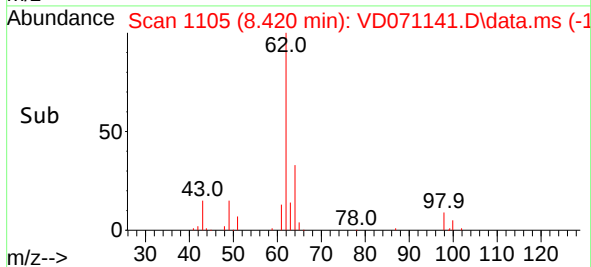
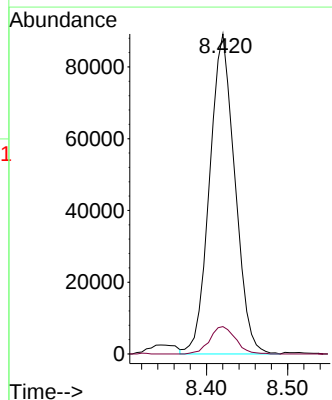
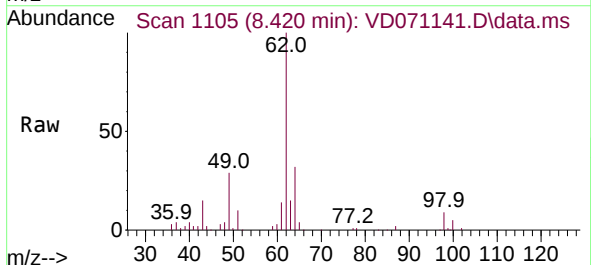


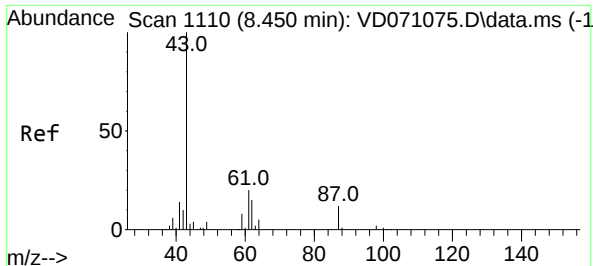
Tgt Ion:	41	Resp:	57590
Ion	Ratio	Lower	Upper
41	100		
39	63.9	60.2	90.4
67	67.2	74.8	112.2#
52	32.2	28.8	43.2



#42
1,2-Dichloroethane
Concen: 58.815 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion:	62	Resp:	193093
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	21.8





#43

Isopropyl Acetate

Concen: 49.635 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

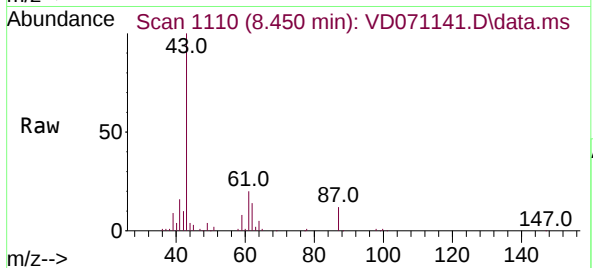
Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :



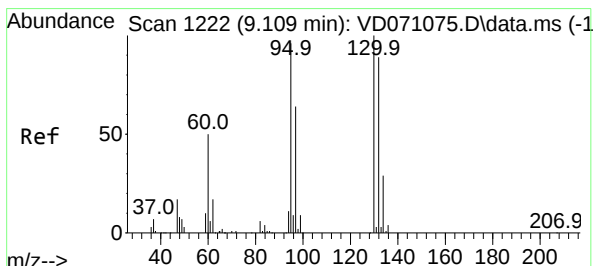
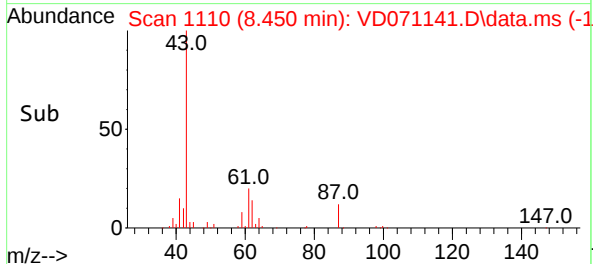
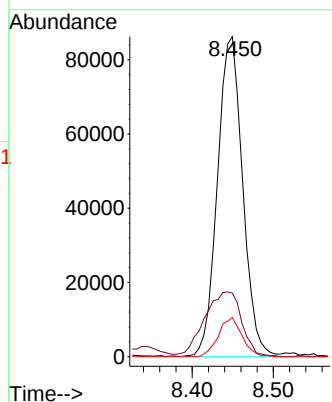
Tgt Ion: 43 Resp: 186647

Ion Ratio Lower Upper

43 100

61 29.7 28.2 42.4

87 11.4 10.7 16.1



#44

Trichloroethene

Concen: 56.775 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VD071141.D

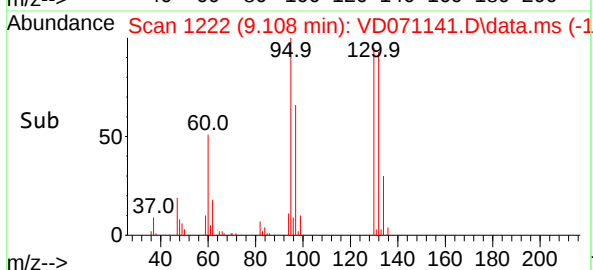
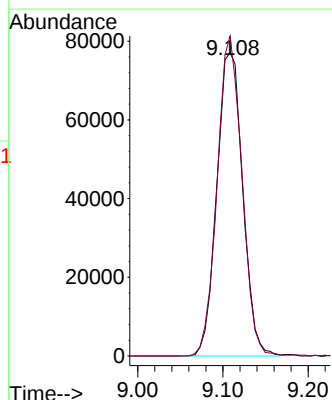
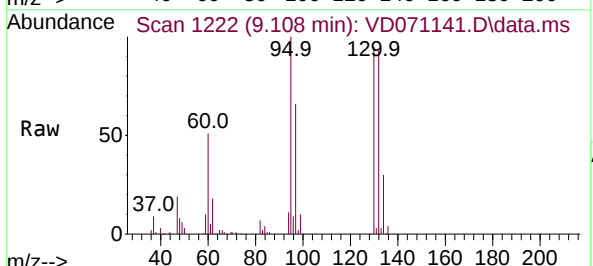
Acq: 04 Dec 2021 13:23

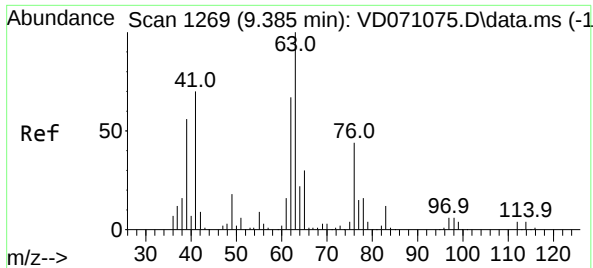
Tgt Ion:130 Resp: 162814

Ion Ratio Lower Upper

130 100

95 105.5 0.0 193.2





#45

1,2-Dichloropropane

Concen: 57.783 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

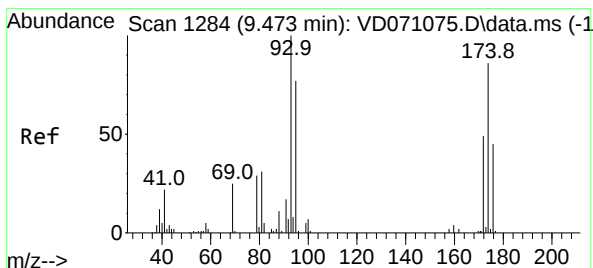
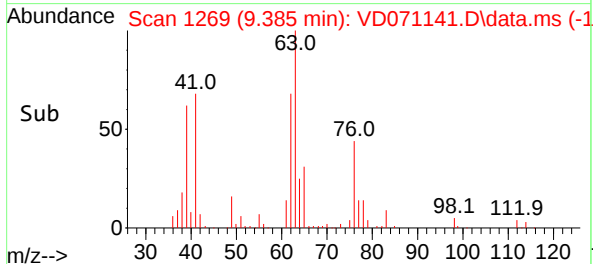
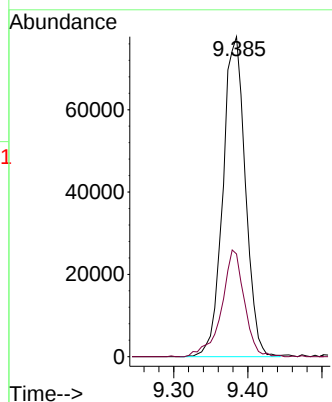
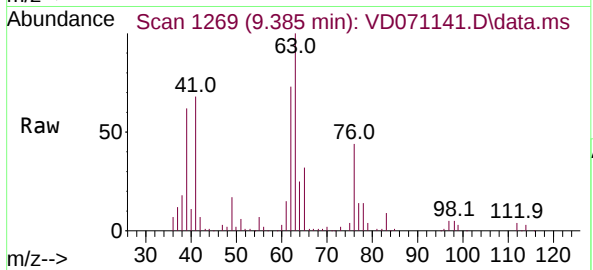
ClientSampleId :

Tgt Ion: 63 Resp: 163439

Ion Ratio Lower Upper

63 100

65 32.1 24.2 36.2



#46

Dibromomethane

Concen: 56.207 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

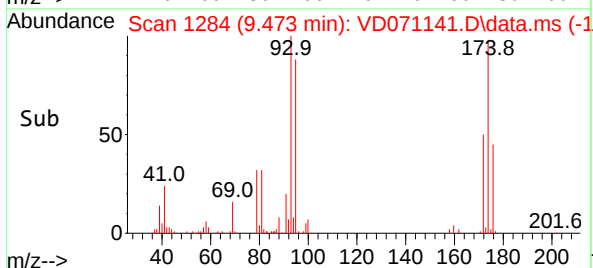
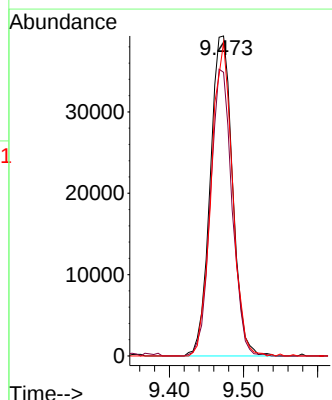
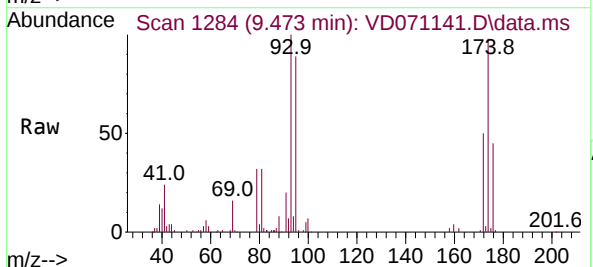
Tgt Ion: 93 Resp: 82483

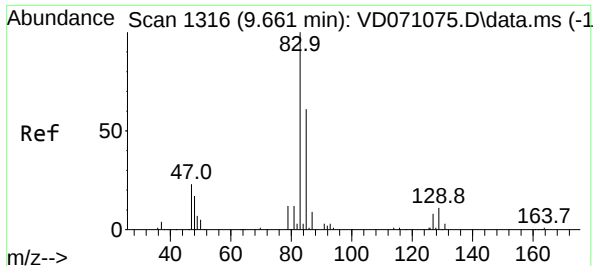
Ion Ratio Lower Upper

93 100

95 86.2 66.1 99.1

174 92.7 78.6 117.8





#47

Bromodichloromethane

Concen: 58.944 ug/l

RT: 9.655 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :

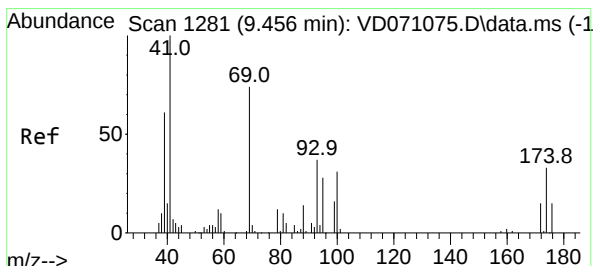
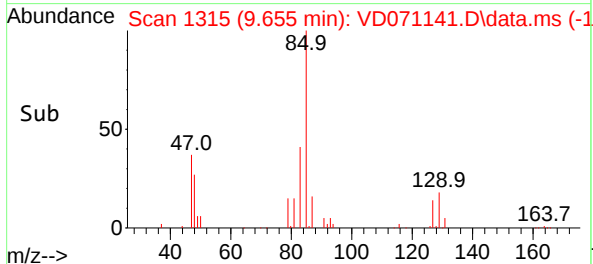
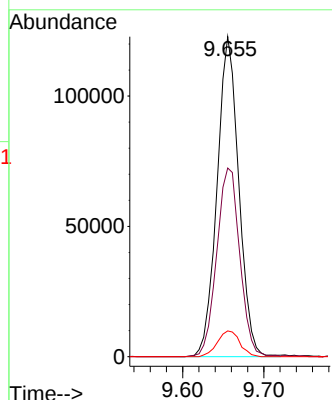
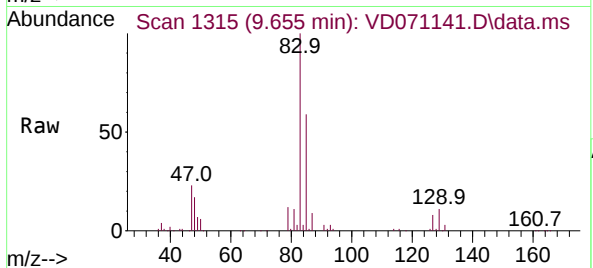
Tgt Ion: 83 Resp: 228756

Ion Ratio Lower Upper

83 100

85 58.9 50.0 75.0

127 8.0 7.3 10.9



#48

Methyl methacrylate

Concen: 55.779 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.007 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

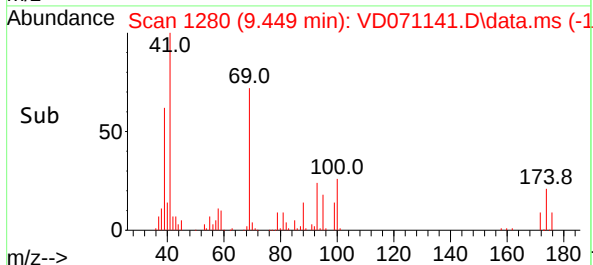
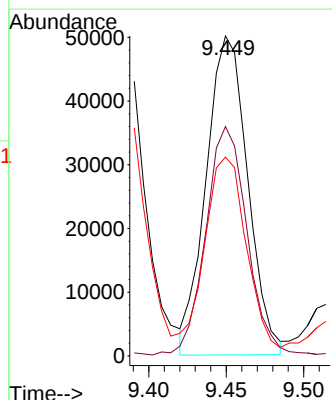
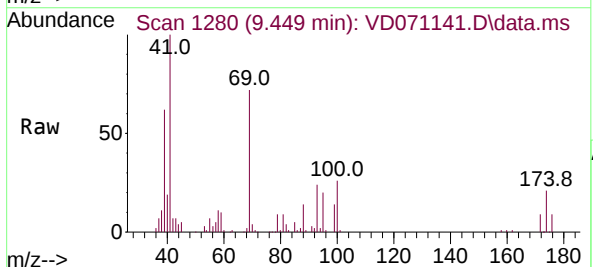
Tgt Ion: 41 Resp: 93387

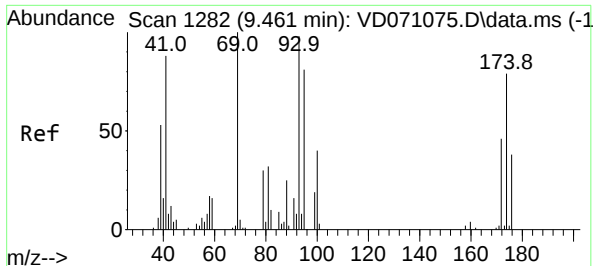
Ion Ratio Lower Upper

41 100

69 72.2 69.8 104.6

39 63.9 35.6 53.4#





#49

1,4-Dioxane

Concen: 1177.137 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :

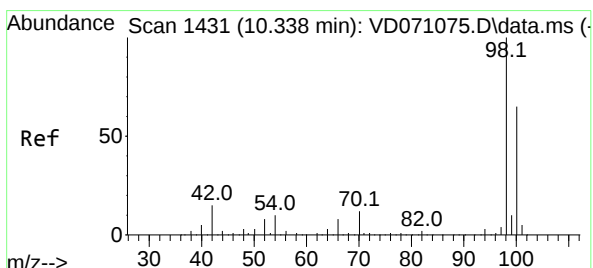
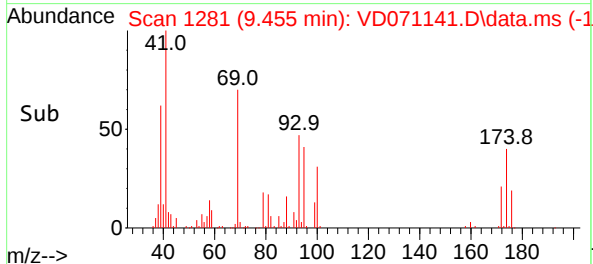
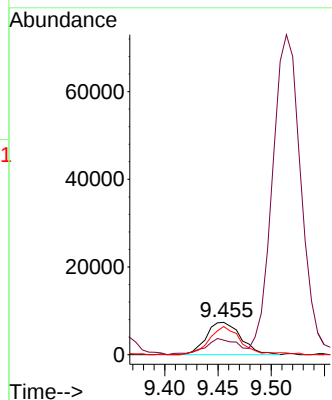
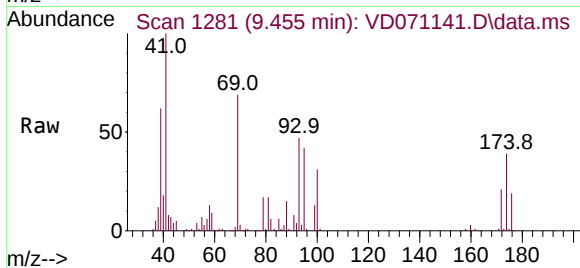
Tgt Ion: 88 Resp: 16675

Ion Ratio Lower Upper

88 100

43 48.4 28.9 43.3#

58 80.2 56.3 84.5



#50

Toluene-d8

Concen: 47.178 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD071141.D

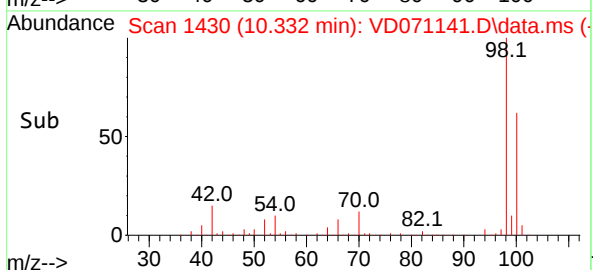
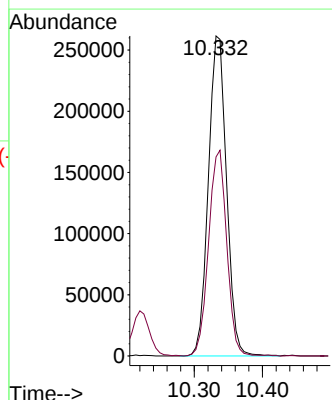
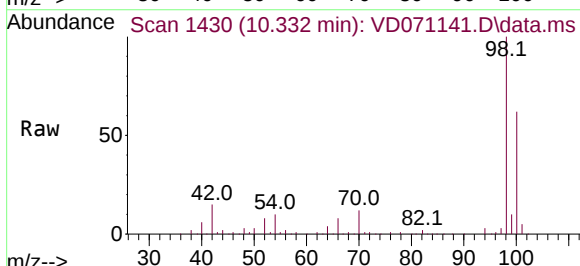
Acq: 04 Dec 2021 13:23

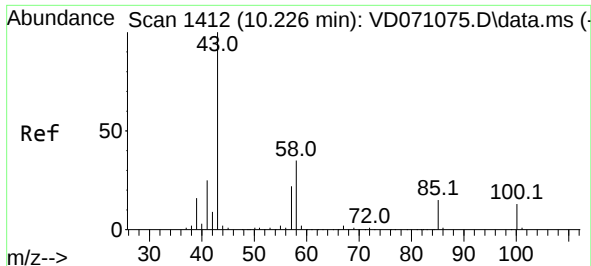
Tgt Ion: 98 Resp: 484357

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 255.031 ug/l

RT: 10.220 min Scan# 1412

Delta R.T. -0.006 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

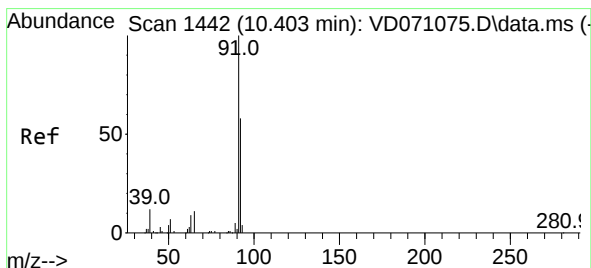
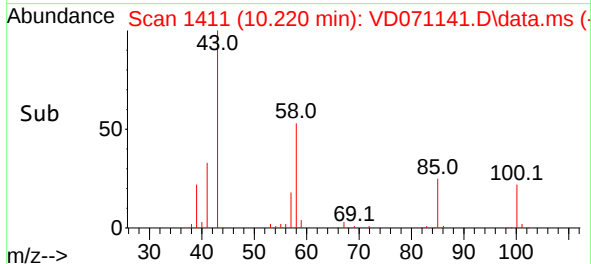
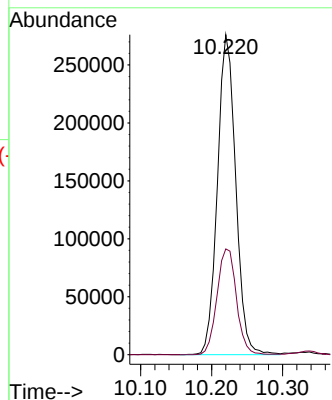
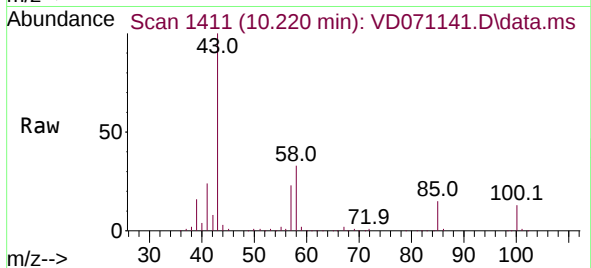
ClientSampleId :

Tgt Ion: 43 Resp: 493243

Ion Ratio Lower Upper

43 100

58 35.1 33.1 49.7



#52

Toluene

Concen: 57.083 ug/l

RT: 10.396 min Scan# 1441

Delta R.T. -0.007 min

Lab File: VD071141.D

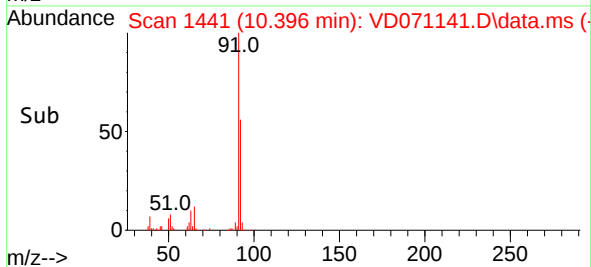
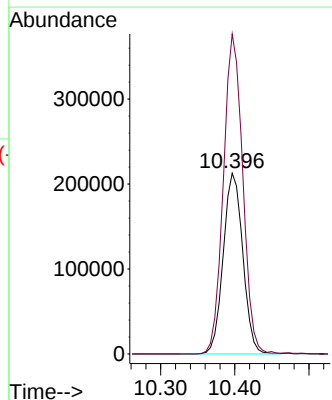
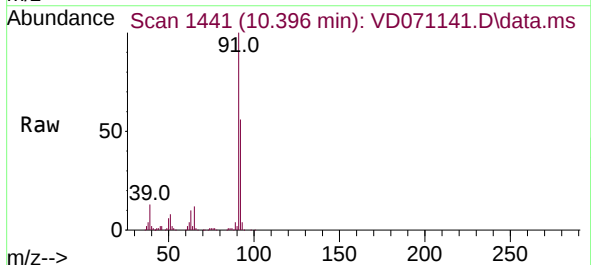
Acq: 04 Dec 2021 13:23

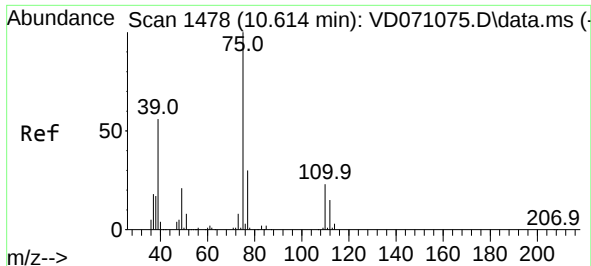
Tgt Ion: 92 Resp: 389548

Ion Ratio Lower Upper

92 100

91 175.9 140.7 211.1

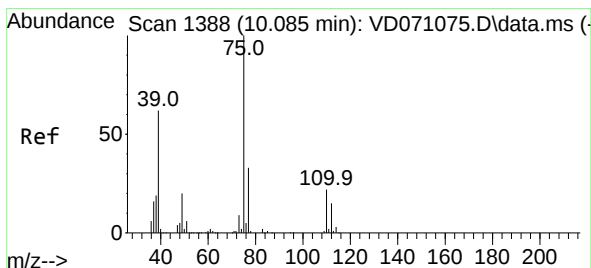
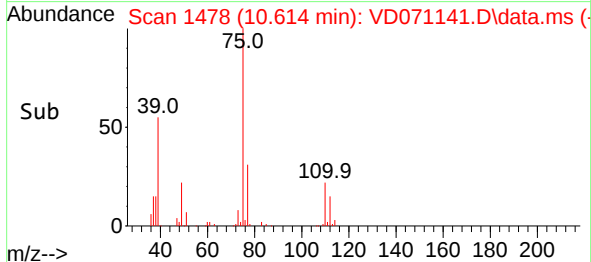
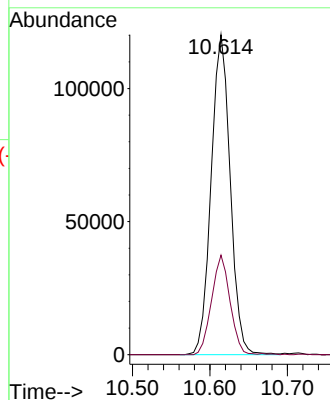
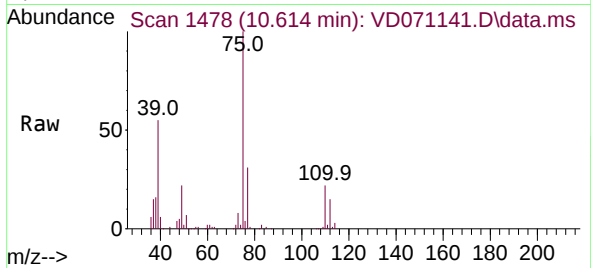




#53
t-1,3-Dichloropropene
Concen: 57.651 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

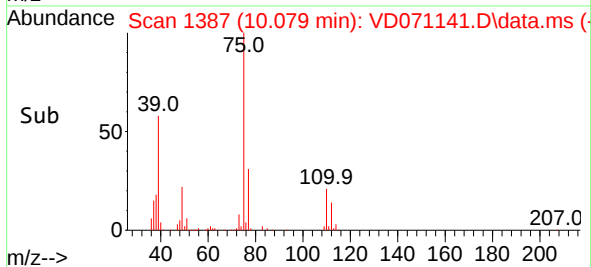
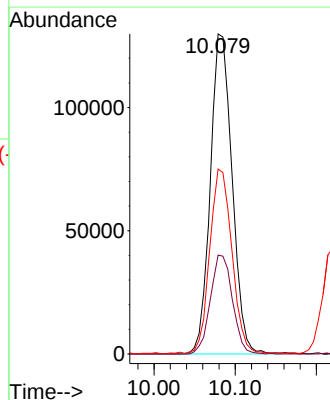
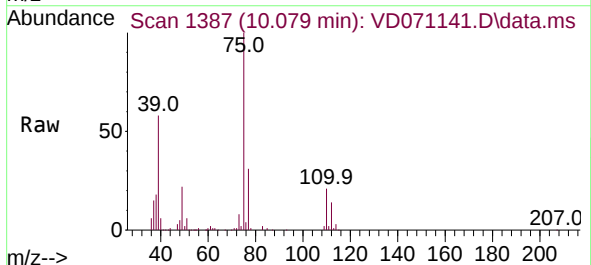
Instrument :
MSVOA_D
ClientSampleId :

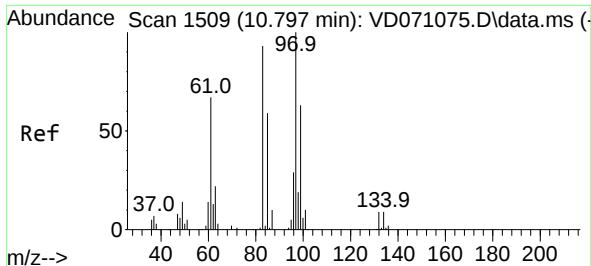
Tgt Ion: 75 Resp: 205708
Ion Ratio Lower Upper
75 100
77 31.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 57.202 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

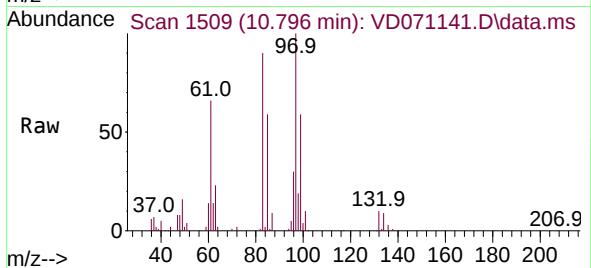
Tgt Ion: 75 Resp: 242444
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.6
39 57.4 31.6 47.4#



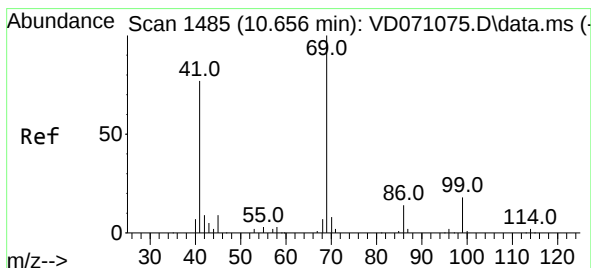
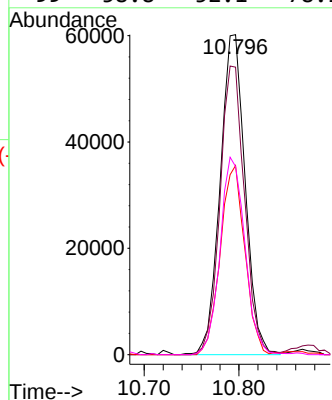
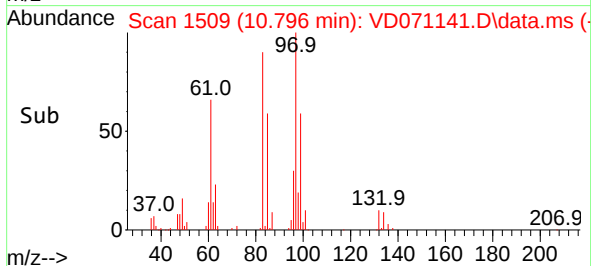


#55
1,1,2-Trichloroethane
Concen: 57.360 ug/l
RT: 10.796 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :

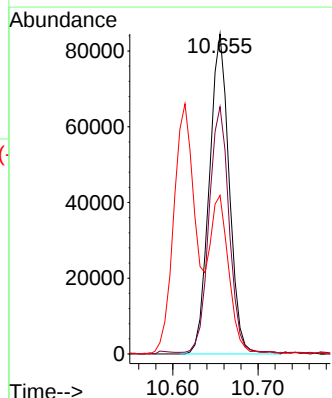
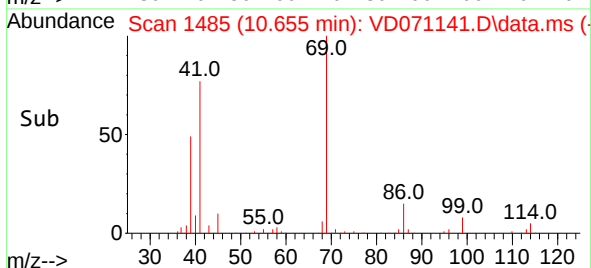
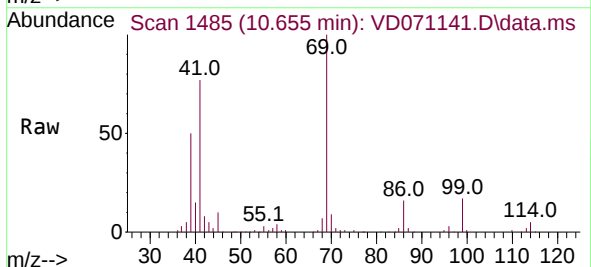


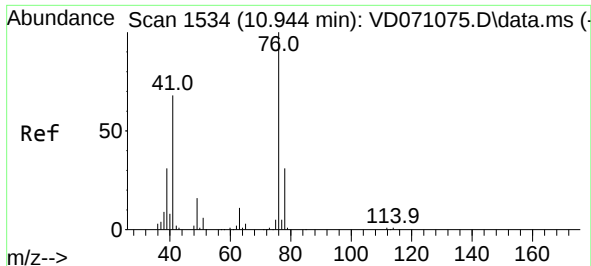
Tgt Ion: 97	Resp: 110425
Ion Ratio	Lower Upper
97 100	
83 89.8	65.2 97.8
85 59.1	43.4 65.0
99 58.8	52.1 78.1



#56
Ethyl methacrylate
Concen: 49.489 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 69	Resp: 136964
Ion Ratio	Lower Upper
69 100	
41 77.3	50.2 75.2#
39 44.8	19.8 29.8#

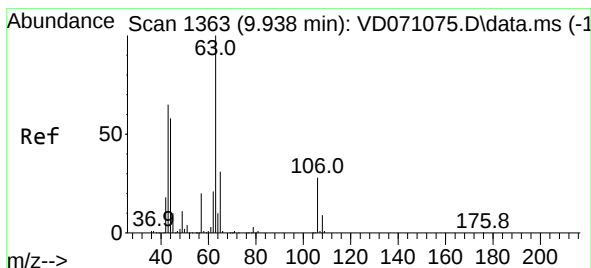
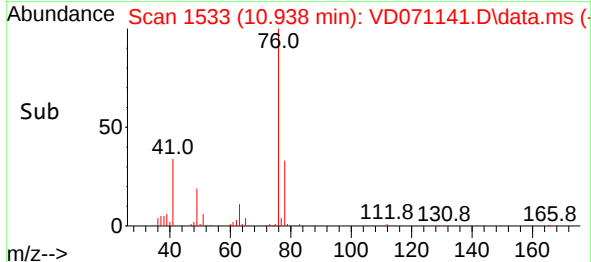
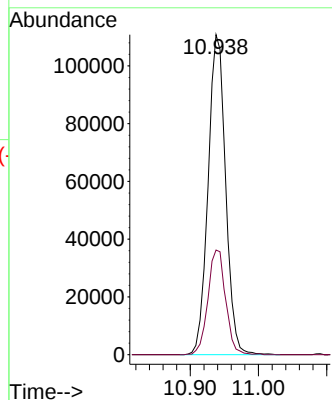
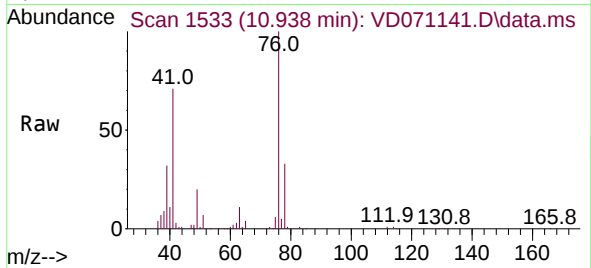




#57
 1,3-Dichloropropane
 Concen: 58.550 ug/l
 RT: 10.938 min Scan# 1533
 Delta R.T. -0.006 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

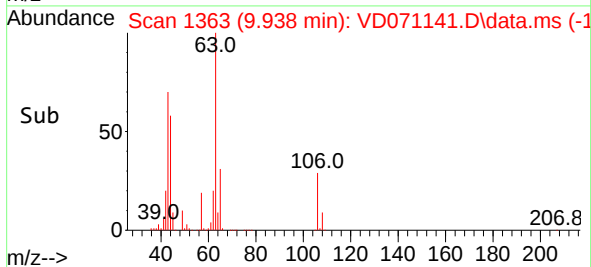
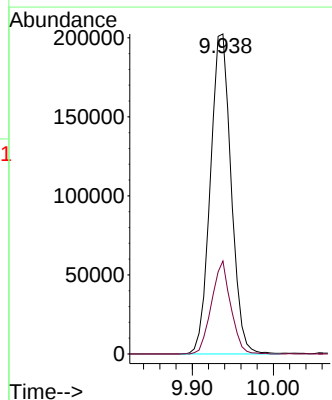
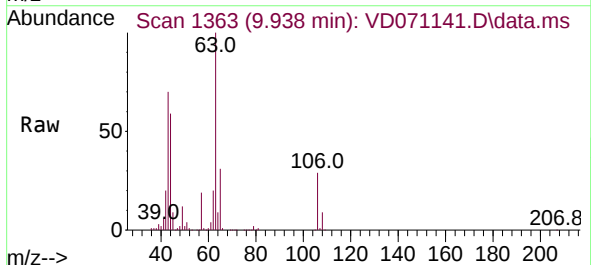
Instrument :
 MSVOA_D
 ClientSampleId :

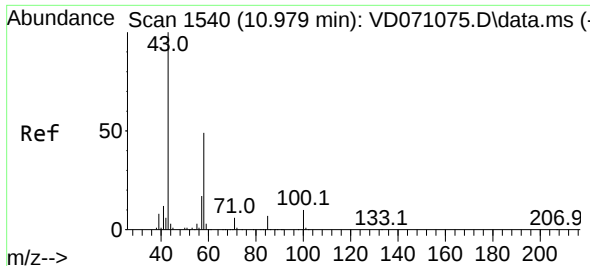
Tgt Ion: 76 Resp: 198010
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.534 ug/l
 RT: 9.938 min Scan# 1363
 Delta R.T. -0.000 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

Tgt Ion: 63 Resp: 359642
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.4

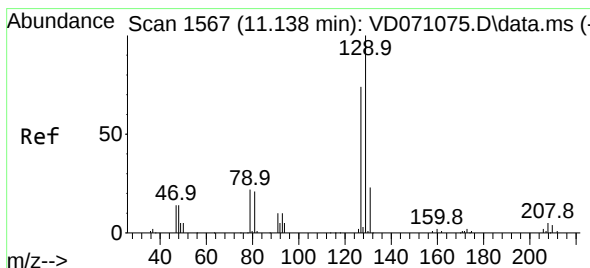
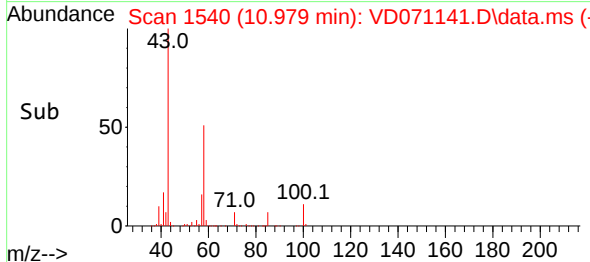
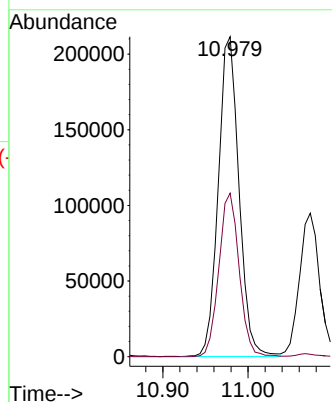
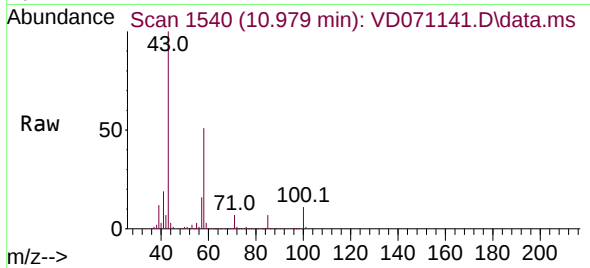




#59
2-Hexanone
Concen: 245.825 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

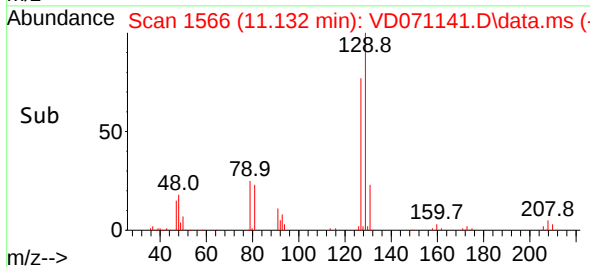
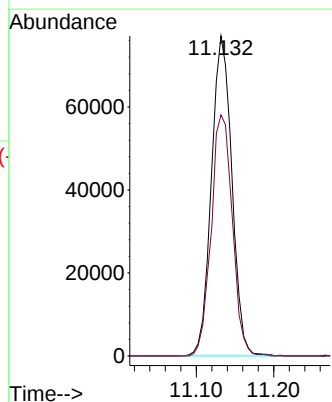
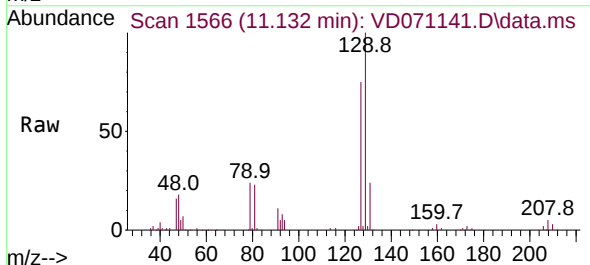
Instrument :
MSVOA_D
ClientSampleId :

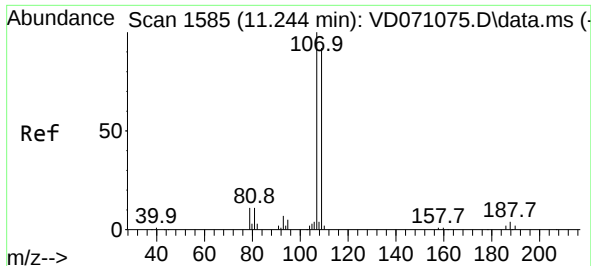
Tgt Ion: 43 Resp: 356283
Ion Ratio Lower Upper
43 100
58 50.4 28.7 86.1



#60
Dibromochloromethane
Concen: 59.261 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 129 Resp: 141790
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.6

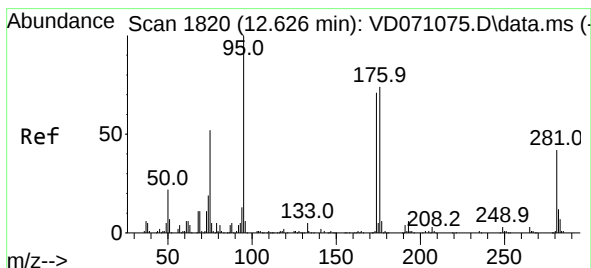
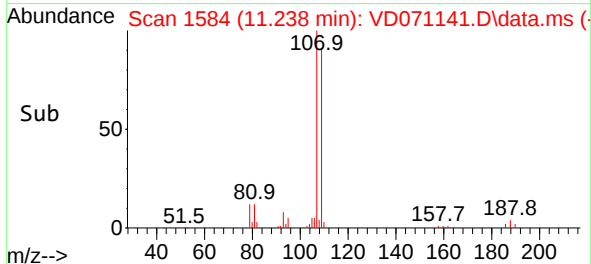
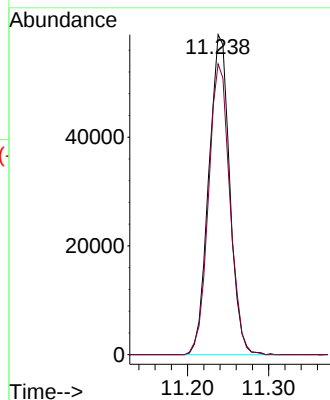
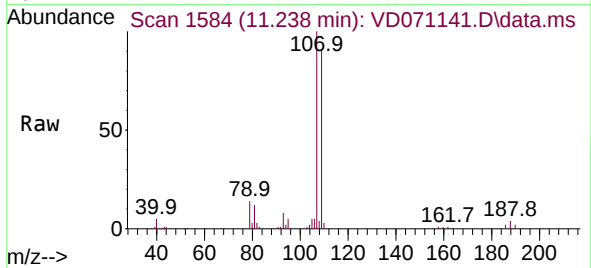




#61
1,2-Dibromoethane
Concen: 56.924 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

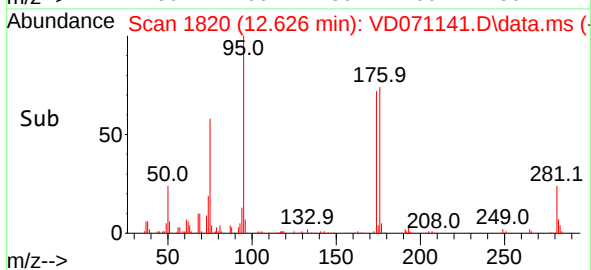
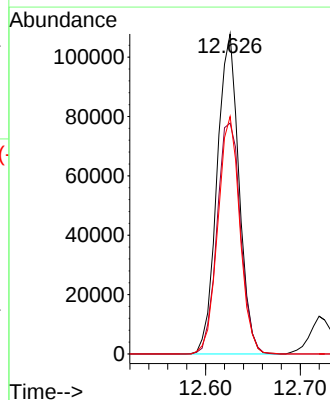
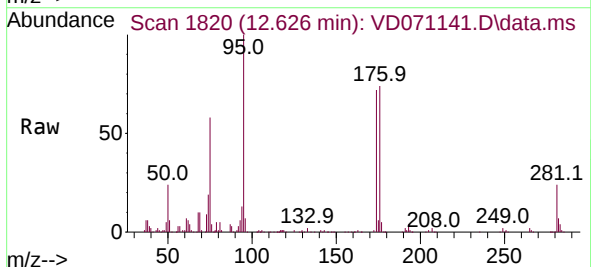
Instrument :
MSVOA_D
ClientSampleId :

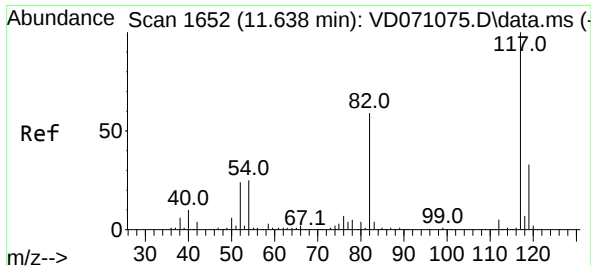
Tgt Ion:107 Resp: 105246
Ion Ratio Lower Upper
107 100
109 92.5 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 48.692 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 95 Resp: 173285
Ion Ratio Lower Upper
95 100
174 77.7 0.0 159.4
176 74.2 0.0 154.0

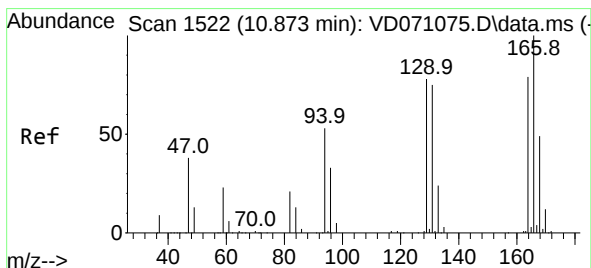
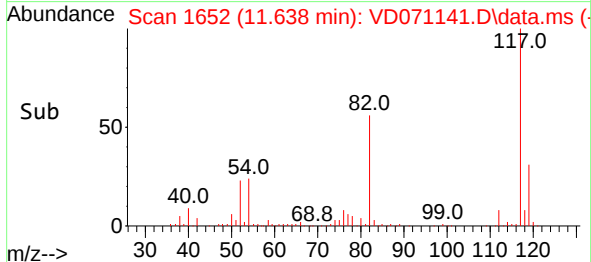
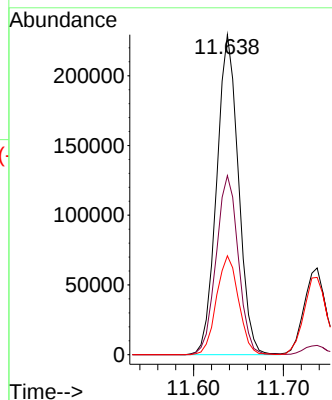
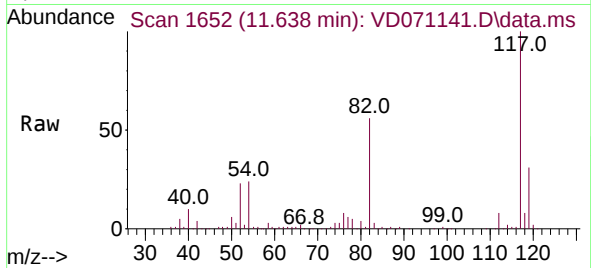




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

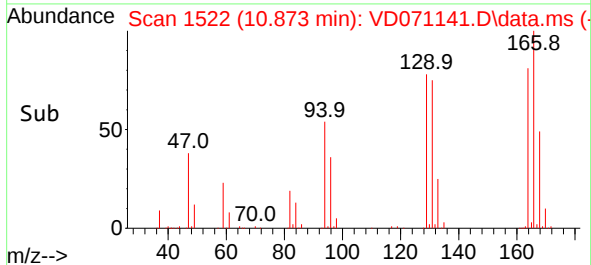
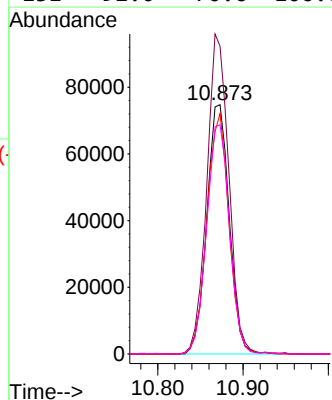
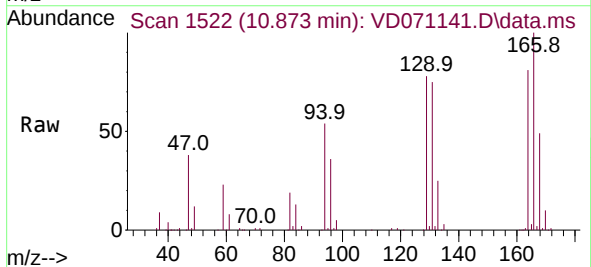
Instrument :
MSVOA_D
ClientSampleId :

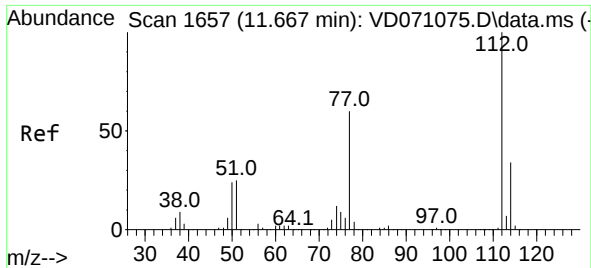
Tgt Ion:117 Resp: 387447
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 30.9 26.2 39.4



#64
Tetrachloroethene
Concen: 55.741 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion:164 Resp: 137106
Ion Ratio Lower Upper
164 100
166 123.4 102.6 153.8
129 96.4 75.4 113.0
131 92.0 70.6 106.0

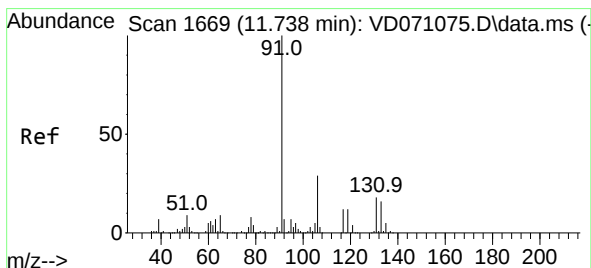
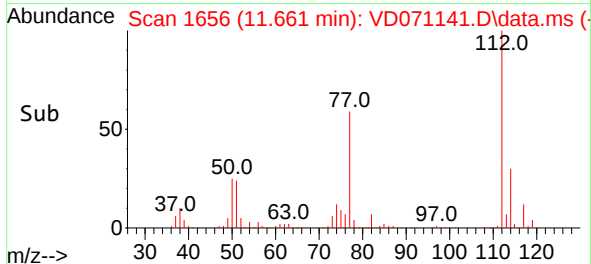
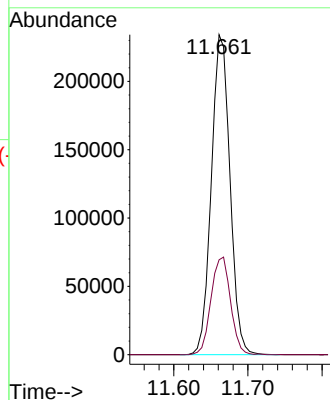
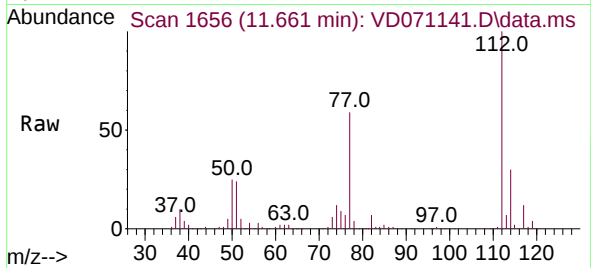




#65
Chlorobenzene
Concen: 56.871 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

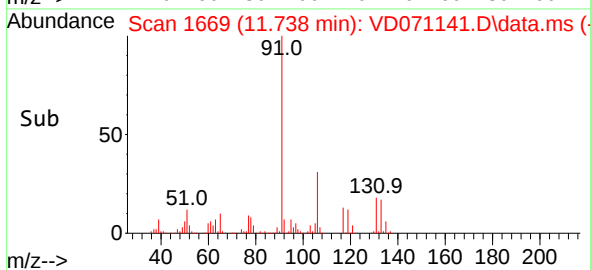
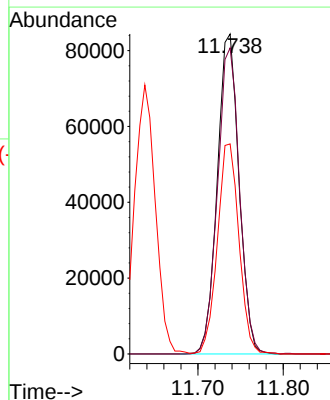
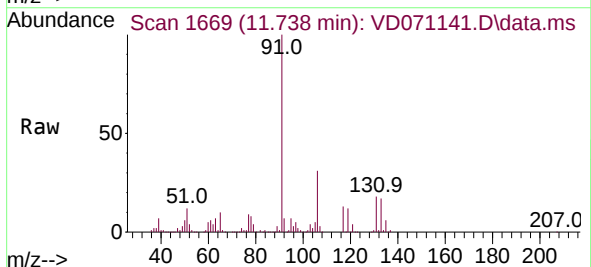
Instrument :
MSVOA_D
ClientSampleId :

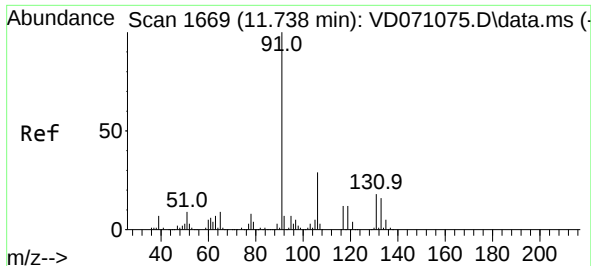
Tgt Ion:112 Resp: 408837
Ion Ratio Lower Upper
112 100
114 29.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 56.995 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion:131 Resp: 149601
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.0
119 65.4 33.5 100.4





#67

Ethyl Benzene

Concen: 56.981 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

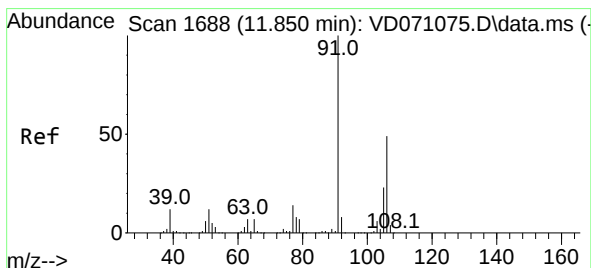
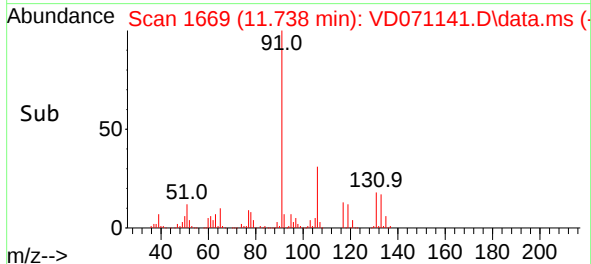
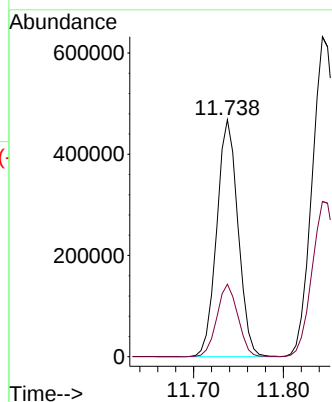
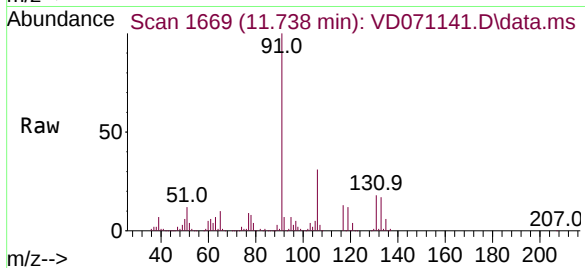
ClientSampleId :

Tgt Ion: 91 Resp: 771128

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 116.034 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.007 min

Lab File: VD071141.D

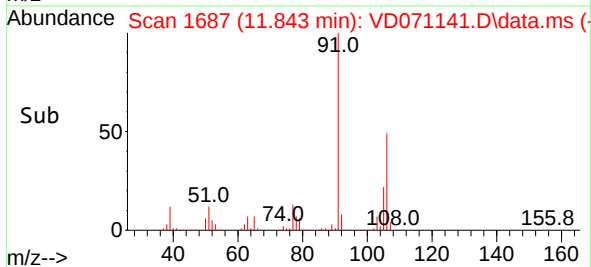
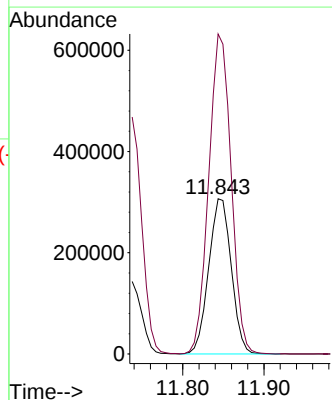
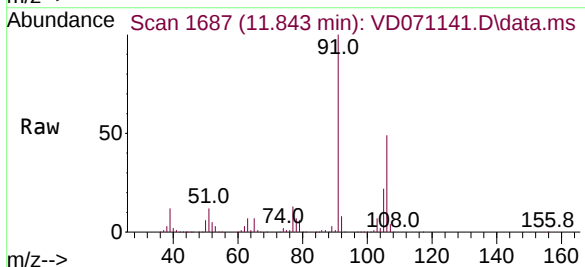
Acq: 04 Dec 2021 13:23

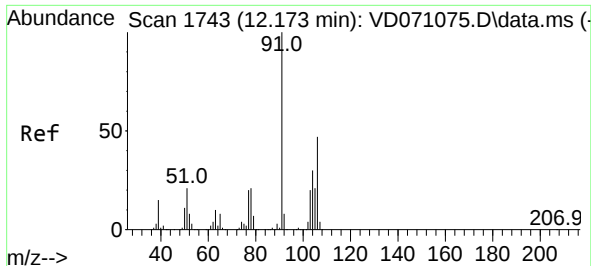
Tgt Ion:106 Resp: 592840

Ion Ratio Lower Upper

106 100

91 204.4 160.1 240.1

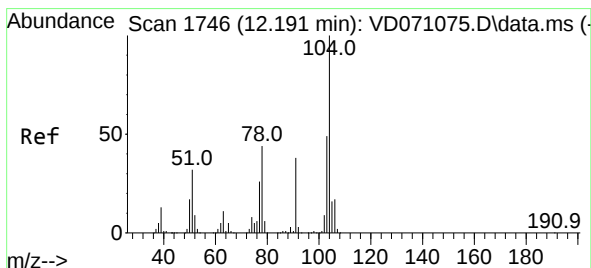
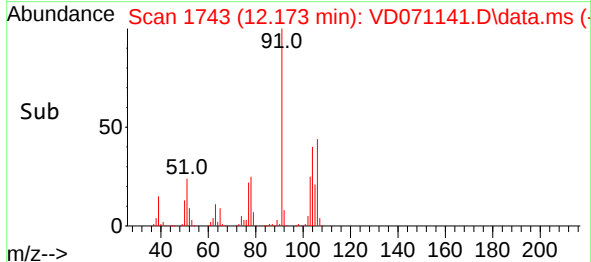
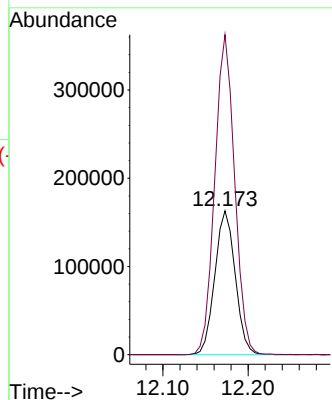
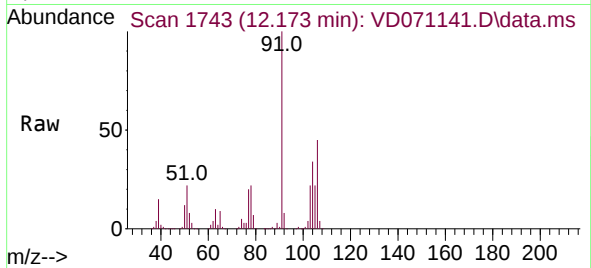




#69
o-Xylene
Concen: 56.483 ug/l
RT: 12.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

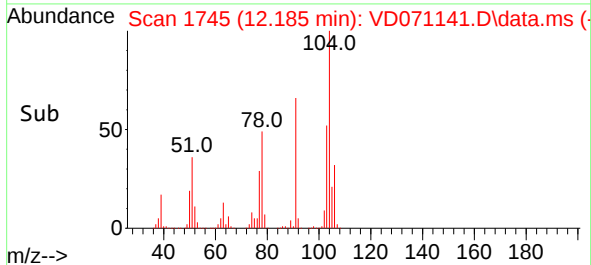
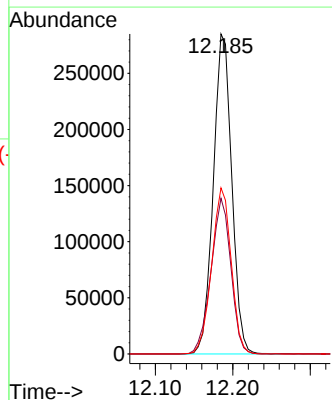
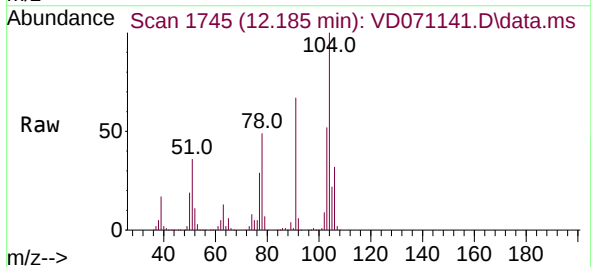
Instrument :
MSVOA_D
ClientSampleId :

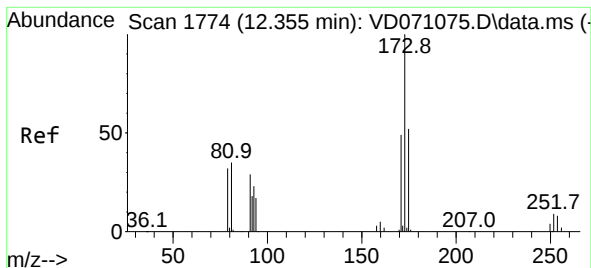
Tgt Ion:106 Resp: 271234
Ion Ratio Lower Upper
106 100
91 217.2 106.3 319.0



#70
Styrene
Concen: 58.527 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion:104 Resp: 473666
Ion Ratio Lower Upper
104 100
78 52.2 39.4 59.0
103 54.7 43.4 65.0





#71

Bromoform

Concen: 57.862 ug/l

RT: 12.355 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD071141.D

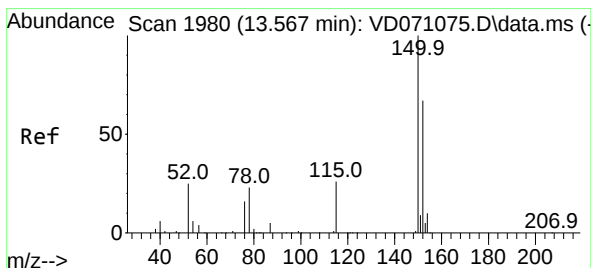
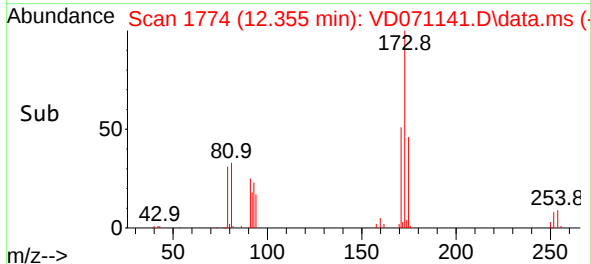
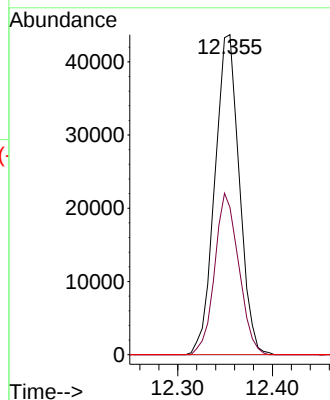
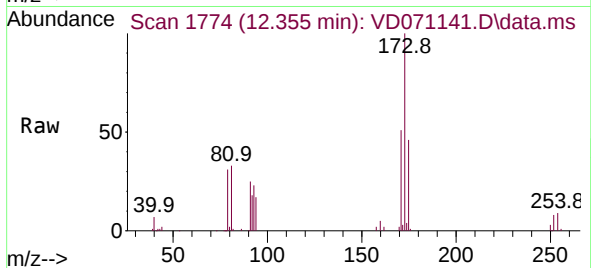
Acq: 04 Dec 2021 13:23

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	78681
Ion Ratio	Lower	Upper
173	100	
175	49.6	24.1 72.2
254	0.0	0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

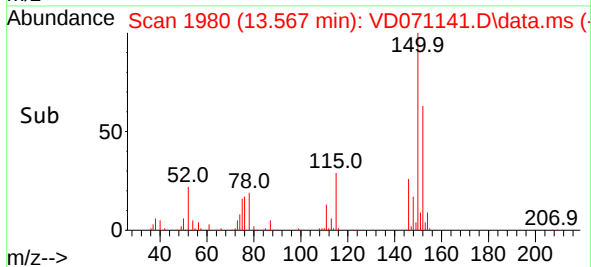
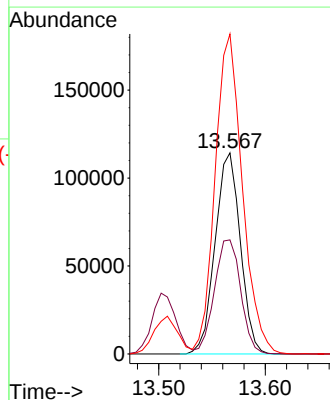
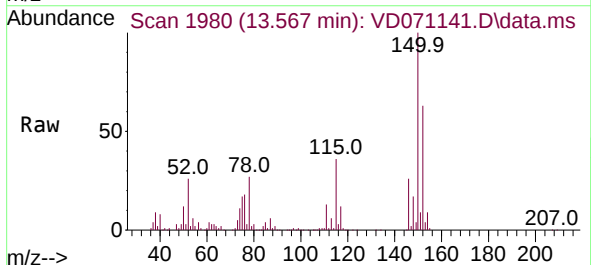
RT: 13.567 min Scan# 1980

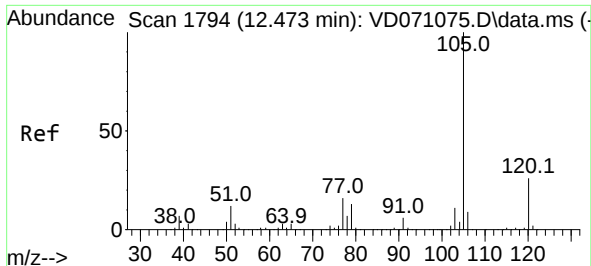
Delta R.T. -0.000 min

Lab File: VD071141.D

Acq: 04 Dec 2021 13:23

Tgt Ion:152	Resp:	187859
Ion Ratio	Lower	Upper
152	100	
115	59.3	29.8 89.3
150	172.1	0.0 349.2

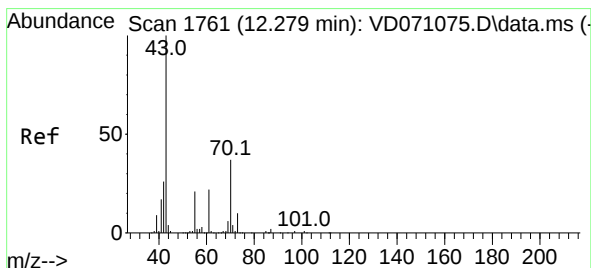
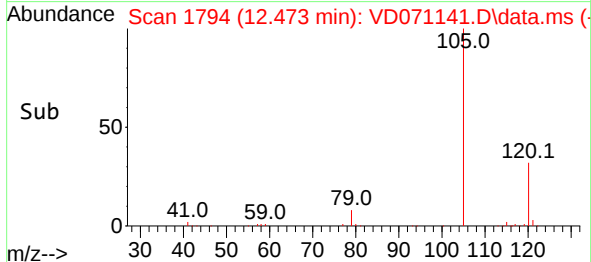
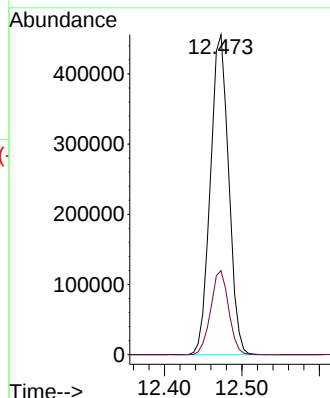
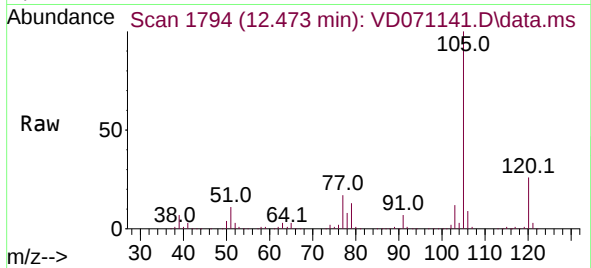




#73
Isopropylbenzene
Concen: 54.949 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

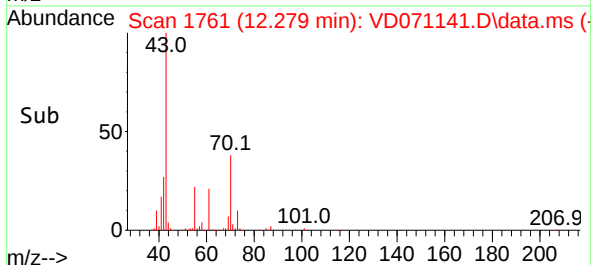
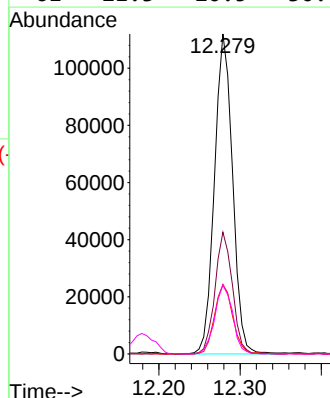
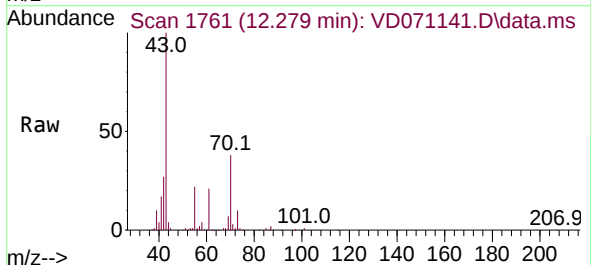
Instrument :
MSVOA_D
ClientSampleId :

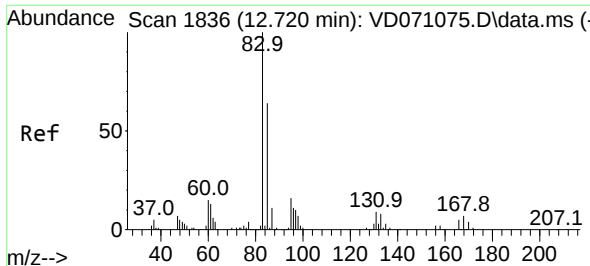
Tgt Ion:105 Resp: 747447
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5



#74
N-ethyl acetate
Concen: 47.073 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 43 Resp: 173906
Ion Ratio Lower Upper
43 100
70 36.5 36.6 55.0#
55 22.0 22.5 33.7#
61 21.3 20.5 30.7

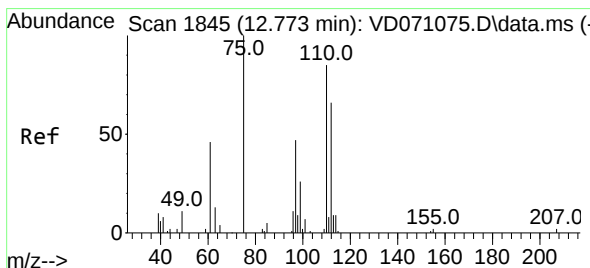
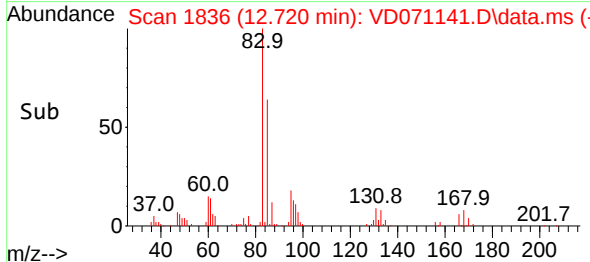
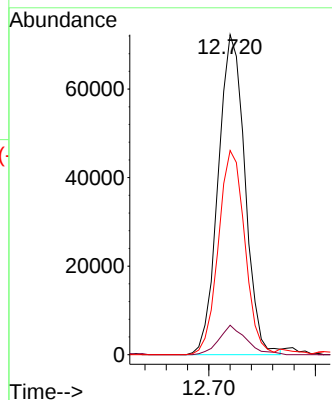
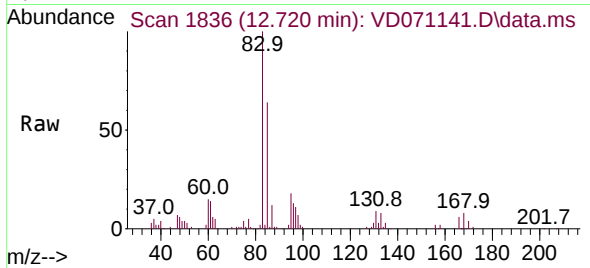




#75
 1,1,2,2-Tetrachloroethane
 Concen: 56.319 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

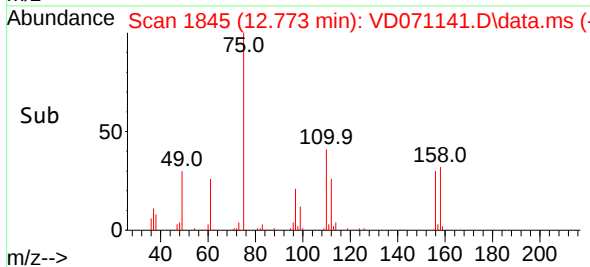
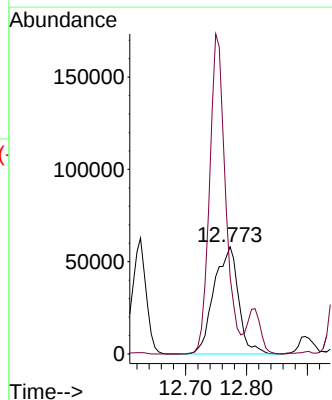
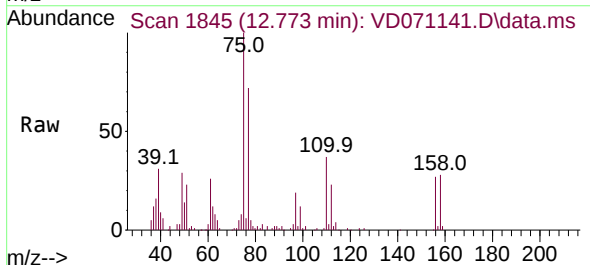
Instrument :
 MSVOA_D
 ClientSampleId :

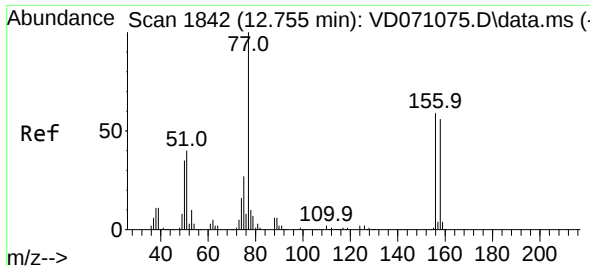
Tgt Ion: 83 Resp: 126157
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.9 14.7
 85 62.9 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 90.519 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

Tgt Ion: 75 Resp: 162015
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#

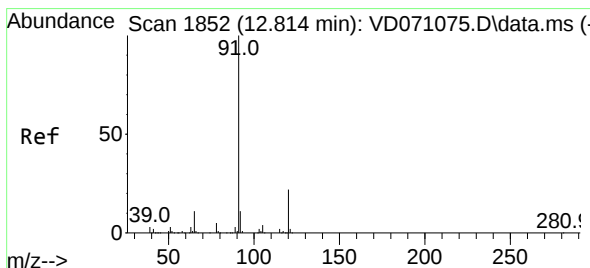
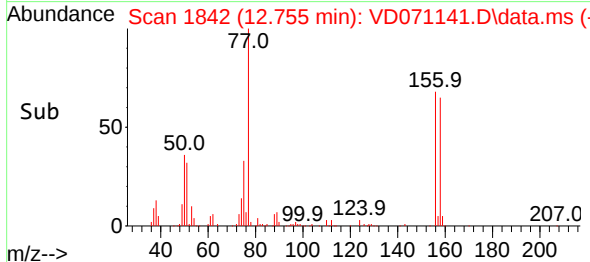
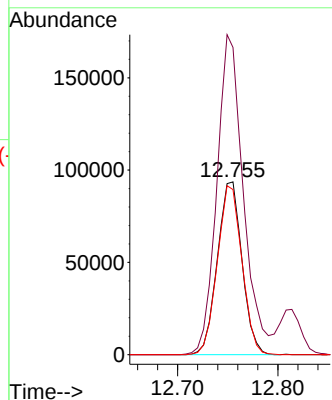
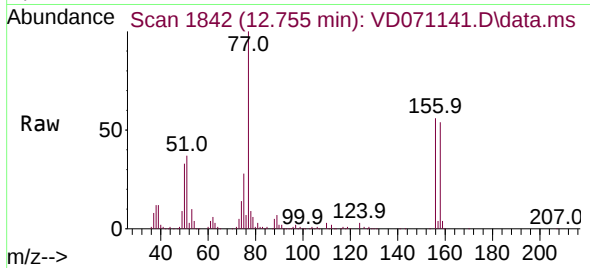




#77
Bromobenzene
Concen: 54.113 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

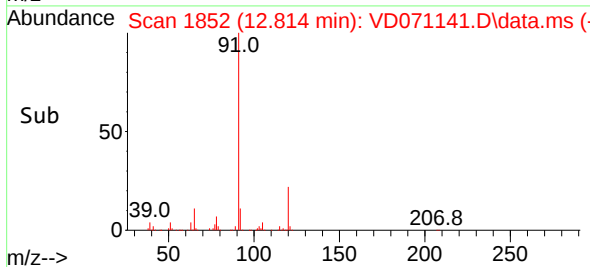
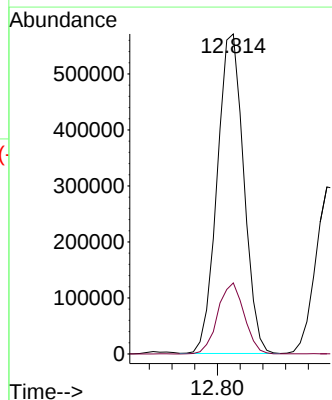
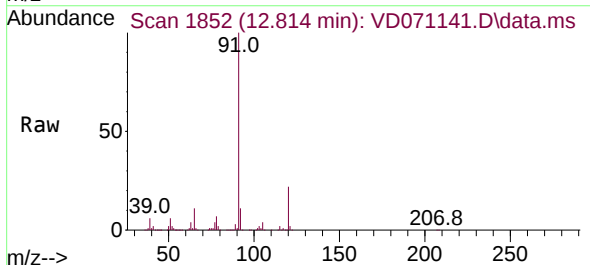
Instrument :
MSVOA_D
ClientSampleId :

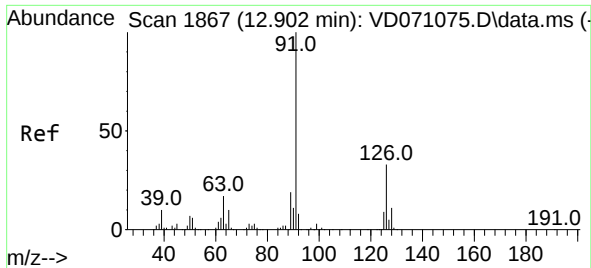
Tgt Ion:156 Resp: 159432
Ion Ratio Lower Upper
156 100
77 198.3 96.6 289.8
158 97.6 49.1 147.4



#78
n-propylbenzene
Concen: 54.804 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 91 Resp: 928366
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

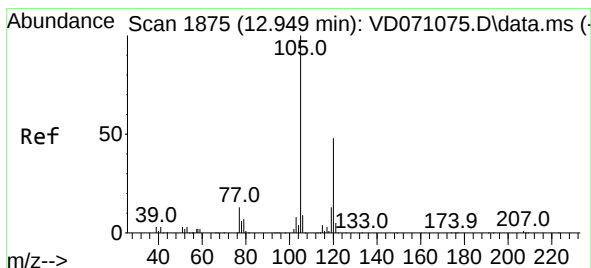
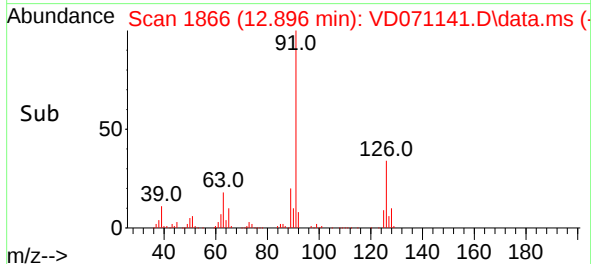
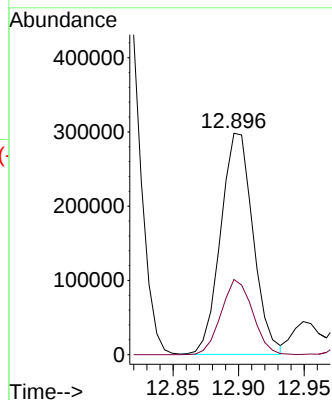
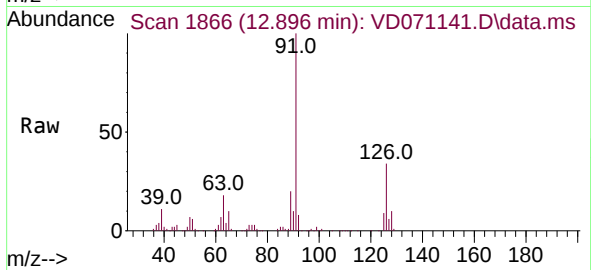




#79
2-Chlorotoluene
Concen: 53.981 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

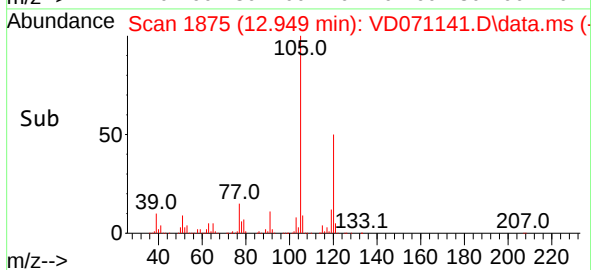
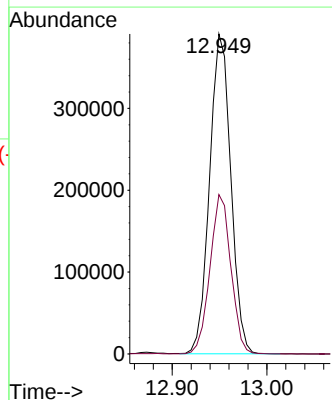
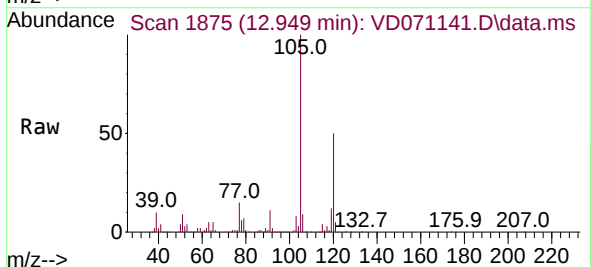
Instrument :
MSVOA_D
ClientSampleId :

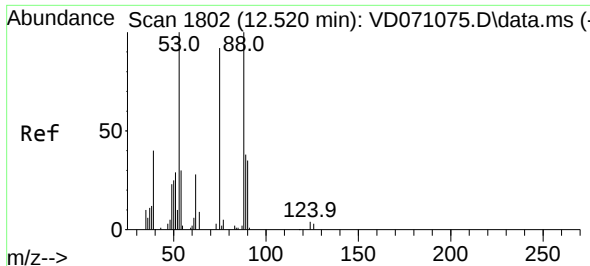
Tgt Ion: 91 Resp: 513226
Ion Ratio Lower Upper
91 100
126 32.9 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 54.397 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 105 Resp: 610168
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.8

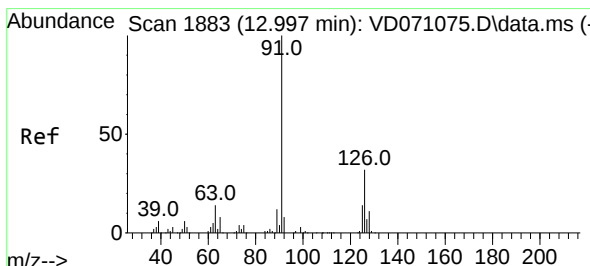
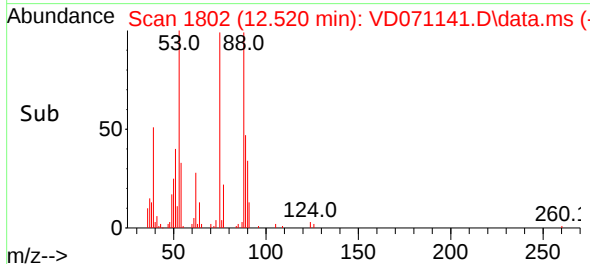
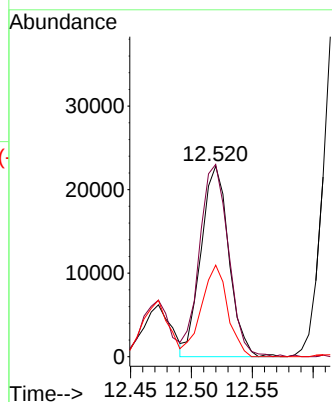
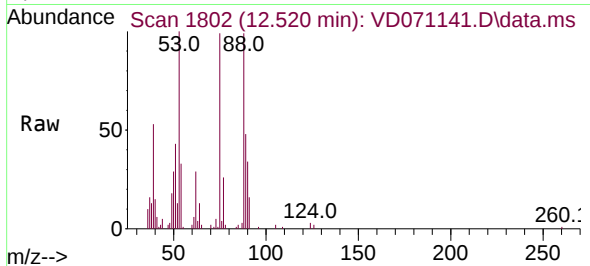




#81
trans-1,4-Dichloro-2-butene
Concen: 47.681 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

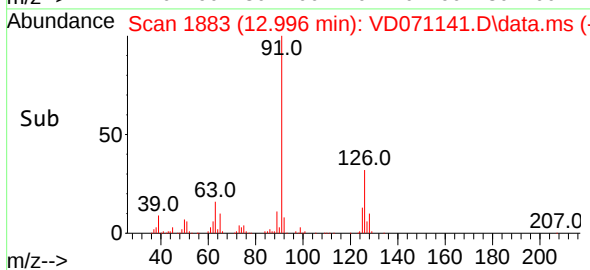
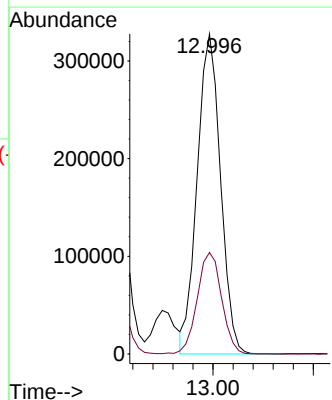
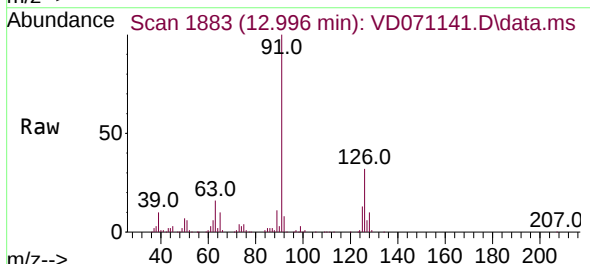
Instrument :
MSVOA_D
ClientSampleId :

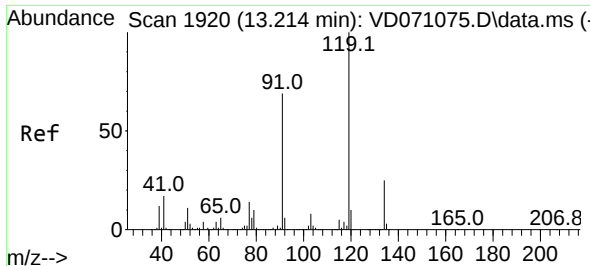
Tgt Ion: 75 Resp: 36256
Ion Ratio Lower Upper
75 100
53 104.8 62.6 94.0#
89 45.4 34.5 51.7



#82
4-Chlorotoluene
Concen: 53.673 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion: 91 Resp: 529769
Ion Ratio Lower Upper
91 100
126 33.2 16.4 49.1

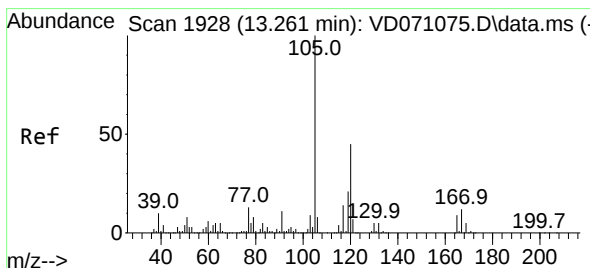
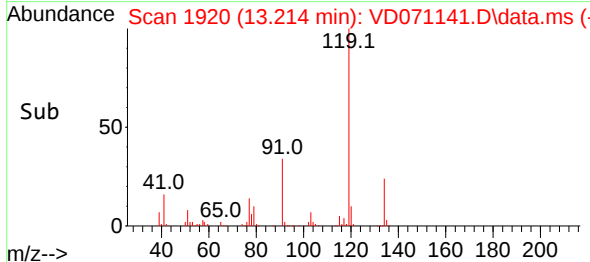
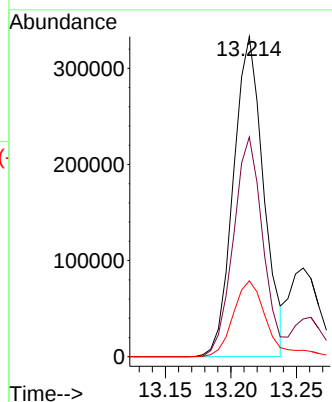
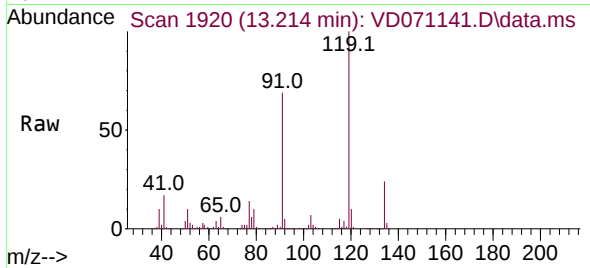




#83
tert-Butylbenzene
Concen: 55.423 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

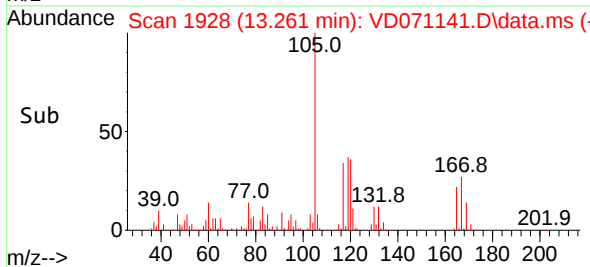
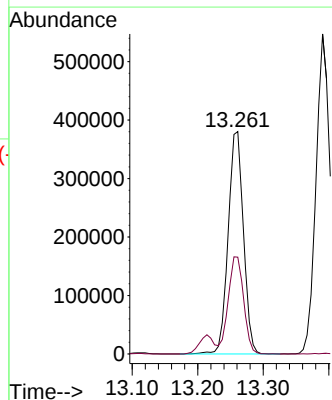
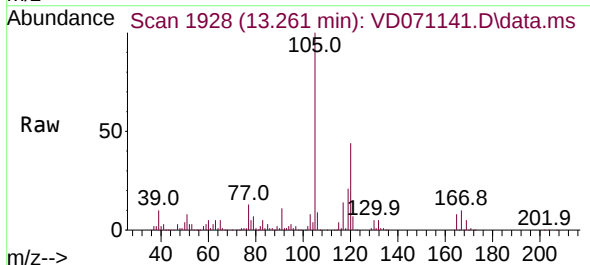
Instrument :
MSVOA_D
ClientSampleId :

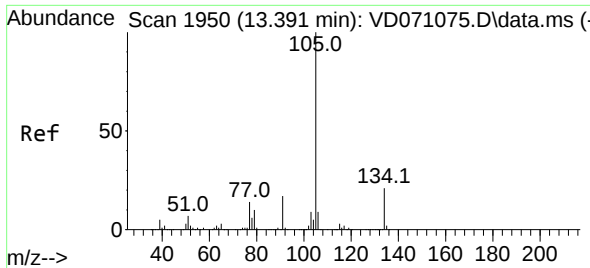
Tgt Ion:119 Resp: 533890
Ion Ratio Lower Upper
119 100
91 68.0 32.5 97.5
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 56.158 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion:105 Resp: 614991
Ion Ratio Lower Upper
105 100
120 43.9 22.9 68.7

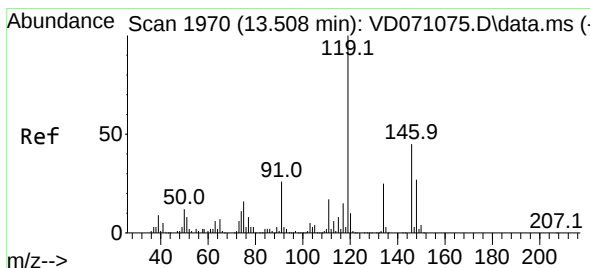
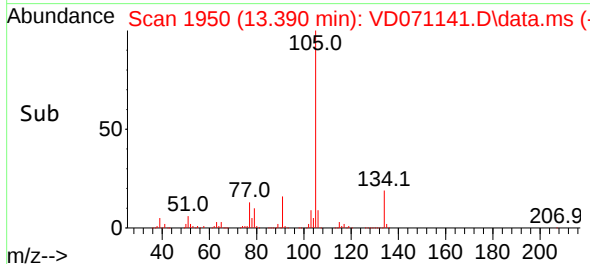
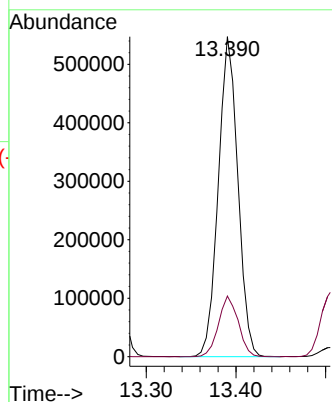
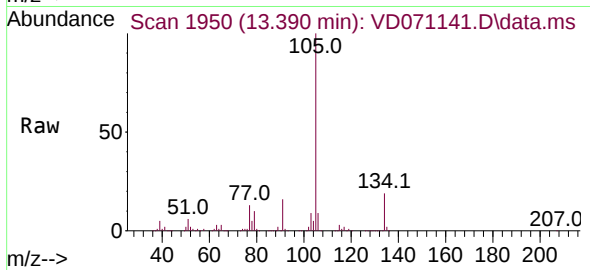




#85
 sec-Butylbenzene
 Concen: 56.250 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

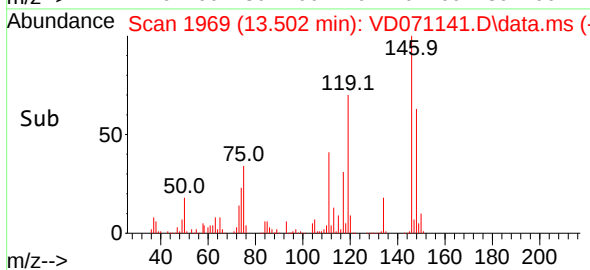
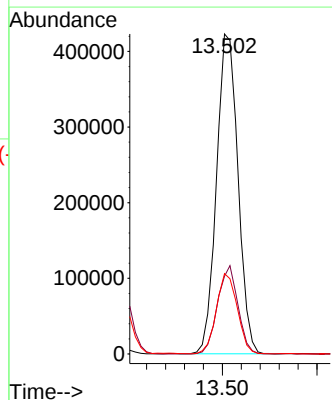
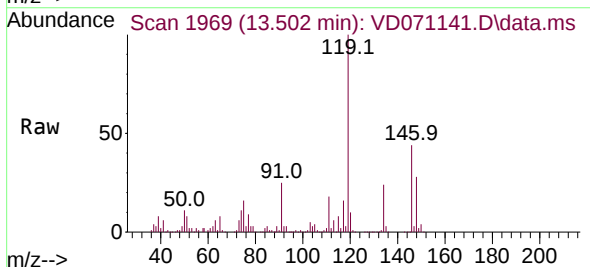
Instrument :
 MSVOA_D
 ClientSampleId :

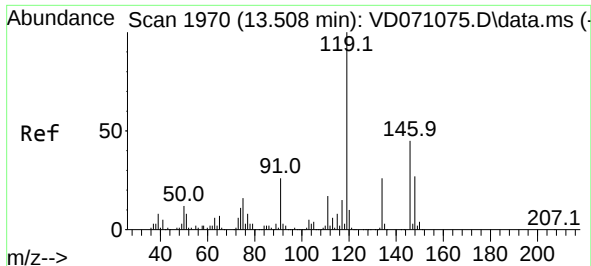
Tgt Ion:105 Resp: 827609
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 55.400 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

Tgt Ion:119 Resp: 666675
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 38.9
 91 24.5 11.4 34.2

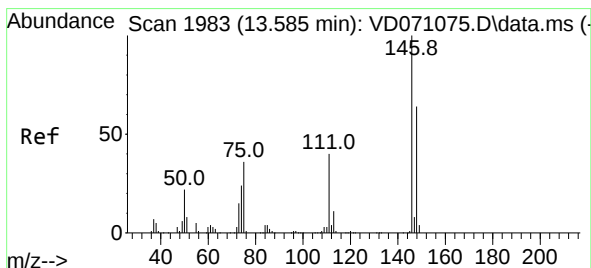
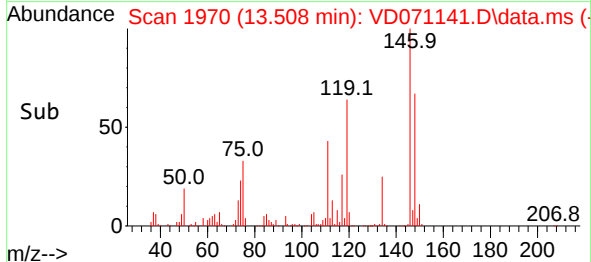
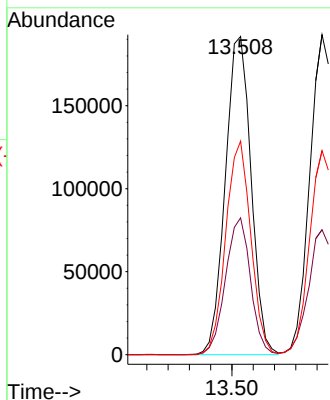
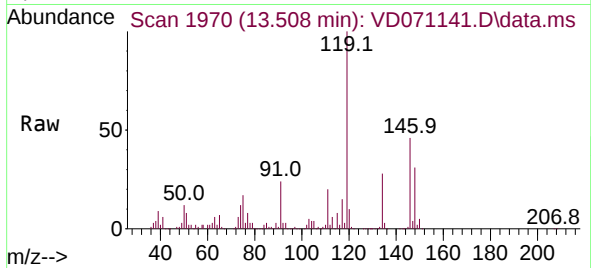




#87
1,3-Dichlorobenzene
Concen: 54.911 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

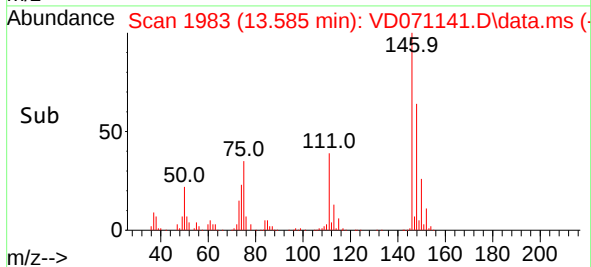
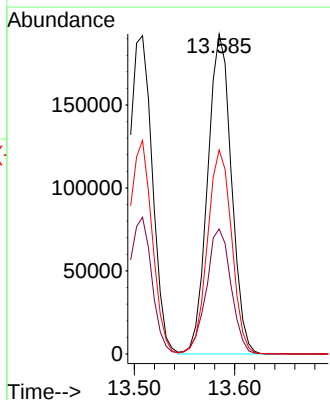
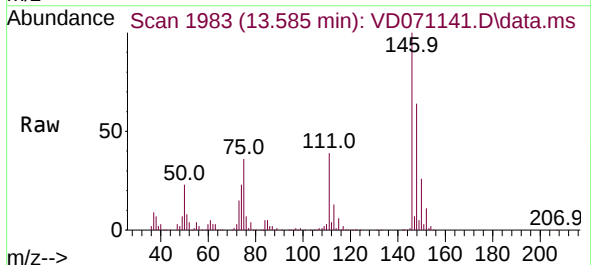
Instrument :
MSVOA_D
ClientSampleId :

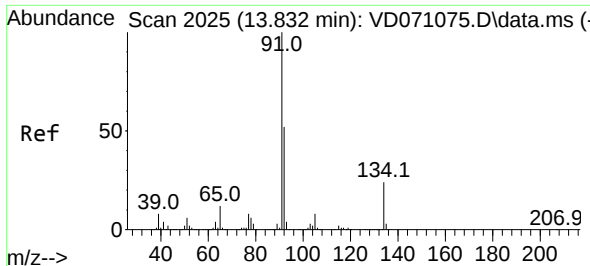
Tgt Ion:146 Resp: 322056
Ion Ratio Lower Upper
146 100
111 41.8 19.8 59.4
148 65.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 54.743 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

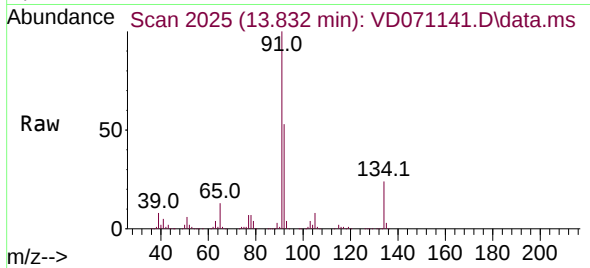
Tgt Ion:146 Resp: 318097
Ion Ratio Lower Upper
146 100
111 40.7 19.6 58.8
148 64.8 31.5 94.5



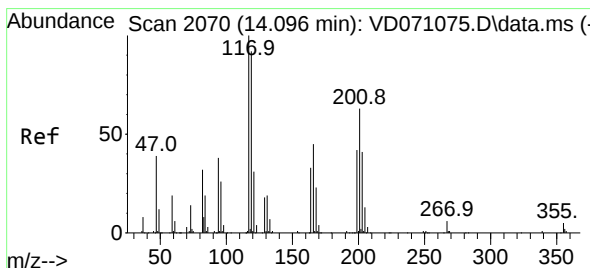
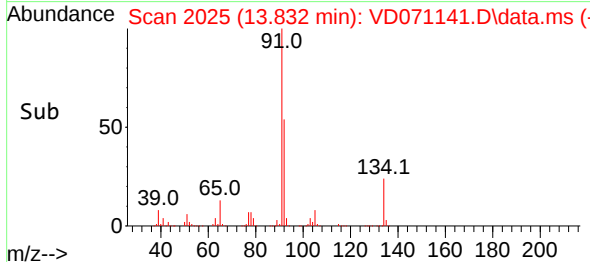
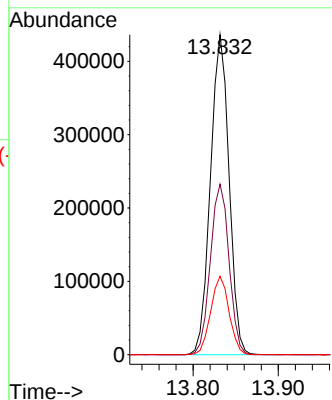


#89
n-Butylbenzene
Concen: 56.254 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :

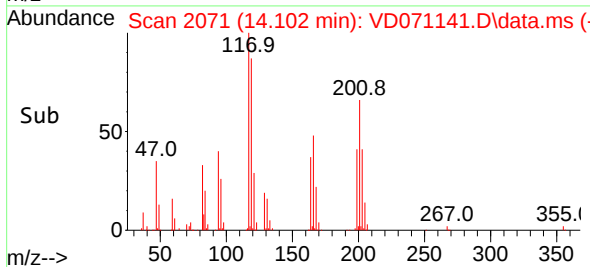
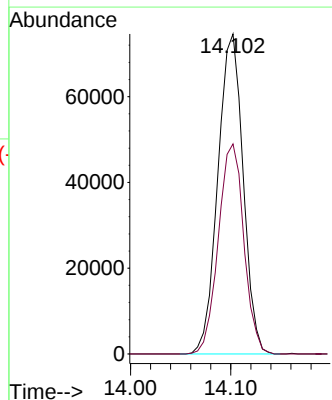
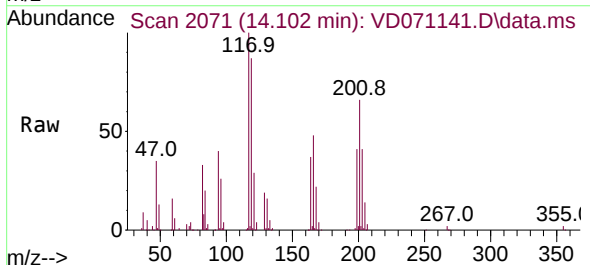


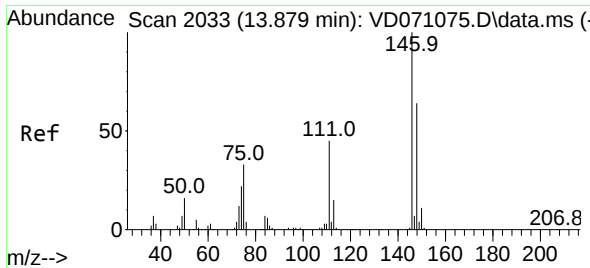
Tgt Ion: 91 Resp: 660825
Ion Ratio Lower Upper
91 100
92 53.5 27.3 81.9
134 24.3 12.3 36.9



#90
Hexachloroethane
Concen: 57.146 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

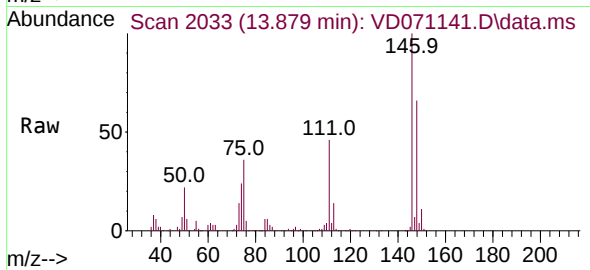
Tgt Ion: 117 Resp: 130362
Ion Ratio Lower Upper
117 100
201 66.2 36.0 108.1



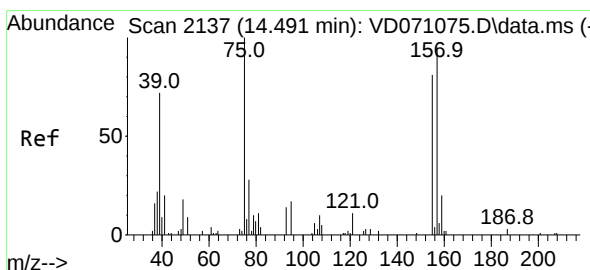
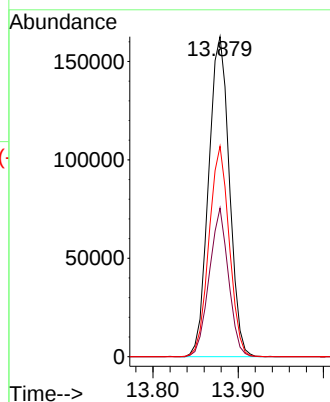
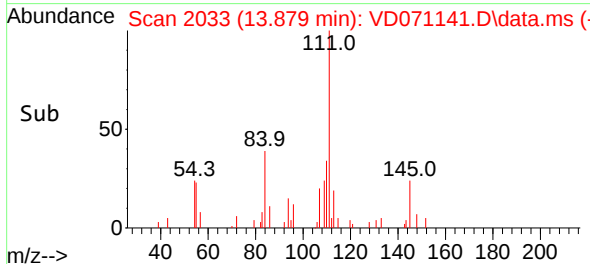


#91
1,2-Dichlorobenzene
Concen: 55.065 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

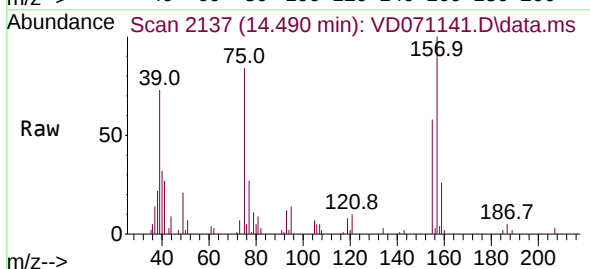
Instrument :
MSVOA_D
ClientSampleId :



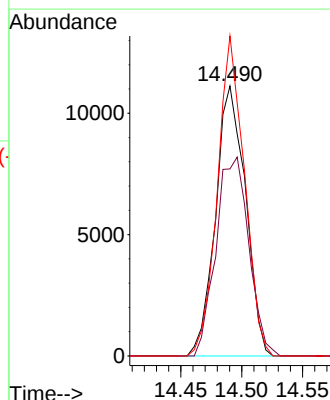
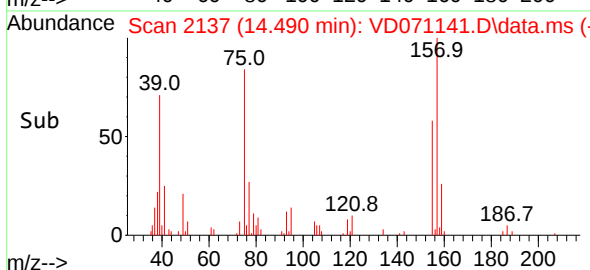
Tgt Ion:146 Resp: 274648
Ion Ratio Lower Upper
146 100
111 43.1 20.8 62.2
148 64.2 31.7 95.1

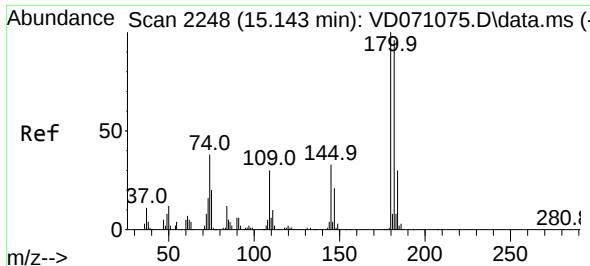


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.988 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23



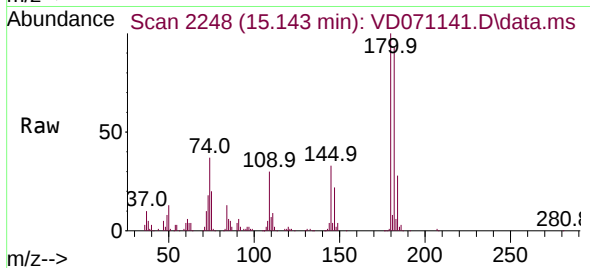
Tgt Ion: 75 Resp: 18965
Ion Ratio Lower Upper
75 100
155 81.0 40.0 120.0
157 107.2 49.8 149.3



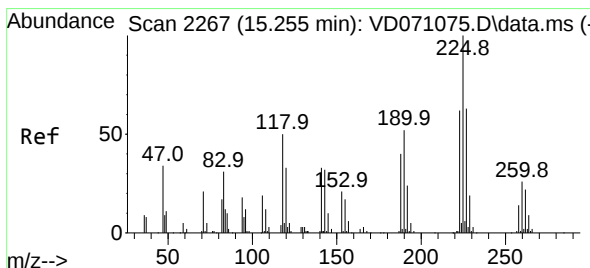
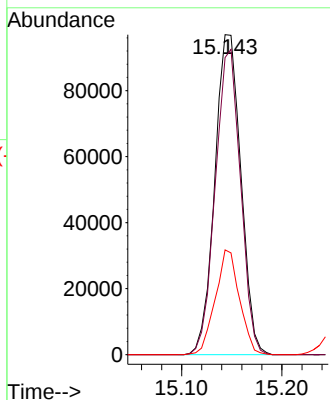
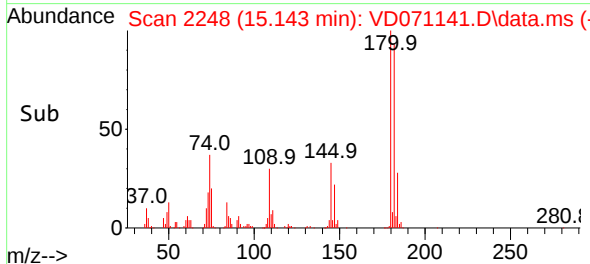


#93
 1,2,4-Trichlorobenzene
 Concen: 56.336 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23

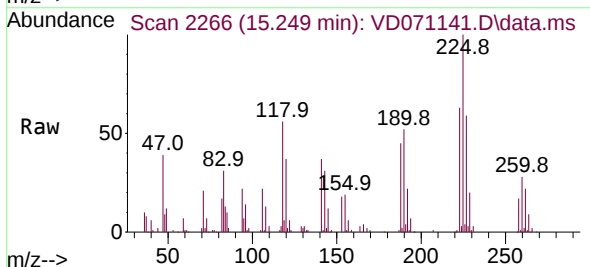
Instrument :
 MSVOA_D
 ClientSampleId :



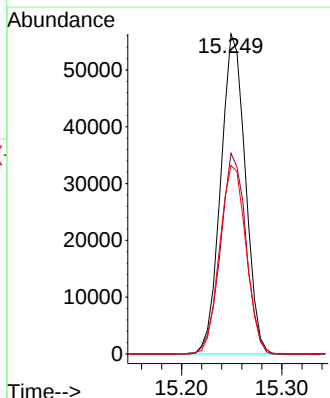
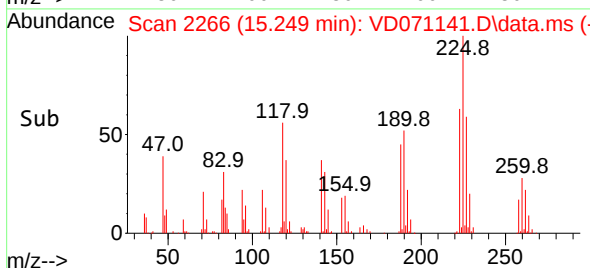
Tgt Ion:180 Resp: 175271
 Ion Ratio Lower Upper
 180 100
 182 92.1 48.2 144.6
 145 30.4 15.4 46.2

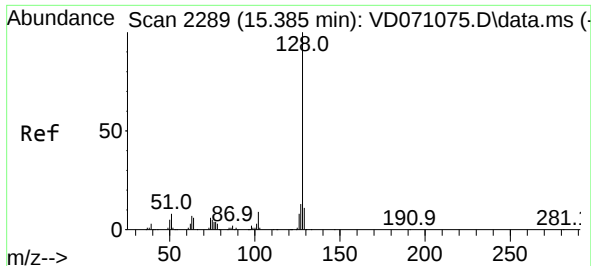


#94
 Hexachlorobutadiene
 Concen: 54.526 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. -0.006 min
 Lab File: VD071141.D
 Acq: 04 Dec 2021 13:23



Tgt Ion:225 Resp: 95982
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.8 95.3
 227 63.3 31.6 94.8

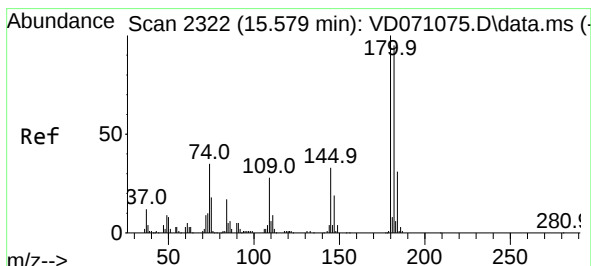
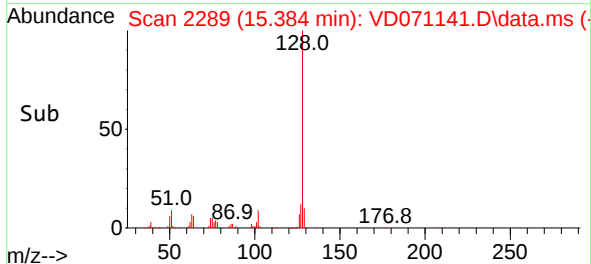
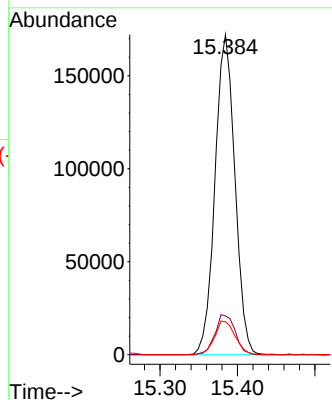
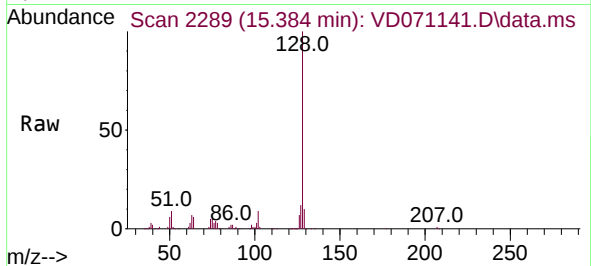




#95
Naphthalene
Concen: 56.058 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 307448
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.765 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071141.D
Acq: 04 Dec 2021 13:23

Tgt Ion:180 Resp: 147355
Ion Ratio Lower Upper
180 100
182 97.4 46.7 140.1
145 32.9 15.9 47.6

