

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120921\
 Data File : VD071219.D
 Acq On : 09 Dec 2021 09:54
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 10 06:41:05 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	245550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	412183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	369363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	180496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145825	50.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.220%	
35) Dibromofluoromethane	7.914	113	138066	52.602	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.338	98	495443	49.601	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	12.626	95	178139	51.450	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.900%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	97849	46.729	ug/l	92
3) Chloromethane	2.215	50	141520	51.086	ug/l	99
4) Vinyl Chloride	2.356	62	172624	55.853	ug/l	96
5) Bromomethane	2.773	94	121474	54.522	ug/l	97
6) Chloroethane	2.926	64	126229	59.382	ug/l	88
7) Trichlorofluoromethane	3.279	101	222204	53.072	ug/l	96
8) Diethyl Ether	3.709	74	63211	55.691	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	136208	55.142	ug/l	94
10) Methyl Iodide	4.303	142	132570	46.517	ug/l	95
11) Tert butyl alcohol	5.203	59	49499	271.963	ug/l #	90
12) 1,1-Dichloroethene	4.079	96	118189	51.848	ug/l	87
13) Acrolein	3.920	56	36506	185.409	ug/l	100
14) Allyl chloride	4.720	41	234804	54.229	ug/l #	81
15) Acrylonitrile	5.420	53	161151	291.937	ug/l	96
16) Acetone	4.150	43	206035	266.922	ug/l	88
17) Carbon Disulfide	4.414	76	318508	47.723	ug/l	96
18) Methyl Acetate	4.714	43	119044	55.999	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	310656	55.608	ug/l	97
20) Methylene Chloride	4.961	84	149294	51.471	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	137427	53.557	ug/l	93
22) Diisopropyl ether	6.361	45	494092	56.956	ug/l	90
23) Vinyl Acetate	6.303	43	1192825	253.804	ug/l	98
24) 1,1-Dichloroethane	6.267	63	281282	56.373	ug/l	99
25) 2-Butanone	7.208	43	230877	260.001	ug/l	90
26) 2,2-Dichloropropane	7.208	77	239019	52.680	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	163149	56.200	ug/l	93
28) Bromochloromethane	7.544	49	116016	53.533	ug/l	90
29) Tetrahydrofuran	7.561	42	132040	288.604	ug/l	91
30) Chloroform	7.708	83	287264	57.366	ug/l	97
31) Cyclohexane	7.985	56	242728	49.527	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	254147	56.529	ug/l	94
36) 1,1-Dichloropropene	8.108	75	210328	54.597	ug/l	97
37) Ethyl Acetate	7.291	43	89993	54.079	ug/l	96
38) Carbon Tetrachloride	8.097	117	219000	57.670	ug/l	97
39) Methylcyclohexane	9.349	83	240585	51.922	ug/l	100
40) Benzene	8.350	78	581480	55.569	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	57393	66.247	ug/l #	76
42) 1,2-Dichloroethane	8.420	62	185507	58.077	ug/l	94
43) Isopropyl Acetate	8.450	43	183220	50.034	ug/l #	89
44) Trichloroethene	9.108	130	154977	55.547	ug/l	100
45) 1,2-Dichloropropane	9.385	63	156851	56.998	ug/l	99
46) Dibromomethane	9.473	93	80736	56.549	ug/l	95
47) Bromodichloromethane	9.655	83	221560	58.679	ug/l	96
48) Methyl methacrylate	9.449	41	93196	57.214	ug/l #	79
49) 1,4-Dioxane	9.461	88	16569	1202.223	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	485991	257.888	ug/l	90
52) Toluene	10.402	92	370896	55.863	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	197206	56.807	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	232519	56.388	ug/l #	85
55) 1,1,2-Trichloroethane	10.796	97	108911	58.149	ug/l	96
56) Ethyl methacrylate	10.655	69	136281	50.478	ug/l #	74
57) 1,3-Dichloropropane	10.943	76	191327	58.149	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	348701	273.594	ug/l	99
59) 2-Hexanone	10.979	43	358168	252.856	ug/l	89
60) Dibromochloromethane	11.138	129	141487	60.781	ug/l	98
61) 1,2-Dibromoethane	11.243	107	102560	57.016	ug/l	99
64) Tetrachloroethene	10.873	164	125267	53.421	ug/l	96
65) Chlorobenzene	11.667	112	390306	56.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	146135	58.401	ug/l	97
67) Ethyl Benzene	11.738	91	729318	56.530	ug/l	99
68) m/p-Xylenes	11.849	106	552229	113.377	ug/l	96
69) o-Xylene	12.173	106	258760	56.524	ug/l	95
70) Styrene	12.190	104	445900	57.793	ug/l	97
71) Bromoform	12.355	173	75699	58.394	ug/l #	98
73) Isopropylbenzene	12.473	105	710195	54.340	ug/l	99
74) N-amyl acetate	12.279	43	175697	49.204	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	120882	56.165	ug/l	99
76) 1,2,3-Trichloropropane	12.779	75	158591	92.221	ug/l #	1
77) Bromobenzene	12.749	156	151408	53.486	ug/l	95
78) n-propylbenzene	12.814	91	891377	54.767	ug/l	100
79) 2-Chlorotoluene	12.902	91	488725	53.501	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	584560	54.240	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	33286	45.818	ug/l #	72
82) 4-Chlorotoluene	12.996	91	509342	53.708	ug/l	100
83) tert-Butylbenzene	13.214	119	502626	54.306	ug/l	95
84) 1,2,4-Trimethylbenzene	13.261	105	581505	55.266	ug/l	98
85) sec-Butylbenzene	13.390	105	774648	54.798	ug/l	99
86) p-Isopropyltoluene	13.508	119	631040	54.578	ug/l	97
87) 1,3-Dichlorobenzene	13.508	146	310405	55.084	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	303256	54.318	ug/l	98
89) n-Butylbenzene	13.832	91	621923	55.102	ug/l	98
90) Hexachloroethane	14.102	117	123615	56.399	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	264687	55.233	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	19843	56.614	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	160158	53.579	ug/l	98
94) Hexachlorobutadiene	15.249	225	91520	54.112	ug/l	99
95) Naphthalene	15.384	128	294223	55.835	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	133386	52.538	ug/l	97

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

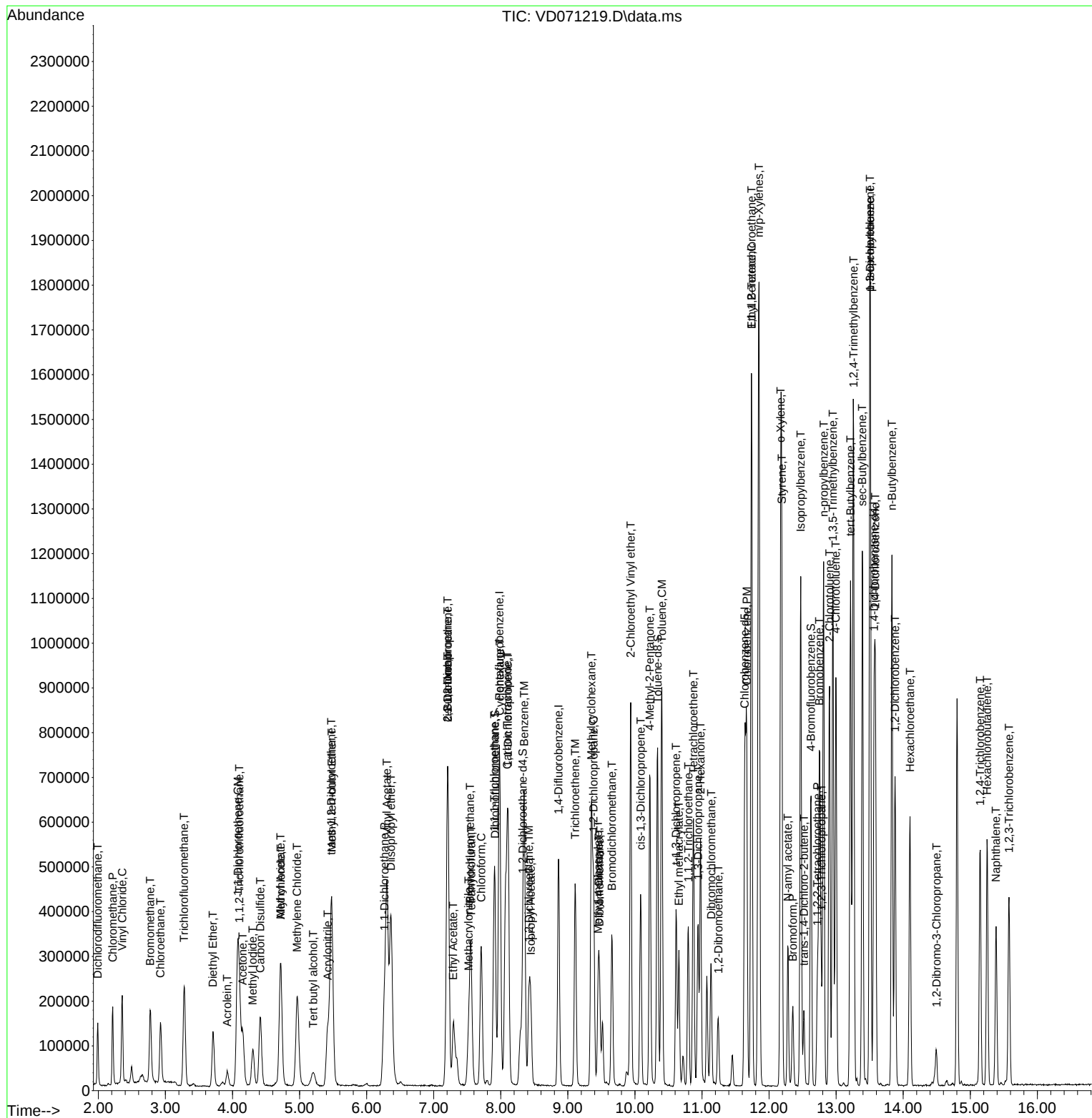
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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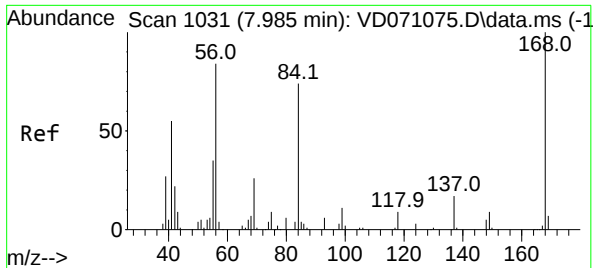
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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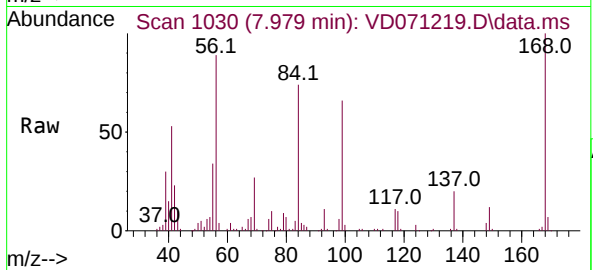
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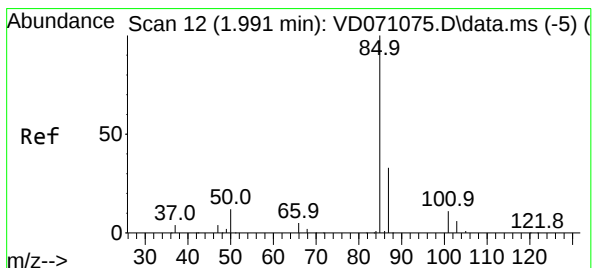
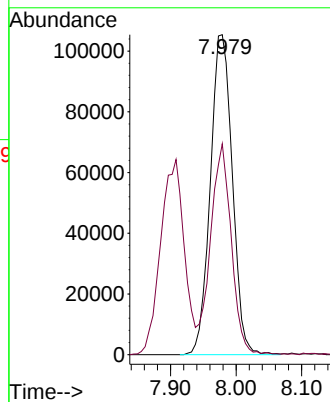
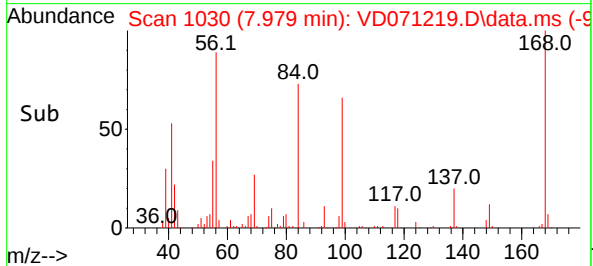


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071219.D
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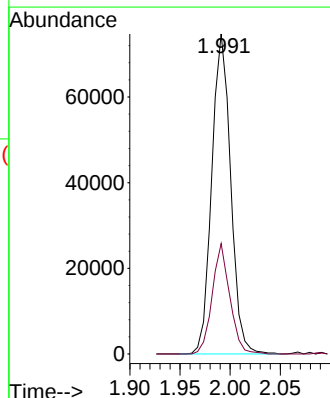
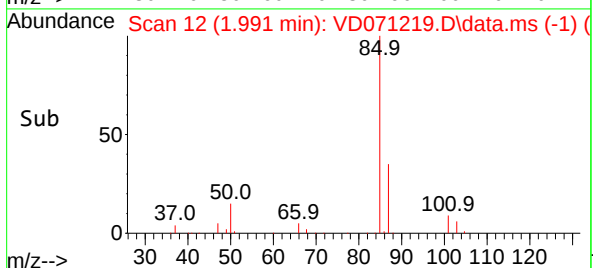
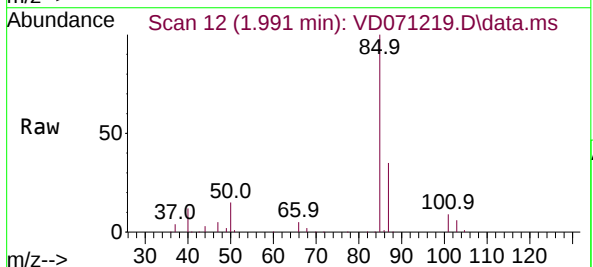


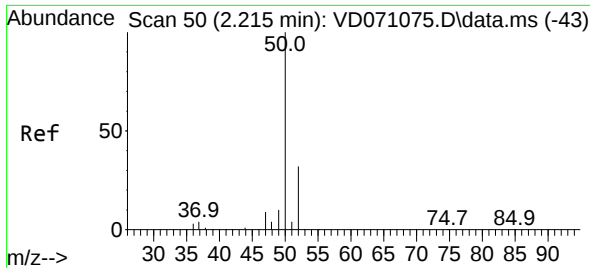
Tgt Ion:168 Resp: 245550
Ion Ratio Lower Upper
168 100
99 65.8 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 46.729 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 85 Resp: 97849
Ion Ratio Lower Upper
85 100
87 34.5 15.2 45.6

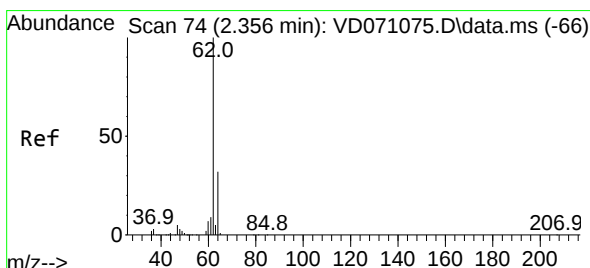
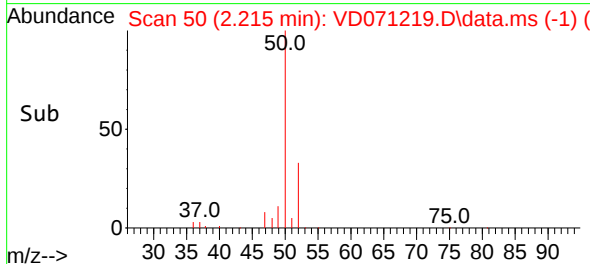
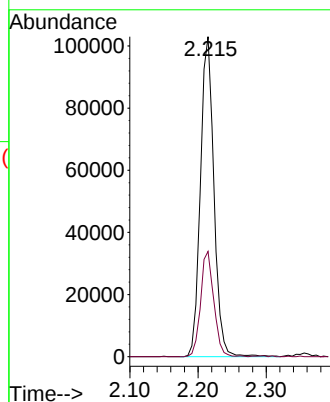
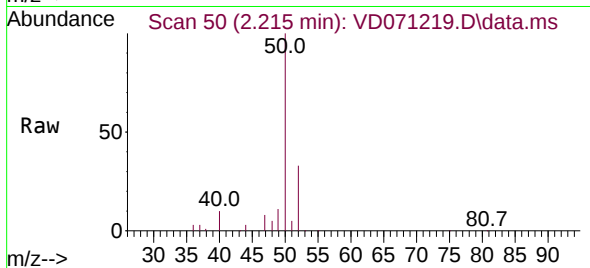




#3
Chloromethane
Concen: 51.086 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

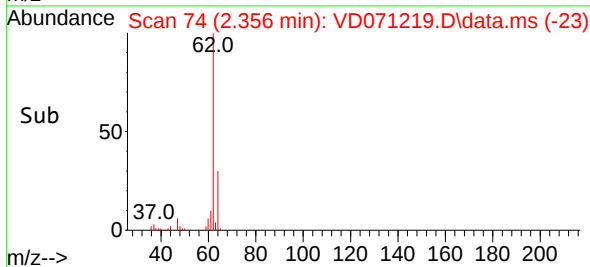
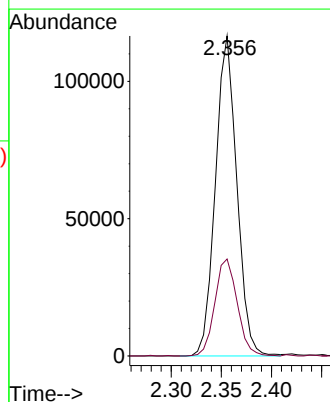
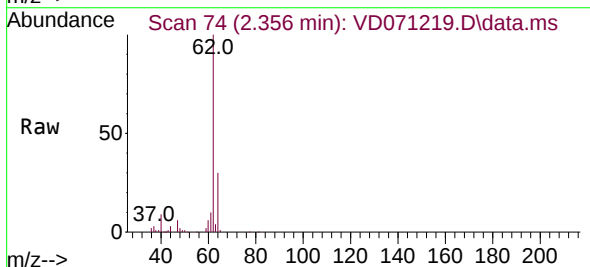
Instrument :
MSVOA_D
ClientSampleId :

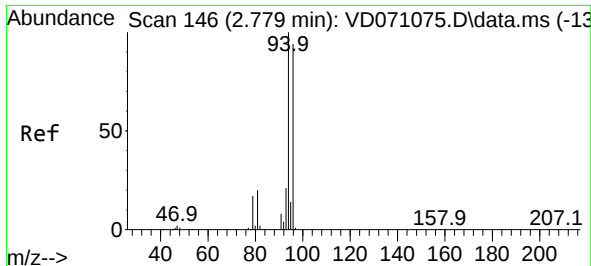
Tgt Ion: 50 Resp: 141520
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8



#4
Vinyl Chloride
Concen: 55.853 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 62 Resp: 172624
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0

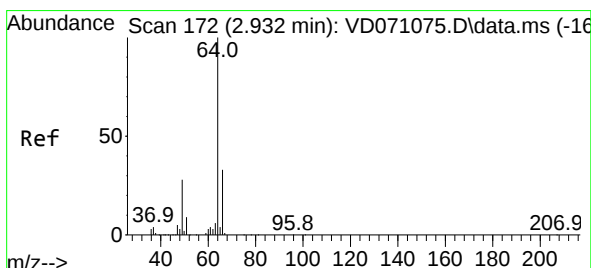
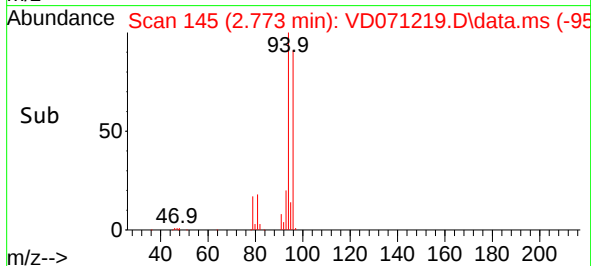
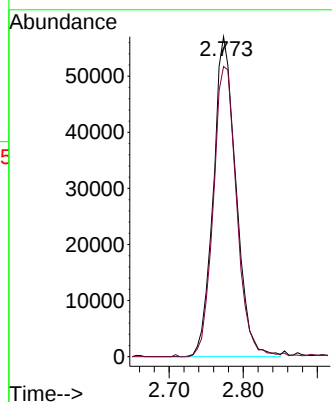
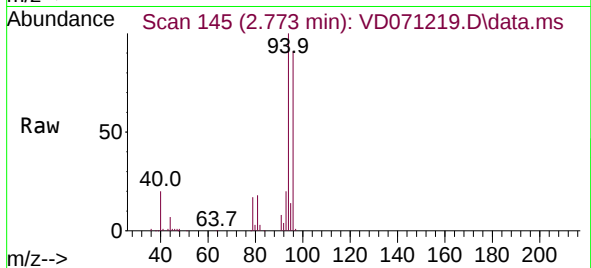




#5
Bromomethane
Concen: 54.522 ug/l
RT: 2.773 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

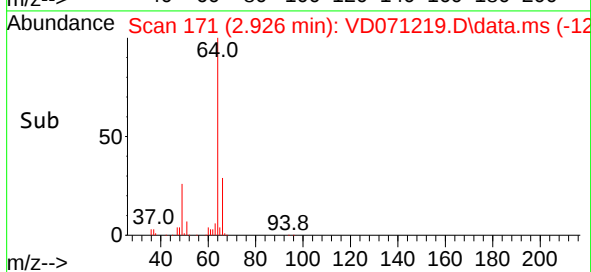
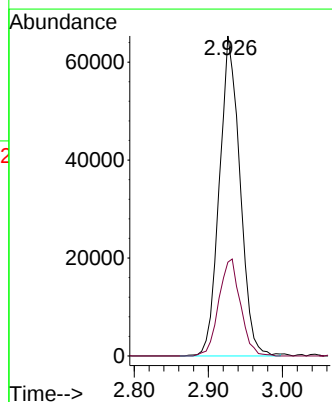
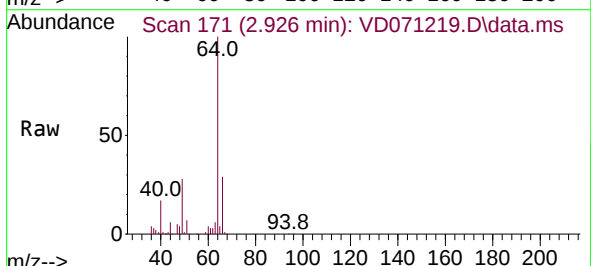
Instrument :
MSVOA_D
ClientSampleId :

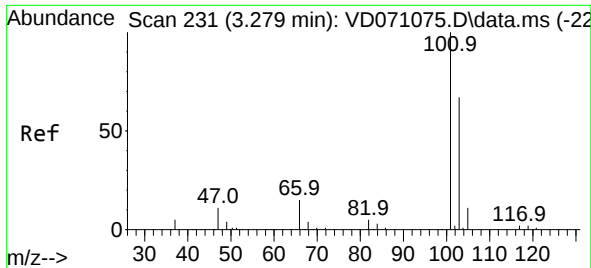
Tgt Ion: 94 Resp: 121474
Ion Ratio Lower Upper
94 100
96 90.7 74.8 112.2



#6
Chloroethane
Concen: 59.382 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

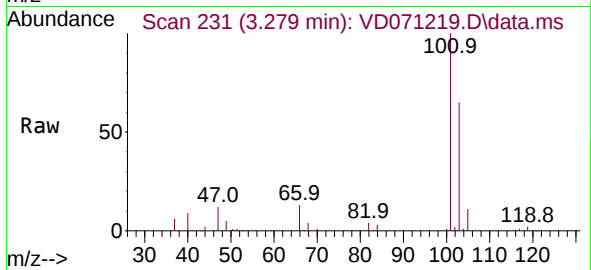
Tgt Ion: 64 Resp: 126229
Ion Ratio Lower Upper
64 100
66 29.3 29.0 43.4



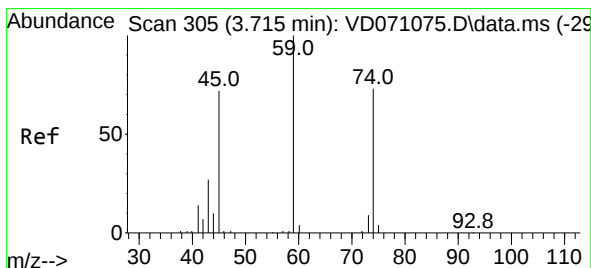
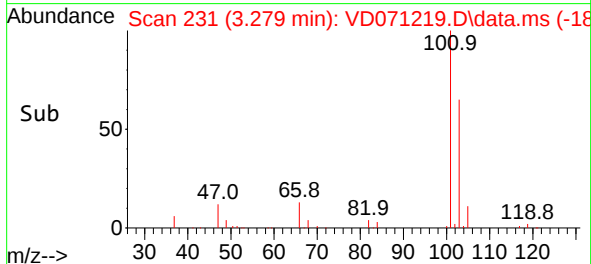
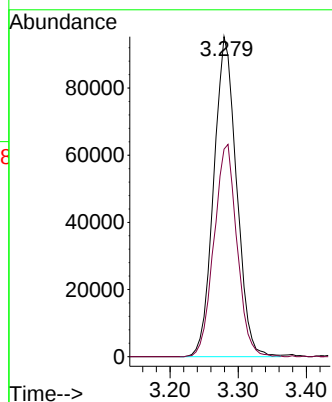


#7
 Trichlorofluoromethane
 Concen: 53.072 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

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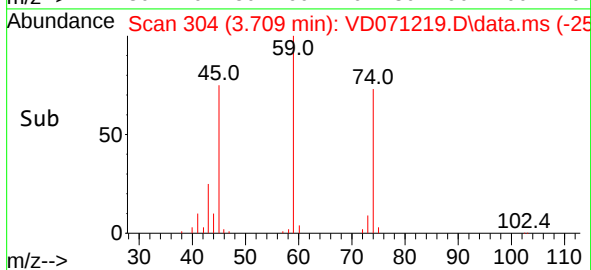
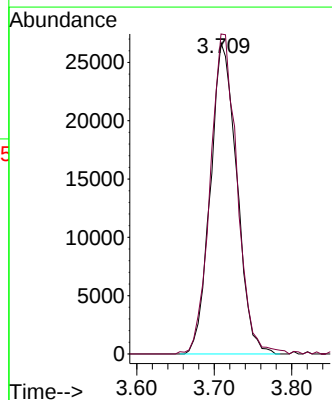
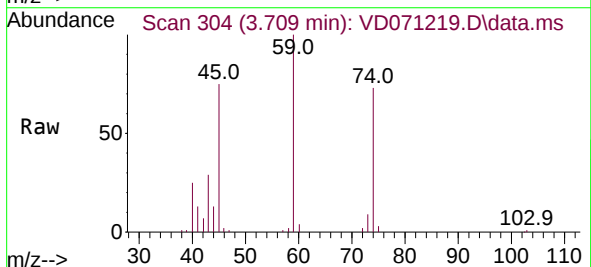


Tgt Ion:101 Resp: 222204
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.7 74.5



#8
 Diethyl Ether
 Concen: 55.691 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

Tgt Ion: 74 Resp: 63211
 Ion Ratio Lower Upper
 74 100
 45 104.5 49.6 149.0

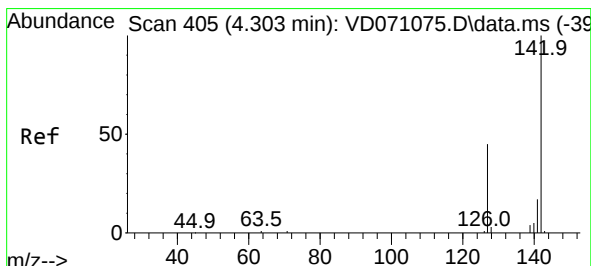
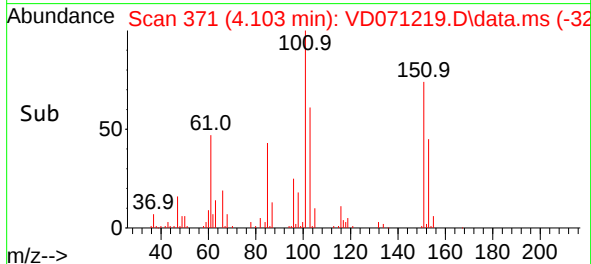
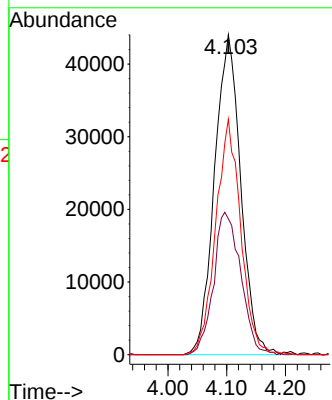
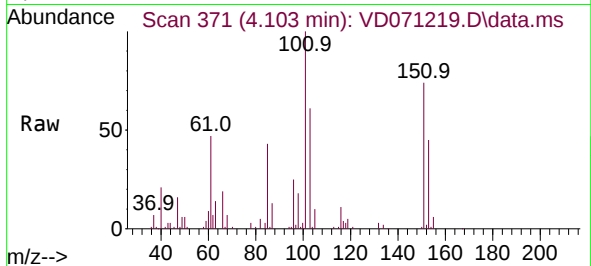




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.142 ug/l
RT: 4.103 min Scan# 371
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

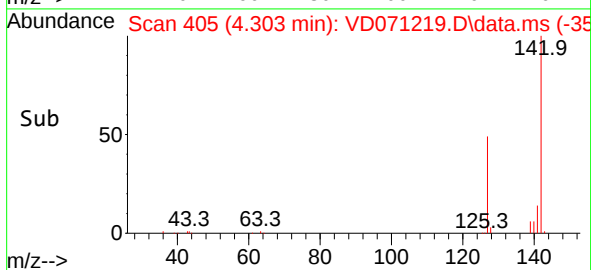
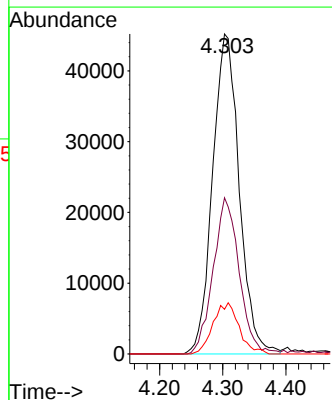
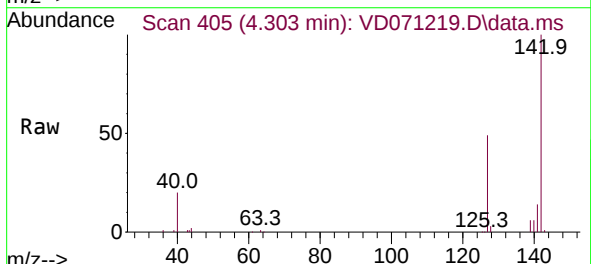
Instrument :
MSVOA_D
ClientSampleId :

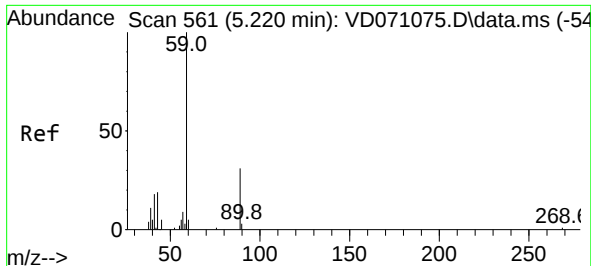
Tgt Ion:101 Resp: 136208
Ion Ratio Lower Upper
101 100
85 46.2 34.8 52.2
151 70.1 60.4 90.6



#10
Methyl Iodide
Concen: 46.517 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion:142 Resp: 132570
Ion Ratio Lower Upper
142 100
127 47.6 35.0 52.4
141 15.6 12.0 18.0

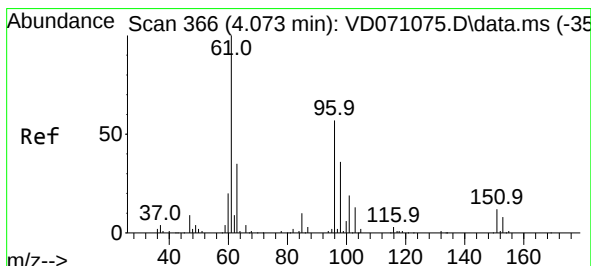
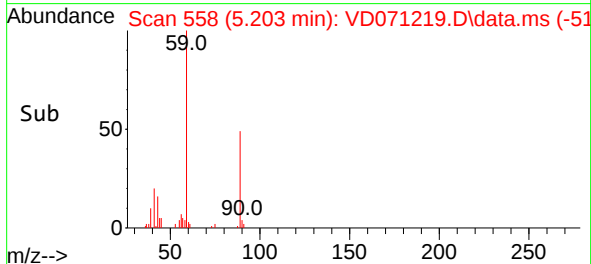
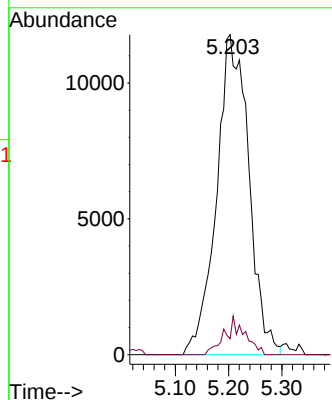
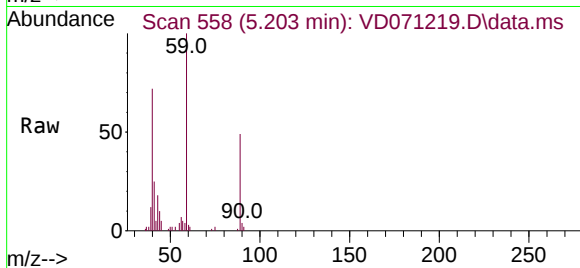




#11
Tert butyl alcohol
Concen: 271.963 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.017 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

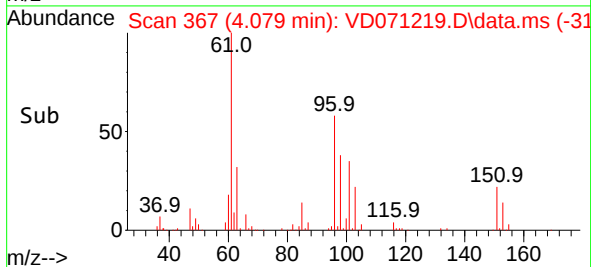
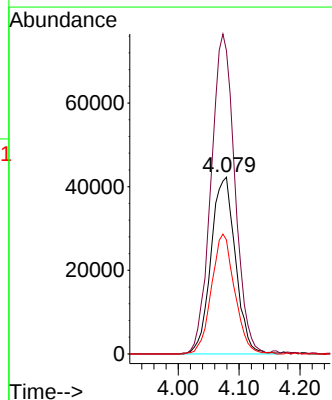
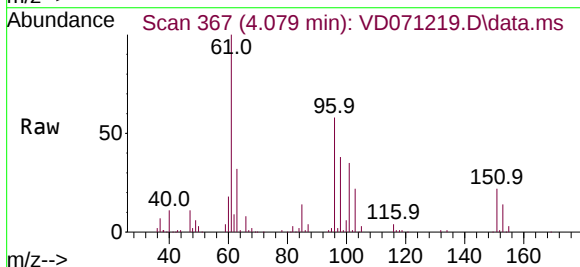
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 49499
Ion Ratio Lower Upper
59 100
57 7.4 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 51.848 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 96 Resp: 118189
Ion Ratio Lower Upper
96 100
61 171.5 120.3 180.5
98 64.5 54.4 81.6

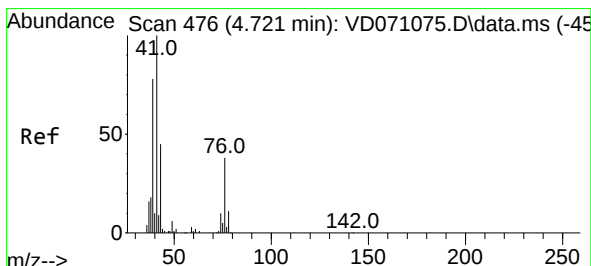
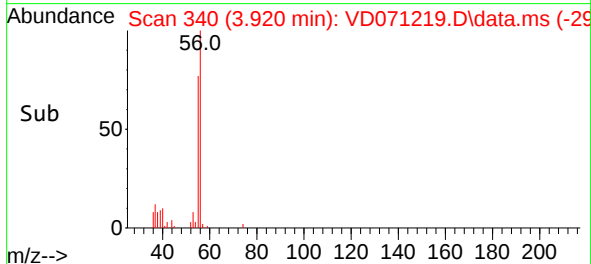
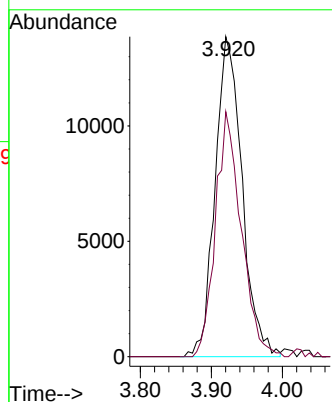
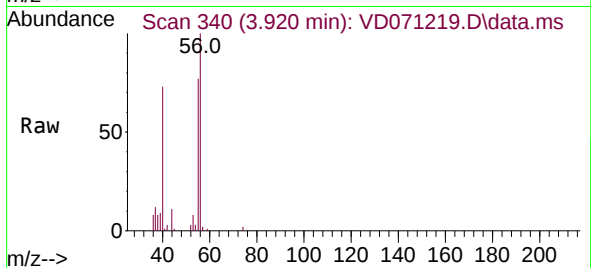




#13
Acrolein
Concen: 185.409 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

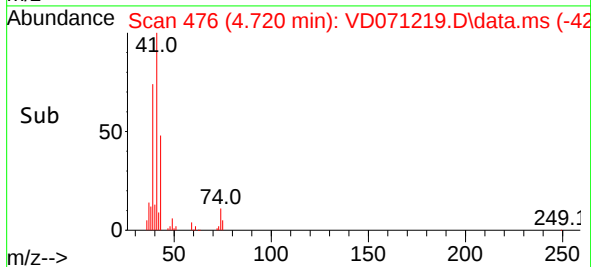
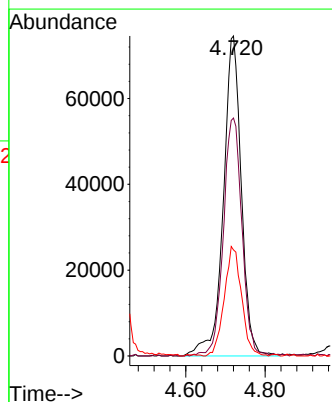
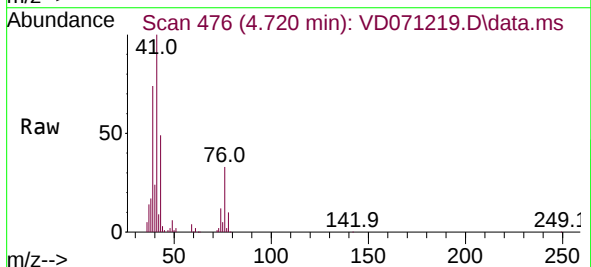
Instrument :
MSVOA_D
ClientSampleId :

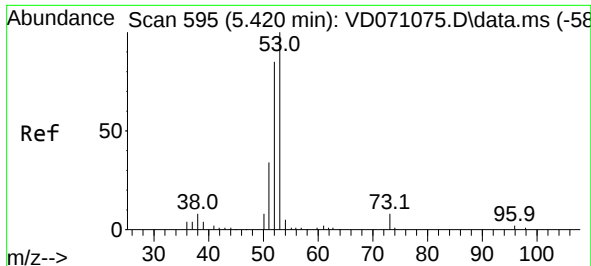
Tgt Ion: 56 Resp: 36506
Ion Ratio Lower Upper
56 100
55 73.1 58.6 87.8



#14
Allyl chloride
Concen: 54.229 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

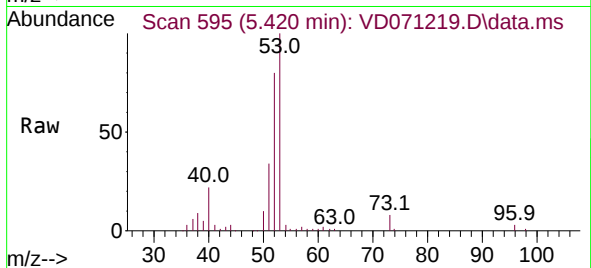
Tgt Ion: 41 Resp: 234804
Ion Ratio Lower Upper
41 100
39 76.8 45.6 68.4#
76 32.9 30.2 45.4



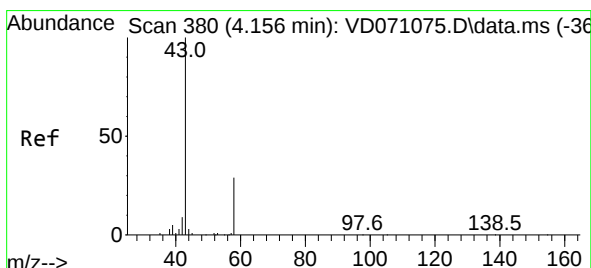
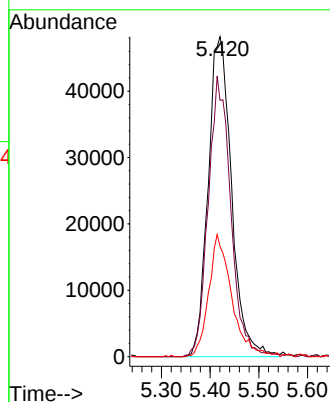
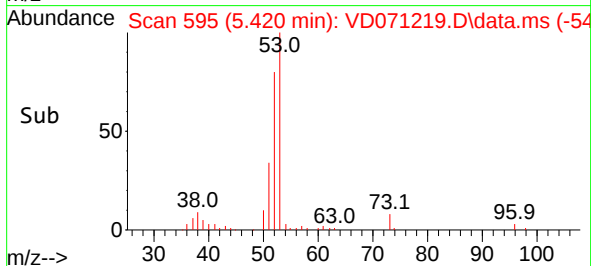


#15
Acrylonitrile
Concen: 291.937 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :

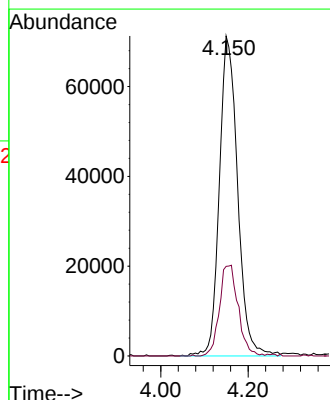
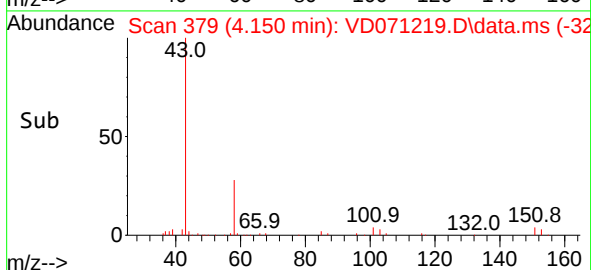
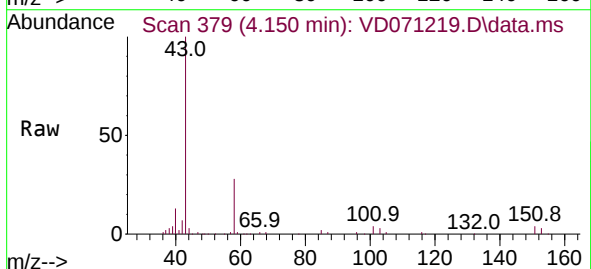


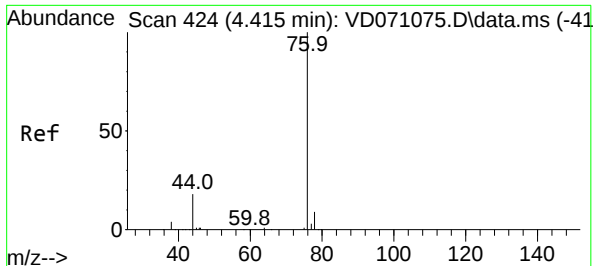
Tgt Ion: 53 Resp: 161151
Ion Ratio Lower Upper
53 100
52 84.1 63.8 95.8
51 37.5 28.5 42.7



#16
Acetone
Concen: 266.922 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 43 Resp: 206035
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8

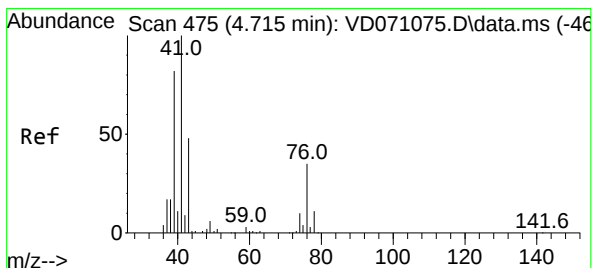
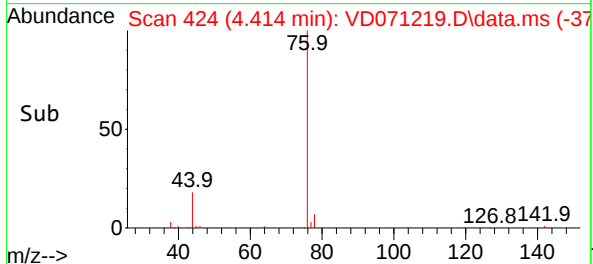
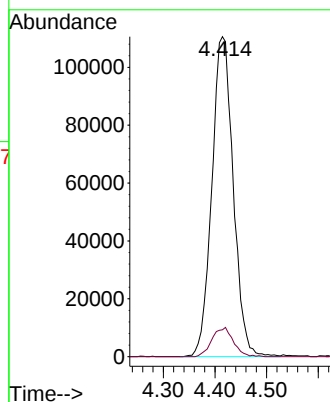
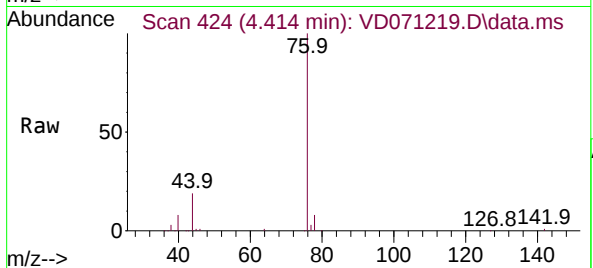




#17
Carbon Disulfide
Concen: 47.723 ug/l
RT: 4.414 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

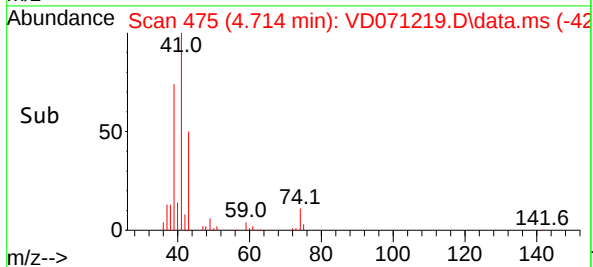
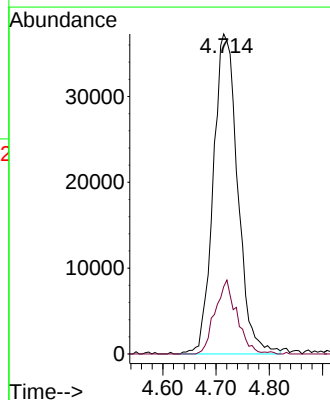
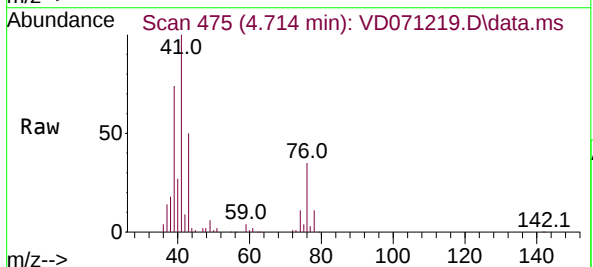
Instrument :
MSVOA_D
ClientSampleId :

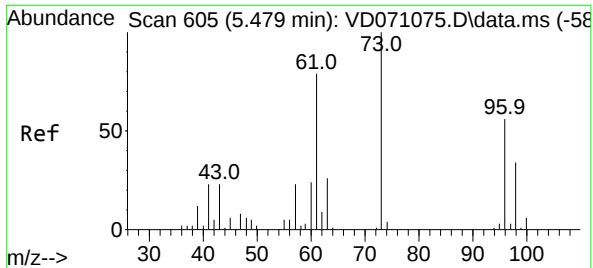
Tgt Ion: 76 Resp: 318508
Ion Ratio Lower Upper
76 100
78 8.4 7.8 11.8



#18
Methyl Acetate
Concen: 55.999 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 43 Resp: 119044
Ion Ratio Lower Upper
43 100
74 20.5 19.3 28.9

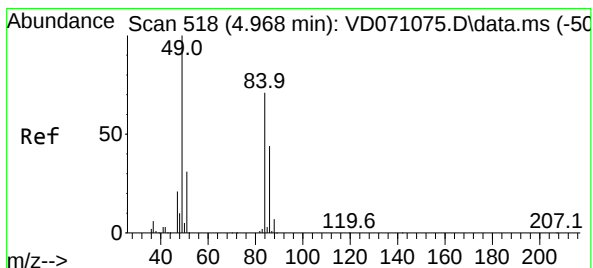
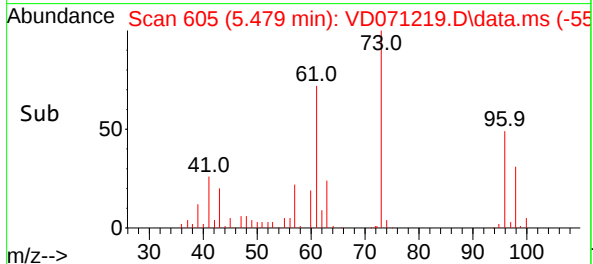
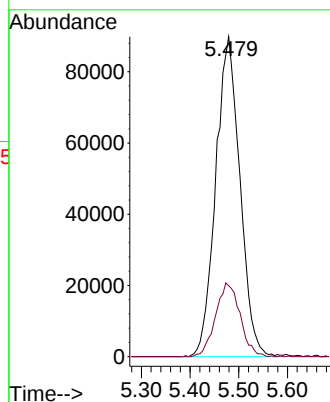
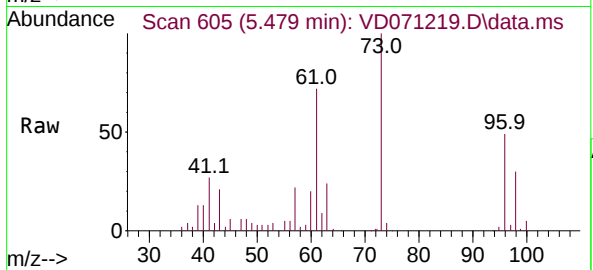




#19
Methyl tert-butyl Ether
Concen: 55.608 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

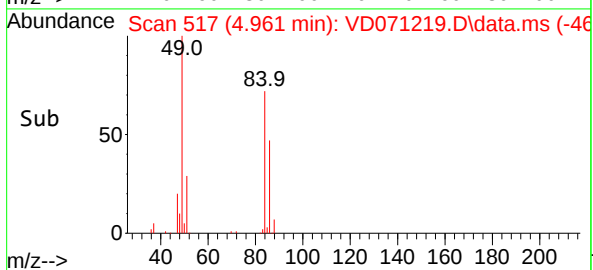
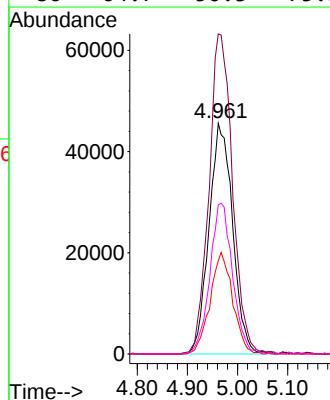
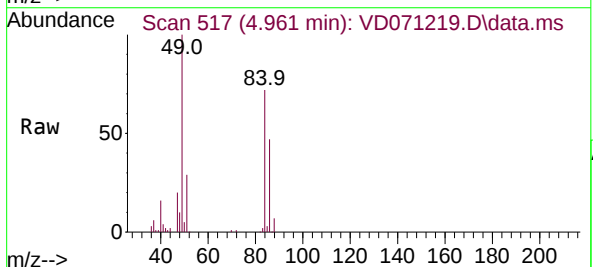
Instrument :
MSVOA_D
ClientSampleId :

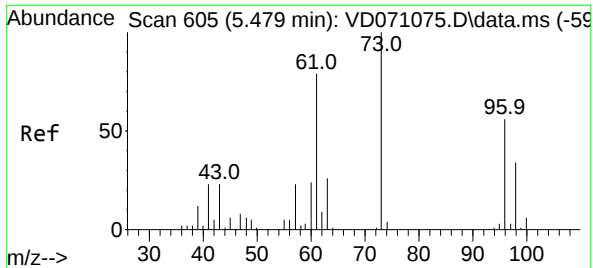
Tgt Ion: 73 Resp: 310656
Ion Ratio Lower Upper
73 100
57 22.2 18.9 28.3



#20
Methylene Chloride
Concen: 51.471 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

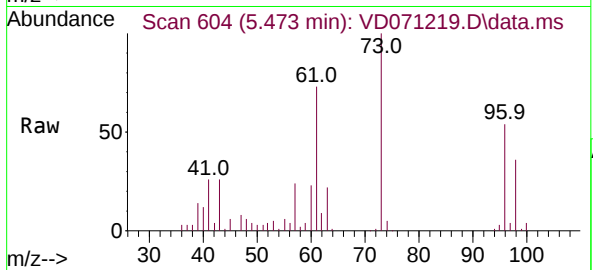
Tgt Ion: 84 Resp: 149294
Ion Ratio Lower Upper
84 100
49 138.7 95.8 143.6
51 40.5 30.9 46.3
86 64.7 50.3 75.5





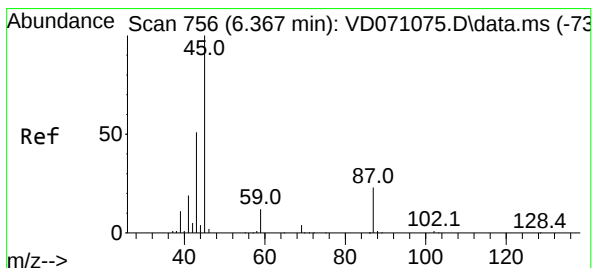
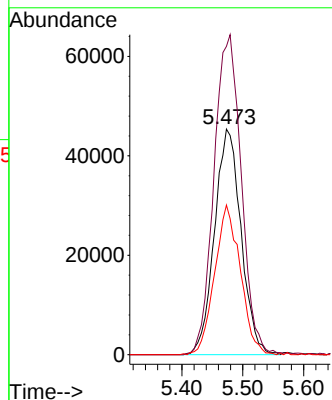
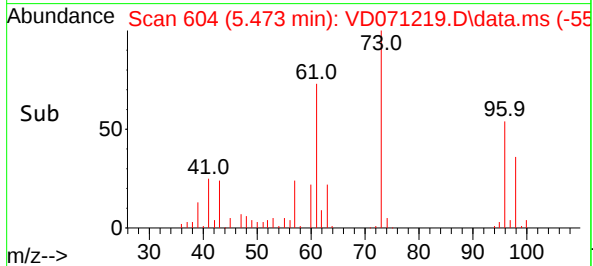
#21
trans-1,2-Dichloroethene
Concen: 53.557 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :

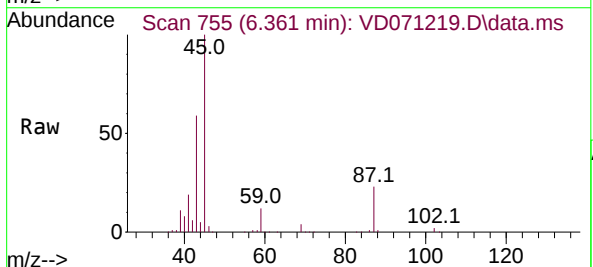


Tgt Ion: 96 Resp: 137427

Ion	Ratio	Lower	Upper
96	100		
61	136.6	102.1	153.1
98	66.3	50.1	75.1

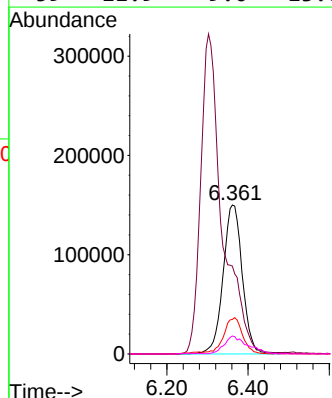
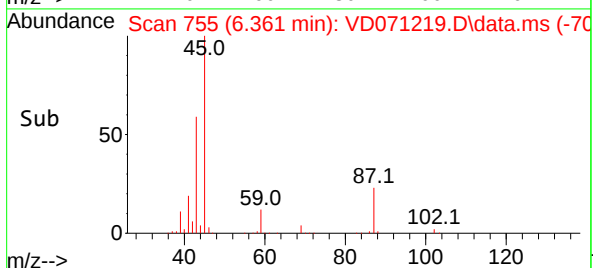


#22
Diisopropyl ether
Concen: 56.956 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54



Tgt Ion: 45 Resp: 494092

Ion	Ratio	Lower	Upper
45	100		
43	58.7	39.6	59.4
87	23.0	21.2	31.8
59	11.9	9.0	13.6

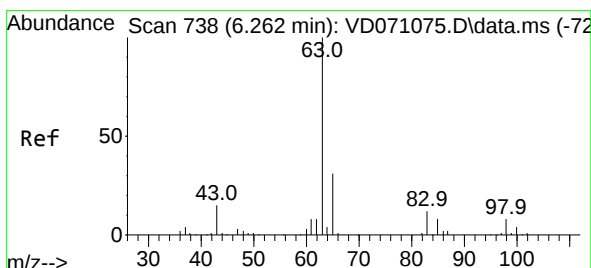
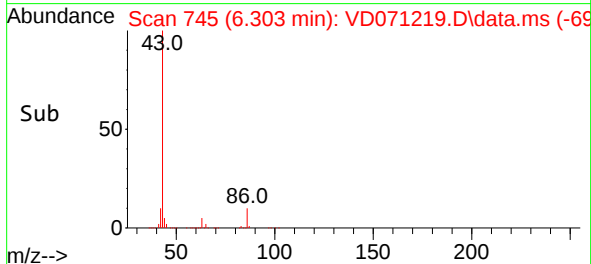
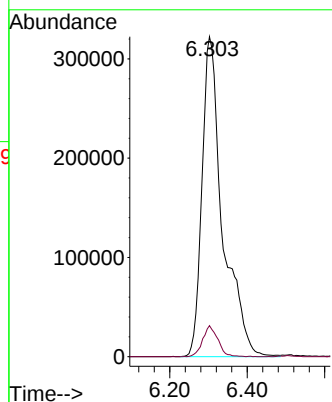
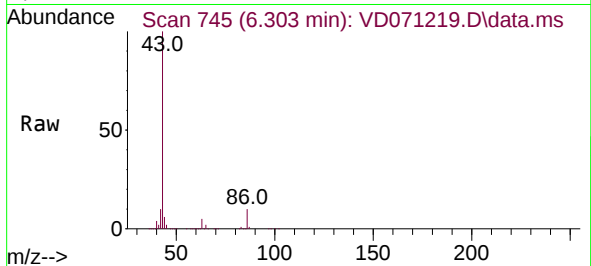




#23
 Vinyl Acetate
 Concen: 253.804 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

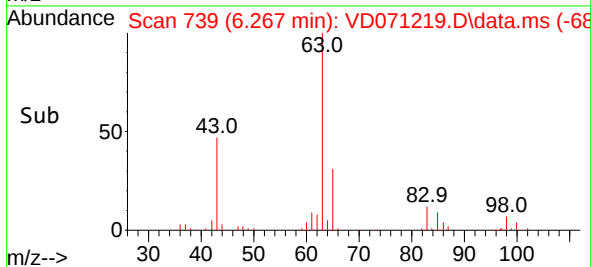
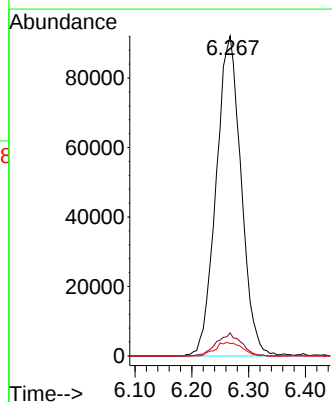
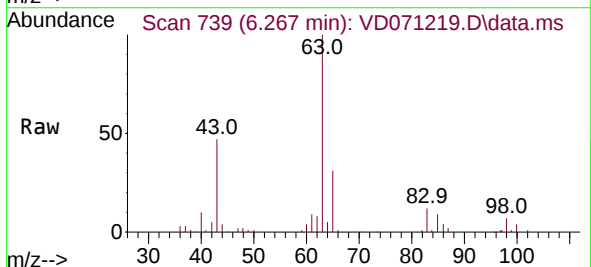
Instrument :
 MSVOA_D
 ClientSampleId :

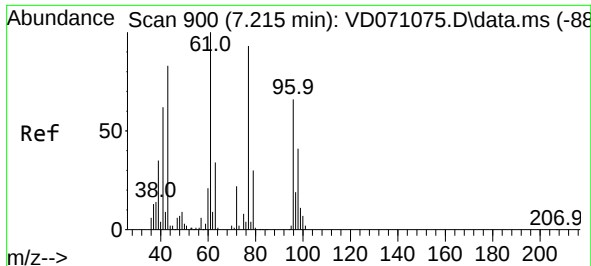
Tgt Ion: 43 Resp: 1192825
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 56.373 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

Tgt Ion: 63 Resp: 281282
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 3.9 2.1 6.3

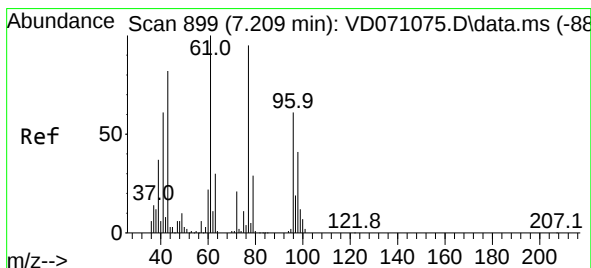
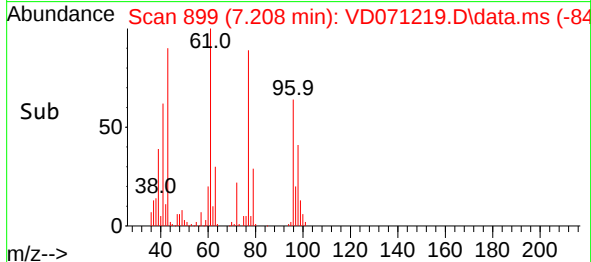
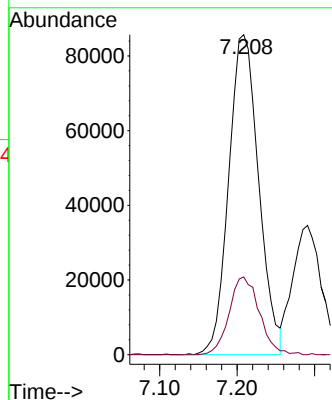
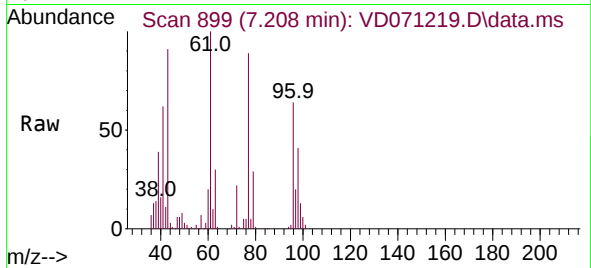




#25
2-Butanone
Concen: 260.001 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

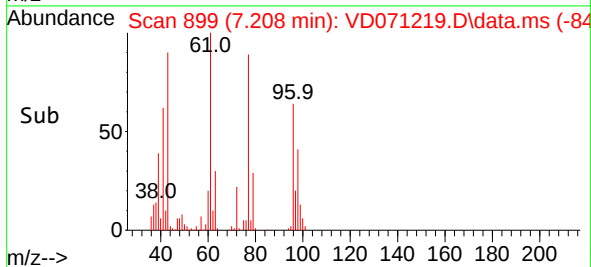
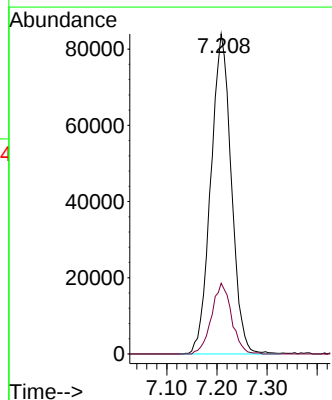
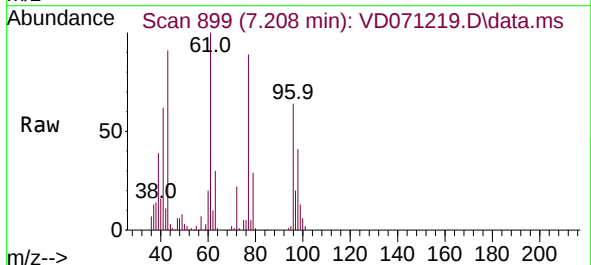
Instrument :
MSVOA_D
ClientSampleId :

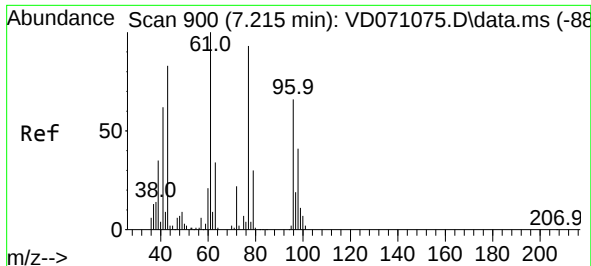
Tgt Ion: 43 Resp: 230877
Ion Ratio Lower Upper
43 100
72 24.3 23.8 35.6



#26
2,2-Dichloropropane
Concen: 52.680 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

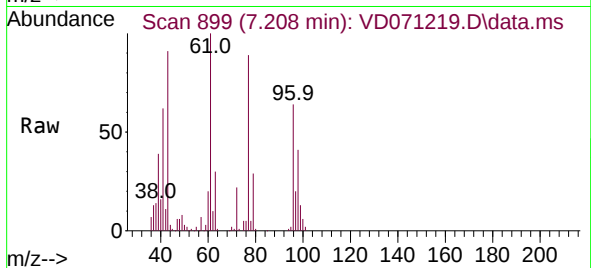
Tgt Ion: 77 Resp: 239019
Ion Ratio Lower Upper
77 100
97 21.5 11.9 35.5





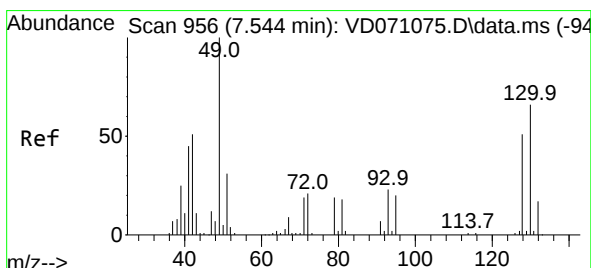
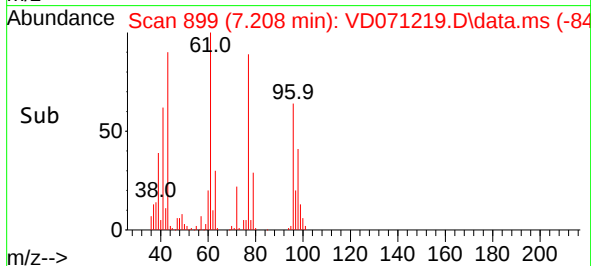
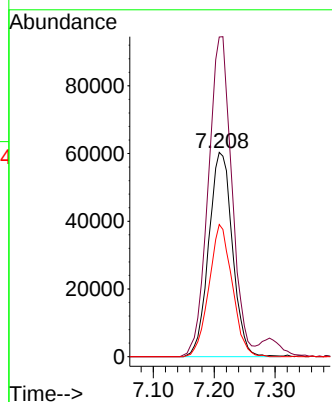
#27
 cis-1,2-Dichloroethene
 Concen: 56.200 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.007 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 163149

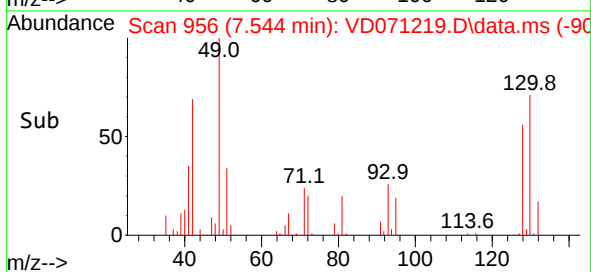
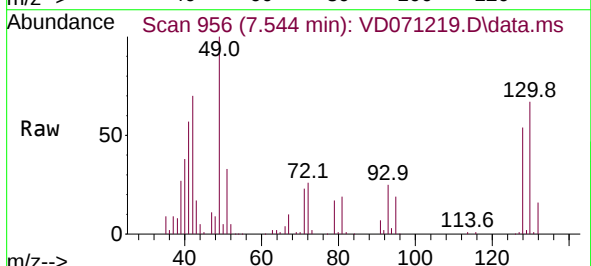
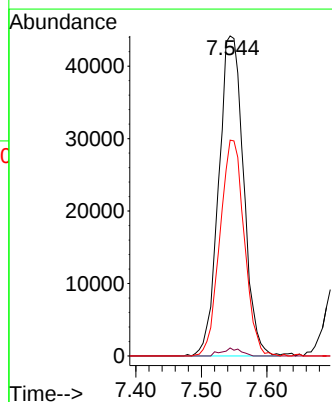
Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	288.6
98	63.4	0.0	129.2

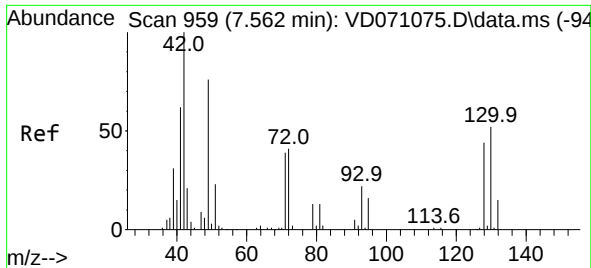


#28
 Bromochloromethane
 Concen: 53.533 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

Tgt Ion: 49 Resp: 116016

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	66.1	60.2	90.2





#29

Tetrahydrofuran

Concen: 288.604 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.001 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

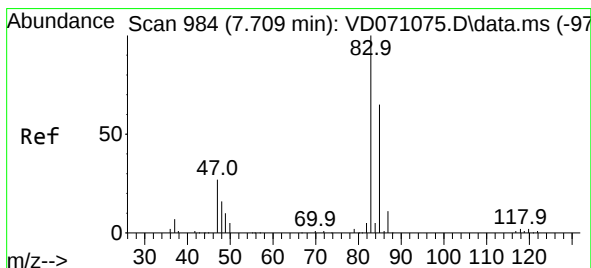
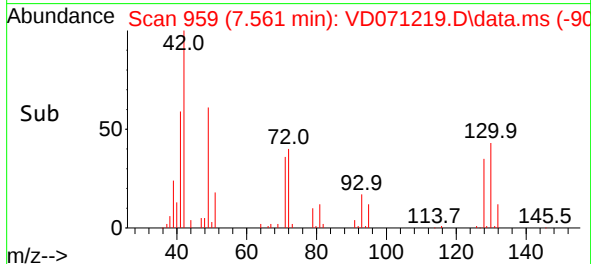
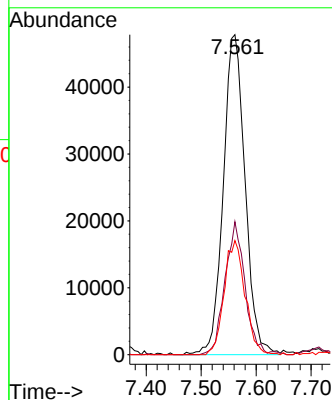
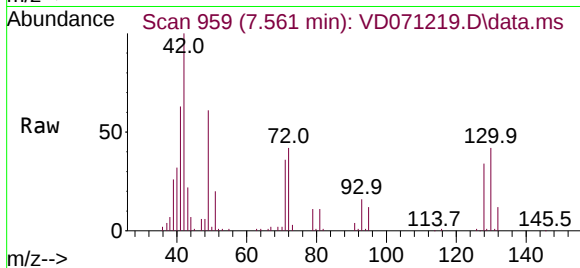
Tgt Ion: 42 Resp: 132040

Ion Ratio Lower Upper

42 100

72 37.8 33.7 50.5

71 34.1 32.7 49.1



#30

Chloroform

Concen: 57.366 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.001 min

Lab File: VD071219.D

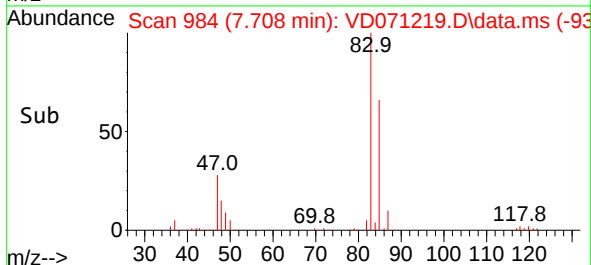
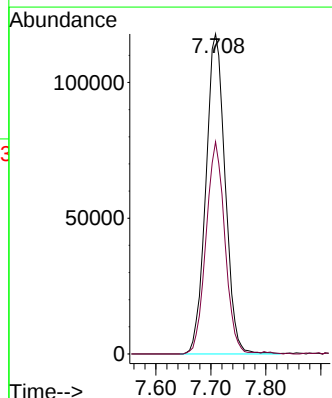
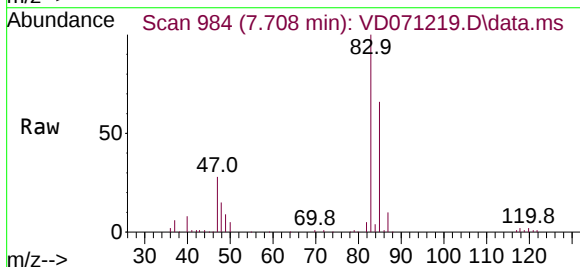
Acq: 09 Dec 2021 09:54

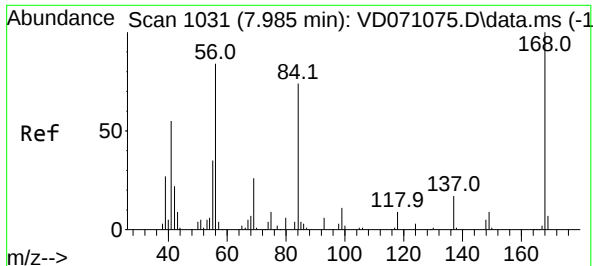
Tgt Ion: 83 Resp: 287264

Ion Ratio Lower Upper

83 100

85 66.3 51.0 76.6





#31

Cyclohexane

Concen: 49.527 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

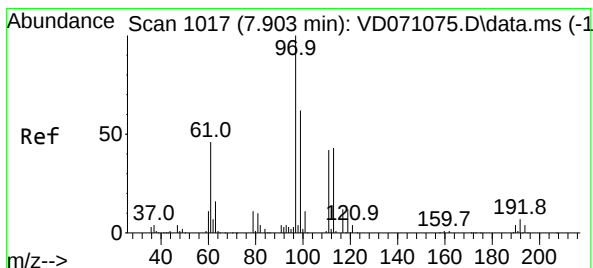
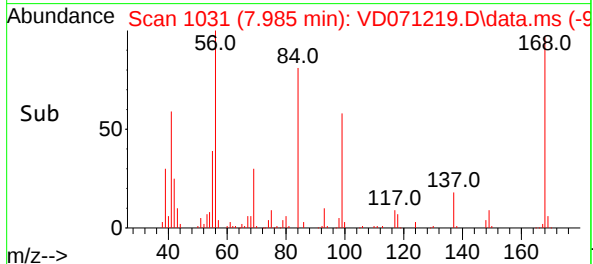
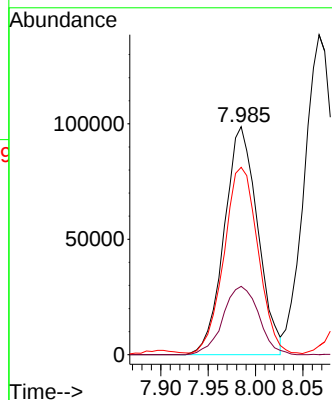
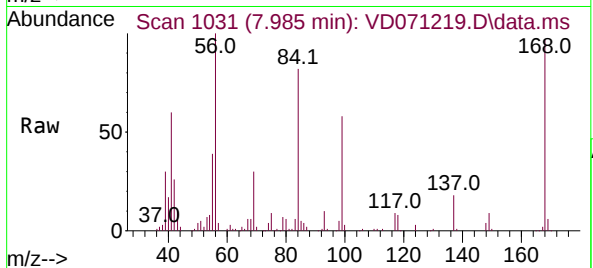
Tgt Ion: 56 Resp: 242728

Ion Ratio Lower Upper

56 100

69 30.0 25.9 38.9

84 81.3 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 56.529 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

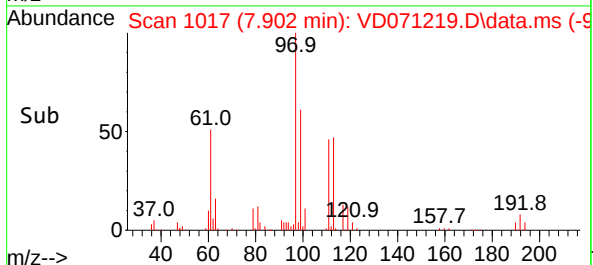
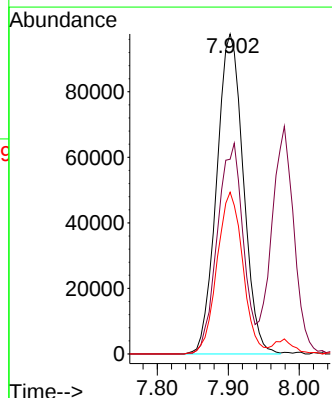
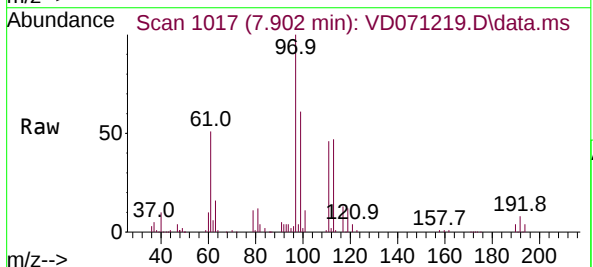
Tgt Ion: 97 Resp: 254147

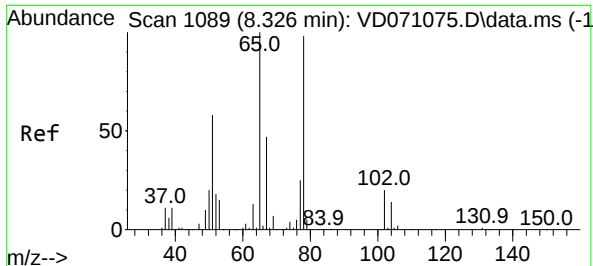
Ion Ratio Lower Upper

97 100

99 63.5 50.3 75.5

61 49.1 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 50.612 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

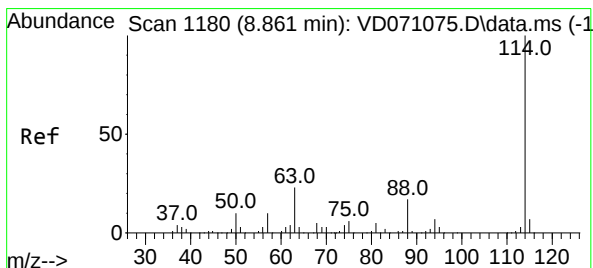
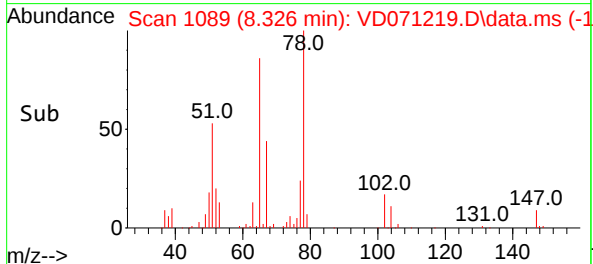
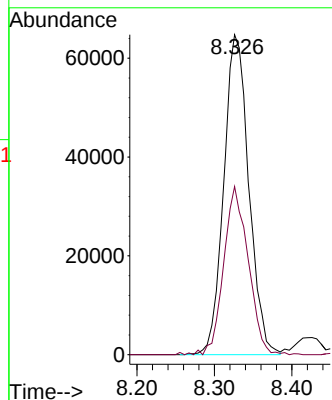
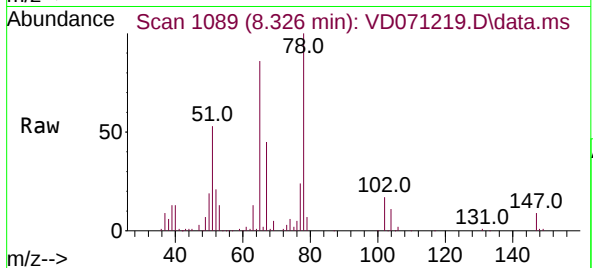
ClientSampleId :

Tgt Ion: 65 Resp: 145825

Ion Ratio Lower Upper

65 100

67 51.4 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: VD071219.D

Acq: 09 Dec 2021 09:54

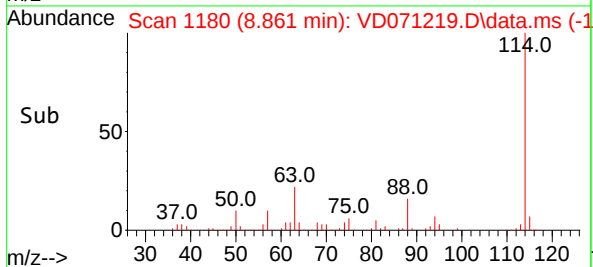
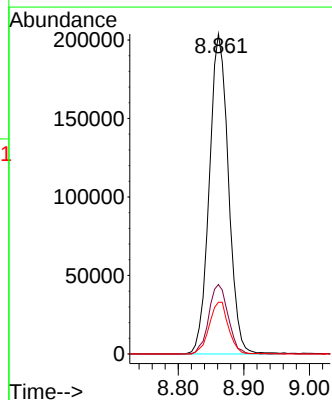
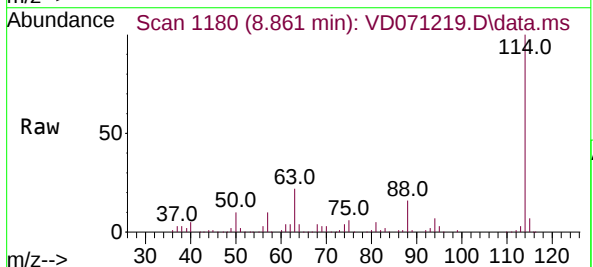
Tgt Ion: 114 Resp: 412183

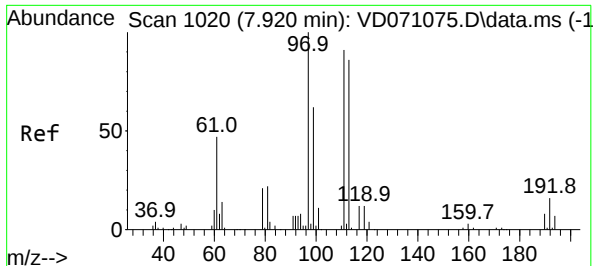
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.602 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

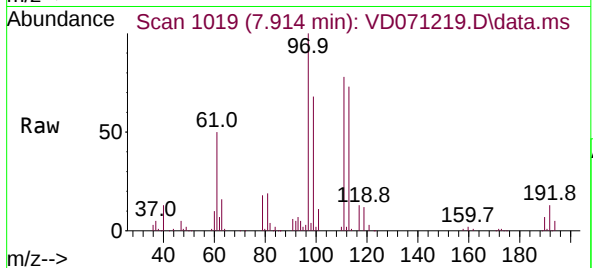
Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :



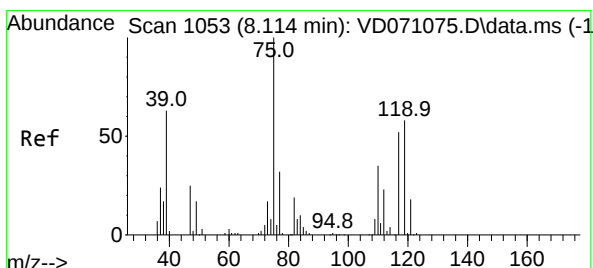
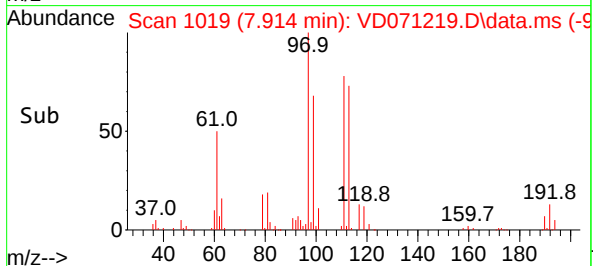
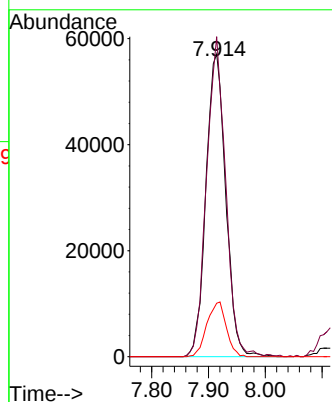
Tgt Ion:113 Resp: 138066

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

192 17.7 15.2 22.8



#36

1,1-Dichloropropene

Concen: 54.597 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

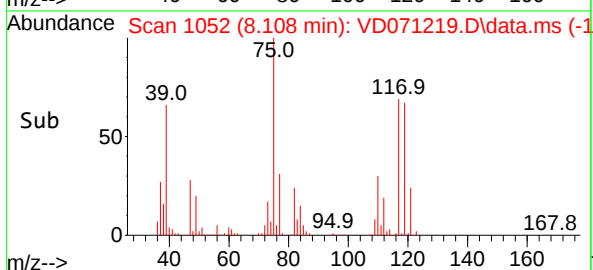
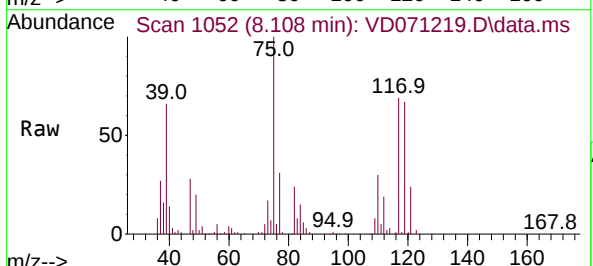
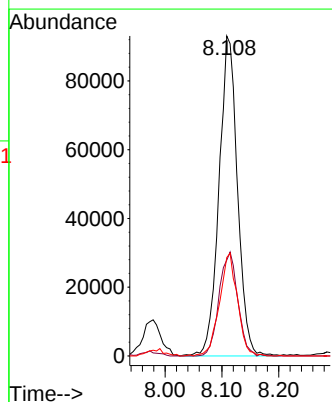
Tgt Ion: 75 Resp: 210328

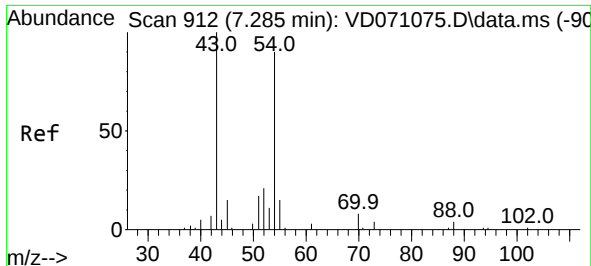
Ion Ratio Lower Upper

75 100

110 33.0 17.8 53.4

77 31.4 24.8 37.2

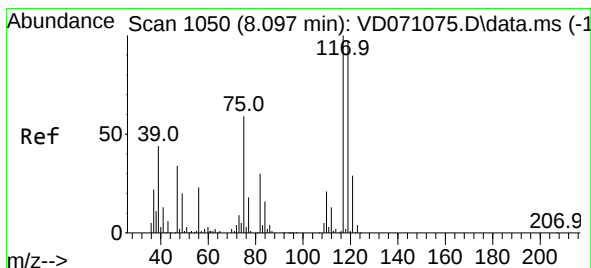
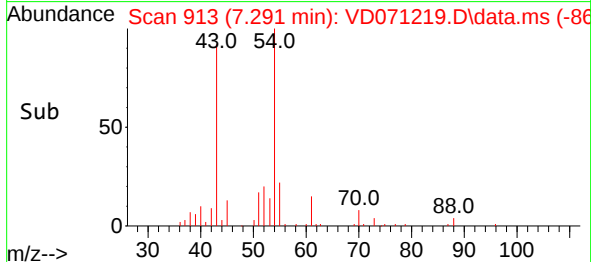
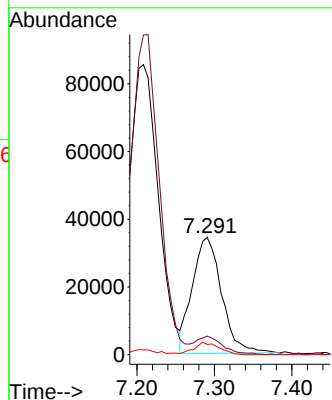
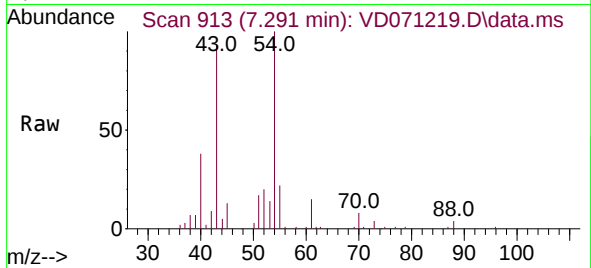




#37
Ethyl Acetate
Concen: 54.079 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

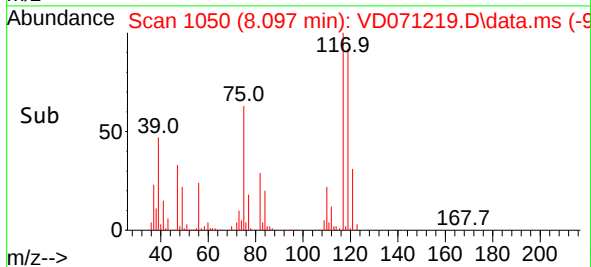
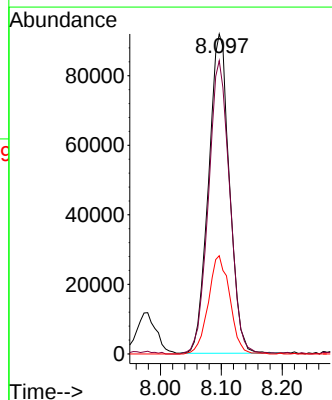
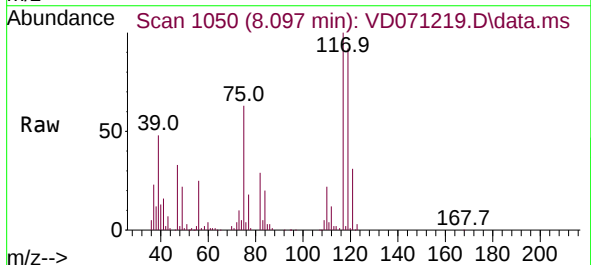
Instrument :
MSVOA_D
ClientSampleId :

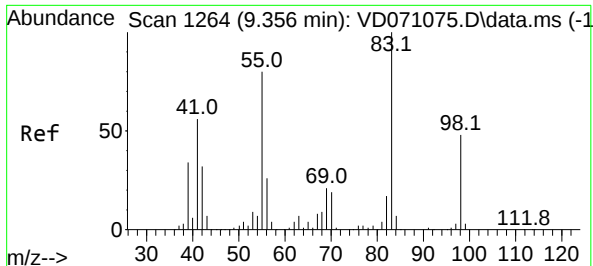
Tgt Ion: 43 Resp: 89993
Ion Ratio Lower Upper
43 100
61 14.7 13.0 19.6
70 9.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 57.670 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 117 Resp: 219000
Ion Ratio Lower Upper
117 100
119 91.9 75.8 113.6
121 30.8 23.6 35.4





#39

Methylcyclohexane

Concen: 51.922 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.007 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

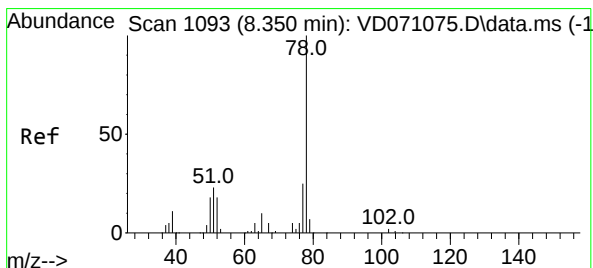
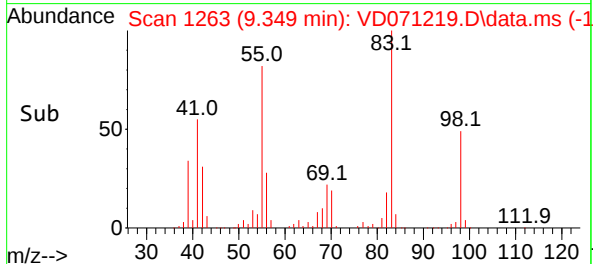
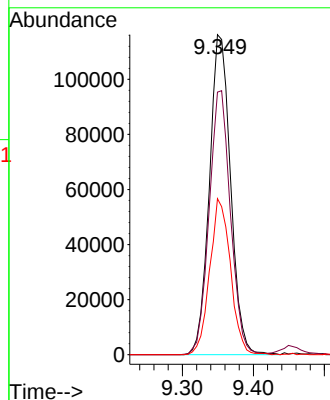
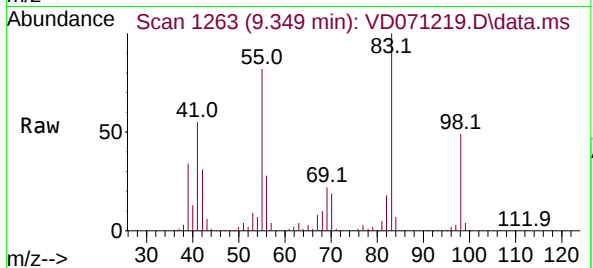
Tgt Ion: 83 Resp: 240585

Ion Ratio Lower Upper

83 100

55 82.1 65.8 98.8

98 48.8 38.7 58.1



#40

Benzene

Concen: 55.569 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071219.D

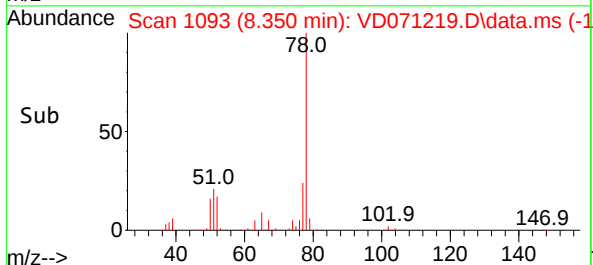
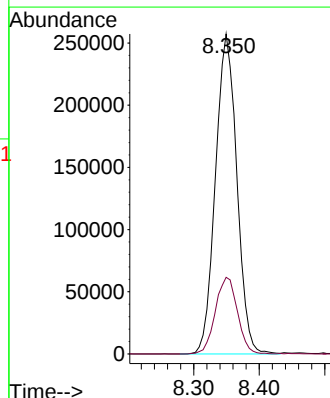
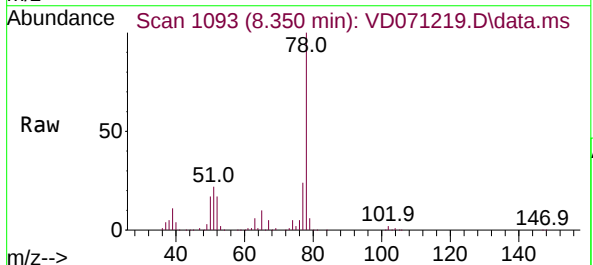
Acq: 09 Dec 2021 09:54

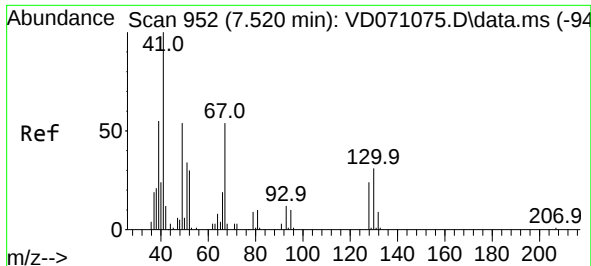
Tgt Ion: 78 Resp: 581480

Ion Ratio Lower Upper

78 100

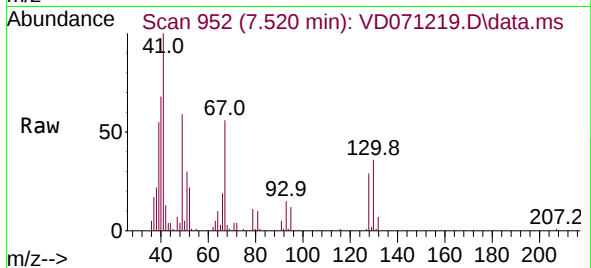
77 23.9 19.1 28.7



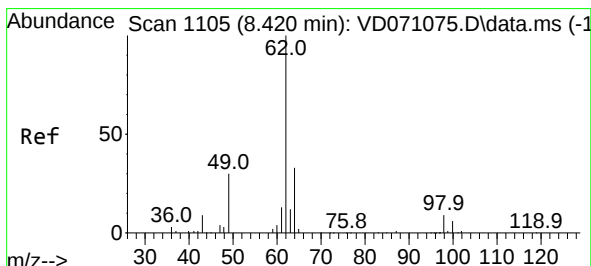
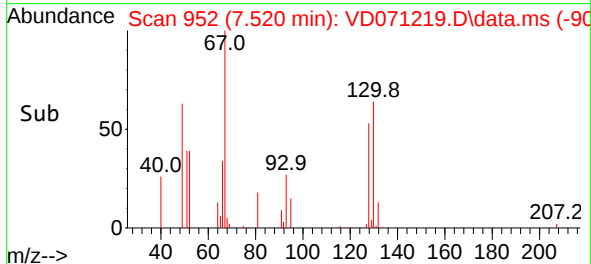
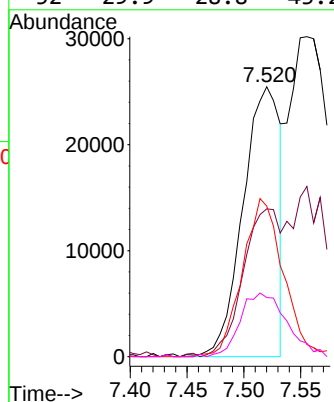


#41
Methacrylonitrile
Concen: 66.247 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :

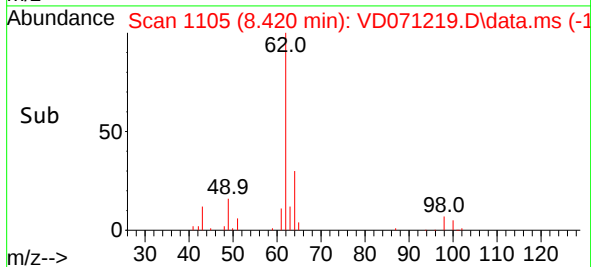
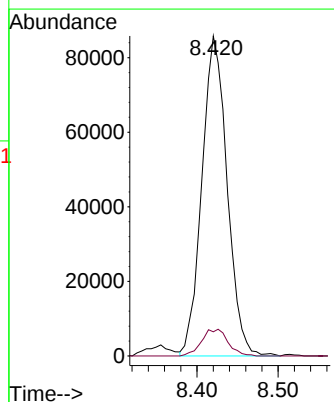
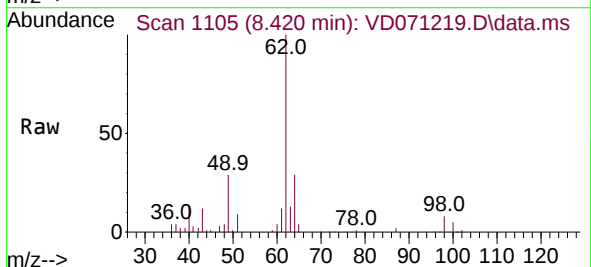


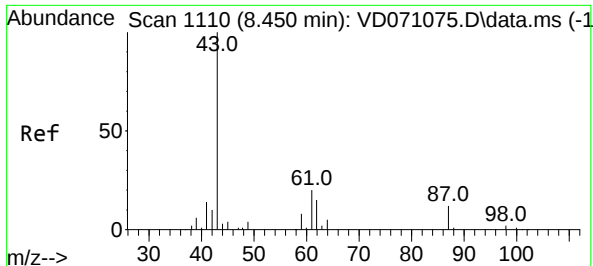
Tgt Ion: 41 Resp: 57393
Ion Ratio Lower Upper
41 100
39 54.7 60.2 90.4#
67 65.2 74.8 112.2#
52 29.9 28.8 43.2



#42
1,2-Dichloroethane
Concen: 58.077 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 62 Resp: 185507
Ion Ratio Lower Upper
62 100
98 8.7 0.0 21.8





#43

Isopropyl Acetate

Concen: 50.034 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

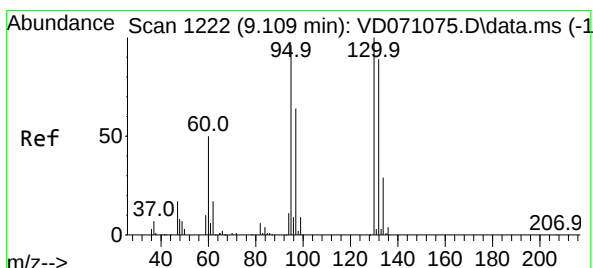
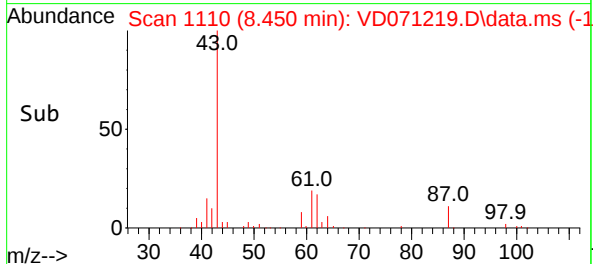
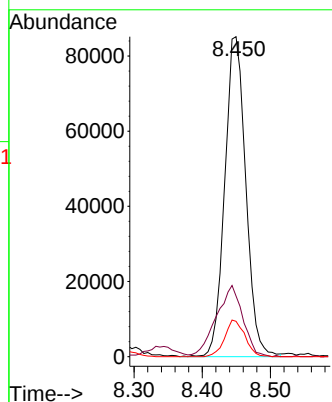
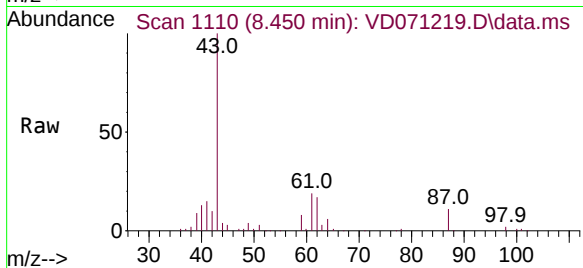
Tgt Ion: 43 Resp: 183220

Ion Ratio Lower Upper

43 100

61 28.1 28.2 42.4#

87 11.0 10.7 16.1



#44

Trichloroethene

Concen: 55.547 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VD071219.D

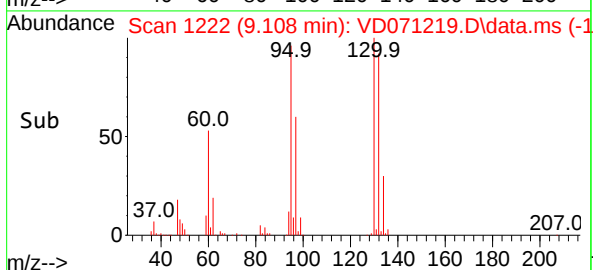
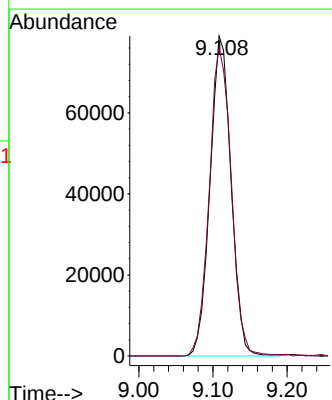
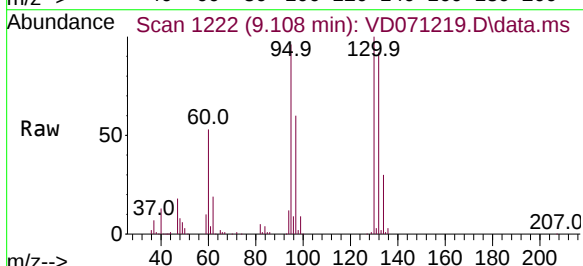
Acq: 09 Dec 2021 09:54

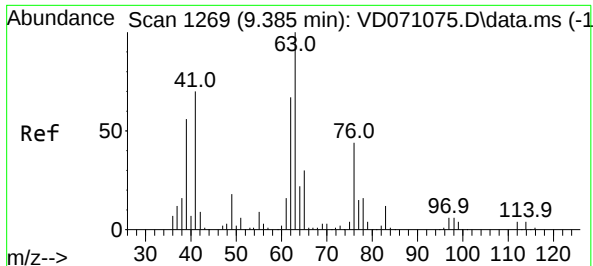
Tgt Ion:130 Resp: 154977

Ion Ratio Lower Upper

130 100

95 96.3 0.0 193.2





#45

1,2-Dichloropropane

Concen: 56.998 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

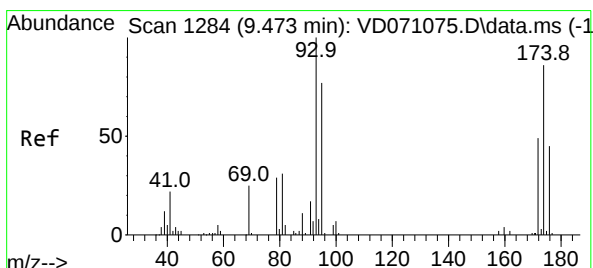
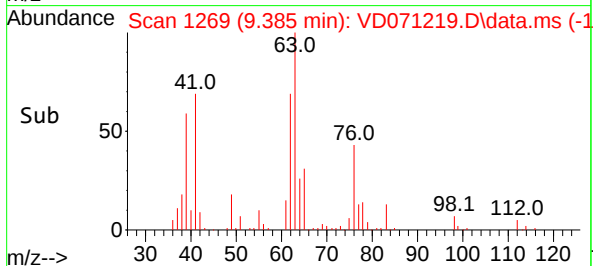
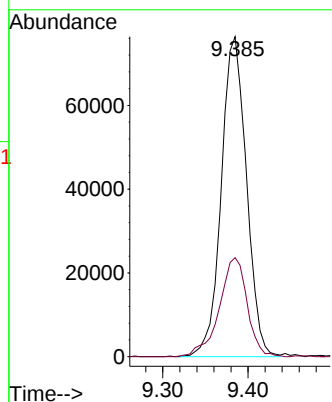
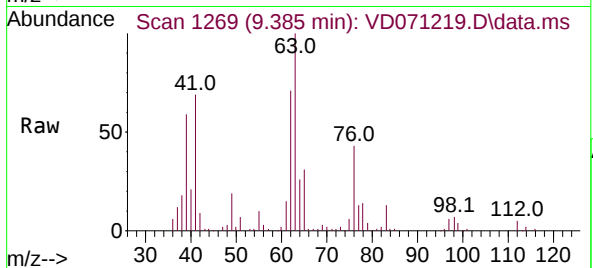
ClientSampleId :

Tgt Ion: 63 Resp: 156851

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.2



#46

Dibromomethane

Concen: 56.549 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

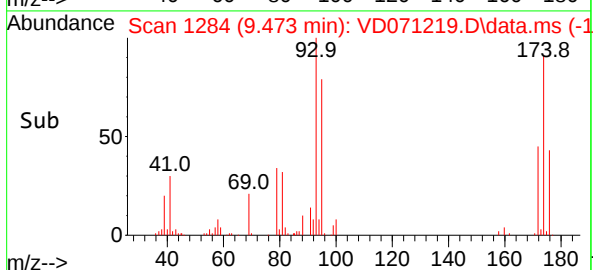
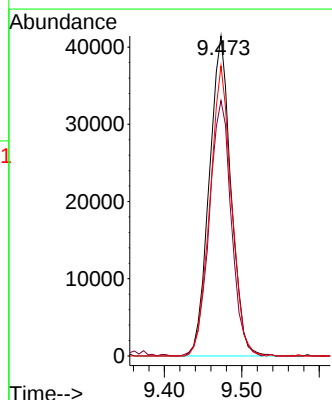
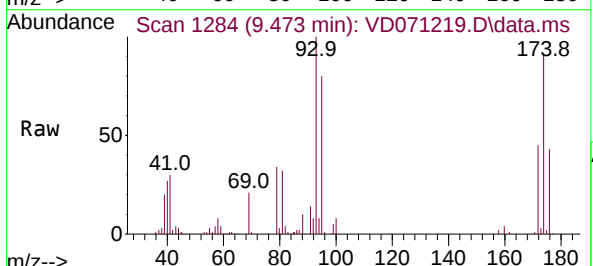
Tgt Ion: 93 Resp: 80736

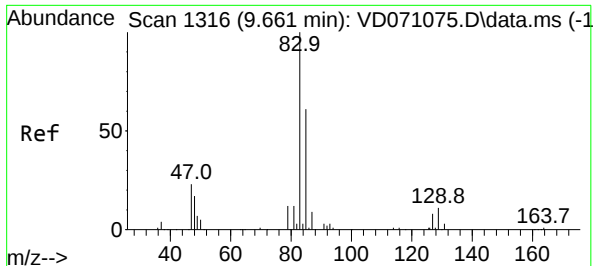
Ion Ratio Lower Upper

93 100

95 81.1 66.1 99.1

174 89.8 78.6 117.8





#47

Bromodichloromethane

Concen: 58.679 ug/l

RT: 9.655 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

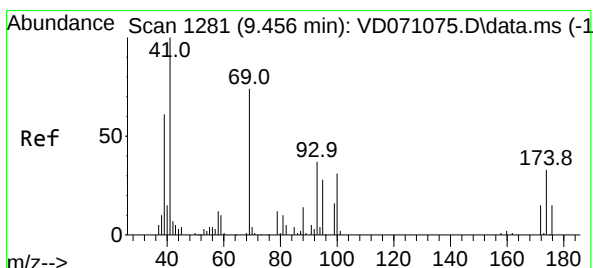
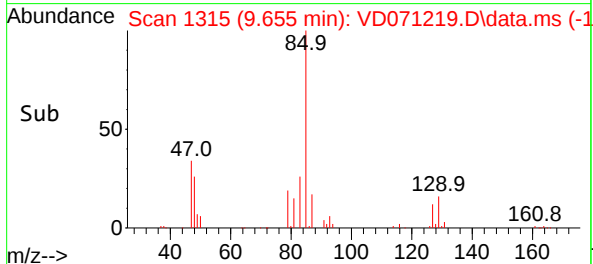
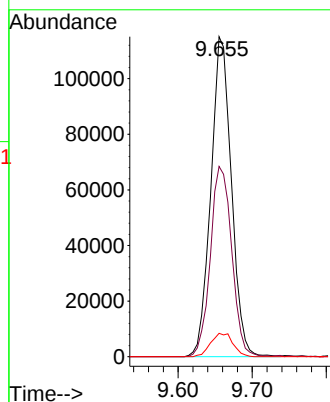
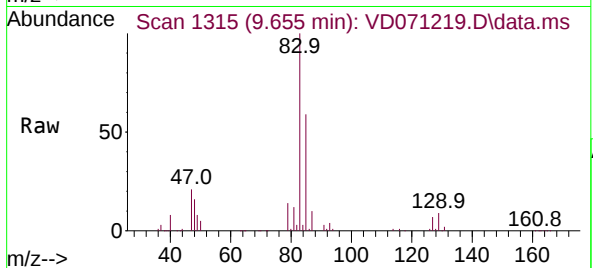
Tgt Ion: 83 Resp: 221560

Ion Ratio Lower Upper

83 100

85 59.5 50.0 75.0

127 7.3 7.3 10.9



#48

Methyl methacrylate

Concen: 57.214 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.007 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

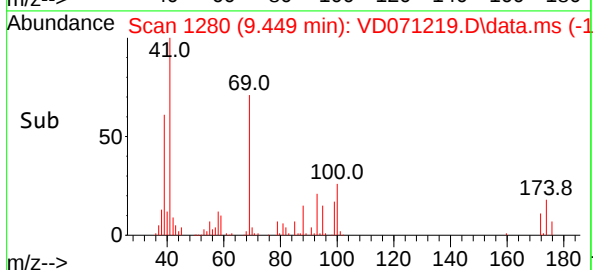
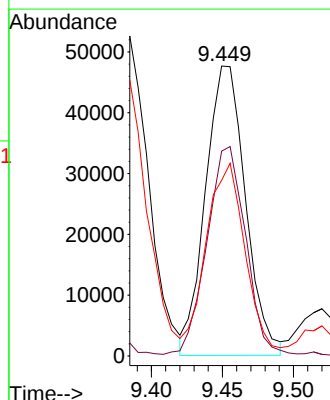
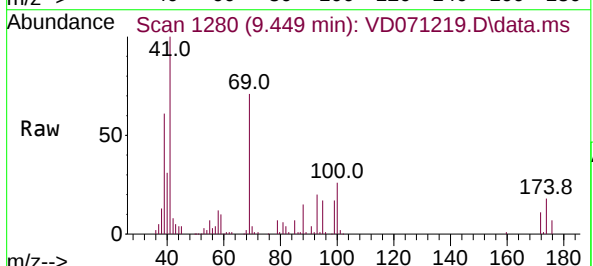
Tgt Ion: 41 Resp: 93196

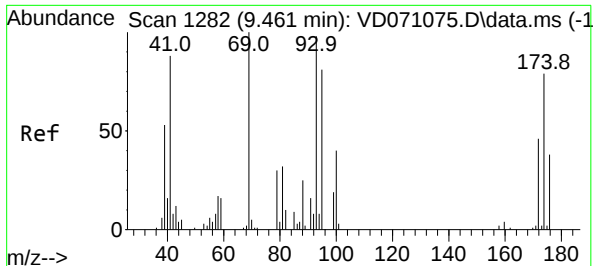
Ion Ratio Lower Upper

41 100

69 69.1 69.8 104.6#

39 59.4 35.6 53.4#





#49

1,4-Dioxane

Concen: 1202.223 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

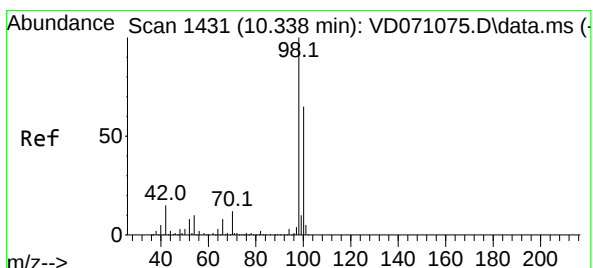
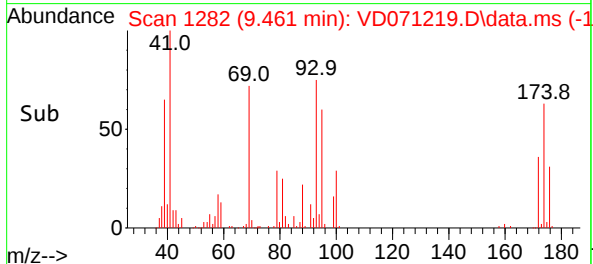
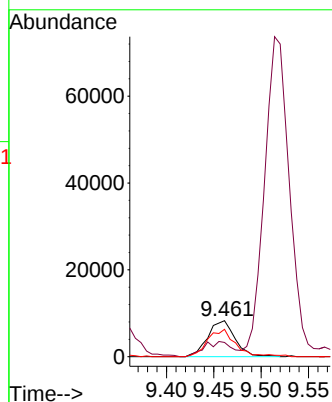
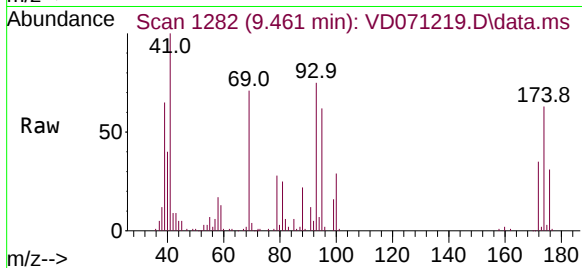
Tgt Ion: 88 Resp: 16569

Ion Ratio Lower Upper

88 100

43 44.4 28.9 43.3#

58 78.8 56.3 84.5



#50

Toluene-d8

Concen: 49.601 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071219.D

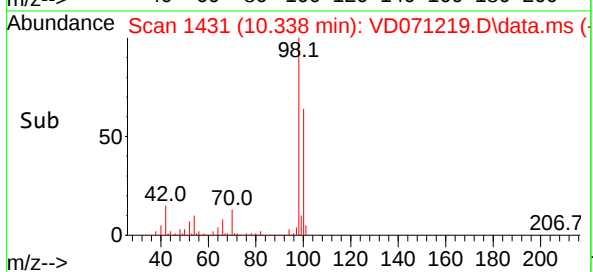
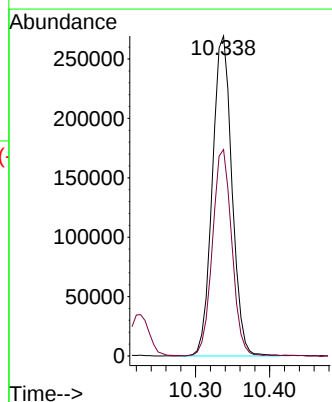
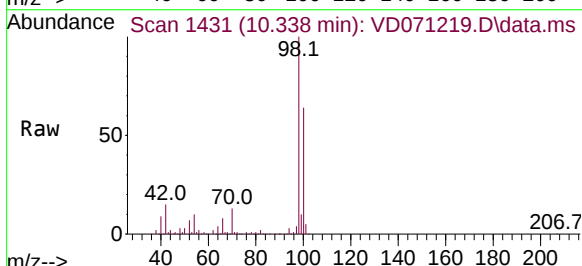
Acq: 09 Dec 2021 09:54

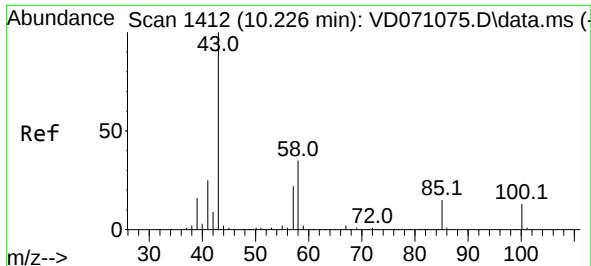
Tgt Ion: 98 Resp: 495443

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 257.888 ug/l

RT: 10.220 min Scan# 1412

Delta R.T. -0.006 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

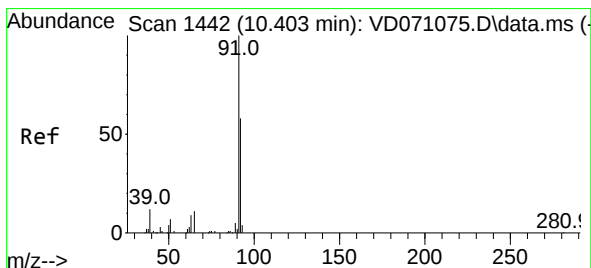
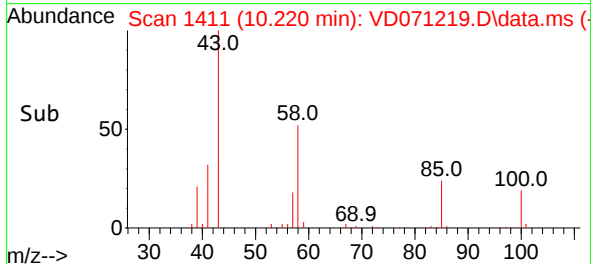
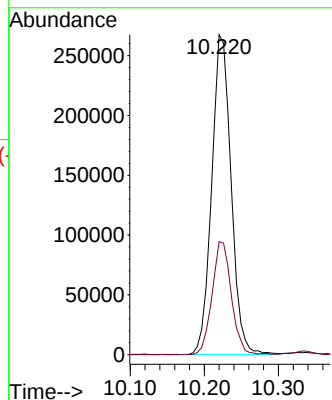
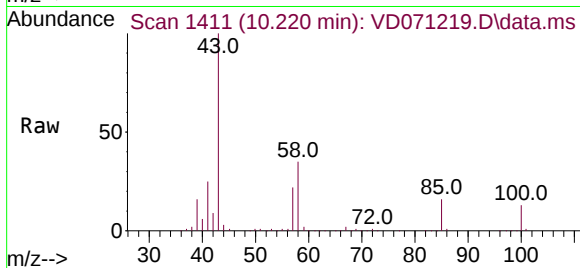
ClientSampleId :

Tgt Ion: 43 Resp: 485991

Ion Ratio Lower Upper

43 100

58 35.2 33.1 49.7



#52

Toluene

Concen: 55.863 ug/l

RT: 10.402 min Scan# 1442

Delta R.T. -0.001 min

Lab File: VD071219.D

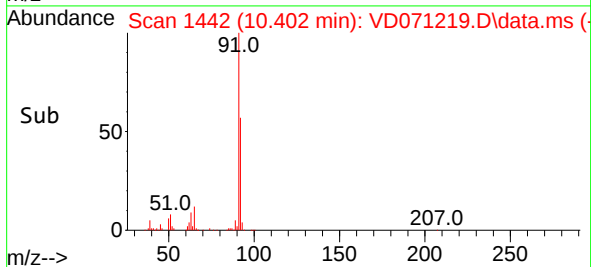
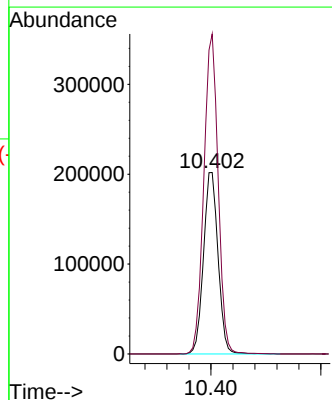
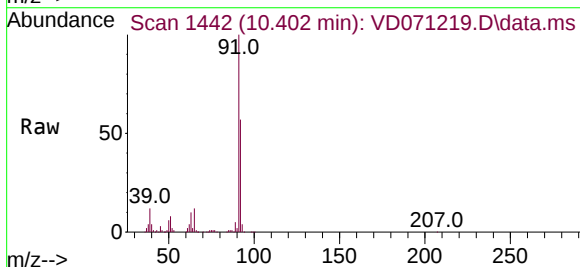
Acq: 09 Dec 2021 09:54

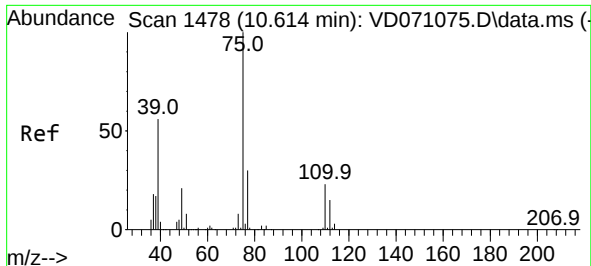
Tgt Ion: 92 Resp: 370896

Ion Ratio Lower Upper

92 100

91 173.4 140.7 211.1





#53

t-1,3-Dichloropropene

Concen: 56.807 ug/l

RT: 10.614 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

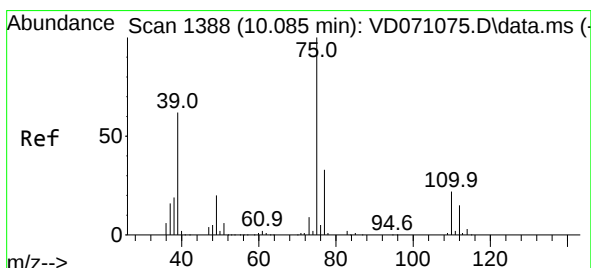
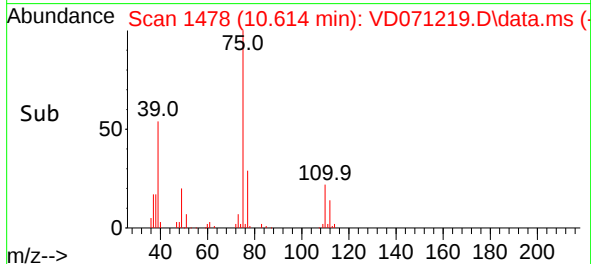
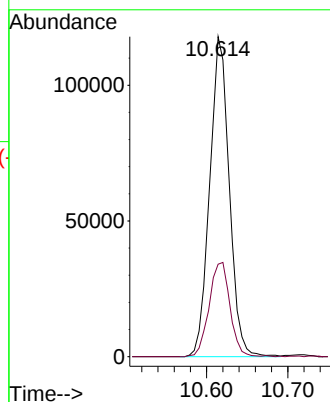
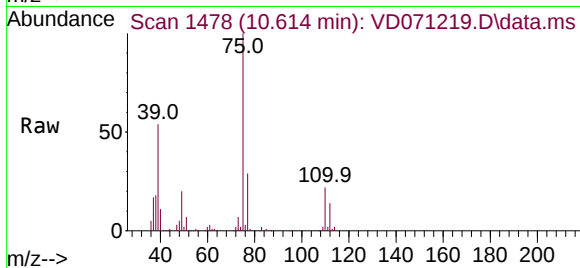
ClientSampleId :

Tgt Ion: 75 Resp: 197206

Ion Ratio Lower Upper

75 100

77 28.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 56.388 ug/l

RT: 10.085 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

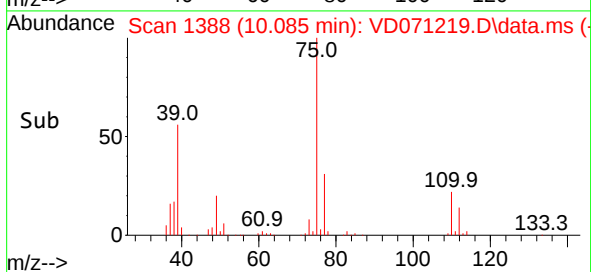
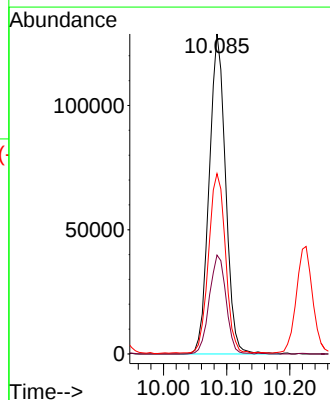
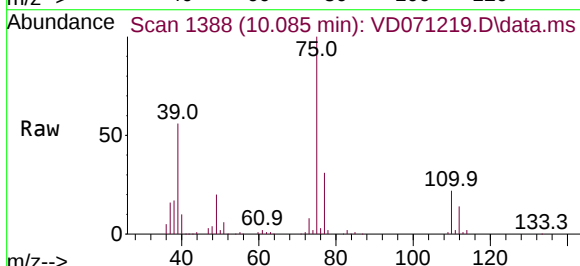
Tgt Ion: 75 Resp: 232519

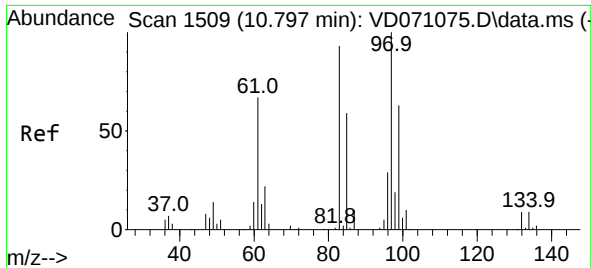
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

39 56.0 31.6 47.4#

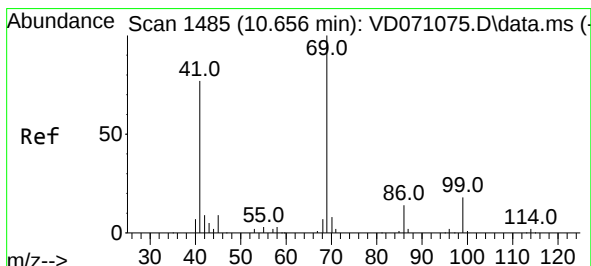
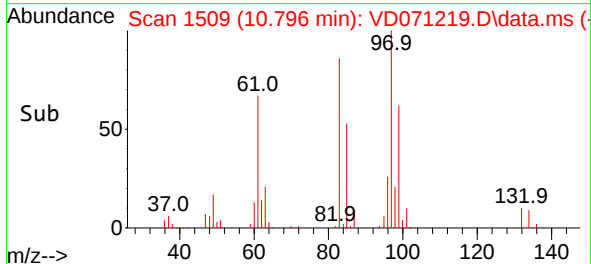
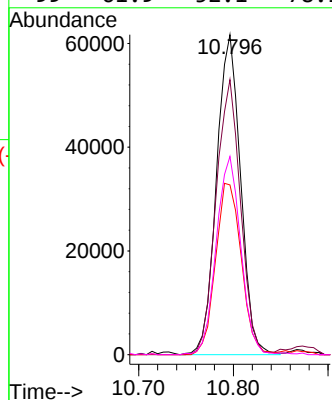
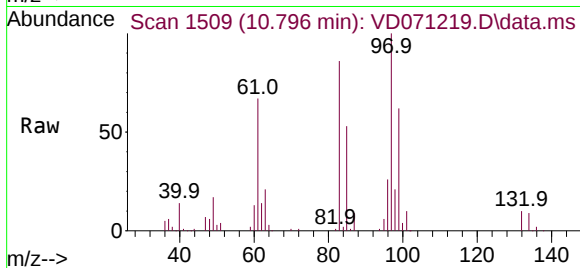




#55
1,1,2-Trichloroethane
Concen: 58.149 ug/l
RT: 10.796 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

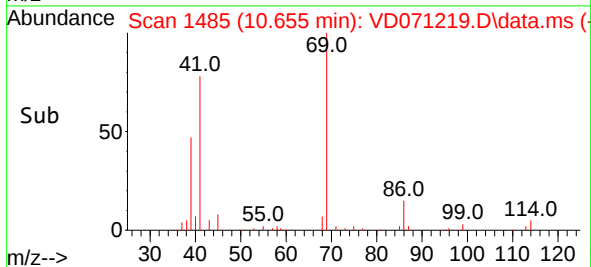
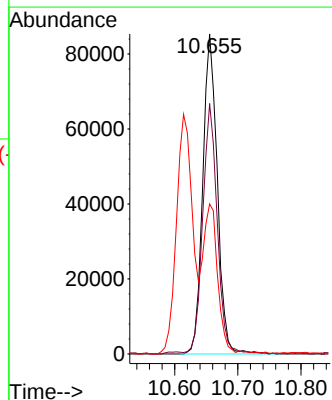
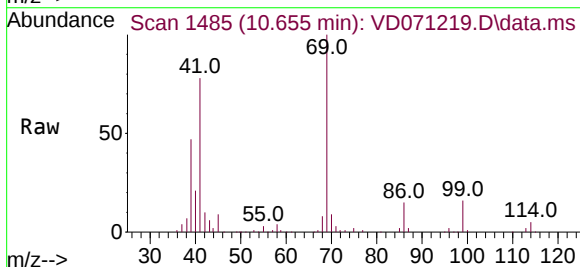
Instrument :
MSVOA_D
ClientSampleId :

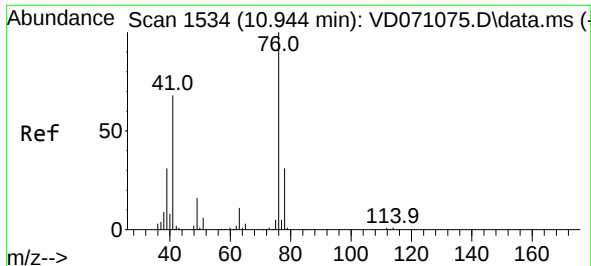
Tgt Ion:	97	Resp:	108911
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.2	97.8
85	53.0	43.4	65.0
99	61.9	52.1	78.1



#56
Ethyl methacrylate
Concen: 50.478 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion:	69	Resp:	136281
Ion	Ratio	Lower	Upper
69	100		
41	76.8	50.2	75.2#
39	47.3	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 58.149 ug/l

RT: 10.943 min Scan# 1534

Delta R.T. -0.001 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

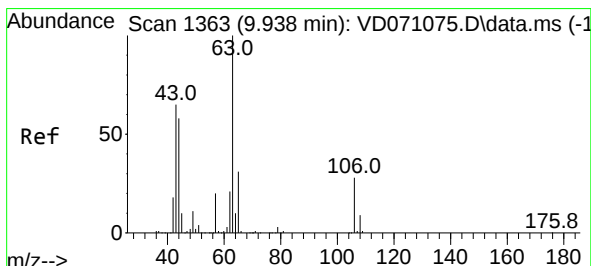
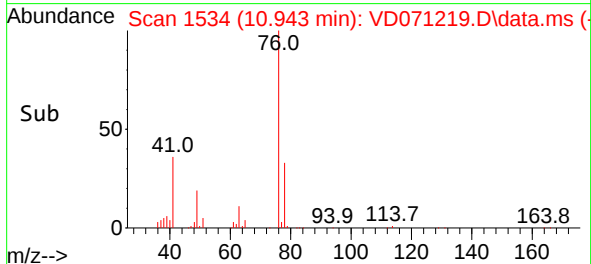
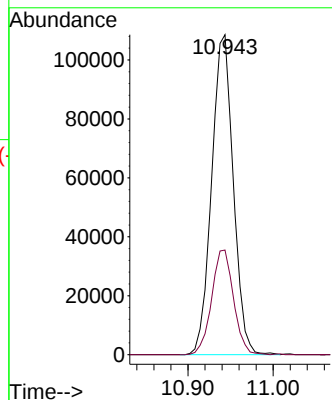
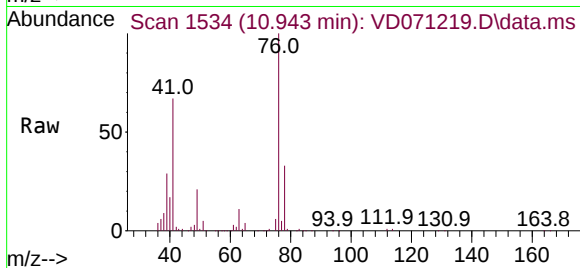
ClientSampleId :

Tgt Ion: 76 Resp: 191327

Ion Ratio Lower Upper

76 100

78 33.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 273.594 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071219.D

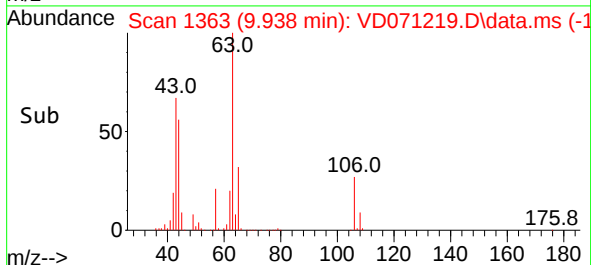
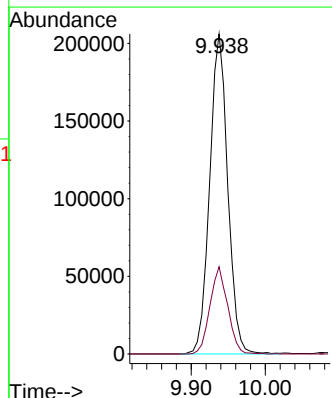
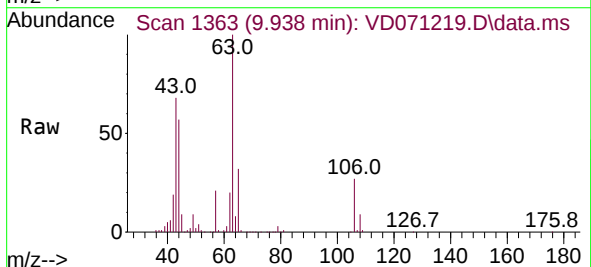
Acq: 09 Dec 2021 09:54

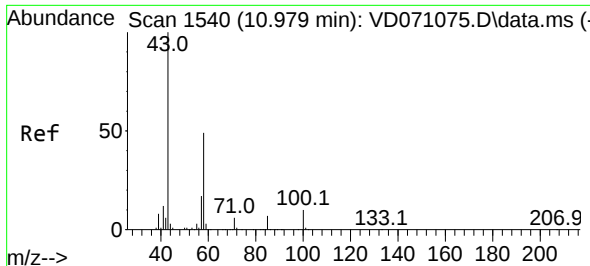
Tgt Ion: 63 Resp: 348701

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4

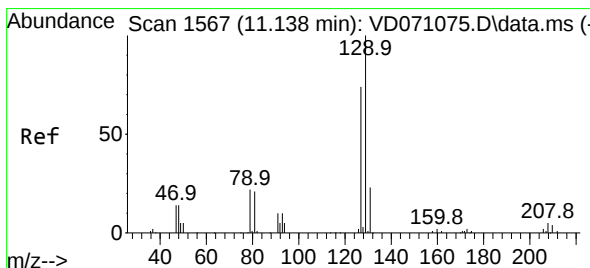
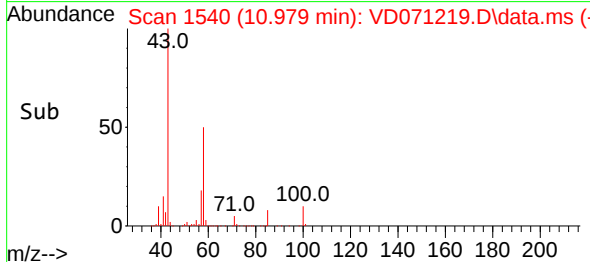
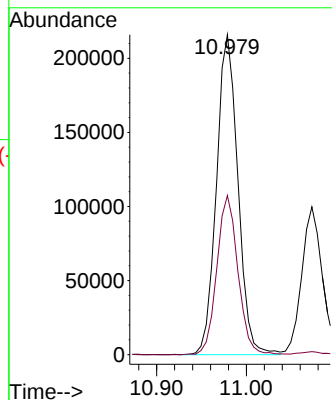
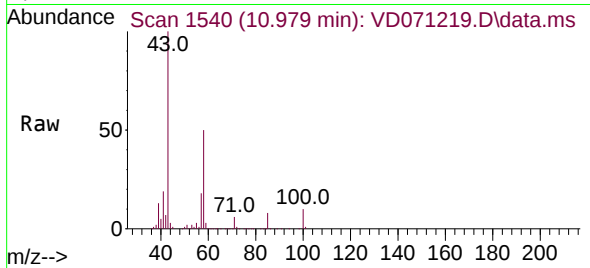




#59
2-Hexanone
Concen: 252.856 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

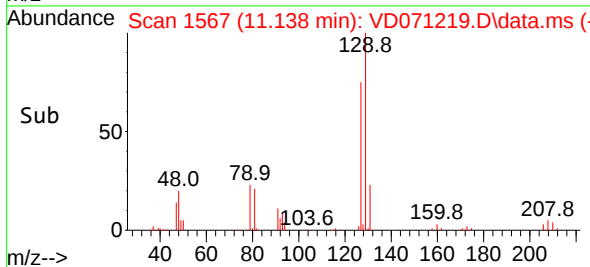
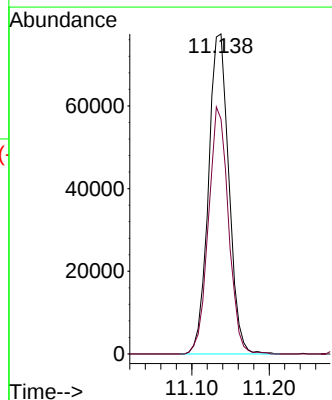
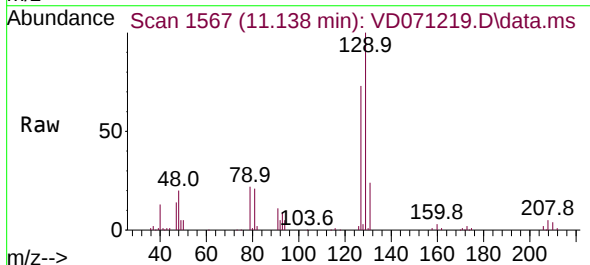
Instrument :
MSVOA_D
ClientSampleId :

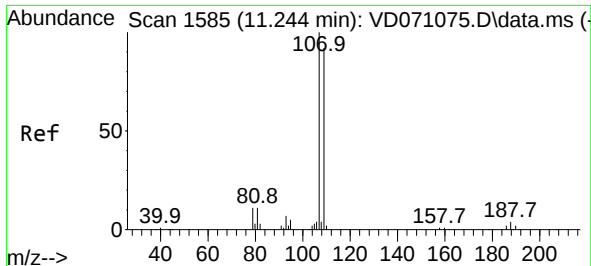
Tgt Ion: 43 Resp: 358168
Ion Ratio Lower Upper
43 100
58 49.0 28.7 86.1



#60
Dibromochloromethane
Concen: 60.781 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

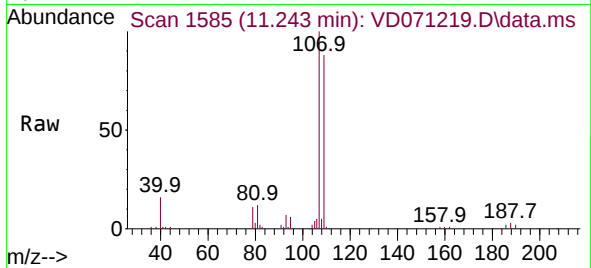
Tgt Ion: 129 Resp: 141487
Ion Ratio Lower Upper
129 100
127 75.6 38.9 116.6



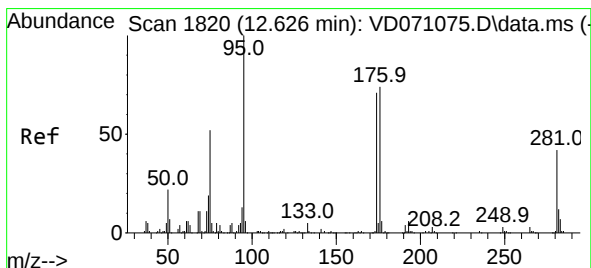
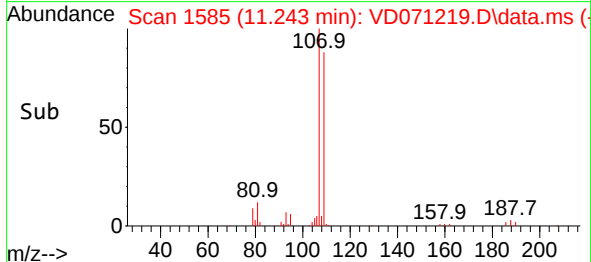
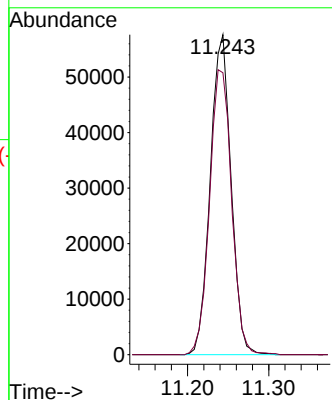


#61
1,2-Dibromoethane
Concen: 57.016 ug/l
RT: 11.243 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Instrument :
MSVOA_D
ClientSampleId :

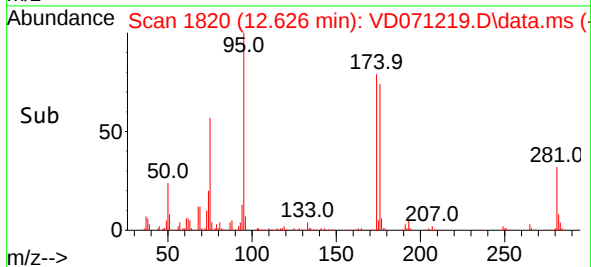
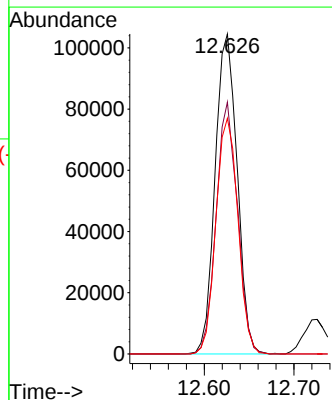
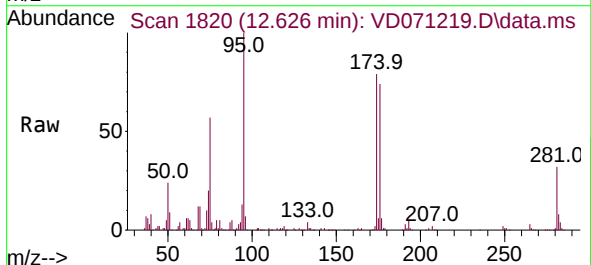


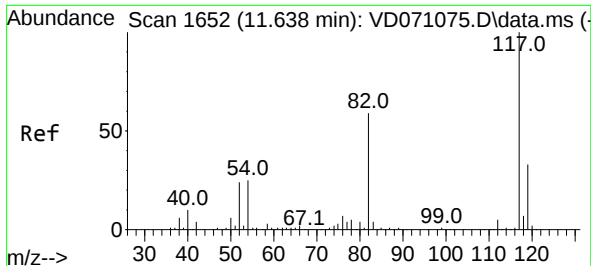
Tgt Ion:107 Resp: 102560
Ion Ratio Lower Upper
107 100
109 94.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 51.450 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 95 Resp: 178139
Ion Ratio Lower Upper
95 100
174 76.3 0.0 159.4
176 73.7 0.0 154.0

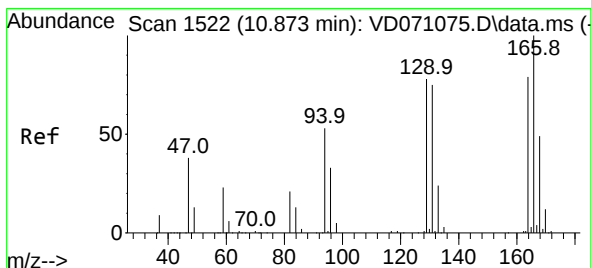
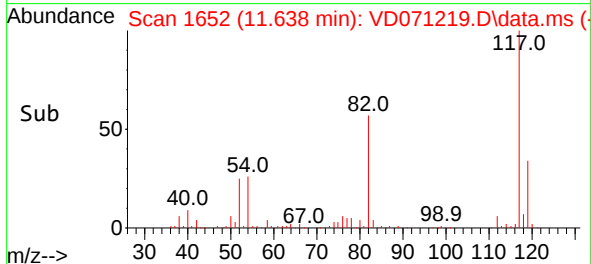
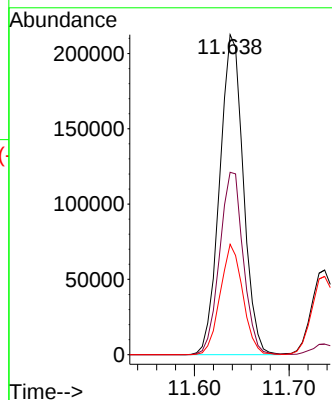
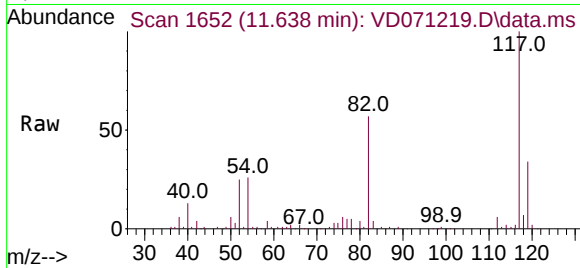




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

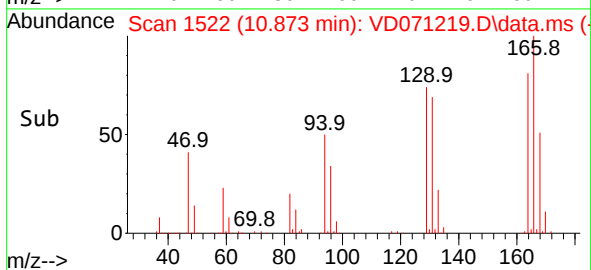
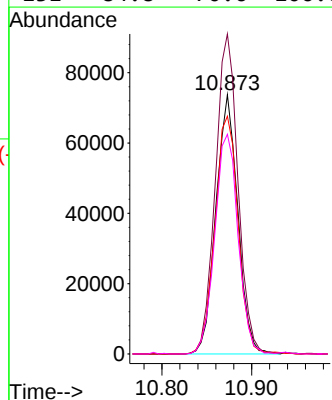
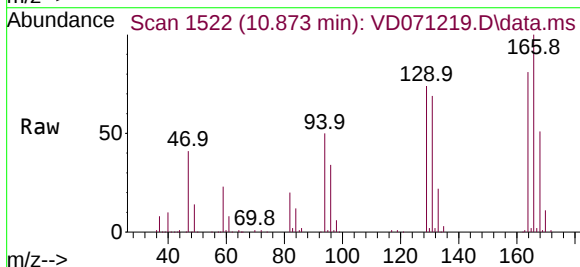
Instrument :
MSVOA_D
ClientSampleId :

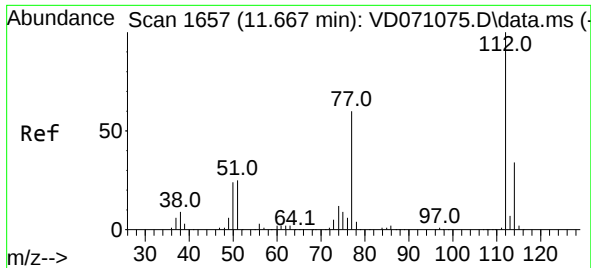
Tgt Ion:117 Resp: 369363
Ion Ratio Lower Upper
117 100
82 57.0 44.7 67.1
119 34.5 26.2 39.4



#64
Tetrachloroethene
Concen: 53.421 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion:164 Resp: 125267
Ion Ratio Lower Upper
164 100
166 123.5 102.6 153.8
129 91.8 75.4 113.0
131 84.8 70.6 106.0

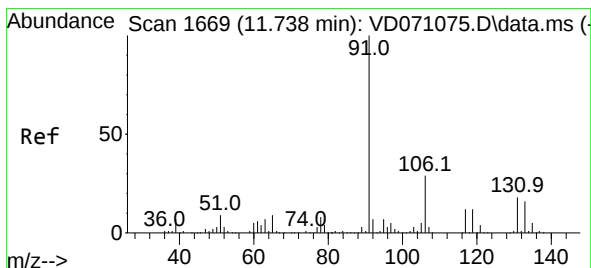
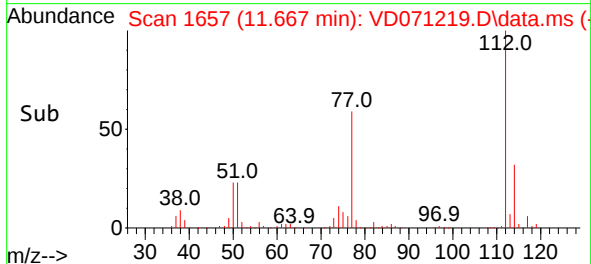
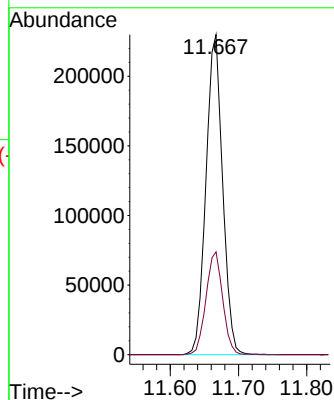
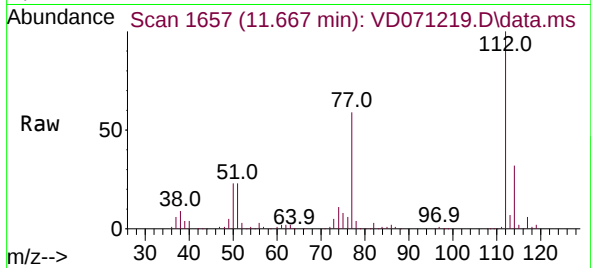




#65
Chlorobenzene
Concen: 56.952 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

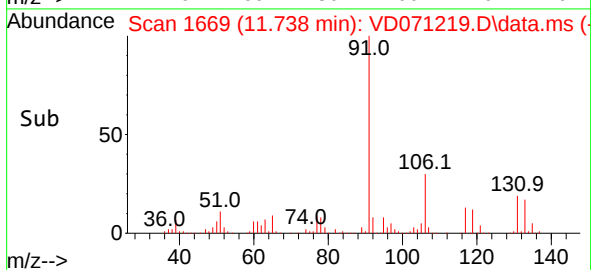
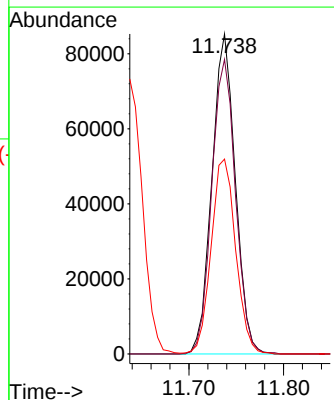
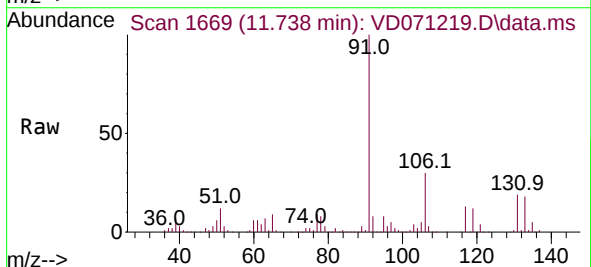
Instrument :
MSVOA_D
ClientSampleId :

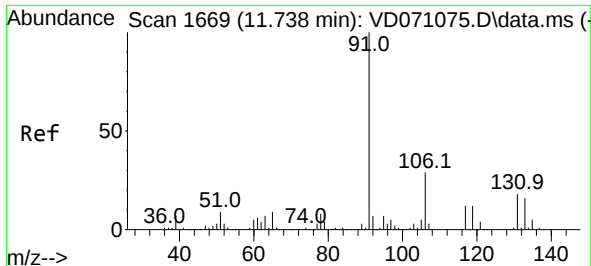
Tgt Ion:112 Resp: 390306
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 58.401 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion:131 Resp: 146135
Ion Ratio Lower Upper
131 100
133 93.7 48.0 144.0
119 64.1 33.5 100.4

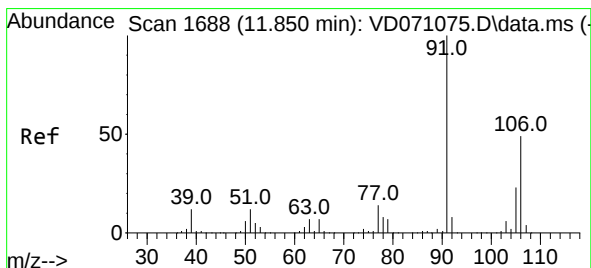
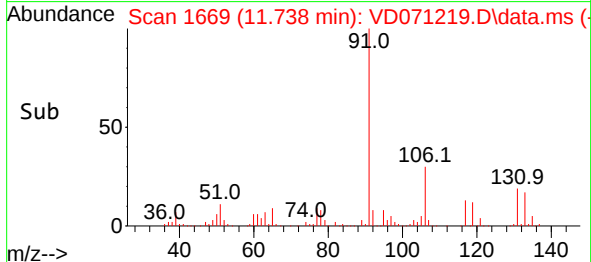
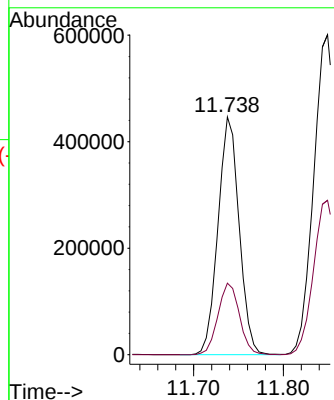
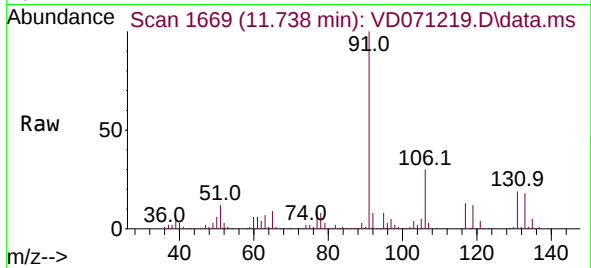




#67
Ethyl Benzene
Concen: 56.530 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

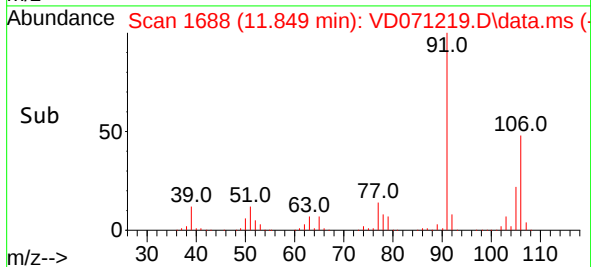
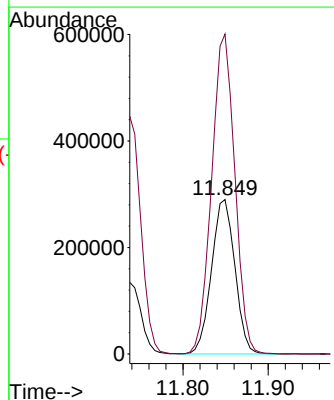
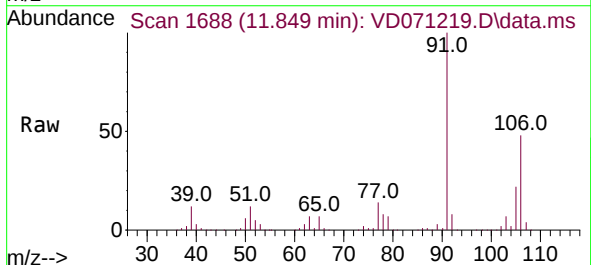
Instrument :
MSVOA_D
ClientSampleId :

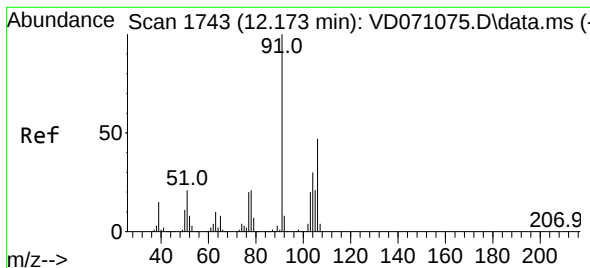
Tgt Ion: 91 Resp: 729318
Ion Ratio Lower Upper
91 100
106 30.1 24.6 36.8



#68
m/p-Xylenes
Concen: 113.377 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion:106 Resp: 552229
Ion Ratio Lower Upper
106 100
91 205.6 160.1 240.1





#69

o-Xylene

Concen: 56.524 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

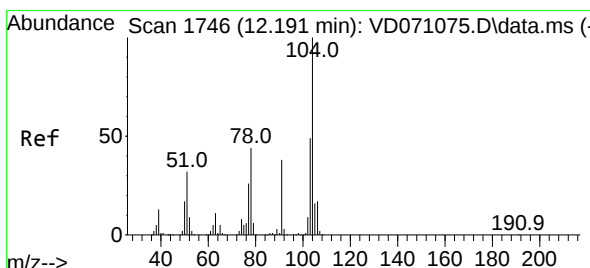
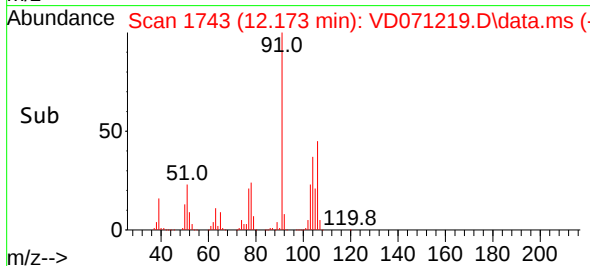
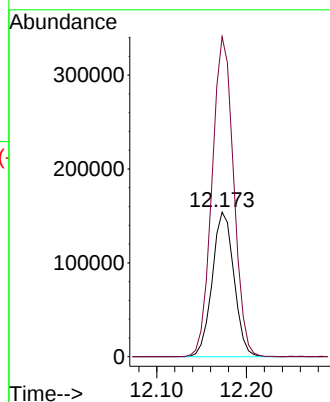
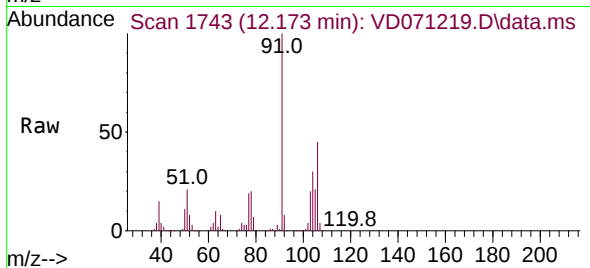
ClientSampleId :

Tgt Ion:106 Resp: 258760

Ion Ratio Lower Upper

106 100

91 220.4 106.3 319.0



#70

Styrene

Concen: 57.793 ug/l

RT: 12.190 min Scan# 1746

Delta R.T. -0.001 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

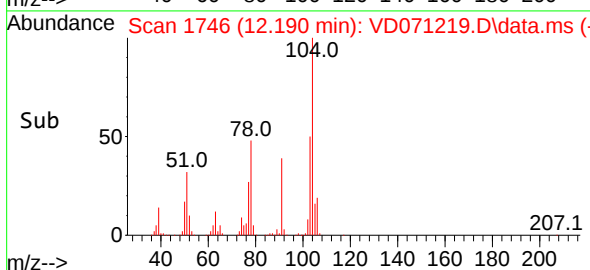
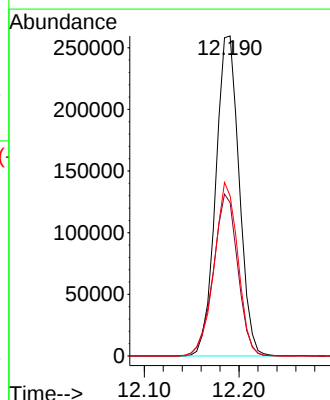
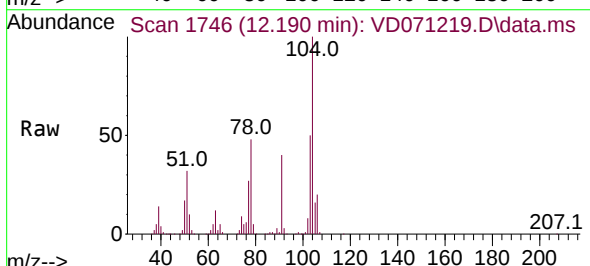
Tgt Ion:104 Resp: 445900

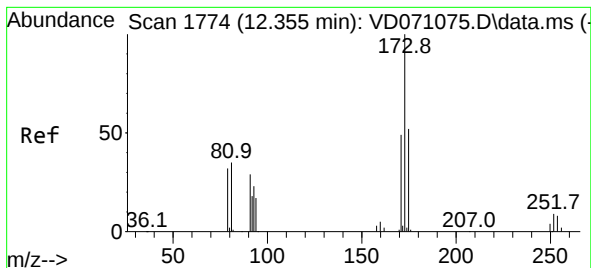
Ion Ratio Lower Upper

104 100

78 52.7 39.4 59.0

103 55.0 43.4 65.0





#71

Bromoform

Concen: 58.394 ug/l

RT: 12.355 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VD071219.D

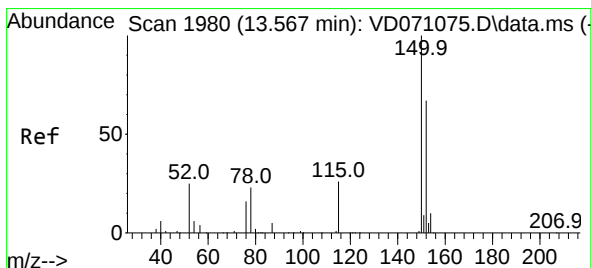
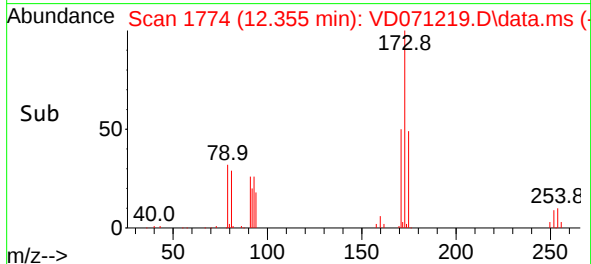
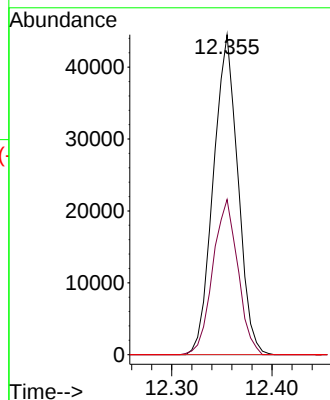
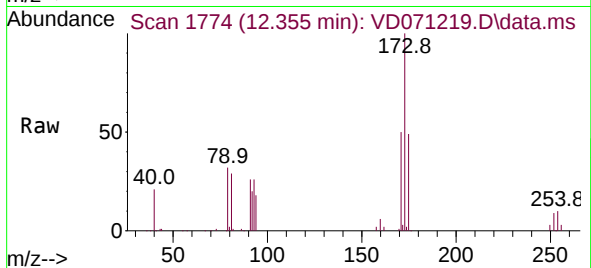
Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173 Resp: 75699
 Ion Ratio Lower Upper
 173 100
 175 49.5 24.1 72.2
 254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

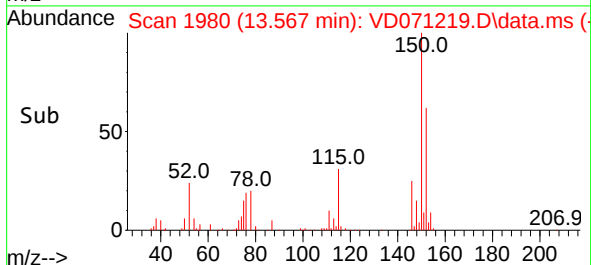
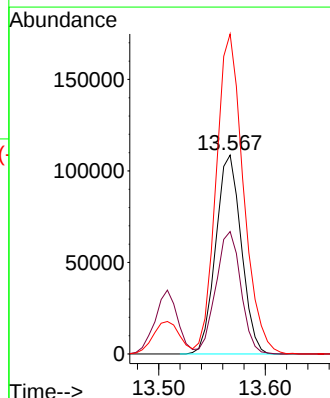
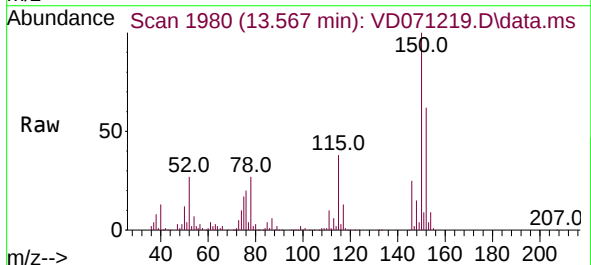
RT: 13.567 min Scan# 1980

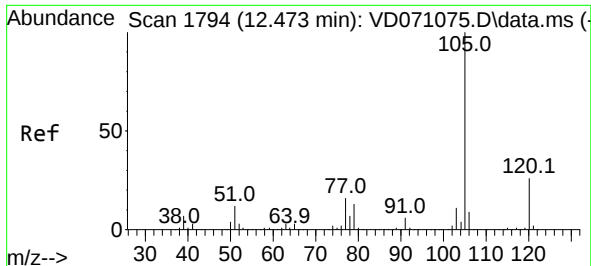
Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Tgt Ion:152 Resp: 180496
 Ion Ratio Lower Upper
 152 100
 115 60.7 29.8 89.3
 150 172.3 0.0 349.2

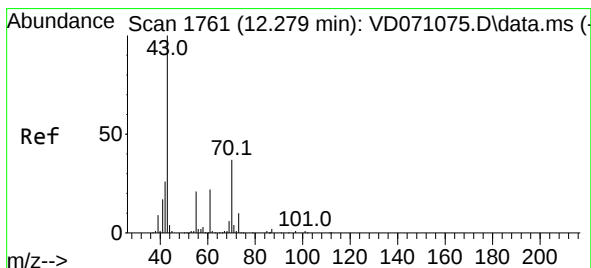
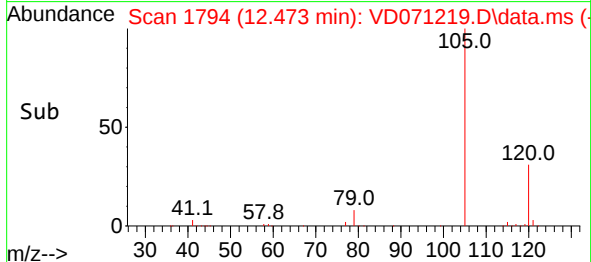
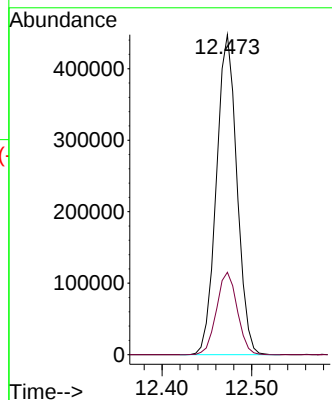
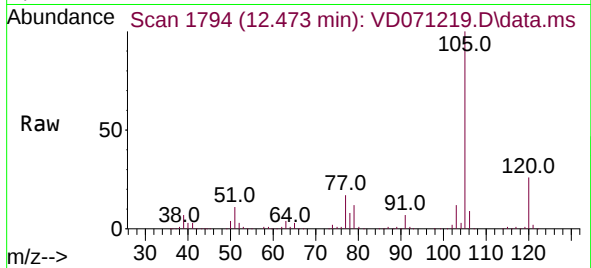




#73
Isopropylbenzene
Concen: 54.340 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

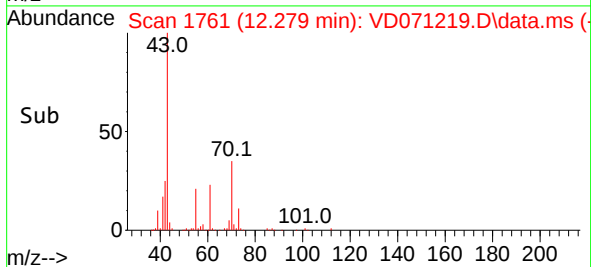
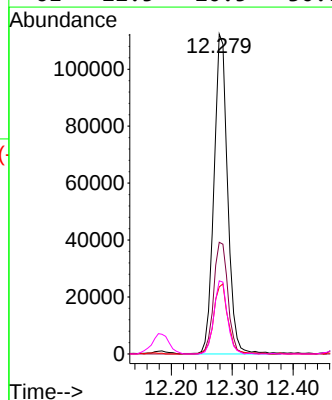
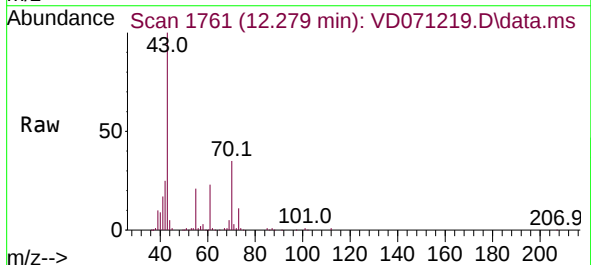
Instrument :
MSVOA_D
ClientSampleId :

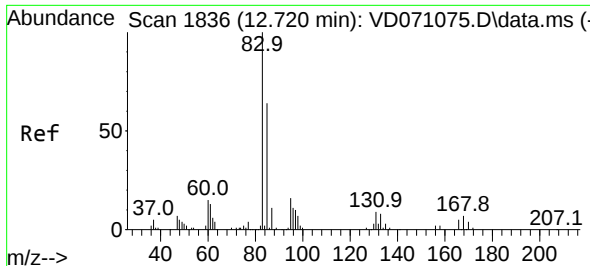
Tgt Ion:105 Resp: 710195
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5



#74
N-ethyl acetate
Concen: 49.204 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 43 Resp: 175697
Ion Ratio Lower Upper
43 100
70 36.1 36.6 55.0#
55 22.6 22.5 33.7
61 22.5 20.5 30.7

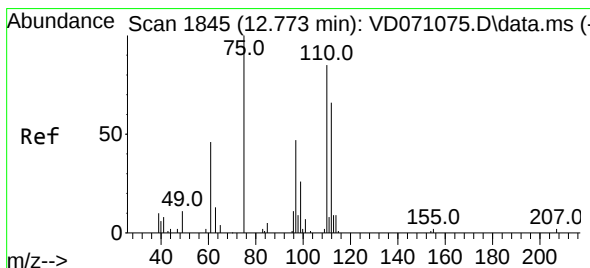
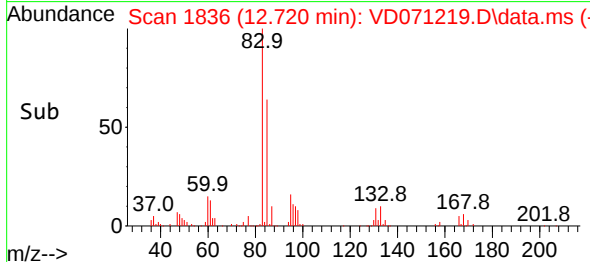
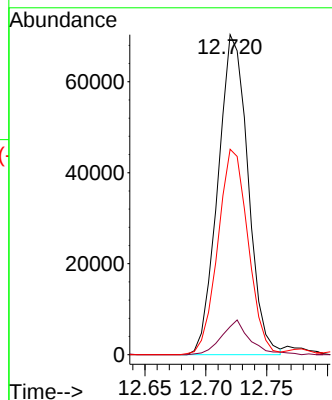
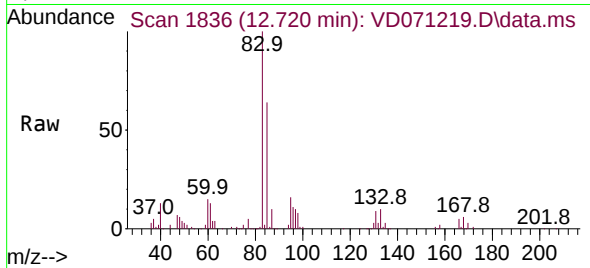




#75
 1,1,2-Tetrachloroethane
 Concen: 56.165 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

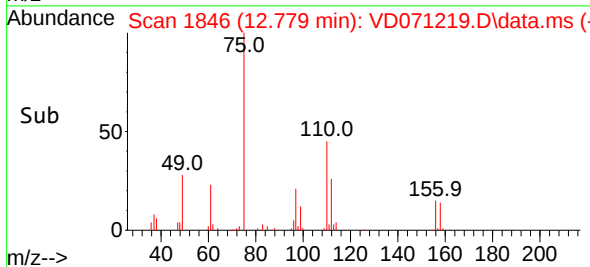
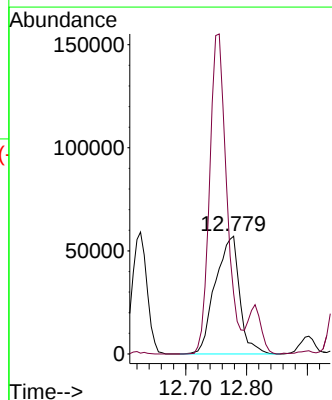
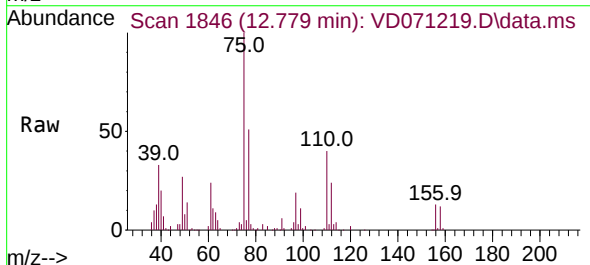
Instrument :
 MSVOA_D
 ClientSampleId :

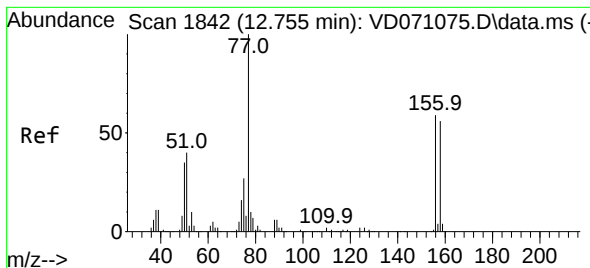
Tgt Ion: 83 Resp: 120882
 Ion Ratio Lower Upper
 83 100
 131 10.2 4.9 14.7
 85 64.6 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 92.221 ug/l
 RT: 12.779 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

Tgt Ion: 75 Resp: 158591
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#





#77

Bromobenzene

Concen: 53.486 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

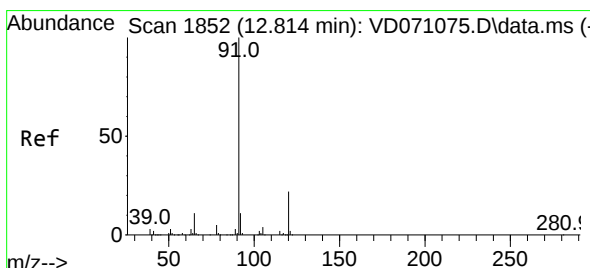
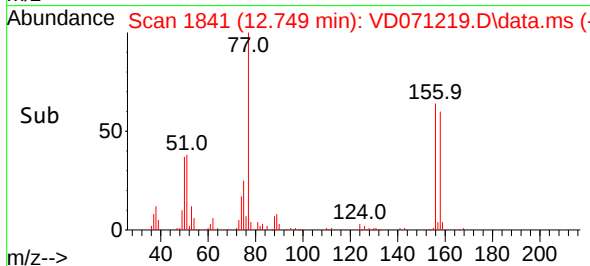
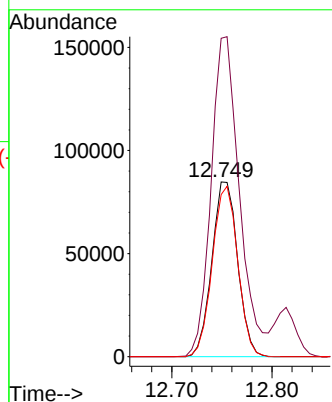
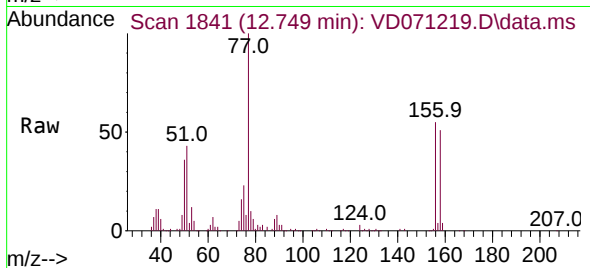
Tgt Ion:156 Resp: 151408

Ion Ratio Lower Upper

156 100

77 202.2 96.6 289.8

158 96.2 49.1 147.4



#78

n-propylbenzene

Concen: 54.767 ug/l

RT: 12.814 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VD071219.D

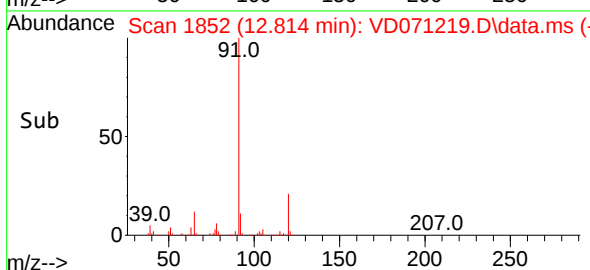
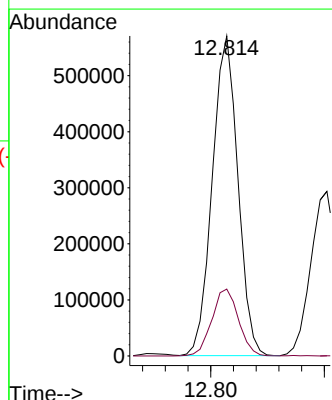
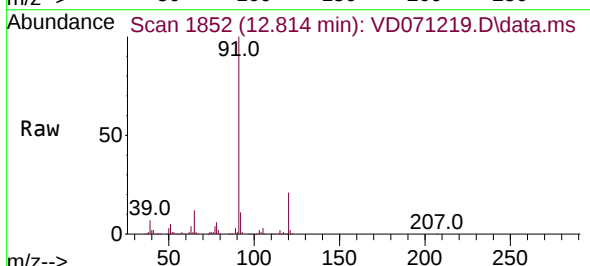
Acq: 09 Dec 2021 09:54

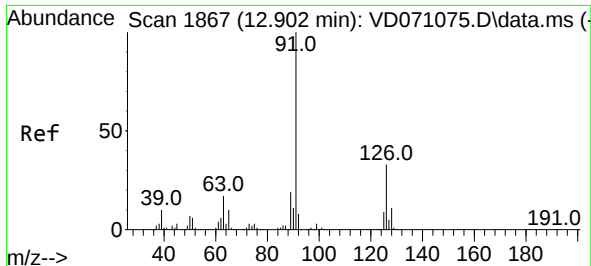
Tgt Ion: 91 Resp: 891377

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 53.501 ug/l

RT: 12.902 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

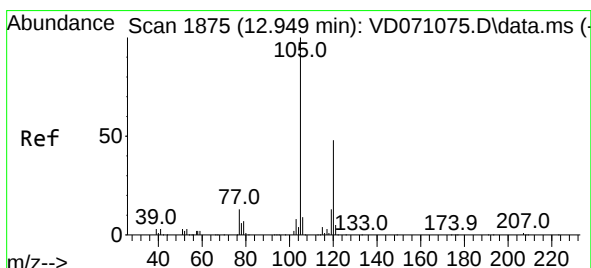
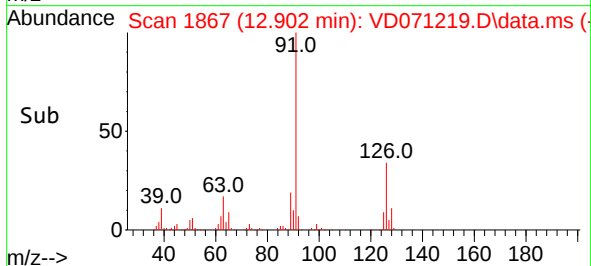
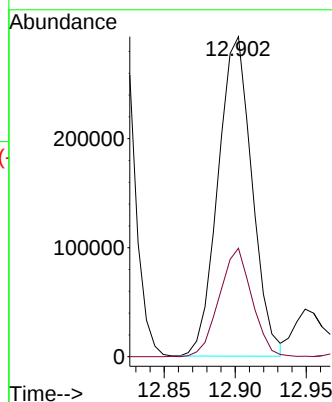
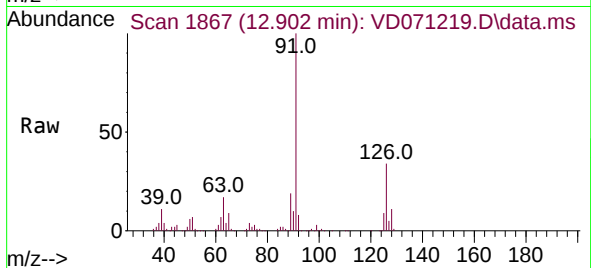
ClientSampleId :

Tgt Ion: 91 Resp: 488725

Ion Ratio Lower Upper

91 100

126 32.6 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 54.240 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071219.D

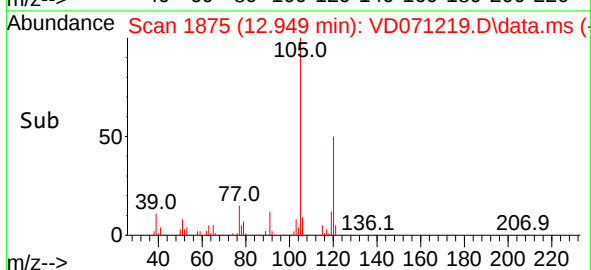
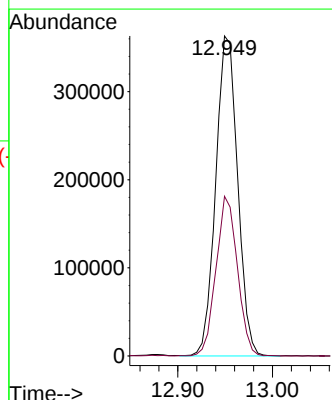
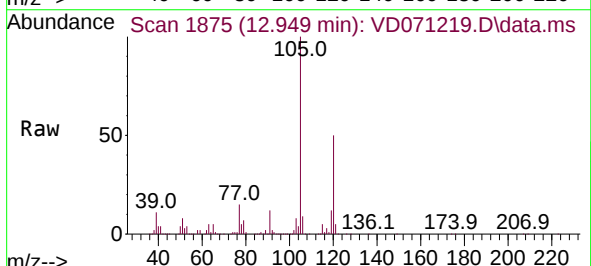
Acq: 09 Dec 2021 09:54

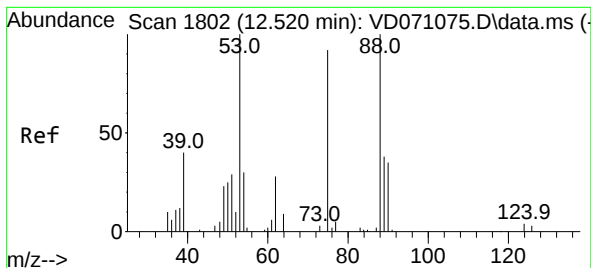
Tgt Ion:105 Resp: 584560

Ion Ratio Lower Upper

105 100

120 48.7 24.6 73.8

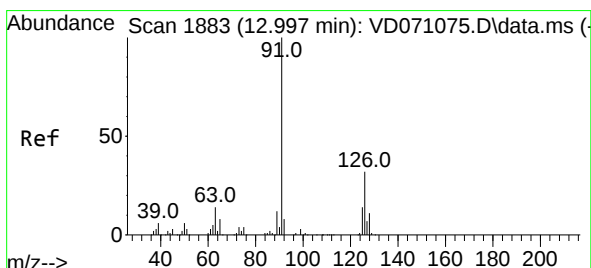
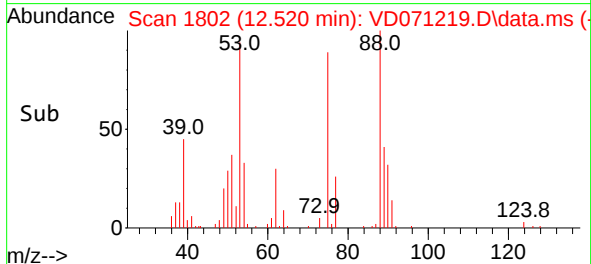
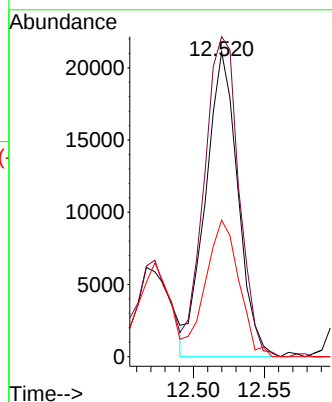
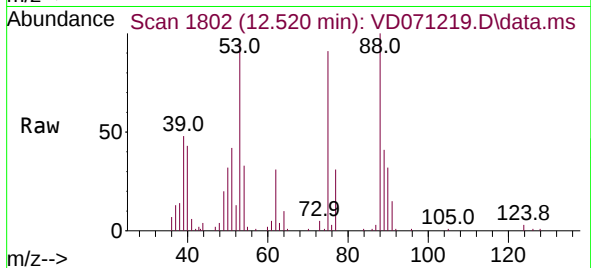




#81
trans-1,4-Dichloro-2-butene
Concen: 45.818 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

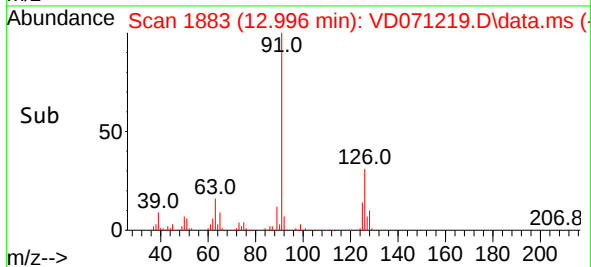
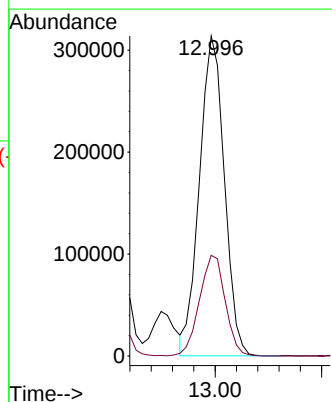
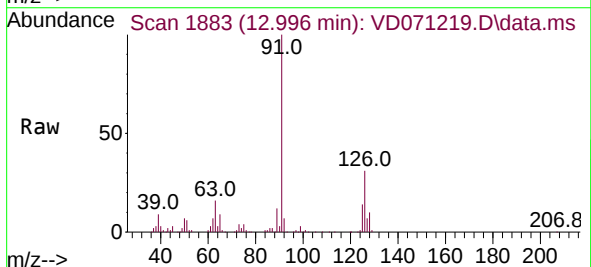
Instrument :
MSVOA_D
ClientSampleId :

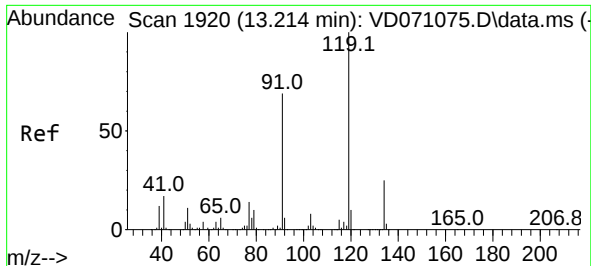
Tgt Ion: 75 Resp: 33286
Ion Ratio Lower Upper
75 100
53 113.0 62.6 94.0#
89 46.6 34.5 51.7



#82
4-Chlorotoluene
Concen: 53.708 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 91 Resp: 509342
Ion Ratio Lower Upper
91 100
126 32.5 16.4 49.1

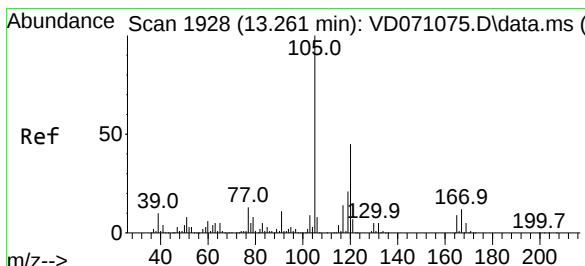
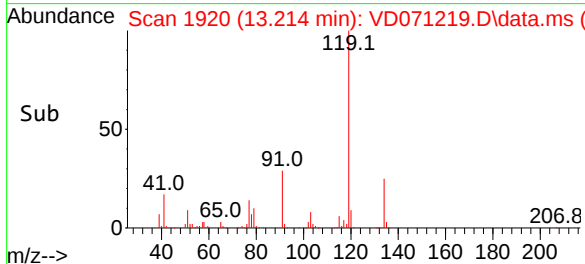
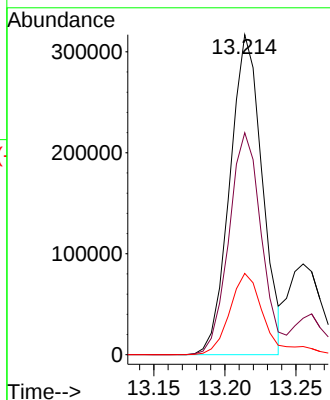
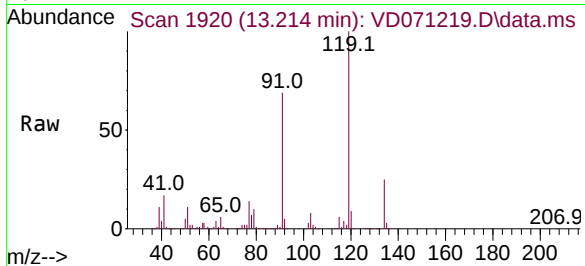




#83
tert-Butylbenzene
Concen: 54.306 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

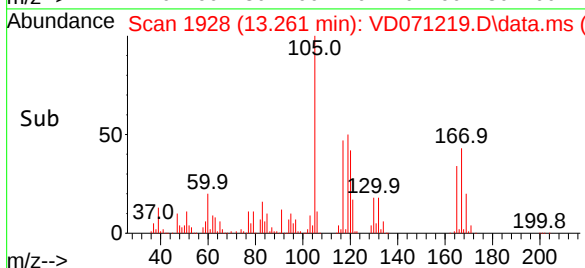
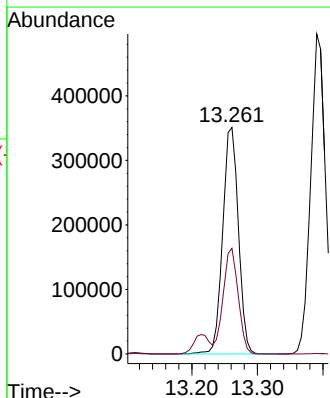
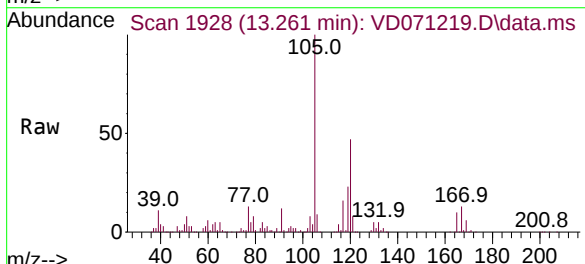
Instrument :
MSVOA_D
ClientSampleId :

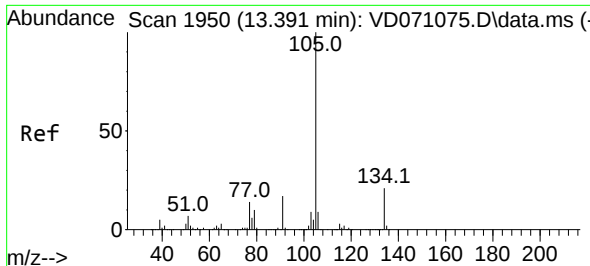
Tgt Ion:119 Resp: 502626
Ion Ratio Lower Upper
119 100
91 70.2 32.5 97.5
134 27.4 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 55.266 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion:105 Resp: 581505
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7

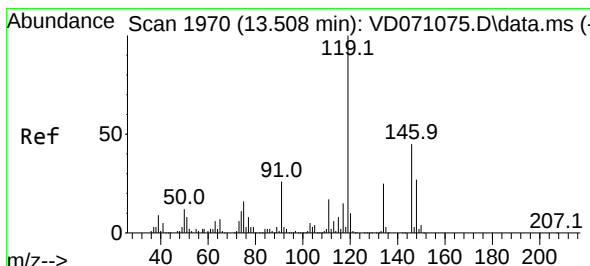
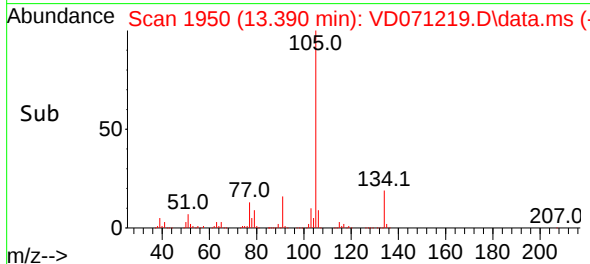
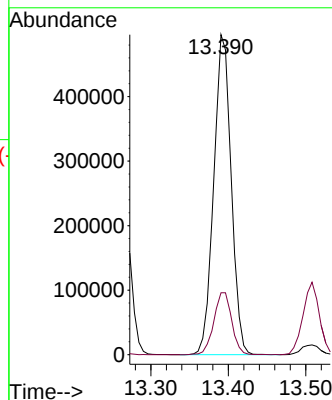
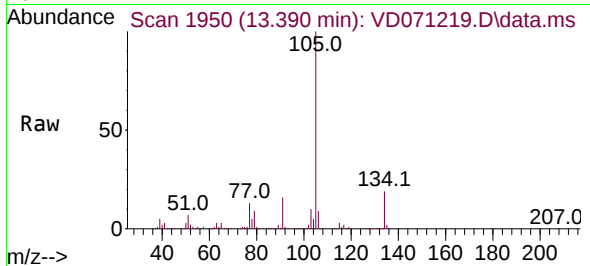




#85
 sec-Butylbenzene
 Concen: 54.798 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

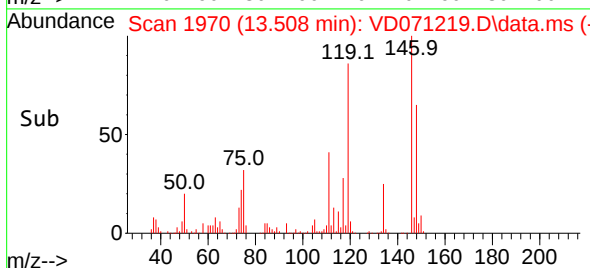
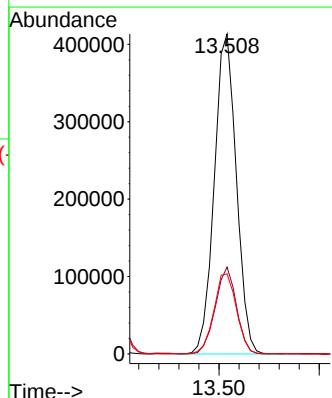
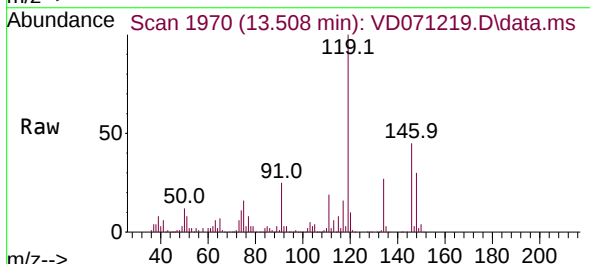
Instrument :
 MSVOA_D
 ClientSampleId :

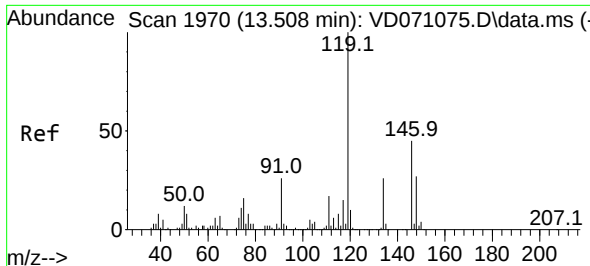
Tgt Ion:105 Resp: 774648
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 54.578 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

Tgt Ion:119 Resp: 631040
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 25.6 11.4 34.2

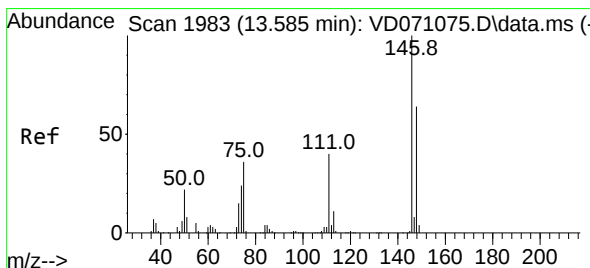
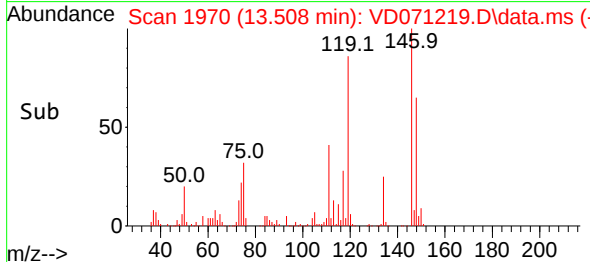
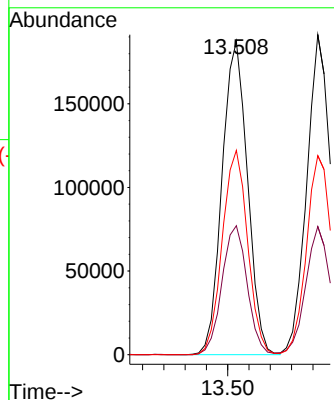
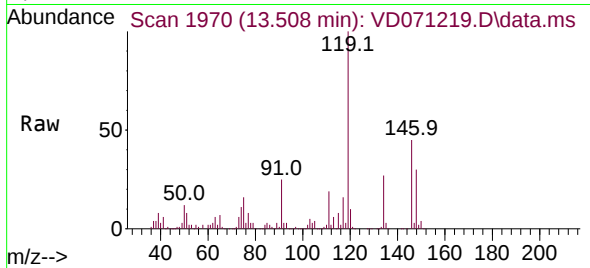




#87
 1,3-Dichlorobenzene
 Concen: 55.084 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

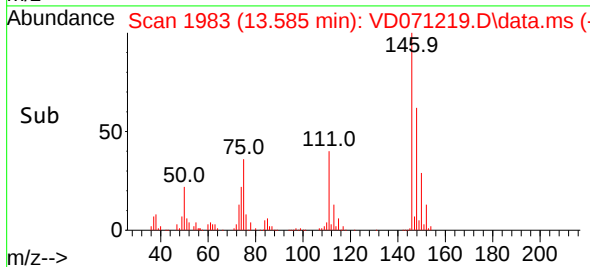
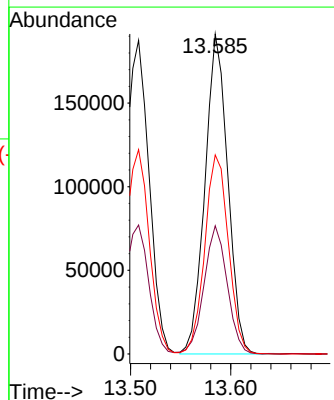
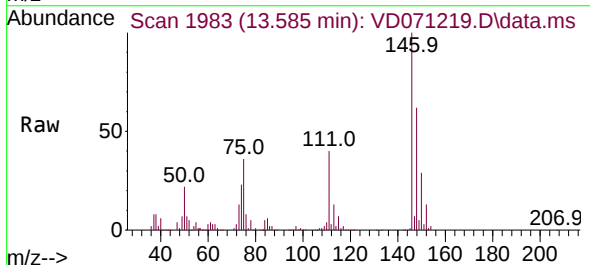
Instrument :
 MSVOA_D
 ClientSampleId :

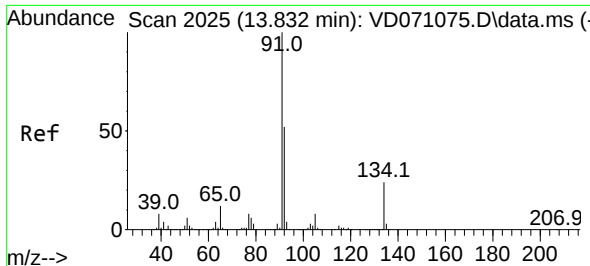
Tgt Ion:146 Resp: 310405
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.8 59.4
 148 65.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 54.318 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD071219.D
 Acq: 09 Dec 2021 09:54

Tgt Ion:146 Resp: 303256
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.6 58.8
 148 64.5 31.5 94.5

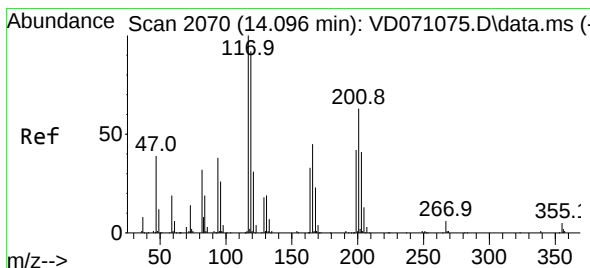
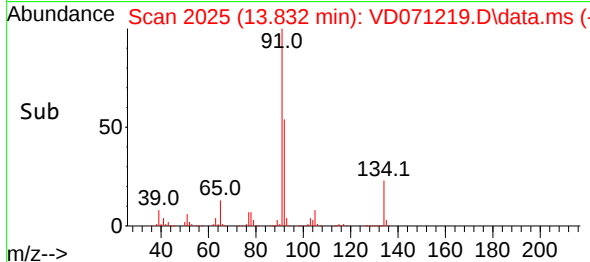
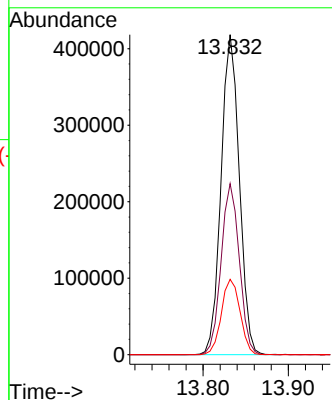
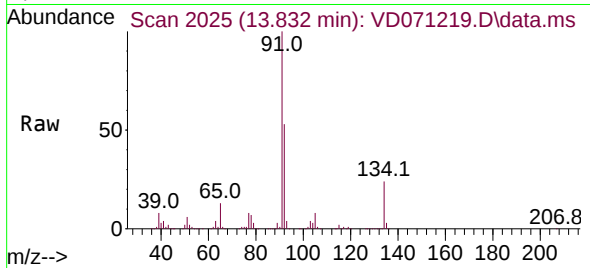




#89
n-Butylbenzene
Concen: 55.102 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

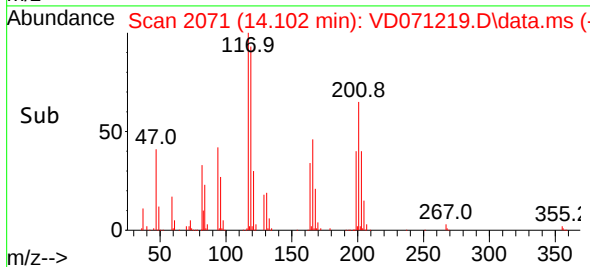
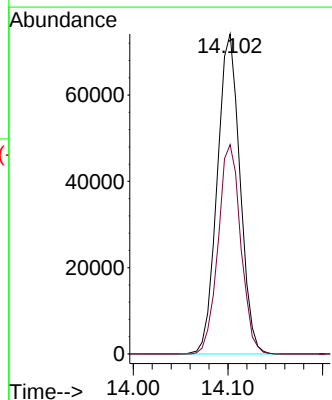
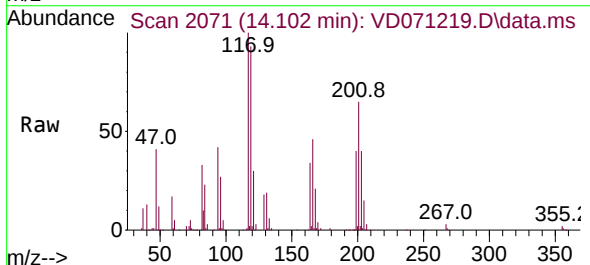
Instrument :
MSVOA_D
ClientSampleId :

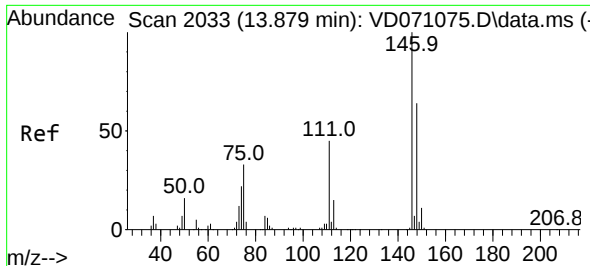
Tgt Ion: 91 Resp: 621923
Ion Ratio Lower Upper
91 100
92 53.3 27.3 81.9
134 24.1 12.3 36.9



#90
Hexachloroethane
Concen: 56.399 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 117 Resp: 123615
Ion Ratio Lower Upper
117 100
201 65.1 36.0 108.1

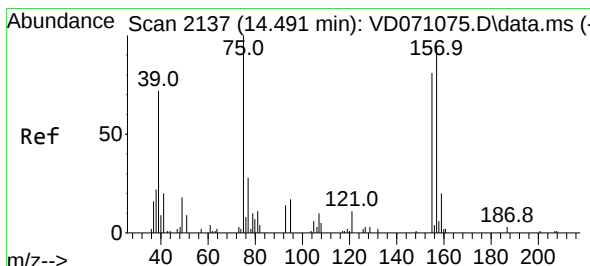
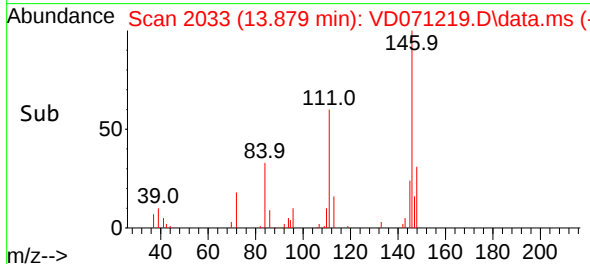
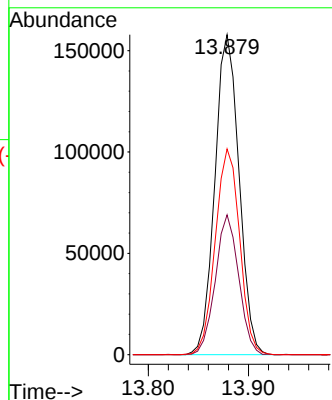
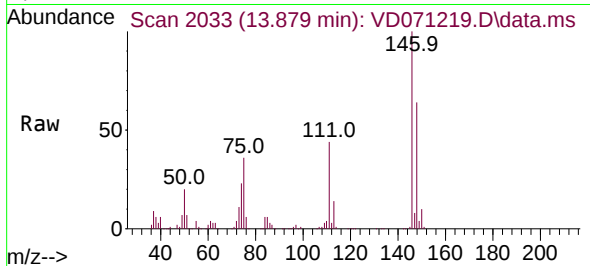




#91
1,2-Dichlorobenzene
Concen: 55.233 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

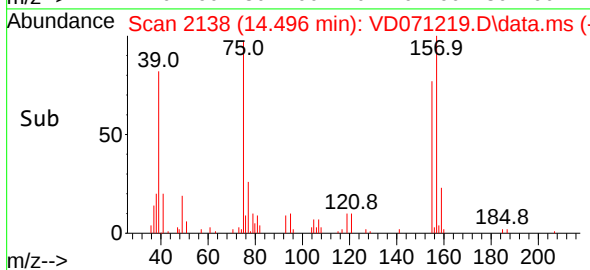
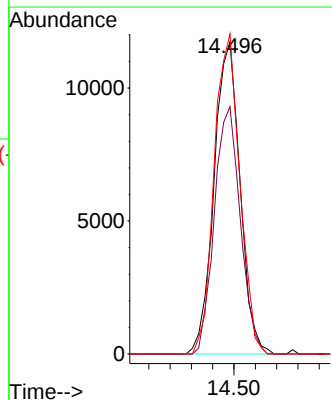
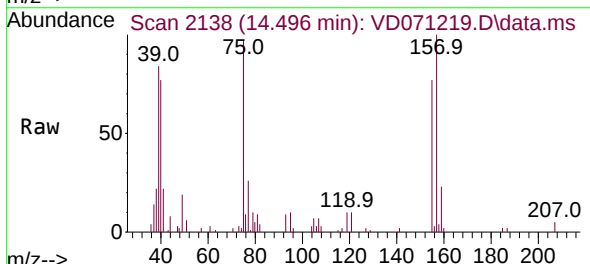
Instrument :
MSVOA_D
ClientSampleId :

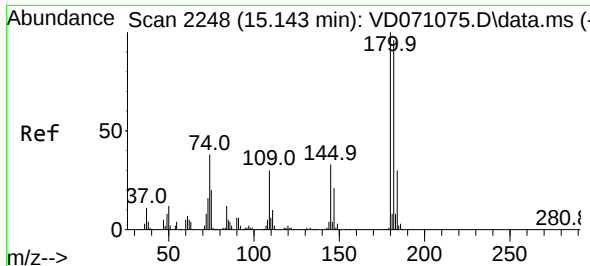
Tgt Ion:146 Resp: 264687
Ion Ratio Lower Upper
146 100
111 42.3 20.8 62.2
148 64.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.614 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.005 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion: 75 Resp: 19843
Ion Ratio Lower Upper
75 100
155 79.0 40.0 120.0
157 100.8 49.8 149.3

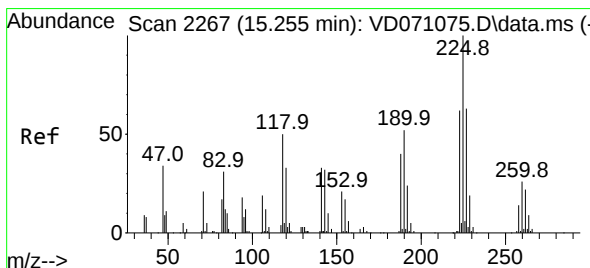
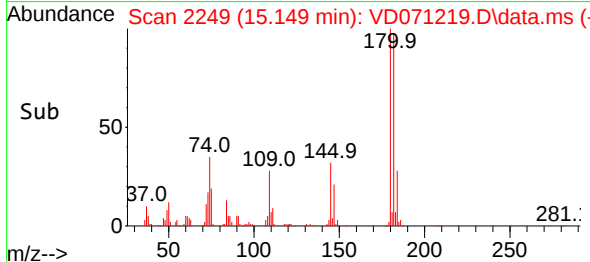
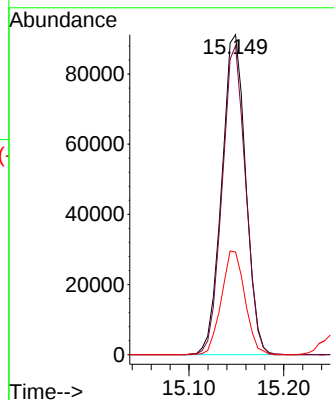
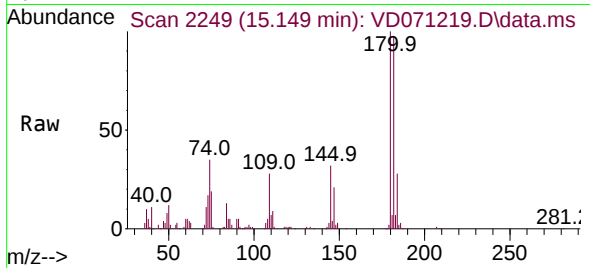




#93
1,2,4-Trichlorobenzene
Concen: 53.579 ug/l
RT: 15.149 min Scan# 2248
Delta R.T. 0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

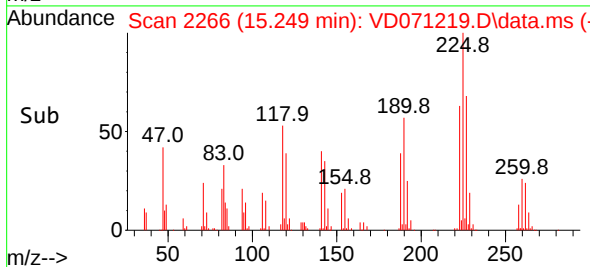
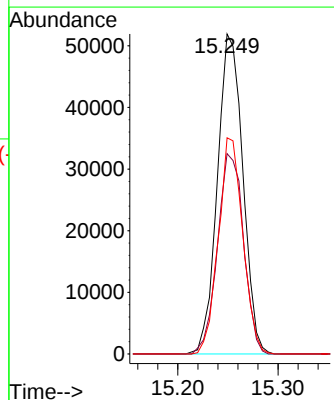
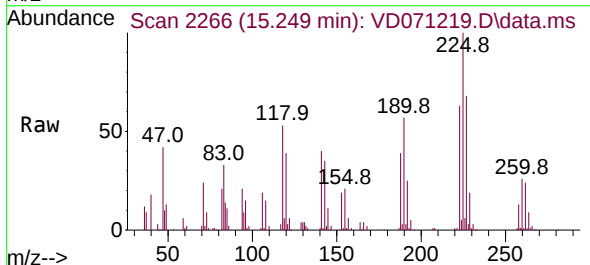
Instrument :
MSVOA_D
ClientSampleId :

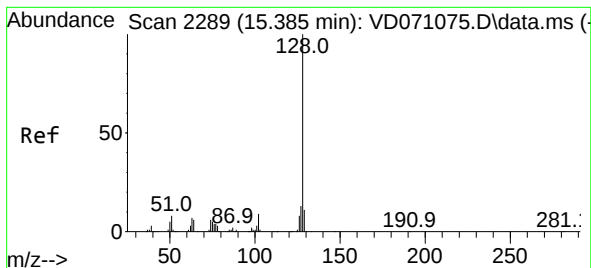
Tgt Ion:180 Resp: 160158
Ion Ratio Lower Upper
180 100
182 94.4 48.2 144.6
145 31.9 15.4 46.2



#94
Hexachlorobutadiene
Concen: 54.112 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071219.D
Acq: 09 Dec 2021 09:54

Tgt Ion:225 Resp: 91520
Ion Ratio Lower Upper
225 100
223 64.0 31.8 95.3
227 64.9 31.6 94.8





#95

Naphthalene

Concen: 55.835 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. -0.001 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Instrument :

MSVOA_D

ClientSampleId :

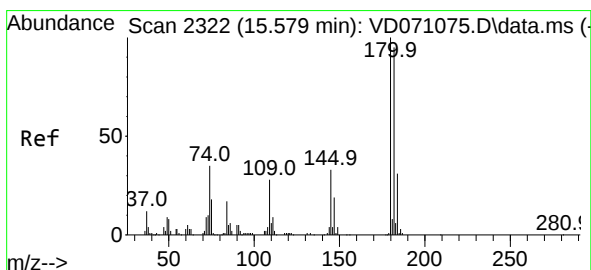
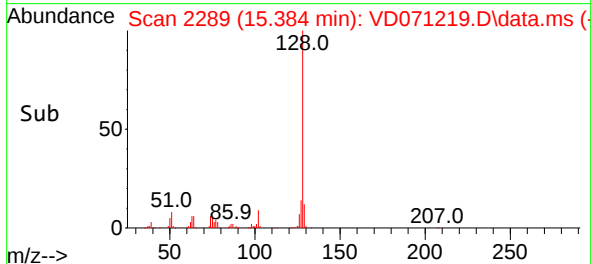
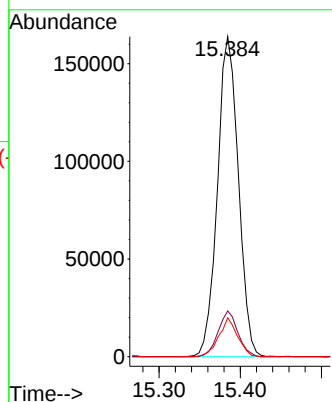
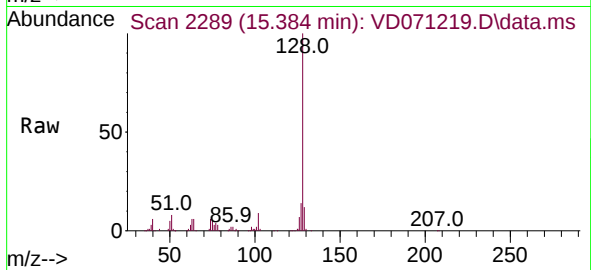
Tgt Ion:128 Resp: 294223

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.538 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VD071219.D

Acq: 09 Dec 2021 09:54

Tgt Ion:180 Resp: 133386

Ion Ratio Lower Upper

180 100

182 95.8 46.7 140.1

145 33.4 15.9 47.6

