

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122221\
 Data File : VD071433.D
 Acq On : 22 Dec 2021 22:08
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122221

Quant Time: Dec 23 15:51:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	669573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1191284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1114434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	531147	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	240193	27.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	54.020%
35) Dibromofluoromethane	7.909	113	200228	25.009	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	50.020%#
50) Toluene-d8	10.332	98	770794	25.476	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	50.960%
62) 4-Bromofluorobenzene	12.626	95	266108	24.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	49.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	168661	24.039	ug/l	99
3) Chloromethane	2.209	50	239069	26.611	ug/l	99
4) Vinyl Chloride	2.350	62	266931	24.794	ug/l	99
5) Bromomethane	2.762	94	191491	25.425	ug/l	99
6) Chloroethane	2.921	64	179094	25.066	ug/l	93
7) Trichlorofluoromethane	3.274	101	330206	25.054	ug/l	98
8) Diethyl Ether	3.709	74	99991	26.501	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	188819	24.625	ug/l	96
10) Methyl Iodide	4.303	142	187357	25.126	ug/l	95
11) Tert butyl alcohol	5.226	59	80232	91.718	ug/l #	92
12) 1,1-Dichloroethene	4.068	96	179112	25.676	ug/l	85
13) Acrolein	3.921	56	54984	127.999	ug/l	99
14) Allyl chloride	4.715	41	349856	26.515	ug/l #	80
15) Acrylonitrile	5.415	53	256603	138.097	ug/l	95
16) Acetone	4.156	43	306116	137.050	ug/l #	86
17) Carbon Disulfide	4.409	76	571991	25.166	ug/l	97
18) Methyl Acetate	4.709	43	196838	28.552	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	484986	26.932	ug/l	99
20) Methylene Chloride	4.962	84	234266	24.232	ug/l	92
21) trans-1,2-Dichloroethene	5.473	96	203679	25.208	ug/l	84
22) Diisopropyl ether	6.368	45	726032	27.030	ug/l	93
23) Vinyl Acetate	6.303	43	1939790	140.088	ug/l	97
24) 1,1-Dichloroethane	6.262	63	403518	26.205	ug/l	98
25) 2-Butanone	7.209	43	368003	137.935	ug/l	92
26) 2,2-Dichloropropane	7.203	77	315349	24.924	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	239042	26.748	ug/l	92
28) Bromochloromethane	7.544	49	163481	25.907	ug/l	89
29) Tetrahydrofuran	7.556	42	224168	139.942	ug/l	93
30) Chloroform	7.709	83	410495	26.420	ug/l	95
31) Cyclohexane	7.979	56	367907	24.355	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	353528	25.655	ug/l	95
36) 1,1-Dichloropropene	8.109	75	305154	23.856	ug/l	97
37) Ethyl Acetate	7.291	43	150906	25.554	ug/l #	92
38) Carbon Tetrachloride	8.091	117	304999	24.168	ug/l	99
39) Methylcyclohexane	9.350	83	363483	24.275	ug/l	98
40) Benzene	8.350	78	857605	24.940	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	77358	22.054	ug/l	88
42) 1,2-Dichloroethane	8.420	62	284961	25.414	ug/l	94
43) Isopropyl Acetate	8.444	43	301746	25.748	ug/l #	89
44) Trichloroethene	9.109	130	222738	24.857	ug/l	97
45) 1,2-Dichloropropane	9.385	63	229846	25.759	ug/l	98
46) Dibromomethane	9.473	93	124828	25.322	ug/l	95
47) Bromodichloromethane	9.656	83	320624	25.618	ug/l	99
48) Methyl methacrylate	9.450	41	154317	26.610	ug/l #	79
49) 1,4-Dioxane	9.456	88	28699	515.184	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	801770	130.040	ug/l	90
52) Toluene	10.397	92	545531	24.974	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	306066	26.188	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	347759	25.750	ug/l #	77
55) 1,1,2-Trichloroethane	10.797	97	166402	26.594	ug/l	94
56) Ethyl methacrylate	10.656	69	220443	26.772	ug/l #	71
57) 1,3-Dichloropropane	10.938	76	292487	25.519	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	521975	132.338	ug/l	100
59) 2-Hexanone	10.979	43	571310	131.090	ug/l	89
60) Dibromochloromethane	11.132	129	204581	26.009	ug/l	99
61) 1,2-Dibromoethane	11.238	107	160714	25.932	ug/l	98
64) Tetrachloroethene	10.873	164	181854	23.482	ug/l	95
65) Chlorobenzene	11.661	112	571735	25.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	212266	25.418	ug/l	98
67) Ethyl Benzene	11.738	91	1081760	25.428	ug/l	99
68) m/p-Xylenes	11.844	106	817666	50.589	ug/l	95
69) o-Xylene	12.173	106	386080	26.132	ug/l	96
70) Styrene	12.191	104	673905	26.257	ug/l	97
71) Bromoform	12.355	173	121050	26.787	ug/l #	99
73) Isopropylbenzene	12.473	105	1021154	24.937	ug/l	98
74) N-amyl acetate	12.279	43	284701	25.914	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	191878	25.918	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	257716	40.836	ug/l #	1
77) Bromobenzene	12.750	156	225467	24.744	ug/l	95
78) n-propylbenzene	12.808	91	1284418	25.024	ug/l	100
79) 2-Chlorotoluene	12.897	91	721991	25.170	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	854158	25.289	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	56778	25.420	ug/l #	75
82) 4-Chlorotoluene	12.997	91	748929	25.171	ug/l	100
83) tert-Butylbenzene	13.214	119	725515	25.138	ug/l	94
84) 1,2,4-Trimethylbenzene	13.255	105	865366	25.887	ug/l	96
85) sec-Butylbenzene	13.391	105	1093445	24.851	ug/l	100
86) p-Isopropyltoluene	13.502	119	922208	25.260	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	457510	24.931	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	456759	25.384	ug/l	98
89) n-Butylbenzene	13.832	91	891999	24.893	ug/l	98
90) Hexachloroethane	14.097	117	176038	25.454	ug/l	91
91) 1,2-Dichlorobenzene	13.879	146	394725	25.345	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	33517	26.106	ug/l	95
93) 1,2,4-Trichlorobenzene	15.144	180	239278	25.212	ug/l	98
94) Hexachlorobutadiene	15.249	225	122315	24.058	ug/l	99
95) Naphthalene	15.385	128	468374	25.927	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	207859	25.321	ug/l	97

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ClientSampleId :
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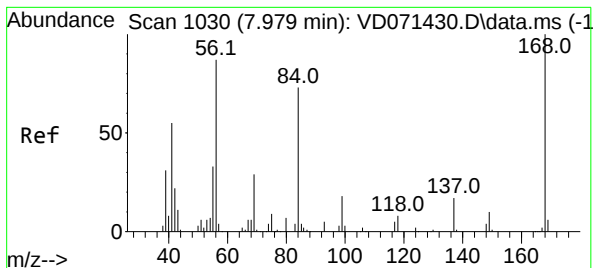
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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

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

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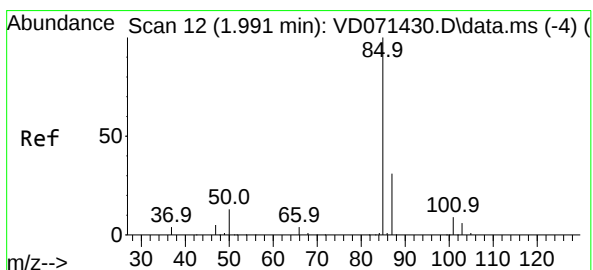
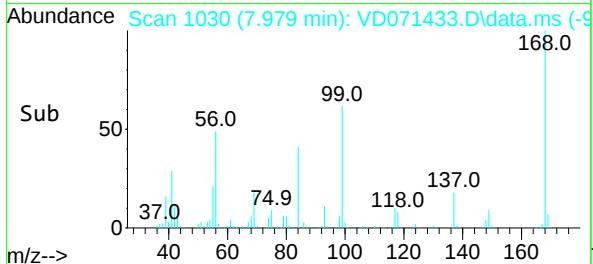
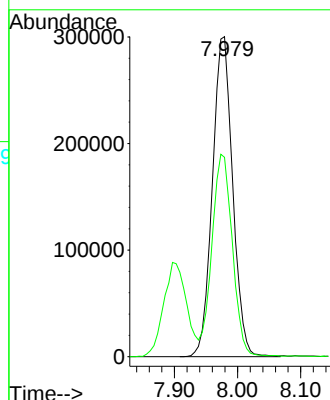
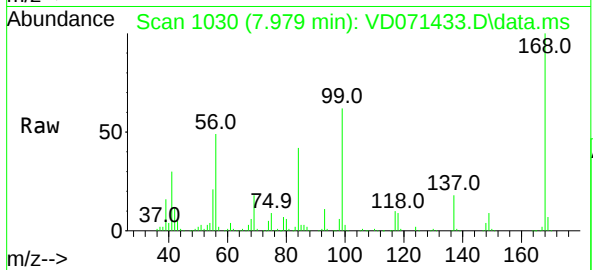




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

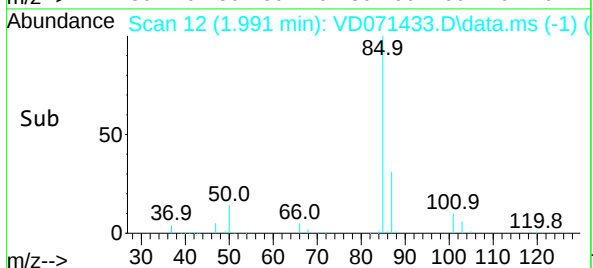
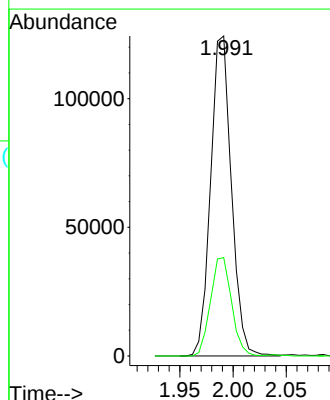
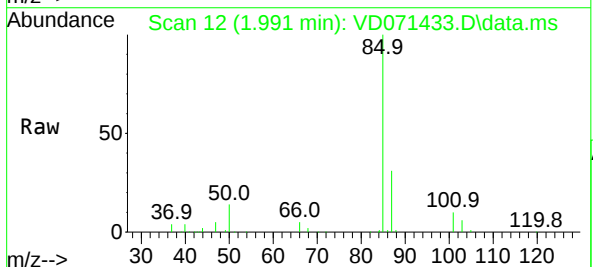
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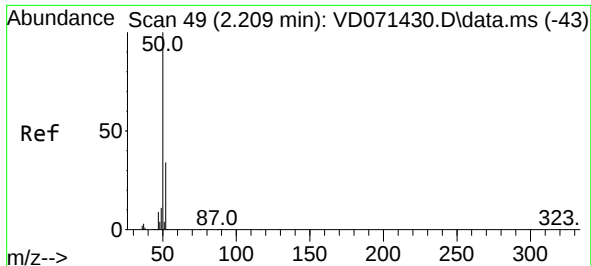
Tgt Ion:168 Resp: 669573
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 24.039 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 85 Resp: 168661
Ion Ratio Lower Upper
85 100
87 30.8 15.2 45.6

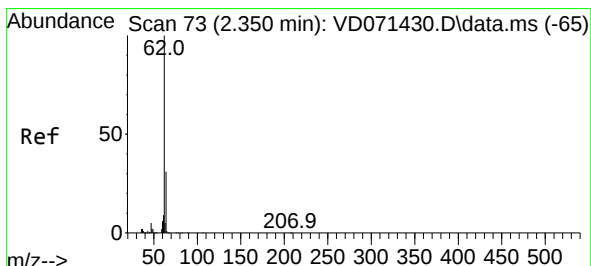
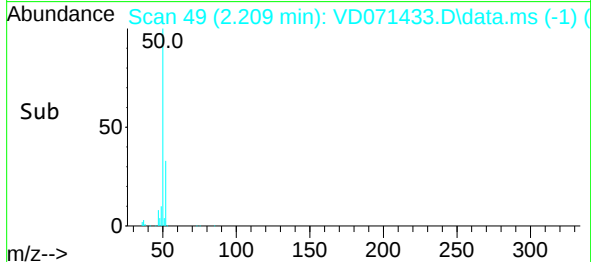
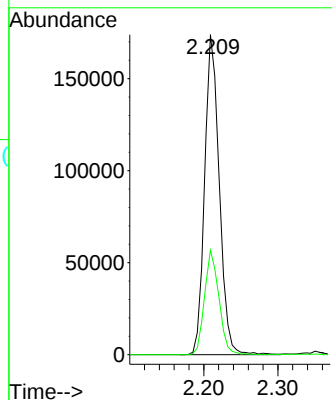
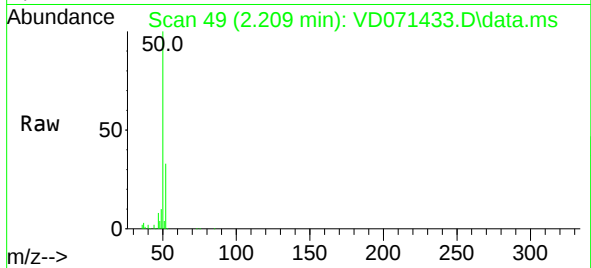




#3
Chloromethane
Concen: 26.611 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

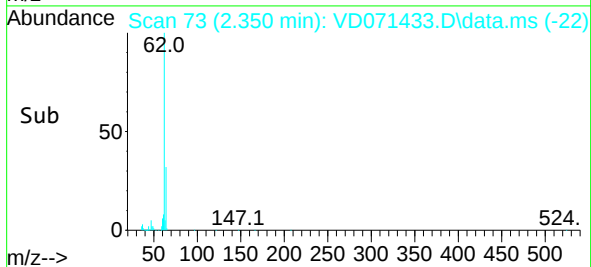
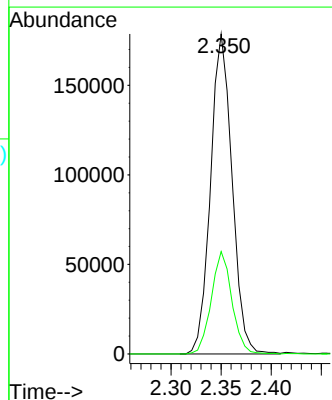
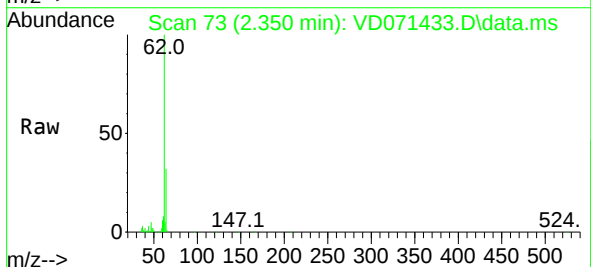
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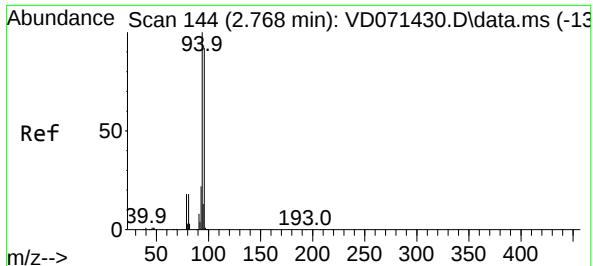
Tgt Ion: 50 Resp: 239069
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.8



#4
Vinyl Chloride
Concen: 24.794 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 62 Resp: 266931
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

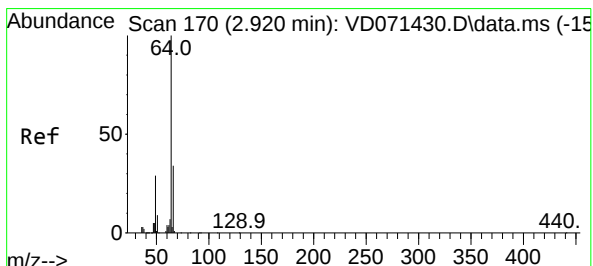
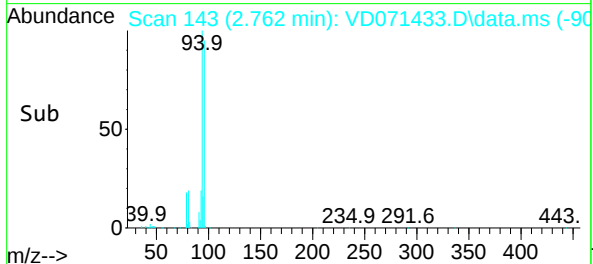
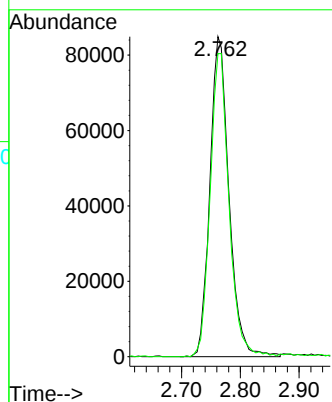
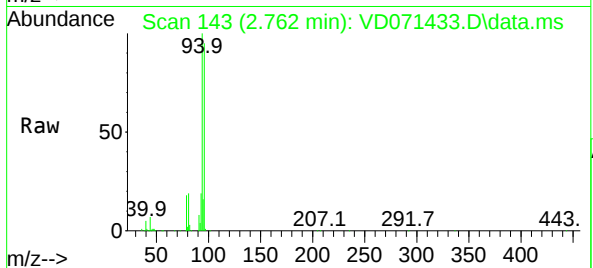




#5
Bromomethane
Concen: 25.425 ug/l
RT: 2.762 min Scan# 144
Delta R.T. 0.012 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

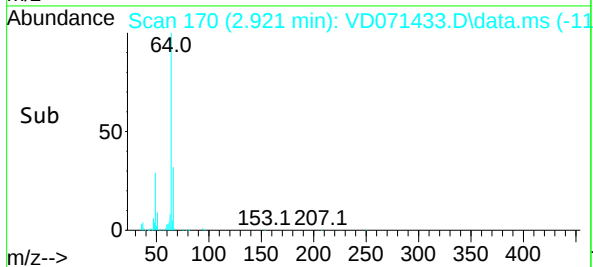
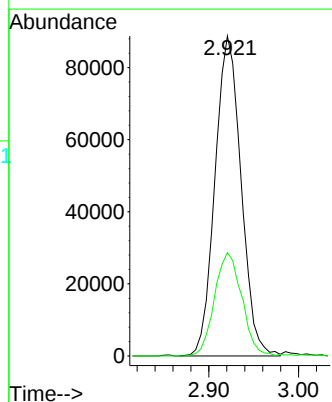
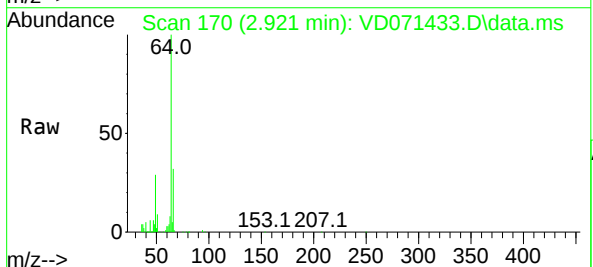
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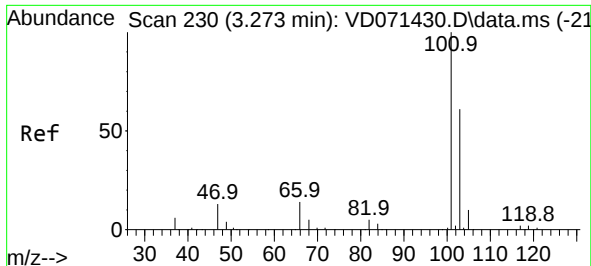
Tgt Ion: 94 Resp: 191491
Ion Ratio Lower Upper
94 100
96 94.7 74.8 112.2



#6
Chloroethane
Concen: 25.066 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 64 Resp: 179094
Ion Ratio Lower Upper
64 100
66 32.3 29.0 43.4

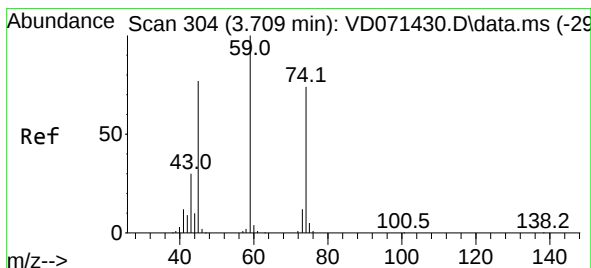
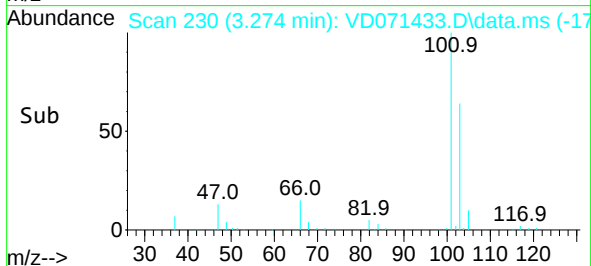
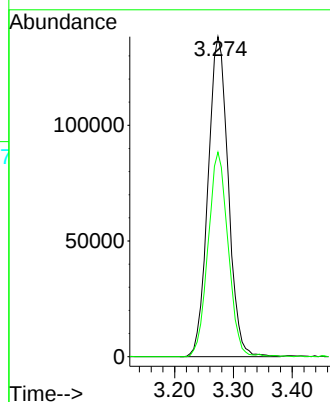
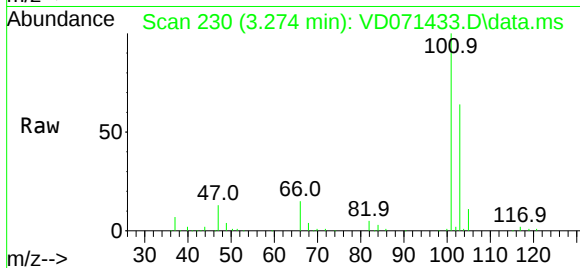




#7
 Trichlorofluoromethane
 Concen: 25.054 ug/l
 RT: 3.274 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VD071433.D
 Acq: 22 Dec 2021 22:08

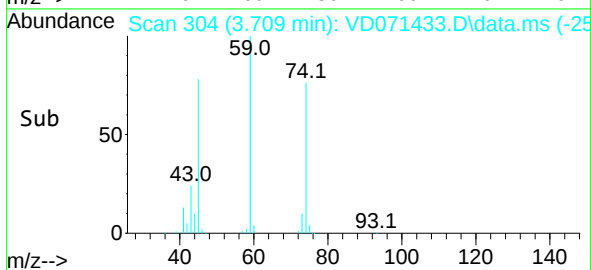
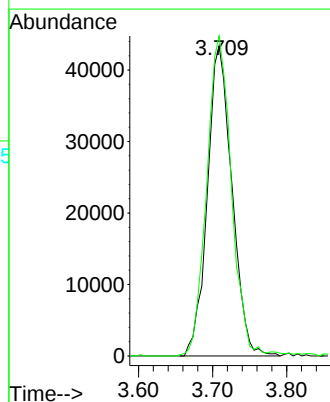
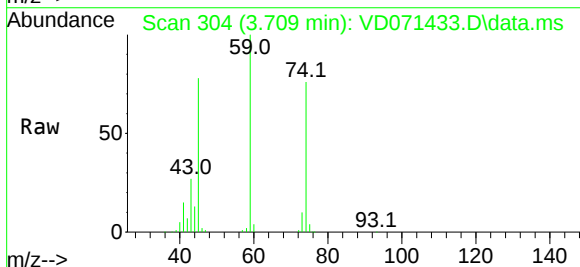
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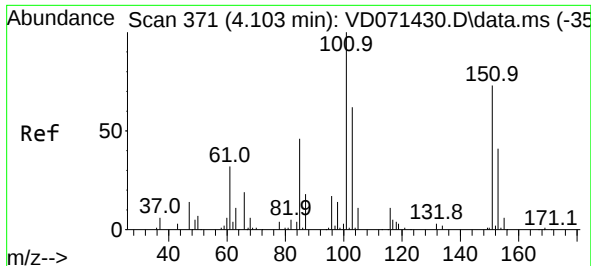
Tgt Ion:101 Resp: 330206
 Ion Ratio Lower Upper
 101 100
 103 63.9 49.7 74.5



#8
 Diethyl Ether
 Concen: 26.501 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD071433.D
 Acq: 22 Dec 2021 22:08

Tgt Ion: 74 Resp: 99991
 Ion Ratio Lower Upper
 74 100
 45 103.7 49.6 149.0

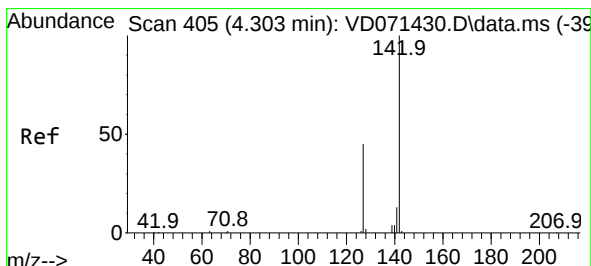
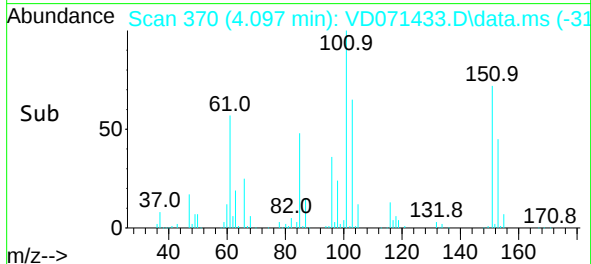
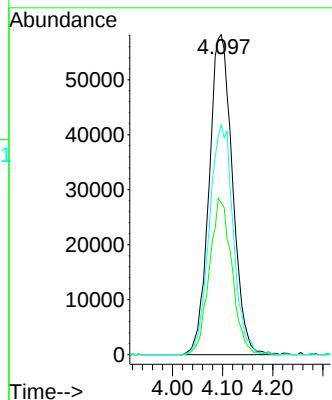
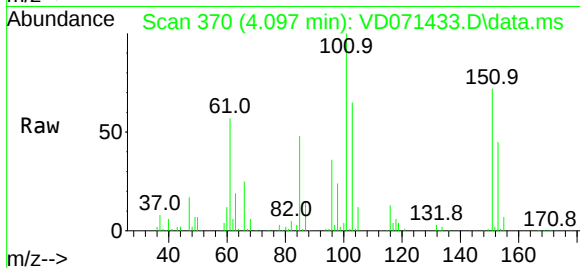




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.625 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

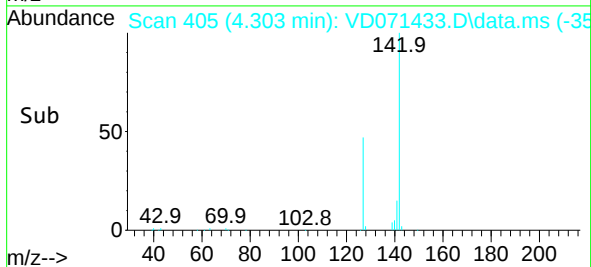
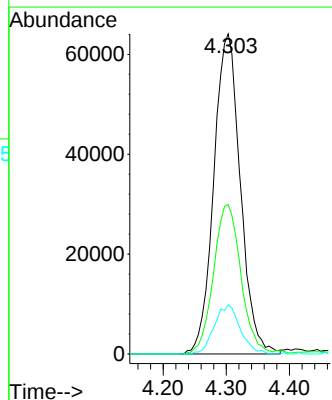
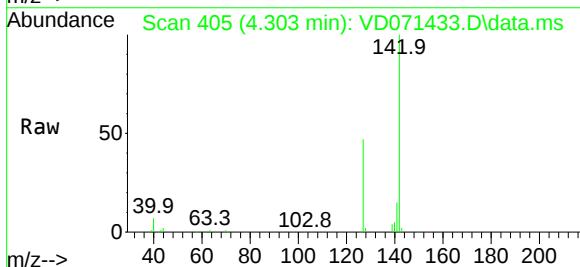
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

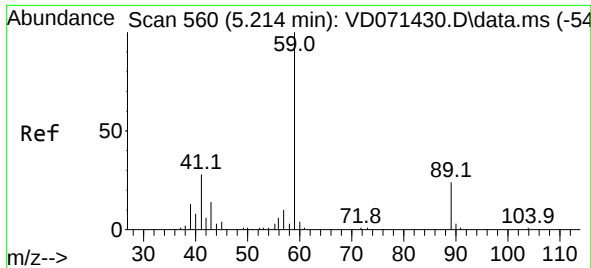
Tgt Ion:101 Resp: 188819
Ion Ratio Lower Upper
101 100
85 47.0 34.8 52.2
151 73.4 60.4 90.6



#10
Methyl Iodide
Concen: 25.126 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion:142 Resp: 187357
Ion Ratio Lower Upper
142 100
127 48.0 35.0 52.4
141 15.0 12.0 18.0

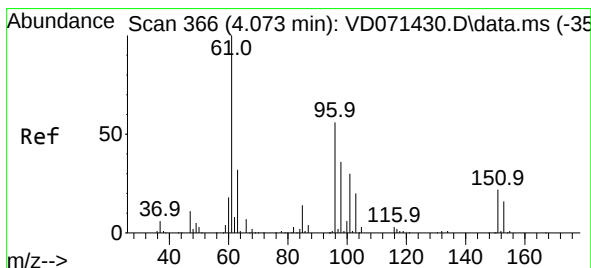
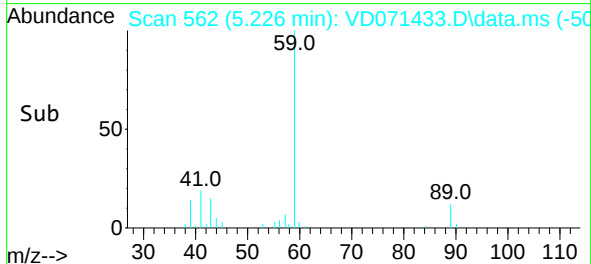
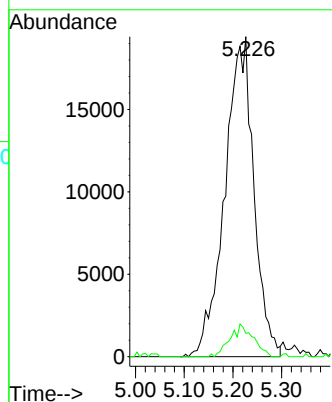
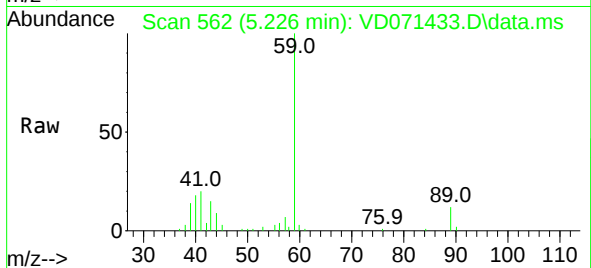




#11
Tert butyl alcohol
Concen: 91.718 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.017 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

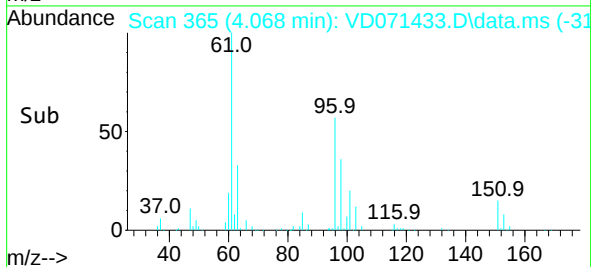
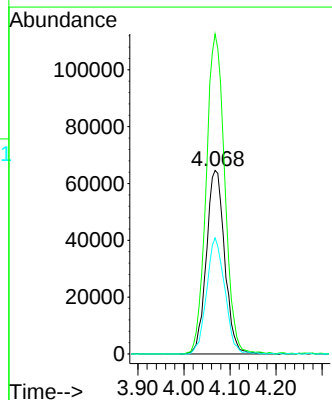
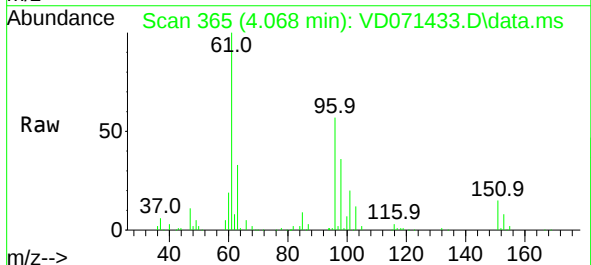
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

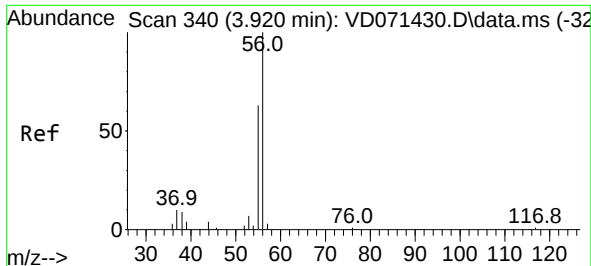
Tgt Ion: 59 Resp: 80232
Ion Ratio Lower Upper
59 100
57 8.1 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 25.676 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 96 Resp: 179112
Ion Ratio Lower Upper
96 100
61 174.4 120.3 180.5
98 63.3 54.4 81.6

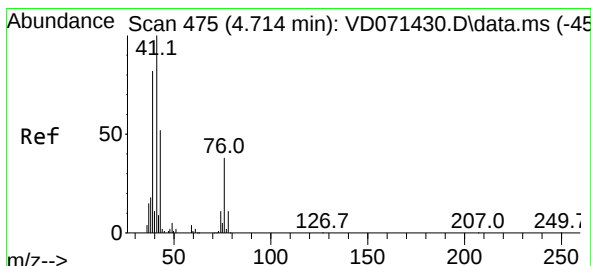
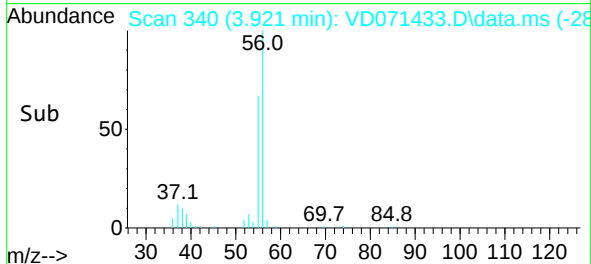
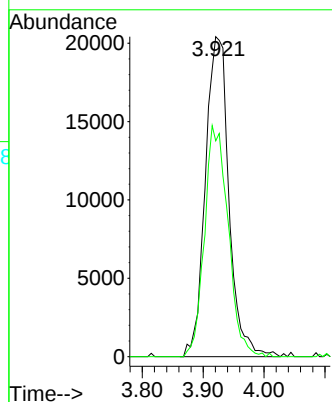
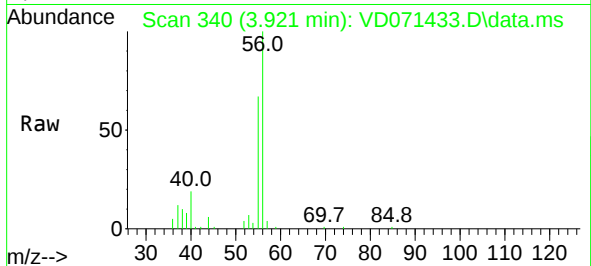




#13
Acrolein
Concen: 127.999 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.007 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

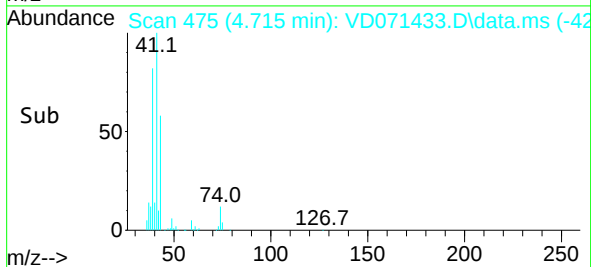
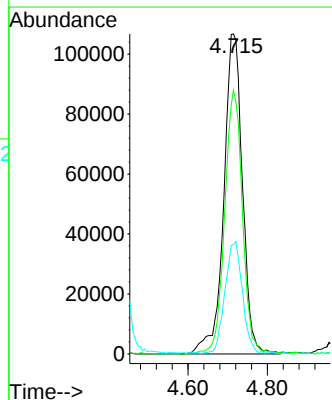
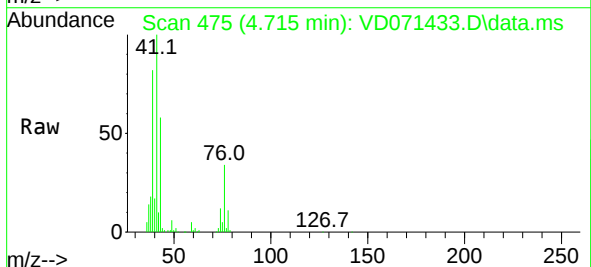
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

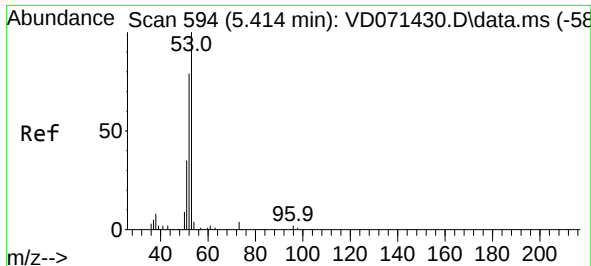
Tgt Ion: 56 Resp: 54984
Ion Ratio Lower Upper
56 100
55 72.5 58.6 87.8



#14
Allyl chloride
Concen: 26.515 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.012 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 41 Resp: 349856
Ion Ratio Lower Upper
41 100
39 77.5 45.6 68.4#
76 32.5 30.2 45.4

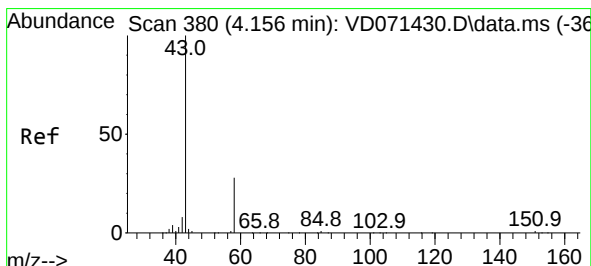
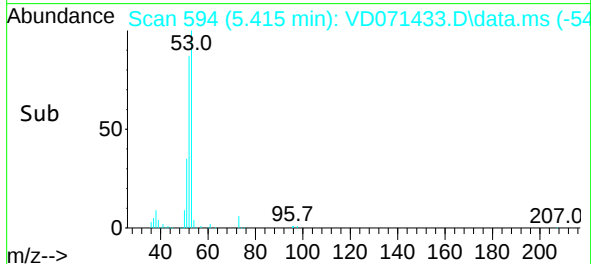
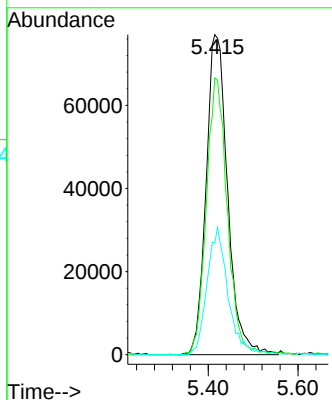
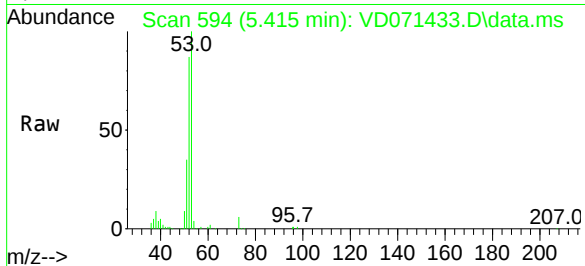




#15
Acrylonitrile
Concen: 138.097 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.005 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

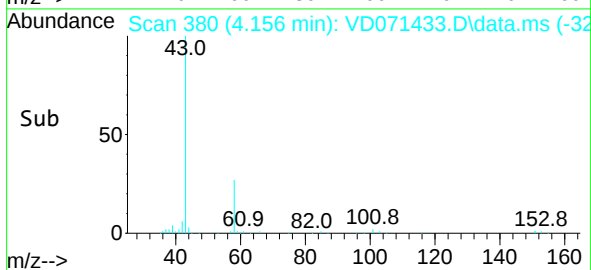
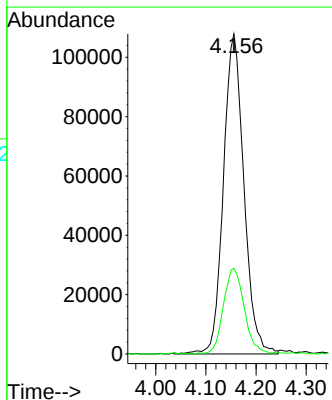
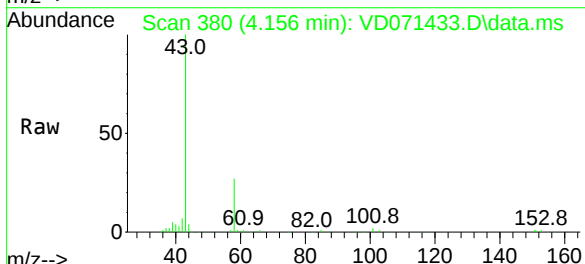
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

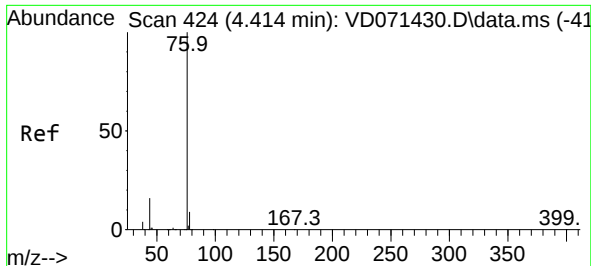
Tgt Ion: 53 Resp: 256603
Ion Ratio Lower Upper
53 100
52 84.0 63.8 95.8
51 38.9 28.5 42.7



#16
Acetone
Concen: 137.050 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 43 Resp: 306116
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#

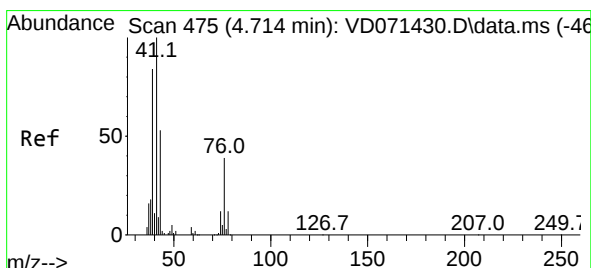
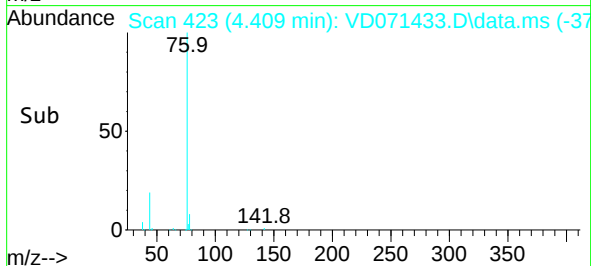
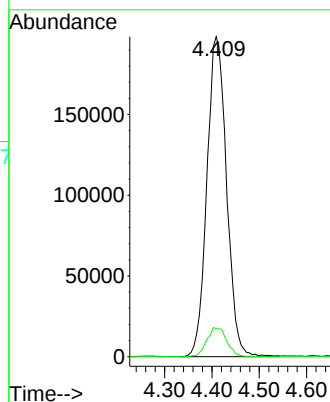
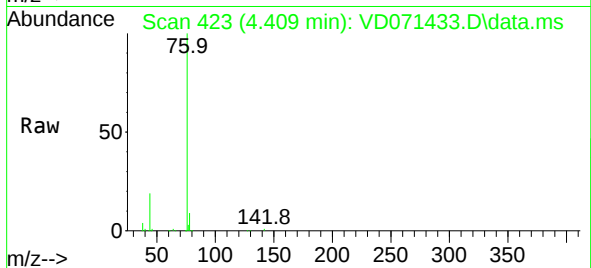




#17
Carbon Disulfide
Concen: 25.166 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

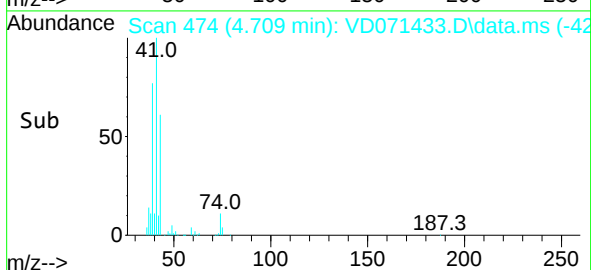
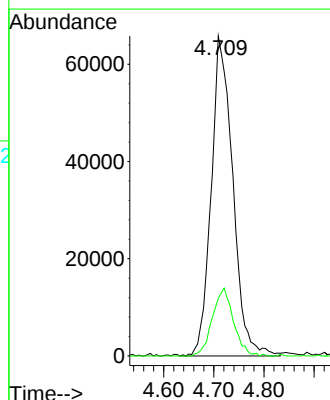
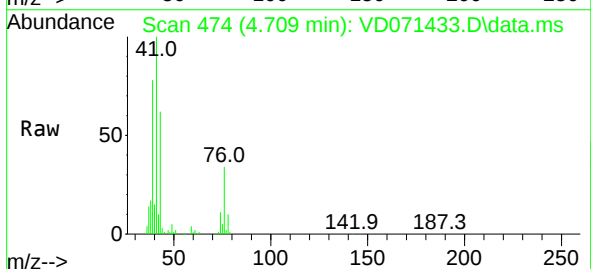
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

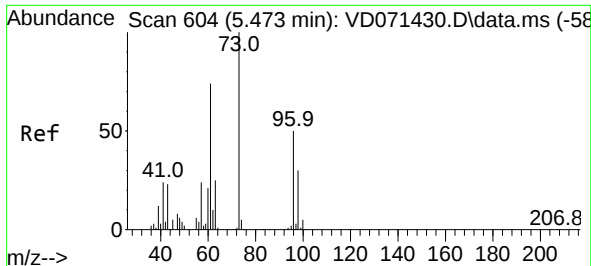
Tgt Ion: 76 Resp: 571991
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8



#18
Methyl Acetate
Concen: 28.552 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 43 Resp: 196838
Ion Ratio Lower Upper
43 100
74 20.7 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 26.932 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

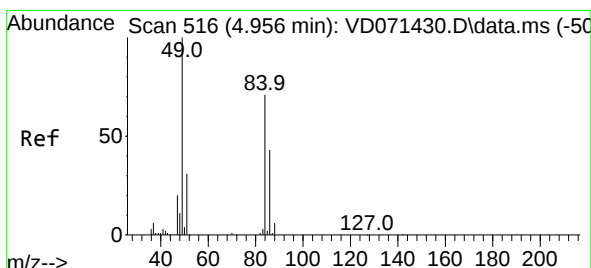
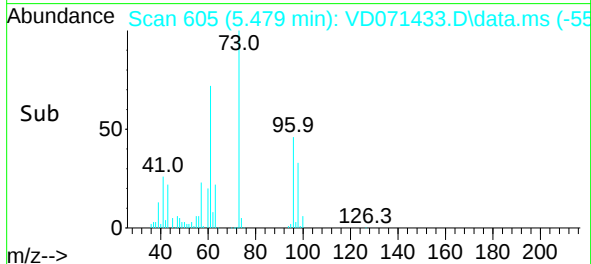
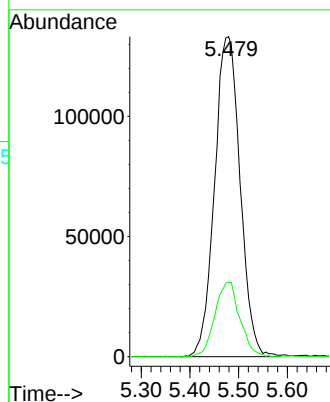
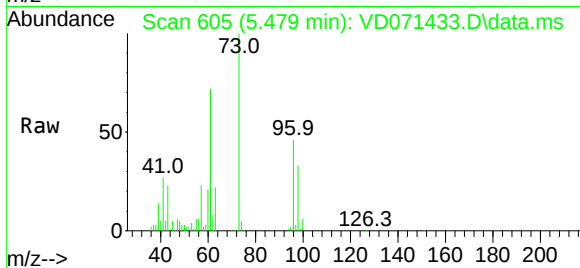
ICVVD122221

Tgt Ion: 73 Resp: 484986

Ion Ratio Lower Upper

73 100

57 23.2 18.9 28.3



#20

Methylene Chloride

Concen: 24.232 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.001 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Tgt Ion: 84 Resp: 234266

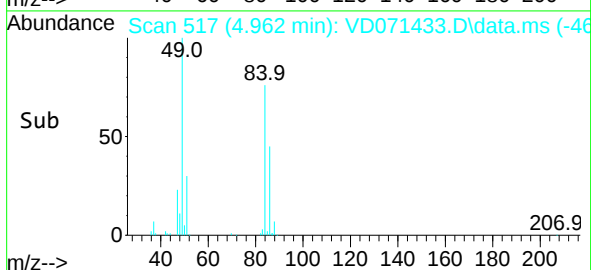
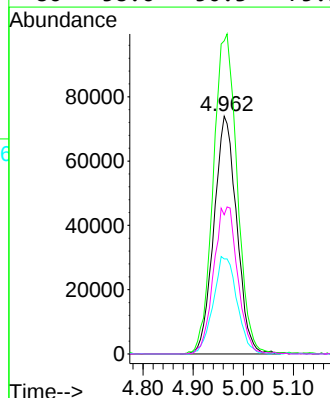
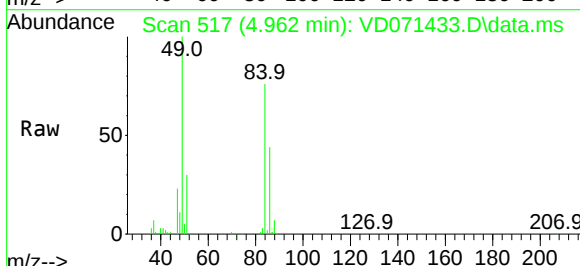
Ion Ratio Lower Upper

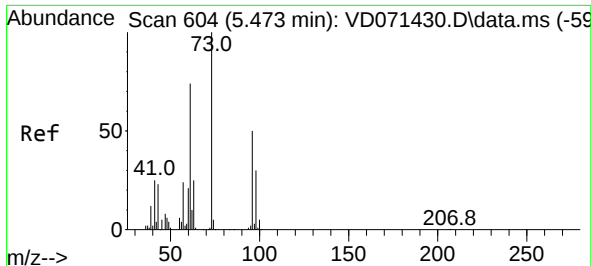
84 100

49 131.8 95.8 143.6

51 40.0 30.9 46.3

86 58.6 50.3 75.5

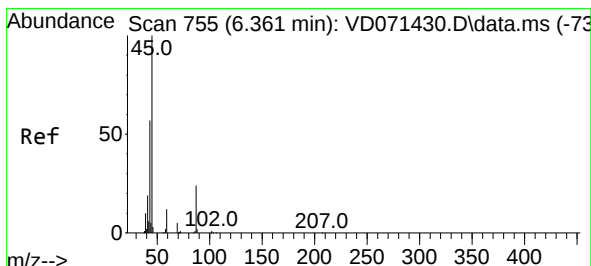
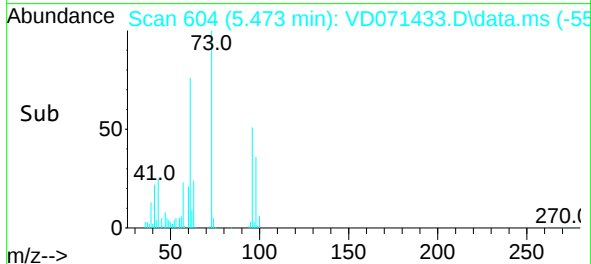
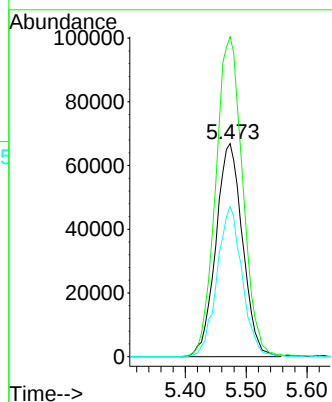
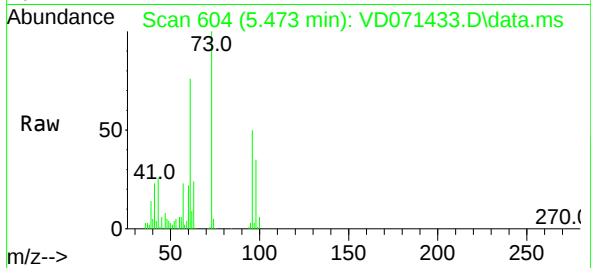




#21
trans-1,2-Dichloroethene
Concen: 25.208 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

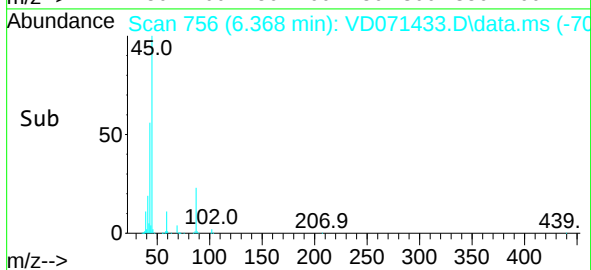
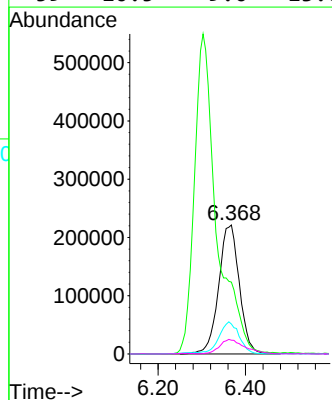
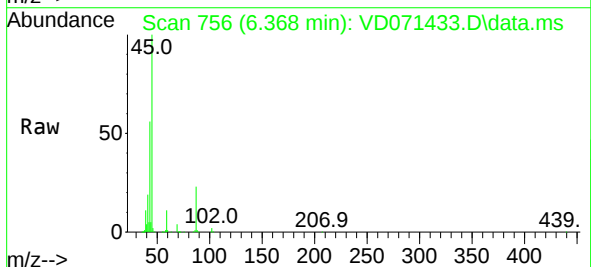
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

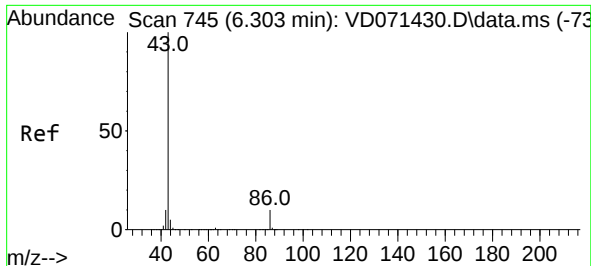
Tgt Ion: 96 Resp: 203679
Ion Ratio Lower Upper
96 100
61 150.2 102.1 153.1
98 70.4 50.1 75.1



#22
Diisopropyl ether
Concen: 27.030 ug/l
RT: 6.368 min Scan# 756
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 45 Resp: 726032
Ion Ratio Lower Upper
45 100
43 55.0 39.6 59.4
87 23.1 21.2 31.8
59 10.5 9.0 13.6

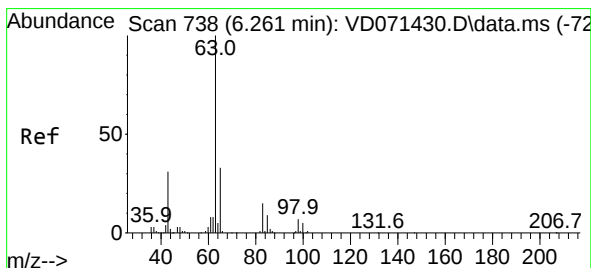
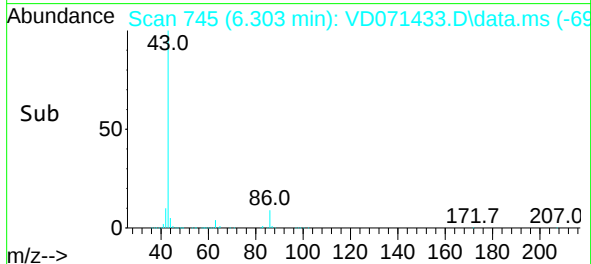
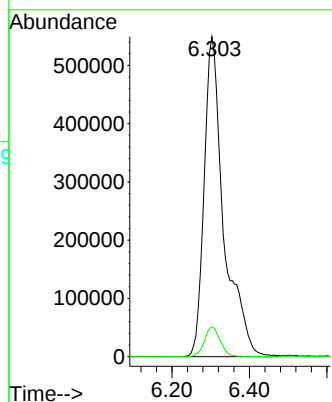
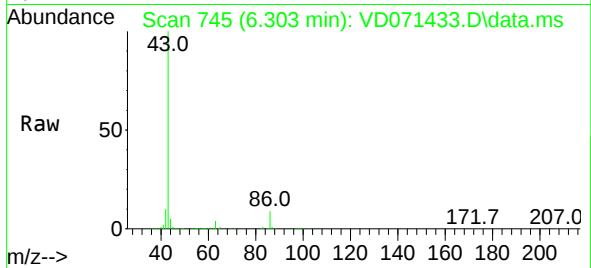




#23
 Vinyl Acetate
 Concen: 140.088 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071433.D
 Acq: 22 Dec 2021 22:08

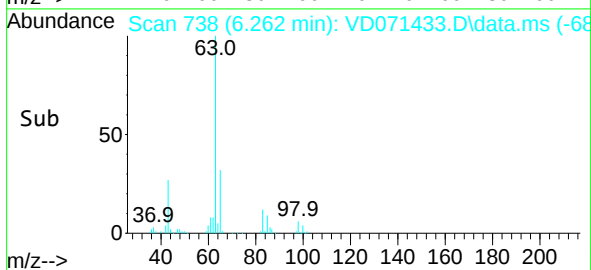
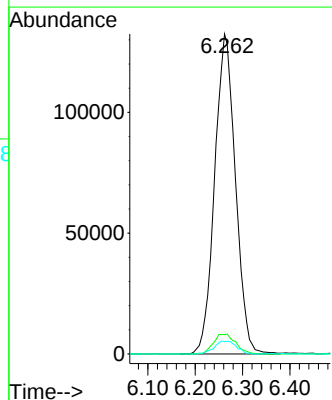
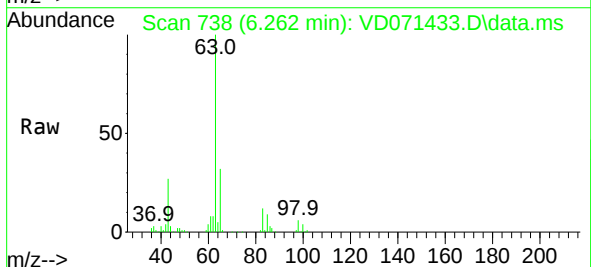
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122221

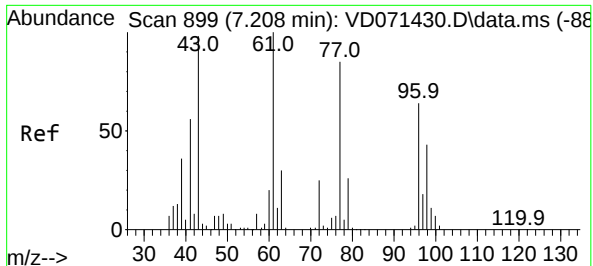
Tgt Ion: 43 Resp: 1939790
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 26.205 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.001 min
 Lab File: VD071433.D
 Acq: 22 Dec 2021 22:08

Tgt Ion: 63 Resp: 403518
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.6
 100 3.9 2.1 6.3

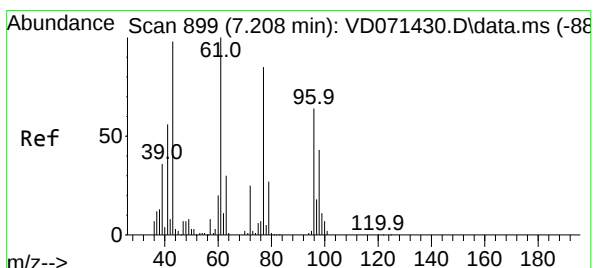
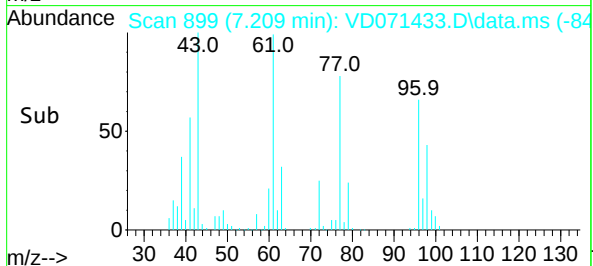
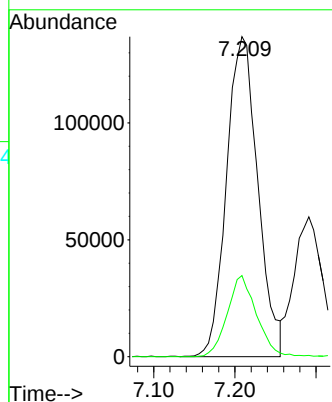
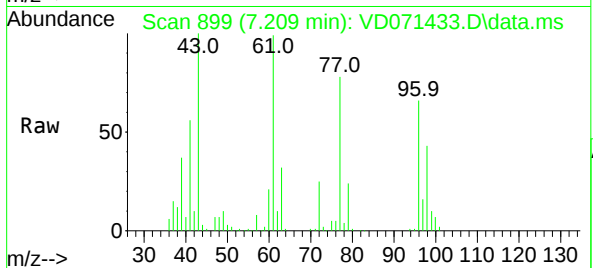




#25
2-Butanone
Concen: 137.935 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

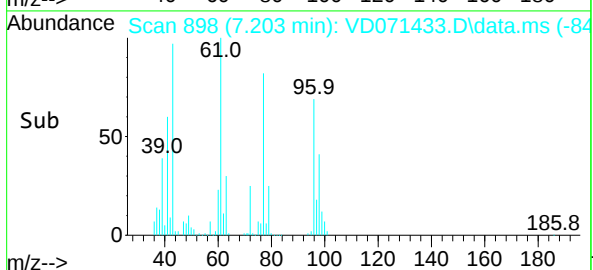
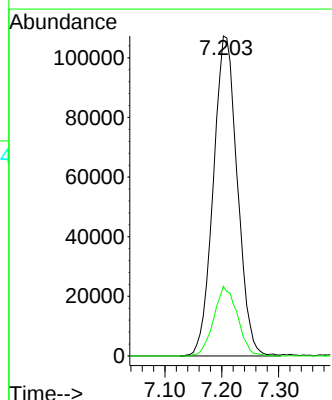
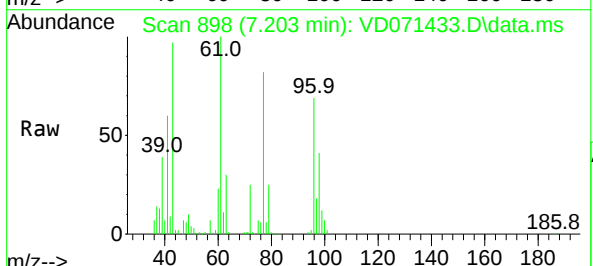
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

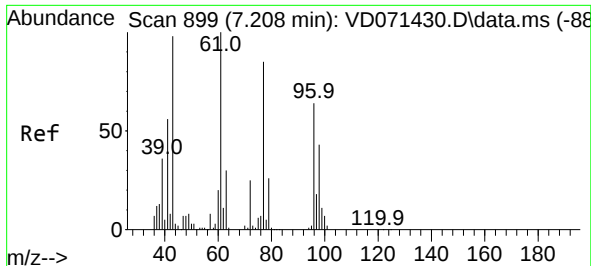
Tgt Ion: 43 Resp: 368003
Ion Ratio Lower Upper
43 100
72 25.4 23.8 35.6



#26
2,2-Dichloropropane
Concen: 24.924 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 77 Resp: 315349
Ion Ratio Lower Upper
77 100
97 21.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 26.748 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.005 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

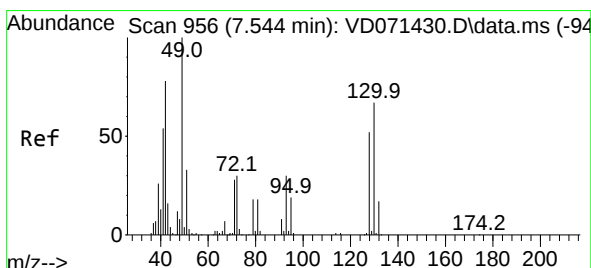
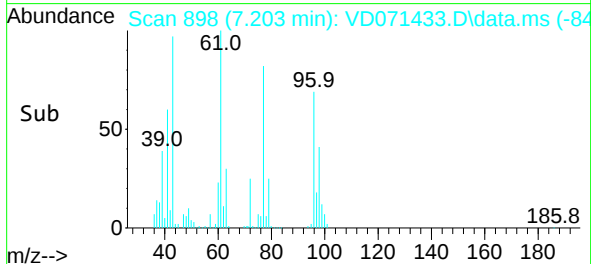
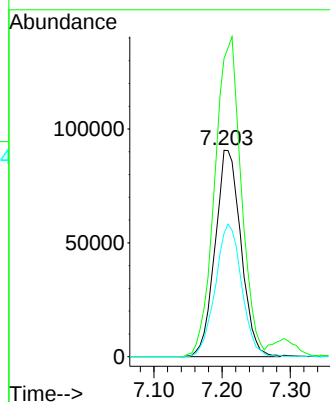
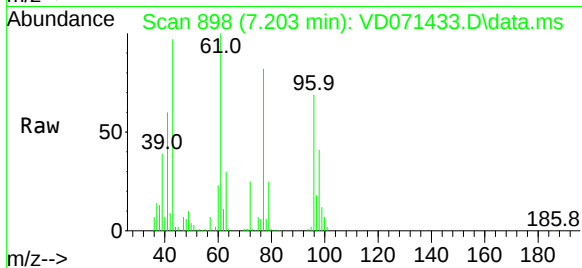
Tgt Ion: 96 Resp: 239042

Ion Ratio Lower Upper

96 100

61 158.5 0.0 288.6

98 65.4 0.0 129.2



#28

Bromochloromethane

Concen: 25.907 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

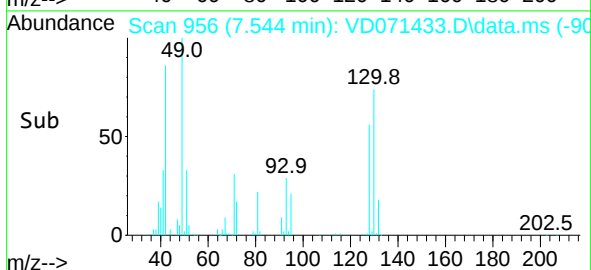
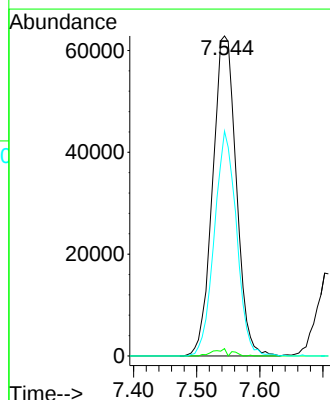
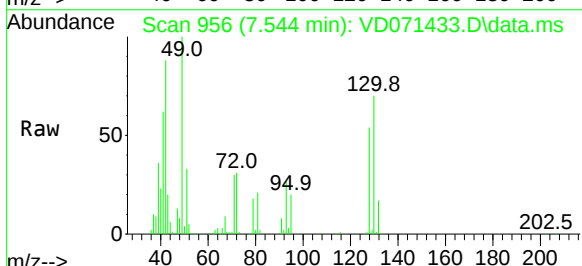
Tgt Ion: 49 Resp: 163481

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

130 66.0 60.2 90.2





#29

Tetrahydrofuran

Concen: 139.942 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

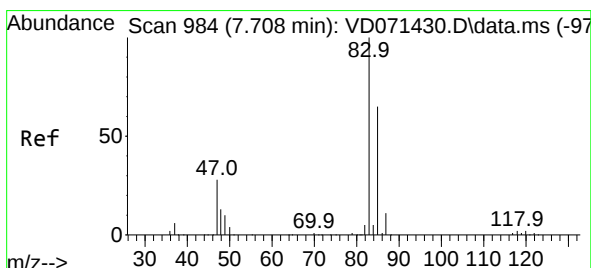
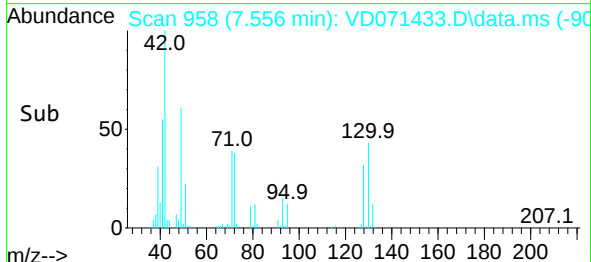
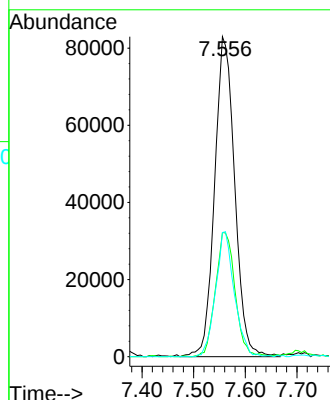
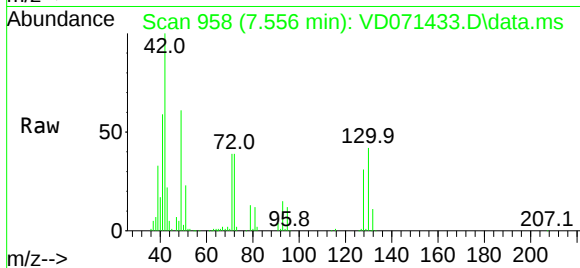
Tgt Ion: 42 Resp: 224168

Ion Ratio Lower Upper

42 100

72 37.9 33.7 50.5

71 36.6 32.7 49.1



#30

Chloroform

Concen: 26.420 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.007 min

Lab File: VD071433.D

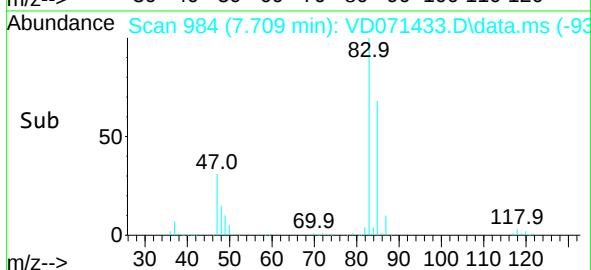
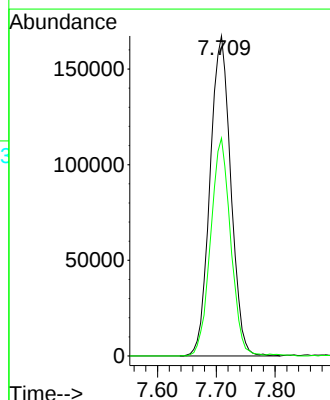
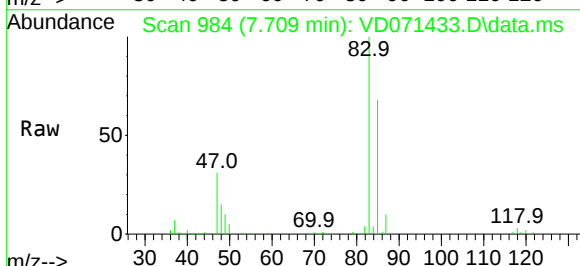
Acq: 22 Dec 2021 22:08

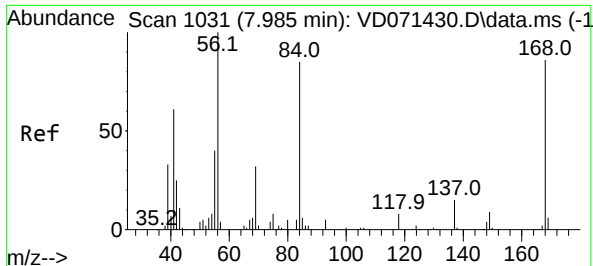
Tgt Ion: 83 Resp: 410495

Ion Ratio Lower Upper

83 100

85 68.0 51.0 76.6





#31

Cyclohexane

Concen: 24.355 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

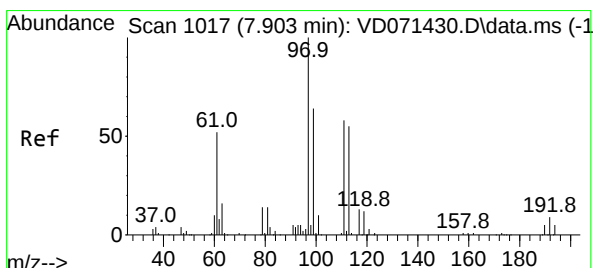
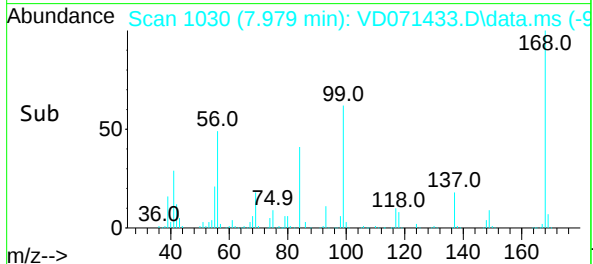
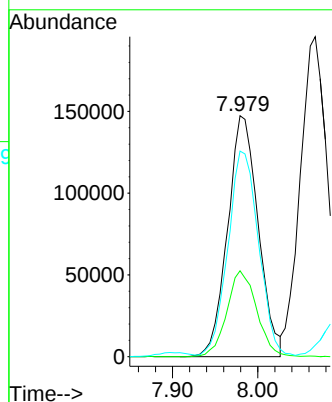
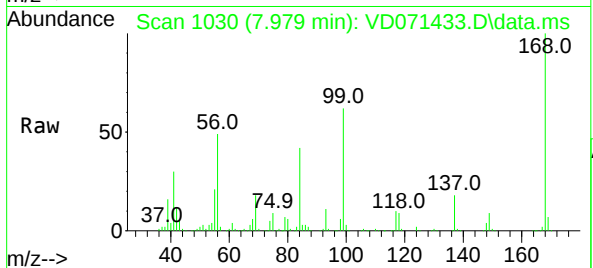
Tgt Ion: 56 Resp: 367907

Ion Ratio Lower Upper

56 100

69 35.7 25.9 38.9

84 83.7 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 25.655 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.005 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

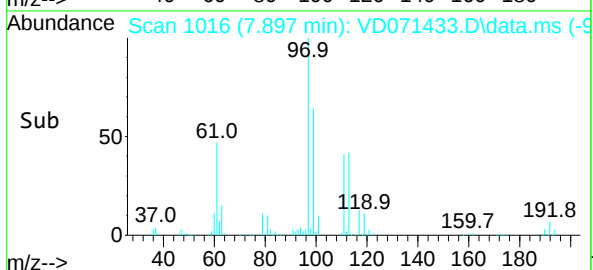
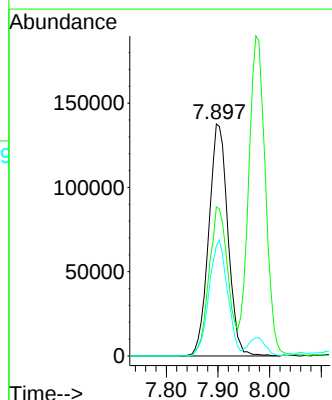
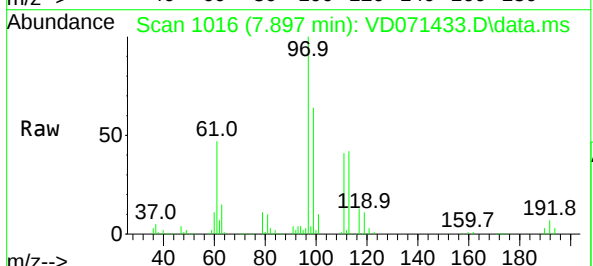
Tgt Ion: 97 Resp: 353528

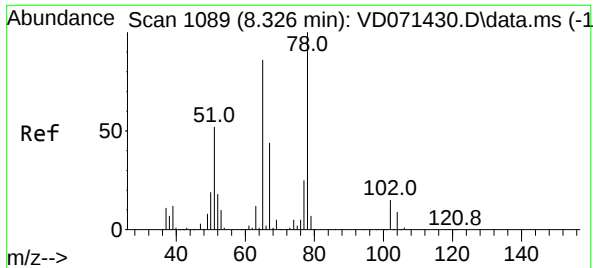
Ion Ratio Lower Upper

97 100

99 63.6 50.3 75.5

61 48.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 27.011 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

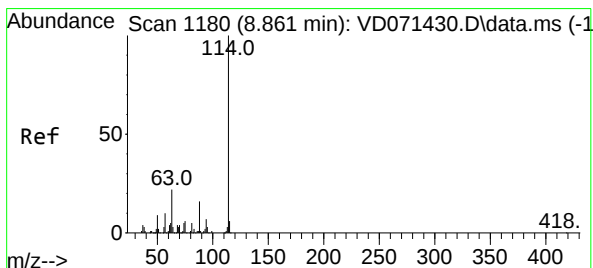
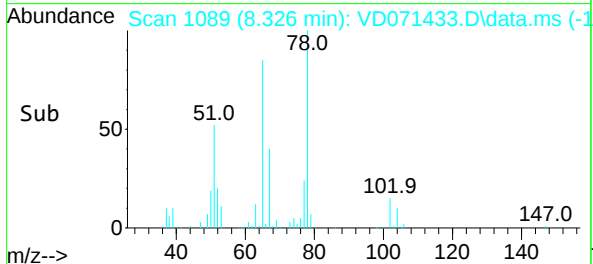
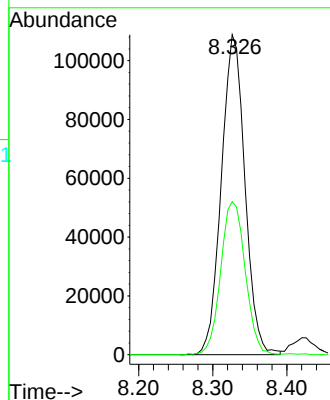
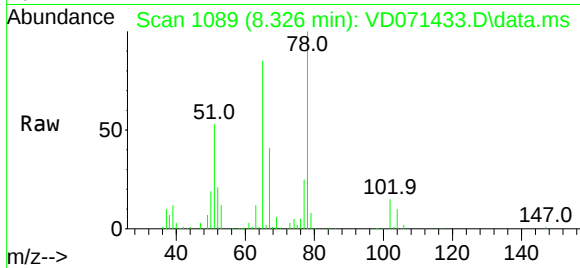
ICVVD122221

Tgt Ion: 65 Resp: 240193

Ion Ratio Lower Upper

65 100

67 49.8 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: VD071433.D

Acq: 22 Dec 2021 22:08

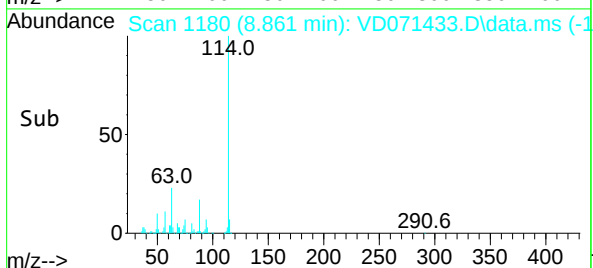
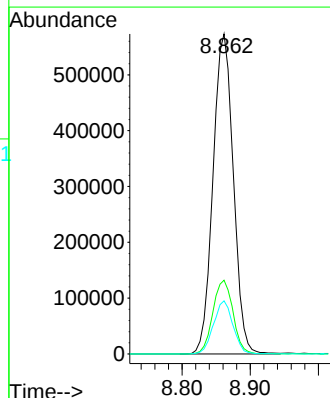
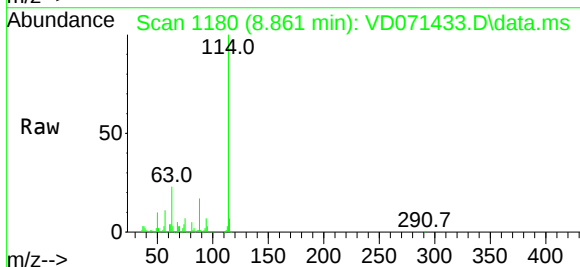
Tgt Ion: 114 Resp: 1191284

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 16.6 0.0 32.8

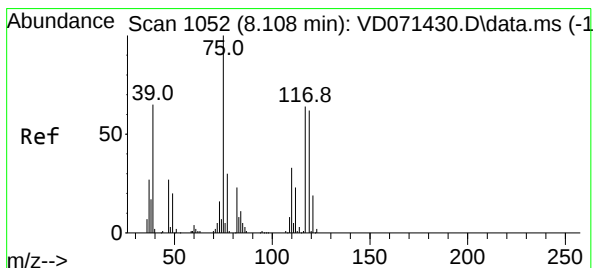
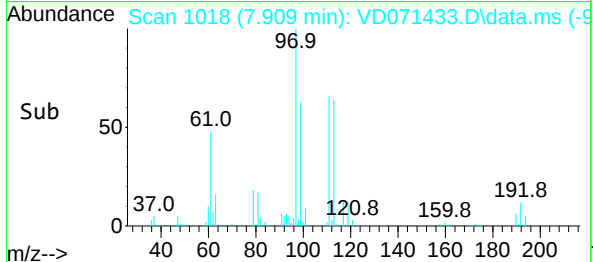
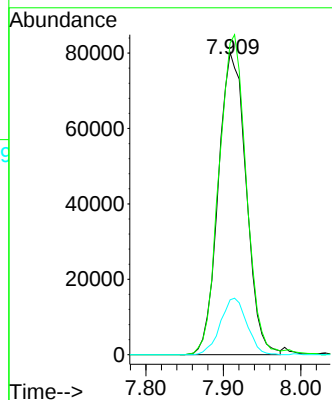
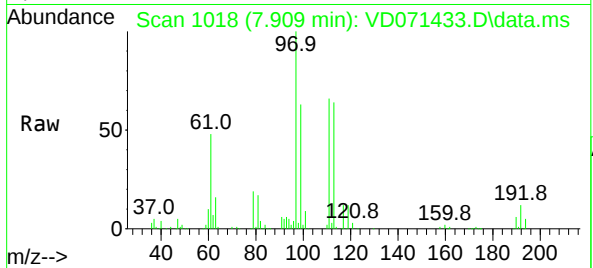




#35
Dibromofluoromethane
Concen: 25.009 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

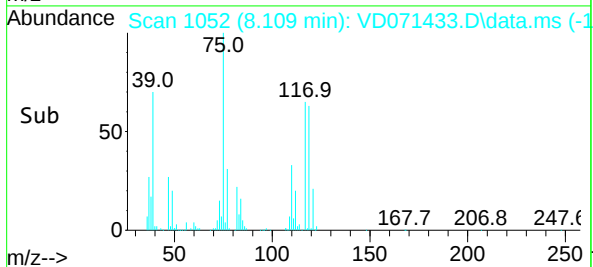
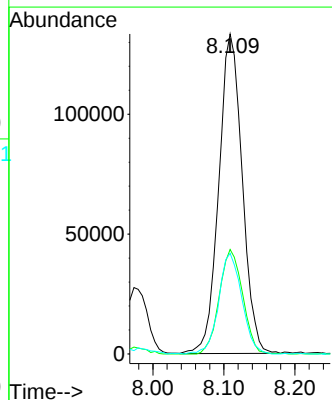
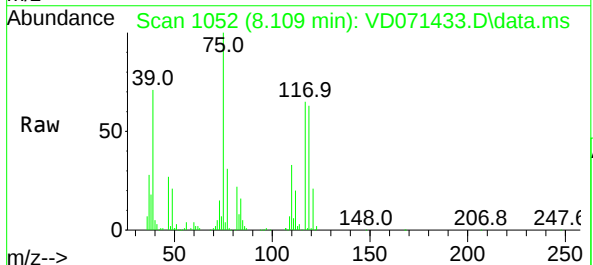
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

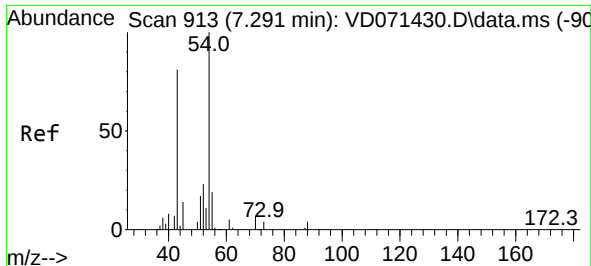
Tgt Ion:113 Resp: 200228
Ion Ratio Lower Upper
113 100
111 104.4 82.0 123.0
192 17.8 15.2 22.8



#36
1,1-Dichloropropene
Concen: 23.856 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 75 Resp: 305154
Ion Ratio Lower Upper
75 100
110 32.7 17.8 53.4
77 31.2 24.8 37.2





#37

Ethyl Acetate

Concen: 25.554 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

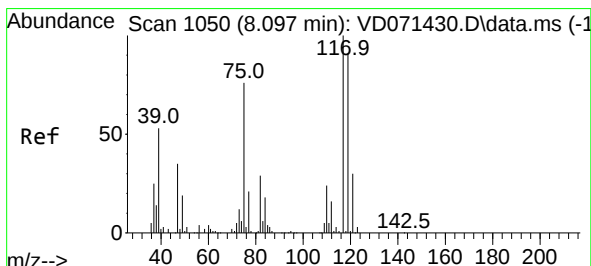
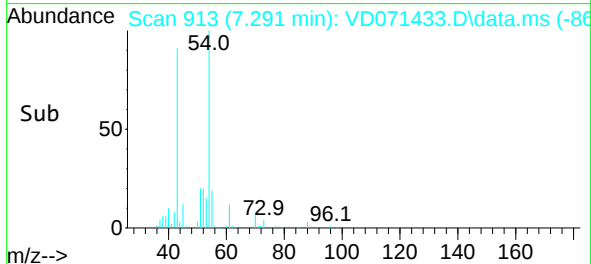
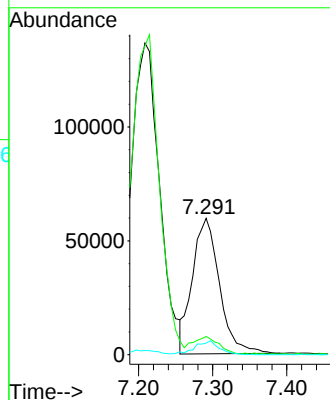
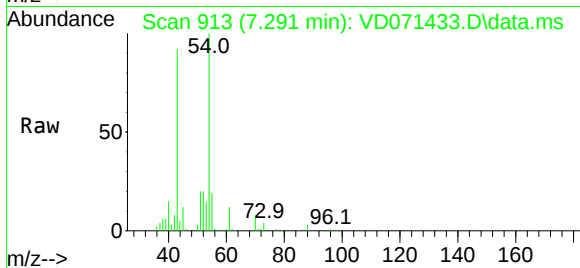
Tgt Ion: 43 Resp: 150906

Ion Ratio Lower Upper

43 100

61 12.2 13.0 19.6#

70 9.2 8.7 13.1



#38

Carbon Tetrachloride

Concen: 24.168 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

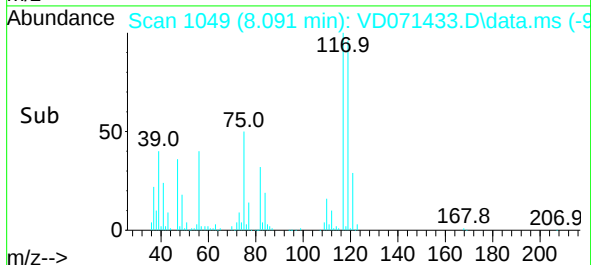
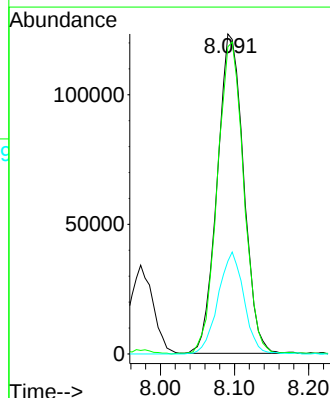
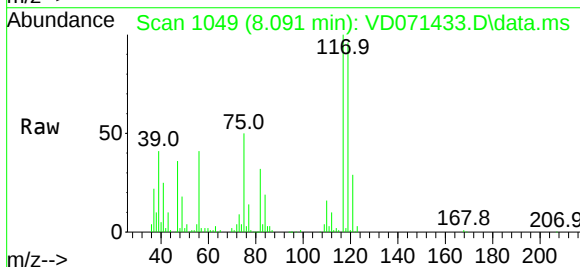
Tgt Ion: 117 Resp: 304999

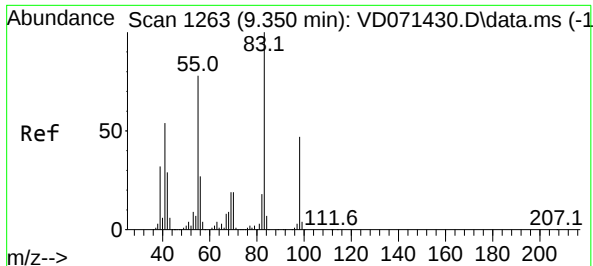
Ion Ratio Lower Upper

117 100

119 95.9 75.8 113.6

121 29.0 23.6 35.4





#39

Methylcyclohexane

Concen: 24.275 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

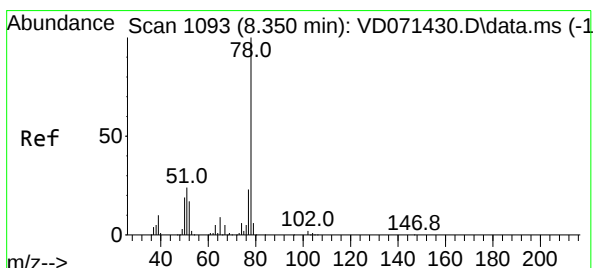
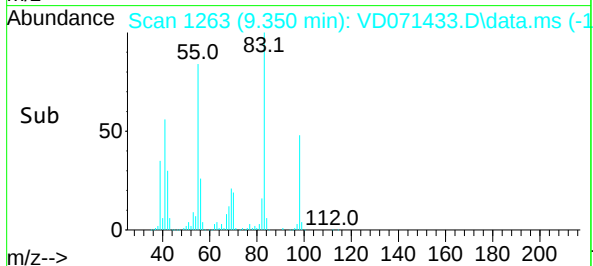
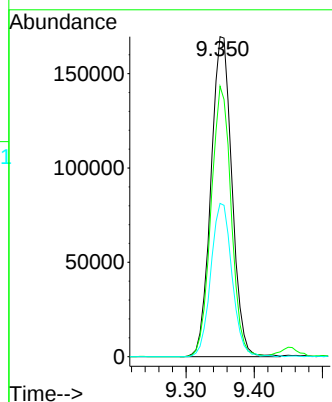
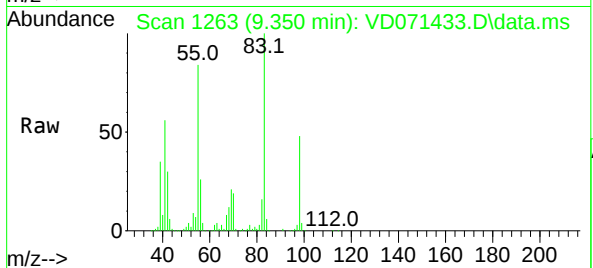
Tgt Ion: 83 Resp: 363483

Ion Ratio Lower Upper

83 100

55 84.5 65.8 98.8

98 47.9 38.7 58.1



#40

Benzene

Concen: 24.940 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071433.D

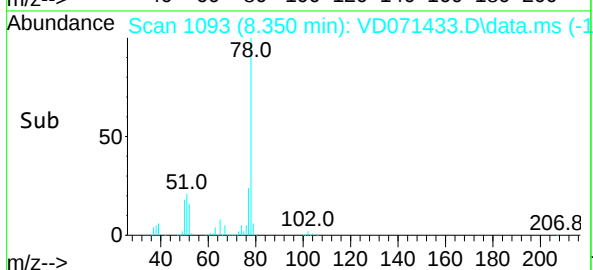
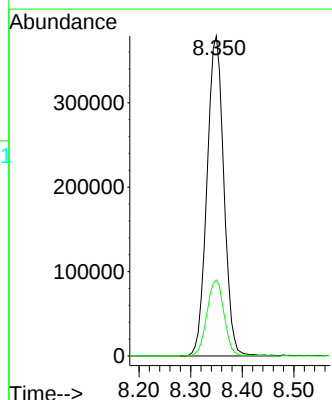
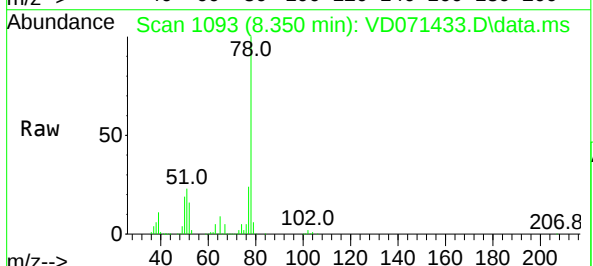
Acq: 22 Dec 2021 22:08

Tgt Ion: 78 Resp: 857605

Ion Ratio Lower Upper

78 100

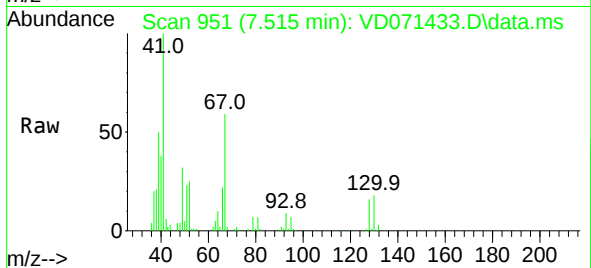
77 23.7 19.1 28.7





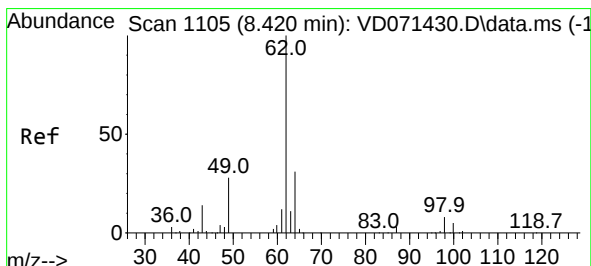
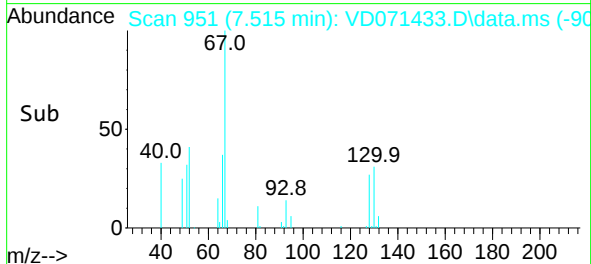
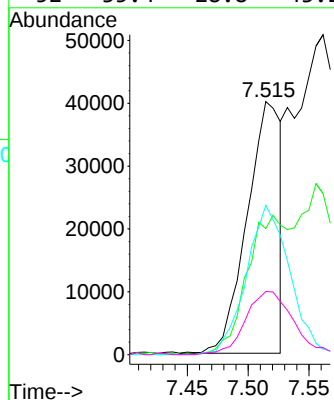
#41
Methacrylonitrile
Concen: 22.054 ug/l
RT: 7.515 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221



Tgt Ion: 41 Resp: 77358

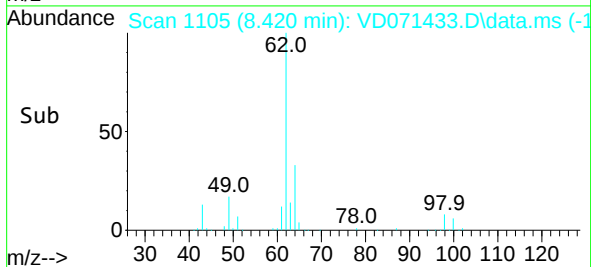
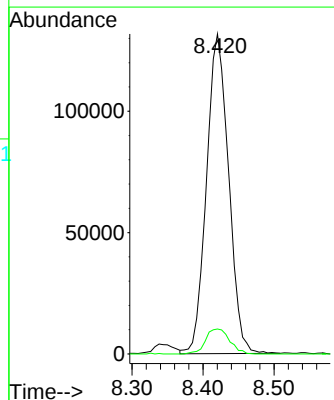
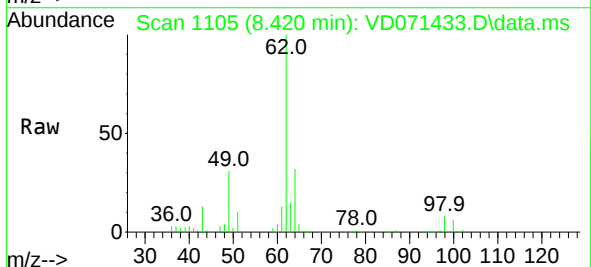
Ion	Ratio	Lower	Upper
41	100		
39	65.7	60.2	90.4
67	76.7	74.8	112.2
52	35.4	28.8	43.2

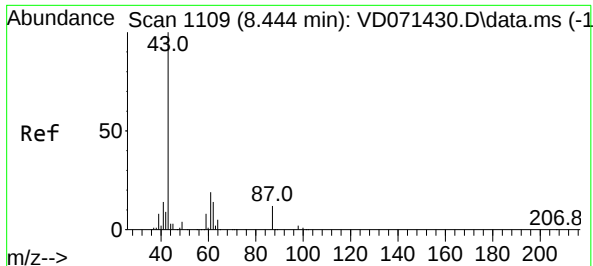


#42
1,2-Dichloroethane
Concen: 25.414 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 62 Resp: 284961

Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	21.8

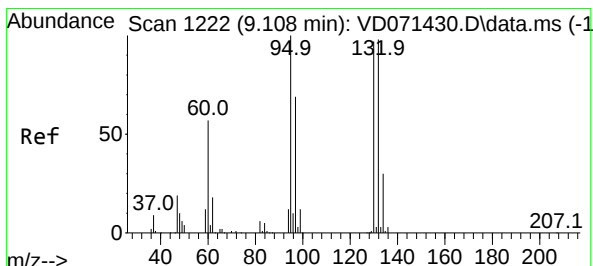
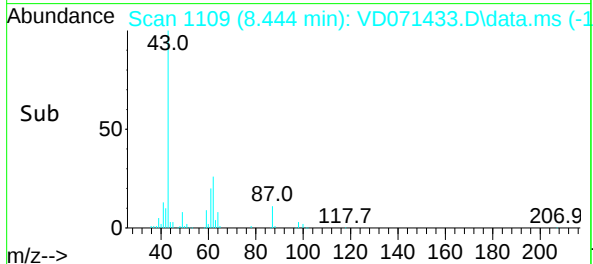
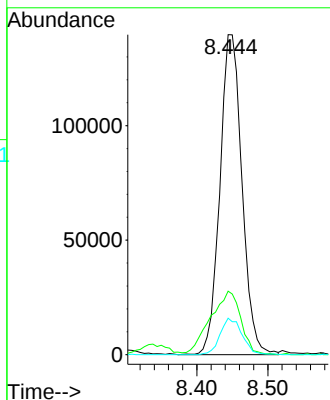
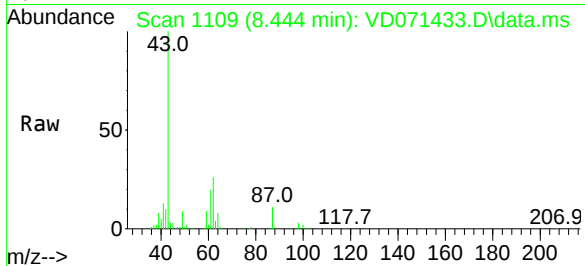




#43
Isopropyl Acetate
Concen: 25.748 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

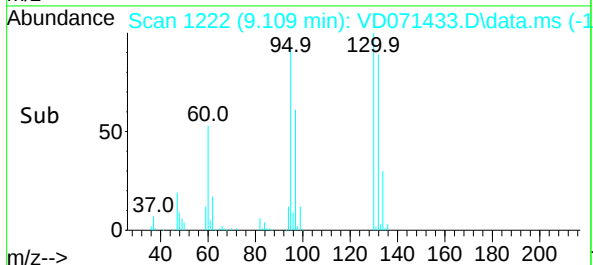
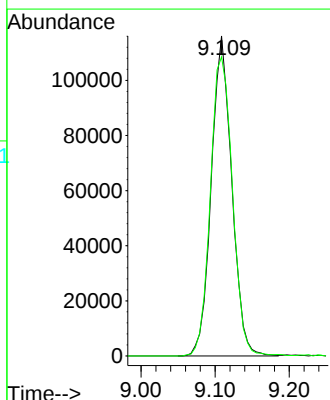
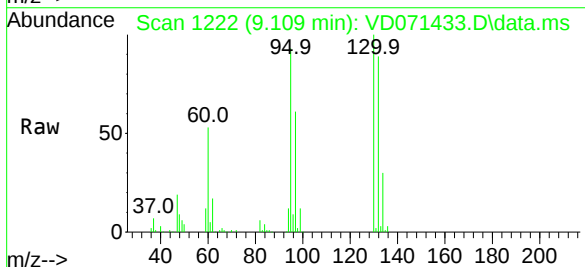
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

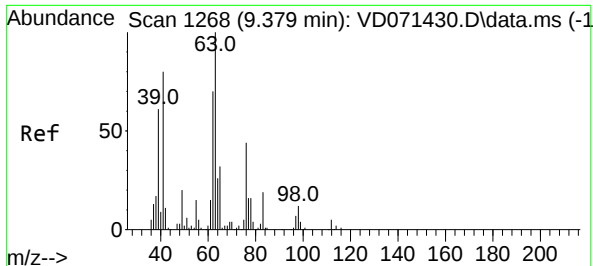
Tgt Ion: 43 Resp: 301746
Ion Ratio Lower Upper
43 100
61 27.4 28.2 42.4#
87 11.4 10.7 16.1



#44
Trichloroethene
Concen: 24.857 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion:130 Resp: 222738
Ion Ratio Lower Upper
130 100
95 93.5 0.0 193.2





#45

1,2-Dichloropropane

Concen: 25.759 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

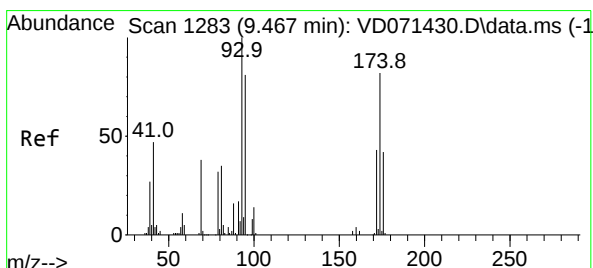
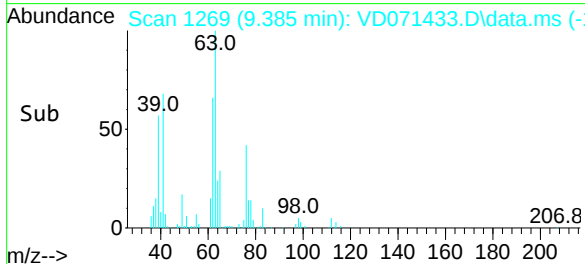
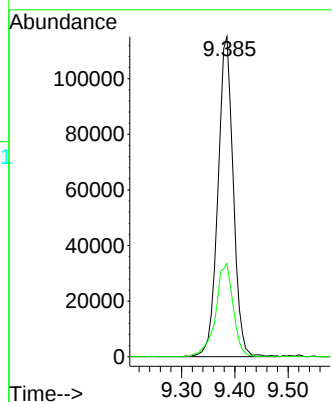
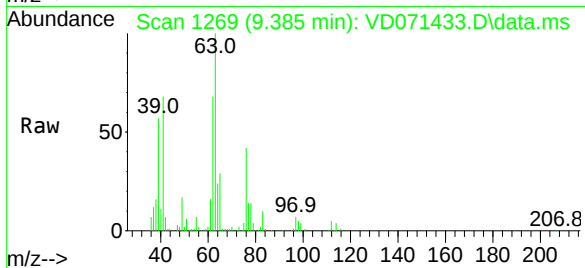
ICVVD122221

Tgt Ion: 63 Resp: 229846

Ion Ratio Lower Upper

63 100

65 29.1 24.2 36.2



#46

Dibromomethane

Concen: 25.322 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

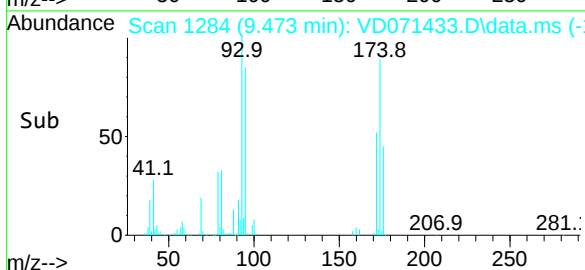
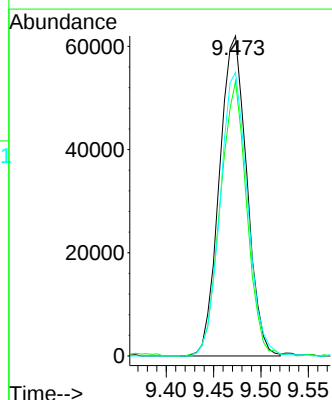
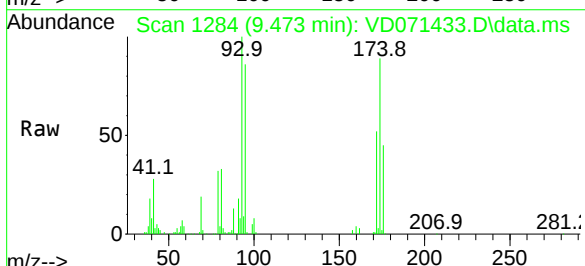
Tgt Ion: 93 Resp: 124828

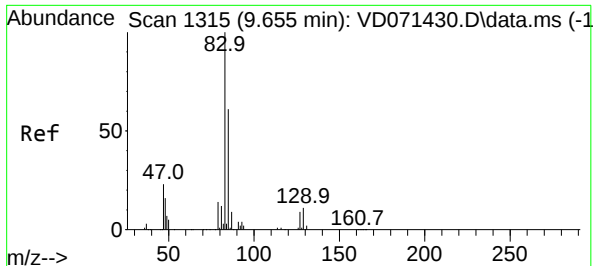
Ion Ratio Lower Upper

93 100

95 82.8 66.1 99.1

174 88.7 78.6 117.8





#47

Bromodichloromethane

Concen: 25.618 ug/l

RT: 9.656 min Scan# 1315

Delta R.T. 0.001 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

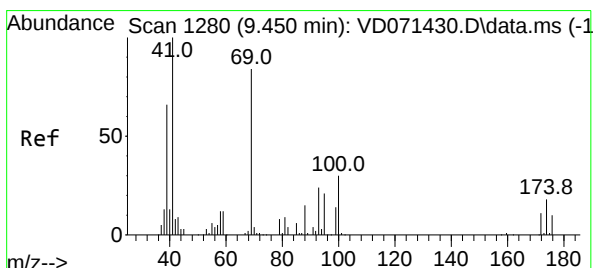
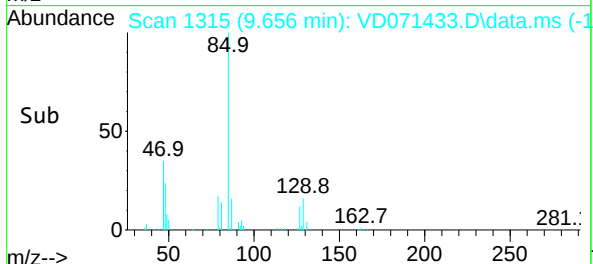
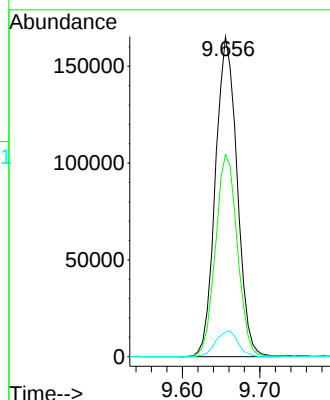
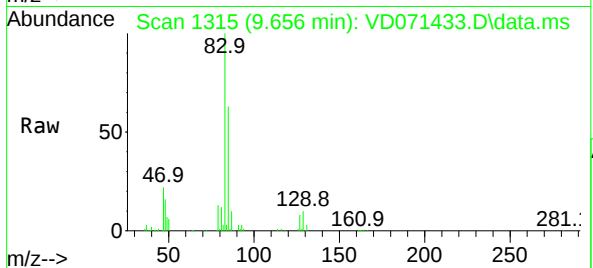
Tgt Ion: 83 Resp: 320624

Ion Ratio Lower Upper

83 100

85 63.1 50.0 75.0

127 7.7 7.3 10.9



#48

Methyl methacrylate

Concen: 26.610 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.001 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

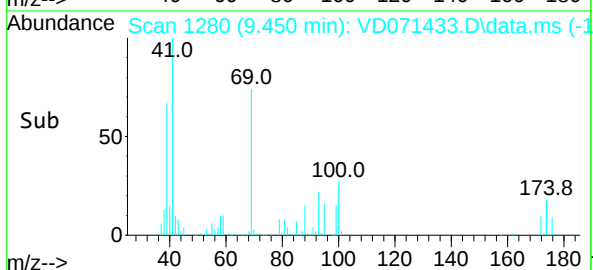
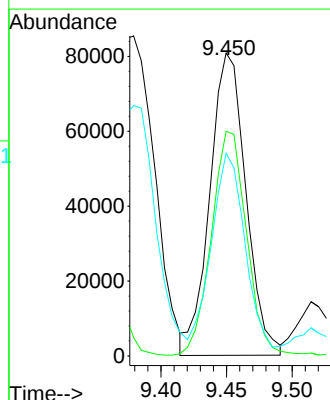
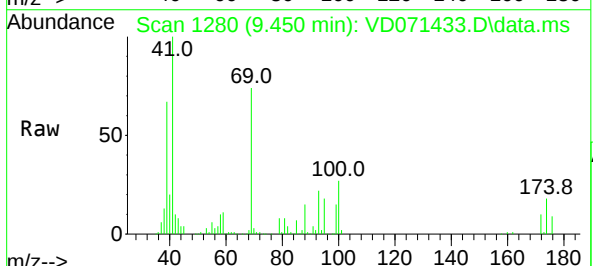
Tgt Ion: 41 Resp: 154317

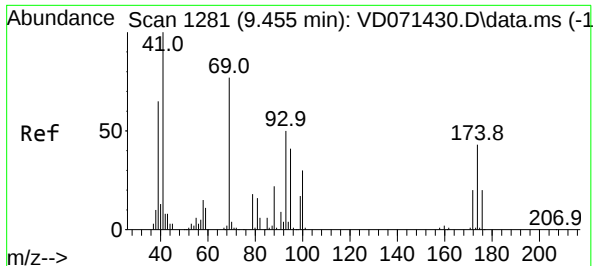
Ion Ratio Lower Upper

41 100

69 72.3 69.8 104.6

39 64.3 35.6 53.4#

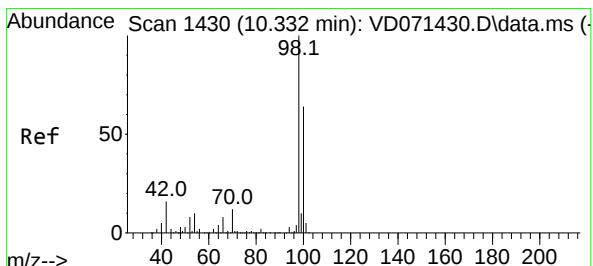
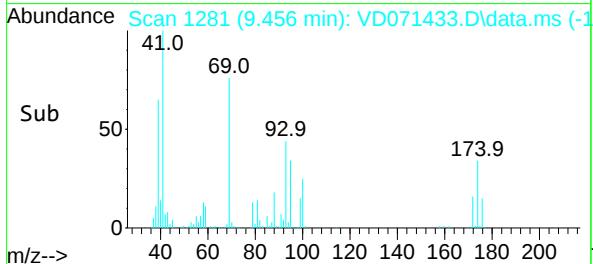
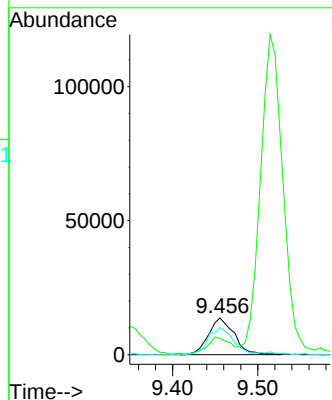
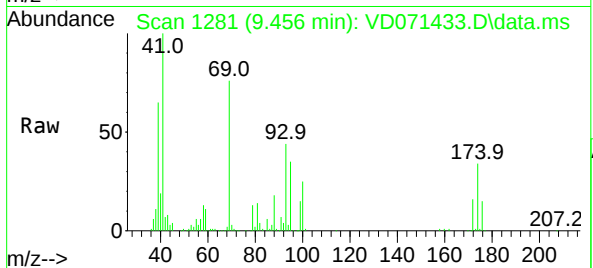




#49
1,4-Dioxane
Concen: 515.184 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

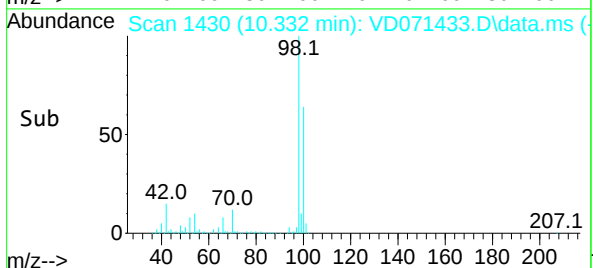
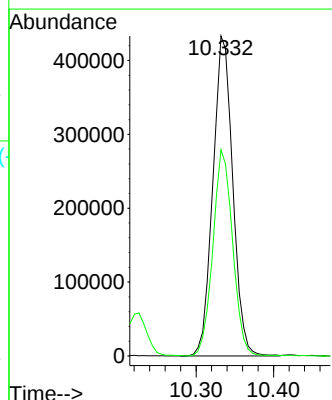
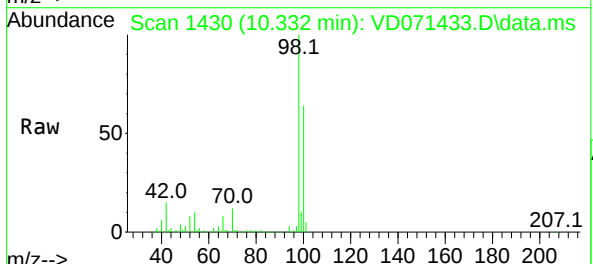
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

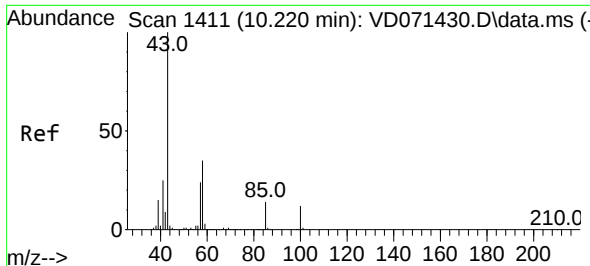
Tgt Ion: 88 Resp: 28699
Ion Ratio Lower Upper
88 100
43 39.9 28.9 43.3
58 71.1 56.3 84.5



#50
Toluene-d8
Concen: 25.476 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 98 Resp: 770794
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6

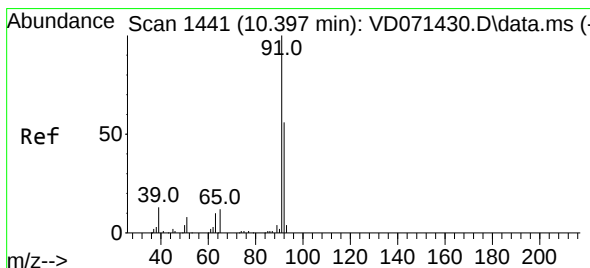
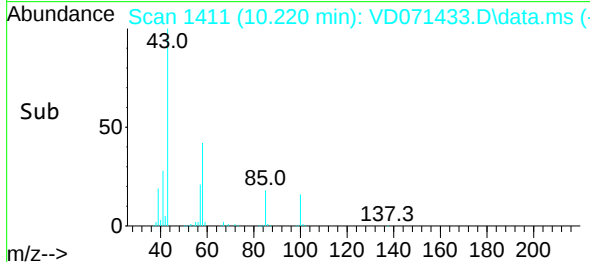
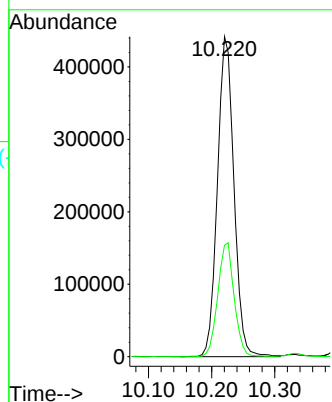
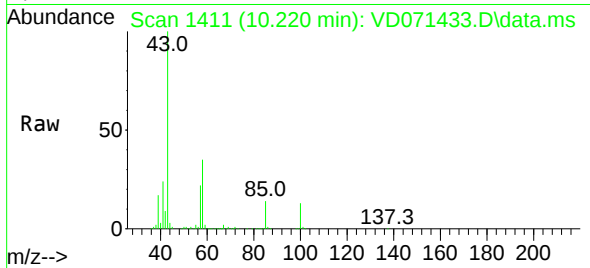




#51
4-Methyl-2-Pentanone
Concen: 130.040 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

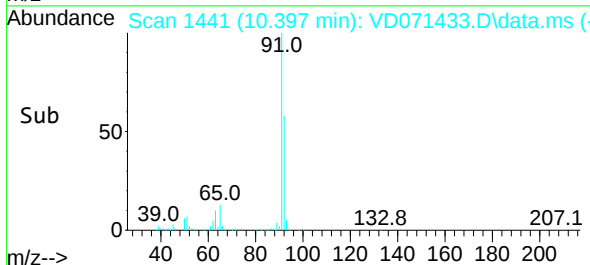
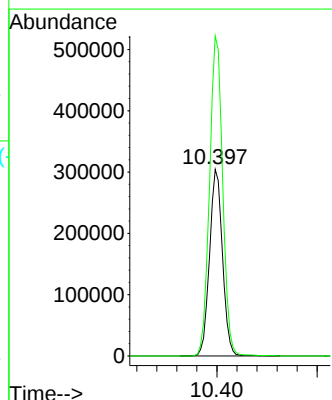
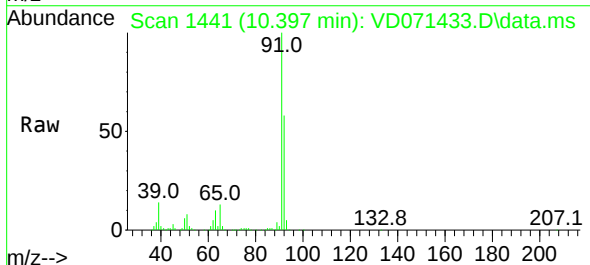
Instrument : MSVOA_D
ClientSampleId : ICVVD122221

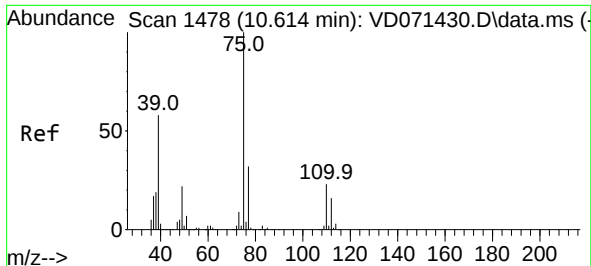
Tgt Ion: 43 Resp: 801770
Ion Ratio Lower Upper
43 100
58 35.3 33.1 49.7



#52
Toluene
Concen: 24.974 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 92 Resp: 545531
Ion Ratio Lower Upper
92 100
91 173.9 140.7 211.1

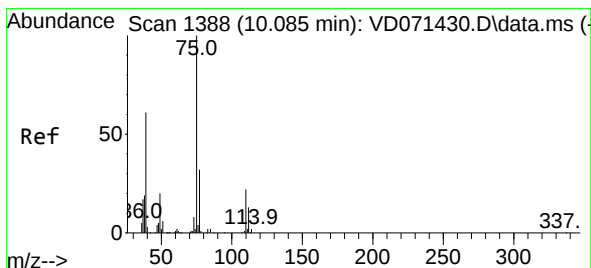
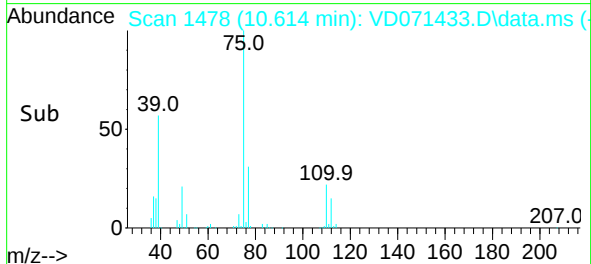
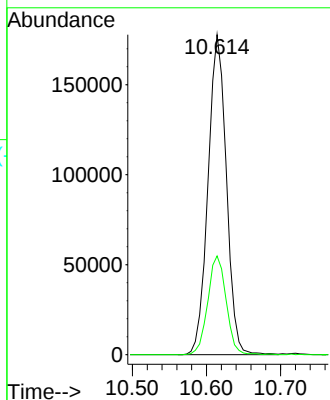
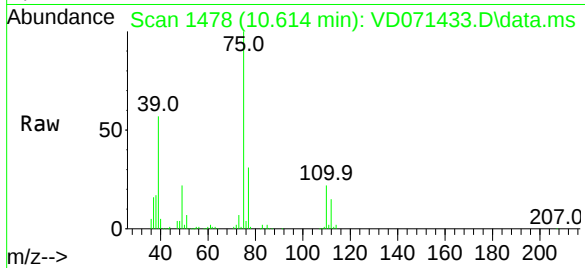




#53
t-1,3-Dichloropropene
Concen: 26.188 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

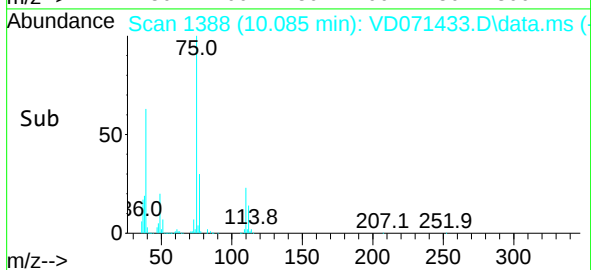
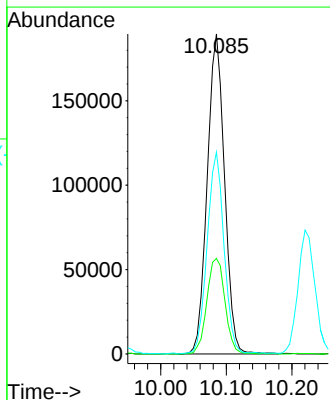
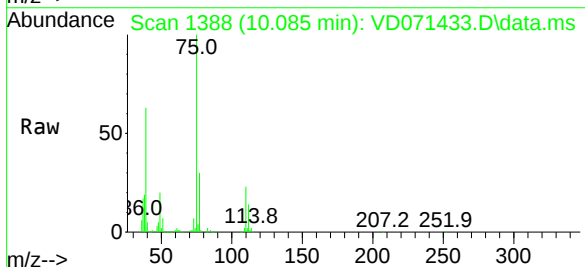
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

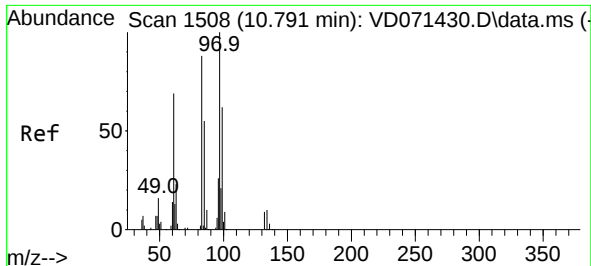
Tgt Ion: 75 Resp: 306066
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 25.750 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

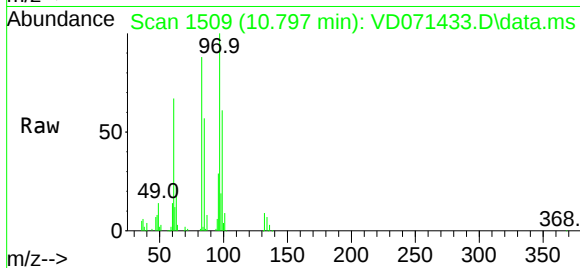
Tgt Ion: 75 Resp: 347759
Ion Ratio Lower Upper
75 100
77 29.8 25.0 37.6
39 63.1 31.6 47.4#





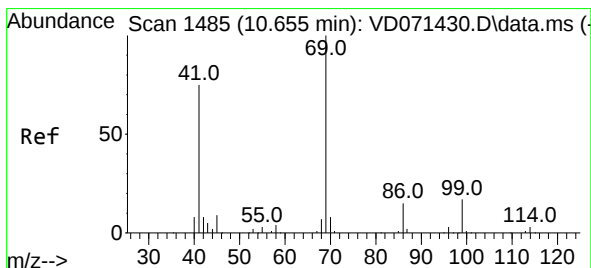
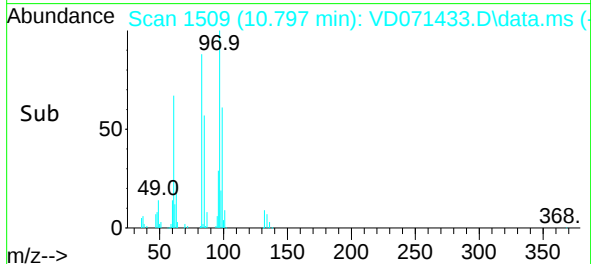
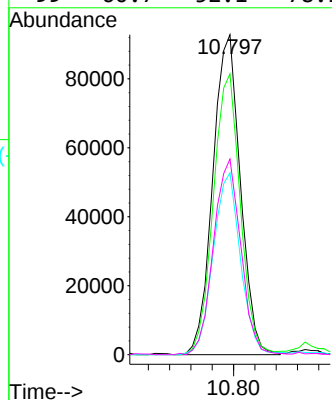
#55
1,1,2-Trichloroethane
Concen: 26.594 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Instrument : MSVOA_D
ClientSampleId : ICVVD122221



Tgt Ion: 97 Resp: 166402

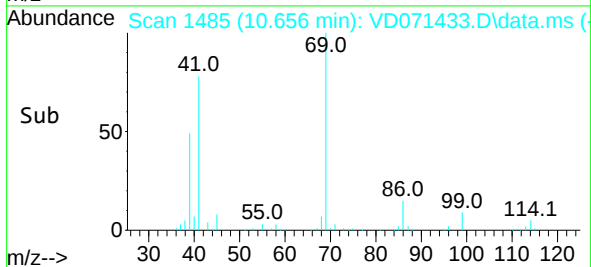
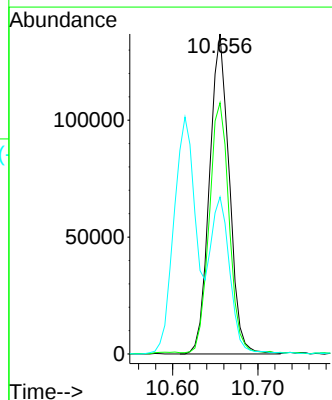
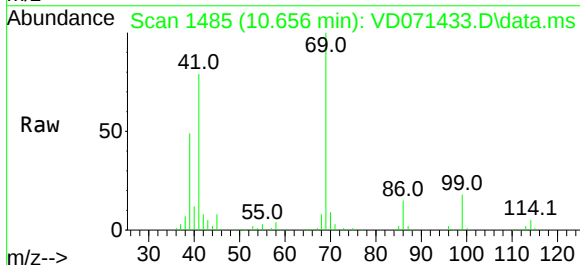
Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.2	97.8
85	56.9	43.4	65.0
99	60.7	52.1	78.1

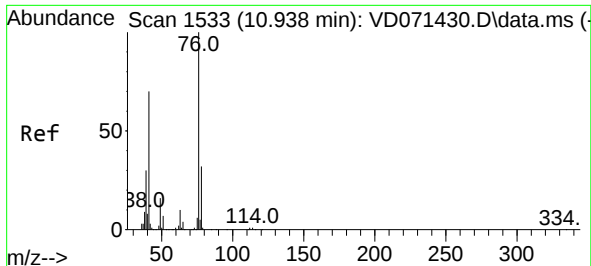


#56
Ethyl methacrylate
Concen: 26.772 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 69 Resp: 220443

Ion	Ratio	Lower	Upper
69	100		
41	79.7	50.2	75.2#
39	47.5	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 25.519 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

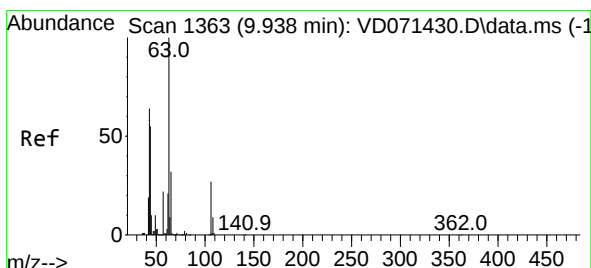
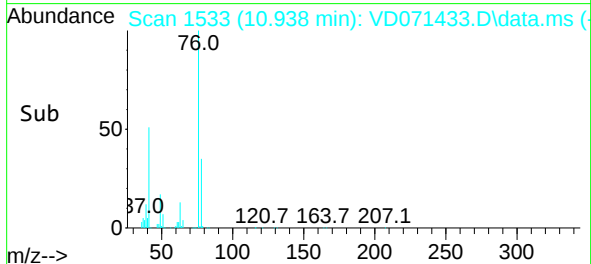
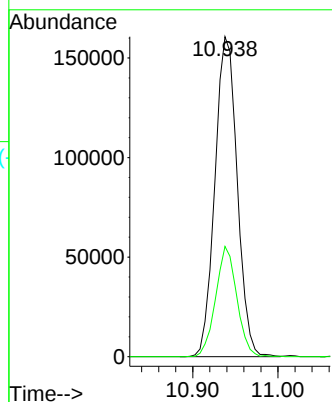
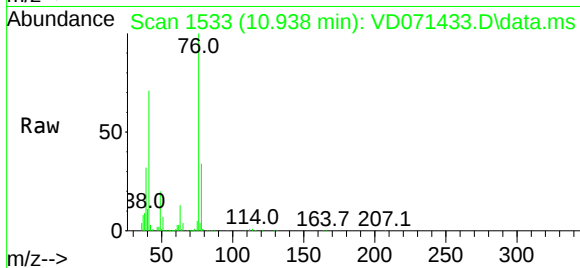
ICVVD122221

Tgt Ion: 76 Resp: 292487

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 132.338 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071433.D

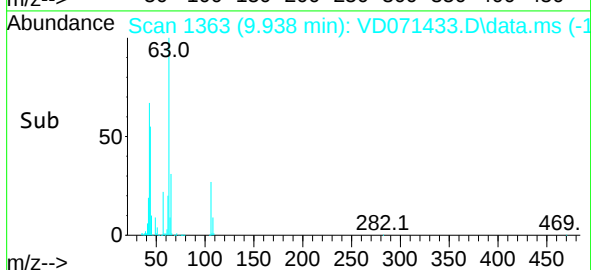
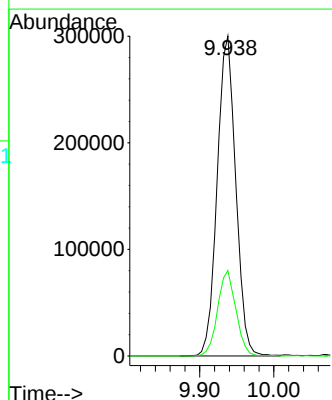
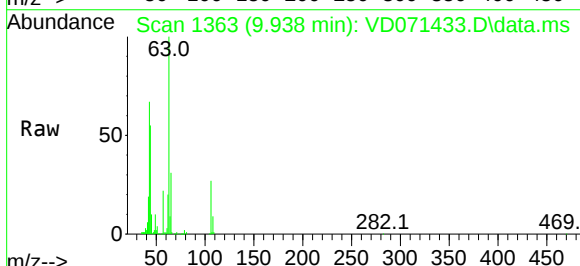
Acq: 22 Dec 2021 22:08

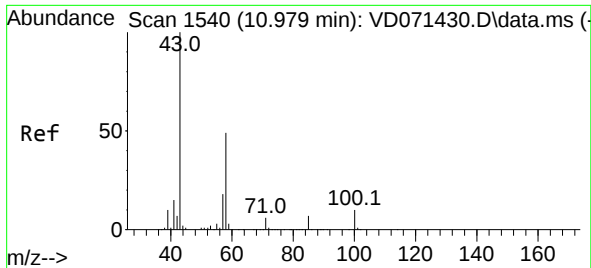
Tgt Ion: 63 Resp: 521975

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.4

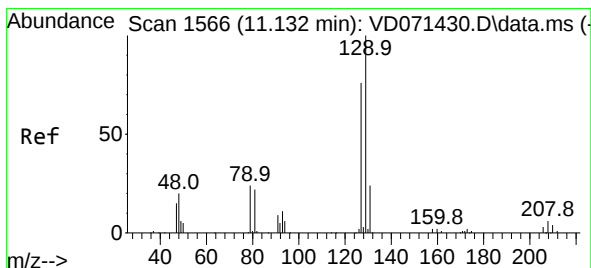
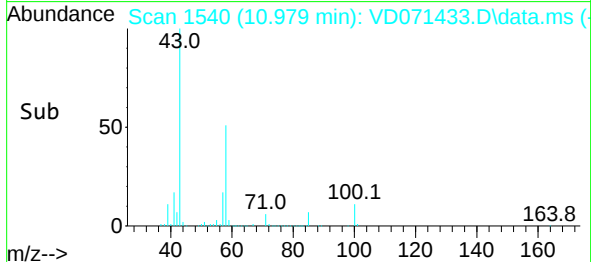
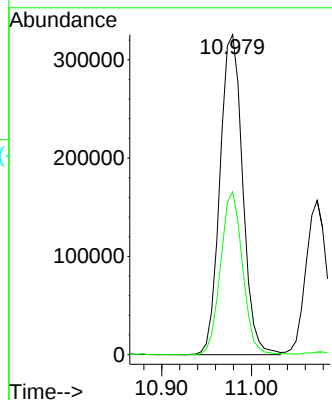
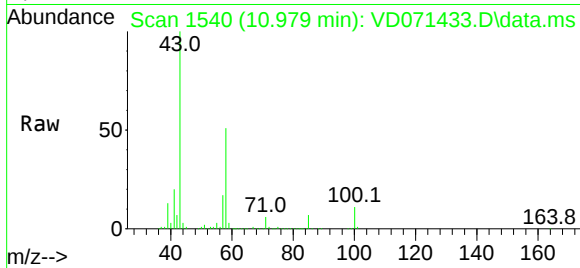




#59
2-Hexanone
Concen: 131.090 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

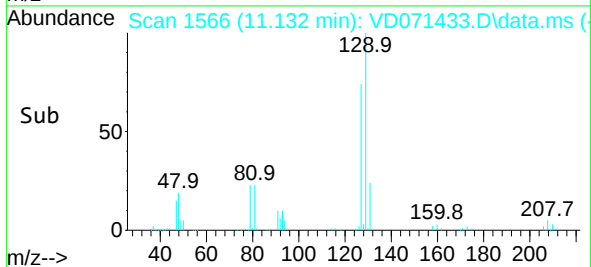
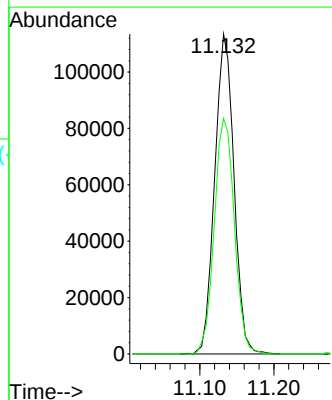
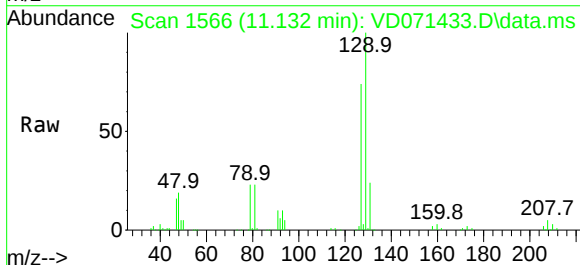
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

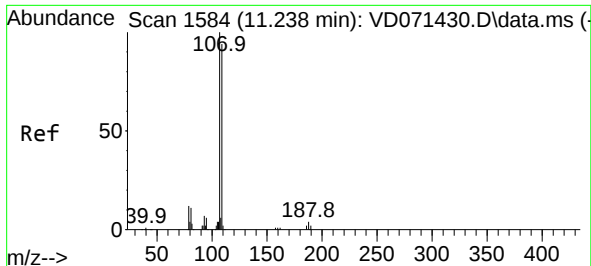
Tgt Ion: 43 Resp: 571310
Ion Ratio Lower Upper
43 100
58 49.4 28.7 86.1



#60
Dibromochloromethane
Concen: 26.009 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion:129 Resp: 204581
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6

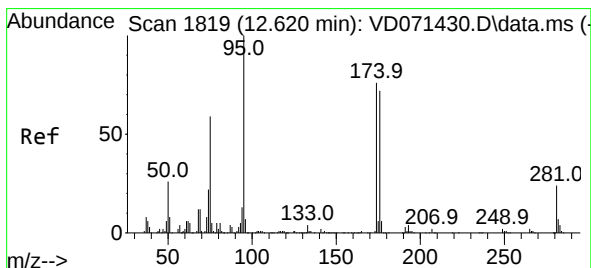
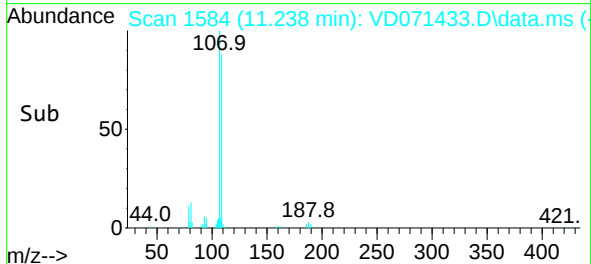
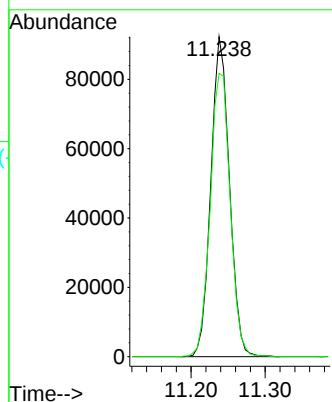
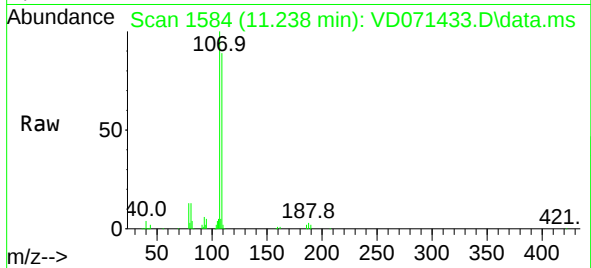




#61
1,2-Dibromoethane
Concen: 25.932 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

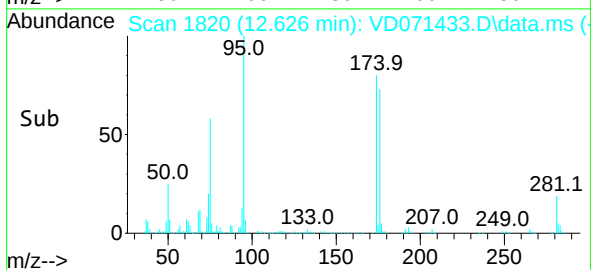
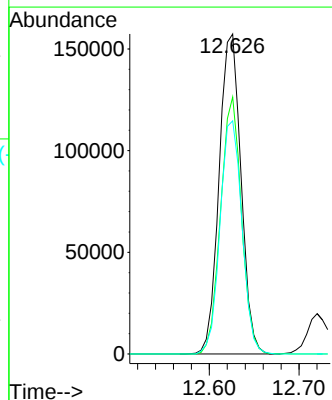
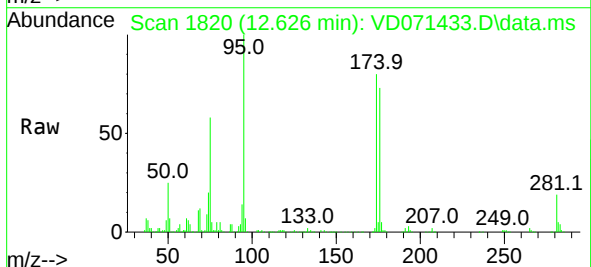
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

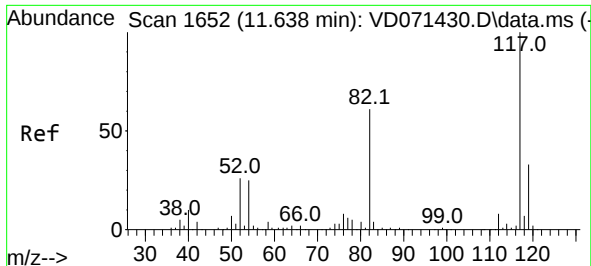
Tgt Ion:107 Resp: 160714
Ion Ratio Lower Upper
107 100
109 95.5 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 24.751 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 95 Resp: 266108
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 72.9 0.0 154.0

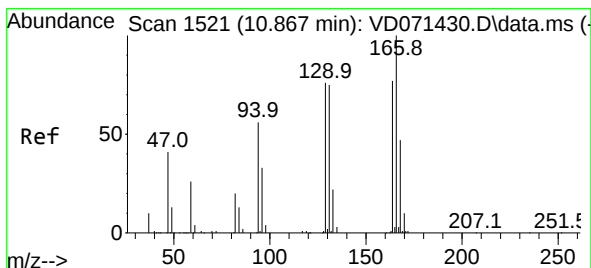
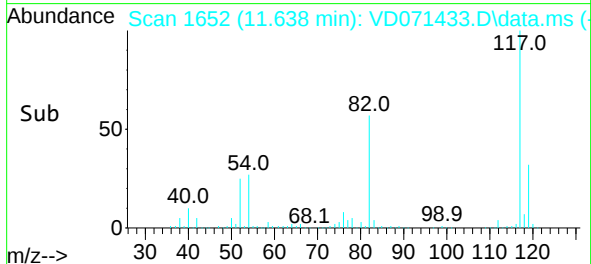
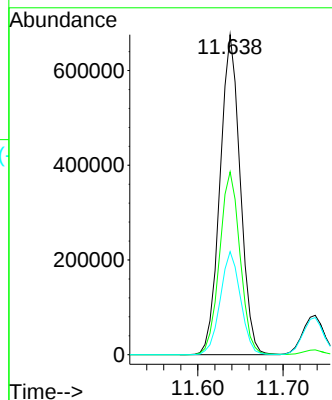
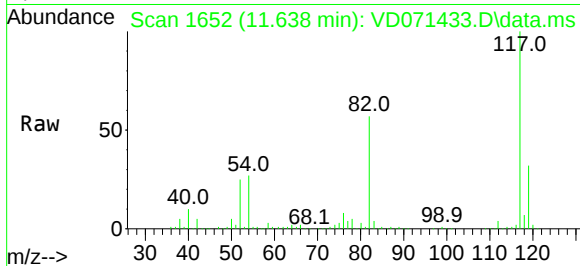




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

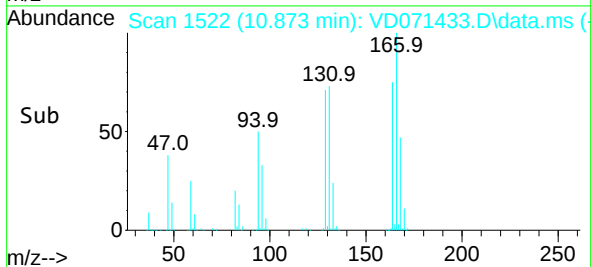
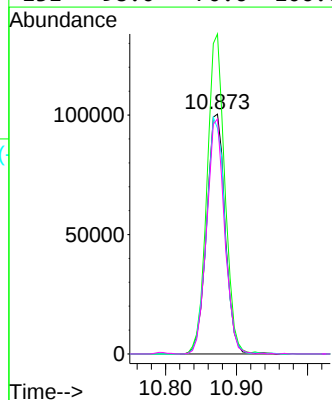
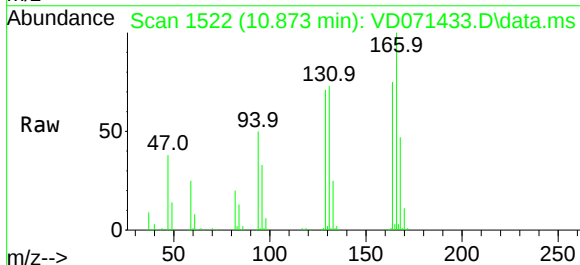
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

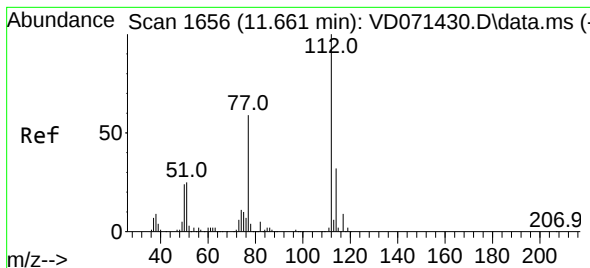
Tgt Ion:117 Resp: 1114434
Ion Ratio Lower Upper
117 100
82 57.2 44.7 67.1
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 23.482 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion:164 Resp: 181854
Ion Ratio Lower Upper
164 100
166 133.4 102.6 153.8
129 94.2 75.4 113.0
131 98.0 70.6 106.0

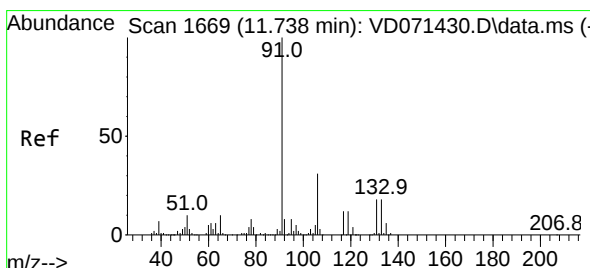
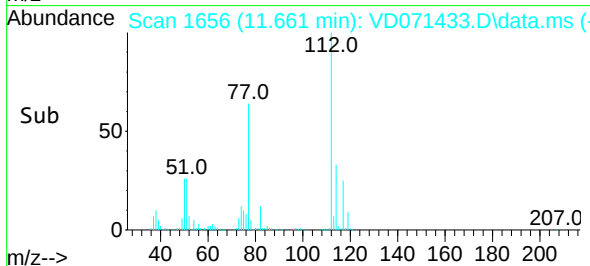
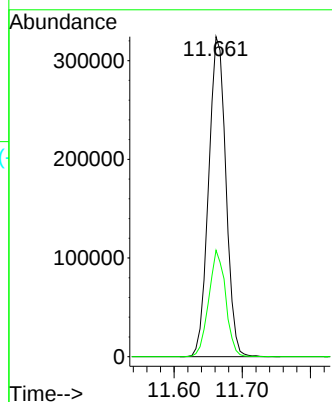
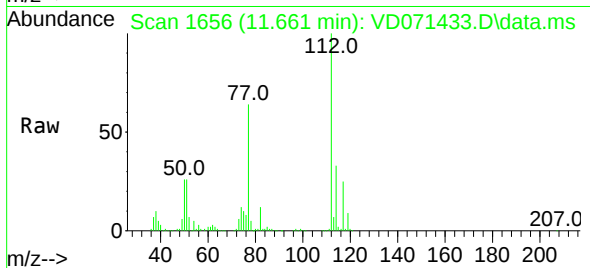




#65
Chlorobenzene
Concen: 25.011 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

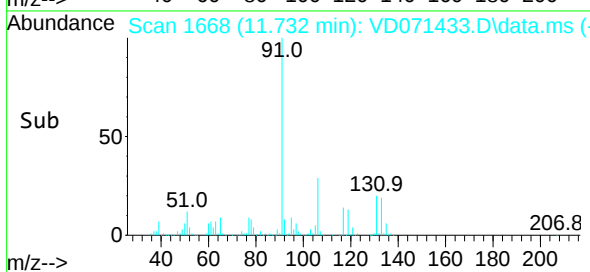
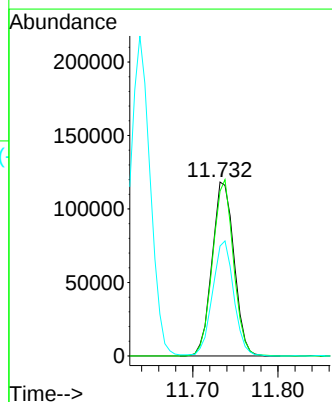
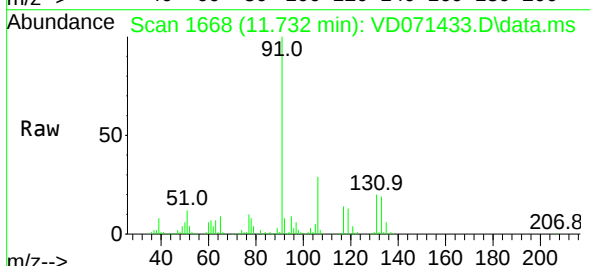
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

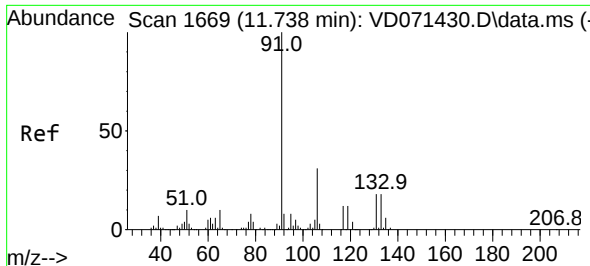
Tgt Ion:112 Resp: 571735
Ion Ratio Lower Upper
112 100
114 33.3 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 25.418 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion:131 Resp: 212266
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 63.9 33.5 100.4

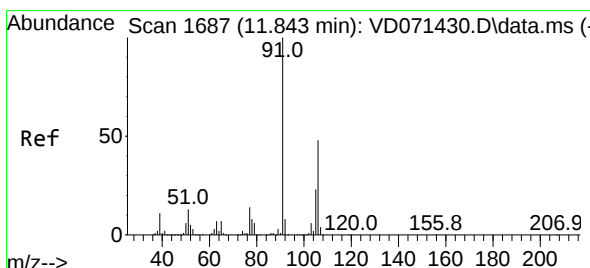
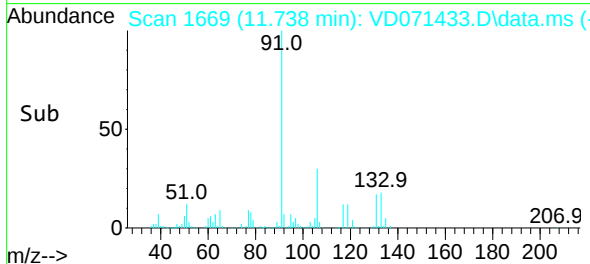
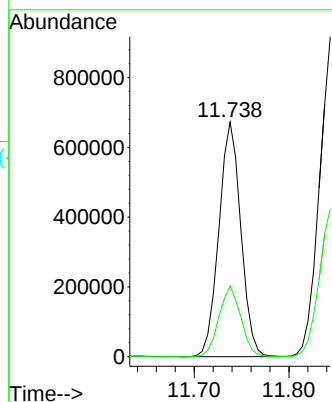
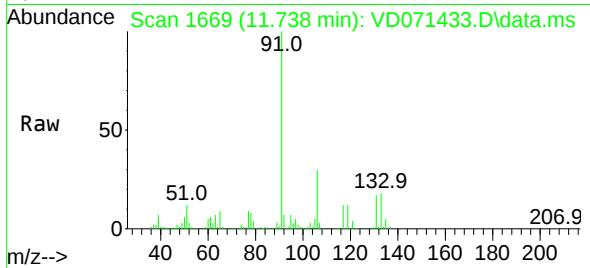




#67
Ethyl Benzene
Concen: 25.428 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

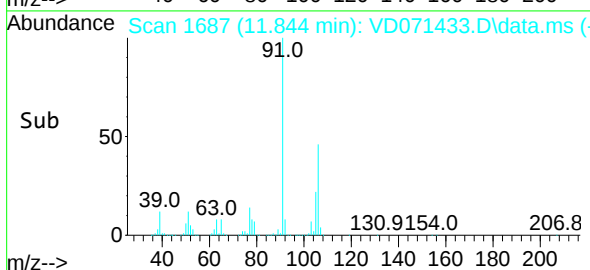
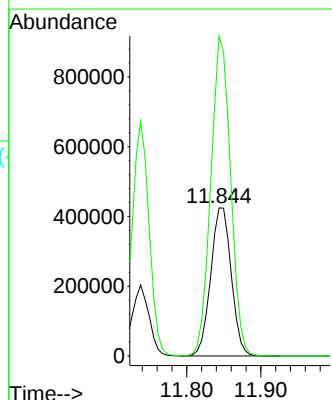
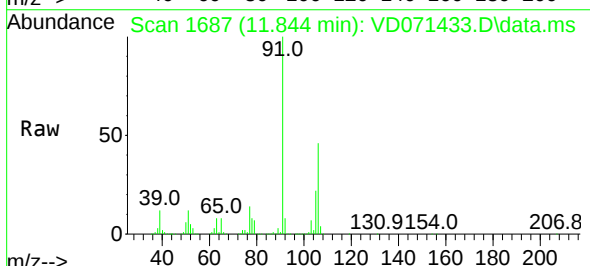
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

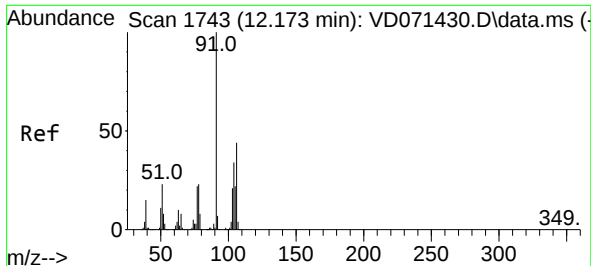
Tgt Ion: 91 Resp: 1081760
Ion Ratio Lower Upper
91 100
106 30.2 24.6 36.8



#68
m/p-Xylenes
Concen: 50.589 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 106 Resp: 817666
Ion Ratio Lower Upper
106 100
91 208.1 160.1 240.1

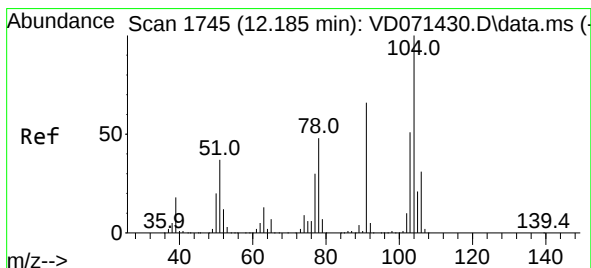
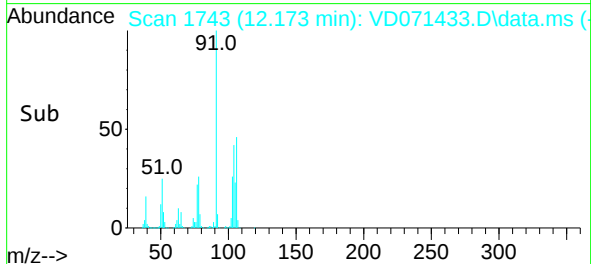
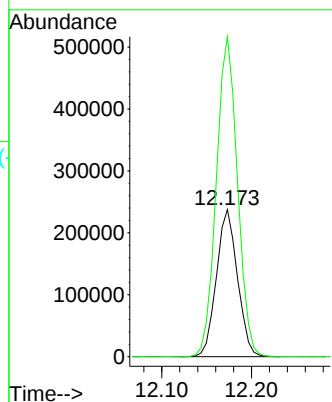
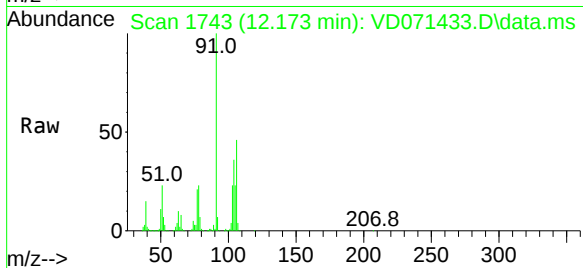




#69
o-Xylene
Concen: 26.132 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

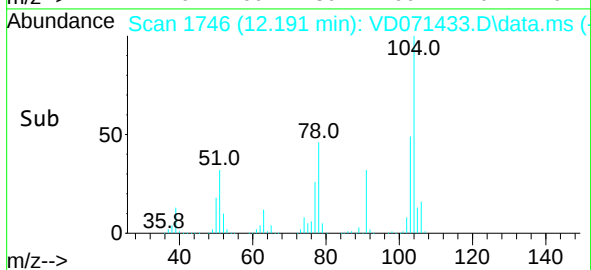
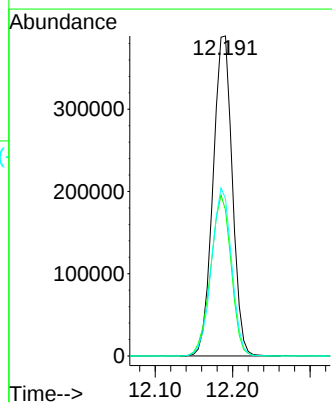
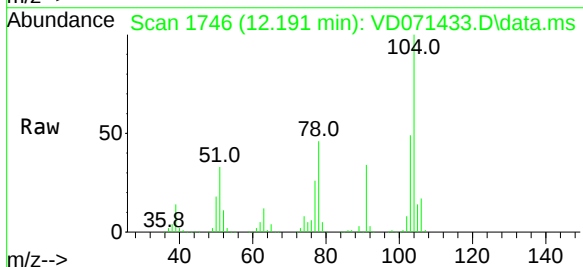
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

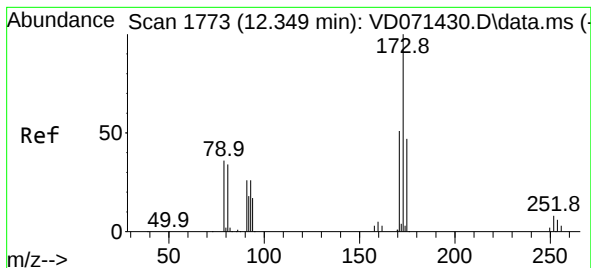
Tgt Ion:106 Resp: 386080
Ion Ratio Lower Upper
106 100
91 219.0 106.3 319.0



#70
Styrene
Concen: 26.257 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion:104 Resp: 673905
Ion Ratio Lower Upper
104 100
78 53.1 39.4 59.0
103 54.7 43.4 65.0





#71

Bromoform

Concen: 26.787 ug/l

RT: 12.355 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

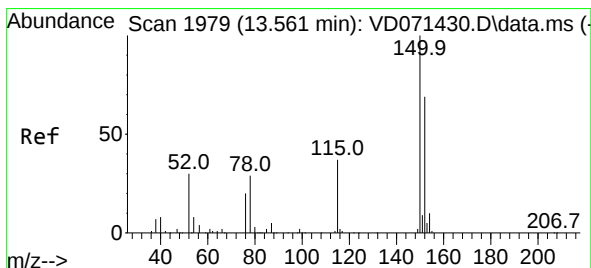
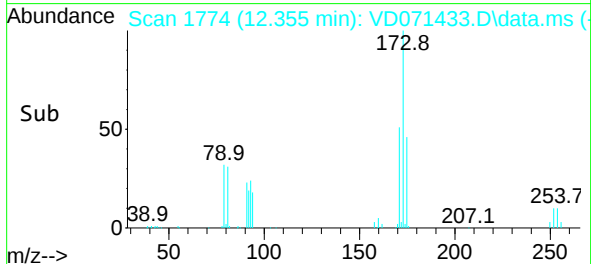
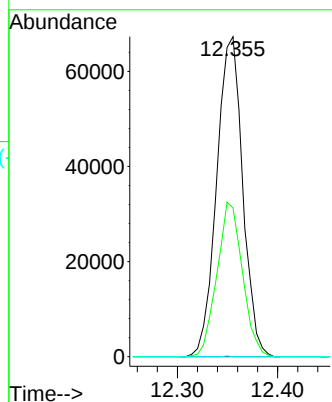
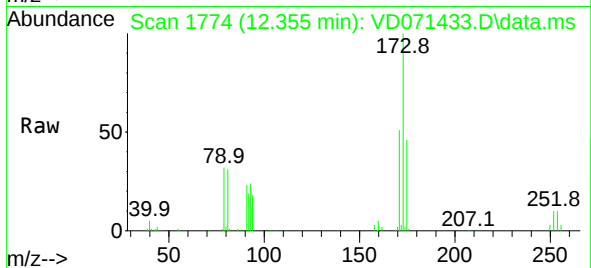
Tgt Ion:173 Resp: 121050

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

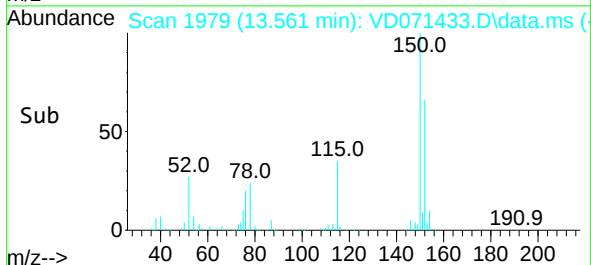
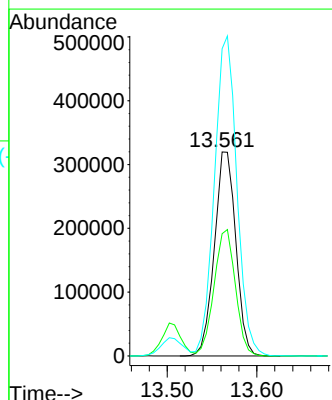
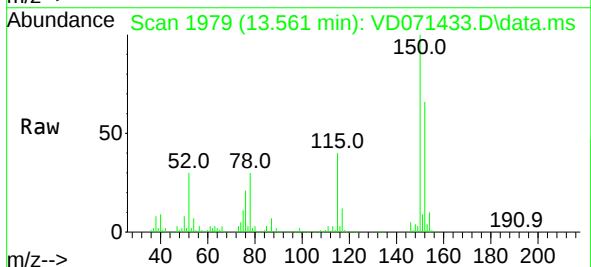
Tgt Ion:152 Resp: 531147

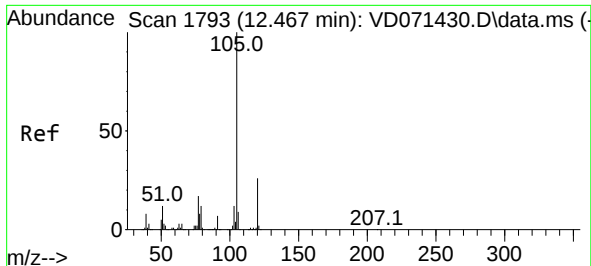
Ion Ratio Lower Upper

152 100

115 61.6 29.8 89.3

150 164.5 0.0 349.2

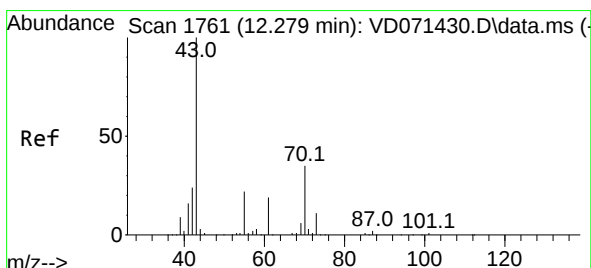
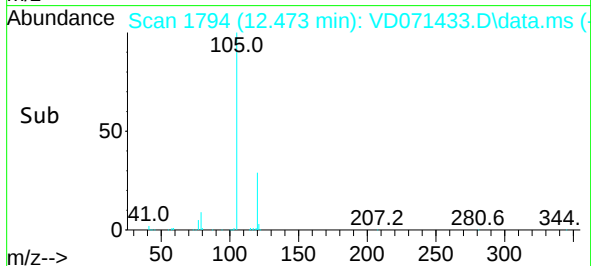
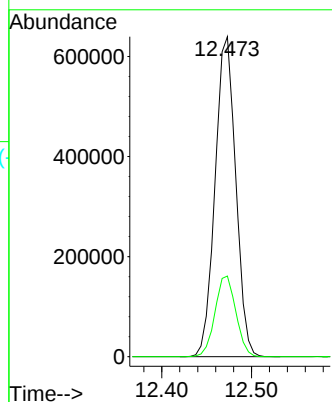
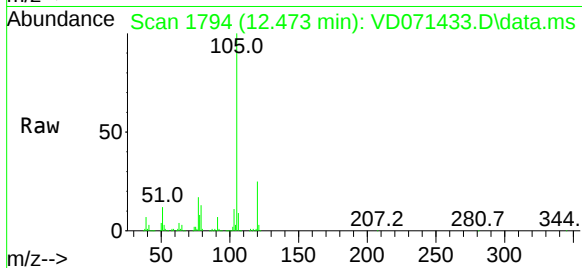




#73
Isopropylbenzene
Concen: 24.937 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

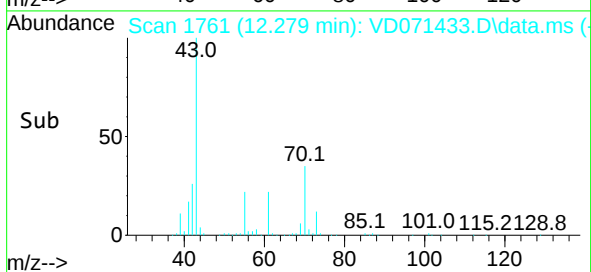
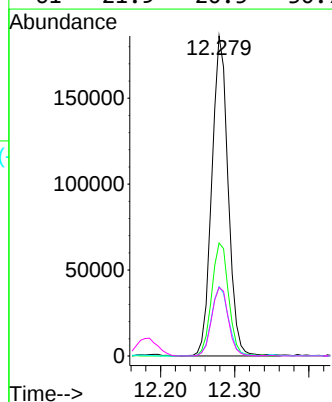
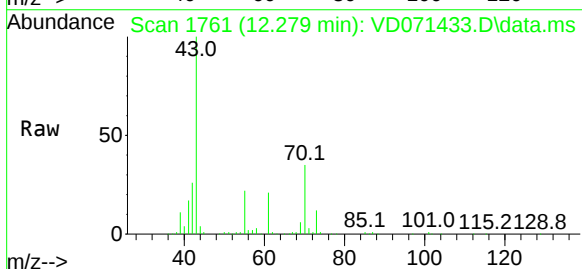
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

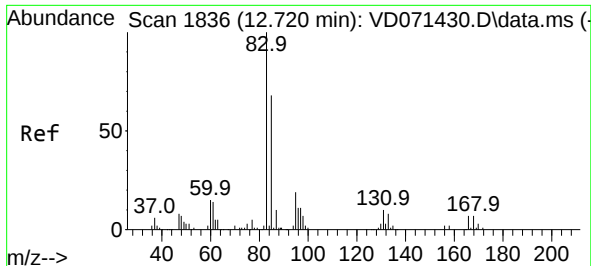
Tgt Ion:105 Resp: 1021154
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5



#74
N-ethyl acetate
Concen: 25.914 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 43 Resp: 284701
Ion Ratio Lower Upper
43 100
70 36.7 36.6 55.0
55 22.7 22.5 33.7
61 21.9 20.5 30.7

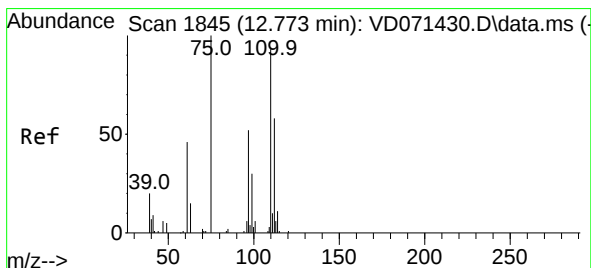
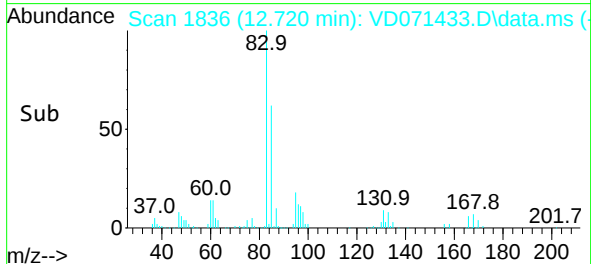
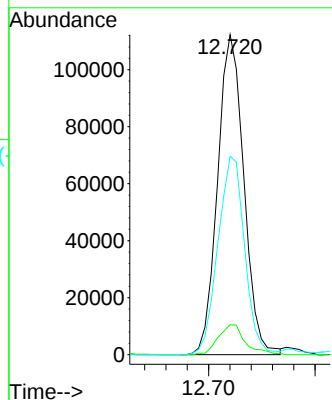
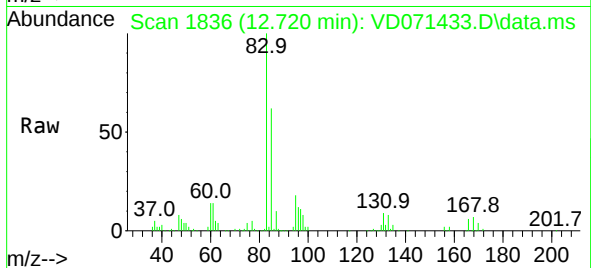




#75
1,1,2,2-Tetrachloroethane
Concen: 25.918 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

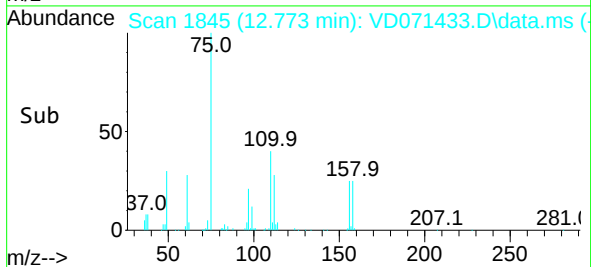
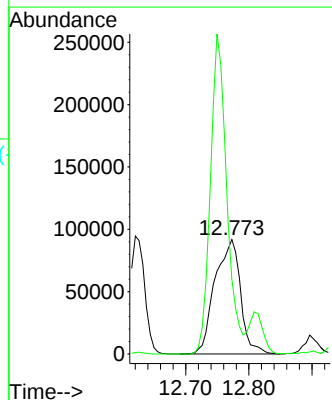
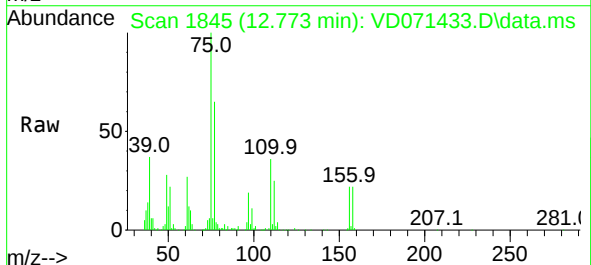
Instrument : MSVOA_D
ClientSampleId : ICVVD122221

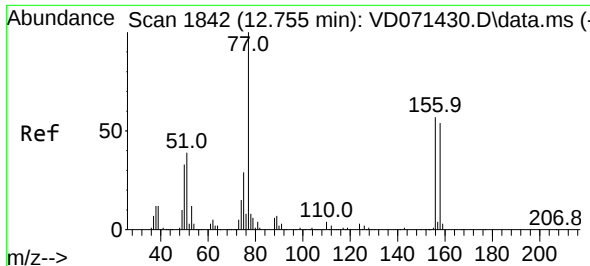
Tgt Ion: 83 Resp: 191878
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 63.2 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 40.836 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 75 Resp: 257716
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

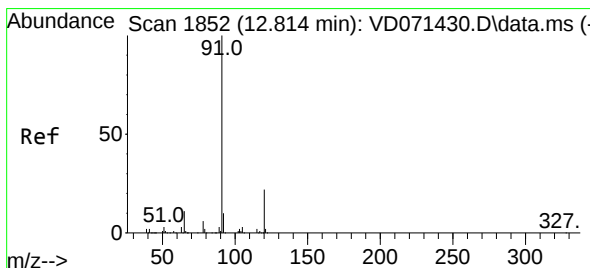
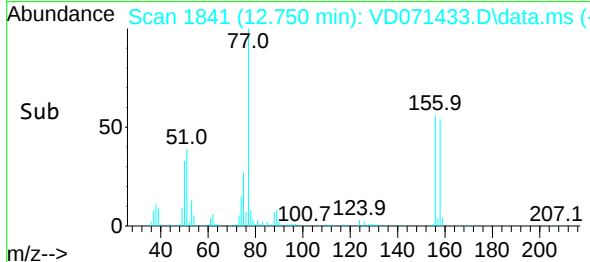
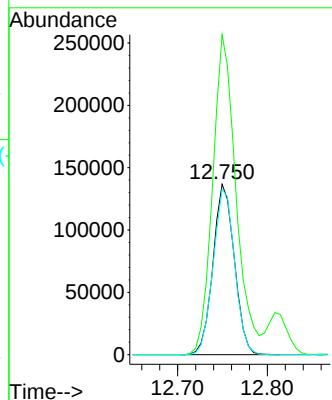
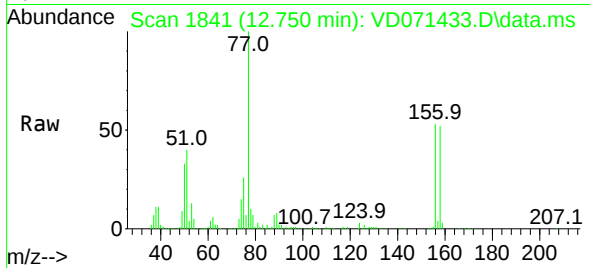




#77
Bromobenzene
Concen: 24.744 ug/l
RT: 12.750 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

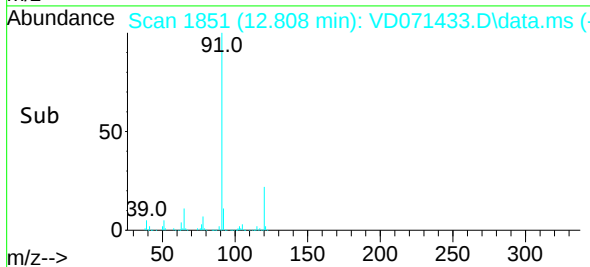
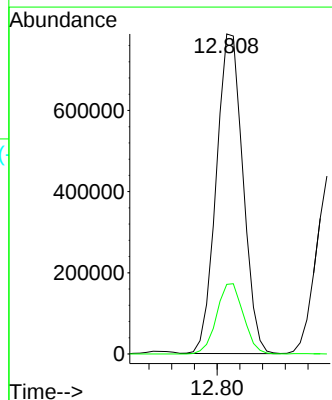
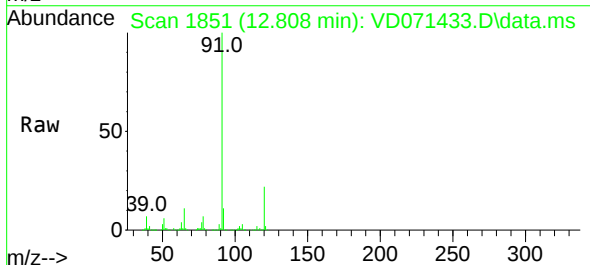
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

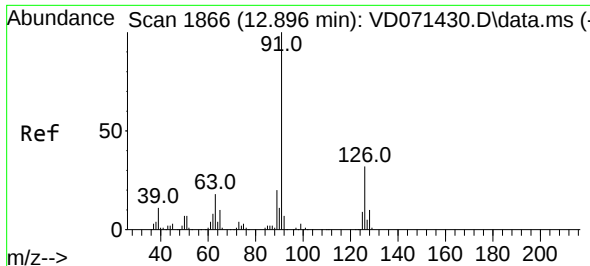
Tgt Ion:156 Resp: 225467
Ion Ratio Lower Upper
156 100
77 204.9 96.6 289.8
158 97.8 49.1 147.4



#78
n-propylbenzene
Concen: 25.024 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 91 Resp: 1284418
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

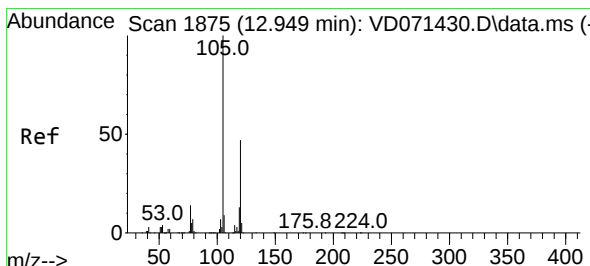
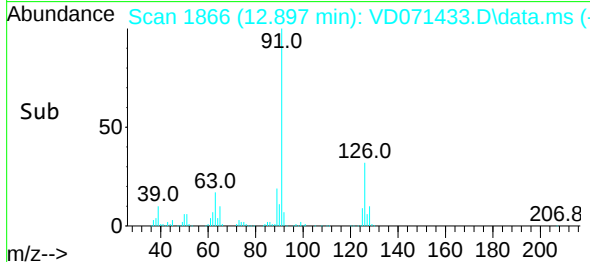
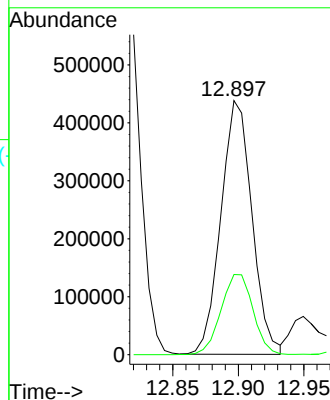
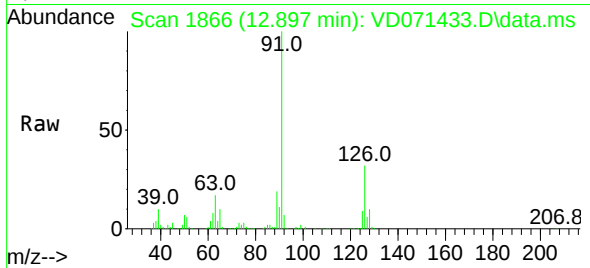




#79
2-Chlorotoluene
Concen: 25.170 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

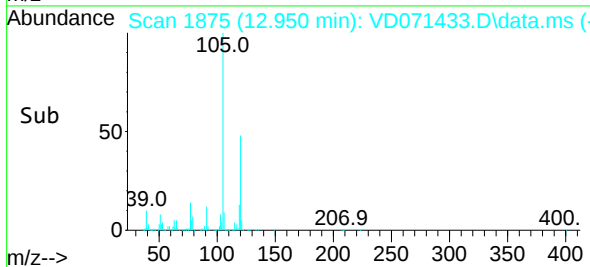
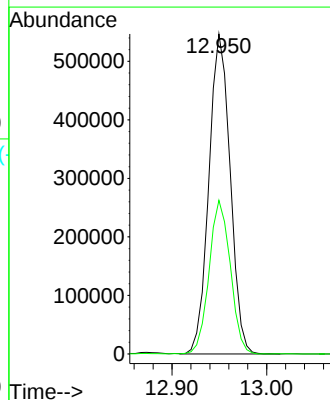
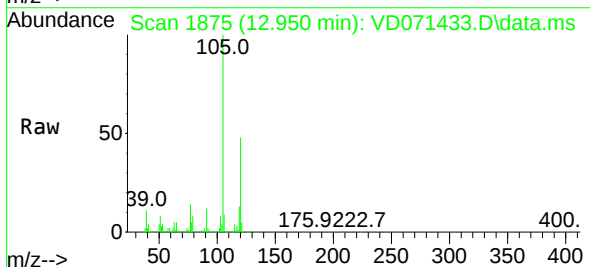
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

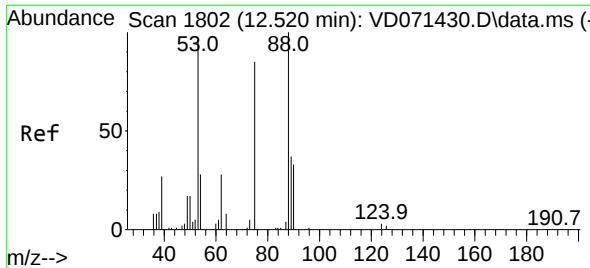
Tgt Ion: 91 Resp: 721991
Ion Ratio Lower Upper
91 100
126 32.6 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 25.289 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 105 Resp: 854158
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.8

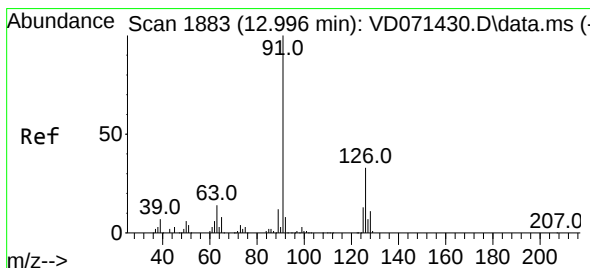
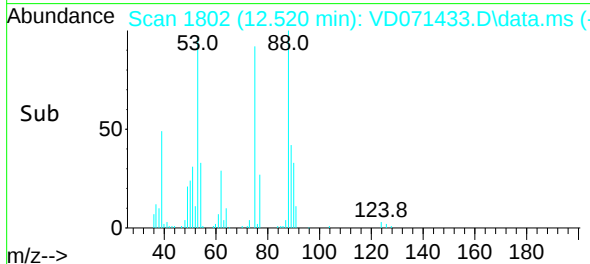
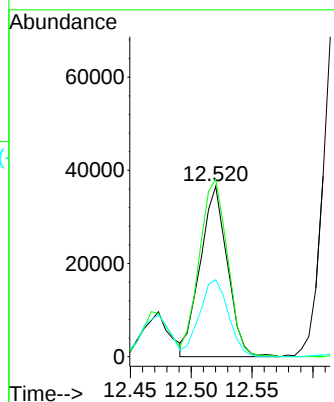
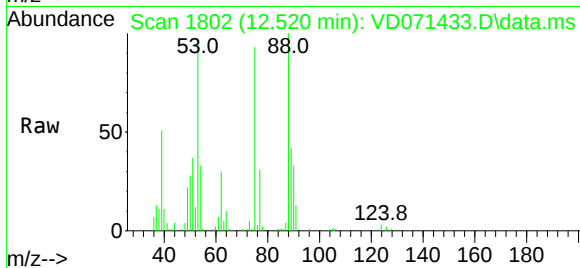




#81
trans-1,4-Dichloro-2-butene
Concen: 25.420 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

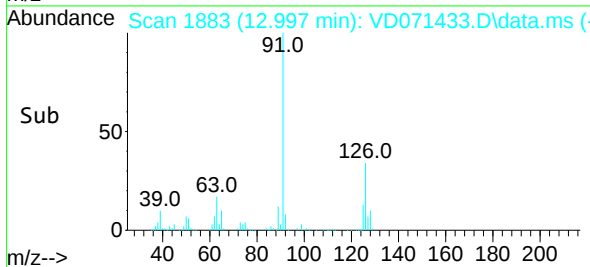
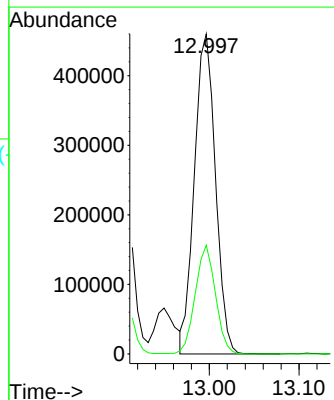
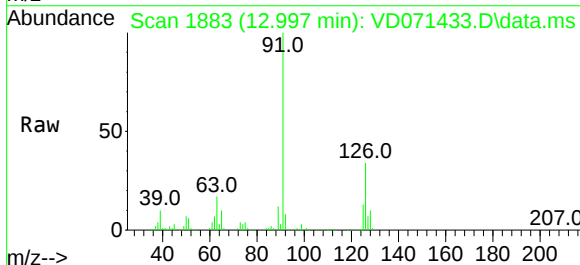
Instrument : MSVOA_D
ClientSampleId : ICVVD122221

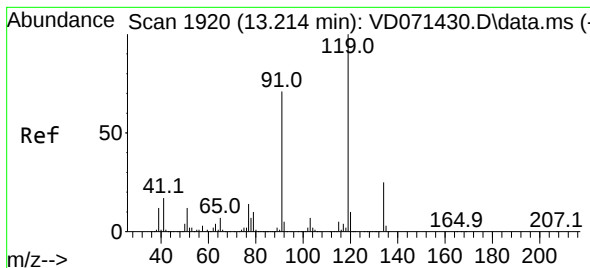
Tgt Ion: 75 Resp: 56778
Ion Ratio Lower Upper
75 100
53 108.4 62.6 94.0#
89 48.1 34.5 51.7



#82
4-Chlorotoluene
Concen: 25.171 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 91 Resp: 748929
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1





#83

tert-Butylbenzene

Concen: 25.138 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

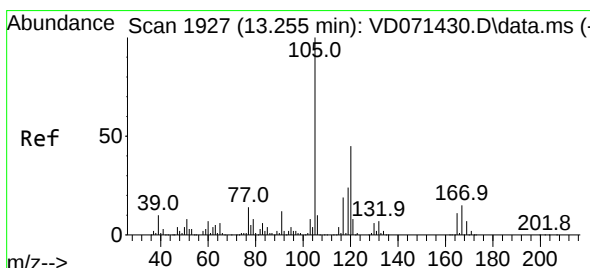
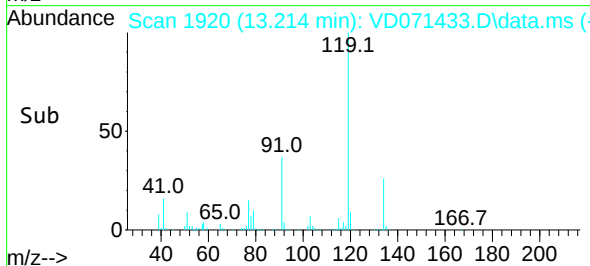
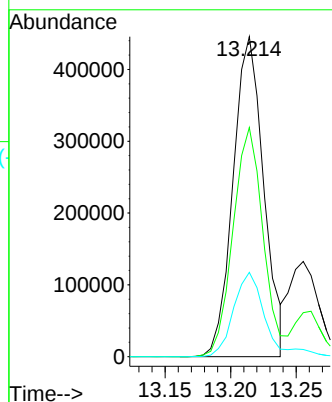
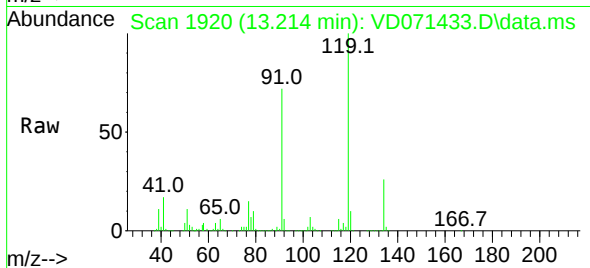
Tgt Ion:119 Resp: 725515

Ion Ratio Lower Upper

119 100

91 70.9 32.5 97.5

134 27.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 25.887 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD071433.D

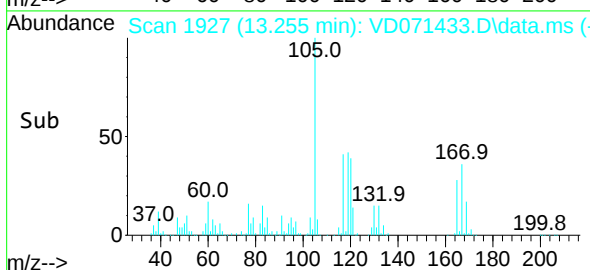
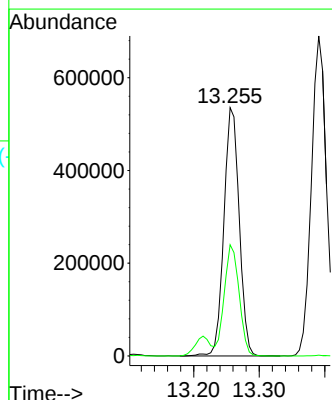
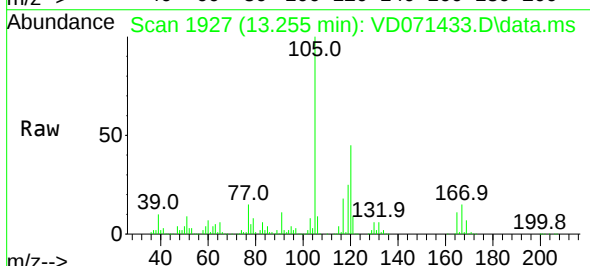
Acq: 22 Dec 2021 22:08

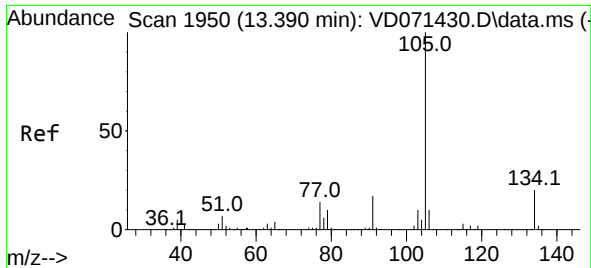
Tgt Ion:105 Resp: 865366

Ion Ratio Lower Upper

105 100

120 43.3 22.9 68.7

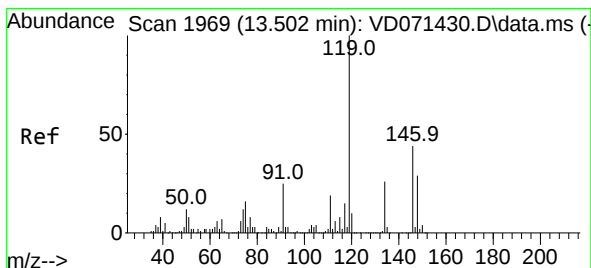
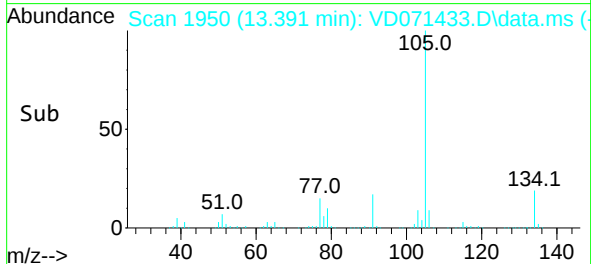
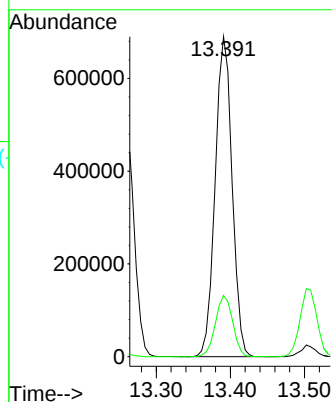
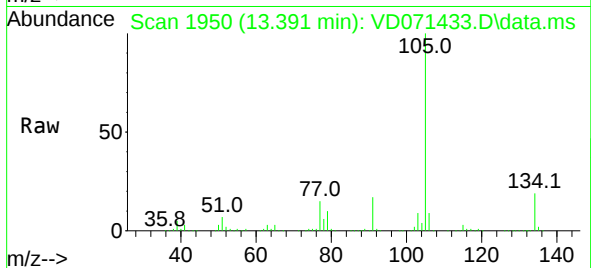




#85
 sec-Butylbenzene
 Concen: 24.851 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071433.D
 Acq: 22 Dec 2021 22:08

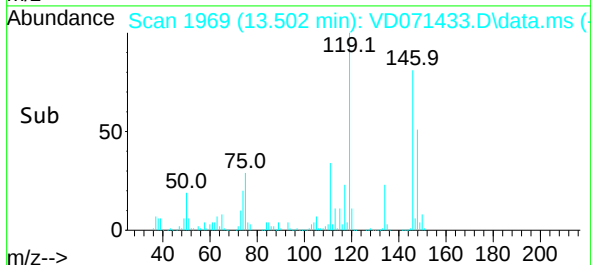
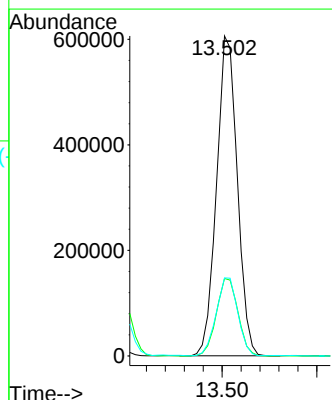
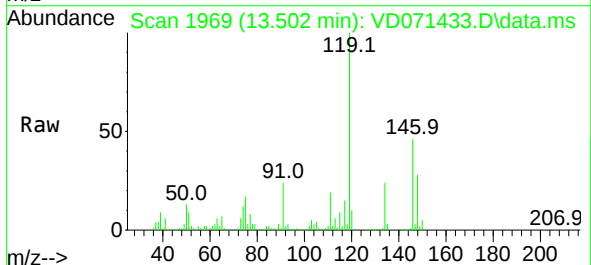
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122221

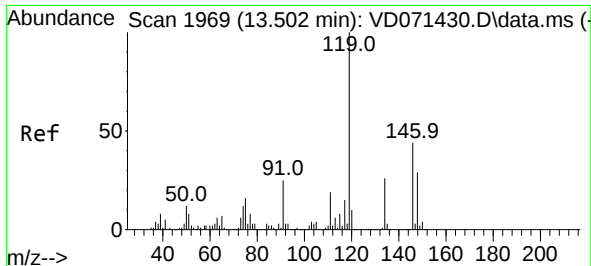
Tgt Ion:105 Resp: 1093445
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 25.260 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071433.D
 Acq: 22 Dec 2021 22:08

Tgt Ion:119 Resp: 922208
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 38.9
 91 25.3 11.4 34.2

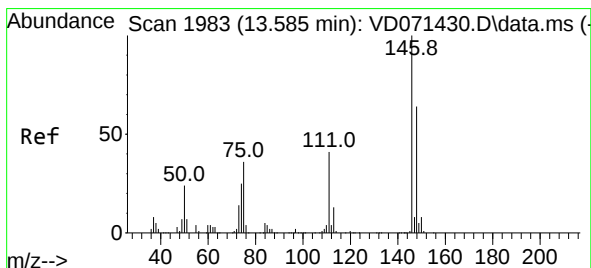
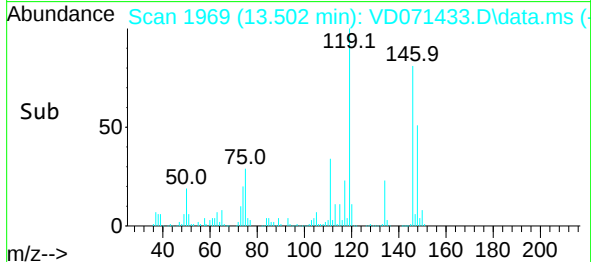
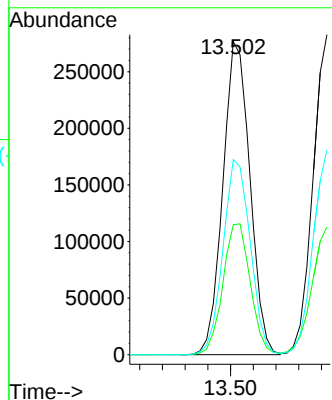
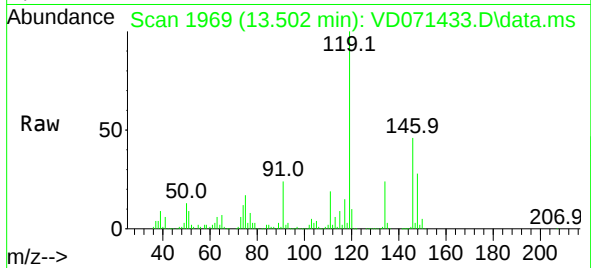




#87
 1,3-Dichlorobenzene
 Concen: 24.931 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071433.D
 Acq: 22 Dec 2021 22:08

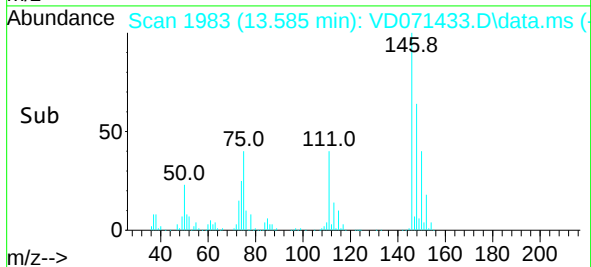
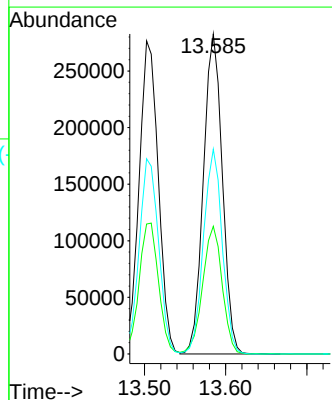
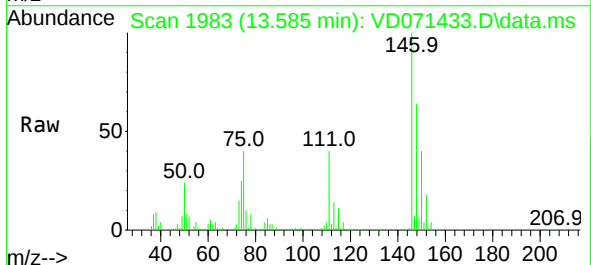
Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD122221

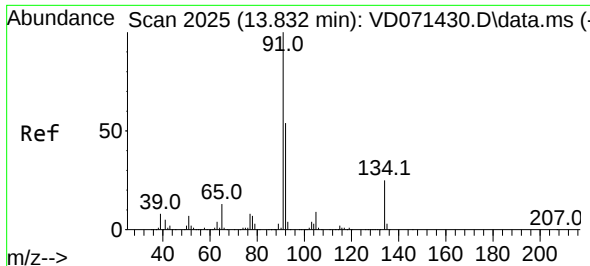
Tgt Ion:146 Resp: 457510
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.8 59.4
 148 63.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 25.384 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD071433.D
 Acq: 22 Dec 2021 22:08

Tgt Ion:146 Resp: 456759
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.6 58.8
 148 63.6 31.5 94.5

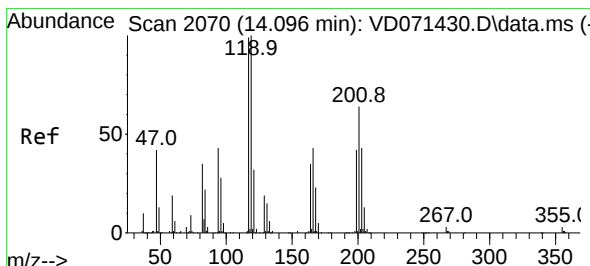
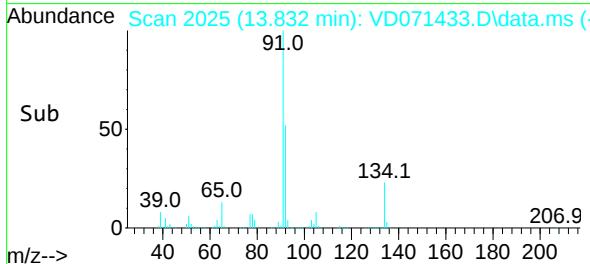
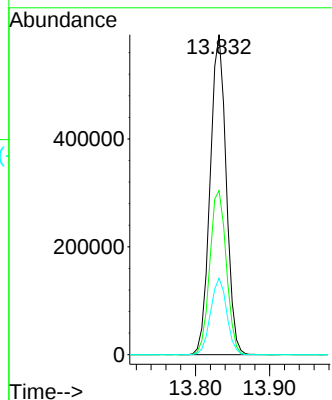
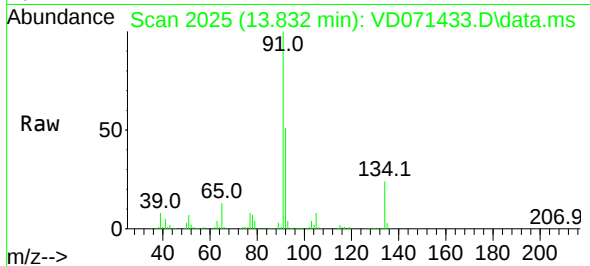




#89
n-Butylbenzene
Concen: 24.893 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

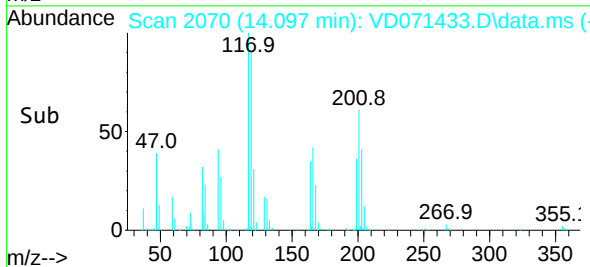
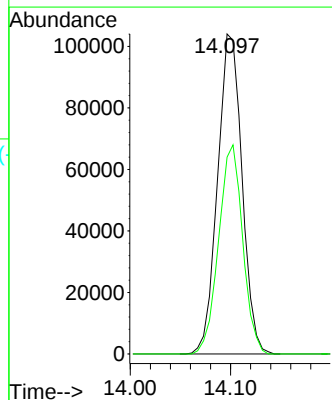
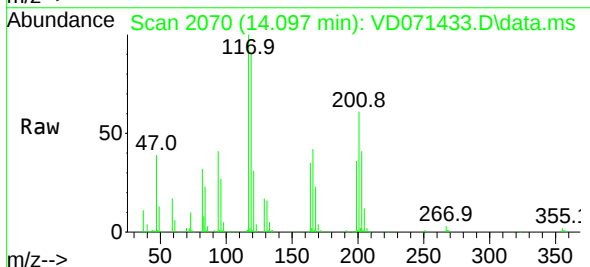
Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

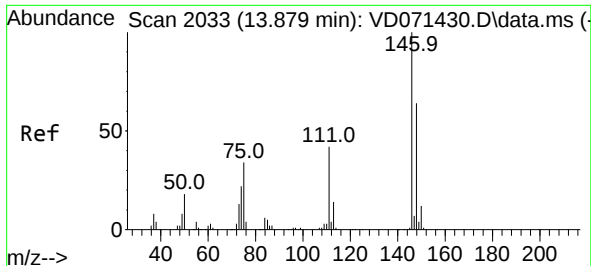
Tgt Ion: 91 Resp: 891999
Ion Ratio Lower Upper
91 100
92 52.9 27.3 81.9
134 24.1 12.3 36.9



#90
Hexachloroethane
Concen: 25.454 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.001 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion: 117 Resp: 176038
Ion Ratio Lower Upper
117 100
201 64.3 36.0 108.1





#91

1,2-Dichlorobenzene

Concen: 25.345 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

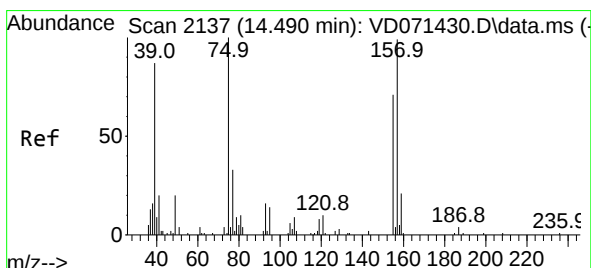
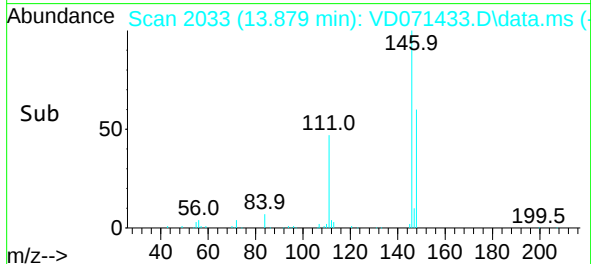
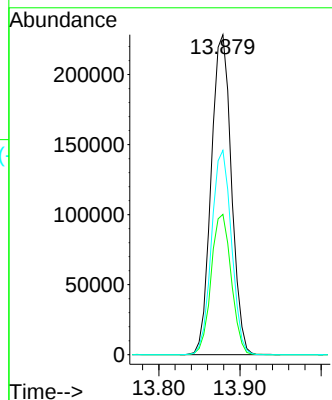
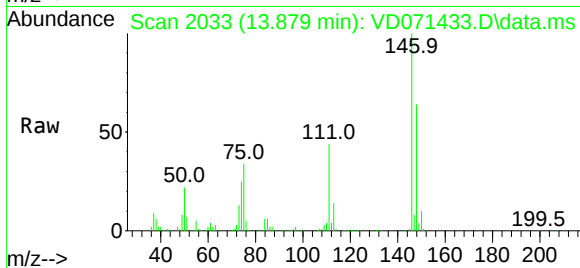
Tgt Ion:146 Resp: 394725

Ion Ratio Lower Upper

146 100

111 43.8 20.8 62.2

148 63.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 26.106 ug/l

RT: 14.496 min Scan# 2138

Delta R.T. 0.006 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

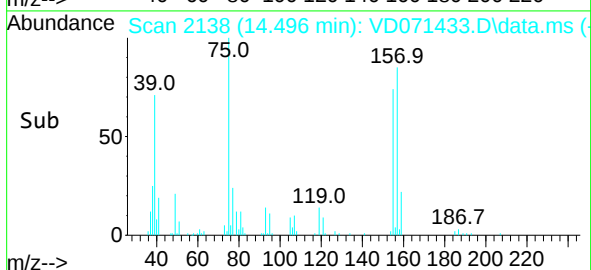
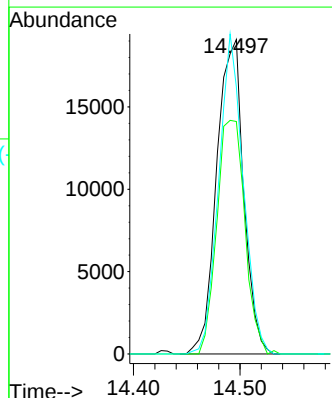
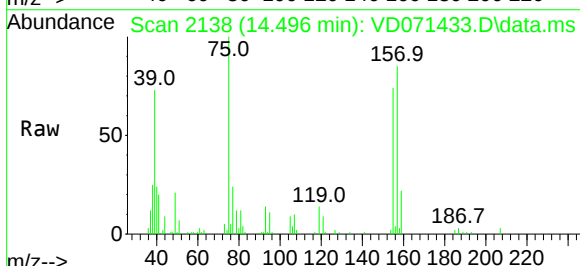
Tgt Ion: 75 Resp: 33517

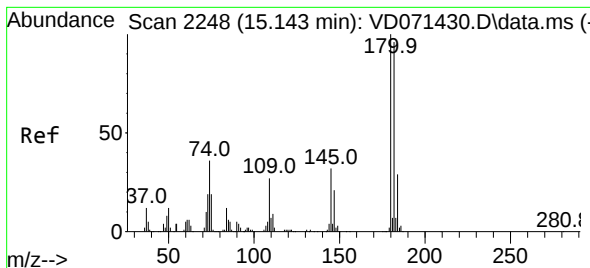
Ion Ratio Lower Upper

75 100

155 77.4 40.0 120.0

157 92.7 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 25.212 ug/l

RT: 15.144 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

Instrument :

MSVOA_D

ClientSampleId :

ICVVD122221

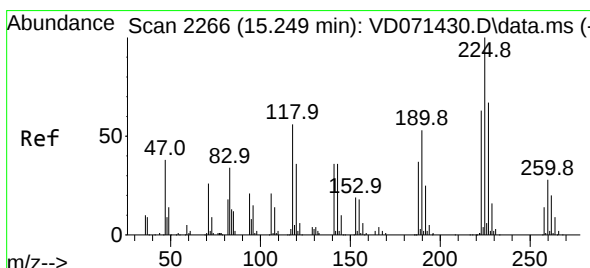
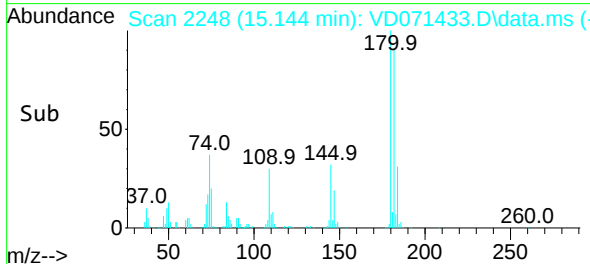
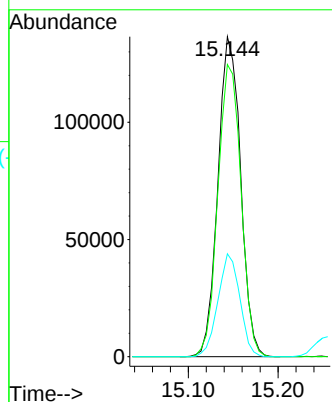
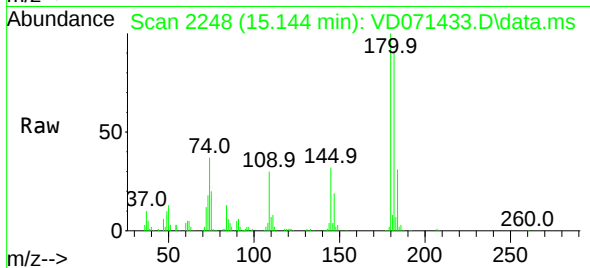
Tgt Ion:180 Resp: 239278

Ion Ratio Lower Upper

180 100

182 93.3 48.2 144.6

145 31.1 15.4 46.2



#94

Hexachlorobutadiene

Concen: 24.058 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD071433.D

Acq: 22 Dec 2021 22:08

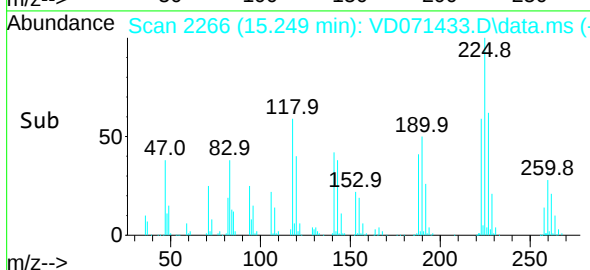
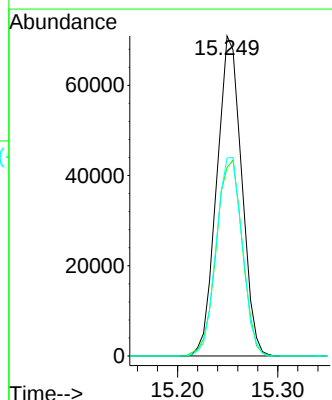
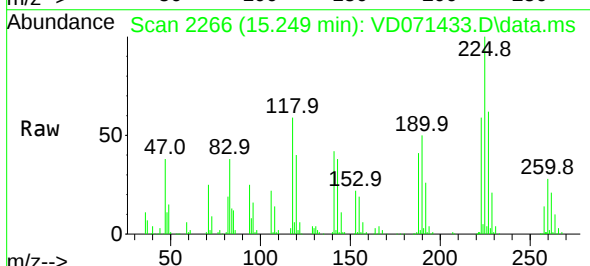
Tgt Ion:225 Resp: 122315

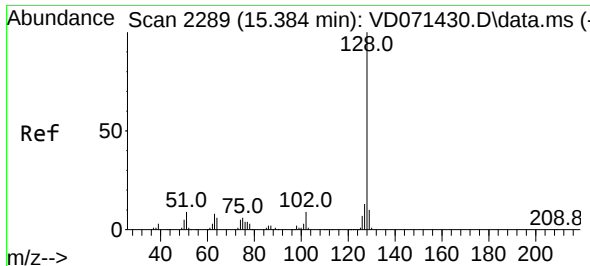
Ion Ratio Lower Upper

225 100

223 64.1 31.8 95.3

227 64.6 31.6 94.8

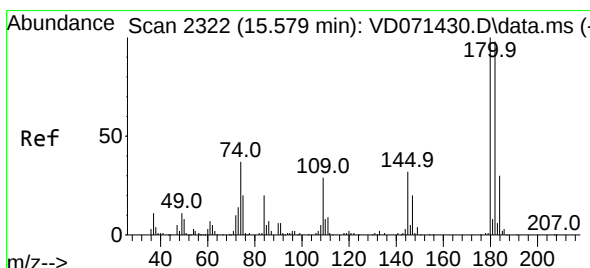
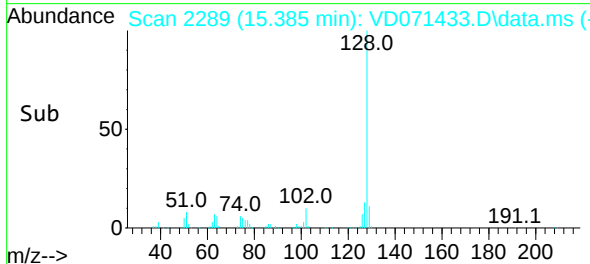
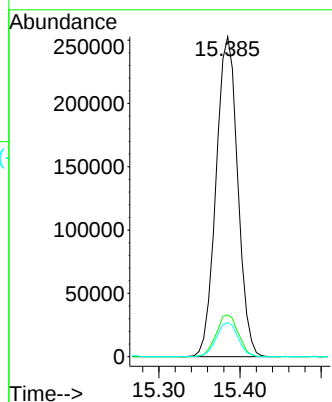
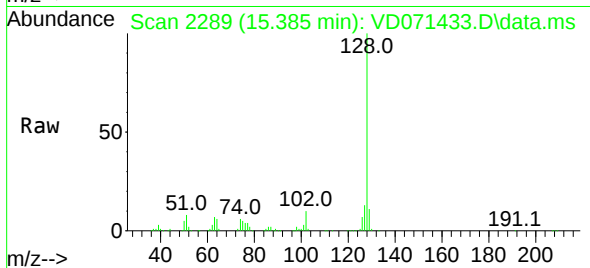




#95
Naphthalene
Concen: 25.927 ug/l
RT: 15.385 min Scan# 211
Delta R.T. 0.006 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Instrument :
MSVOA_D
ClientSampleId :
ICVVD122221

Tgt Ion:128 Resp: 468374
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 25.321 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD071433.D
Acq: 22 Dec 2021 22:08

Tgt Ion:180 Resp: 207859
Ion Ratio Lower Upper
180 100
182 95.5 46.7 140.1
145 34.8 15.9 47.6

