

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071223.D
 Acq On : 09 Dec 2021 12:53
 Operator : VA/SY
 Sample : VD1209SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 06:43:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	237199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	405167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	367109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	174728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	144936	52.074	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.140%	
35) Dibromofluoromethane	7.914	113	136614	52.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.900%	
50) Toluene-d8	10.338	98	483695	49.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.520%	
62) 4-Bromofluorobenzene	12.626	95	169547	49.816	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.640%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	40272	19.909	ug/l	99
3) Chloromethane	2.215	50	57400	21.450	ug/l	92
4) Vinyl Chloride	2.356	62	63072	21.126	ug/l	97
5) Bromomethane	2.767	94	46391	21.555	ug/l	92
6) Chloroethane	2.926	64	45249	22.036	ug/l	98
7) Trichlorofluoromethane	3.279	101	81992	20.273	ug/l	90
8) Diethyl Ether	3.714	74	20453	18.654	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	45399	19.026	ug/l	96
10) Methyl Iodide	4.303	142	40846	17.943	ug/l	96
11) Tert butyl alcohol	5.197	59	29808	133.739	ug/l #	71
12) 1,1-Dichloroethene	4.073	96	40819	18.537	ug/l	88
13) Acrolein	3.914	56	18495	97.240	ug/l	99
14) Allyl chloride	4.714	41	74965	17.923	ug/l #	76
15) Acrylonitrile	5.414	53	51934	97.395	ug/l	97
16) Acetone	4.162	43	53984	94.843	ug/l #	84
17) Carbon Disulfide	4.414	76	120646	18.713	ug/l #	94
18) Methyl Acetate	4.720	43	41644	20.279	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	97334	18.036	ug/l #	90
20) Methylene Chloride	4.967	84	85316	28.588	ug/l	89
21) trans-1,2-Dichloroethene	5.479	96	45785	18.471	ug/l	91
22) Diisopropyl ether	6.361	45	156893	18.722	ug/l #	86
23) Vinyl Acetate	6.303	43	352798	96.594	ug/l	97
24) 1,1-Dichloroethane	6.267	63	95778	19.871	ug/l	98
25) 2-Butanone	7.208	43	67188	98.143	ug/l	93
26) 2,2-Dichloropropane	7.208	77	76898	17.545	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	55690	19.859	ug/l	95
28) Bromochloromethane	7.544	49	48708	23.266	ug/l	93
29) Tetrahydrofuran	7.555	42	41372	93.612	ug/l	95
30) Chloroform	7.708	83	93408	19.310	ug/l	93
31) Cyclohexane	7.985	56	87647	18.513	ug/l #	90
32) 1,1,1-Trichloroethane	7.897	97	80476	18.530	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	72491	19.143	ug/l	98
37) Ethyl Acetate	7.285	43	31353	19.167	ug/l	94
38) Carbon Tetrachloride	8.091	117	70057	18.768	ug/l	97
39) Methylcyclohexane	9.349	83	78924	17.328	ug/l	95
40) Benzene	8.350	78	196840	19.137	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	17760	24.221	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	60543	19.283	ug/l	93
43) Isopropyl Acetate	8.450	43	58937	19.887	ug/l #	89
44) Trichloroethene	9.108	130	51454	18.761	ug/l	93
45) 1,2-Dichloropropane	9.385	63	49828	18.420	ug/l	98
46) Dibromomethane	9.467	93	26140	18.626	ug/l	93
47) Bromodichloromethane	9.655	83	70390	18.965	ug/l	97
48) Methyl methacrylate	9.455	41	26743	16.702	ug/l #	79
49) 1,4-Dioxane	9.461	88	5659	417.719	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	147075	100.611	ug/l	91
52) Toluene	10.396	92	124661	19.101	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	59685	17.491	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	73003	18.010	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	34103	18.523	ug/l	94
56) Ethyl methacrylate	10.655	69	40194	19.325	ug/l #	70
57) 1,3-Dichloropropane	10.938	76	60850	18.814	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	135946	108.512	ug/l	99
59) 2-Hexanone	10.979	43	101935	97.773	ug/l	86
60) Dibromochloromethane	11.132	129	42837	18.721	ug/l	99
61) 1,2-Dibromoethane	11.238	107	32757	18.526	ug/l	99
64) Tetrachloroethene	10.867	164	41752	17.915	ug/l	92
65) Chlorobenzene	11.667	112	126214	18.530	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	46472	18.686	ug/l	97
67) Ethyl Benzene	11.738	91	238514	18.601	ug/l	98
68) m/p-Xylenes	11.849	106	173557	35.851	ug/l	96
69) o-Xylene	12.173	106	80494	17.691	ug/l	95
70) Styrene	12.190	104	140694	18.347	ug/l	97
71) Bromoform	12.355	173	24362	18.908	ug/l #	99
73) Isopropylbenzene	12.473	105	220129	17.399	ug/l	98
74) N-amyl acetate	12.279	43	50989	18.743	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	39824	19.114	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	49646	29.822	ug/l	41
77) Bromobenzene	12.755	156	47156	17.208	ug/l	93
78) n-propylbenzene	12.814	91	276361	17.540	ug/l	99
79) 2-Chlorotoluene	12.902	91	156832	17.735	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	184903	17.723	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	9804	17.957	ug/l #	63
82) 4-Chlorotoluene	12.996	91	162730	17.726	ug/l	98
83) tert-Butylbenzene	13.214	119	152852	17.060	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	178591	17.534	ug/l	99
85) sec-Butylbenzene	13.390	105	240876	17.602	ug/l	98
86) p-Isopropyltoluene	13.508	119	188536	16.845	ug/l	96
87) 1,3-Dichlorobenzene	13.508	146	96832	17.751	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	99036	18.324	ug/l	98
89) n-Butylbenzene	13.832	91	187071	17.121	ug/l	97
90) Hexachloroethane	14.096	117	38774	18.275	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	85572	18.446	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	5637	16.614	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	48747	16.846	ug/l	99
94) Hexachlorobutadiene	15.255	225	27103	16.554	ug/l	98
95) Naphthalene	15.384	128	85515	16.764	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	40548	16.498	ug/l	97

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Dec 10 06:43:11 2021
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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration

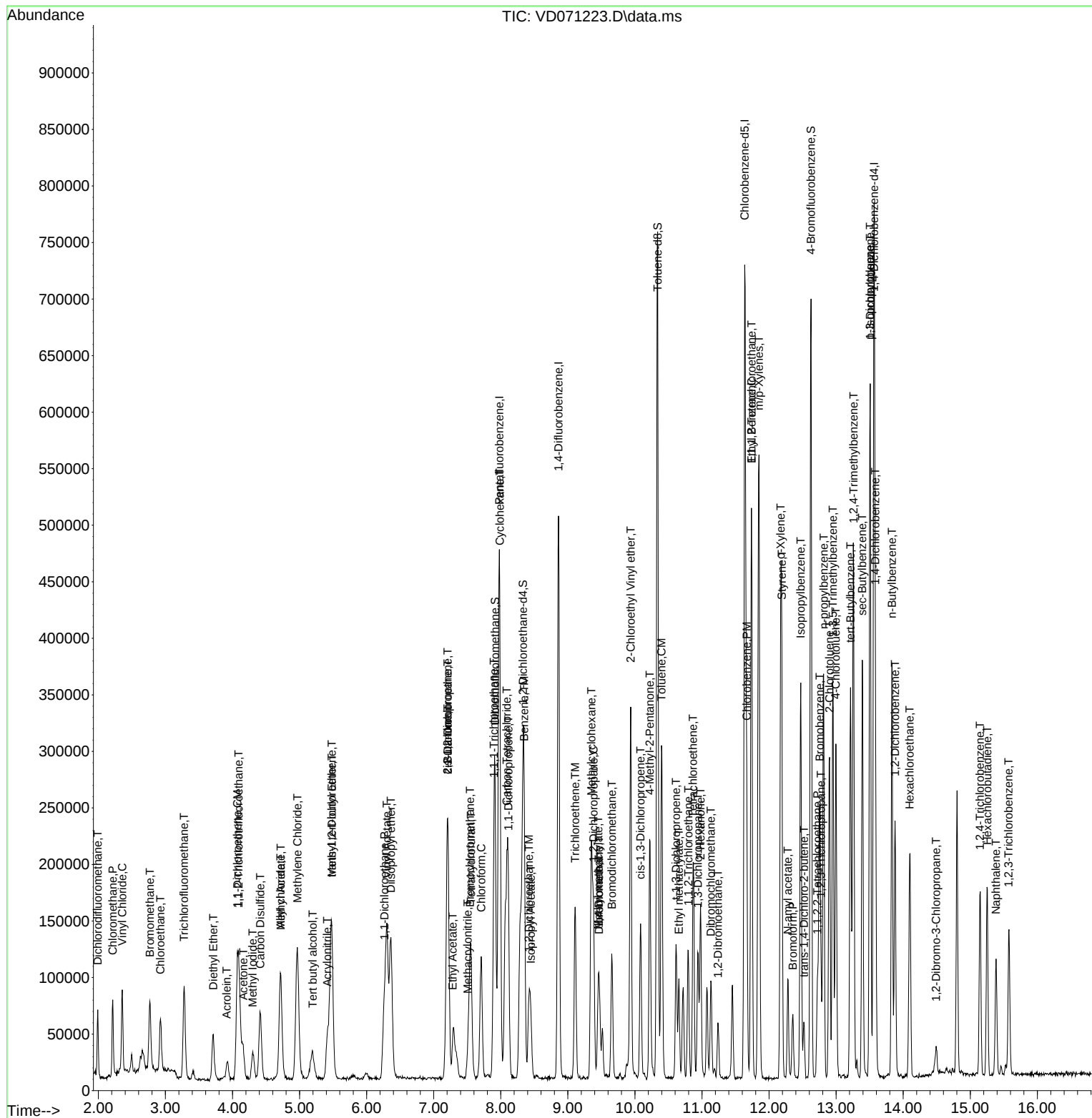
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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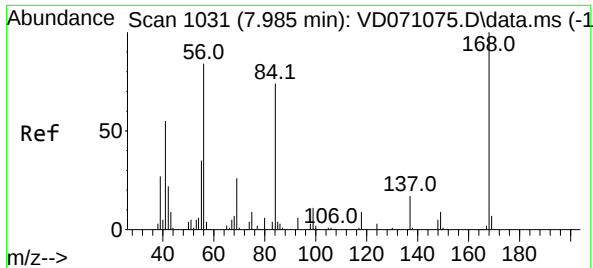
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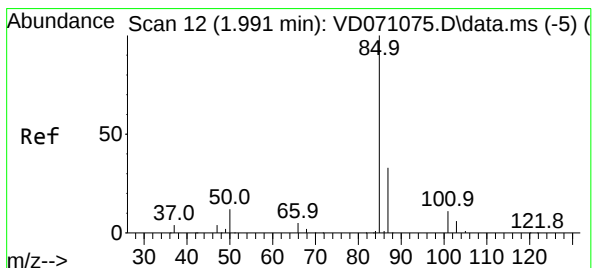
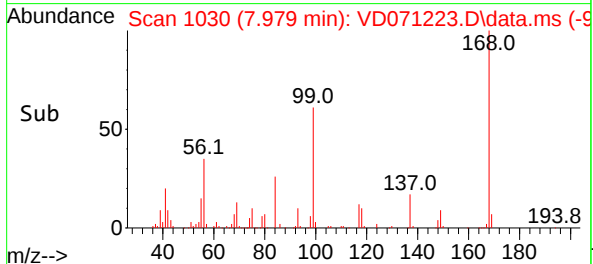
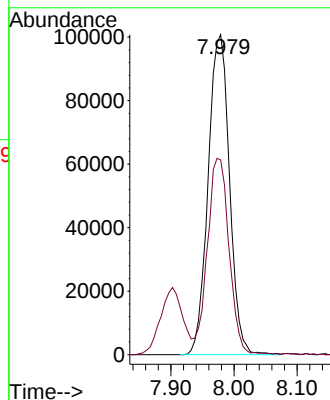
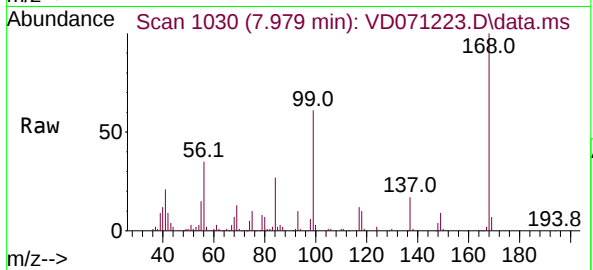




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071223.D
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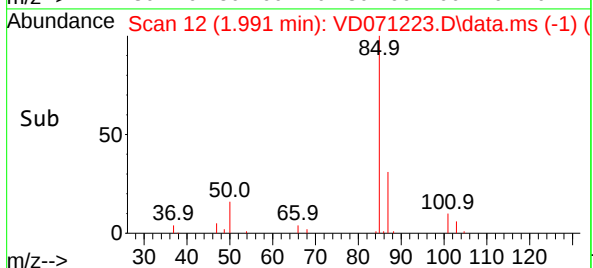
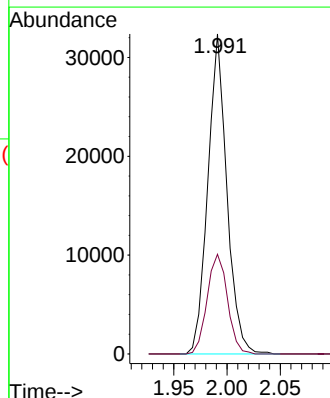
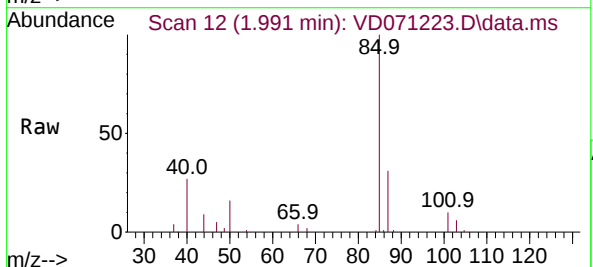
Instrument :
MSVOA_D
ClientSampleId :

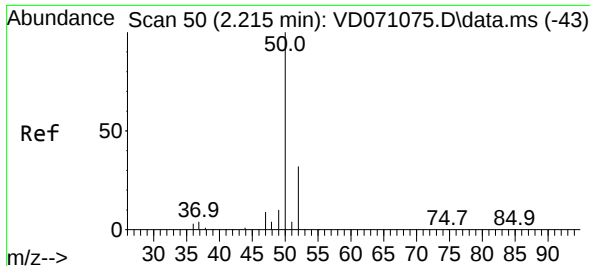
Tgt Ion:168 Resp: 237199
Ion Ratio Lower Upper
168 100
99 60.9 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 19.909 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 85 Resp: 40272
Ion Ratio Lower Upper
85 100
87 31.2 15.2 45.6

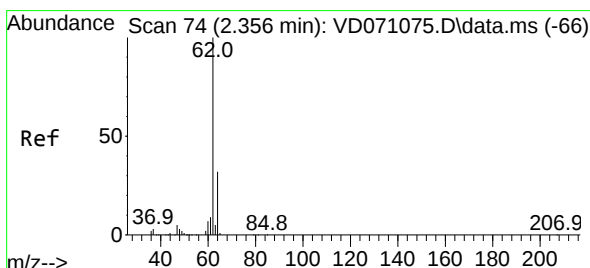
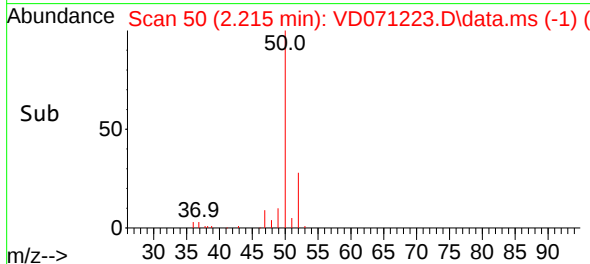
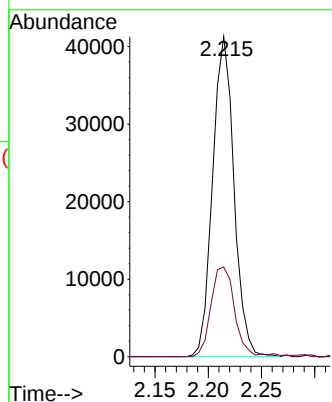
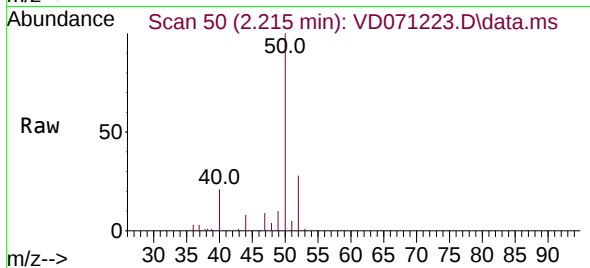




#3
Chloromethane
Concen: 21.450 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

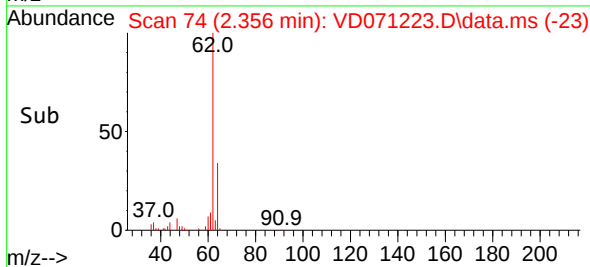
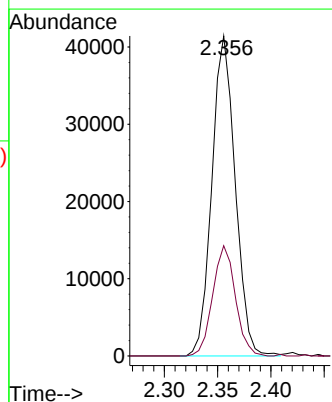
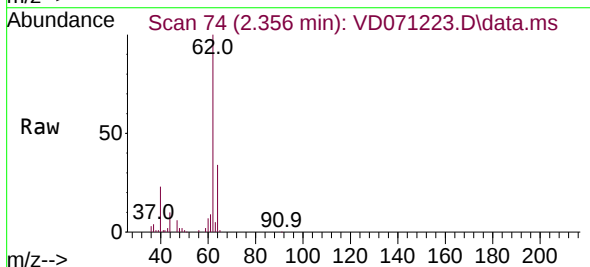
Instrument :
MSVOA_D
ClientSampleId :

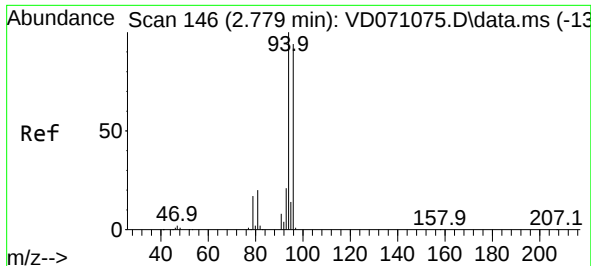
Tgt Ion: 50 Resp: 57400
Ion Ratio Lower Upper
50 100
52 28.0 25.8 38.8



#4
Vinyl Chloride
Concen: 21.126 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

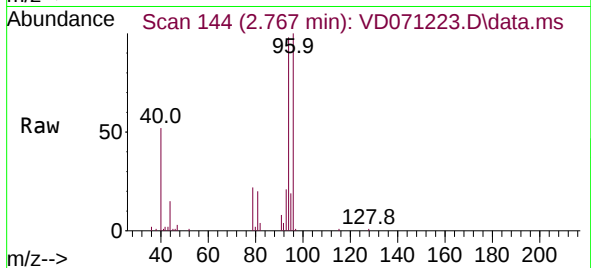
Tgt Ion: 62 Resp: 63072
Ion Ratio Lower Upper
62 100
64 34.5 26.0 39.0



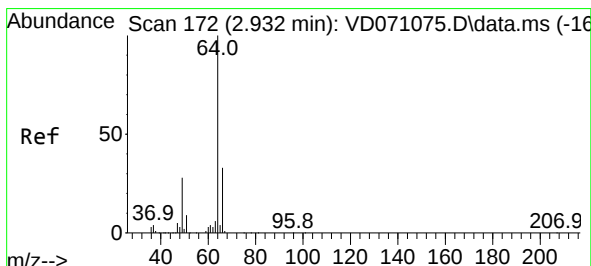
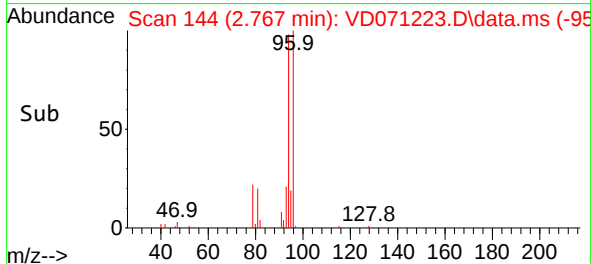
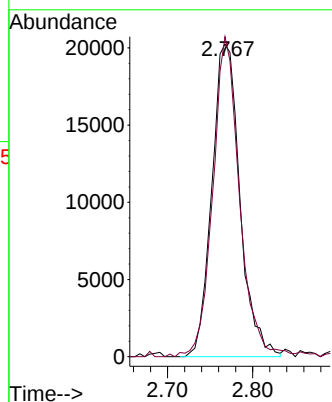


#5
Bromomethane
Concen: 21.555 ug/l
RT: 2.767 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

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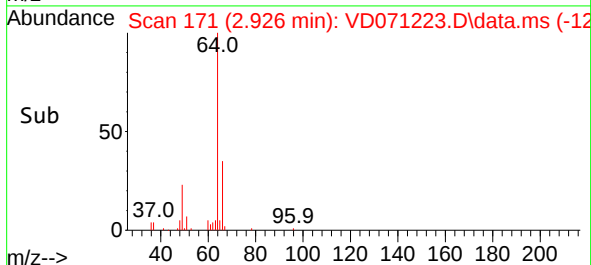
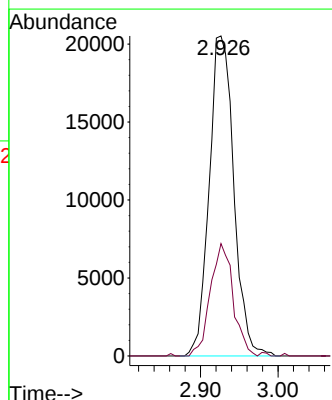
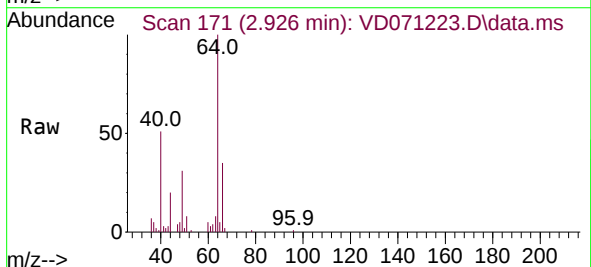


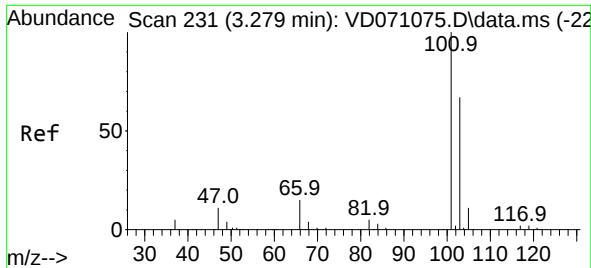
Tgt Ion: 94 Resp: 46391
Ion Ratio Lower Upper
94 100
96 101.0 74.8 112.2



#6
Chloroethane
Concen: 22.036 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 64 Resp: 45249
Ion Ratio Lower Upper
64 100
66 35.1 29.0 43.4

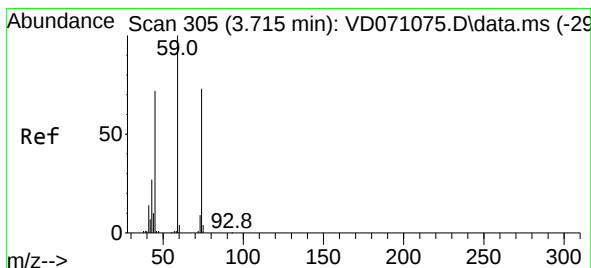
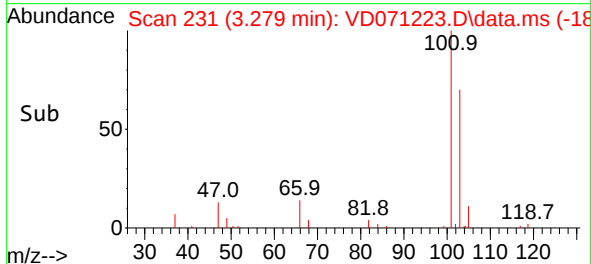
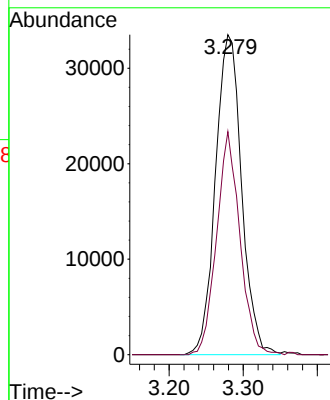
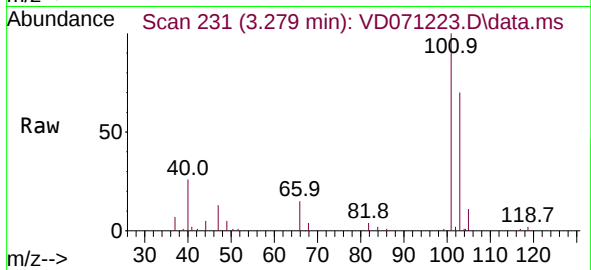




#7
 Trichlorofluoromethane
 Concen: 20.273 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071223.D
 Acq: 09 Dec 2021 12:53

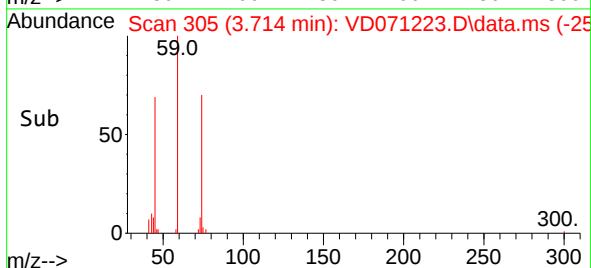
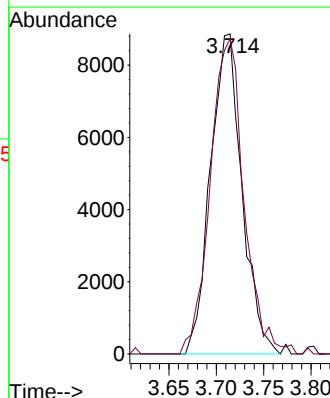
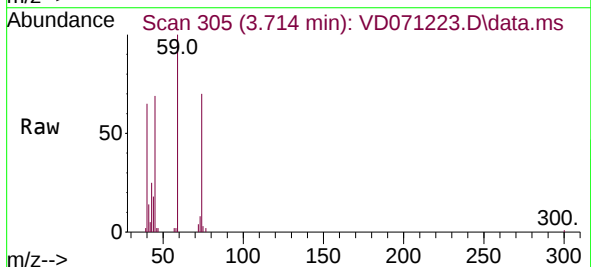
Instrument :
 MSVOA_D
 ClientSampleId :

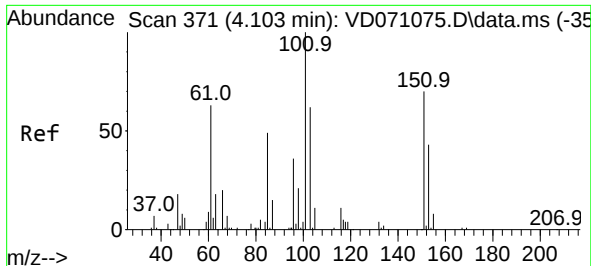
Tgt Ion:101 Resp: 81992
 Ion Ratio Lower Upper
 101 100
 103 69.7 49.7 74.5



#8
 Diethyl Ether
 Concen: 18.654 ug/l
 RT: 3.714 min Scan# 305
 Delta R.T. -0.001 min
 Lab File: VD071223.D
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Tgt Ion: 74 Resp: 20453
 Ion Ratio Lower Upper
 74 100
 45 105.8 49.6 149.0

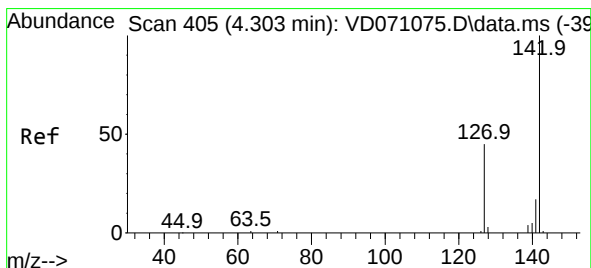
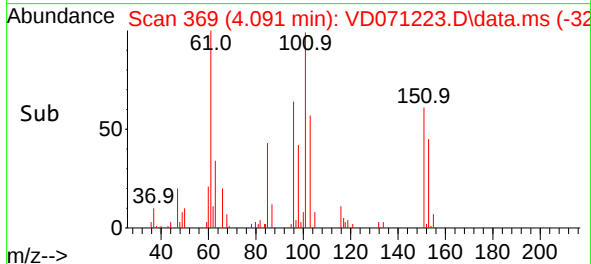
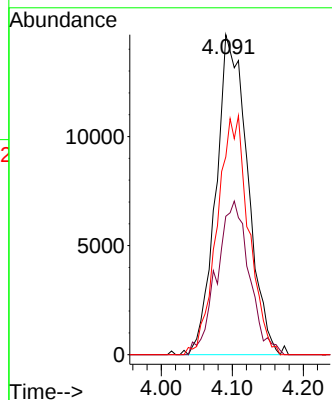
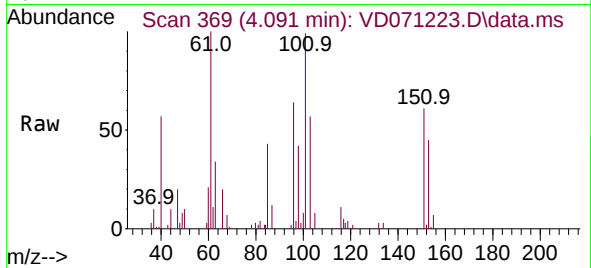




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.026 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

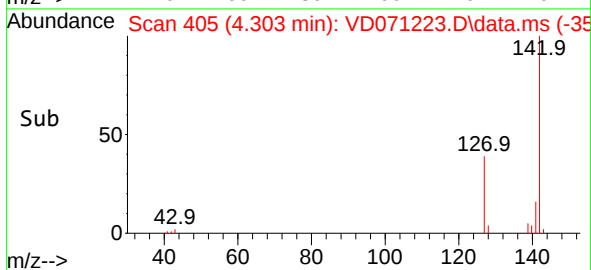
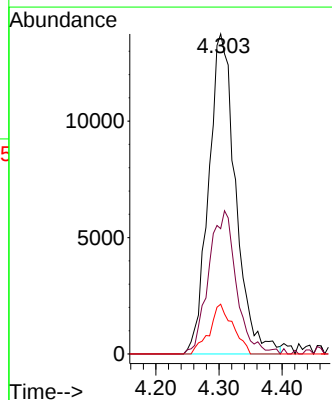
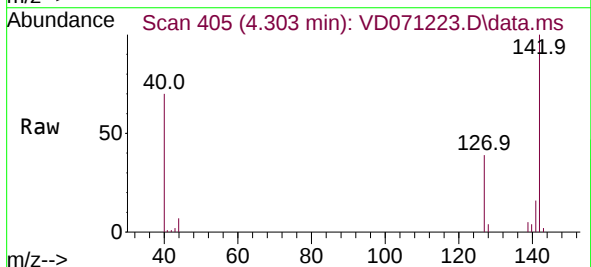
Instrument :
MSVOA_D
ClientSampleId :

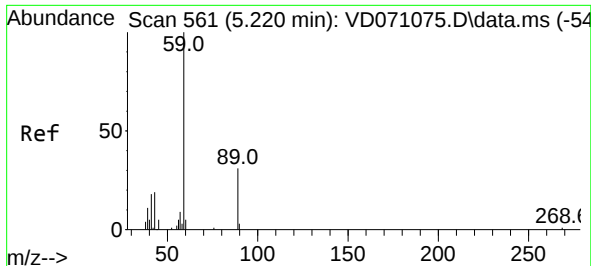
Tgt Ion:101 Resp: 45399
Ion Ratio Lower Upper
101 100
85 49.3 34.8 52.2
151 74.6 60.4 90.6



#10
Methyl Iodide
Concen: 17.943 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion:142 Resp: 40846
Ion Ratio Lower Upper
142 100
127 46.2 35.0 52.4
141 13.5 12.0 18.0





#11

Tert butyl alcohol

Concen: 133.739 ug/l

RT: 5.197 min Scan# 51

Delta R.T. -0.023 min

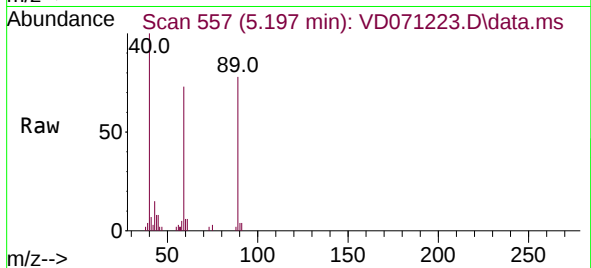
Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

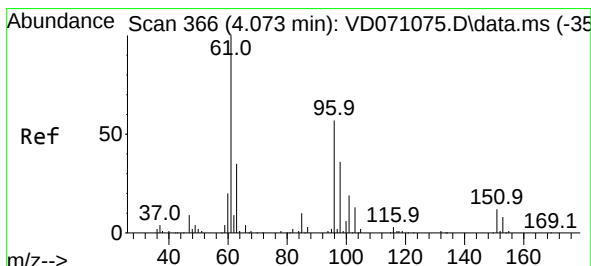
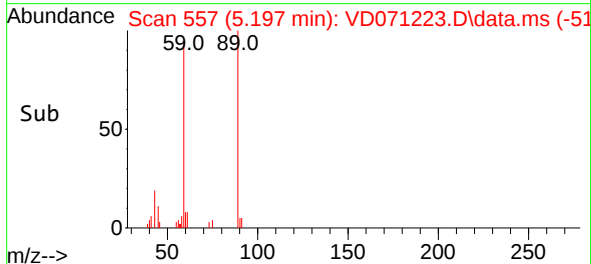
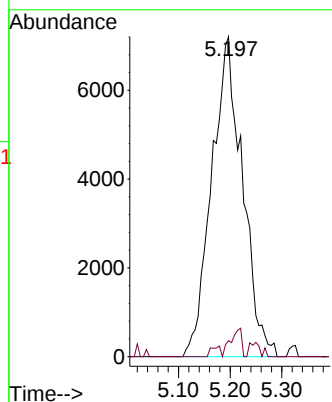


Tgt Ion: 59 Resp: 29808

Ion Ratio Lower Upper

59 100

57 0.0 9.0 13.4#



#12

1,1-Dichloroethene

Concen: 18.537 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

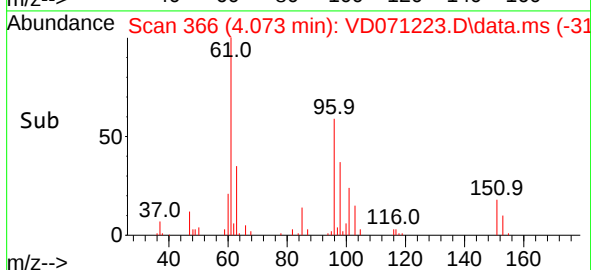
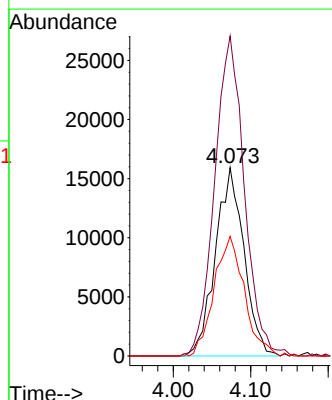
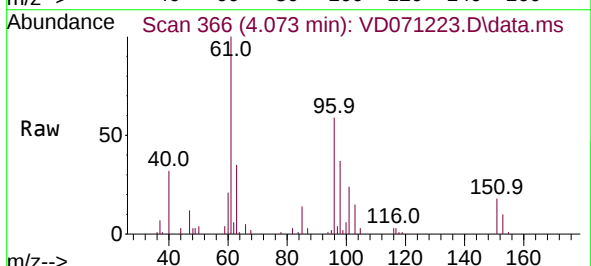
Tgt Ion: 96 Resp: 40819

Ion Ratio Lower Upper

96 100

61 170.0 120.3 180.5

98 63.5 54.4 81.6

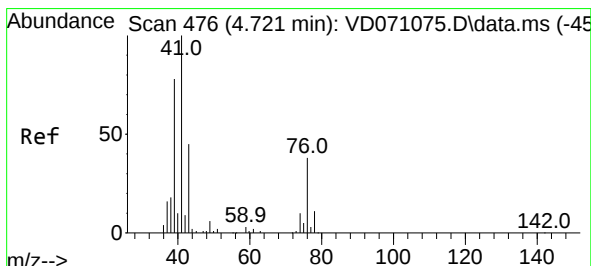
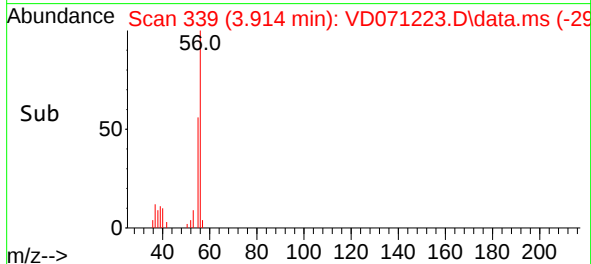
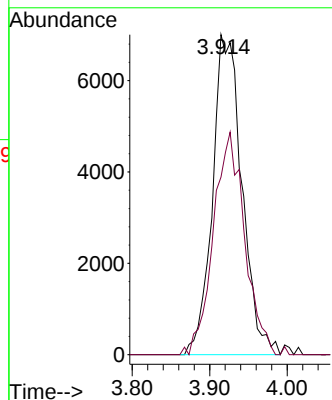
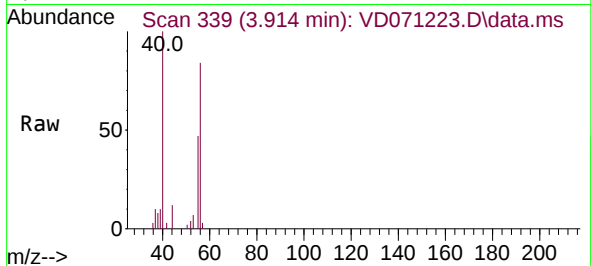




#13
Acrolein
Concen: 97.240 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

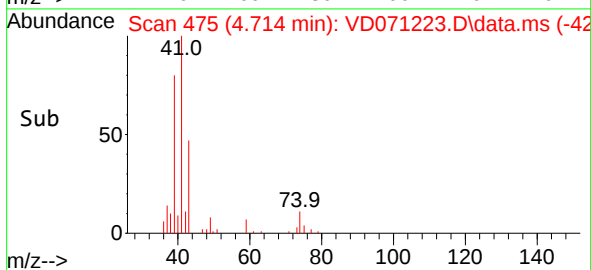
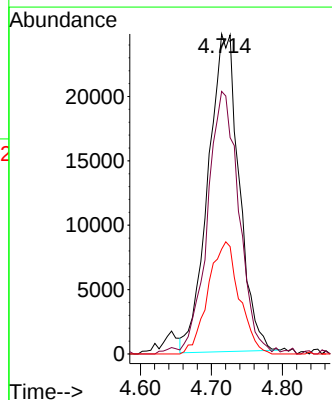
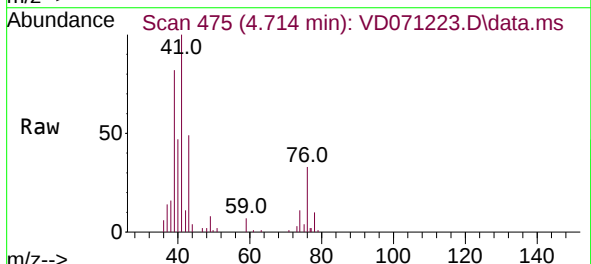
Instrument :
MSVOA_D
ClientSampleId :

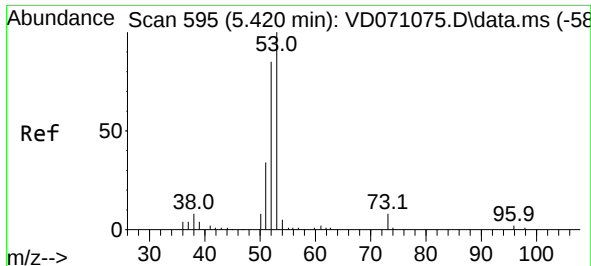
Tgt Ion: 56 Resp: 18495
Ion Ratio Lower Upper
56 100
55 73.9 58.6 87.8



#14
Allyl chloride
Concen: 17.923 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.007 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 41 Resp: 74965
Ion Ratio Lower Upper
41 100
39 84.5 45.6 68.4#
76 35.5 30.2 45.4

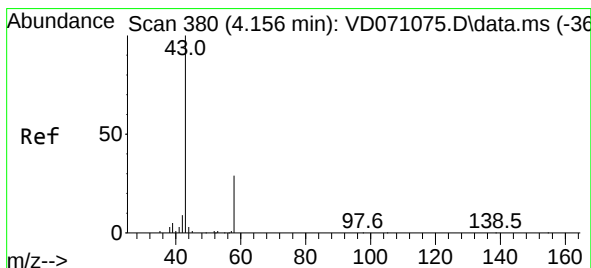
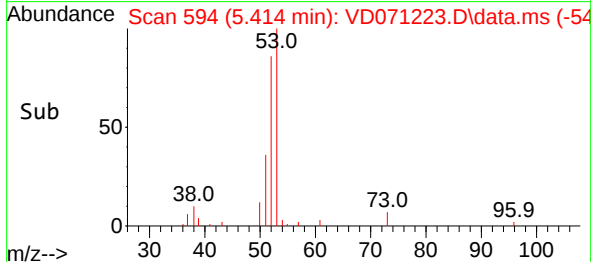
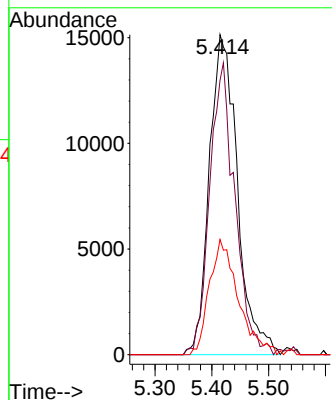
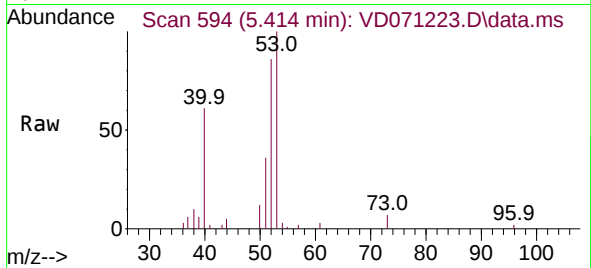




#15
Acrylonitrile
Concen: 97.395 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

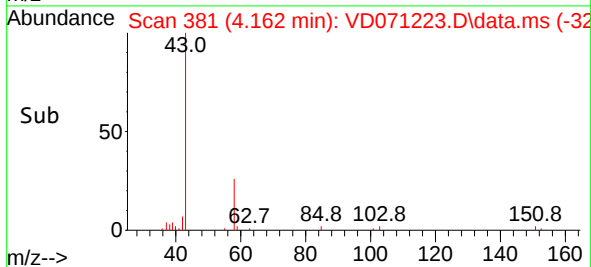
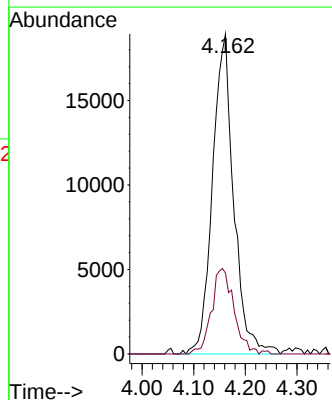
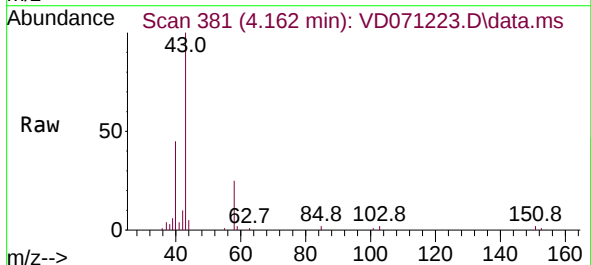
Instrument :
MSVOA_D
ClientSampleId :

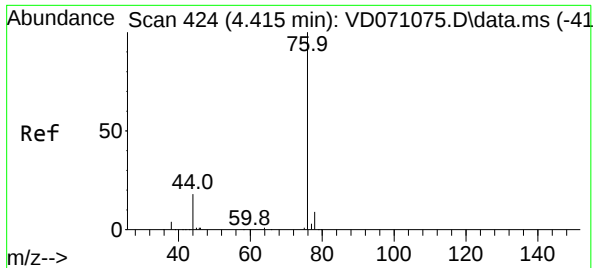
Tgt Ion: 53 Resp: 51934
Ion Ratio Lower Upper
53 100
52 82.0 63.8 95.8
51 37.3 28.5 42.7



#16
Acetone
Concen: 94.843 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 43 Resp: 53984
Ion Ratio Lower Upper
43 100
58 25.3 27.8 41.8#

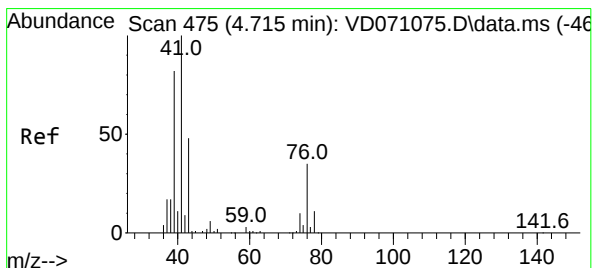
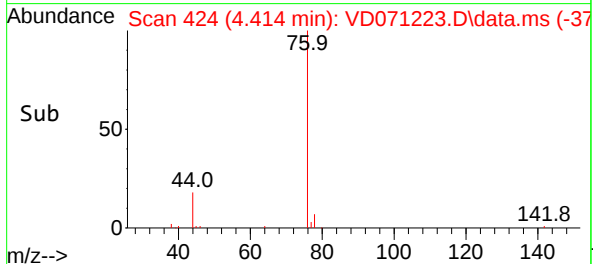
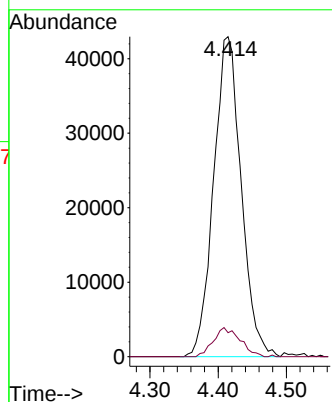
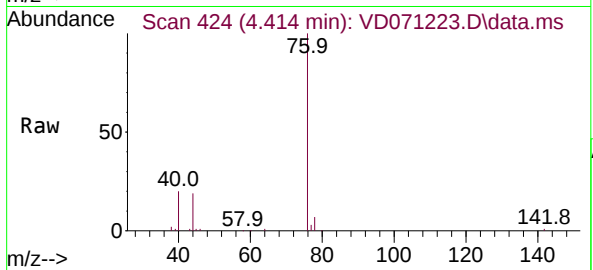




#17
Carbon Disulfide
Concen: 18.713 ug/l
RT: 4.414 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

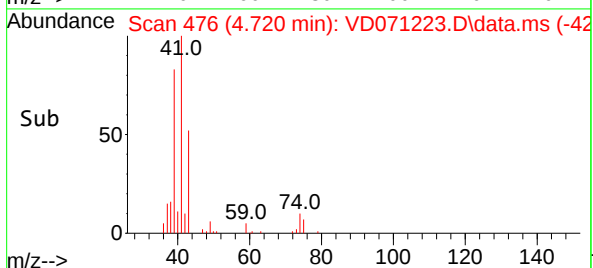
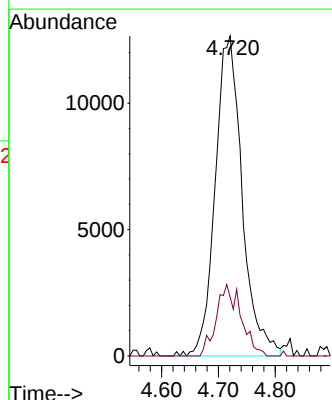
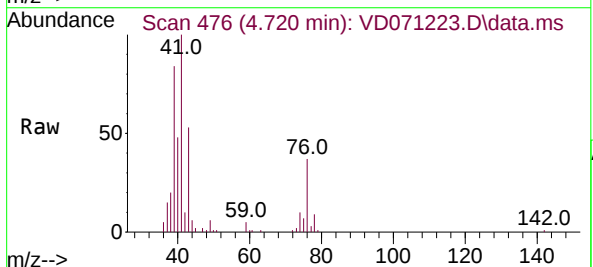
Instrument :
MSVOA_D
ClientSampleId :

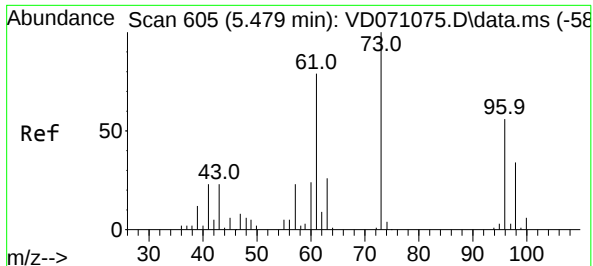
Tgt Ion: 76 Resp: 120646
Ion Ratio Lower Upper
76 100
78 7.5 7.8 11.8#



#18
Methyl Acetate
Concen: 20.279 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 43 Resp: 41644
Ion Ratio Lower Upper
43 100
74 20.5 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 18.036 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

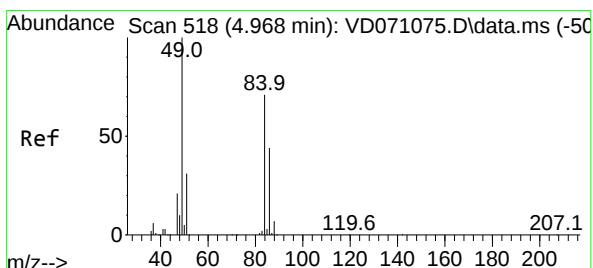
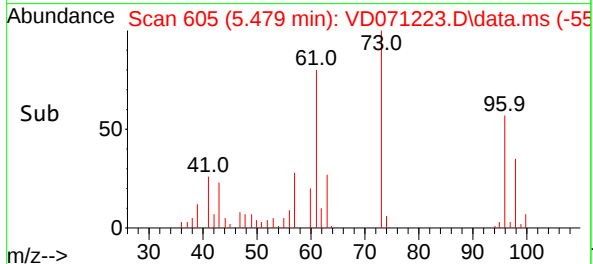
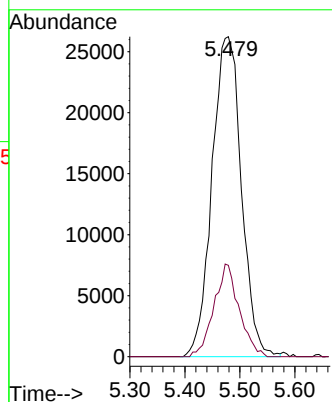
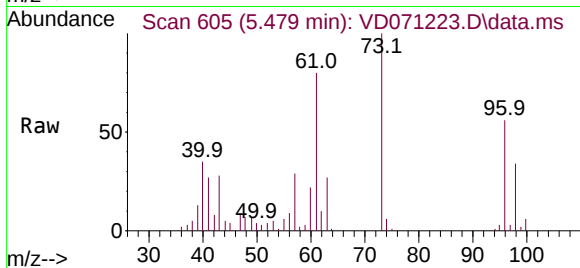
ClientSampleId :

Tgt Ion: 73 Resp: 97334

Ion Ratio Lower Upper

73 100

57 28.5 18.9 28.3#



#20

Methylene Chloride

Concen: 28.588 ug/l

RT: 4.967 min Scan# 518

Delta R.T. -0.001 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Tgt Ion: 84 Resp: 85316

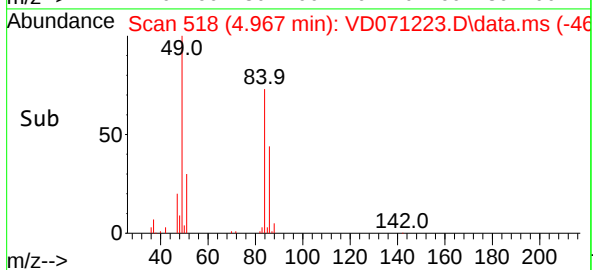
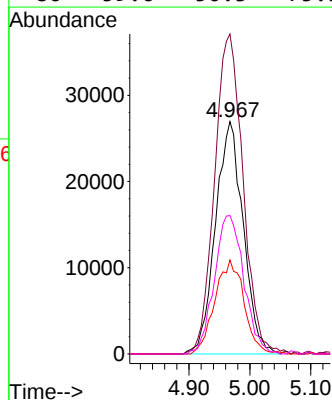
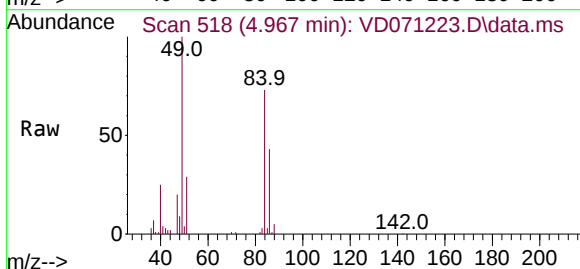
Ion Ratio Lower Upper

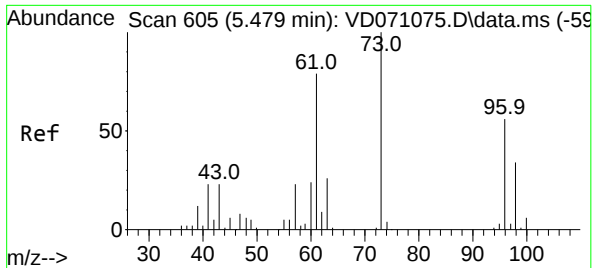
84 100

49 137.8 95.8 143.6

51 40.5 30.9 46.3

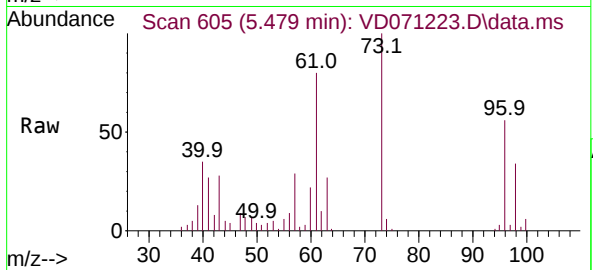
86 59.6 50.3 75.5



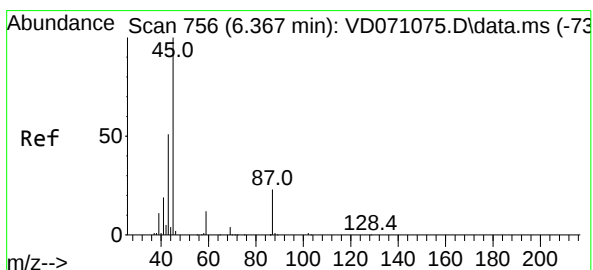
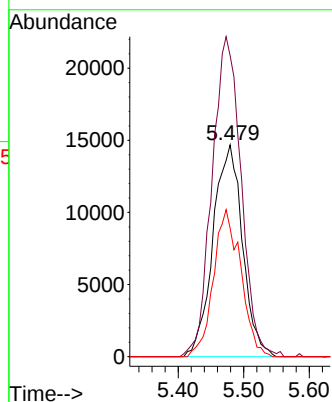
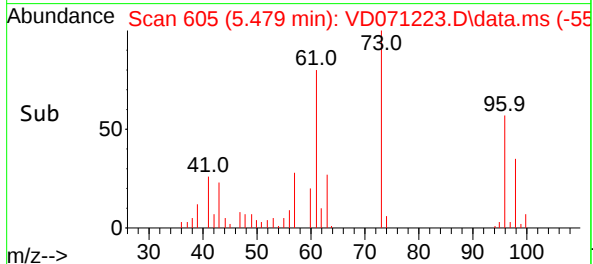


#21
trans-1,2-Dichloroethene
Concen: 18.471 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

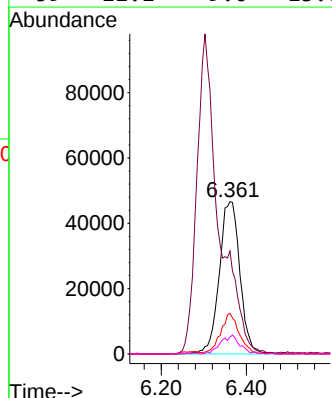
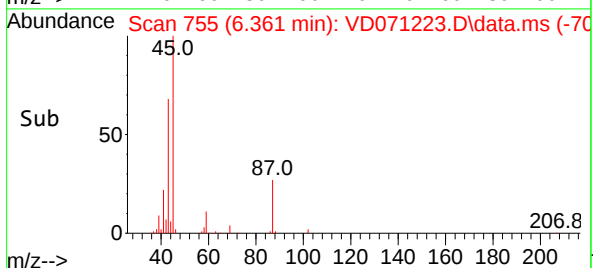
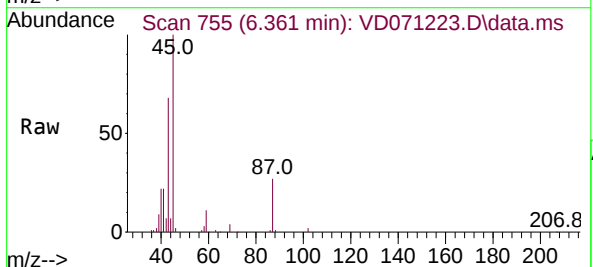


Tgt Ion: 96 Resp: 45785
Ion Ratio Lower Upper
96 100
61 142.1 102.1 153.1
98 60.7 50.1 75.1



#22
Diisopropyl ether
Concen: 18.722 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 45 Resp: 156893
Ion Ratio Lower Upper
45 100
43 66.4 39.6 59.4#
87 26.6 21.2 31.8
59 11.1 9.0 13.6

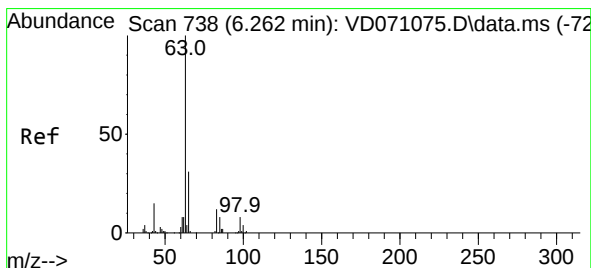
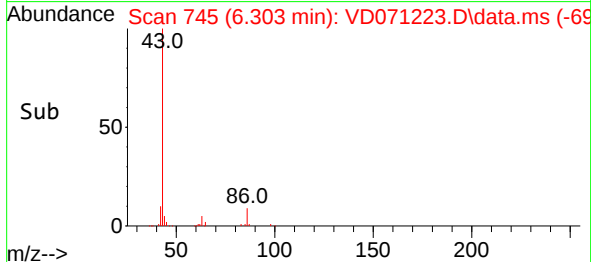
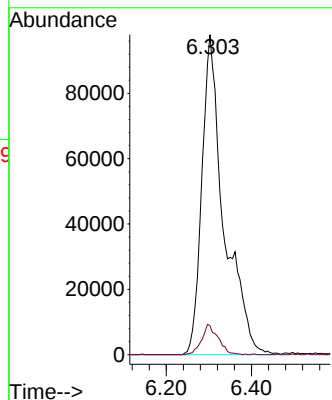
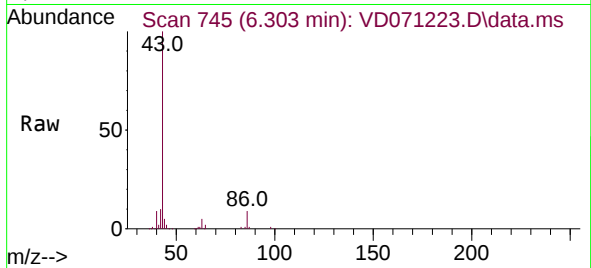




#23
 Vinyl Acetate
 Concen: 96.594 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071223.D
 Acq: 09 Dec 2021 12:53

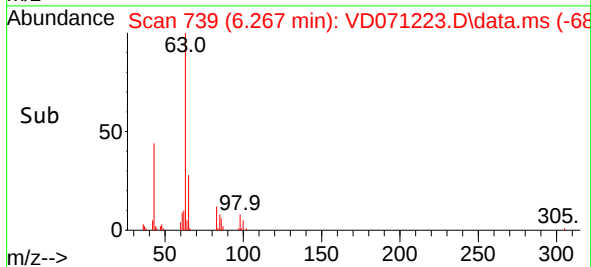
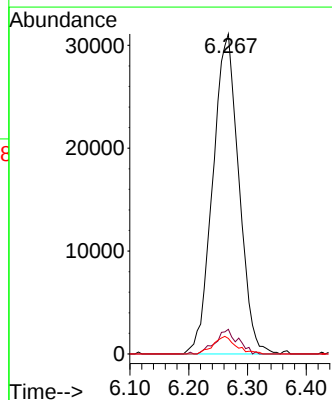
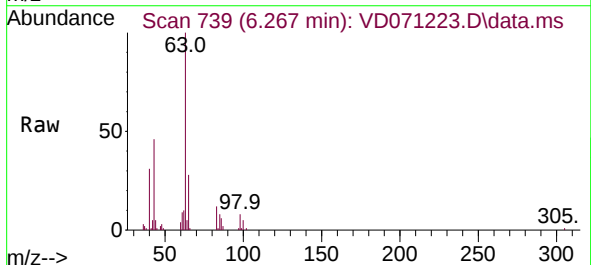
Instrument :
 MSVOA_D
 ClientSampleId :

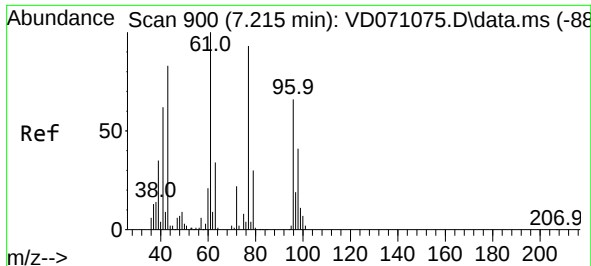
Tgt Ion: 43 Resp: 352798
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 19.871 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071223.D
 Acq: 09 Dec 2021 12:53

Tgt Ion: 63 Resp: 95778
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.6
 100 4.8 2.1 6.3

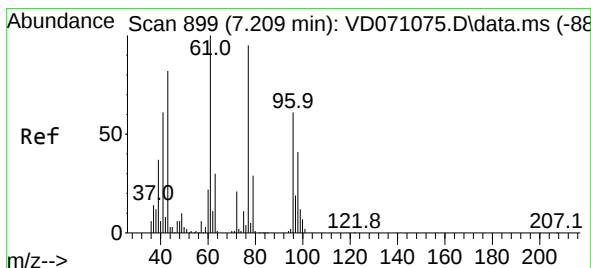
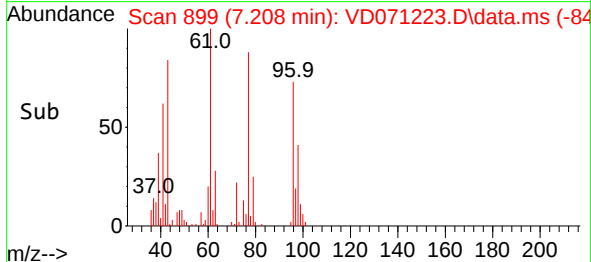
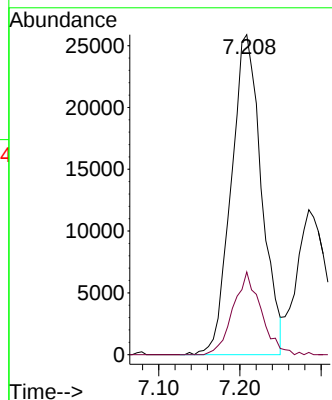
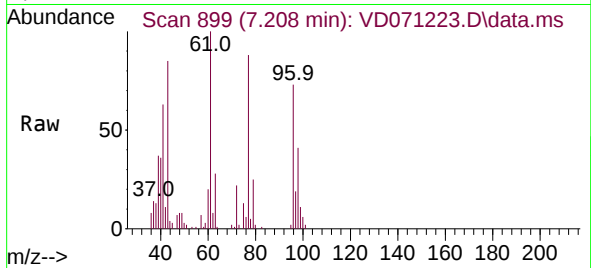




#25
2-Butanone
Concen: 98.143 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

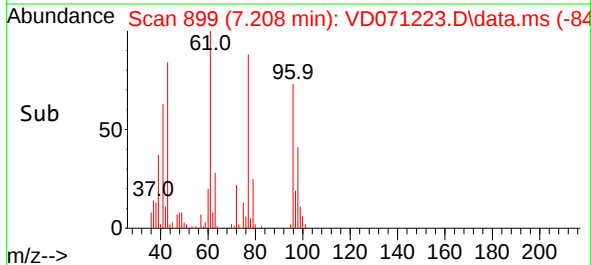
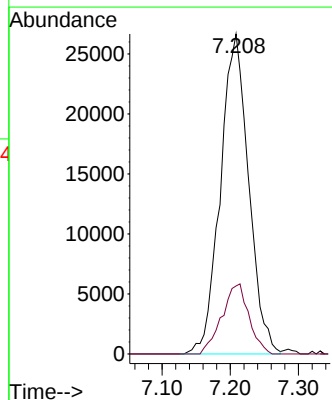
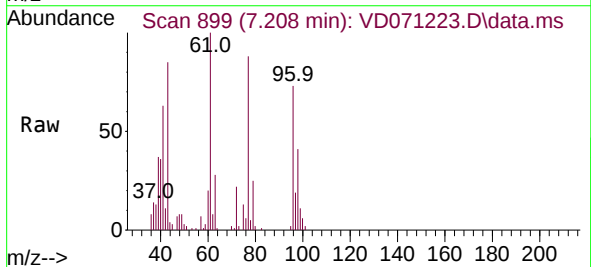
Instrument :
MSVOA_D
ClientSampleId :

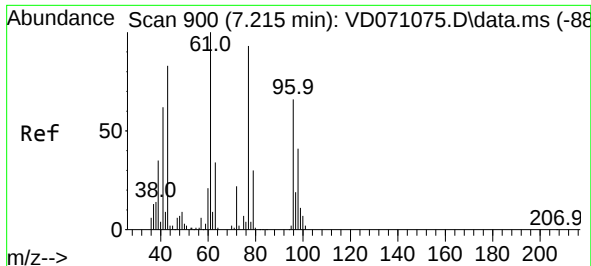
Tgt Ion: 43 Resp: 67188
Ion Ratio Lower Upper
43 100
72 25.9 23.8 35.6



#26
2,2-Dichloropropane
Concen: 17.545 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 77 Resp: 76898
Ion Ratio Lower Upper
77 100
97 20.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 19.859 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.007 min

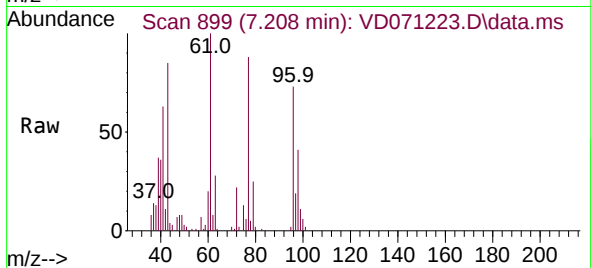
Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :



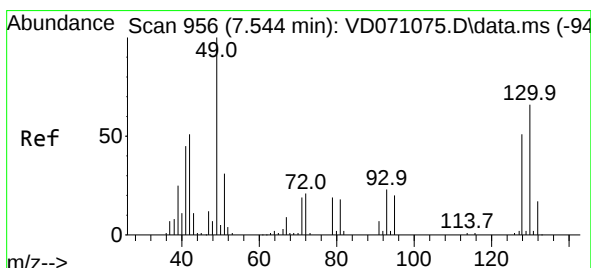
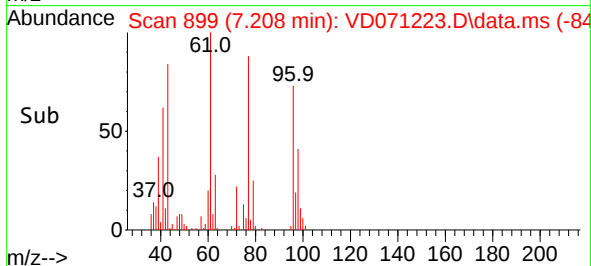
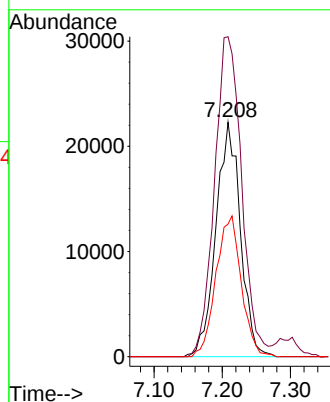
Tgt Ion: 96 Resp: 55690

Ion Ratio Lower Upper

96 100

61 151.4 0.0 288.6

98 62.2 0.0 129.2



#28

Bromochloromethane

Concen: 23.266 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

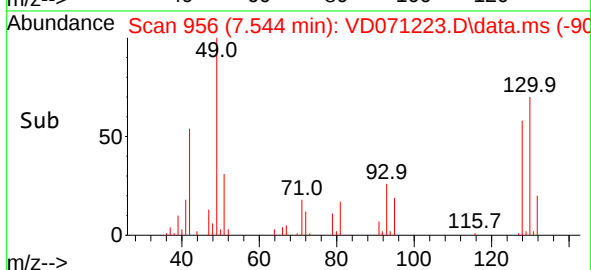
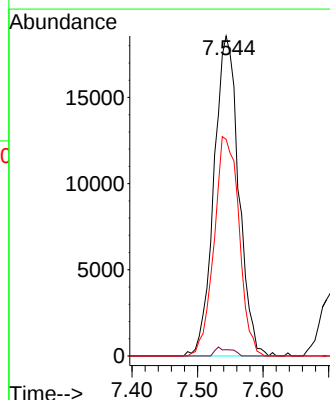
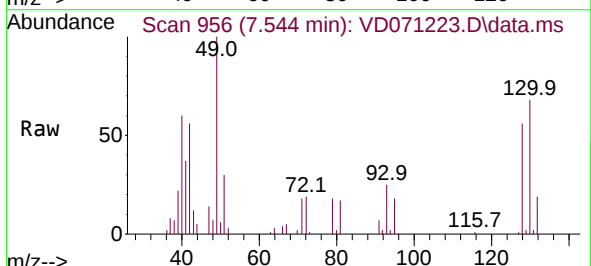
Tgt Ion: 49 Resp: 48708

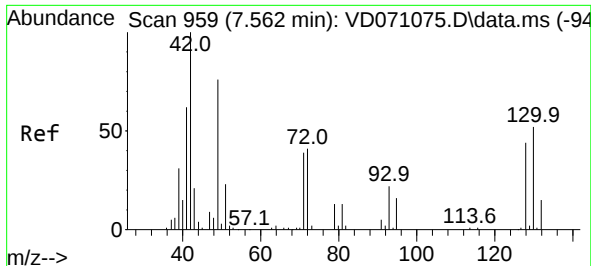
Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.0

130 68.8 60.2 90.2





#29

Tetrahydrofuran

Concen: 93.612 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.007 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

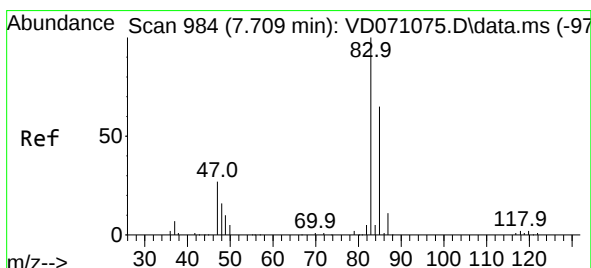
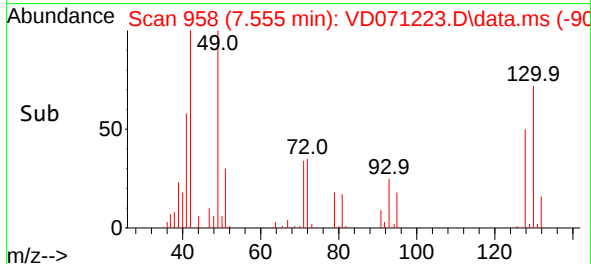
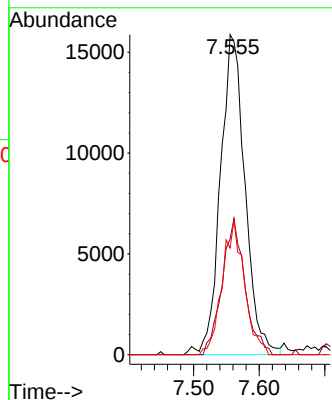
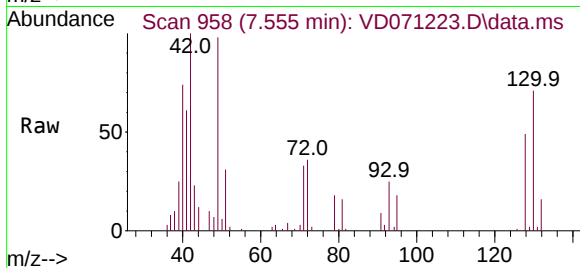
Tgt Ion: 42 Resp: 41372

Ion Ratio Lower Upper

42 100

72 39.4 33.7 50.5

71 37.9 32.7 49.1



#30

Chloroform

Concen: 19.310 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.001 min

Lab File: VD071223.D

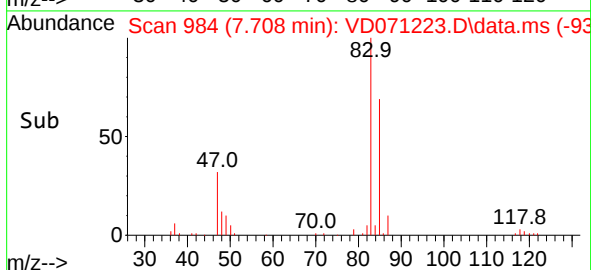
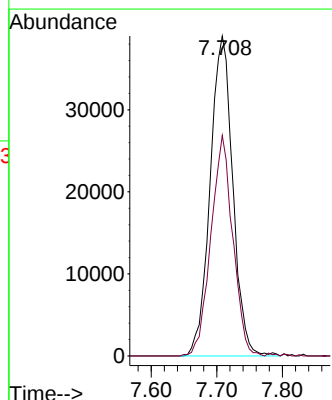
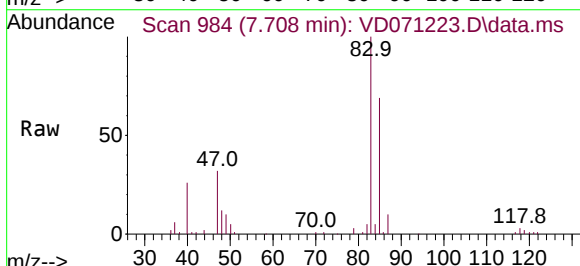
Acq: 09 Dec 2021 12:53

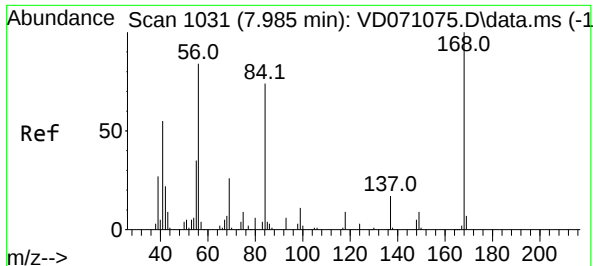
Tgt Ion: 83 Resp: 93408

Ion Ratio Lower Upper

83 100

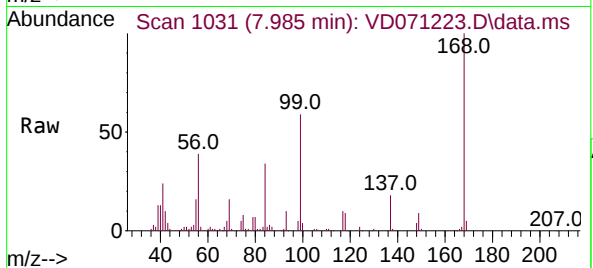
85 68.9 51.0 76.6



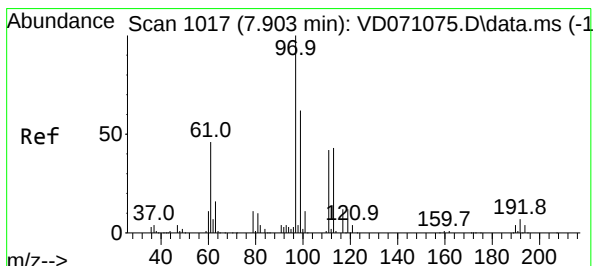
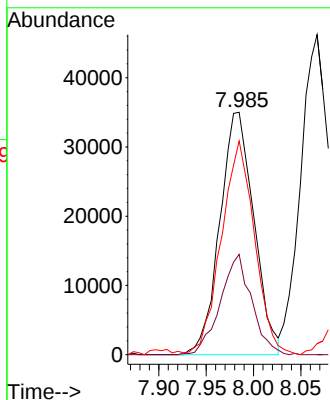
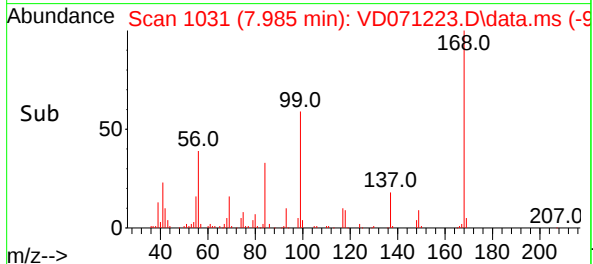


#31
Cyclohexane
Concen: 18.513 ug/l
RT: 7.985 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

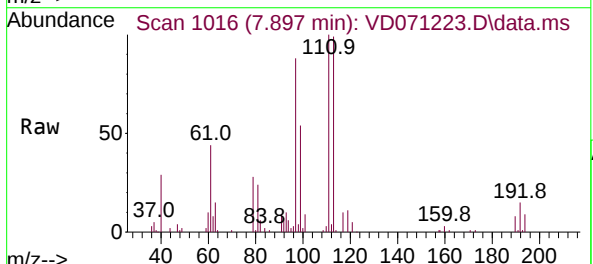
Instrument :
MSVOA_D
ClientSampleId :



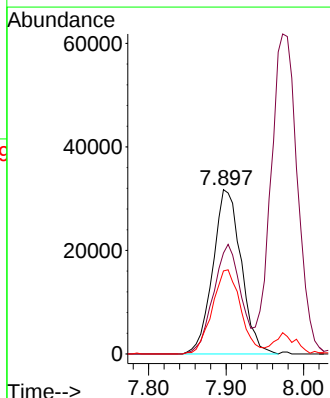
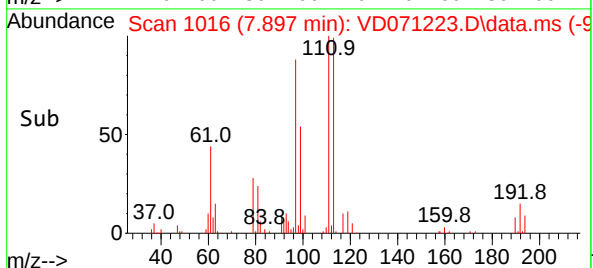
Tgt Ion: 56 Resp: 87647
Ion Ratio Lower Upper
56 100
69 41.4 25.9 38.9#
84 86.8 64.3 96.5

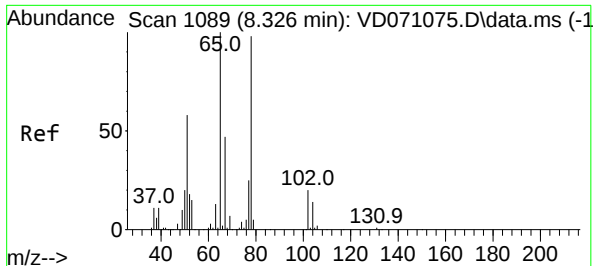


#32
1,1,1-Trichloroethane
Concen: 18.530 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53



Tgt Ion: 97 Resp: 80476
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 51.8 33.0 49.4#





#33

1,2-Dichloroethane-d4

Concen: 52.074 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

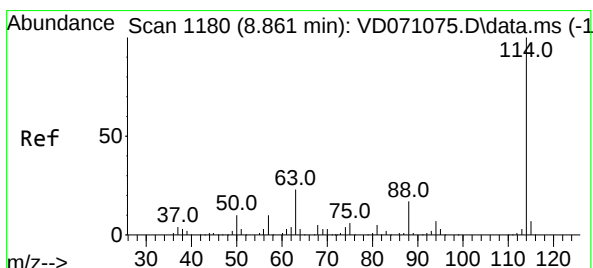
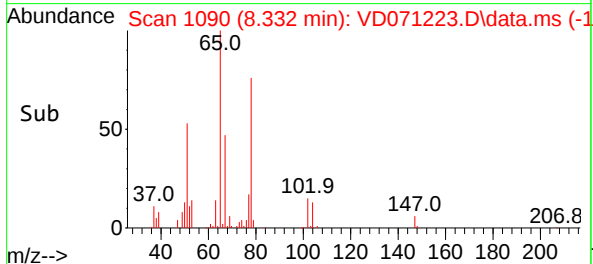
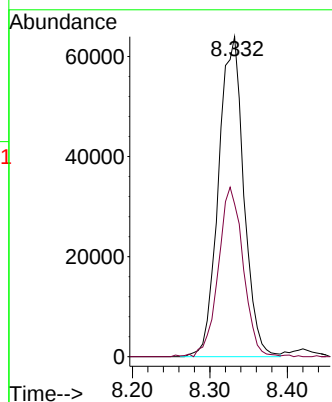
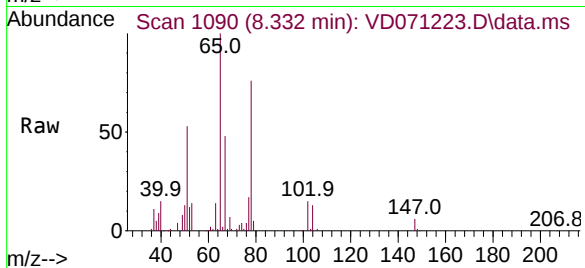
ClientSampleId :

Tgt Ion: 65 Resp: 144936

Ion Ratio Lower Upper

65 100

67 52.3 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: VD071223.D

Acq: 09 Dec 2021 12:53

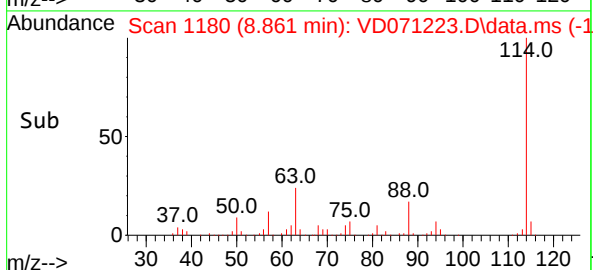
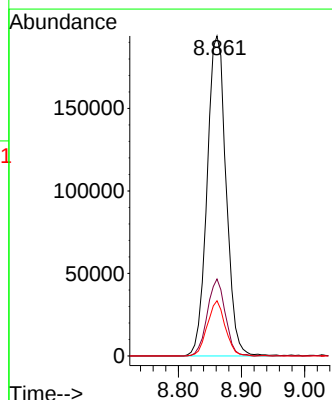
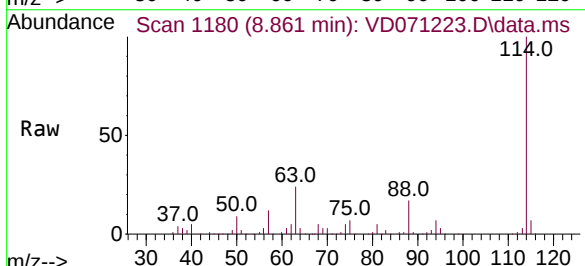
Tgt Ion: 114 Resp: 405167

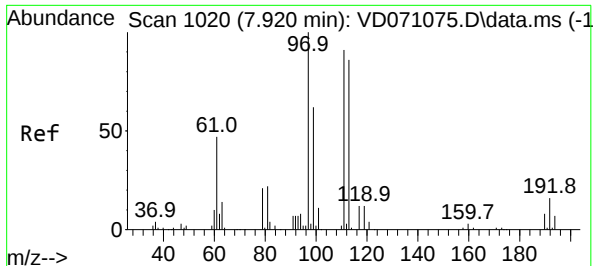
Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.950 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

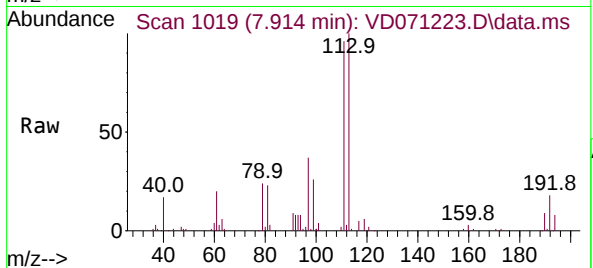
Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :



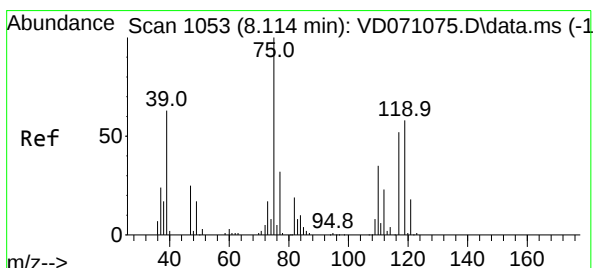
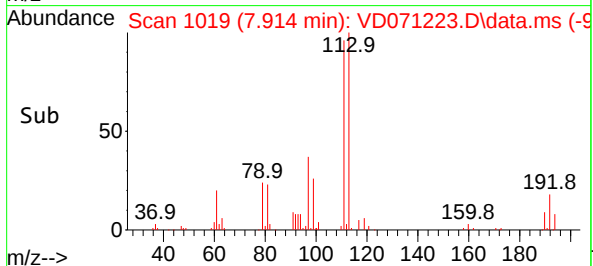
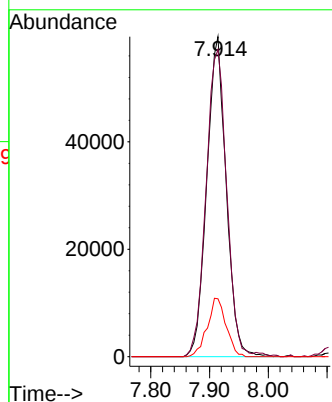
Tgt Ion:113 Resp: 136614

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

192 17.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 19.143 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

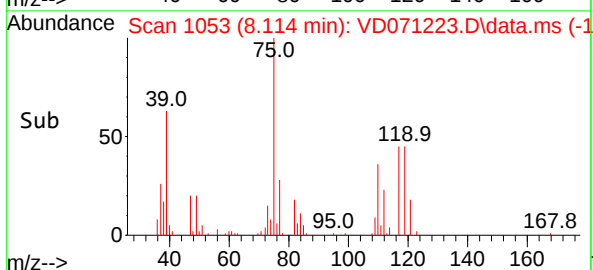
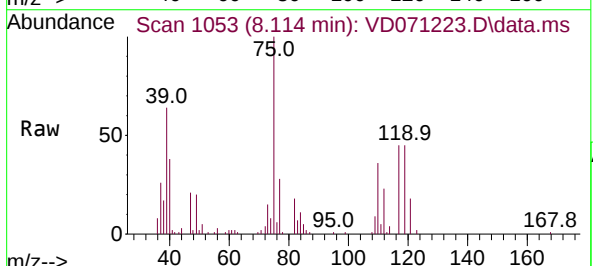
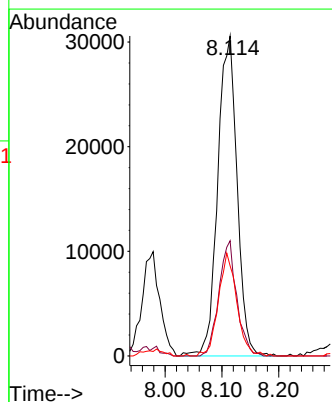
Tgt Ion: 75 Resp: 72491

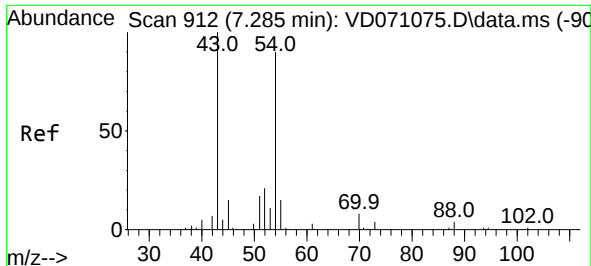
Ion Ratio Lower Upper

75 100

110 33.3 17.8 53.4

77 30.6 24.8 37.2

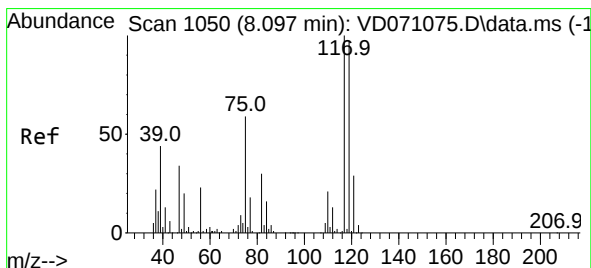
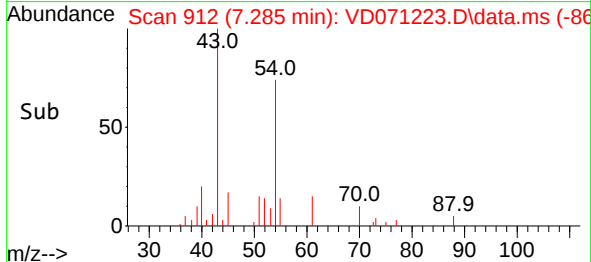
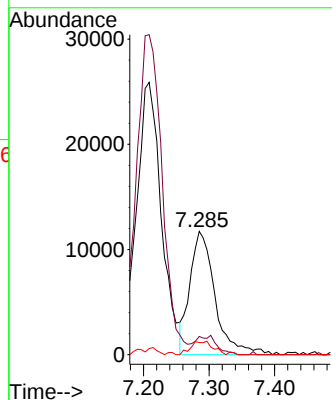
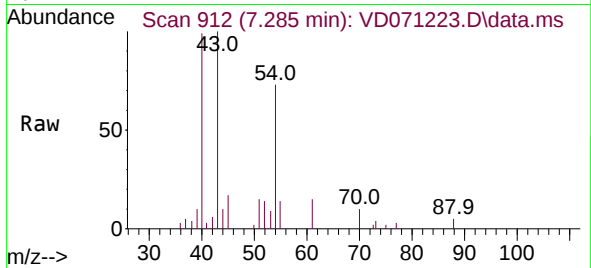




#37
Ethyl Acetate
Concen: 19.167 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

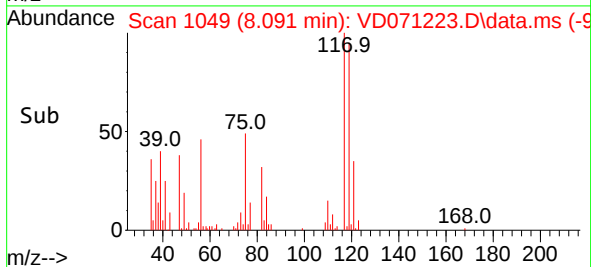
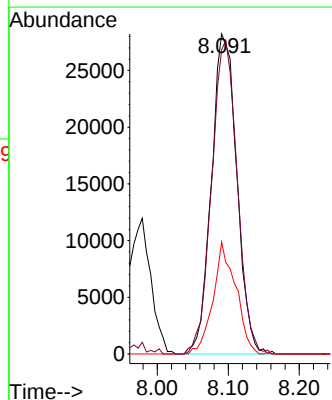
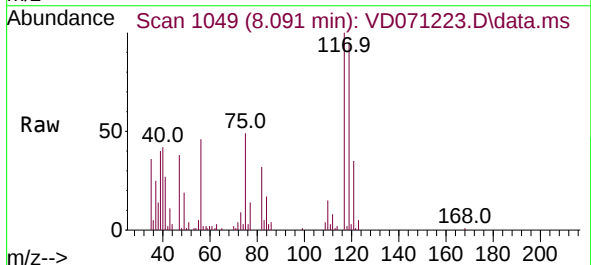
Instrument :
MSVOA_D
ClientSampleId :

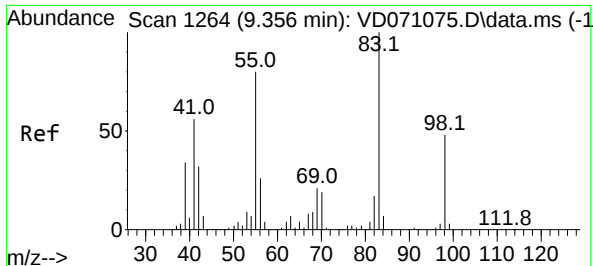
Tgt Ion: 43 Resp: 31353
Ion Ratio Lower Upper
43 100
61 13.6 13.0 19.6
70 9.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 18.768 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 117 Resp: 70057
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.6
121 35.0 23.6 35.4





#39

Methylcyclohexane

Concen: 17.328 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.007 min

Lab File: VD071223.D

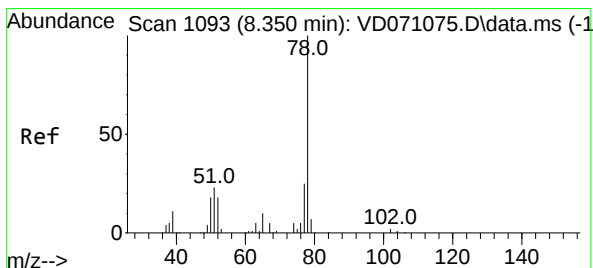
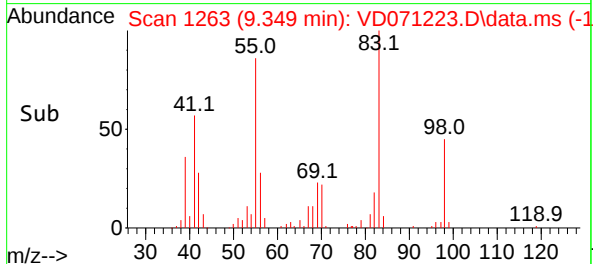
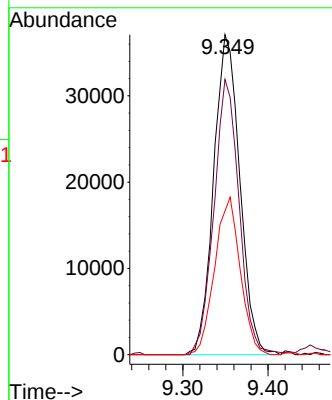
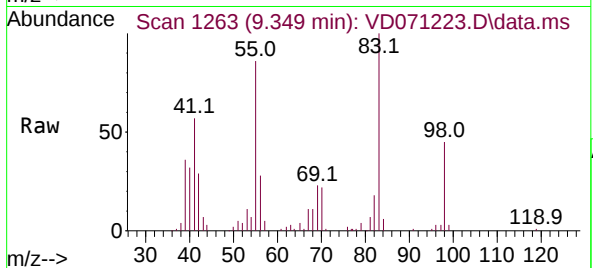
Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 78924
Ion Ratio	Lower Upper
83	100
55	86.0 65.8 98.8
98	44.9 38.7 58.1



#40

Benzene

Concen: 19.137 ug/l

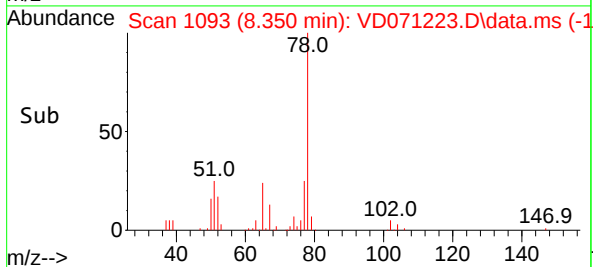
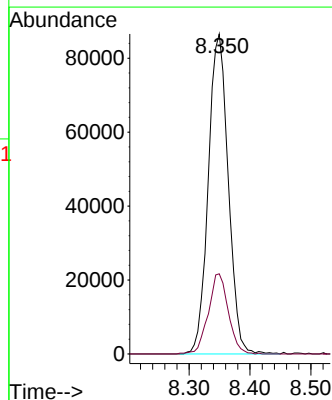
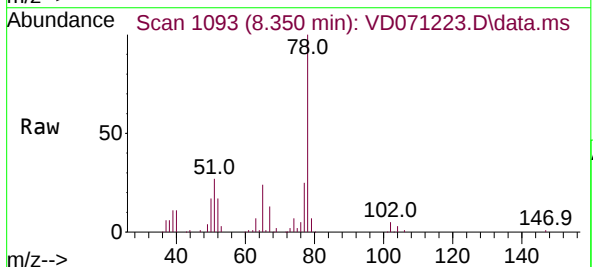
RT: 8.350 min Scan# 1093

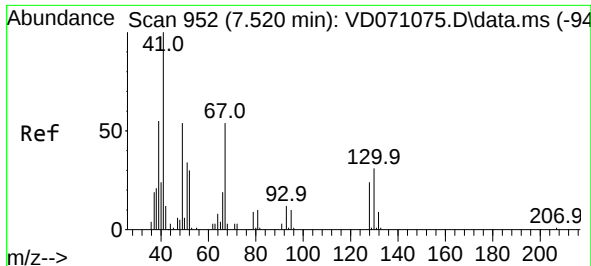
Delta R.T. -0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

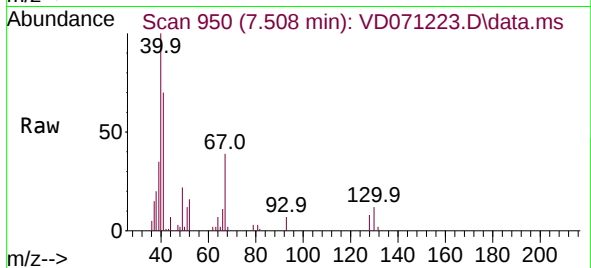
Tgt Ion: 78	Resp: 196840
Ion Ratio	Lower Upper
78	100
77	25.1 19.1 28.7



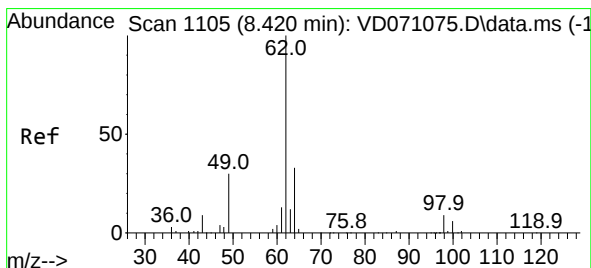
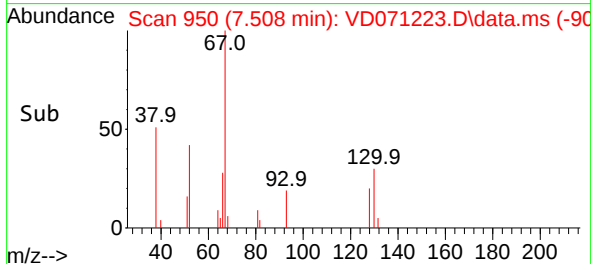
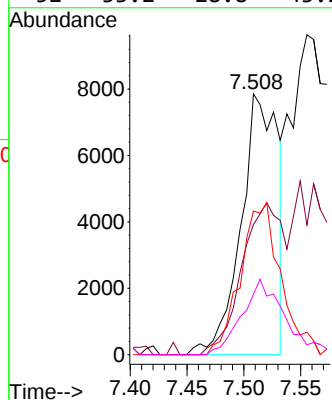


#41
Methacrylonitrile
Concen: 24.221 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

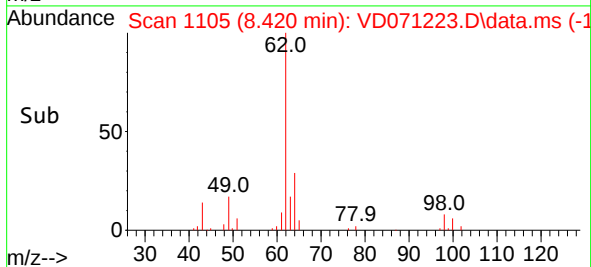
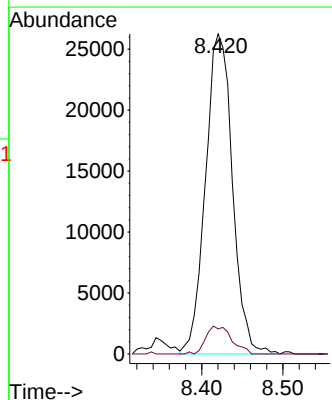
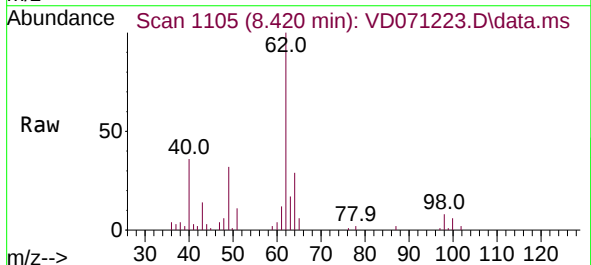


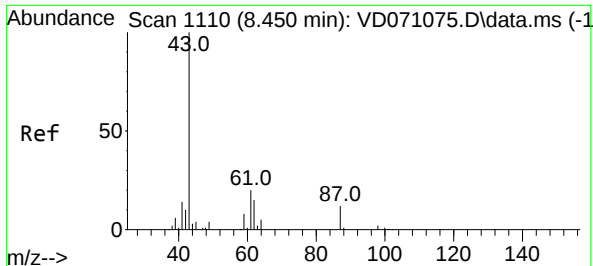
Tgt Ion:	41	Resp:	17760
Ion Ratio	Lower	Upper	
41	100		
39	66.1	60.2	90.4
67	63.6	74.8	112.2#
52	33.2	28.8	43.2



#42
1,2-Dichloroethane
Concen: 19.283 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

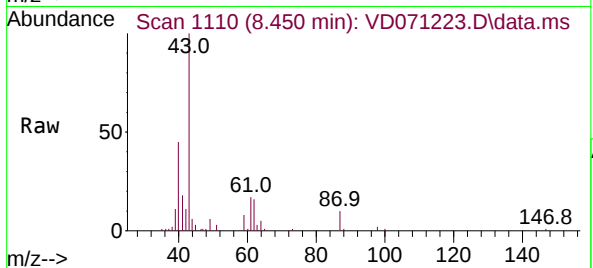
Tgt Ion:	62	Resp:	60543
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	21.8



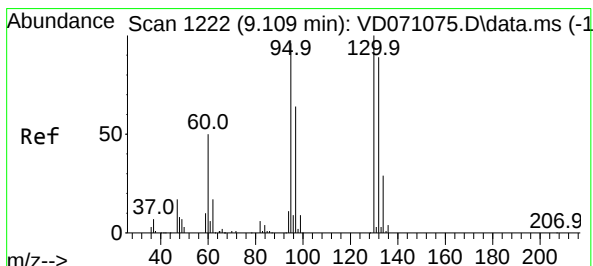
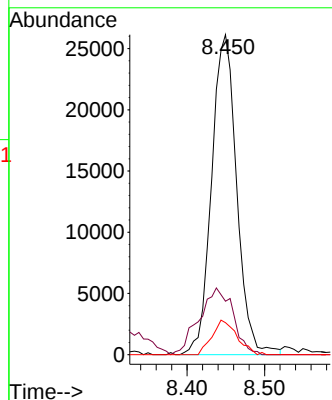
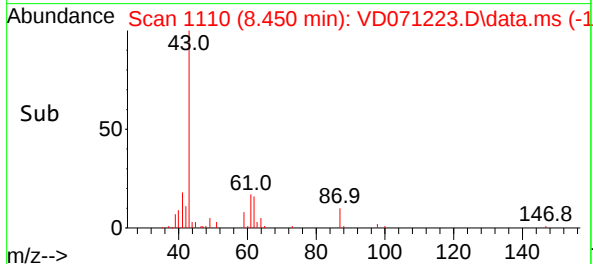


#43
Isopropyl Acetate
Concen: 19.887 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Instrument :
MSVOA_D
ClientSampleId :

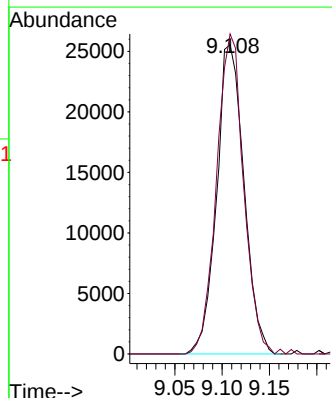
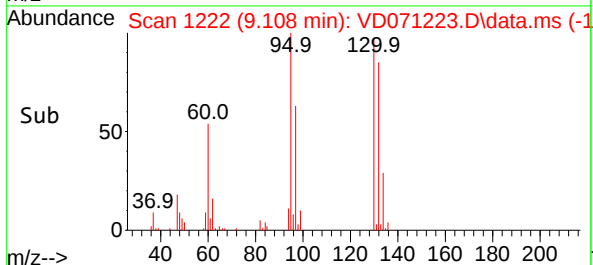
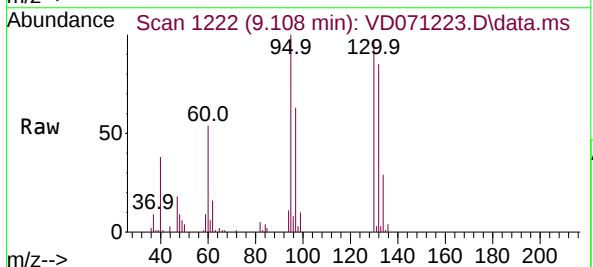


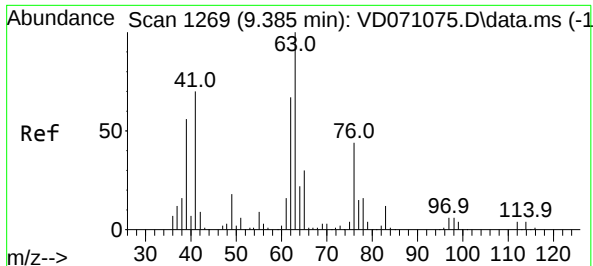
Tgt Ion: 43 Resp: 58937
Ion Ratio Lower Upper
43 100
61 28.1 28.2 42.4#
87 10.7 10.7 16.1#



#44
Trichloroethene
Concen: 18.761 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion:130 Resp: 51454
Ion Ratio Lower Upper
130 100
95 103.5 0.0 193.2





#45

1,2-Dichloropropane

Concen: 18.420 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

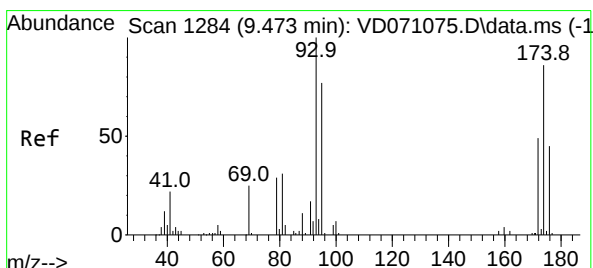
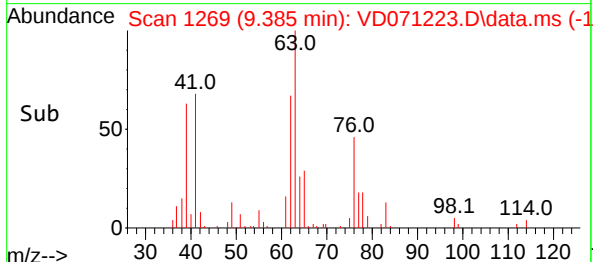
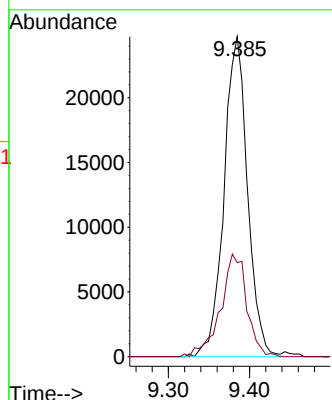
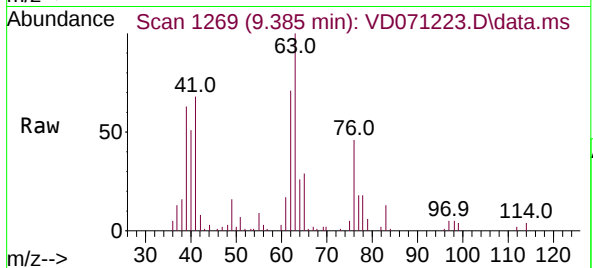
ClientSampleId :

Tgt Ion: 63 Resp: 49828

Ion Ratio Lower Upper

63 100

65 29.4 24.2 36.2



#46

Dibromomethane

Concen: 18.626 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

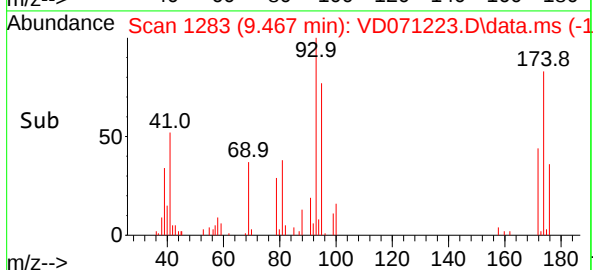
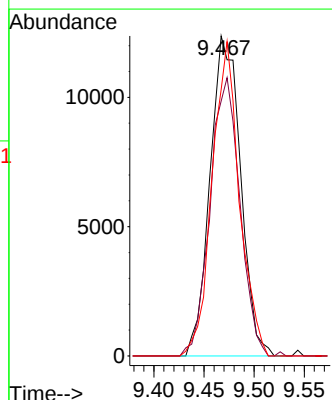
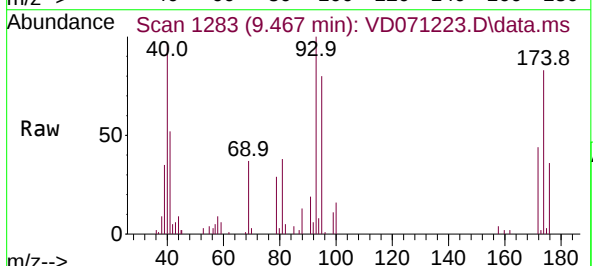
Tgt Ion: 93 Resp: 26140

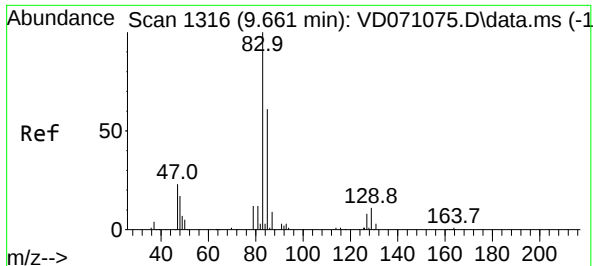
Ion Ratio Lower Upper

93 100

95 84.9 66.1 99.1

174 88.2 78.6 117.8





#47

Bromodichloromethane

Concen: 18.965 ug/l

RT: 9.655 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

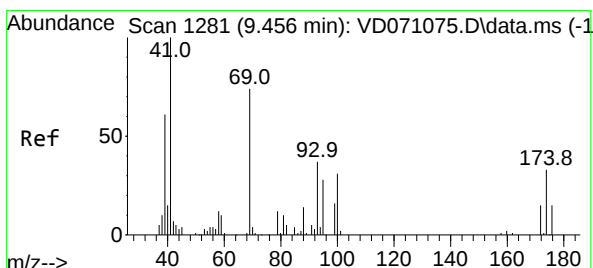
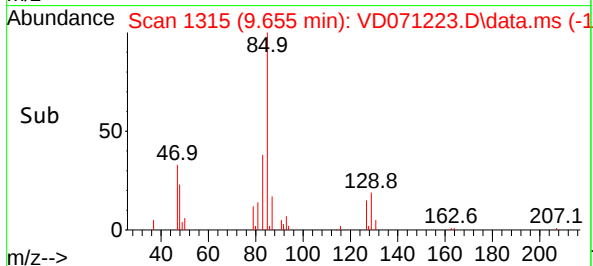
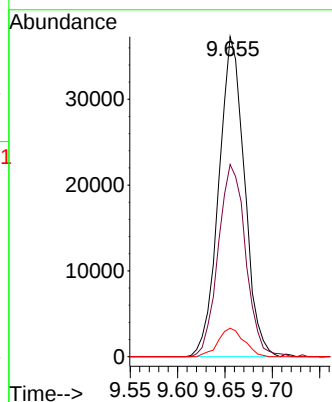
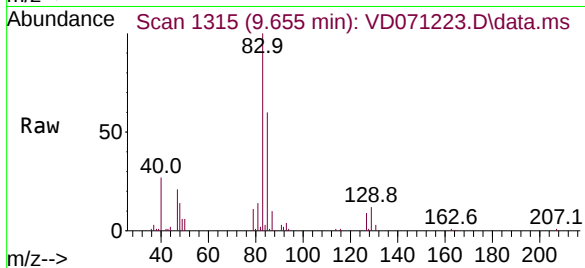
Tgt Ion: 83 Resp: 70390

Ion Ratio Lower Upper

83 100

85 60.0 50.0 75.0

127 8.9 7.3 10.9



#48

Methyl methacrylate

Concen: 16.702 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.001 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

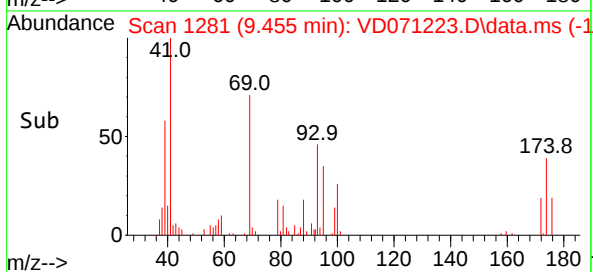
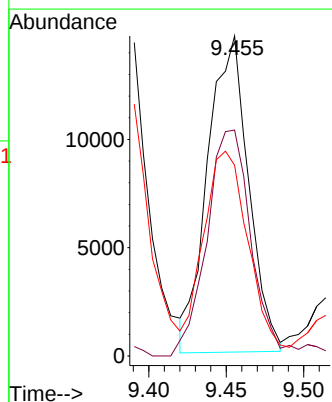
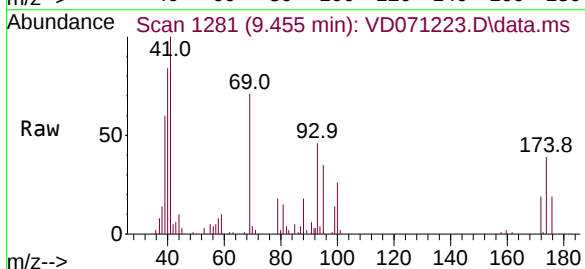
Tgt Ion: 41 Resp: 26743

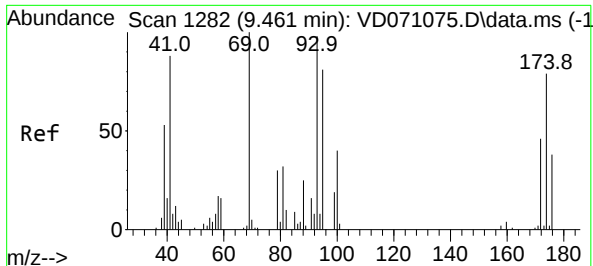
Ion Ratio Lower Upper

41 100

69 77.2 69.8 104.6

39 72.1 35.6 53.4#





#49

1,4-Dioxane

Concen: 417.719 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

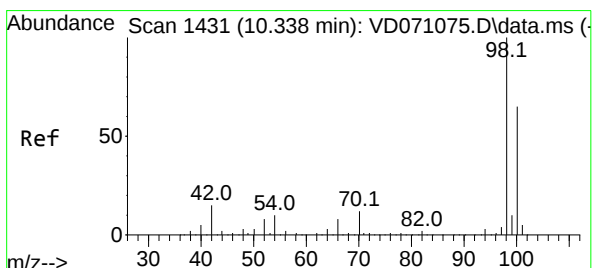
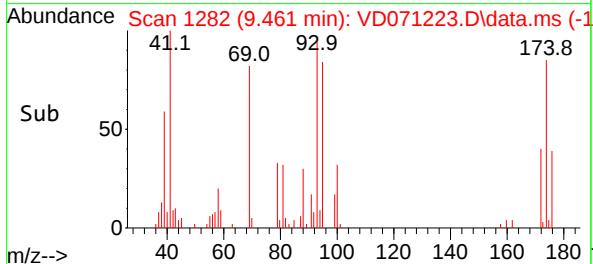
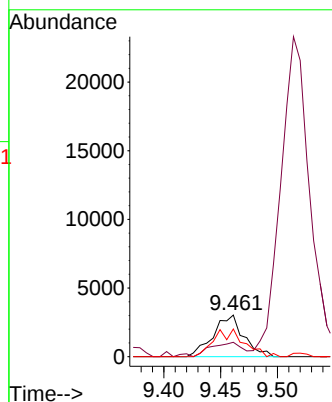
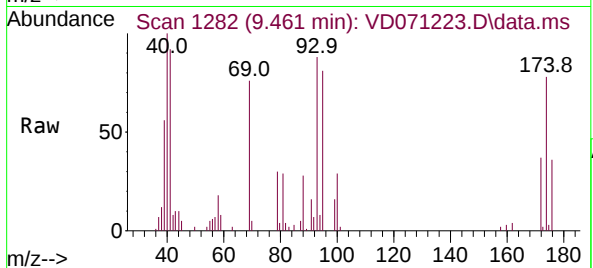
Tgt Ion: 88 Resp: 5659

Ion Ratio Lower Upper

88 100

43 26.2 28.9 43.3#

58 66.2 56.3 84.5



#50

Toluene-d8

Concen: 49.264 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071223.D

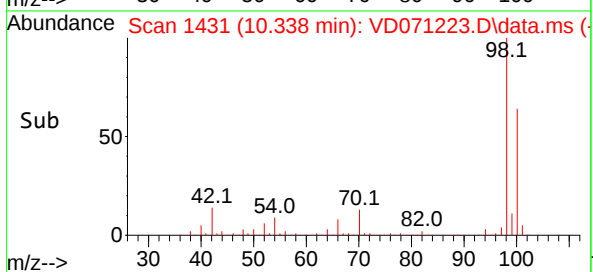
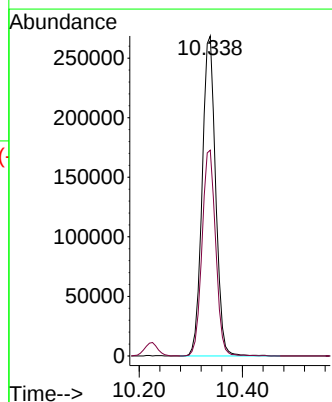
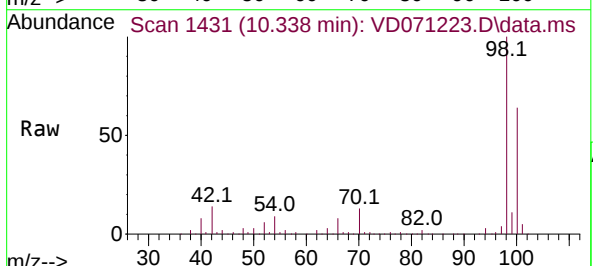
Acq: 09 Dec 2021 12:53

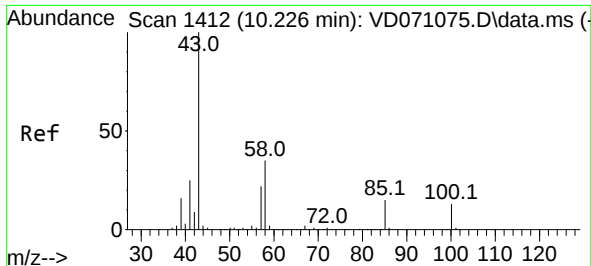
Tgt Ion: 98 Resp: 483695

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.6

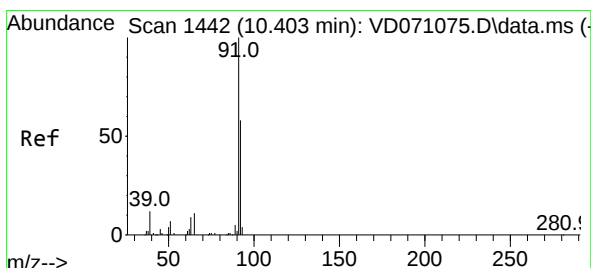
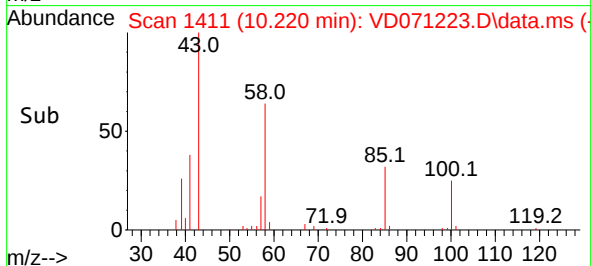
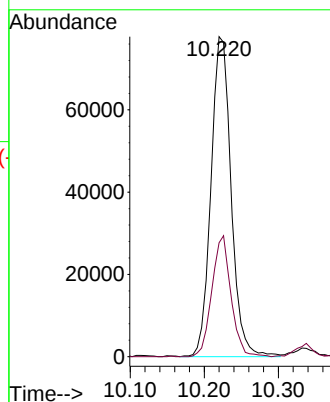
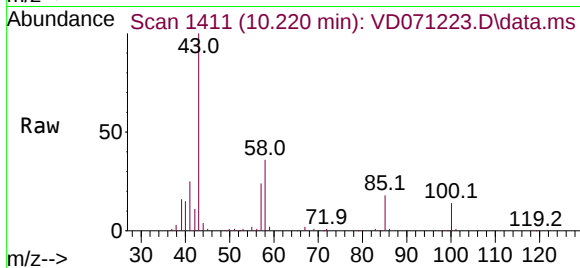




#51
4-Methyl-2-Pentanone
Concen: 100.611 ug/l
RT: 10.220 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

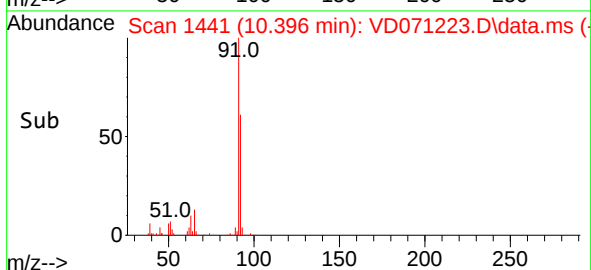
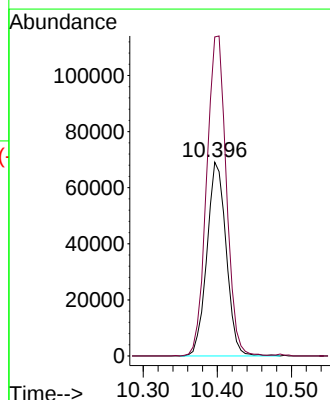
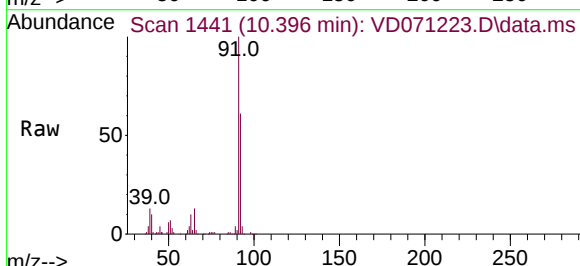
Instrument :
MSVOA_D
ClientSampleId :

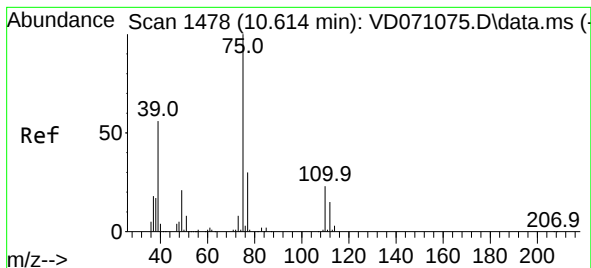
Tgt Ion: 43 Resp: 147075
Ion Ratio Lower Upper
43 100
58 35.8 33.1 49.7



#52
Toluene
Concen: 19.101 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.007 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 92 Resp: 124661
Ion Ratio Lower Upper
92 100
91 169.0 140.7 211.1

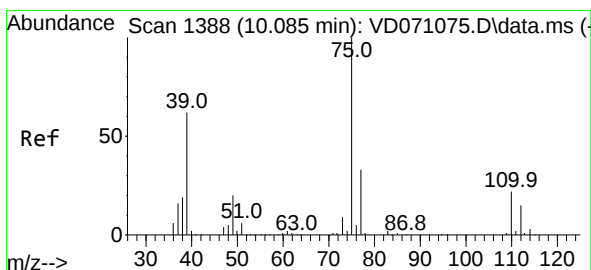
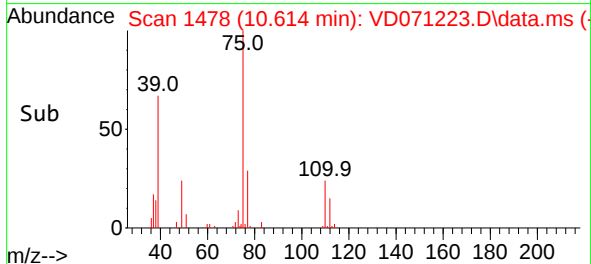
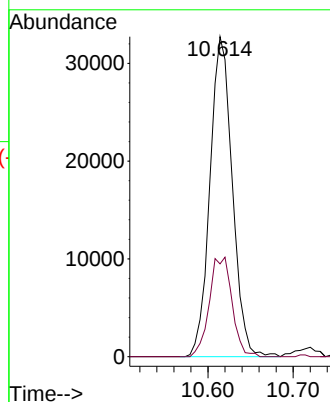
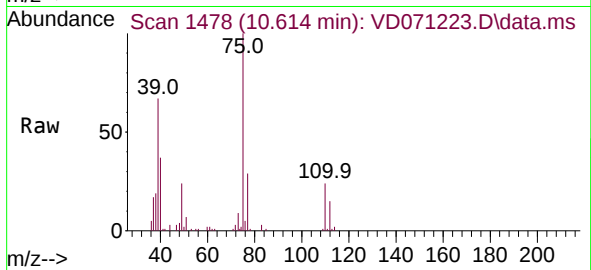




#53
 t-1,3-Dichloropropene
 Concen: 17.491 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071223.D
 Acq: 09 Dec 2021 12:53

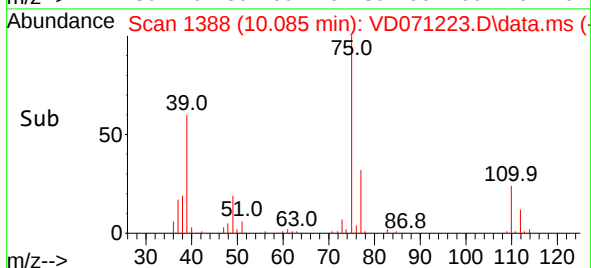
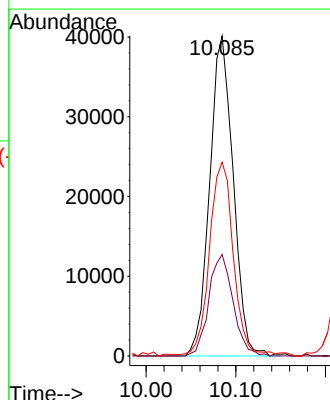
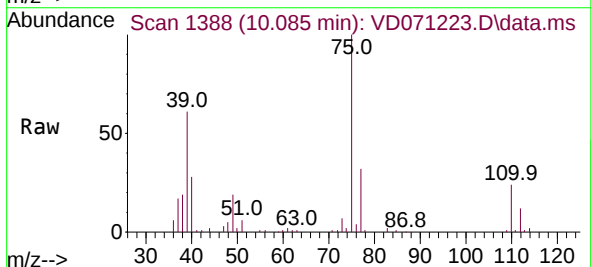
Instrument :
 MSVOA_D
 ClientSampleId :

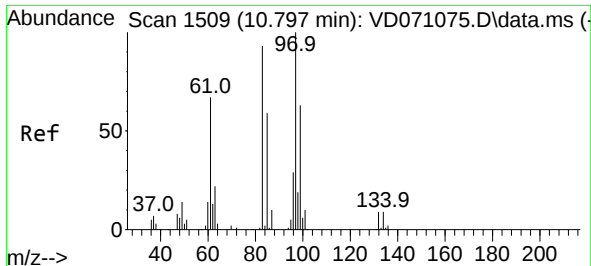
Tgt Ion: 75 Resp: 59685
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.010 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071223.D
 Acq: 09 Dec 2021 12:53

Tgt Ion: 75 Resp: 73003
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6
 39 60.1 31.6 47.4#

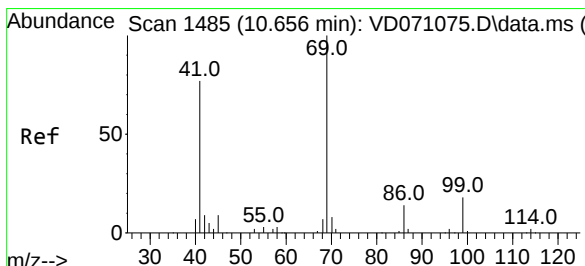
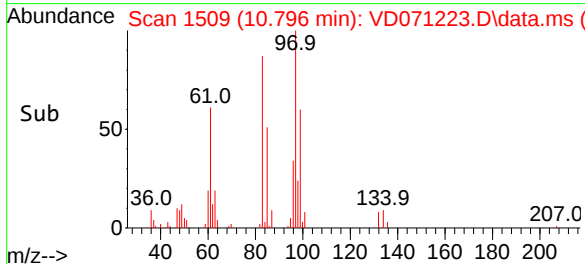
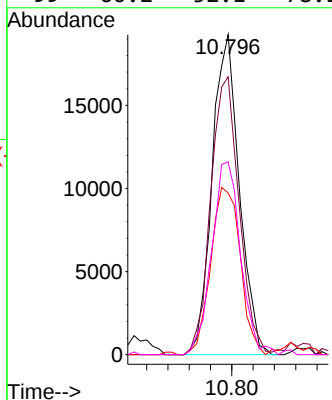
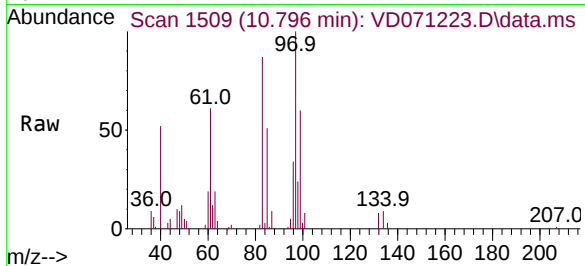




#55
1,1,2-Trichloroethane
Concen: 18.523 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

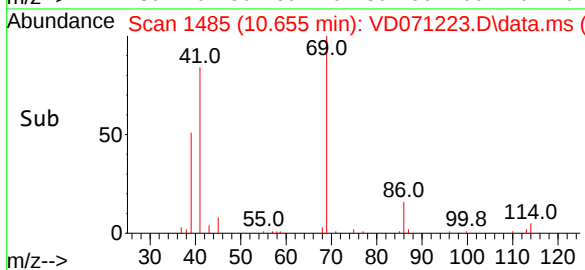
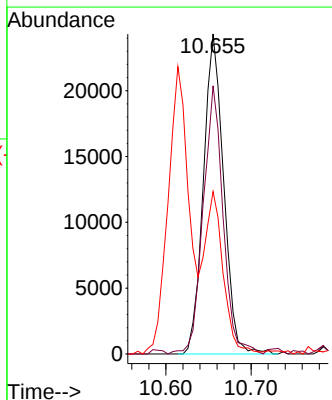
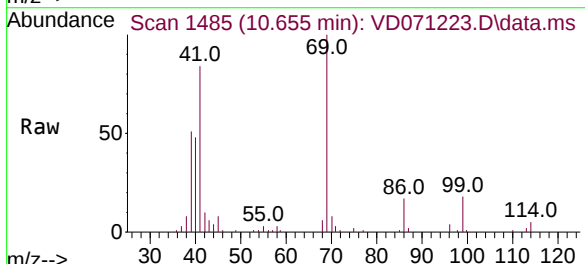
Instrument :
MSVOA_D
ClientSampleId :

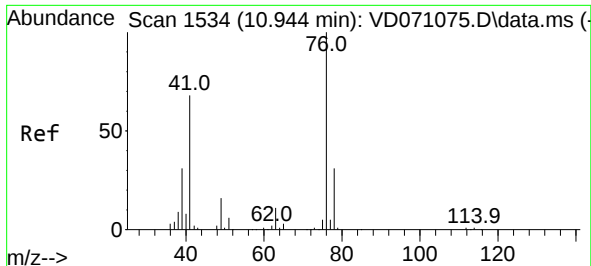
Tgt Ion:	97	Resp:	34103
Ion	Ratio	Lower	Upper
97	100		
83	86.8	65.2	97.8
85	50.5	43.4	65.0
99	60.2	52.1	78.1



#56
Ethyl methacrylate
Concen: 19.325 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion:	69	Resp:	40194
Ion	Ratio	Lower	Upper
69	100		
41	82.4	50.2	75.2#
39	45.2	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 18.814 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.006 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

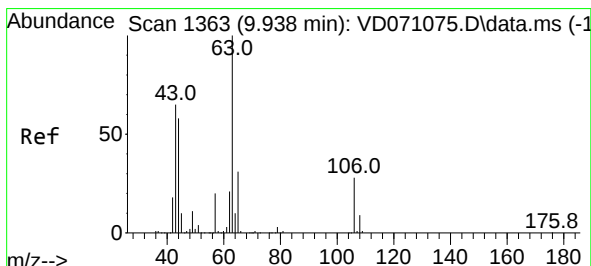
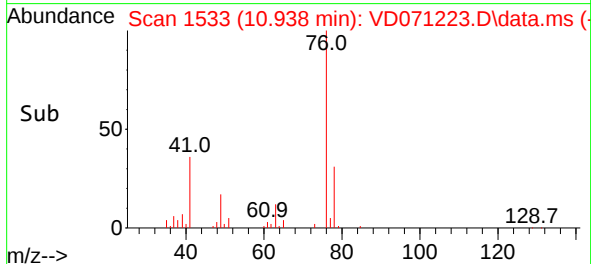
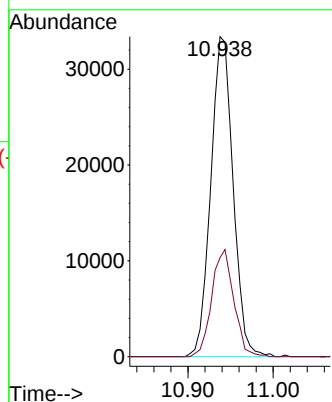
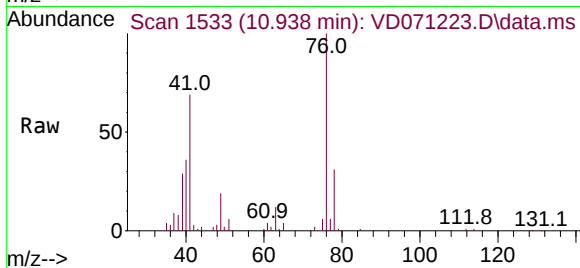
ClientSampleId :

Tgt Ion: 76 Resp: 60850

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 108.512 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071223.D

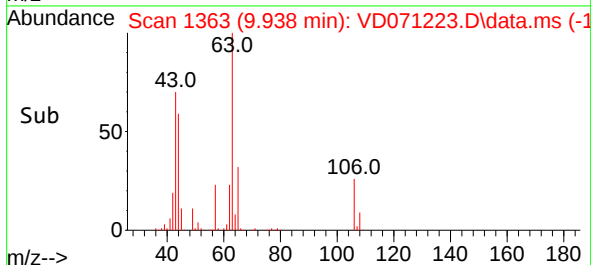
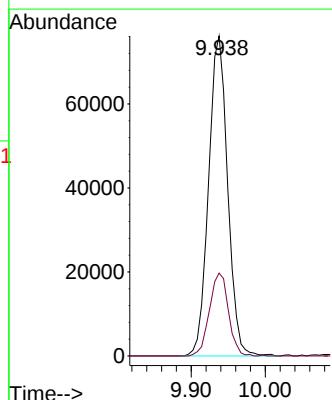
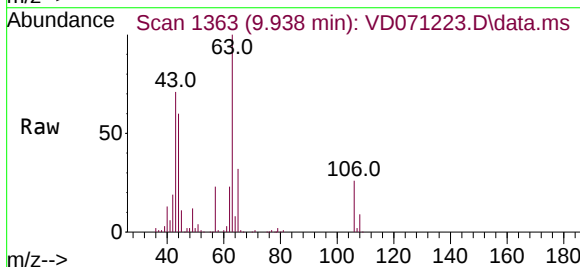
Acq: 09 Dec 2021 12:53

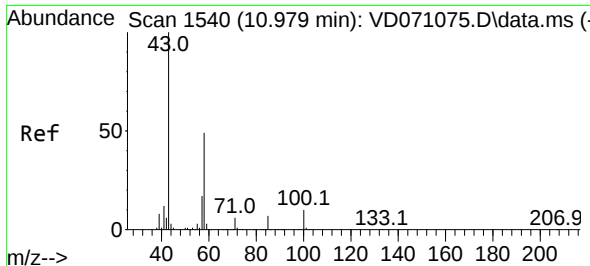
Tgt Ion: 63 Resp: 135946

Ion Ratio Lower Upper

63 100

106 25.8 21.0 31.4

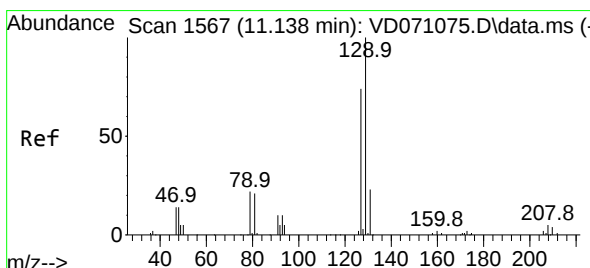
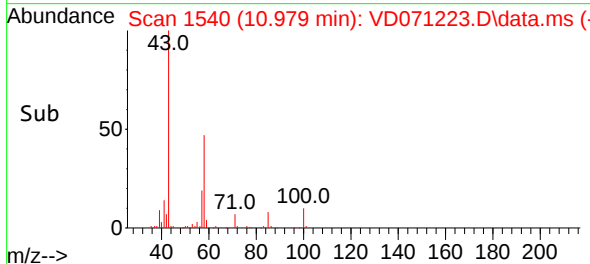
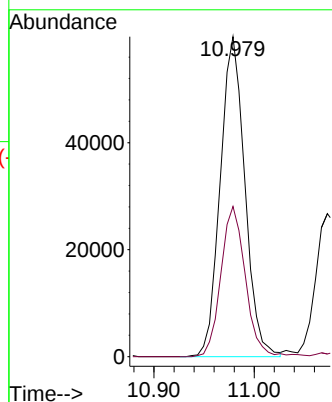
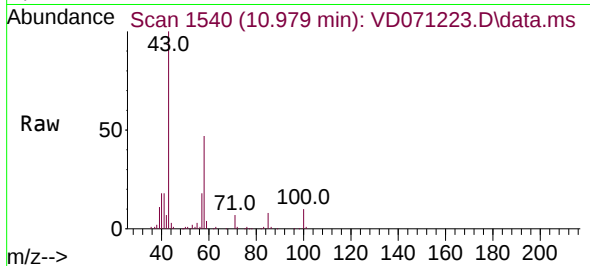




#59
2-Hexanone
Concen: 97.773 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

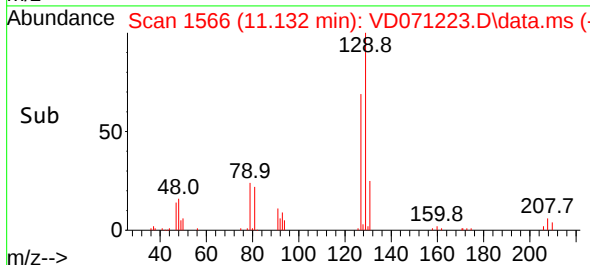
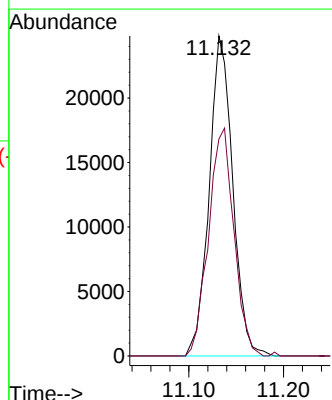
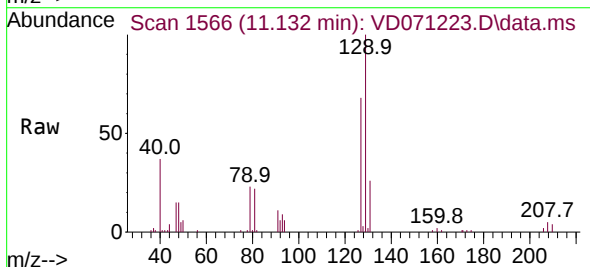
Instrument :
MSVOA_D
ClientSampleId :

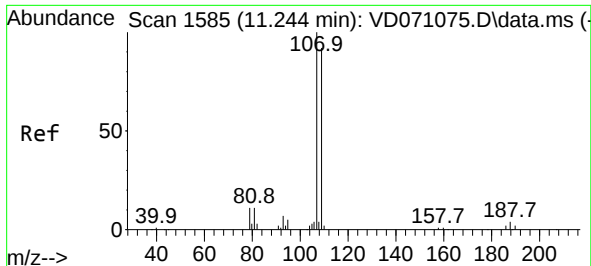
Tgt Ion: 43 Resp: 101935
Ion Ratio Lower Upper
43 100
58 46.8 28.7 86.1



#60
Dibromochloromethane
Concen: 18.721 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 129 Resp: 42837
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

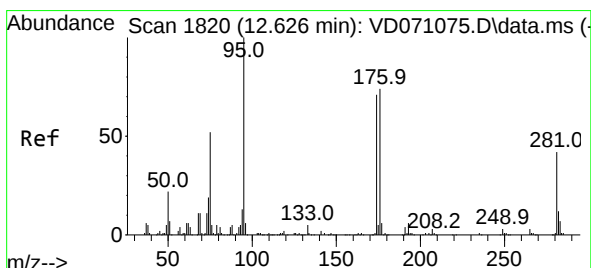
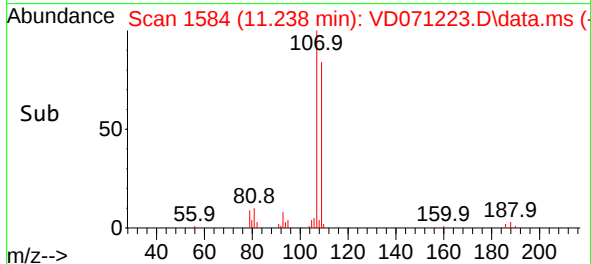
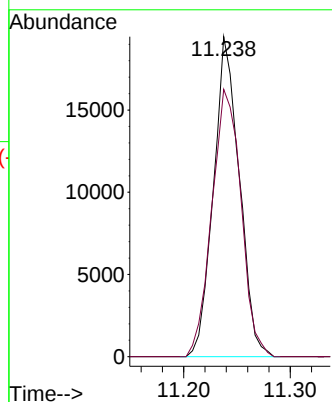
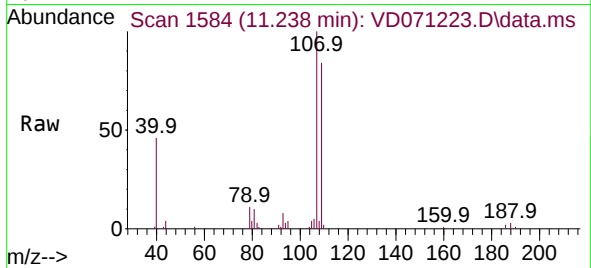




#61
1,2-Dibromoethane
Concen: 18.526 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

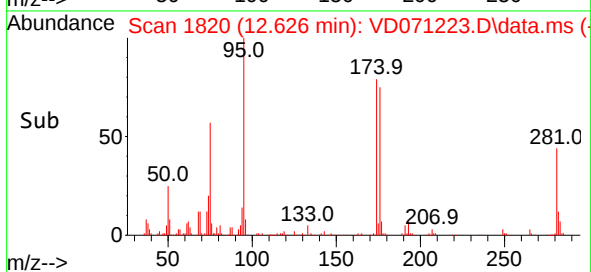
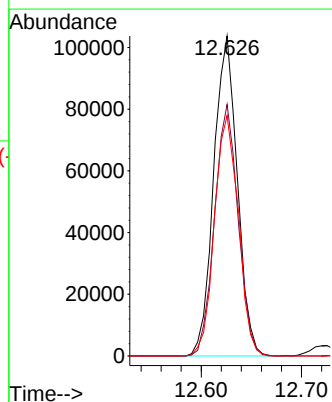
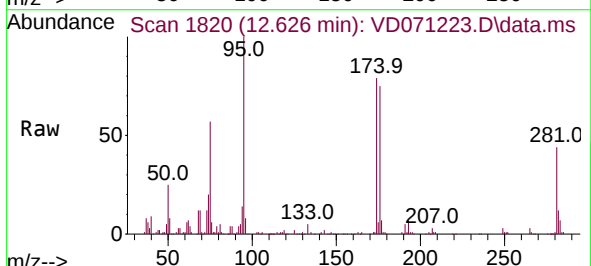
Instrument :
MSVOA_D
ClientSampleId :

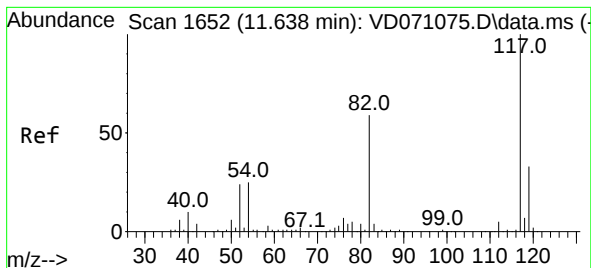
Tgt Ion:107 Resp: 32757
Ion Ratio Lower Upper
107 100
109 94.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 49.816 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 95 Resp: 169547
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.4
176 76.1 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

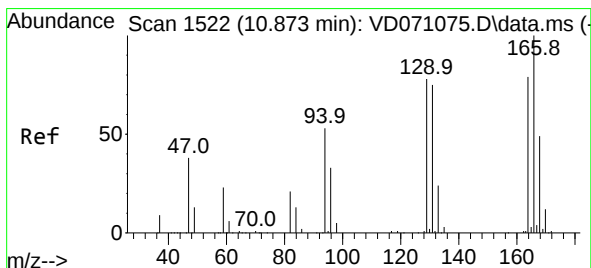
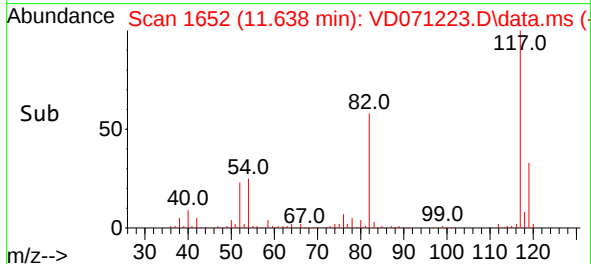
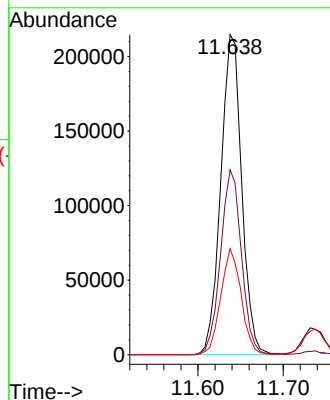
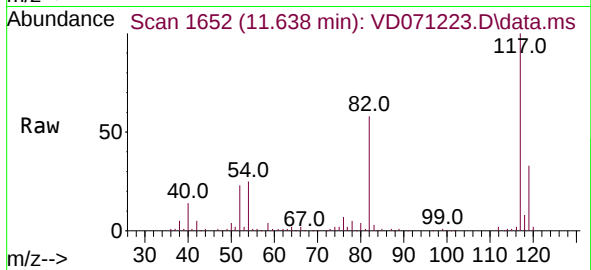
Tgt Ion:117 Resp: 367109

Ion Ratio Lower Upper

117 100

82 57.8 44.7 67.1

119 33.1 26.2 39.4



#64

Tetrachloroethene

Concen: 17.915 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Tgt Ion:164 Resp: 41752

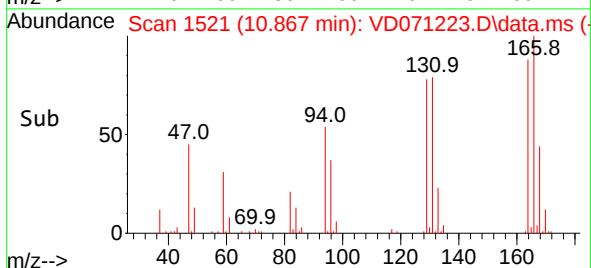
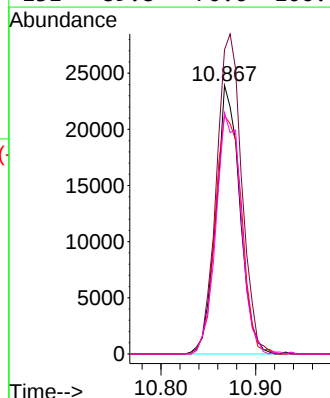
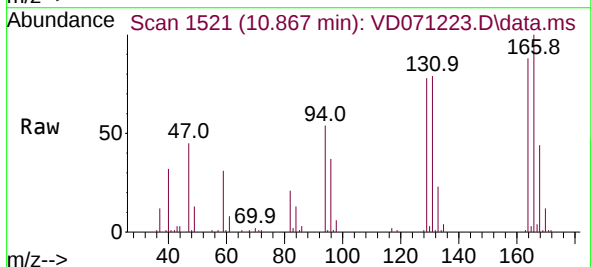
Ion Ratio Lower Upper

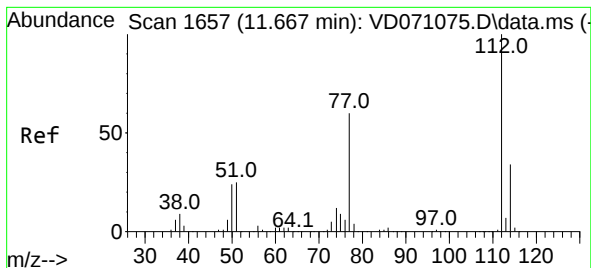
164 100

166 113.3 102.6 153.8

129 88.7 75.4 113.0

131 89.8 70.6 106.0





#65

Chlorobenzene

Concen: 18.530 ug/l

RT: 11.667 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

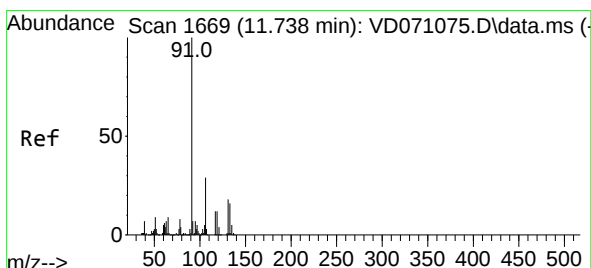
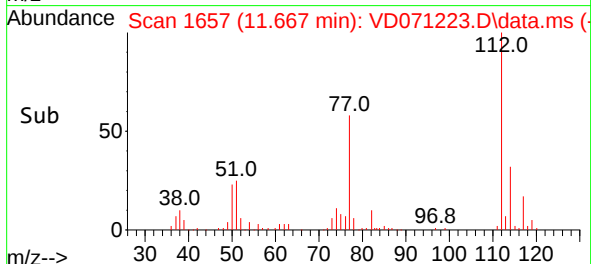
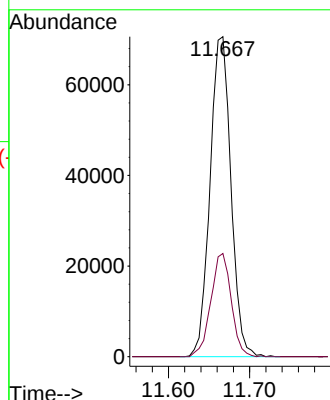
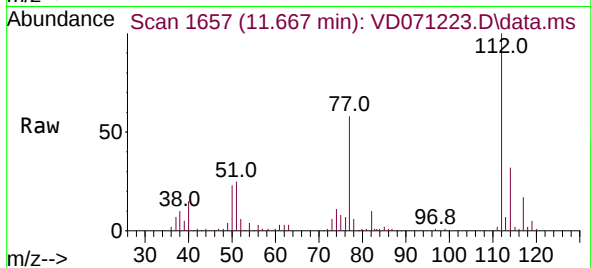
ClientSampleId :

Tgt Ion:112 Resp: 126214

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 18.686 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

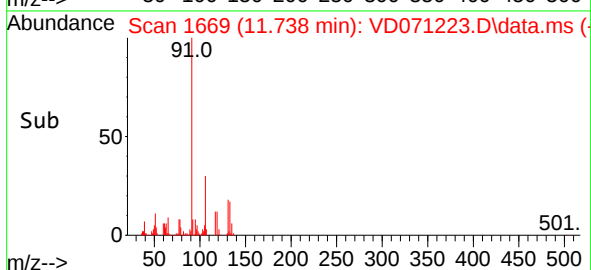
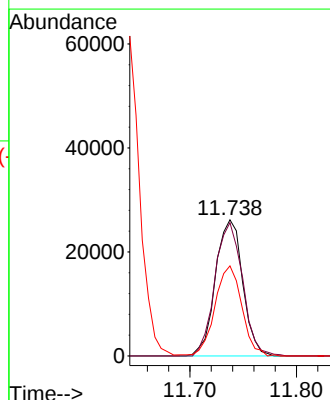
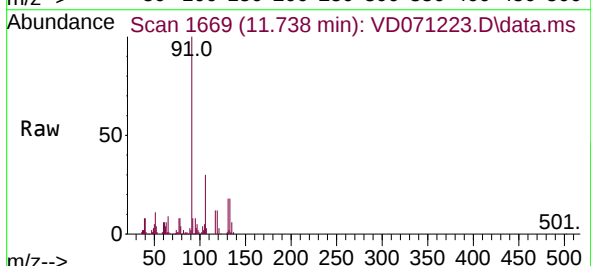
Tgt Ion:131 Resp: 46472

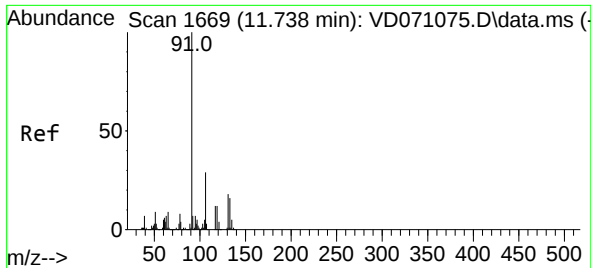
Ion Ratio Lower Upper

131 100

133 99.5 48.0 144.0

119 65.1 33.5 100.4

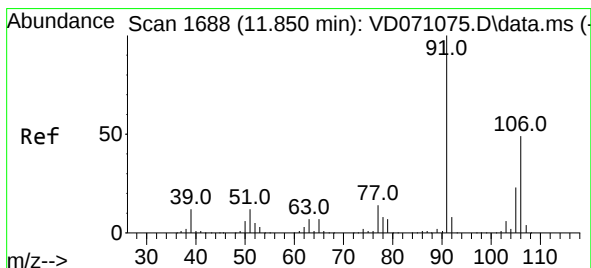
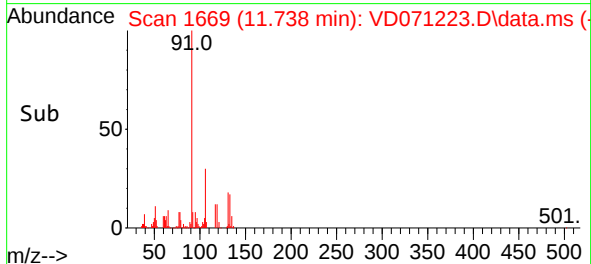
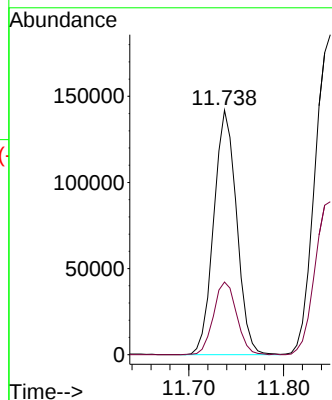
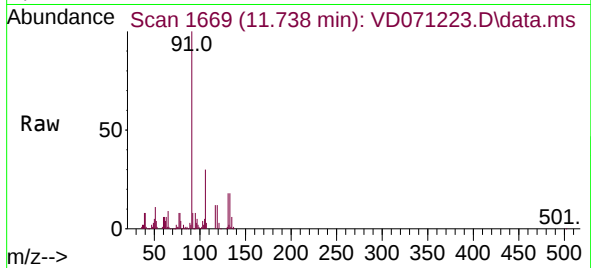




#67
Ethyl Benzene
Concen: 18.601 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

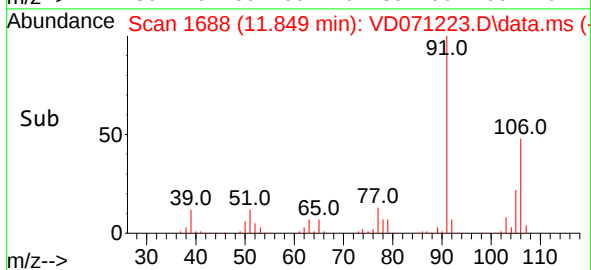
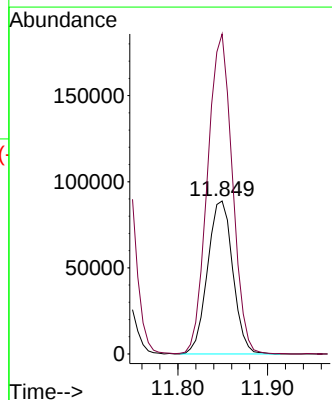
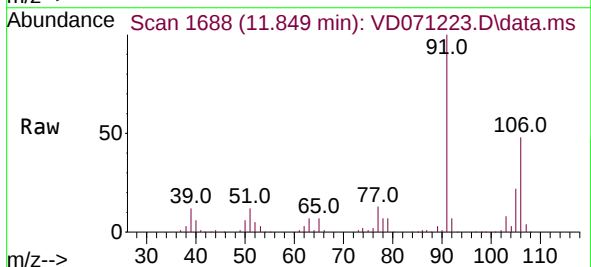
Instrument :
MSVOA_D
ClientSampleId :

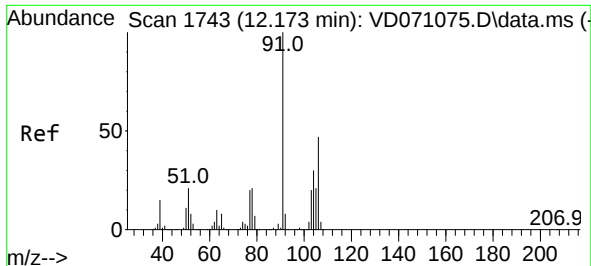
Tgt Ion: 91 Resp: 238514
Ion Ratio Lower Upper
91 100
106 29.7 24.6 36.8



#68
m/p-Xylenes
Concen: 35.851 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion:106 Resp: 173557
Ion Ratio Lower Upper
106 100
91 206.1 160.1 240.1

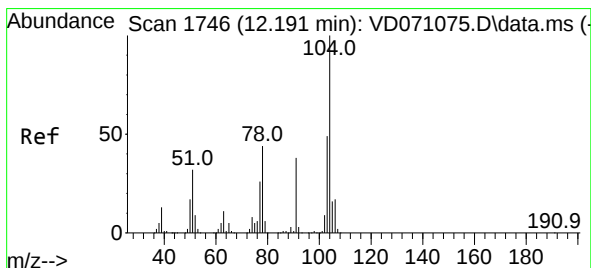
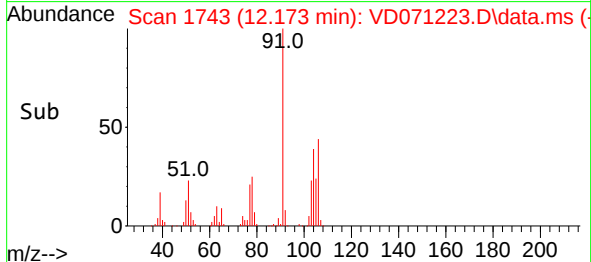
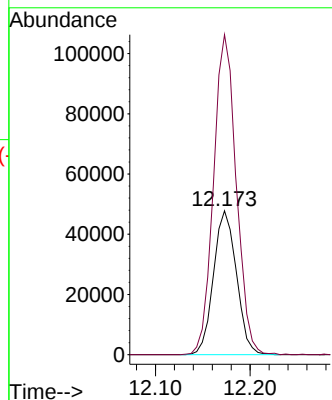
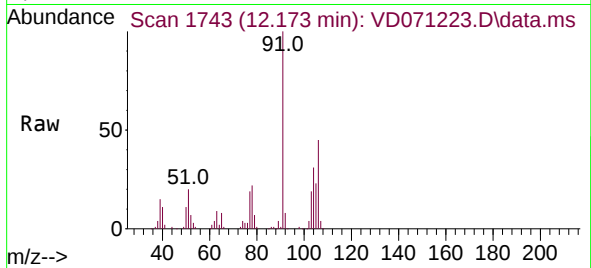




#69
o-Xylene
Concen: 17.691 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

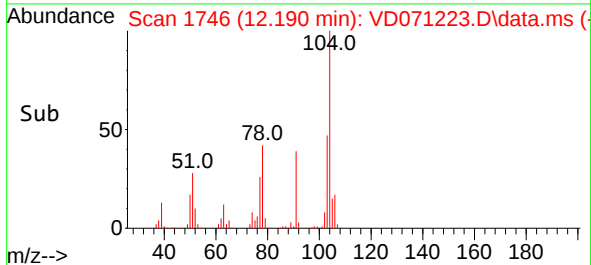
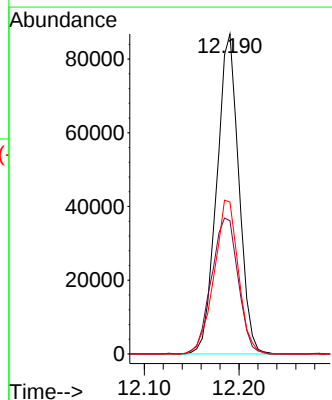
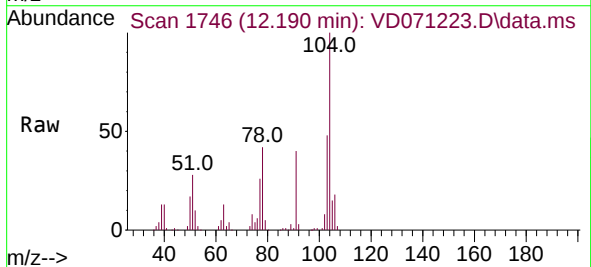
Instrument :
MSVOA_D
ClientSampleId :

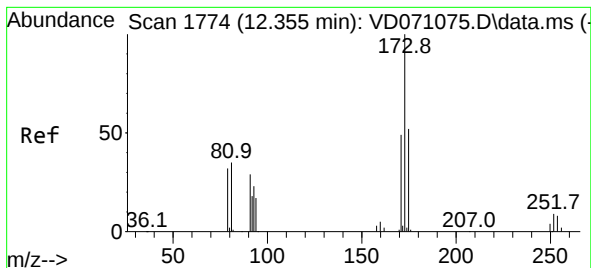
Tgt Ion:106 Resp: 80494
Ion Ratio Lower Upper
106 100
91 220.4 106.3 319.0



#70
Styrene
Concen: 18.347 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion:104 Resp: 140694
Ion Ratio Lower Upper
104 100
78 51.4 39.4 59.0
103 52.8 43.4 65.0





#71

Bromoform

Concen: 18.908 ug/l

RT: 12.355 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

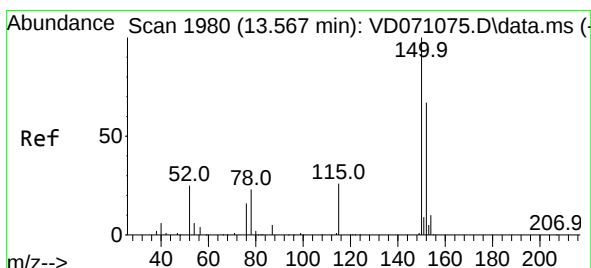
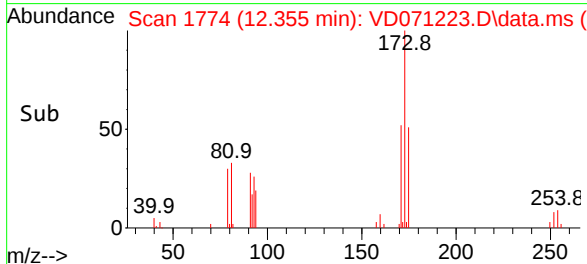
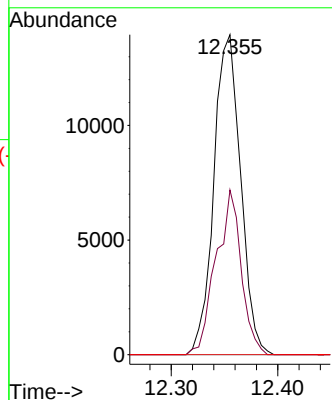
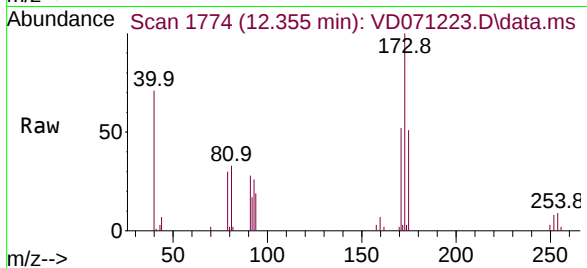
Tgt Ion:173 Resp: 24362

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

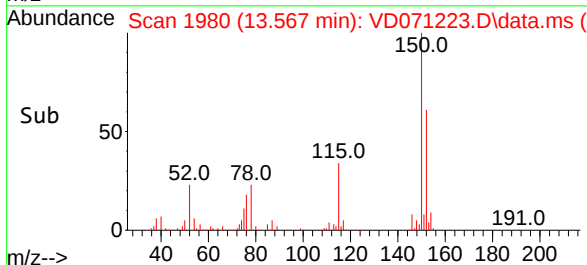
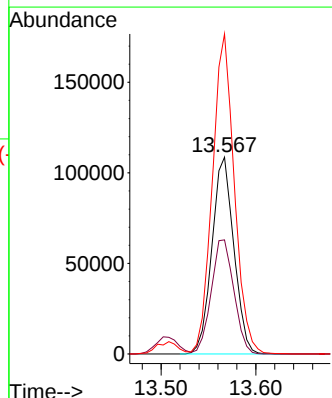
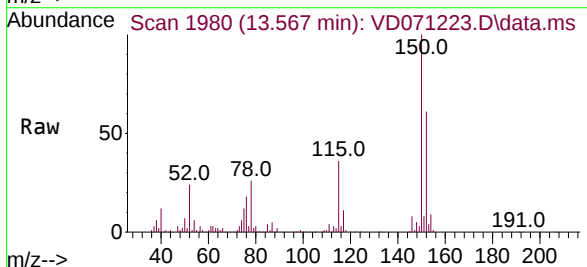
Tgt Ion:152 Resp: 174728

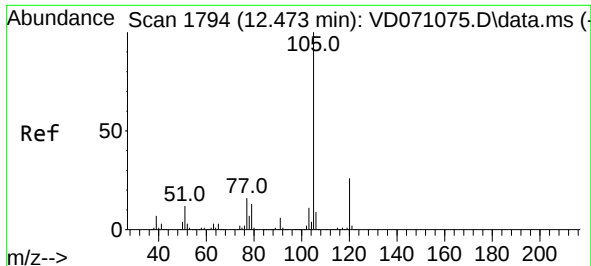
Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.3

150 162.7 0.0 349.2

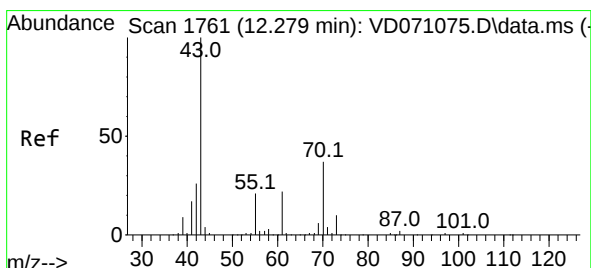
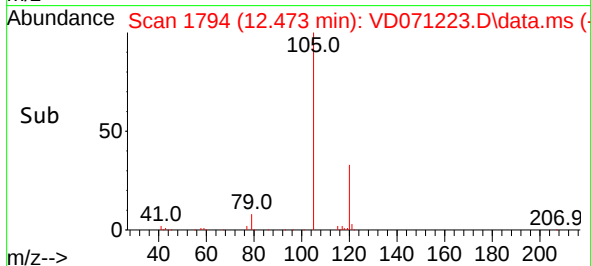
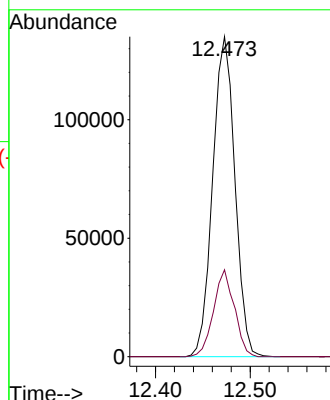
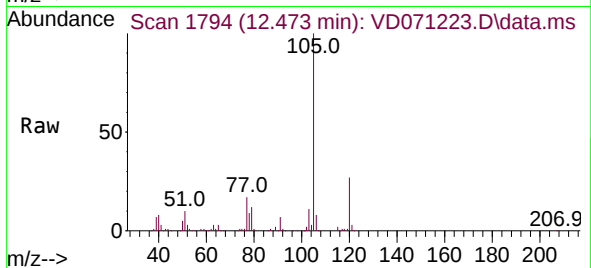




#73
Isopropylbenzene
Concen: 17.399 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

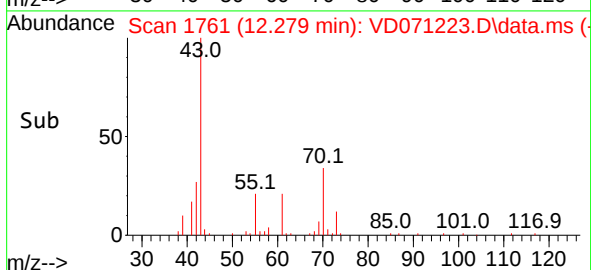
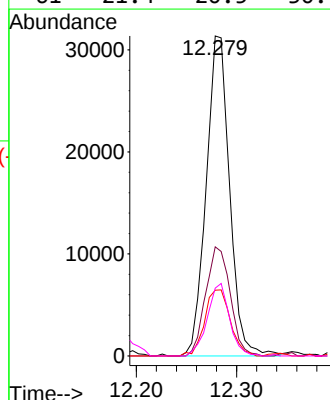
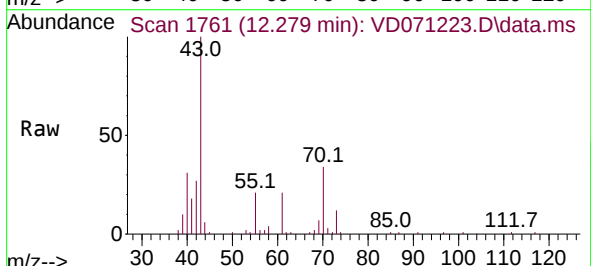
Instrument :
MSVOA_D
ClientSampleId :

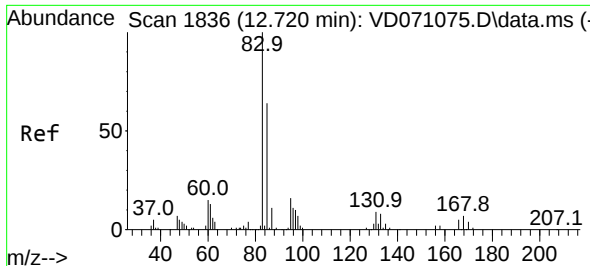
Tgt Ion:105 Resp: 220129
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5



#74
N-ethyl acetate
Concen: 18.743 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 43 Resp: 50989
Ion Ratio Lower Upper
43 100
70 35.6 36.6 55.0#
55 22.6 22.5 33.7
61 21.4 20.5 30.7

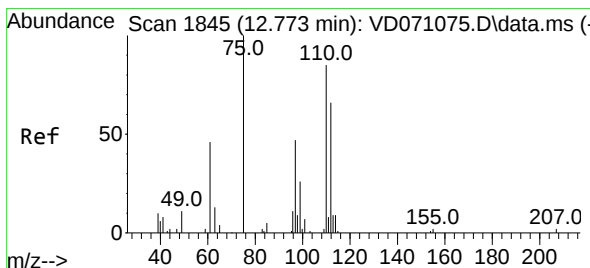
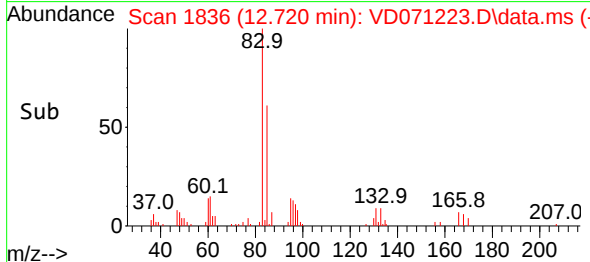
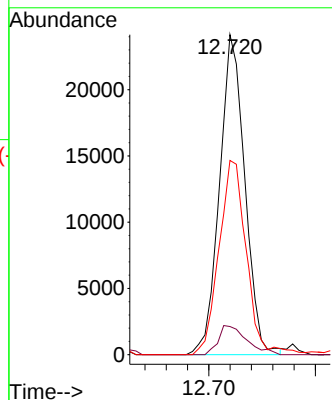
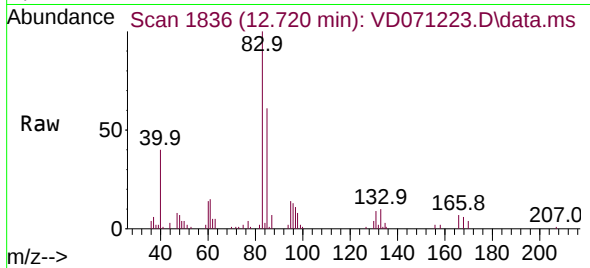




#75
1,1,2,2-Tetrachloroethane
Concen: 19.114 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

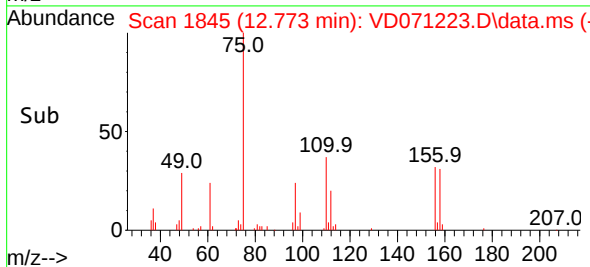
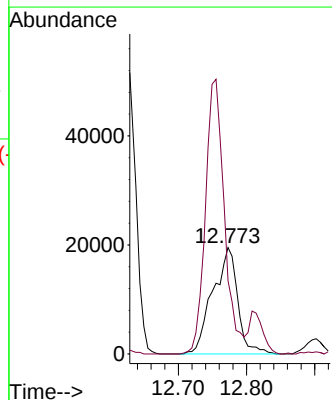
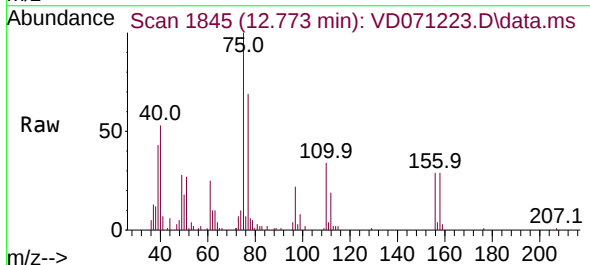
Instrument :
MSVOA_D
ClientSampleId :

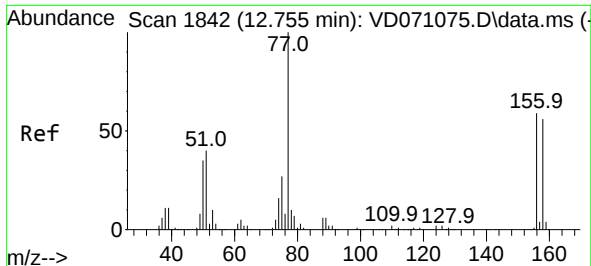
Tgt Ion: 83 Resp: 39824
Ion Ratio Lower Upper
83 100
131 10.2 4.9 14.7
85 65.7 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 29.822 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

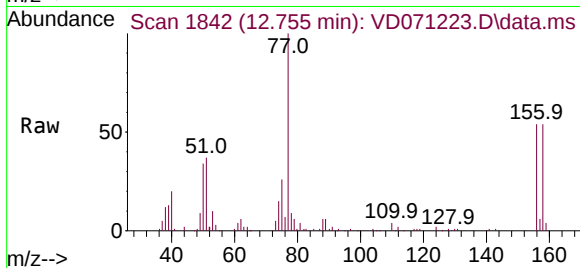
Tgt Ion: 75 Resp: 49646
Ion Ratio Lower Upper
75 100
77 196.6 158.4 475.3



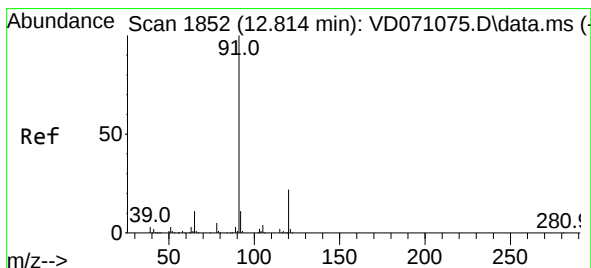
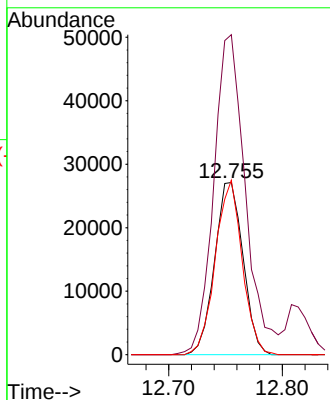
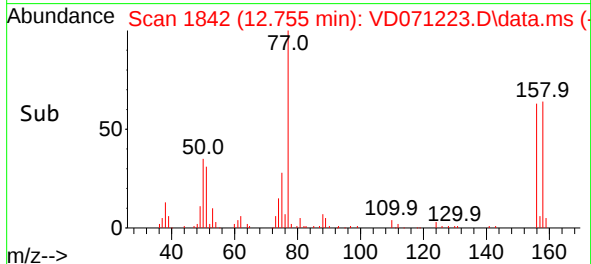


#77
Bromobenzene
Concen: 17.208 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

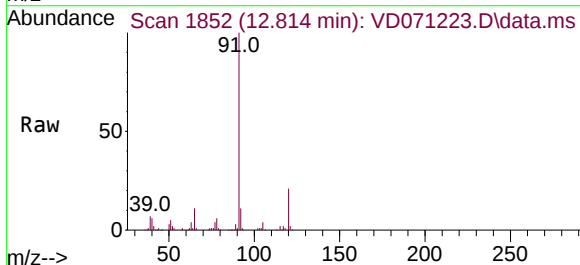
Instrument :
MSVOA_D
ClientSampleId :



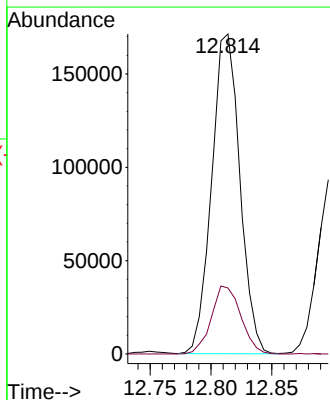
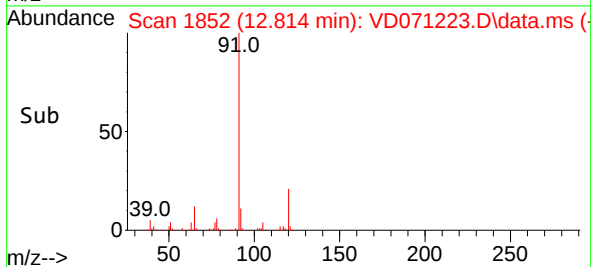
Tgt Ion:156 Resp: 47156
Ion Ratio Lower Upper
156 100
77 207.0 96.6 289.8
158 95.8 49.1 147.4

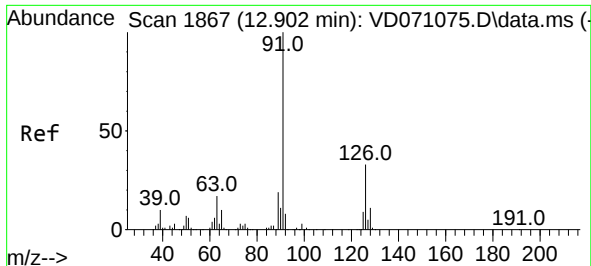


#78
n-propylbenzene
Concen: 17.540 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53



Tgt Ion: 91 Resp: 276361
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

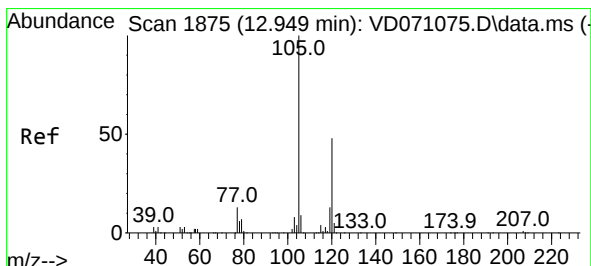
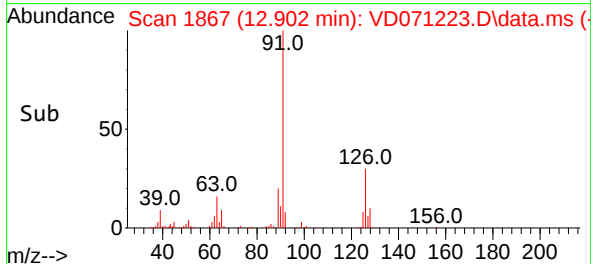
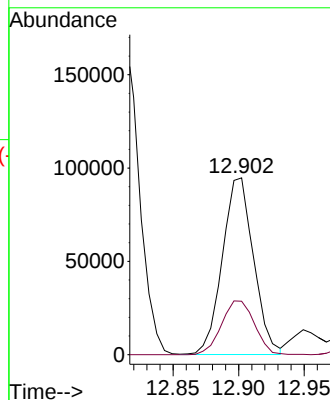
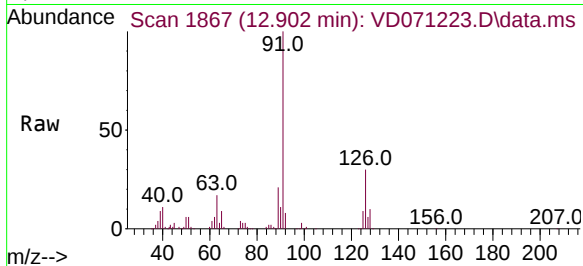




#79
2-Chlorotoluene
Concen: 17.735 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

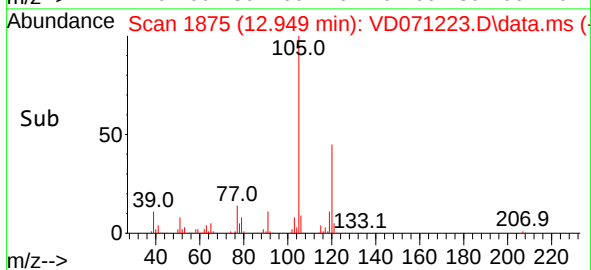
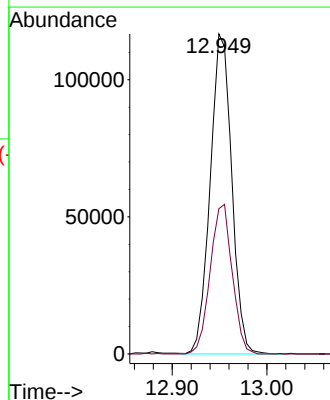
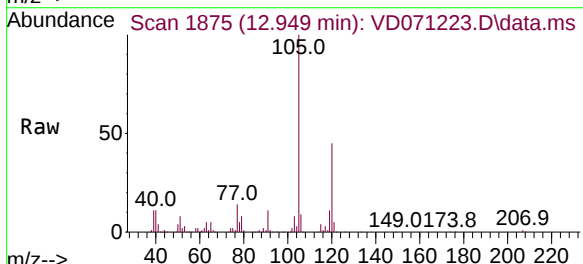
Instrument :
MSVOA_D
ClientSampleId :

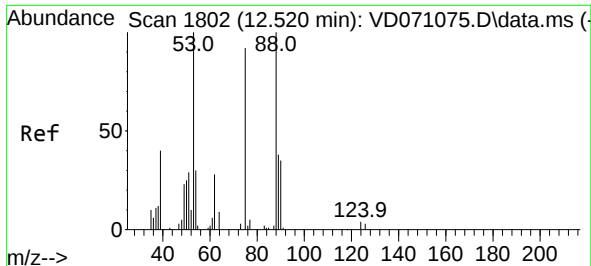
Tgt Ion: 91 Resp: 156832
Ion Ratio Lower Upper
91 100
126 32.2 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 17.723 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 105 Resp: 184903
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.8

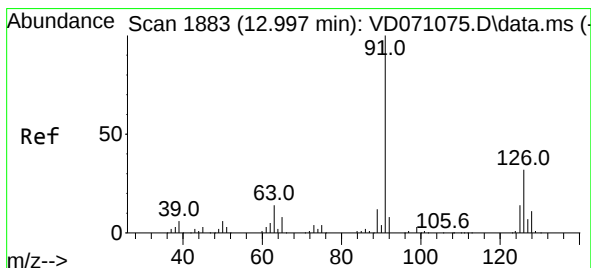
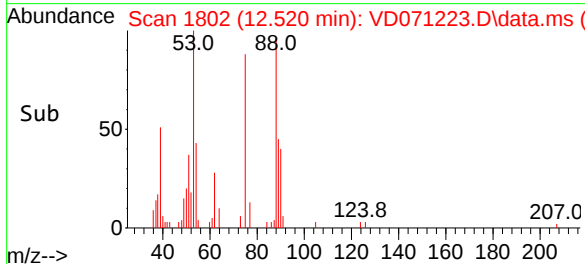
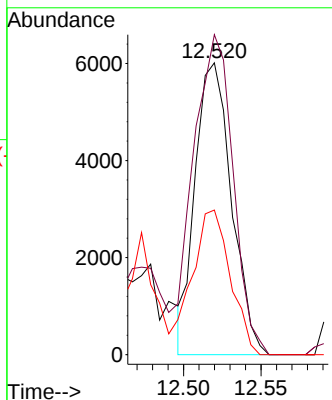
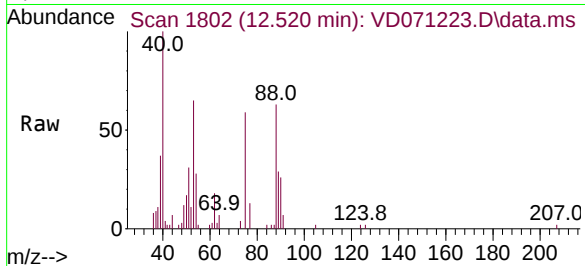




#81
trans-1,4-Dichloro-2-butene
Concen: 17.957 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

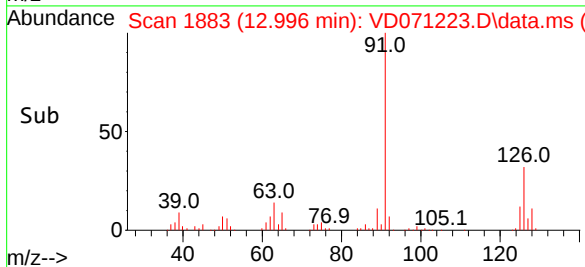
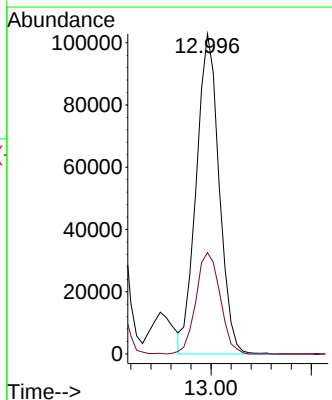
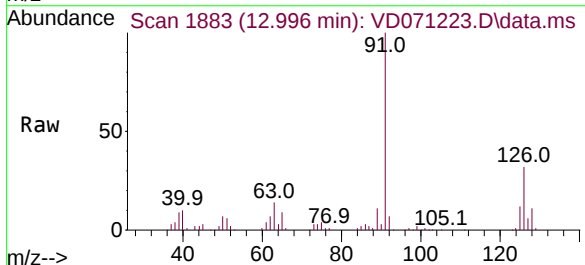
Instrument :
MSVOA_D
ClientSampleId :

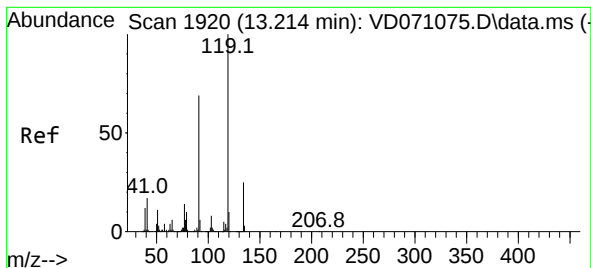
Tgt Ion: 75 Resp: 9804
Ion Ratio Lower Upper
75 100
53 120.8 62.6 94.0#
89 52.4 34.5 51.7#



#82
4-Chlorotoluene
Concen: 17.726 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 91 Resp: 162730
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.1





#83

tert-Butylbenzene

Concen: 17.060 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. -0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

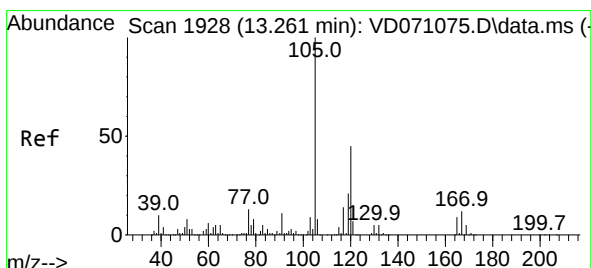
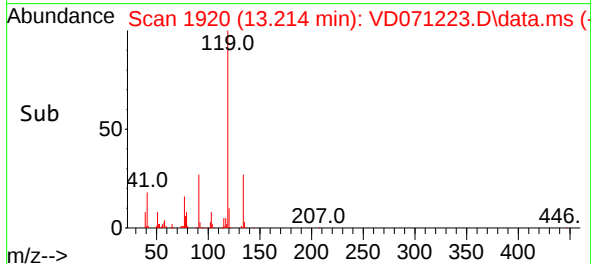
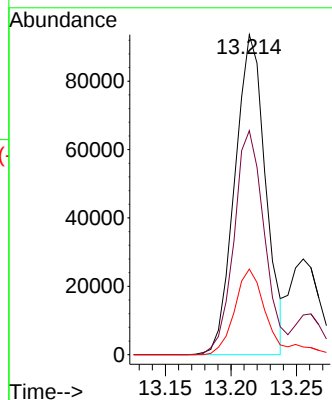
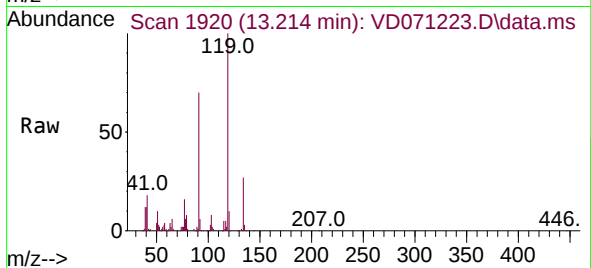
Tgt Ion:119 Resp: 152852

Ion Ratio Lower Upper

119 100

91 69.8 32.5 97.5

134 28.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 17.534 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.000 min

Lab File: VD071223.D

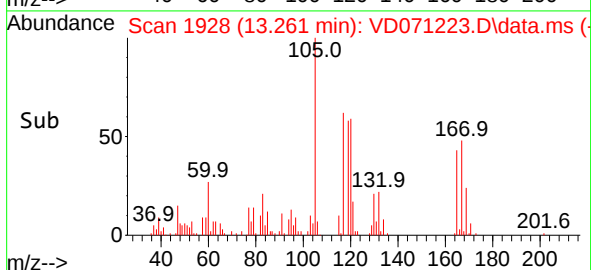
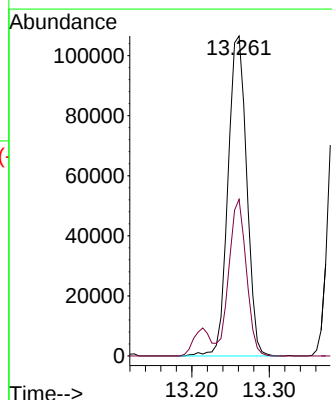
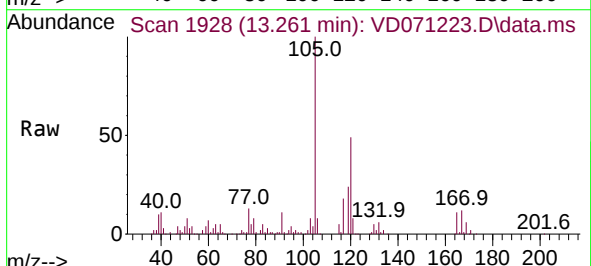
Acq: 09 Dec 2021 12:53

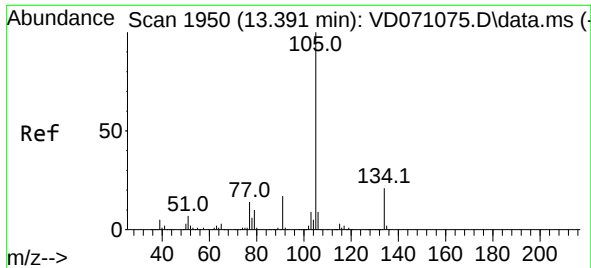
Tgt Ion:105 Resp: 178591

Ion Ratio Lower Upper

105 100

120 45.4 22.9 68.7

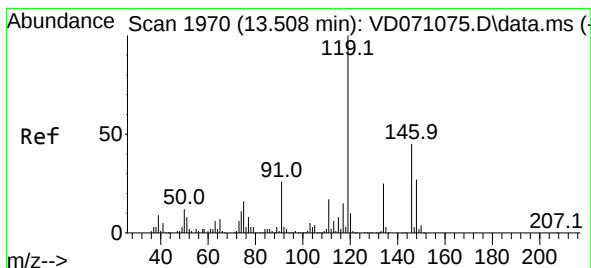
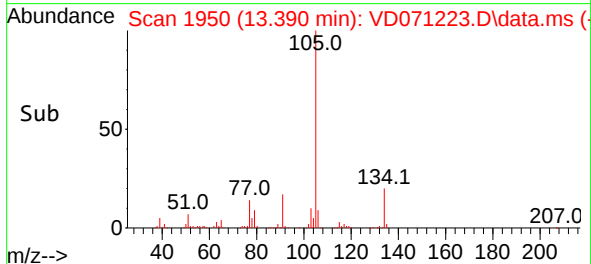
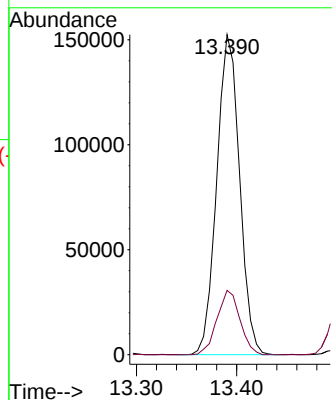
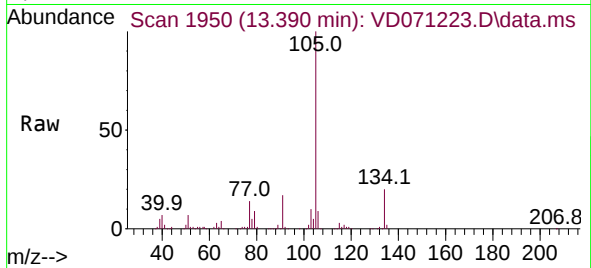




#85
 sec-Butylbenzene
 Concen: 17.602 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071223.D
 Acq: 09 Dec 2021 12:53

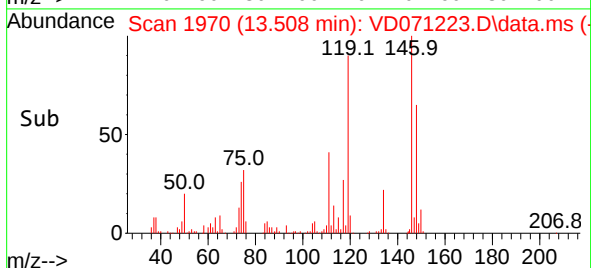
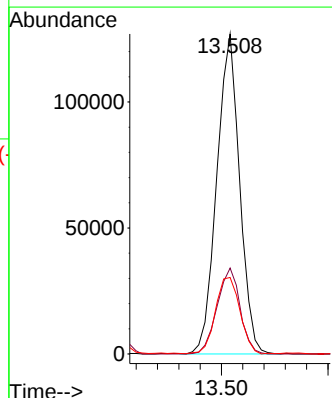
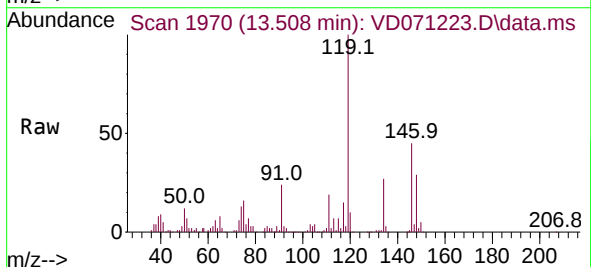
Instrument :
 MSVOA_D
 ClientSampleId :

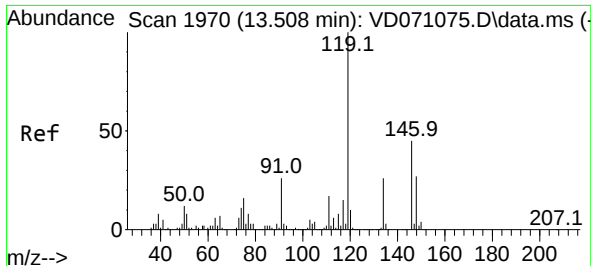
Tgt Ion:105 Resp: 240876
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 16.845 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071223.D
 Acq: 09 Dec 2021 12:53

Tgt Ion:119 Resp: 188536
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 38.9
 91 25.4 11.4 34.2

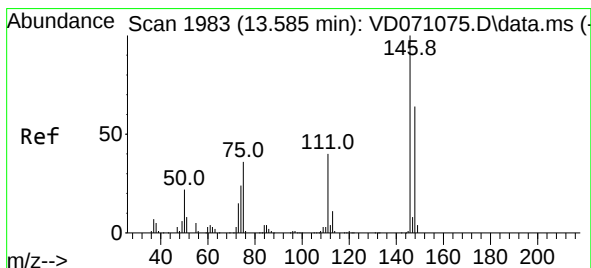
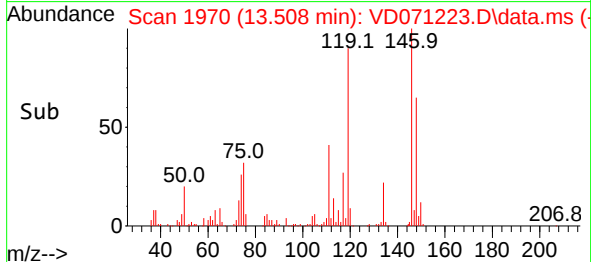
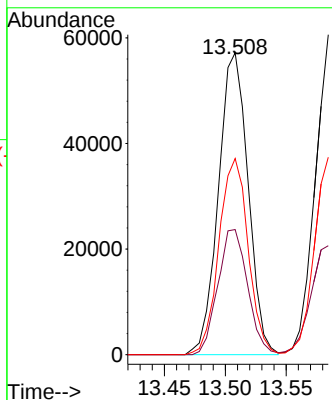
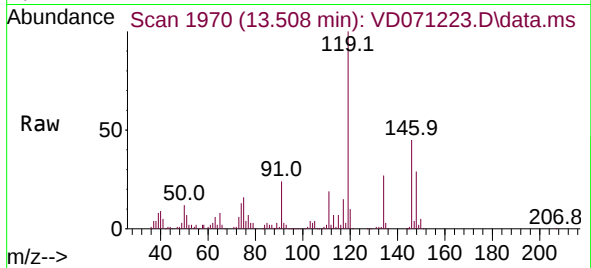




#87
1,3-Dichlorobenzene
Concen: 17.751 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

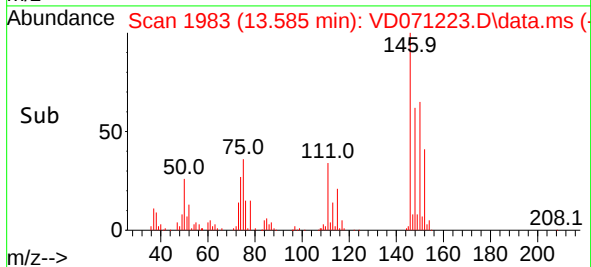
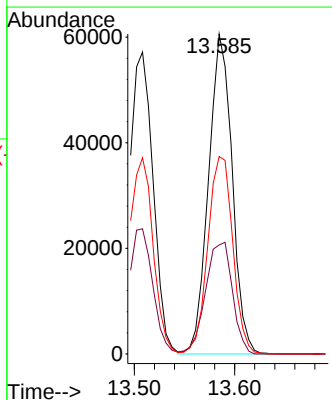
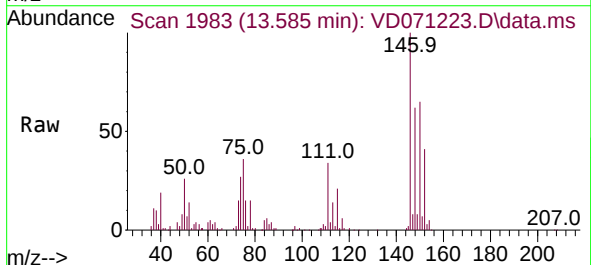
Instrument :
MSVOA_D
ClientSampleId :

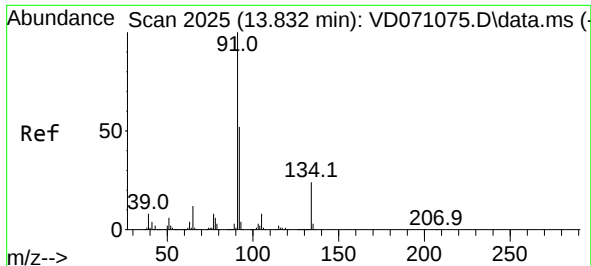
Tgt Ion:146 Resp: 96832
Ion Ratio Lower Upper
146 100
111 41.6 19.8 59.4
148 64.0 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 18.324 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion:146 Resp: 99036
Ion Ratio Lower Upper
146 100
111 39.7 19.6 58.8
148 65.2 31.5 94.5

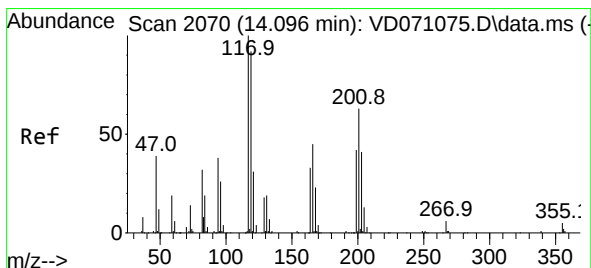
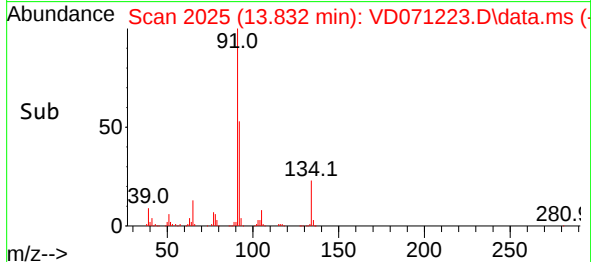
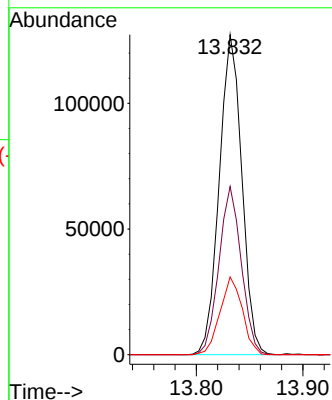
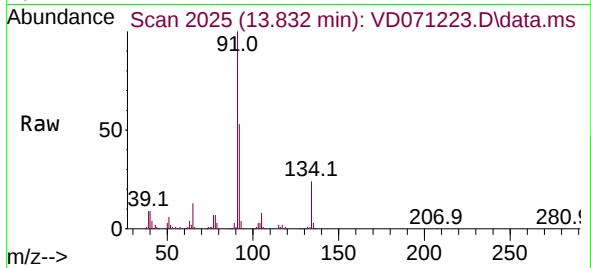




#89
n-Butylbenzene
Concen: 17.121 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

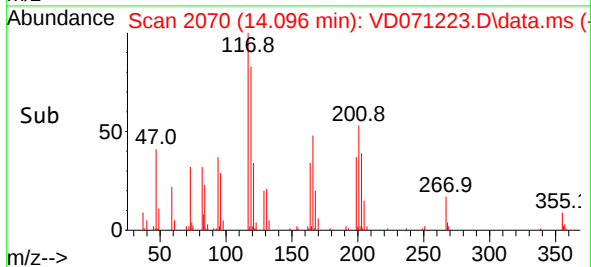
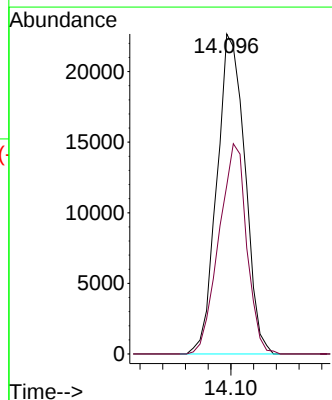
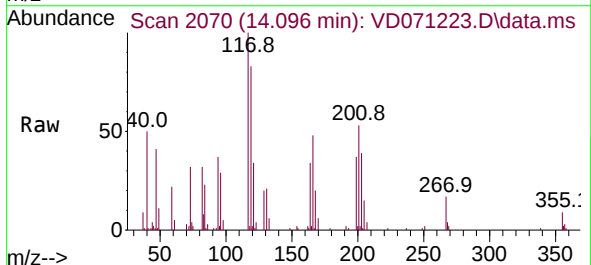
Instrument :
MSVOA_D
ClientSampleId :

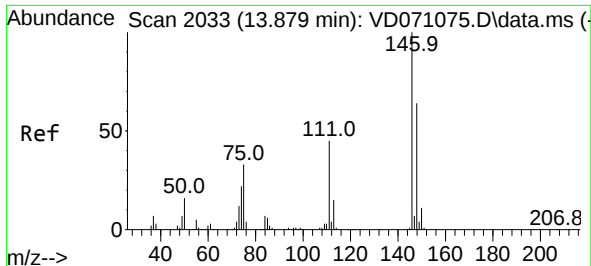
Tgt Ion: 91 Resp: 187071
Ion Ratio Lower Upper
91 100
92 52.1 27.3 81.9
134 24.1 12.3 36.9



#90
Hexachloroethane
Concen: 18.275 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 117 Resp: 38774
Ion Ratio Lower Upper
117 100
201 65.1 36.0 108.1

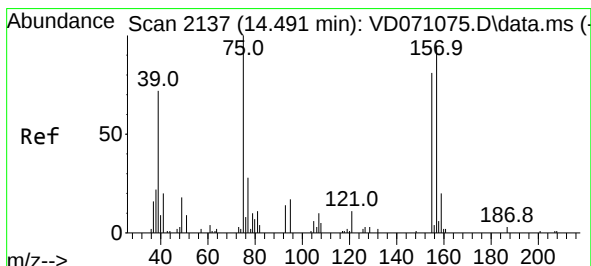
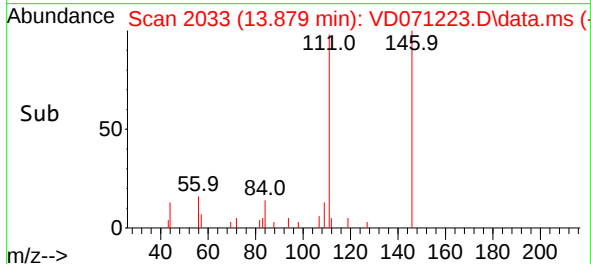
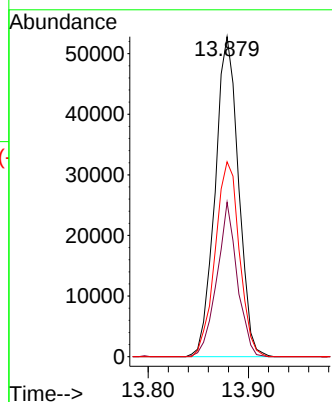
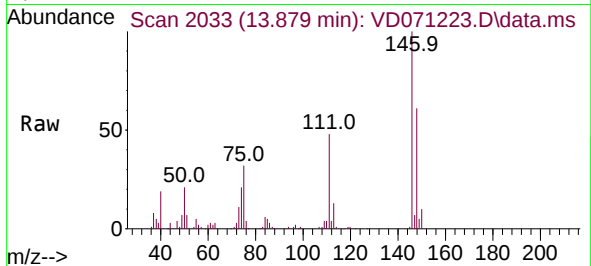




#91
1,2-Dichlorobenzene
Concen: 18.446 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

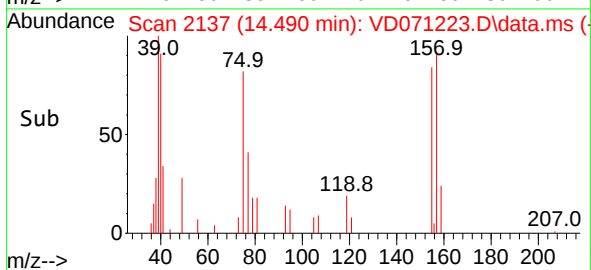
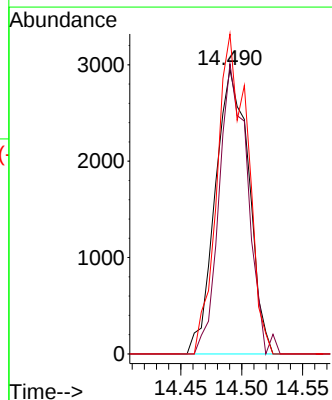
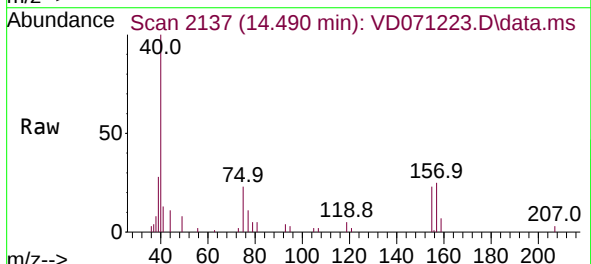
Instrument :
MSVOA_D
ClientSampleId :

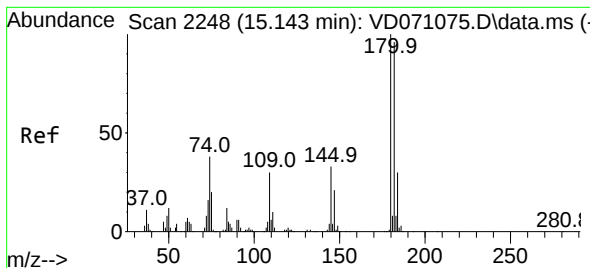
Tgt Ion:146 Resp: 85572
Ion Ratio Lower Upper
146 100
111 42.0 20.8 62.2
148 62.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.614 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071223.D
Acq: 09 Dec 2021 12:53

Tgt Ion: 75 Resp: 5637
Ion Ratio Lower Upper
75 100
155 86.5 40.0 120.0
157 102.7 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 16.846 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

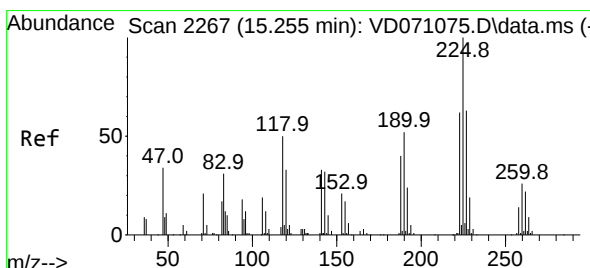
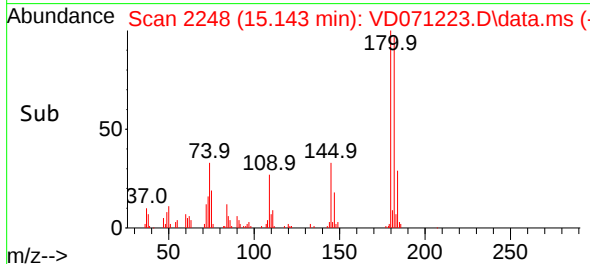
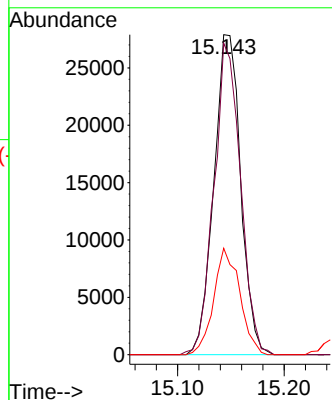
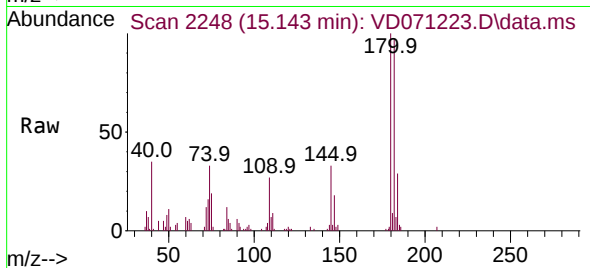
Tgt Ion:180 Resp: 48747

Ion Ratio Lower Upper

180 100

182 96.6 48.2 144.6

145 32.3 15.4 46.2



#94

Hexachlorobutadiene

Concen: 16.554 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.000 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

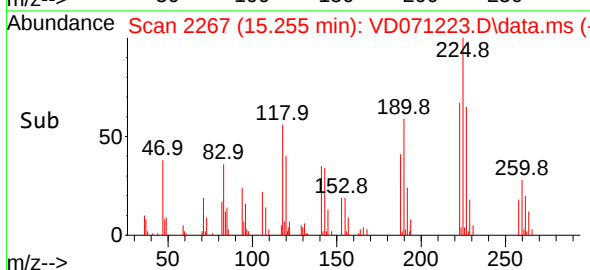
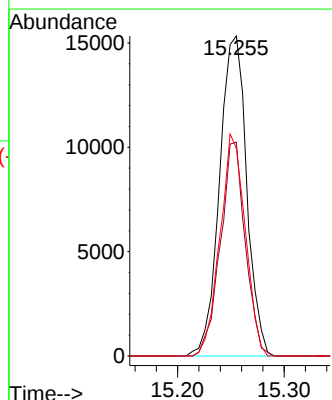
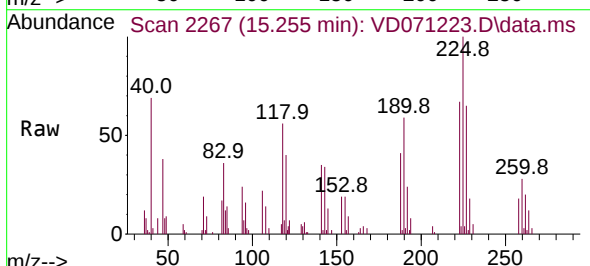
Tgt Ion:225 Resp: 27103

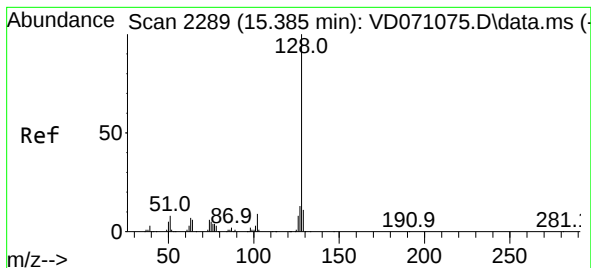
Ion Ratio Lower Upper

225 100

223 61.4 31.8 95.3

227 64.6 31.6 94.8





#95

Naphthalene

Concen: 16.764 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD071223.D

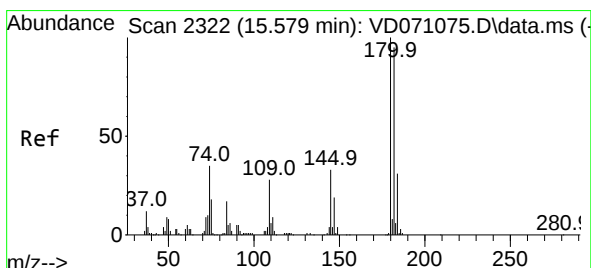
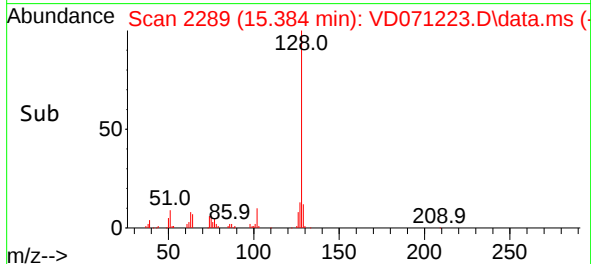
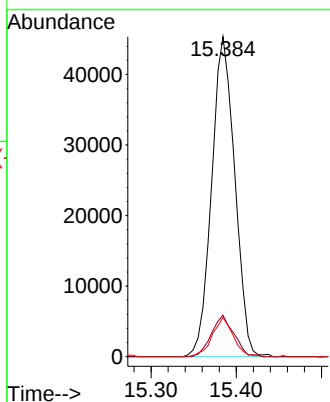
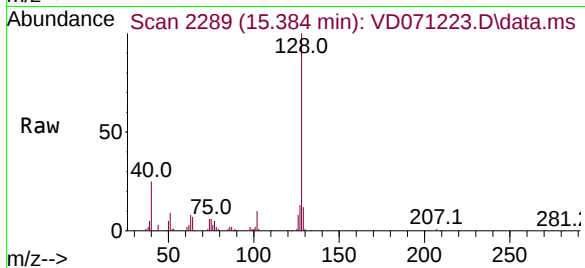
Acq: 09 Dec 2021 12:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	85515
Ion Ratio	Lower	Upper
128	100	
127	12.6	10.7 16.1
129	11.0	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.498 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD071223.D

Acq: 09 Dec 2021 12:53

Tgt Ion:180	Resp:	40548
Ion Ratio	Lower	Upper
180	100	
182	94.6	46.7 140.1
145	36.1	15.9 47.6

