

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111921\
 Data File : VD071069.D
 Acq On : 19 Nov 2021 21:04
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 02:54:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	170702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	300857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	277997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	132068	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	99052	54.500	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.000%	
35) Dibromofluoromethane	7.908	113	92692	54.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.200%	
50) Toluene-d8	10.338	98	340197	51.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	12.626	95	122332	51.102	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.200%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	68862	47.217	ug/l	96
3) Chloromethane	2.209	50	108115	62.298	ug/l	96
4) Vinyl Chloride	2.350	62	120598	72.256	ug/l	97
5) Bromomethane	2.768	94	88019	77.371	ug/l	94
6) Chloroethane	2.926	64	85654	79.904	ug/l	89
7) Trichlorofluoromethane	3.279	101	152189	56.658	ug/l	99
8) Diethyl Ether	3.709	74	46909	52.768	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	87318	52.736	ug/l	96
10) Methyl Iodide	4.303	142	101233	50.995	ug/l	95
11) Tert butyl alcohol	5.209	59	40153	302.297	ug/l #	90
12) 1,1-Dichloroethene	4.073	96	80645	49.751	ug/l #	80
13) Acrolein	3.926	56	8952	219.865	ug/l	94
14) Allyl chloride	4.720	41	174997	51.831	ug/l #	83
15) Acrylonitrile	5.420	53	116816	274.616	ug/l	98
16) Acetone	4.156	43	112402	230.672	ug/l #	87
17) Carbon Disulfide	4.409	76	245181	46.844	ug/l	97
18) Methyl Acetate	4.720	43	87825	56.326	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	226623	54.157	ug/l	98
20) Methylene Chloride	4.962	84	114804	55.605	ug/l #	87
21) trans-1,2-Dichloroethene	5.473	96	100195	53.929	ug/l	92
22) Diisopropyl ether	6.361	45	369064	54.984	ug/l	92
23) Vinyl Acetate	6.303	43	833169	234.020	ug/l	96
24) 1,1-Dichloroethane	6.267	63	203605	56.792	ug/l	99
25) 2-Butanone	7.208	43	152404	241.069	ug/l	90
26) 2,2-Dichloropropane	7.214	77	159067	52.572	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	118196	55.653	ug/l	93
28) Bromochloromethane	7.544	49	85133	55.986	ug/l	89
29) Tetrahydrofuran	7.561	42	94844	256.836	ug/l	91
30) Chloroform	7.708	83	208023	61.030	ug/l	100
31) Cyclohexane	7.985	56	164284	43.954	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	174906	59.746	ug/l	96
36) 1,1-Dichloropropene	8.114	75	147608	54.951	ug/l	96
37) Ethyl Acetate	7.291	43	67157	54.798	ug/l #	91
38) Carbon Tetrachloride	8.097	117	145471	58.806	ug/l	97
39) Methylcyclohexane	9.350	83	164141	47.313	ug/l	98
40) Benzene	8.350	78	423343	55.961	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	33514	38.717	ug/l	91
42) 1,2-Dichloroethane	8.420	62	132269	61.730	ug/l	94
43) Isopropyl Acetate	8.450	43	137368	52.963	ug/l #	89
44) Trichloroethene	9.114	130	106679	54.710	ug/l	94
45) 1,2-Dichloropropane	9.385	63	114905	56.165	ug/l	99
46) Dibromomethane	9.473	93	58955	60.542	ug/l	96
47) Bromodichloromethane	9.655	83	157111	60.998	ug/l	97
48) Methyl methacrylate	9.455	41	67307	52.899	ug/l #	80
49) 1,4-Dioxane	9.461	88	10603	939.755	ug/l #	84
51) 4-Methyl-2-Pentanone	10.220	43	350295	278.576	ug/l	90
52) Toluene	10.402	92	269875	56.594	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	139829	53.835	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	164931	53.849	ug/l #	83
55) 1,1,2-Trichloroethane	10.797	97	77325	57.775	ug/l	93
56) Ethyl methacrylate	10.655	69	97382	51.425	ug/l #	72
57) 1,3-Dichloropropane	10.938	76	139897	57.560	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	247925	251.838	ug/l	100
59) 2-Hexanone	10.979	43	233297	238.069	ug/l	89
60) Dibromochloromethane	11.132	129	96626	60.181	ug/l	100
61) 1,2-Dibromoethane	11.238	107	73379	56.364	ug/l	97
64) Tetrachloroethene	10.873	164	89956	55.492	ug/l	97
65) Chlorobenzene	11.661	112	278605	56.170	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	102994	58.503	ug/l	98
67) Ethyl Benzene	11.738	91	519280	55.282	ug/l	99
68) m/p-Xylenes	11.844	106	392827	111.894	ug/l	97
69) o-Xylene	12.173	106	186341	55.802	ug/l	97
70) Styrene	12.185	104	321435	56.850	ug/l	97
71) Bromoform	12.349	173	52910	57.632	ug/l #	96
73) Isopropylbenzene	12.473	105	484593	50.933	ug/l	100
74) N-amyl acetate	12.279	43	126199	46.428	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.720	83	87820	53.626	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	112066	99.338	ug/l #	1
77) Bromobenzene	12.749	156	110627	54.419	ug/l	99
78) n-propylbenzene	12.808	91	610377	51.775	ug/l	100
79) 2-Chlorotoluene	12.896	91	352068	52.376	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	410565	52.410	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	22898	39.831	ug/l #	75
82) 4-Chlorotoluene	12.996	91	361776	52.148	ug/l	100
83) tert-Butylbenzene	13.214	119	346448	51.340	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	407318	53.092	ug/l	98
85) sec-Butylbenzene	13.390	105	522915	51.543	ug/l	99
86) p-Isopropyltoluene	13.508	119	435055	53.405	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	217389	54.693	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	216150	54.314	ug/l	98
89) n-Butylbenzene	13.832	91	418994	51.179	ug/l	99
90) Hexachloroethane	14.102	117	83813	51.992	ug/l	92
91) 1,2-Dichlorobenzene	13.879	146	189579	55.045	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	13948	51.931	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	114133	51.796	ug/l	98
94) Hexachlorobutadiene	15.249	225	61524	55.361	ug/l	98
95) Naphthalene	15.384	128	213637	50.775	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	99294	53.593	ug/l	96

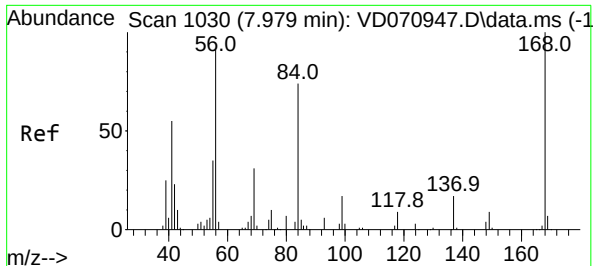
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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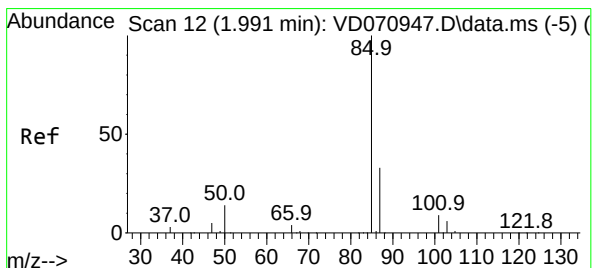
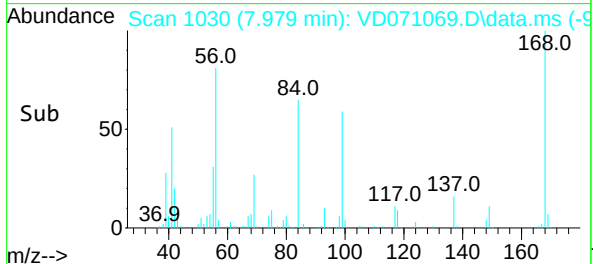
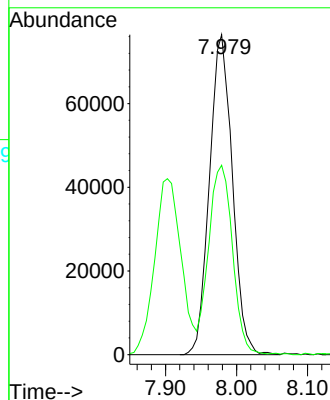
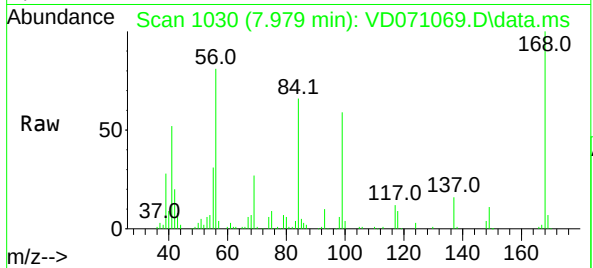
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

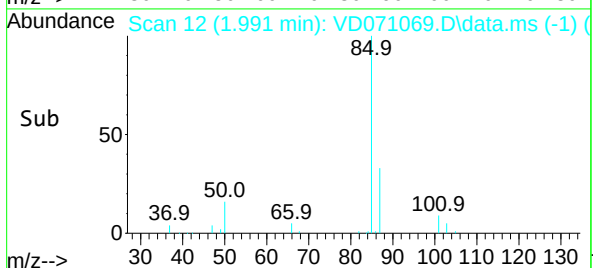
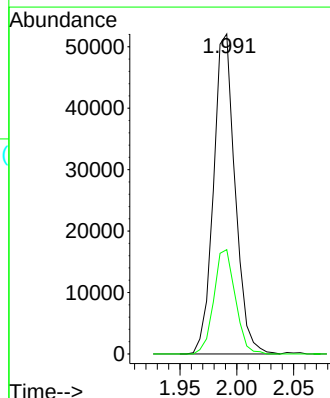
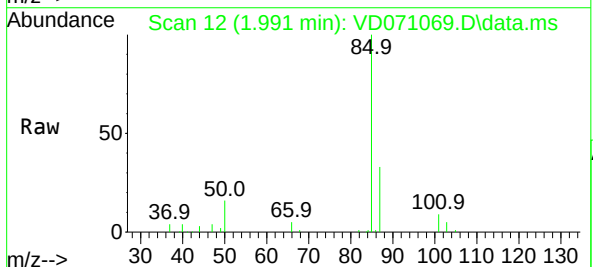
Instrument :
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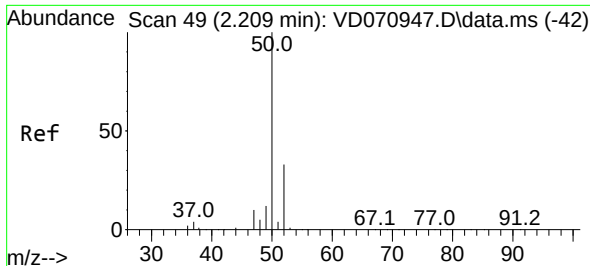
Tgt Ion:168 Resp: 170702
Ion Ratio Lower Upper
168 100
99 59.0 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 47.217 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 85 Resp: 68862
Ion Ratio Lower Upper
85 100
87 32.6 15.2 45.6

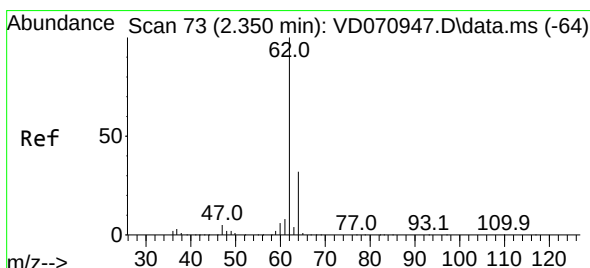
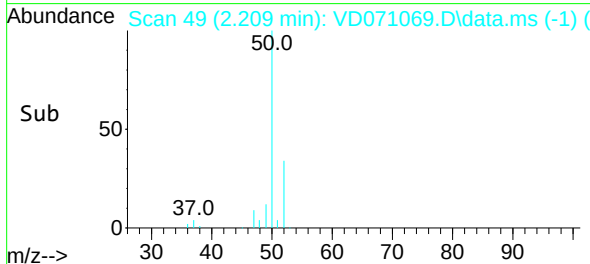
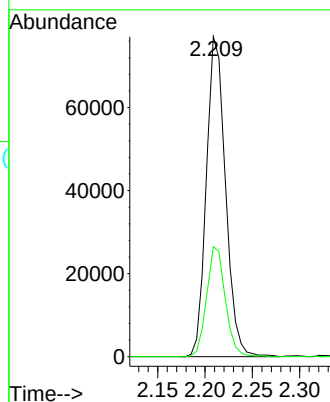
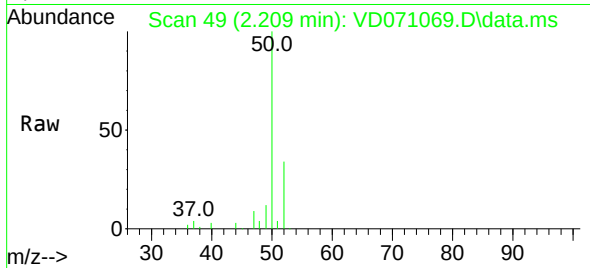




#3
Chloromethane
Concen: 62.298 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

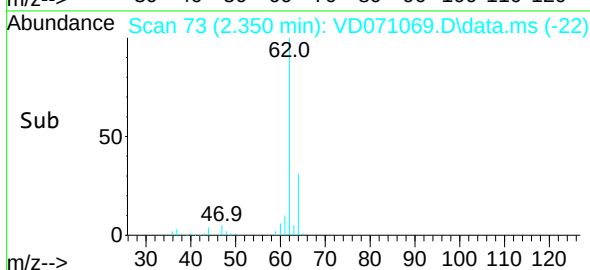
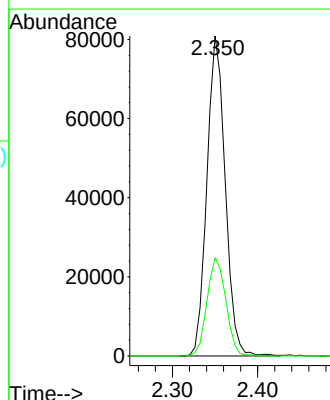
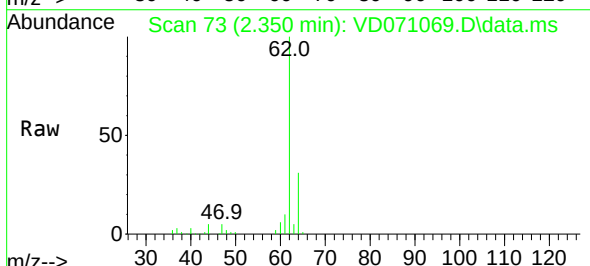
Instrument :
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ClientSampleId :

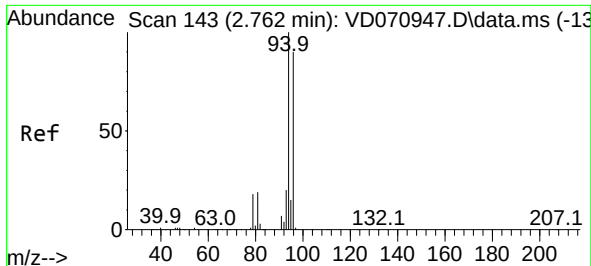
Tgt Ion: 50 Resp: 108115
Ion Ratio Lower Upper
50 100
52 34.4 25.8 38.8



#4
Vinyl Chloride
Concen: 72.256 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

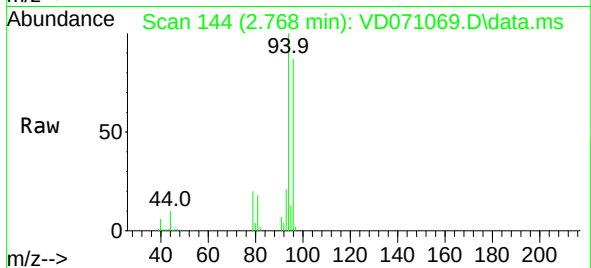
Tgt Ion: 62 Resp: 120598
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0



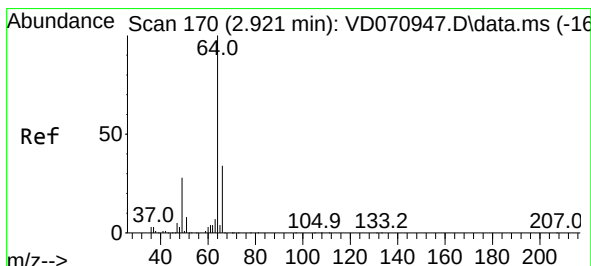
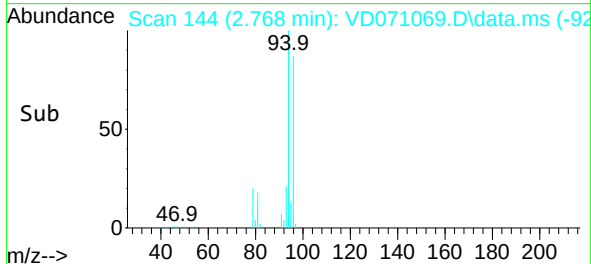
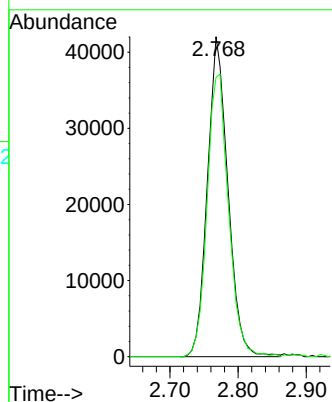


#5
Bromomethane
Concen: 77.371 ug/l
RT: 2.768 min Scan# 143
Delta R.T. 0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

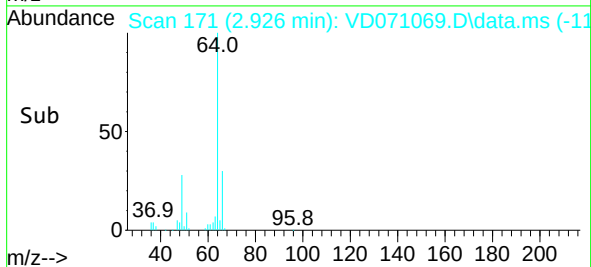
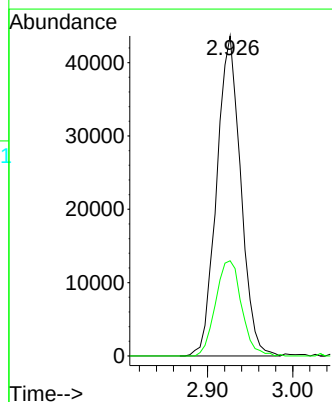
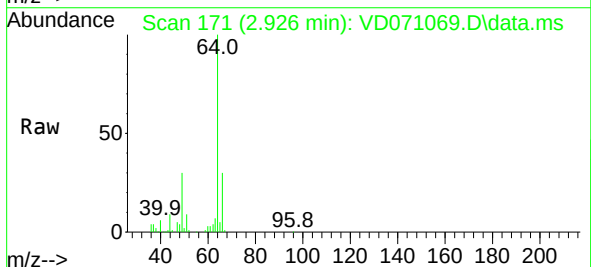


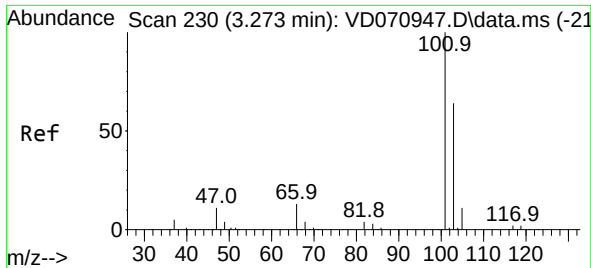
Tgt Ion: 94 Resp: 88019
Ion Ratio Lower Upper
94 100
96 87.3 74.8 112.2



#6
Chloroethane
Concen: 79.904 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.005 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 64 Resp: 85654
Ion Ratio Lower Upper
64 100
66 29.8 29.0 43.4

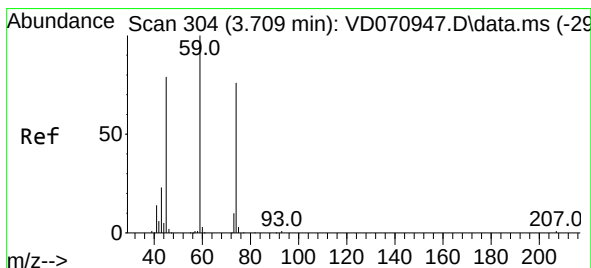
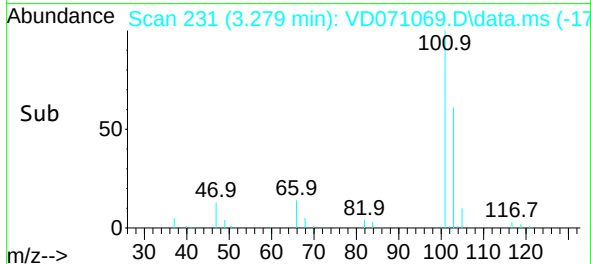
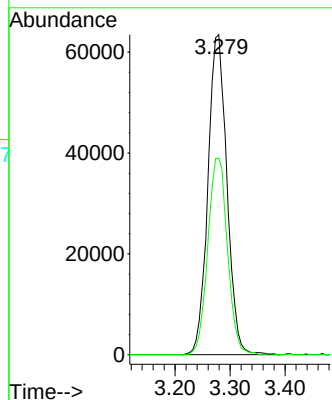
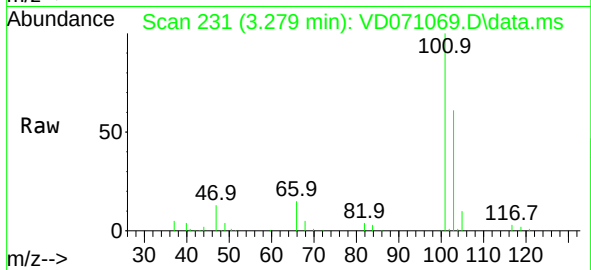




#7
Trichlorofluoromethane
Concen: 56.658 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

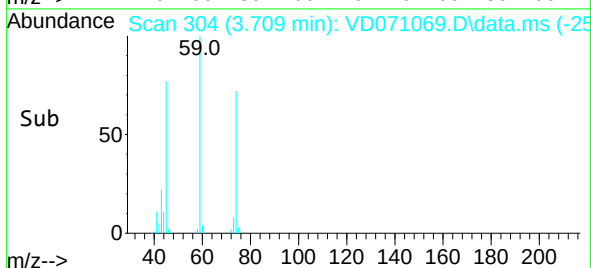
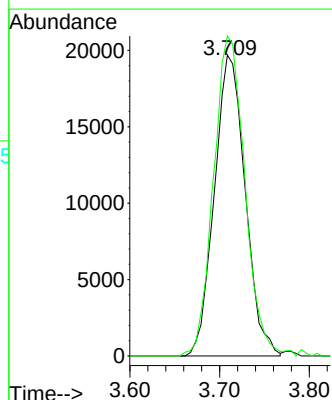
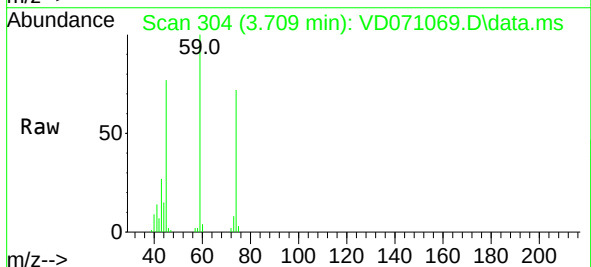
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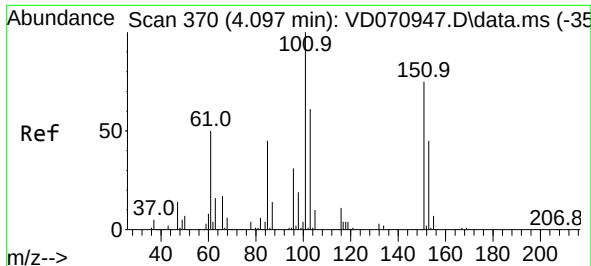
Tgt Ion:101 Resp: 152189
Ion Ratio Lower Upper
101 100
103 61.4 49.7 74.5



#8
Diethyl Ether
Concen: 52.768 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 74 Resp: 46909
Ion Ratio Lower Upper
74 100
45 108.5 49.6 149.0

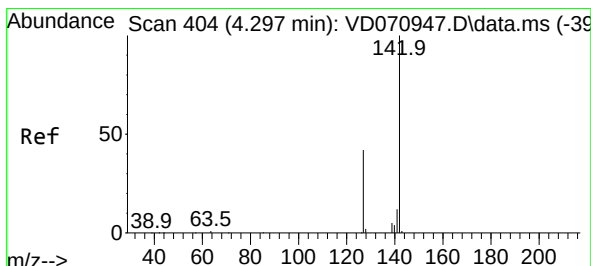
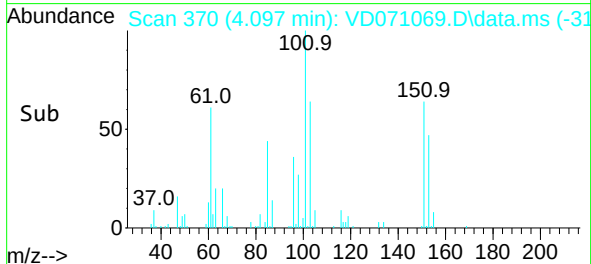
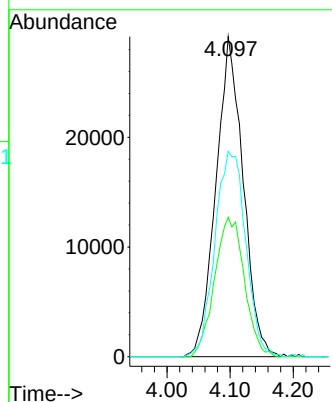
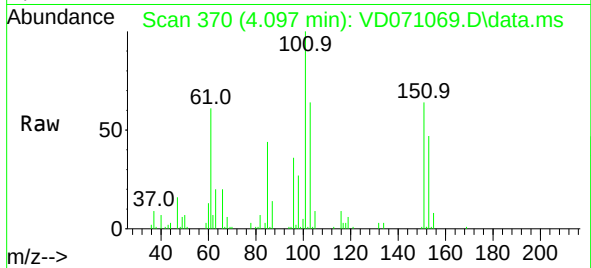




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.736 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

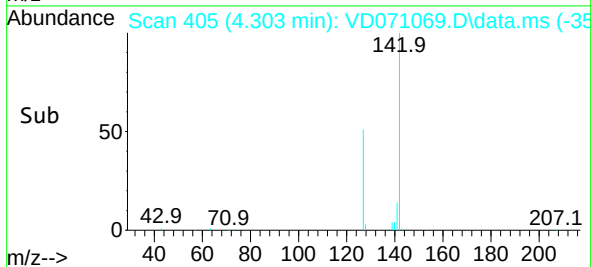
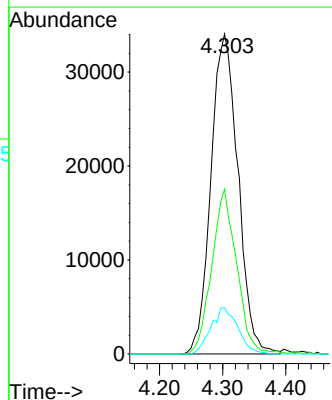
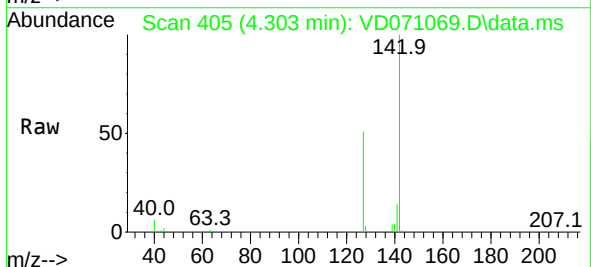
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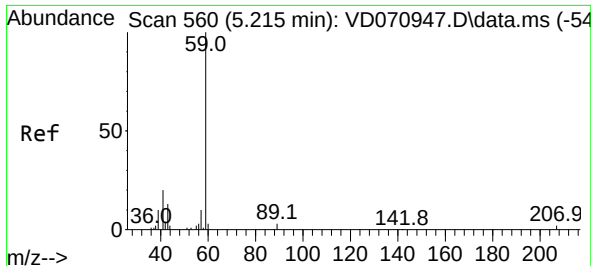
Tgt Ion:	101	Resp:	87318
Ion	Ratio	Lower	Upper
101	100		
85	47.6	34.8	52.2
151	72.7	60.4	90.6



#10
 Methyl Iodide
 Concen: 50.995 ug/l
 RT: 4.303 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

Tgt Ion:	142	Resp:	101233
Ion	Ratio	Lower	Upper
142	100		
127	47.4	35.0	52.4
141	14.4	12.0	18.0

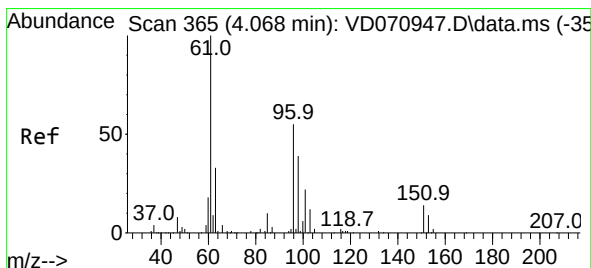
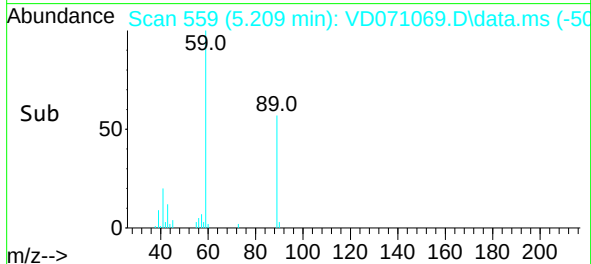
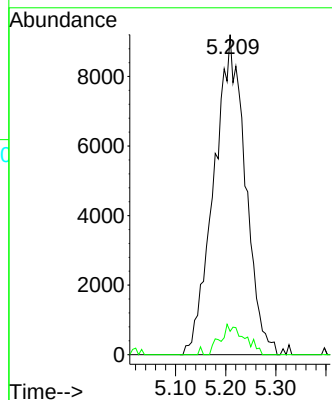
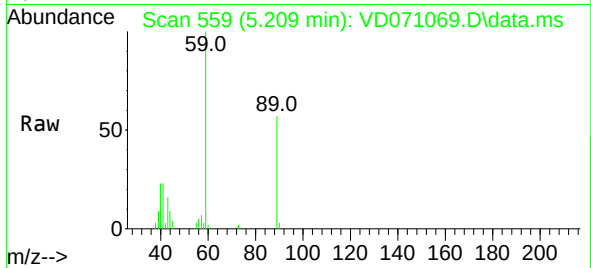




#11
Tert butyl alcohol
Concen: 302.297 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

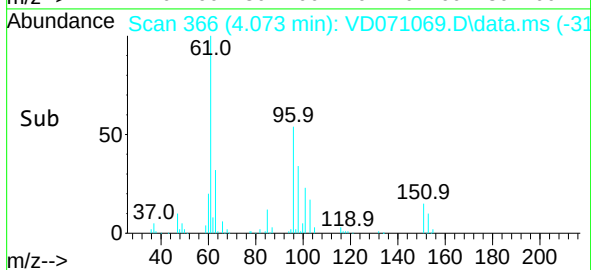
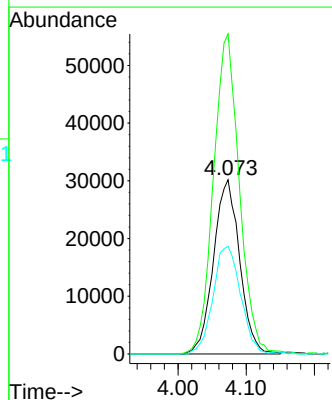
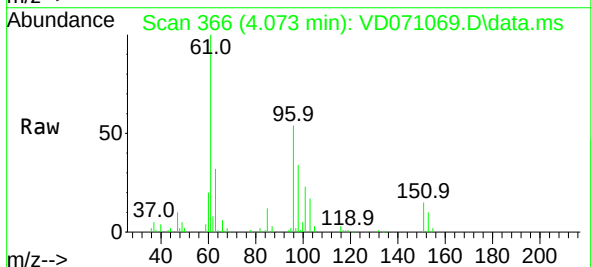
Instrument :
MSVOA_D
ClientSampleId :

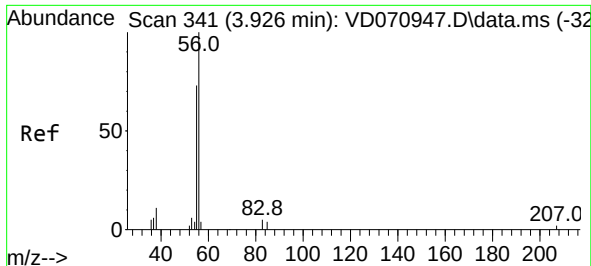
Tgt Ion: 59 Resp: 40153
Ion Ratio Lower Upper
59 100
57 7.2 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 49.751 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.005 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 96 Resp: 80645
Ion Ratio Lower Upper
96 100
61 183.7 120.3 180.5#
98 61.8 54.4 81.6

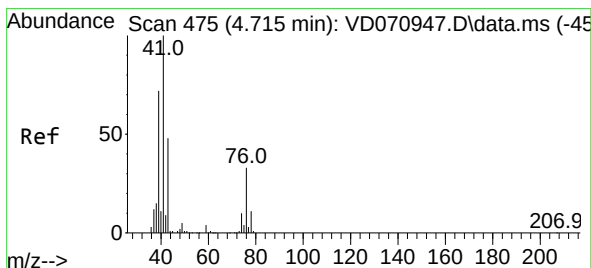
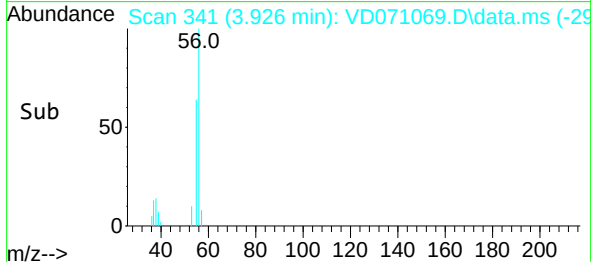
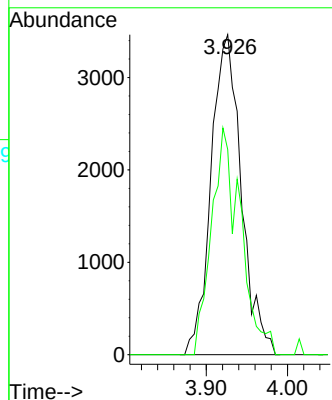
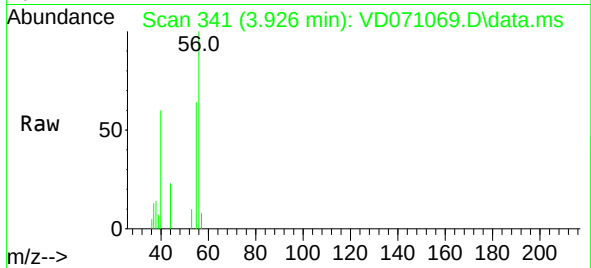




#13
Acrolein
Concen: 219.865 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

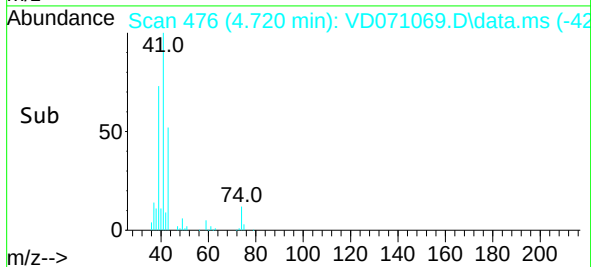
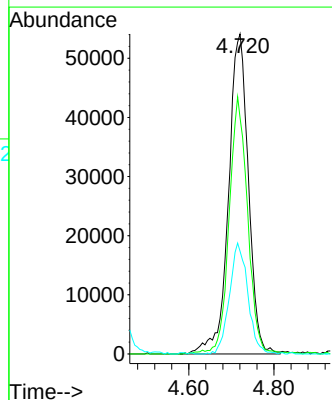
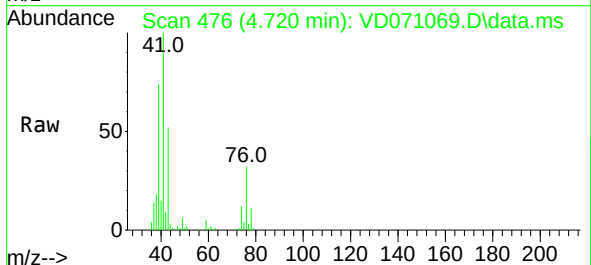
Instrument :
MSVOA_D
ClientSampleId :

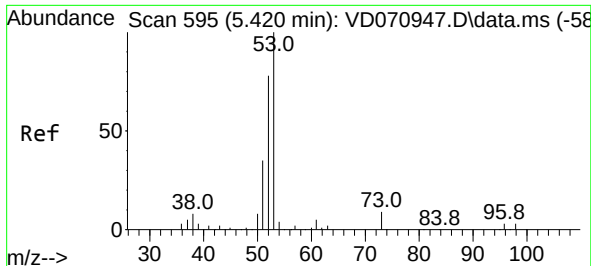
Tgt Ion: 56 Resp: 8952
Ion Ratio Lower Upper
56 100
55 68.5 58.6 87.8



#14
Allyl chloride
Concen: 51.831 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

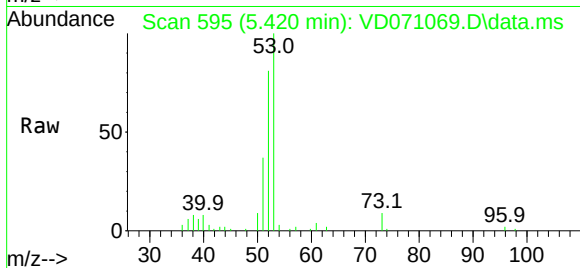
Tgt Ion: 41 Resp: 174997
Ion Ratio Lower Upper
41 100
39 73.1 45.6 68.4#
76 32.1 30.2 45.4



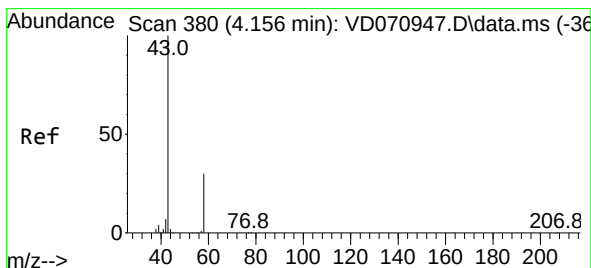
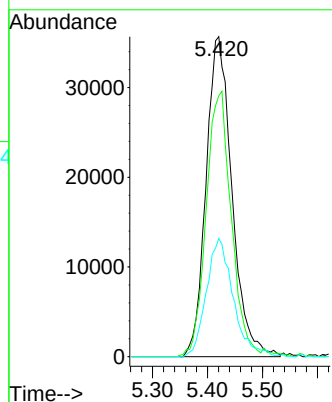
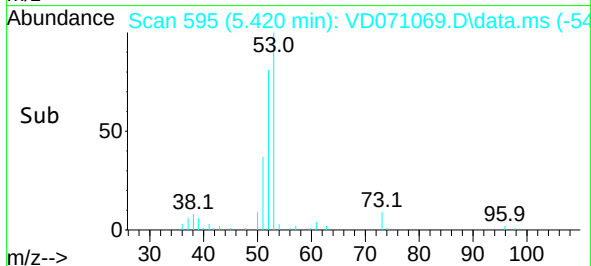


#15
Acrylonitrile
Concen: 274.616 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

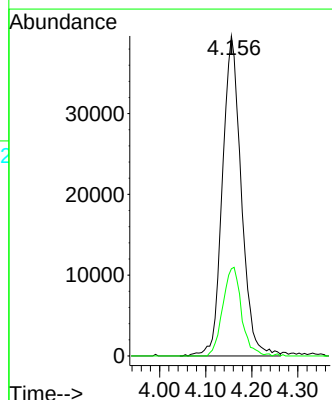
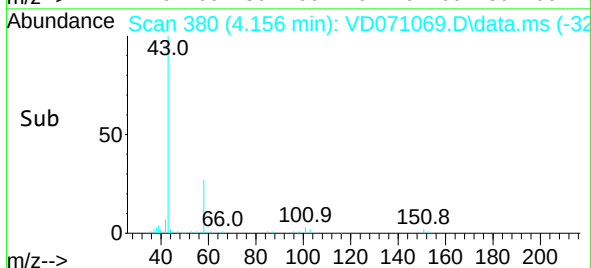
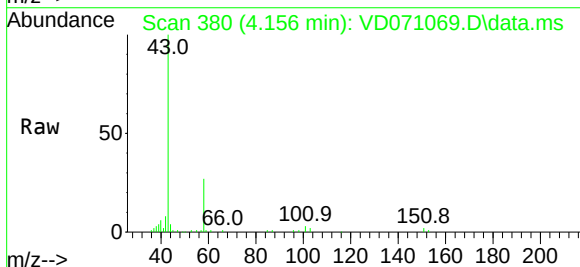


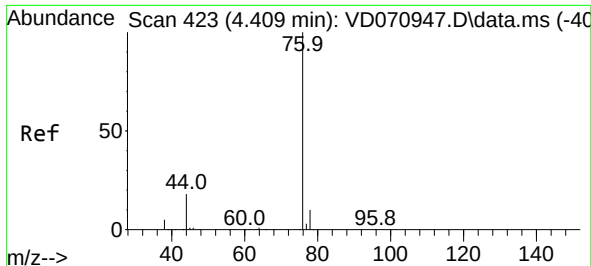
Tgt Ion: 53 Resp: 116816
Ion Ratio Lower Upper
53 100
52 80.1 63.8 95.8
51 38.3 28.5 42.7



#16
Acetone
Concen: 230.672 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 43 Resp: 112402
Ion Ratio Lower Upper
43 100
58 27.3 27.8 41.8#

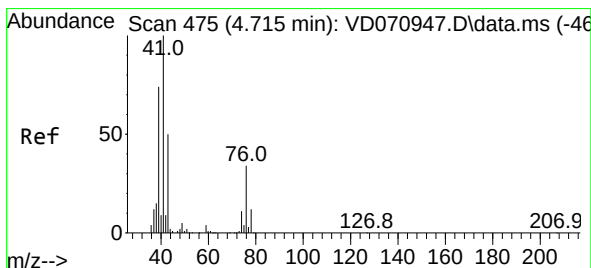
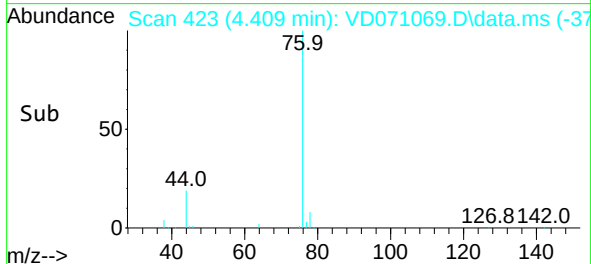
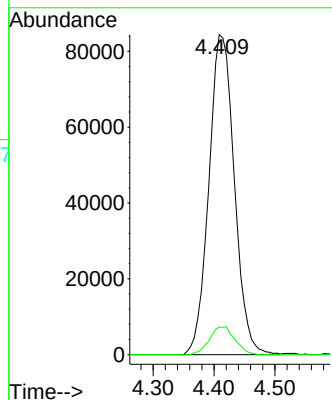
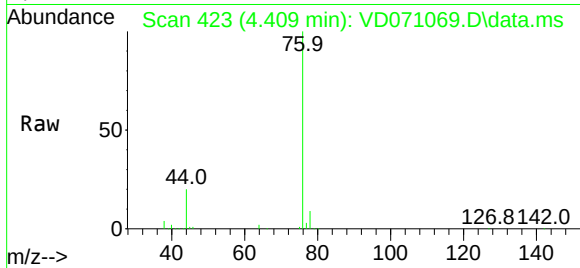




#17
Carbon Disulfide
Concen: 46.844 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

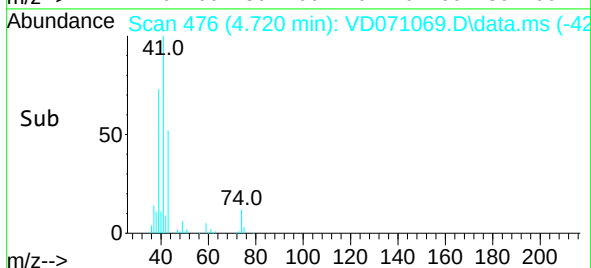
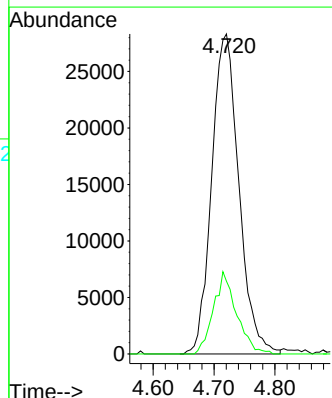
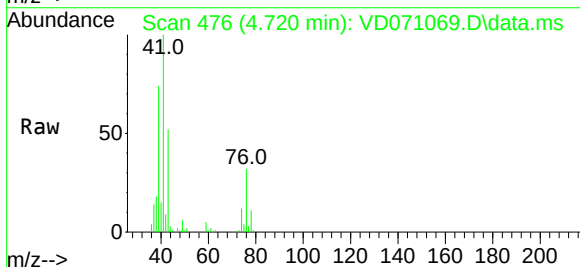
Instrument :
MSVOA_D
ClientSampleId :

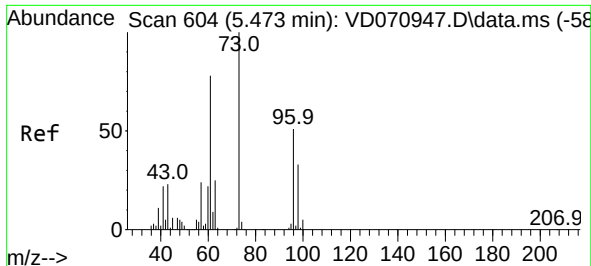
Tgt Ion: 76 Resp: 245181
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8



#18
Methyl Acetate
Concen: 56.326 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

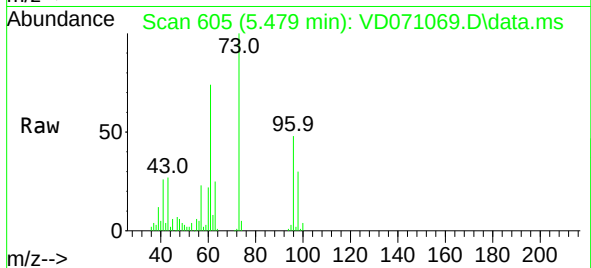
Tgt Ion: 43 Resp: 87825
Ion Ratio Lower Upper
43 100
74 21.9 19.3 28.9



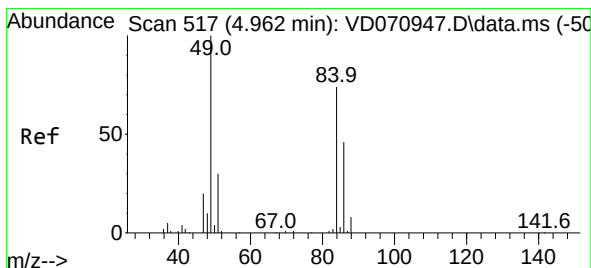
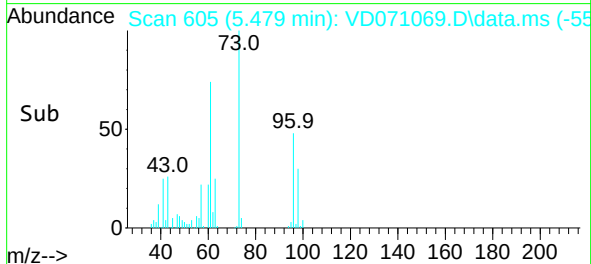
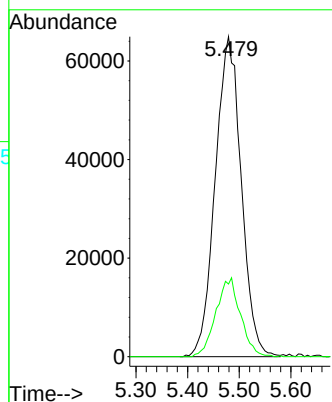


#19
Methyl tert-butyl Ether
Concen: 54.157 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

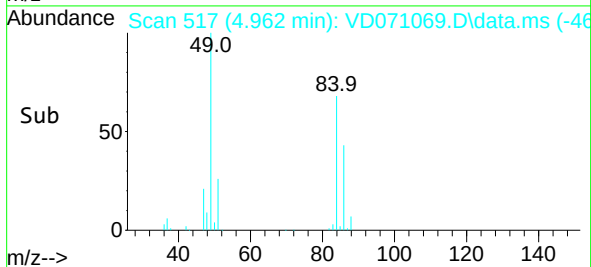
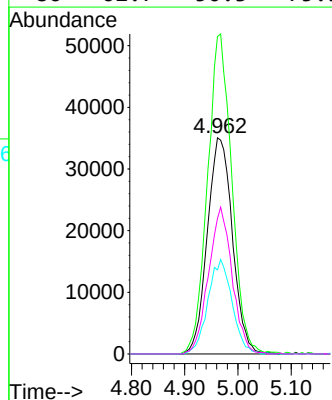
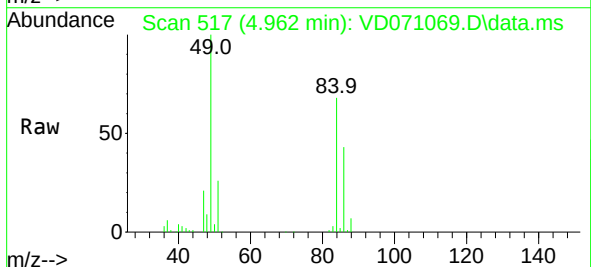


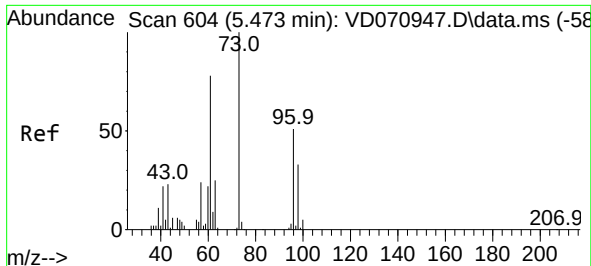
Tgt Ion: 73 Resp: 226623
Ion Ratio Lower Upper
73 100
57 22.7 18.9 28.3



#20
Methylene Chloride
Concen: 55.605 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

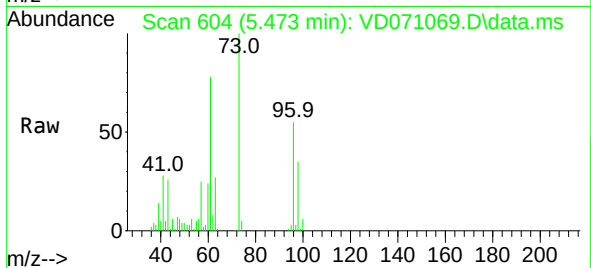
Tgt Ion: 84 Resp: 114804
Ion Ratio Lower Upper
84 100
49 146.9 95.8 143.6#
51 38.9 30.9 46.3
86 62.7 50.3 75.5



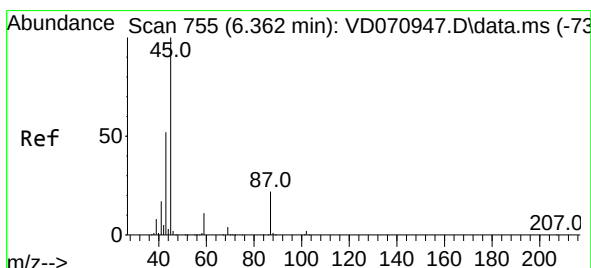
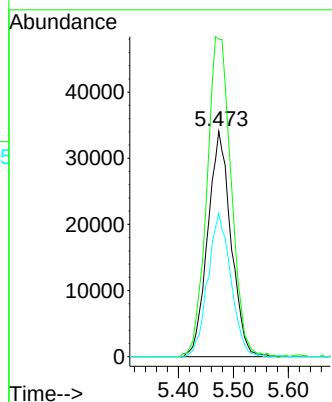
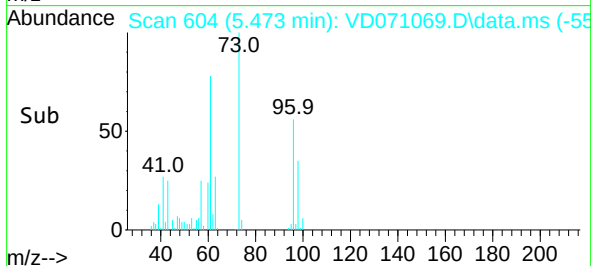


#21
trans-1,2-Dichloroethene
Concen: 53.929 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

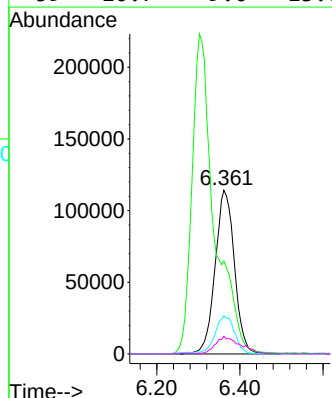
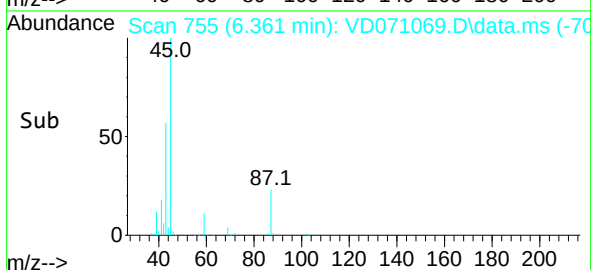
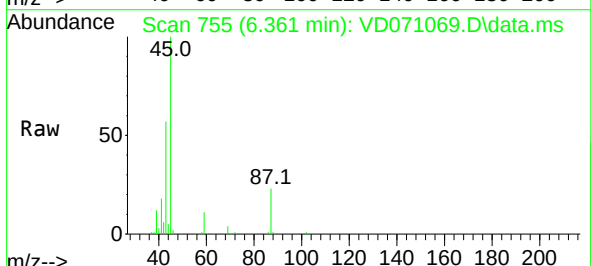


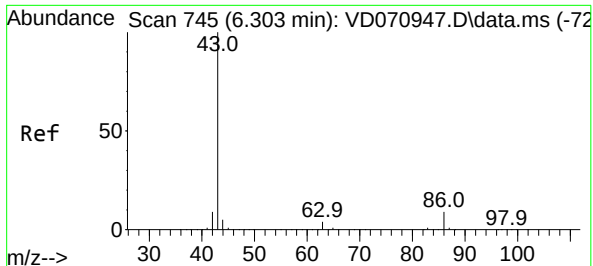
Tgt Ion: 96 Resp: 100195
Ion Ratio Lower Upper
96 100
61 140.8 102.1 153.1
98 63.6 50.1 75.1



#22
Diisopropyl ether
Concen: 54.984 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 45 Resp: 369064
Ion Ratio Lower Upper
45 100
43 56.3 39.6 59.4
87 23.4 21.2 31.8
59 10.7 9.0 13.6

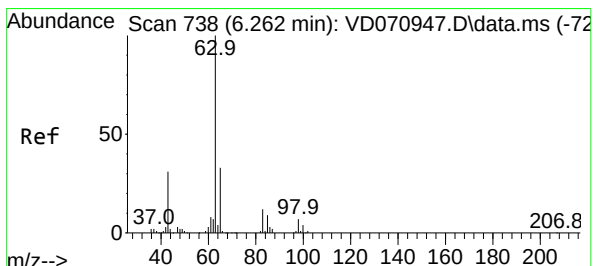
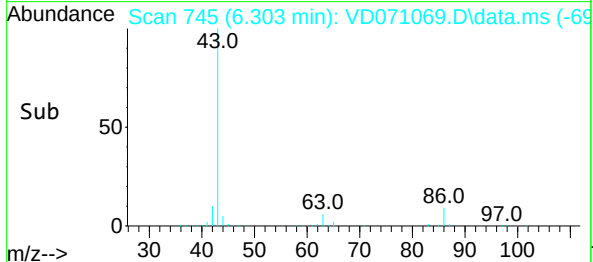
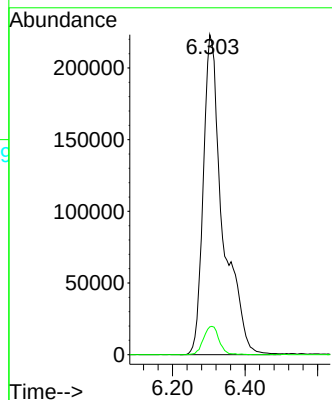
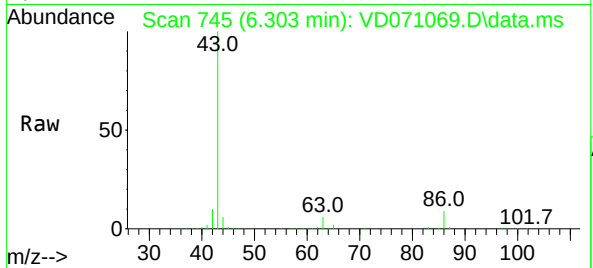




#23
 Vinyl Acetate
 Concen: 234.020 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

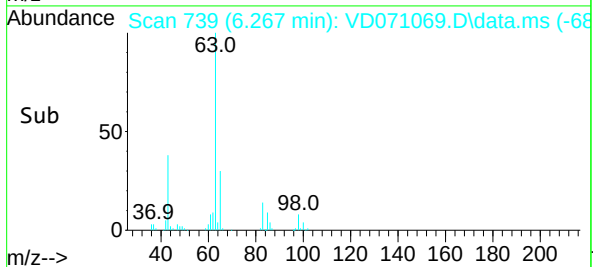
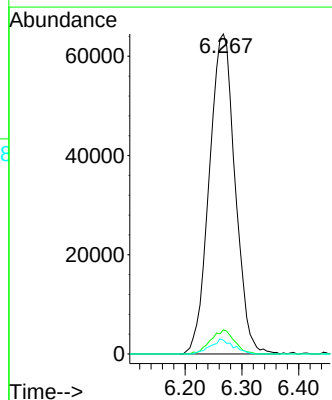
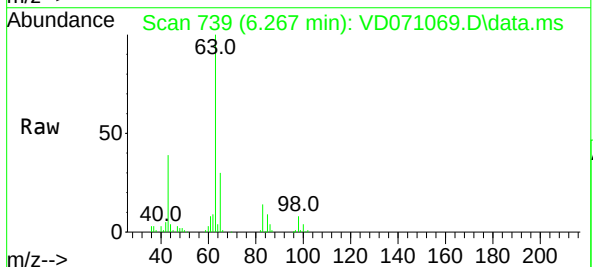
Instrument :
 MSVOA_D
 ClientSampleId :

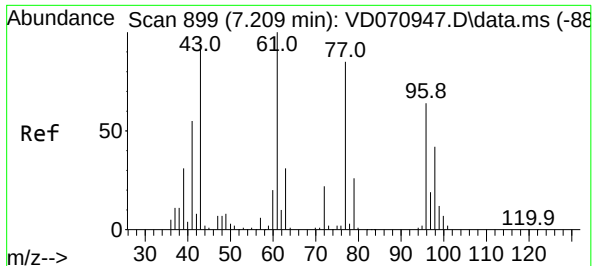
Tgt Ion: 43 Resp: 833169
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 56.792 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

Tgt Ion: 63 Resp: 203605
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.6
 100 4.3 2.1 6.3





#25

2-Butanone

Concen: 241.069 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.001 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

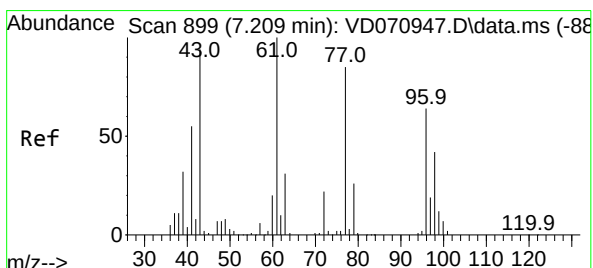
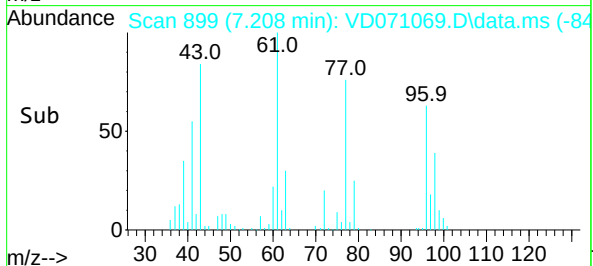
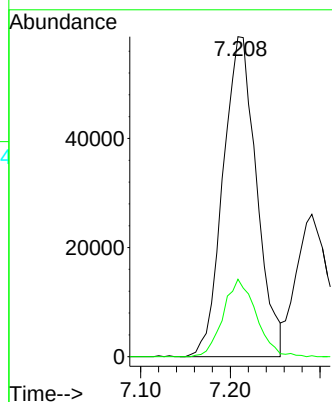
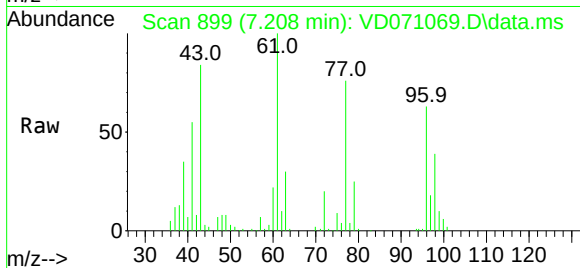
ClientSampleId :

Tgt Ion: 43 Resp: 152404

Ion Ratio Lower Upper

43 100

72 24.2 23.8 35.6



#26

2,2-Dichloropropane

Concen: 52.572 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.005 min

Lab File: VD071069.D

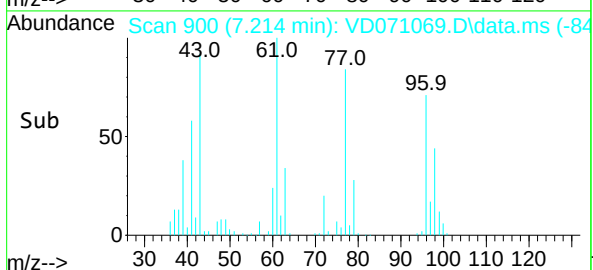
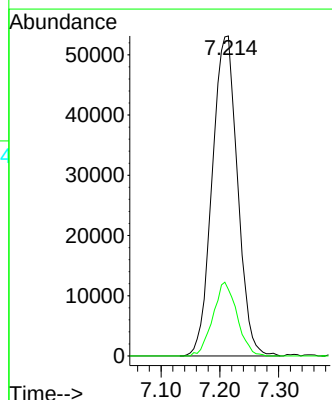
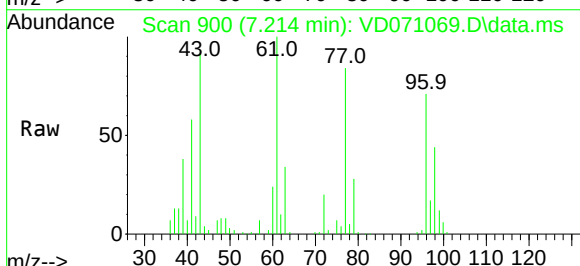
Acq: 19 Nov 2021 21:04

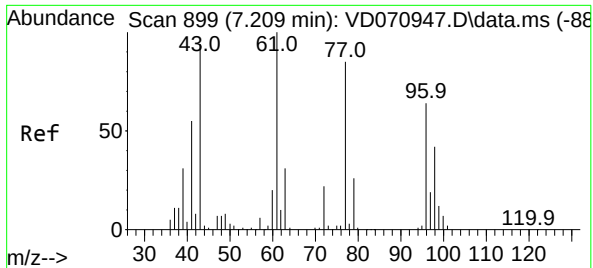
Tgt Ion: 77 Resp: 159067

Ion Ratio Lower Upper

77 100

97 21.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 55.653 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.005 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

ClientSampleId :

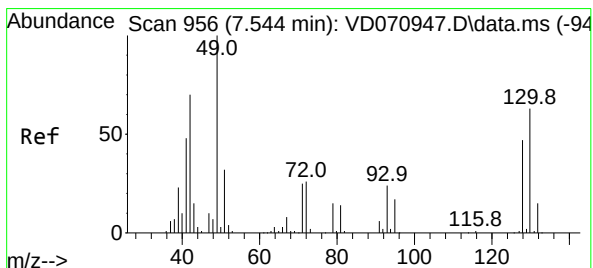
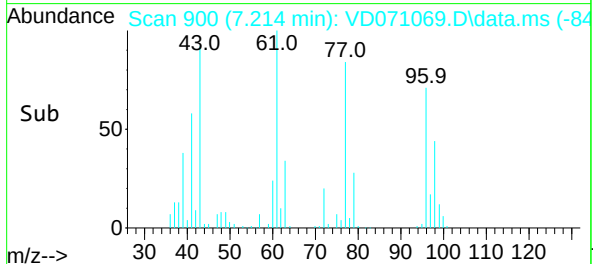
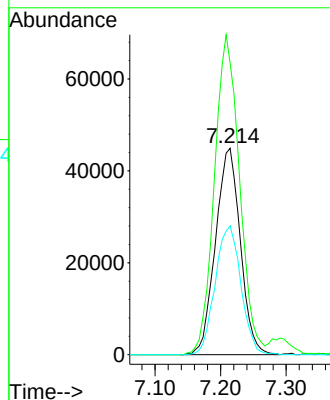
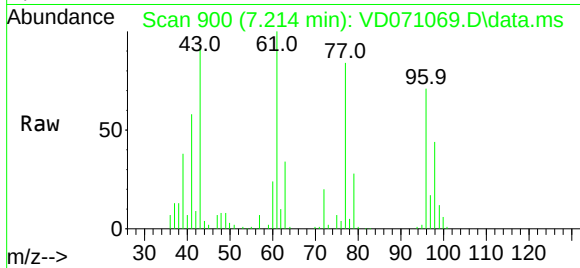
Tgt Ion: 96 Resp: 118196

Ion Ratio Lower Upper

96 100

61 156.3 0.0 288.6

98 64.6 0.0 129.2



#28

Bromochloromethane

Concen: 55.986 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

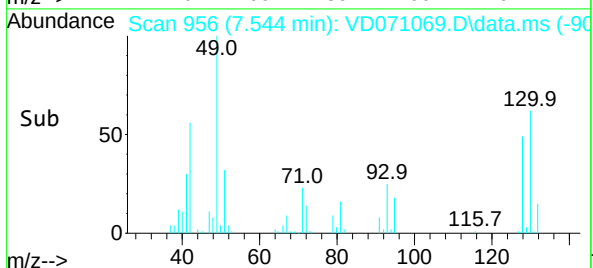
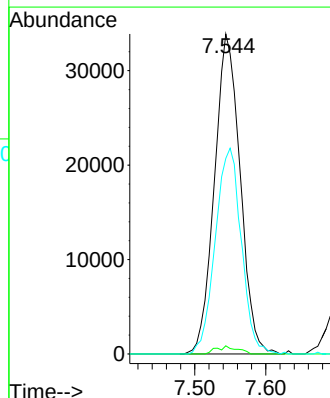
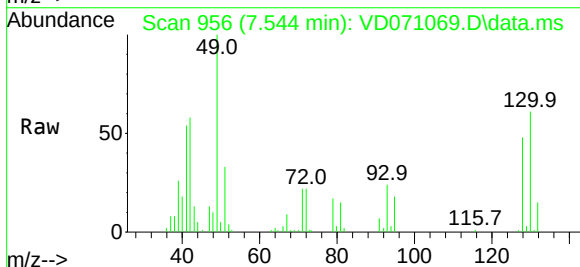
Tgt Ion: 49 Resp: 85133

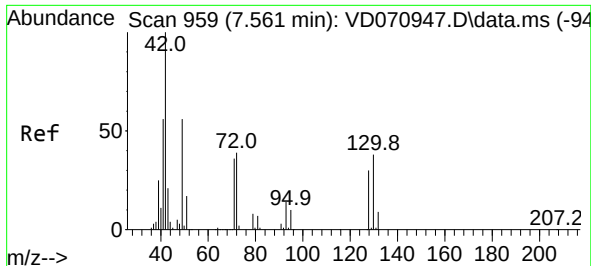
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 65.2 60.2 90.2





#29

Tetrahydrofuran

Concen: 256.836 ug/l

RT: 7.561 min Scan# 9

Delta R.T. 0.000 min

Lab File: VD071069.D

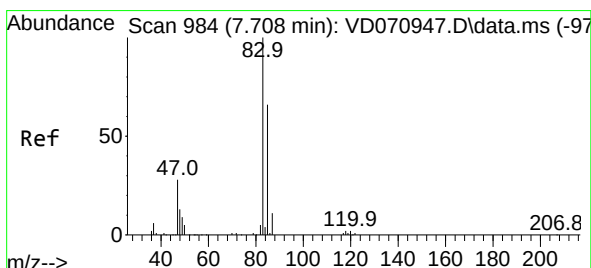
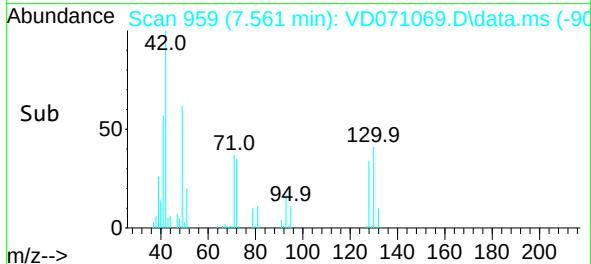
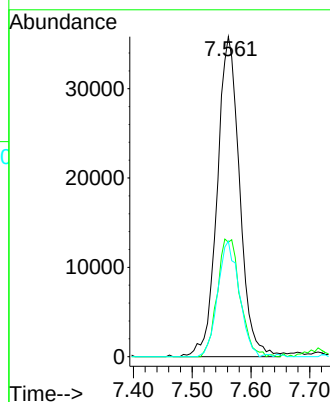
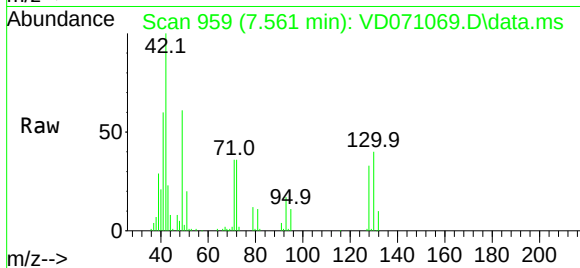
Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	94844
Ion	Ratio	Lower	Upper
42	100		
72	37.4	33.7	50.5
71	34.6	32.7	49.1



#30

Chloroform

Concen: 61.030 ug/l

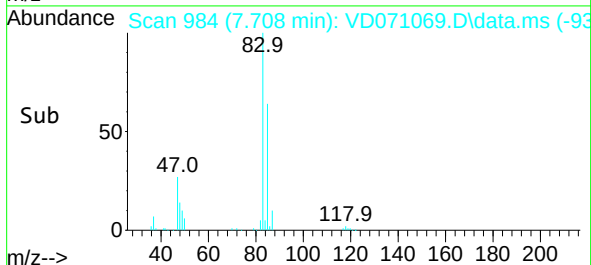
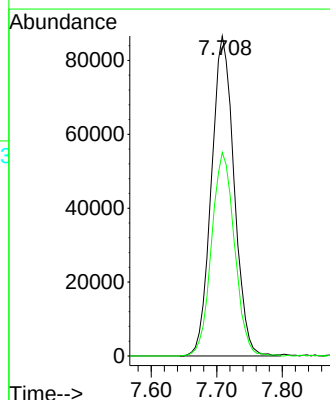
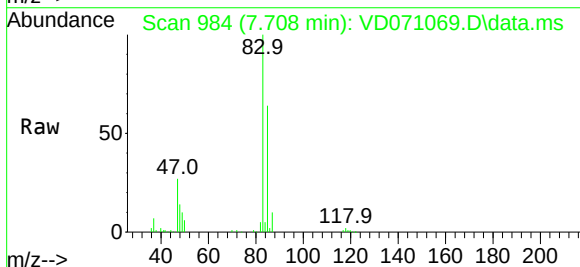
RT: 7.708 min Scan# 984

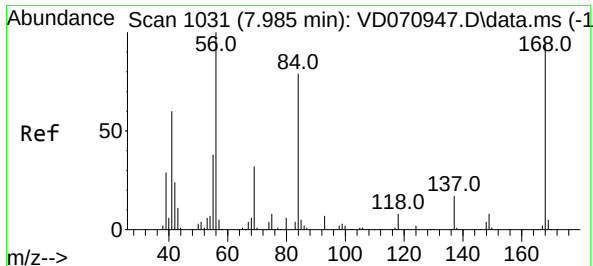
Delta R.T. 0.000 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

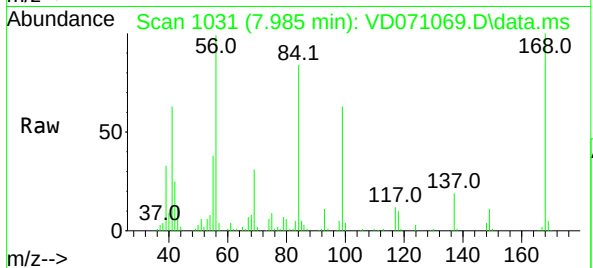
Tgt Ion:	83	Resp:	208023
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.0	76.6



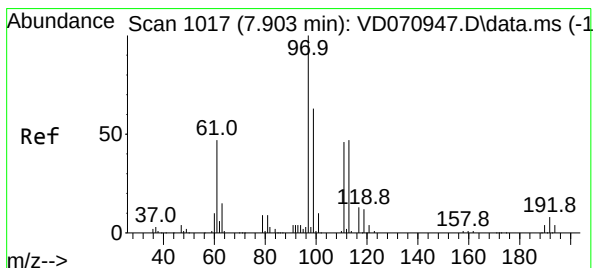
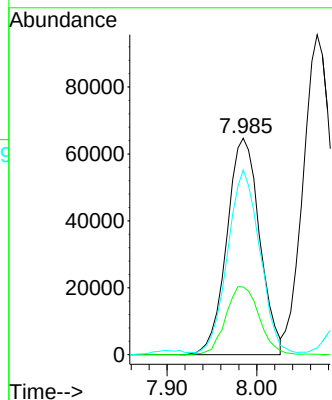
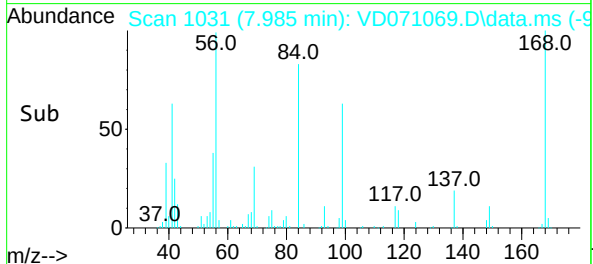


#31
Cyclohexane
Concen: 43.954 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

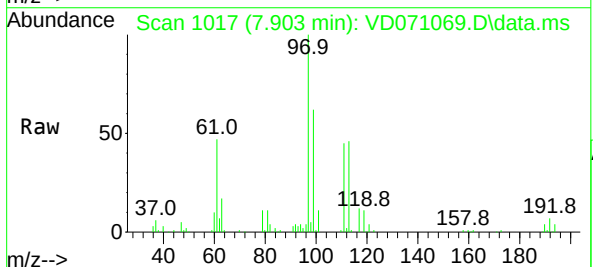
Instrument :
MSVOA_D
ClientSampleId :



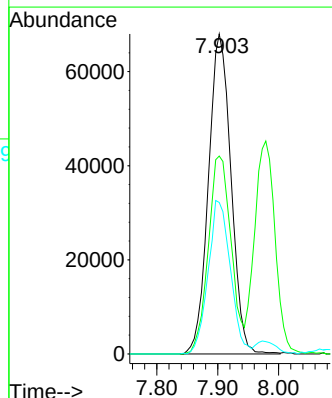
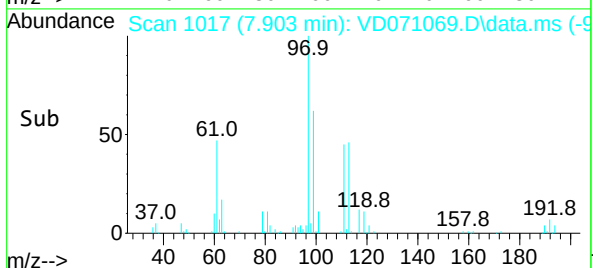
Tgt Ion: 56 Resp: 164284
Ion Ratio Lower Upper
56 100
69 31.3 25.9 38.9
84 83.4 64.3 96.5

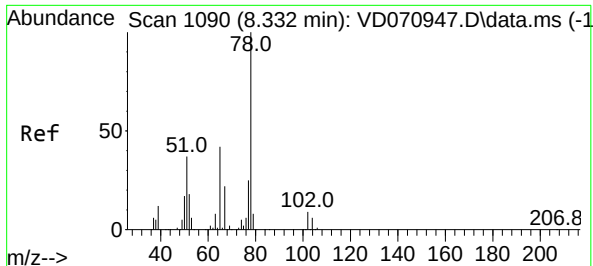


#32
1,1,1-Trichloroethane
Concen: 59.746 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04



Tgt Ion: 97 Resp: 174906
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 47.4 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 54.500 ug/l

RT: 8.326 min Scan# 11089

Delta R.T. -0.006 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

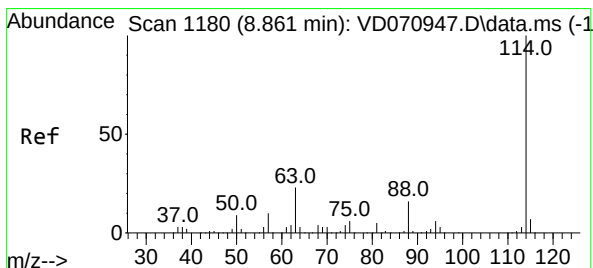
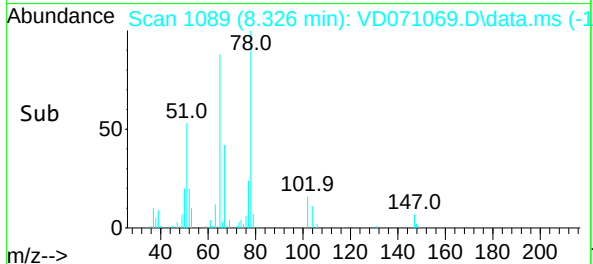
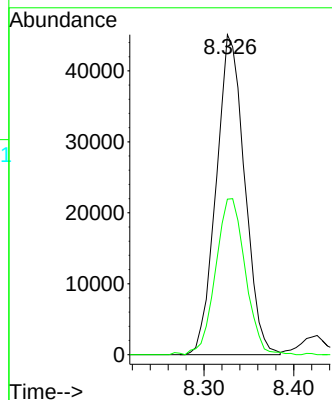
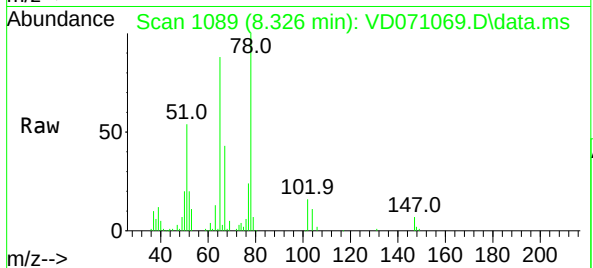
ClientSampleId :

Tgt Ion: 65 Resp: 99052

Ion Ratio Lower Upper

65 100

67 51.0 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: VD071069.D

Acq: 19 Nov 2021 21:04

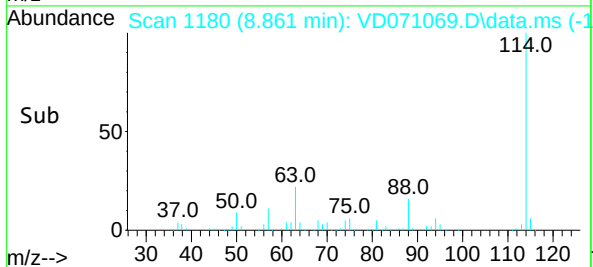
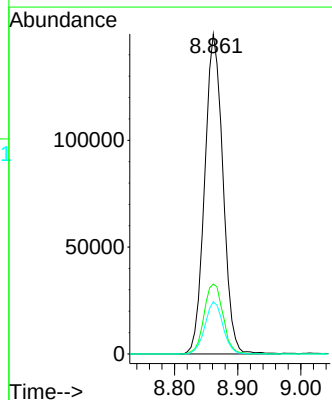
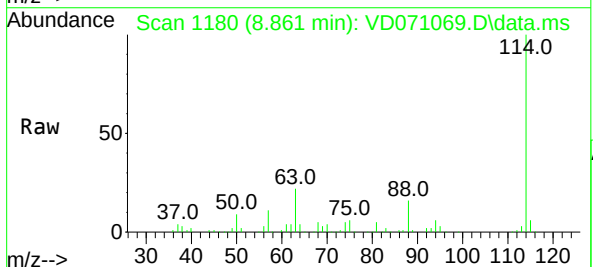
Tgt Ion: 114 Resp: 300857

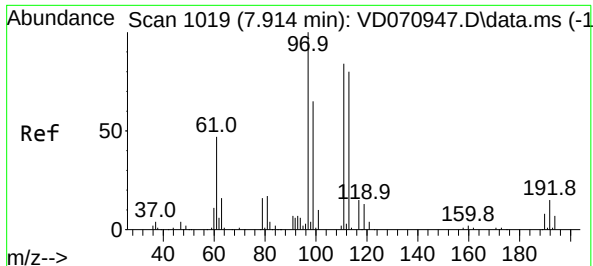
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.599 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

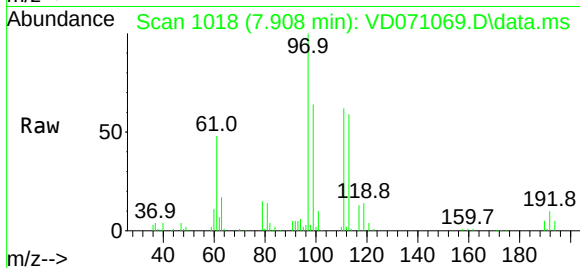
Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

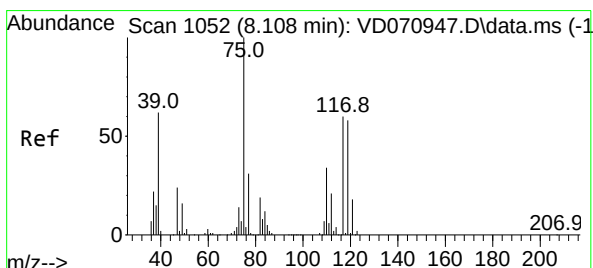
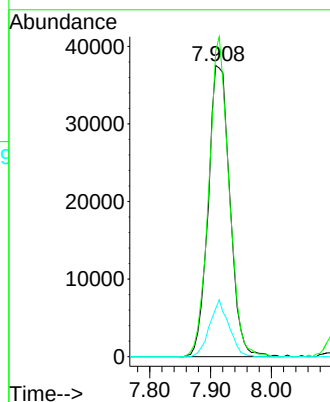
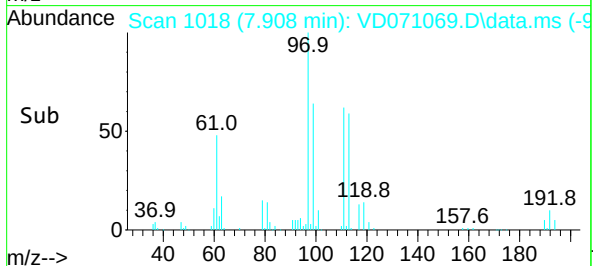
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	92692
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.0	123.0
192	17.4	15.2	22.8



#36

1,1-Dichloropropene

Concen: 54.951 ug/l

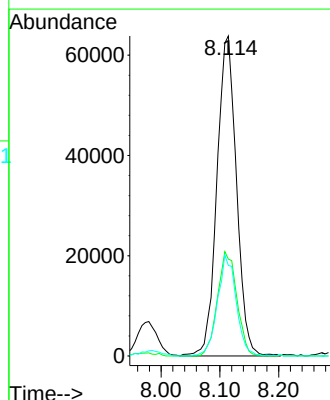
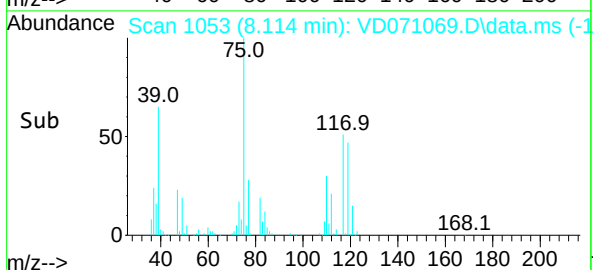
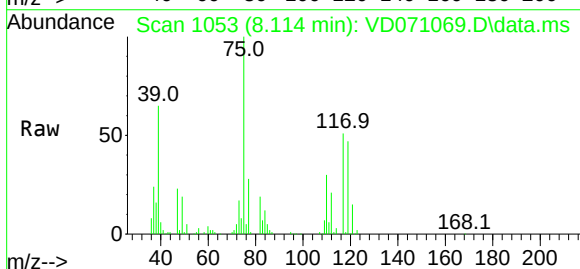
RT: 8.114 min Scan# 1053

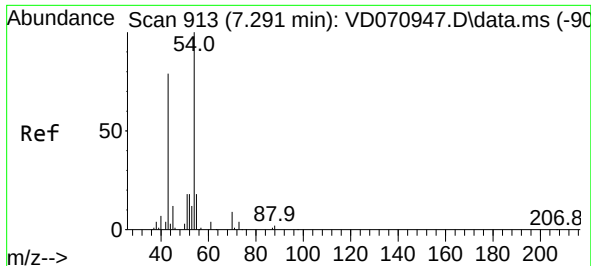
Delta R.T. 0.006 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

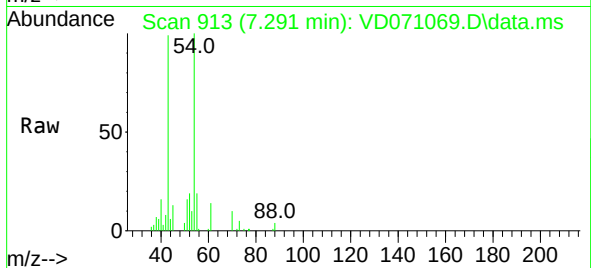
Tgt Ion:	75	Resp:	147608
Ion Ratio	Lower	Upper	
75	100		
110	32.4	17.8	53.4
77	30.1	24.8	37.2



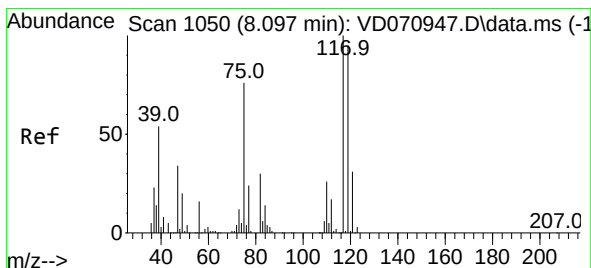
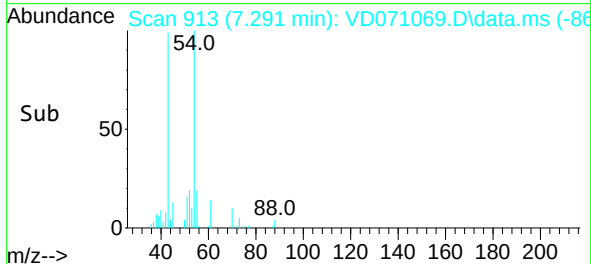
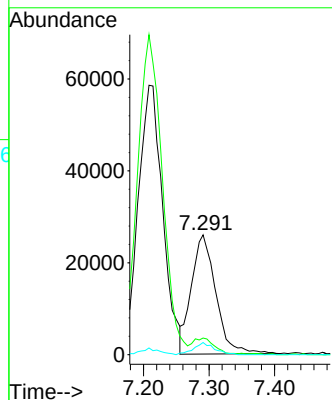


#37
Ethyl Acetate
Concen: 54.798 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

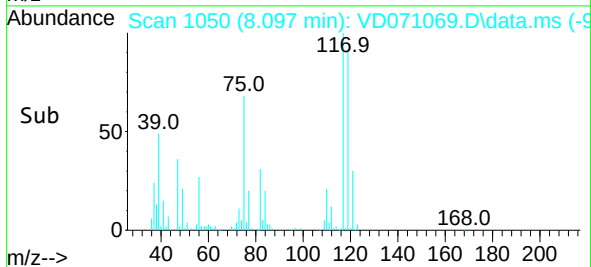
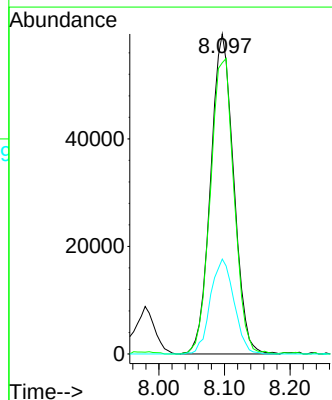
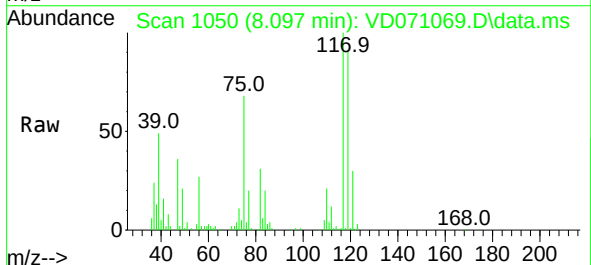


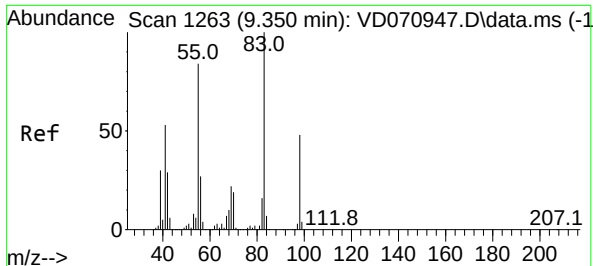
Tgt Ion: 43 Resp: 67157
Ion Ratio Lower Upper
43 100
61 11.5 13.0 19.6#
70 8.6 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 58.806 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 117 Resp: 145471
Ion Ratio Lower Upper
117 100
119 91.0 75.8 113.6
121 29.6 23.6 35.4





#39

Methylcyclohexane

Concen: 47.313 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

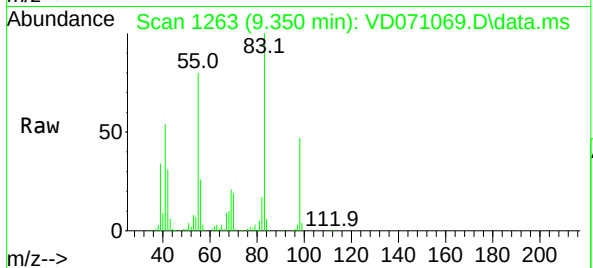
Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

ClientSampleId :



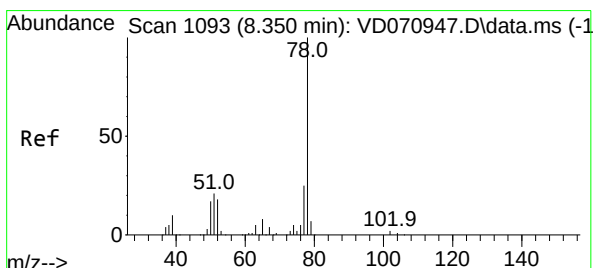
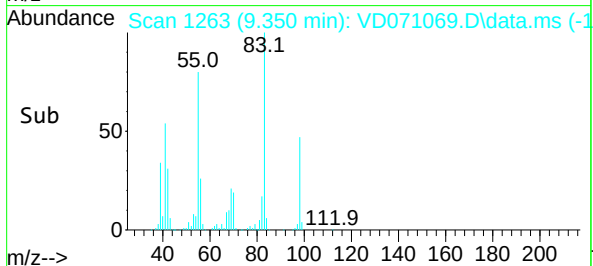
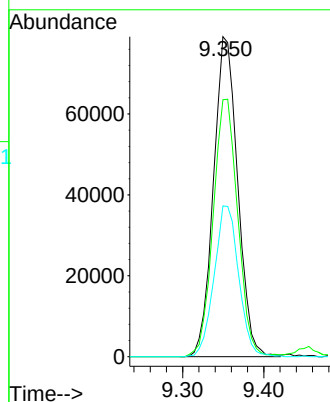
Tgt Ion: 83 Resp: 164141

Ion Ratio Lower Upper

83 100

55 80.3 65.8 98.8

98 47.1 38.7 58.1



#40

Benzene

Concen: 55.961 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VD071069.D

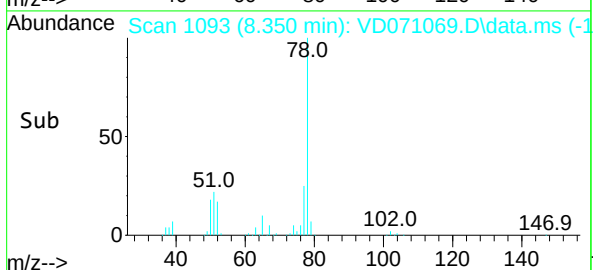
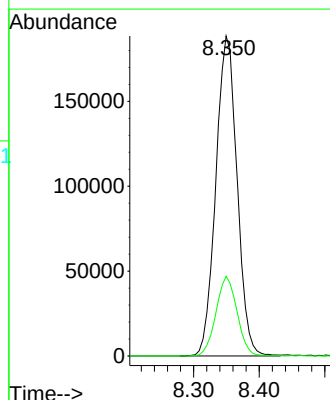
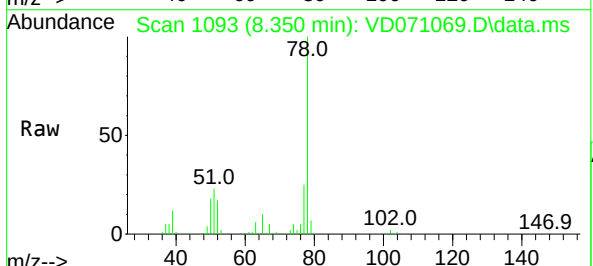
Acq: 19 Nov 2021 21:04

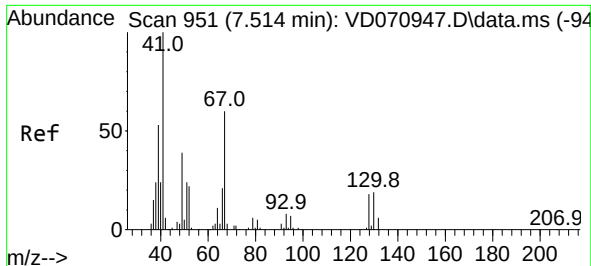
Tgt Ion: 78 Resp: 423343

Ion Ratio Lower Upper

78 100

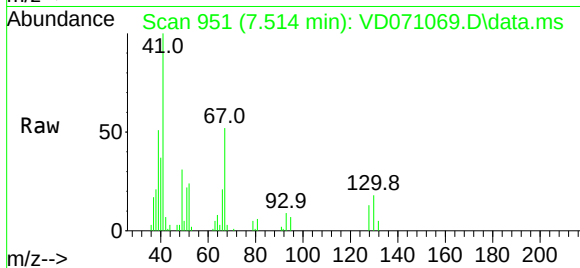
77 24.9 19.1 28.7



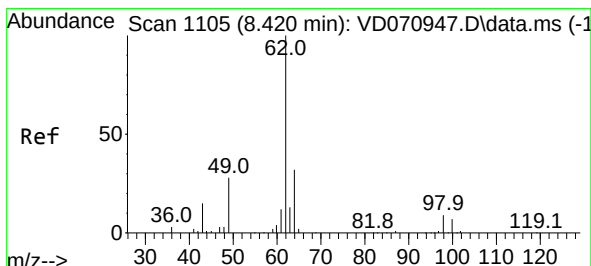
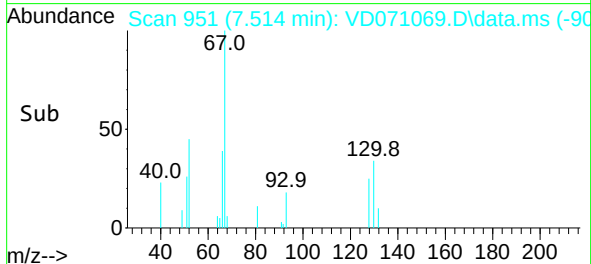
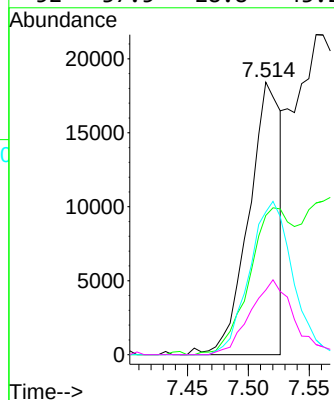


#41
Methacrylonitrile
Concen: 38.717 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

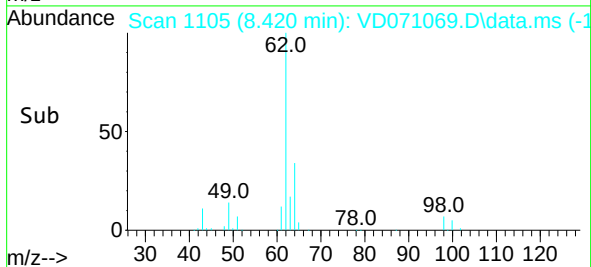
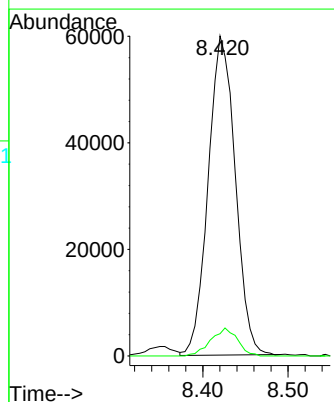
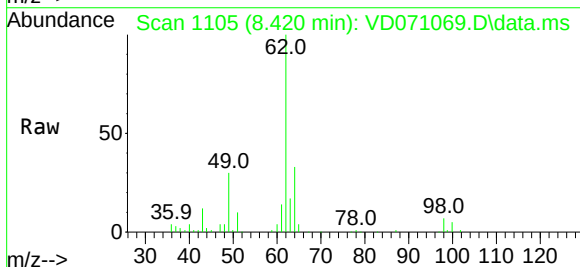


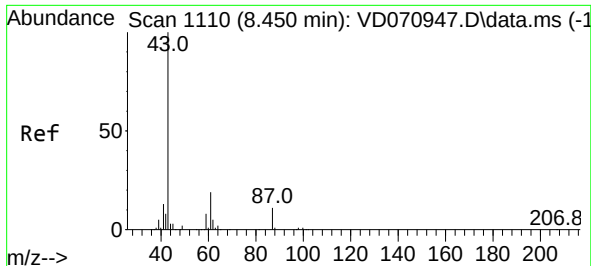
Tgt Ion: 41	Resp: 33514
Ion Ratio	Lower Upper
41 100	
39 73.8	60.2 90.4
67 76.0	74.8 112.2
52 37.5	28.8 43.2



#42
1,2-Dichloroethane
Concen: 61.730 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

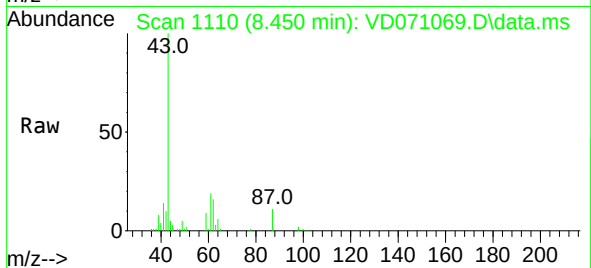
Tgt Ion: 62	Resp: 132269
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 21.8



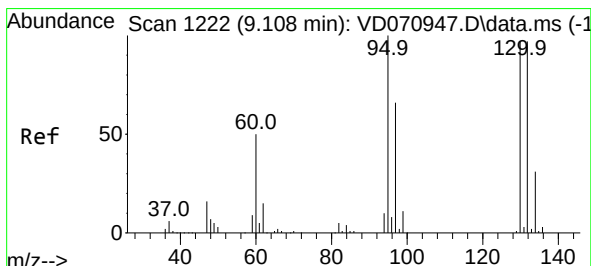
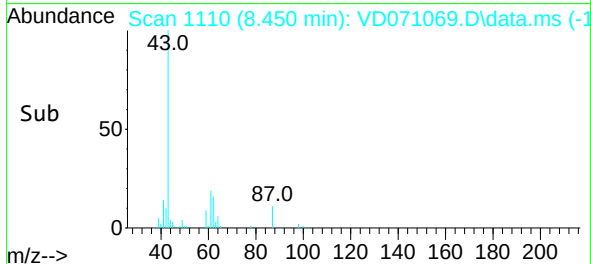
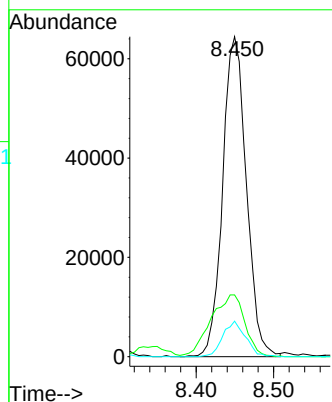


#43
Isopropyl Acetate
Concen: 52.963 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

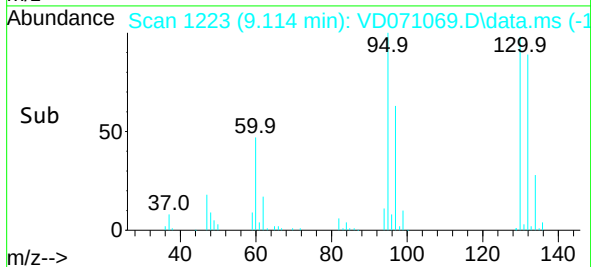
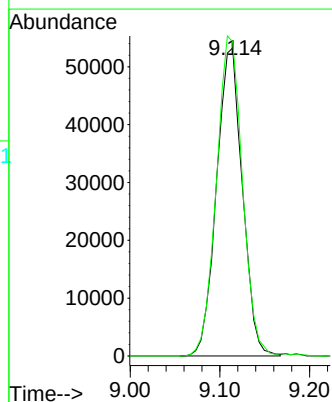
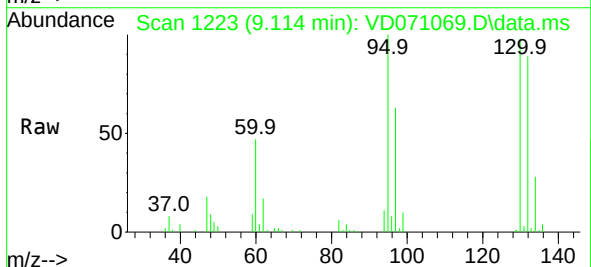


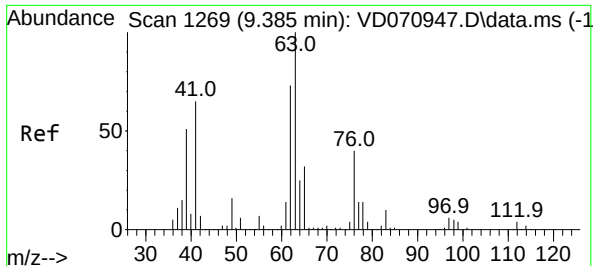
Tgt Ion: 43 Resp: 137368
Ion Ratio Lower Upper
43 100
61 27.7 28.2 42.4#
87 10.7 10.7 16.1



#44
Trichloroethene
Concen: 54.710 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion:130 Resp: 106679
Ion Ratio Lower Upper
130 100
95 102.0 0.0 193.2





#45

1,2-Dichloropropane

Concen: 56.165 ug/l

RT: 9.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

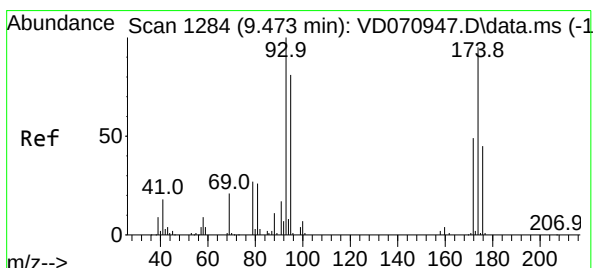
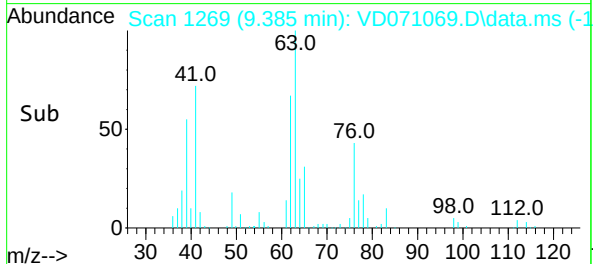
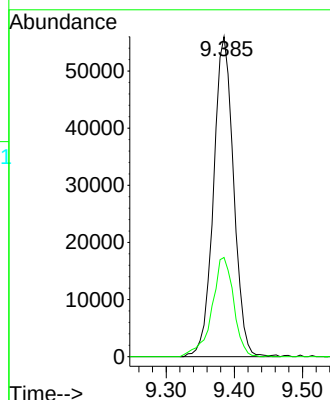
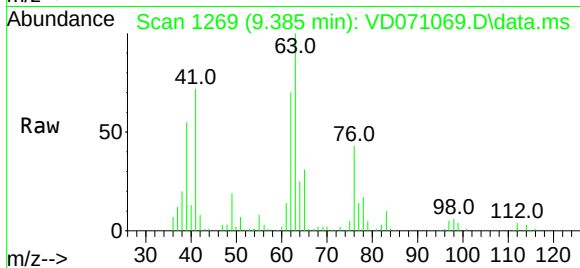
ClientSampleId :

Tgt Ion: 63 Resp: 114905

Ion Ratio Lower Upper

63 100

65 31.0 24.2 36.2



#46

Dibromomethane

Concen: 60.542 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

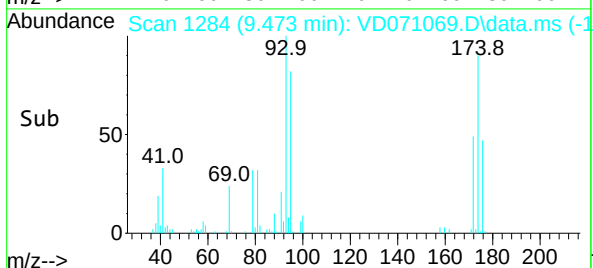
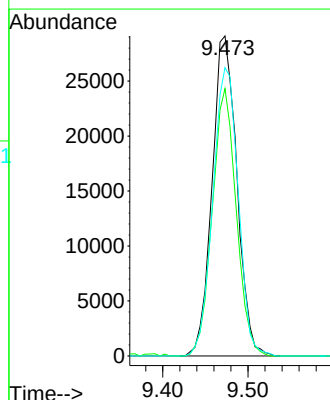
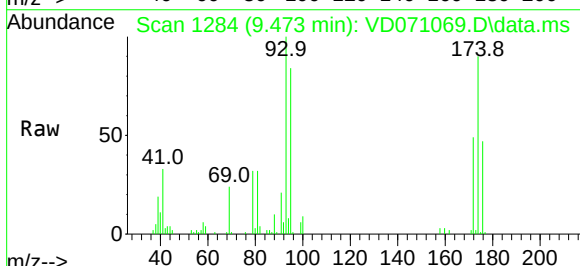
Tgt Ion: 93 Resp: 58955

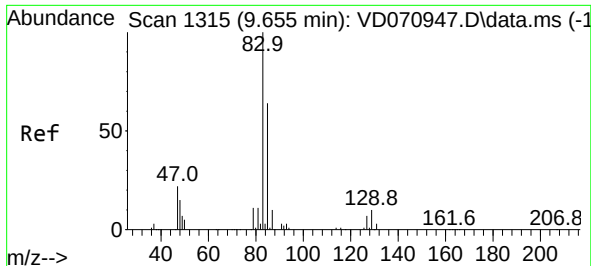
Ion Ratio Lower Upper

93 100

95 80.8 66.1 99.1

174 92.1 78.6 117.8

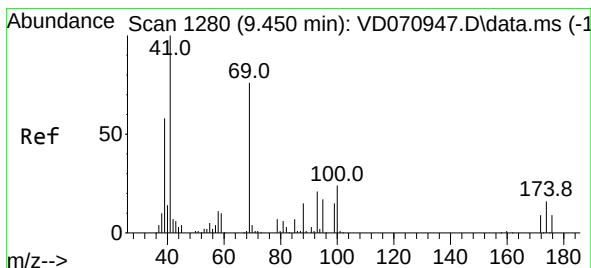
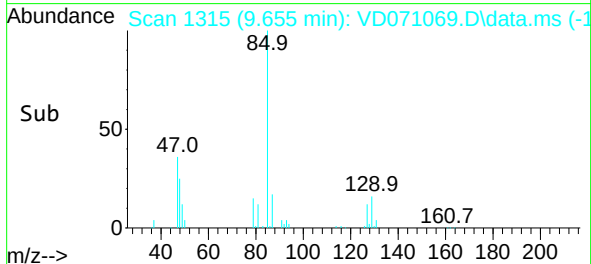
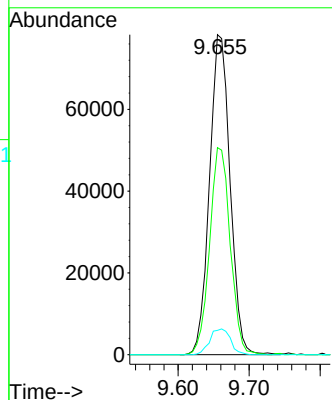
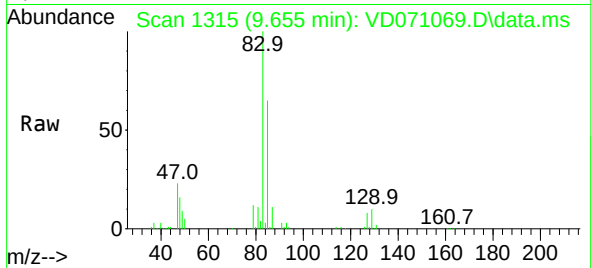




#47
Bromodichloromethane
Concen: 60.998 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

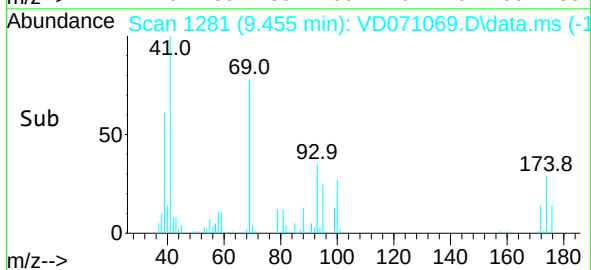
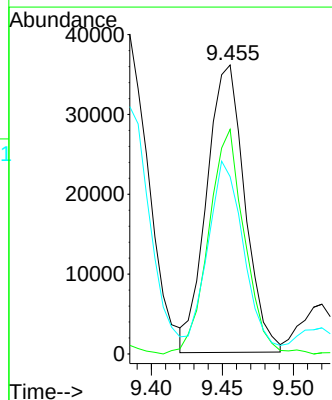
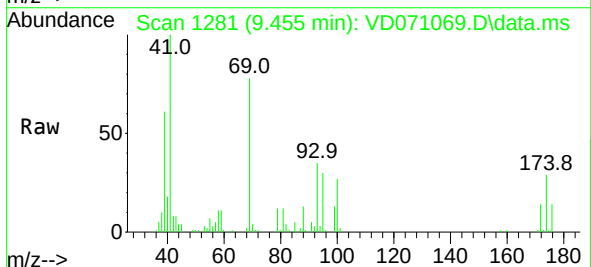
Instrument :
MSVOA_D
ClientSampleId :

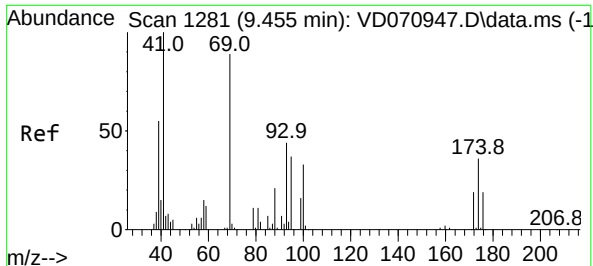
Tgt Ion: 83 Resp: 157111
Ion Ratio Lower Upper
83 100
85 64.7 50.0 75.0
127 7.6 7.3 10.9



#48
Methyl methacrylate
Concen: 52.899 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 41 Resp: 67307
Ion Ratio Lower Upper
41 100
69 73.4 69.8 104.6
39 64.7 35.6 53.4#





#49

1,4-Dioxane

Concen: 939.755 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.006 min

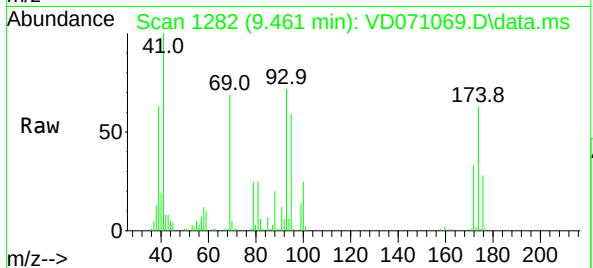
Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

ClientSampleId :



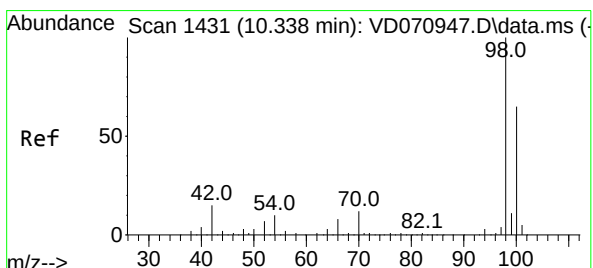
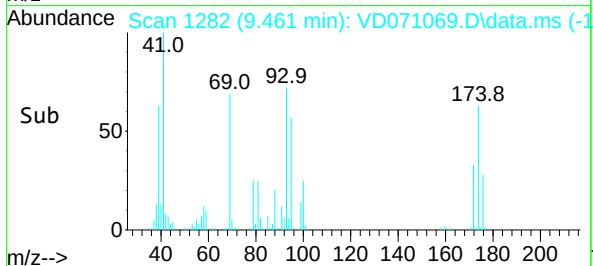
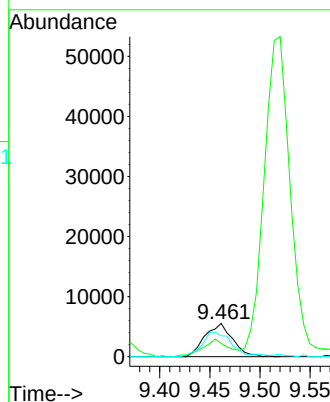
Tgt Ion: 88 Resp: 10603

Ion Ratio Lower Upper

88 100

43 49.8 28.9 43.3#

58 80.0 56.3 84.5



#50

Toluene-d8

Concen: 51.169 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071069.D

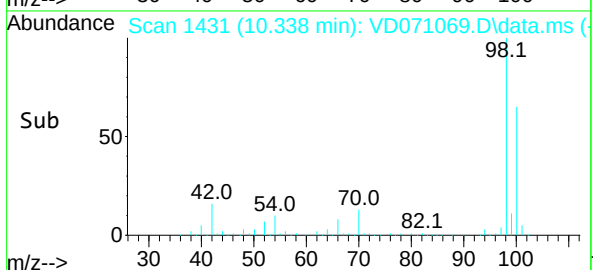
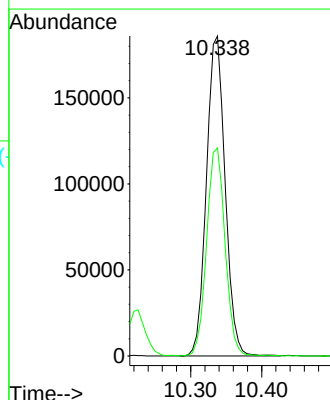
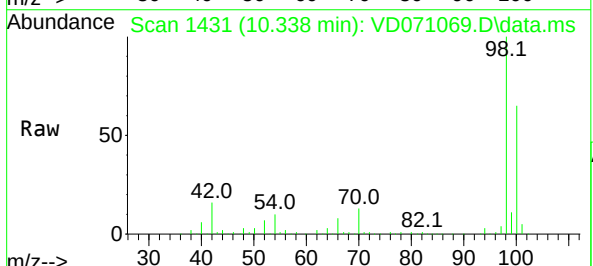
Acq: 19 Nov 2021 21:04

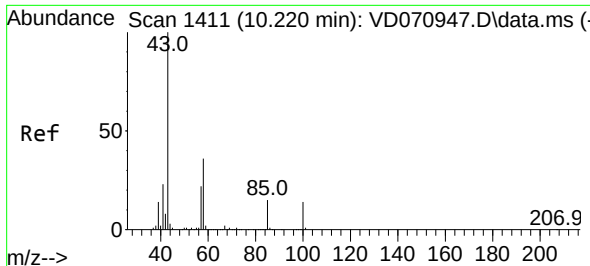
Tgt Ion: 98 Resp: 340197

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.6

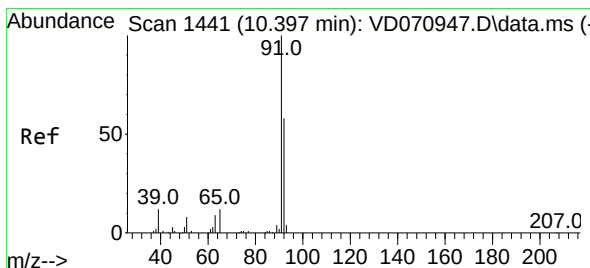
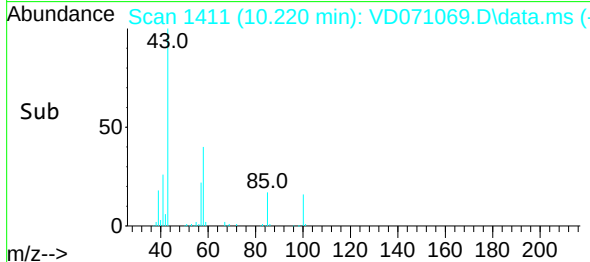
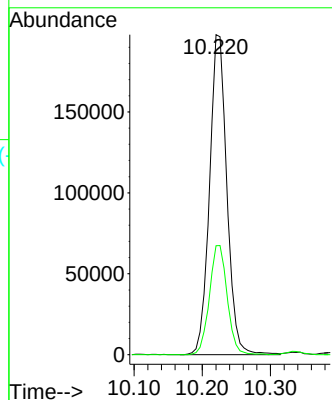
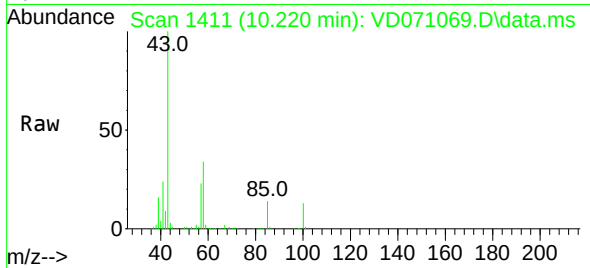




#51
4-Methyl-2-Pentanone
Concen: 278.576 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

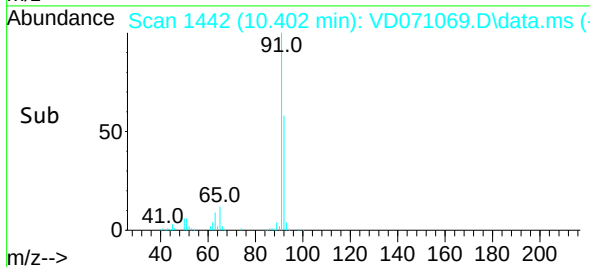
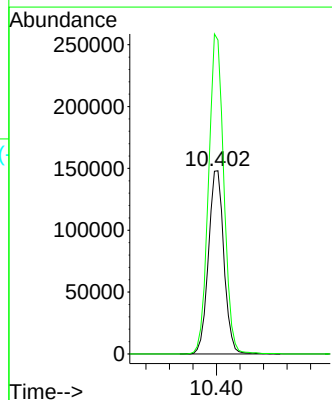
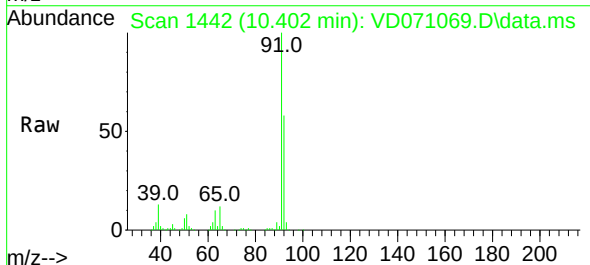
Instrument :
MSVOA_D
ClientSampleId :

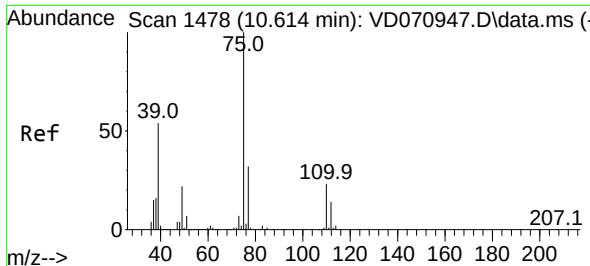
Tgt Ion: 43 Resp: 350295
Ion Ratio Lower Upper
43 100
58 35.0 33.1 49.7



#52
Toluene
Concen: 56.594 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.005 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 92 Resp: 269875
Ion Ratio Lower Upper
92 100
91 173.0 140.7 211.1

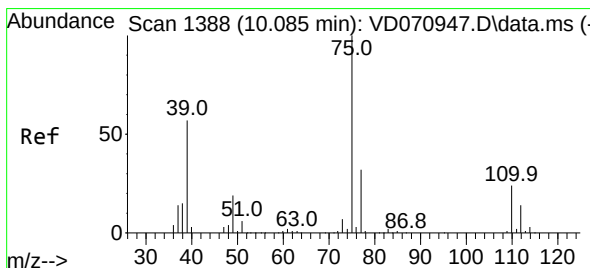
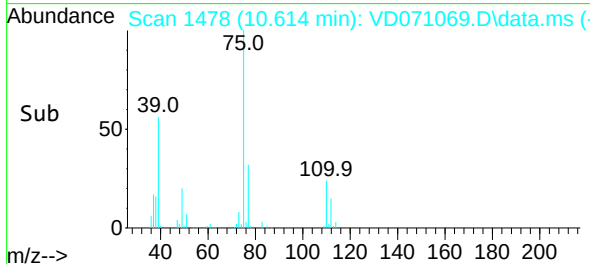
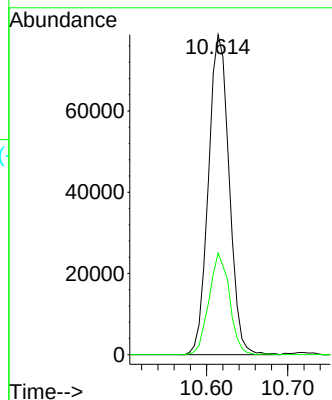
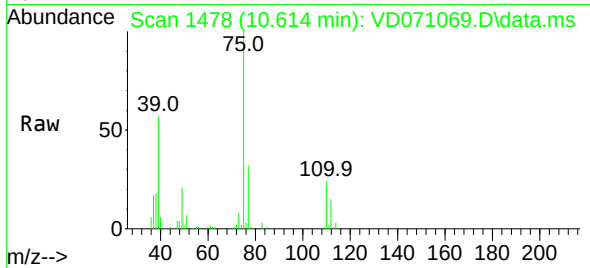




#53
 t-1,3-Dichloropropene
 Concen: 53.835 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

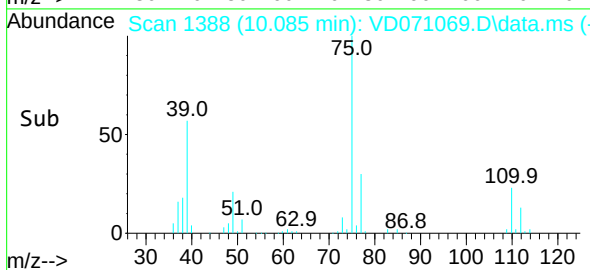
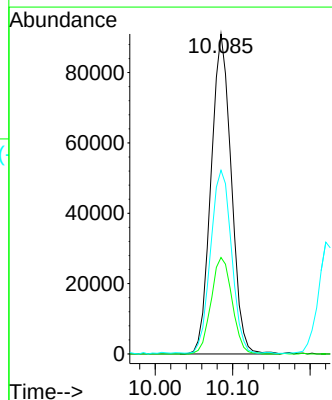
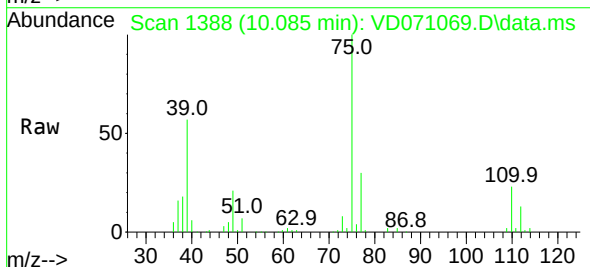
Instrument :
 MSVOA_D
 ClientSampleId :

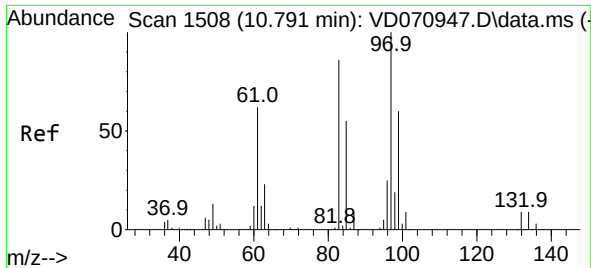
Tgt Ion: 75 Resp: 139829
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 53.849 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

Tgt Ion: 75 Resp: 164931
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.0 37.6
 39 57.2 31.6 47.4#

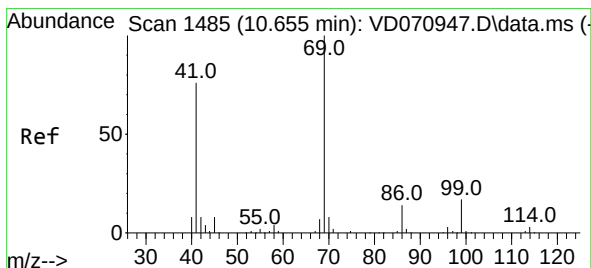
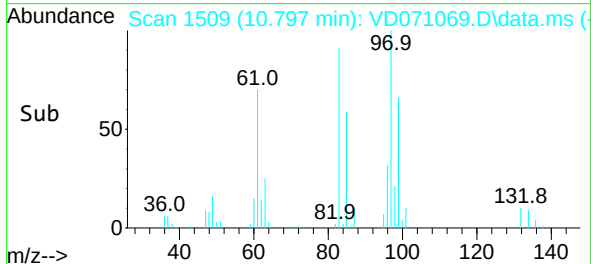
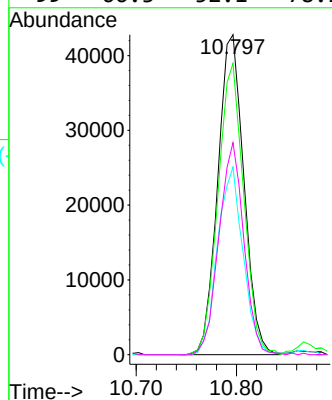
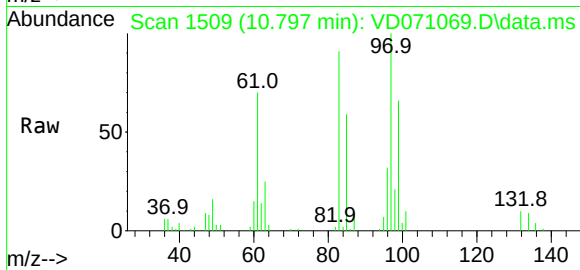




#55
1,1,2-Trichloroethane
Concen: 57.775 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.005 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

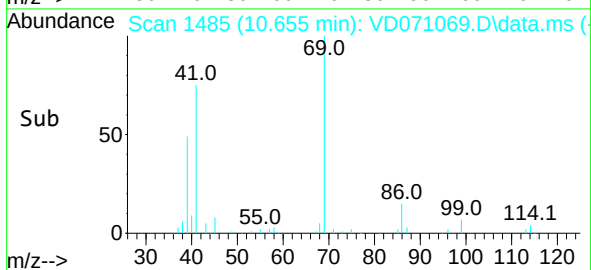
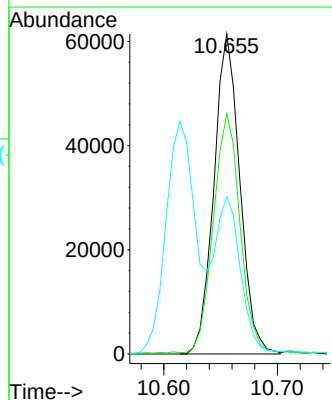
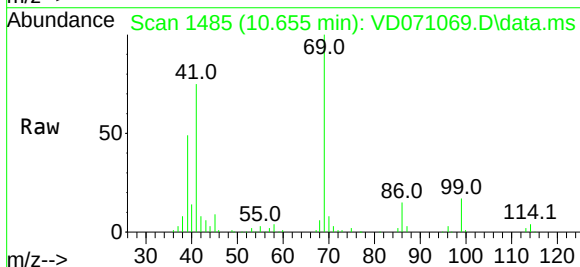
Instrument :
MSVOA_D
ClientSampleId :

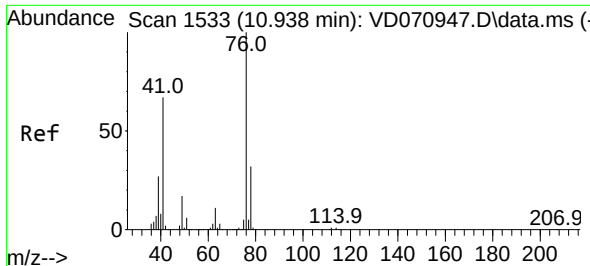
Tgt Ion:	97	Resp:	77325
Ion	Ratio	Lower	Upper
97	100		
83	91.0	65.2	97.8
85	58.7	43.4	65.0
99	66.3	52.1	78.1



#56
Ethyl methacrylate
Concen: 51.425 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion:	69	Resp:	97382
Ion	Ratio	Lower	Upper
69	100		
41	78.9	50.2	75.2#
39	48.4	19.8	29.8#





#57

1,3-Dichloropropane

Concen: 57.560 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

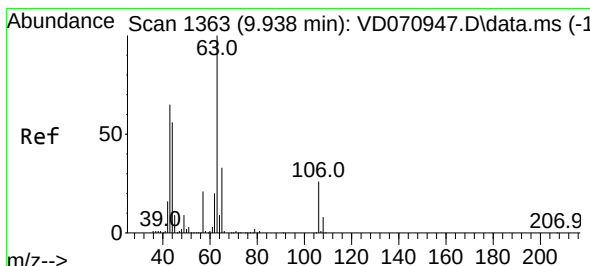
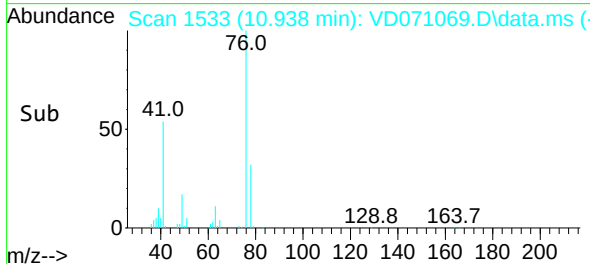
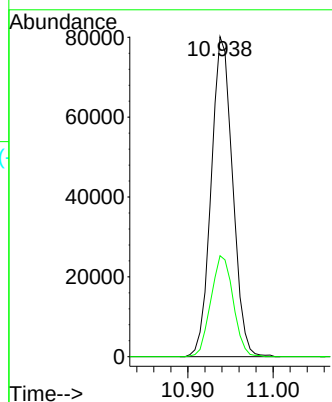
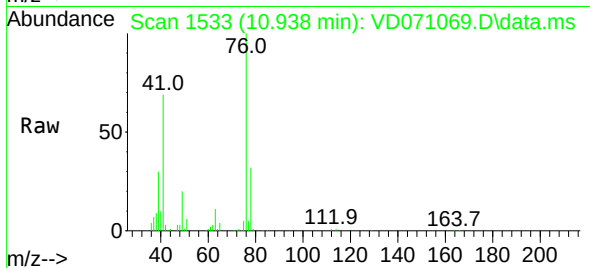
ClientSampleId :

Tgt Ion: 76 Resp: 139897

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 251.838 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD071069.D

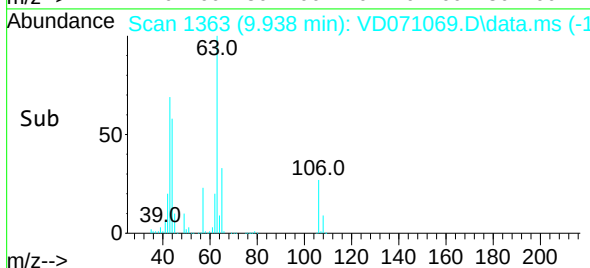
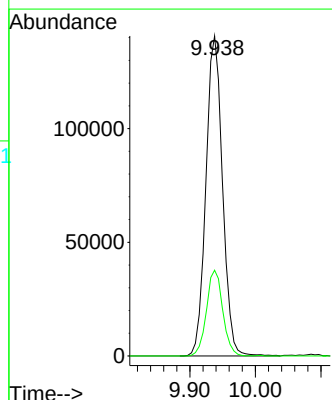
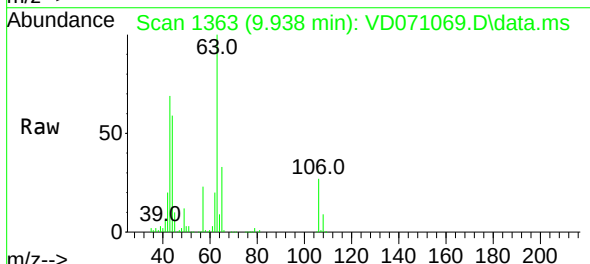
Acq: 19 Nov 2021 21:04

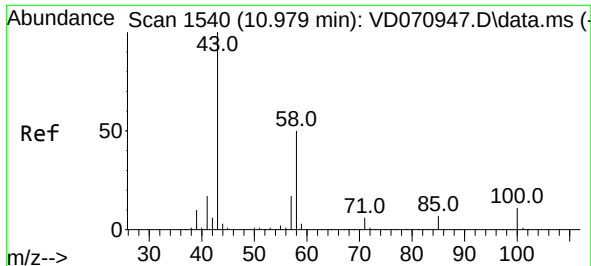
Tgt Ion: 63 Resp: 247925

Ion Ratio Lower Upper

63 100

106 26.3 21.0 31.4

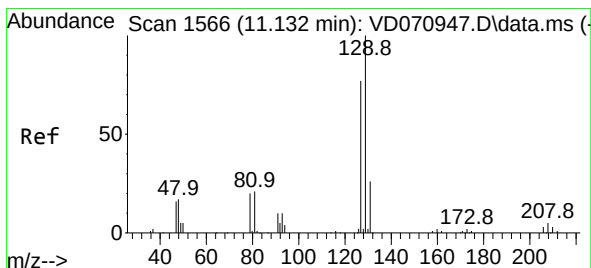
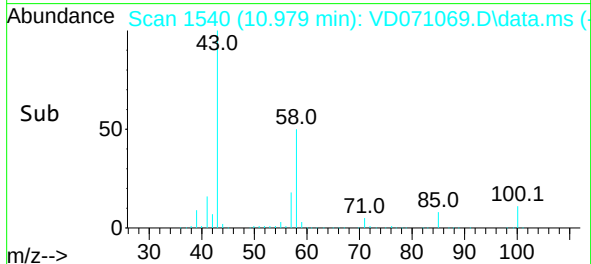
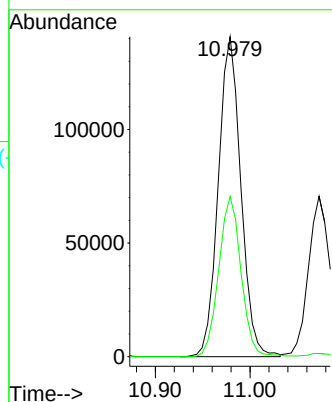
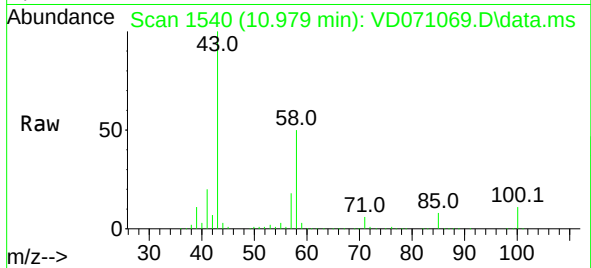




#59
2-Hexanone
Concen: 238.069 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

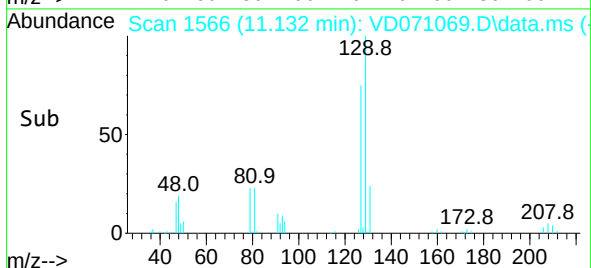
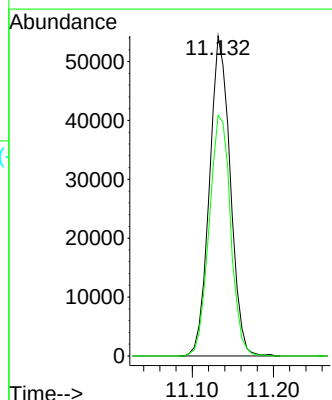
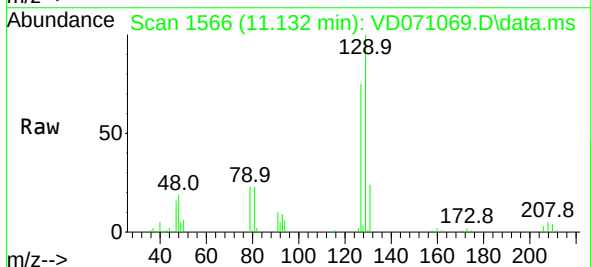
Instrument :
MSVOA_D
ClientSampleId :

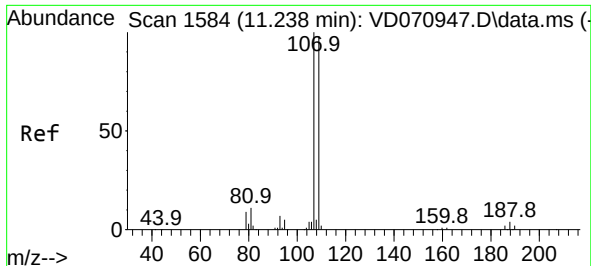
Tgt Ion: 43 Resp: 233297
Ion Ratio Lower Upper
43 100
58 49.4 28.7 86.1



#60
Dibromochloromethane
Concen: 60.181 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 129 Resp: 96626
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6

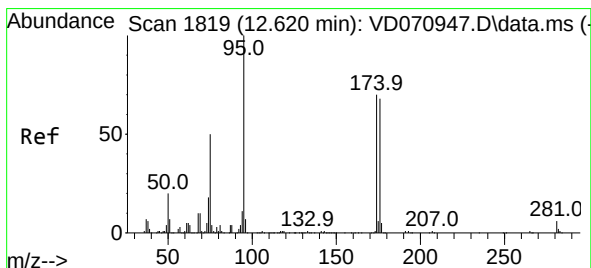
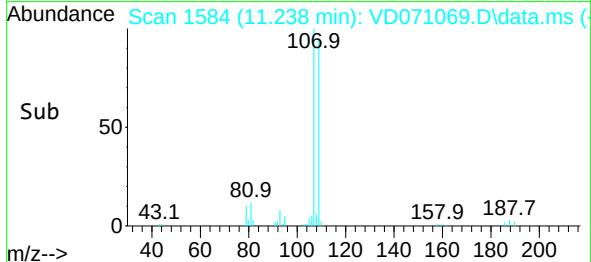
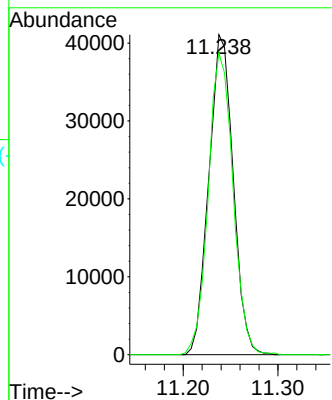
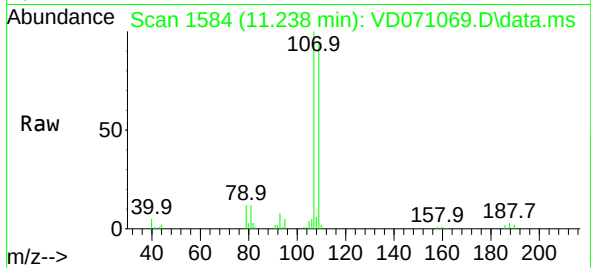




#61
1,2-Dibromoethane
Concen: 56.364 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

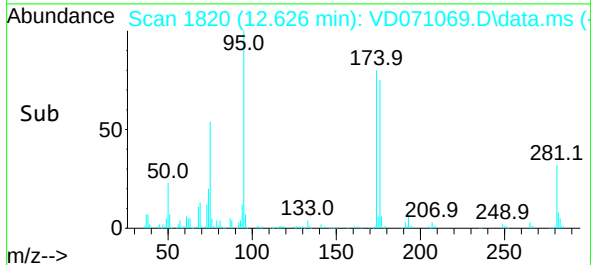
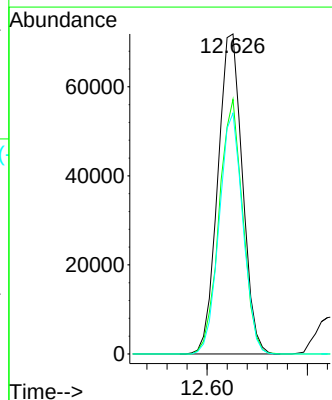
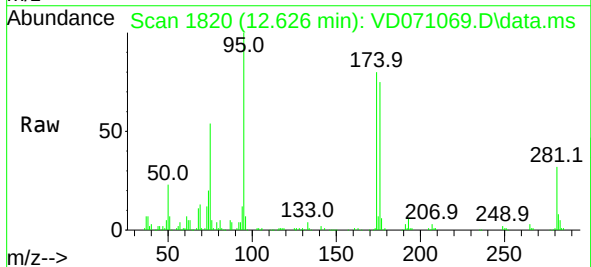
Instrument :
MSVOA_D
ClientSampleId :

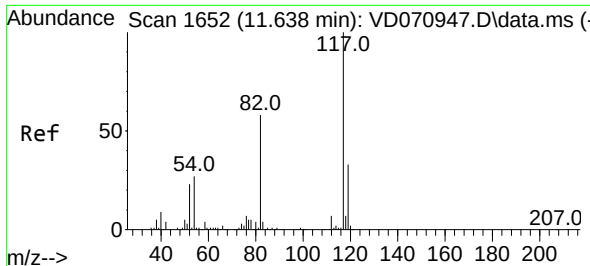
Tgt Ion:107 Resp: 73379
Ion Ratio Lower Upper
107 100
109 95.8 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 51.102 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

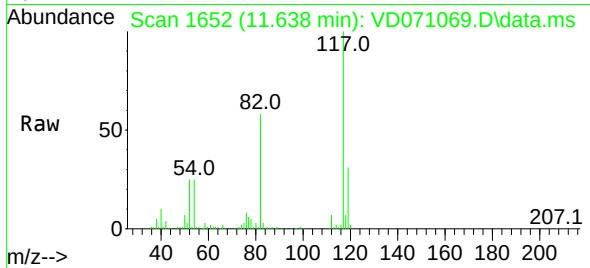
Tgt Ion: 95 Resp: 122332
Ion Ratio Lower Upper
95 100
174 76.0 0.0 159.4
176 72.3 0.0 154.0



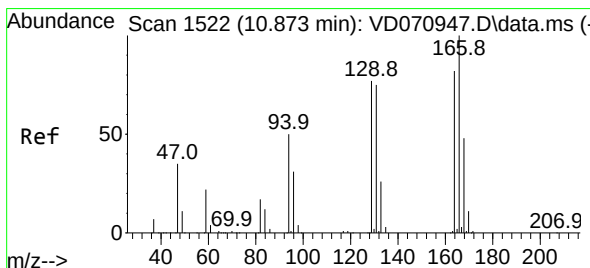
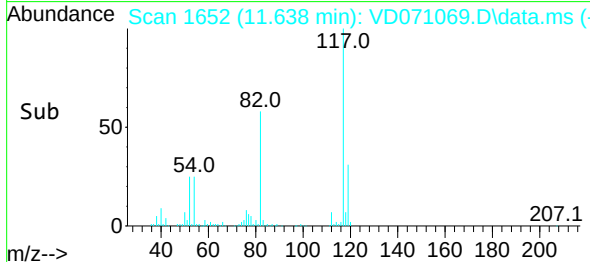
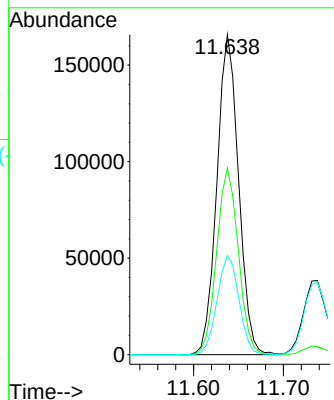


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

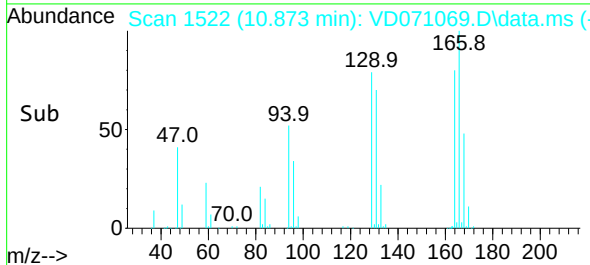
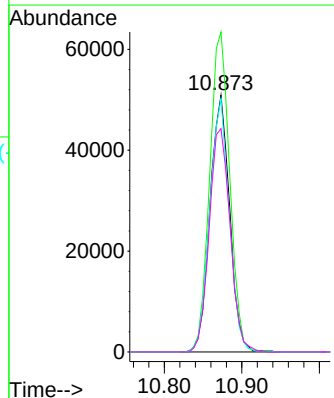
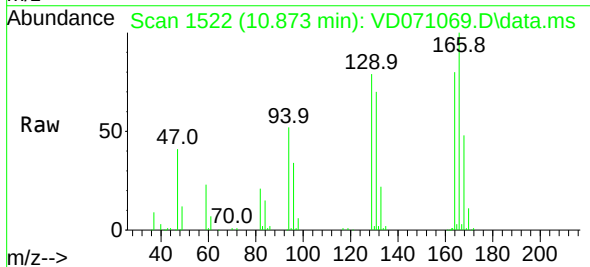


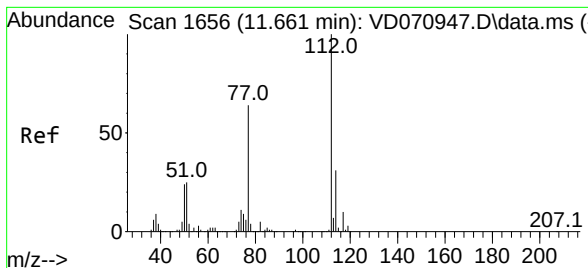
Tgt Ion:117 Resp: 277997
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 30.9 26.2 39.4



#64
Tetrachloroethene
Concen: 55.492 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion:164 Resp: 89956
Ion Ratio Lower Upper
164 100
166 124.6 102.6 153.8
129 98.7 75.4 113.0
131 87.0 70.6 106.0

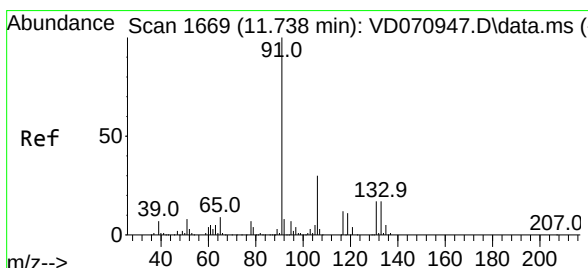
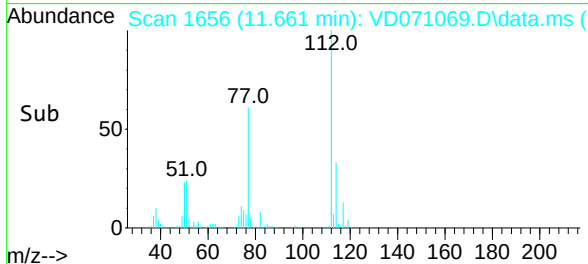
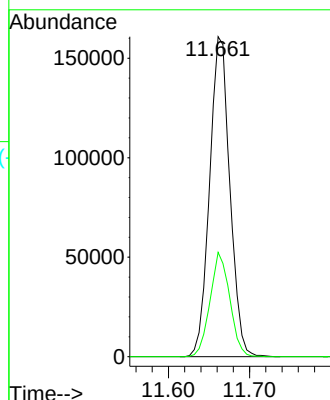
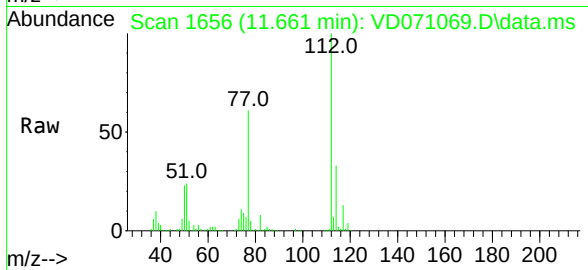




#65
Chlorobenzene
Concen: 56.170 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

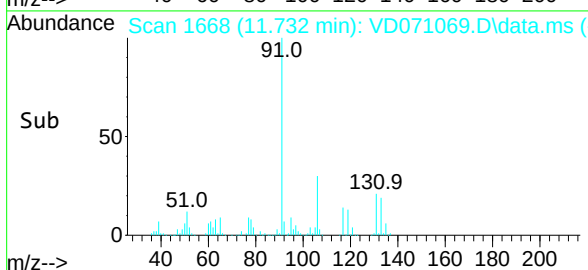
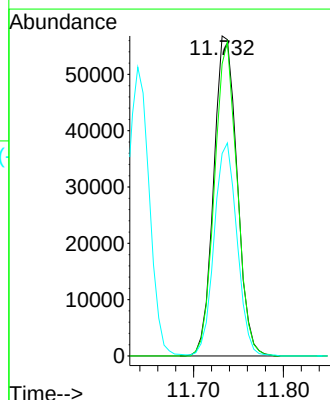
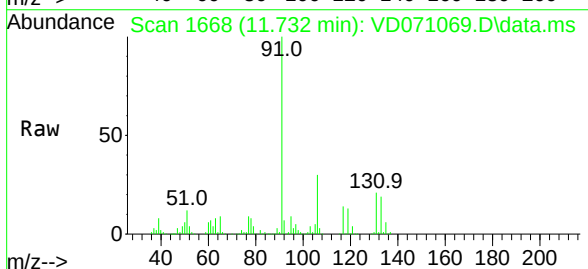
Instrument :
MSVOA_D
ClientSampleId :

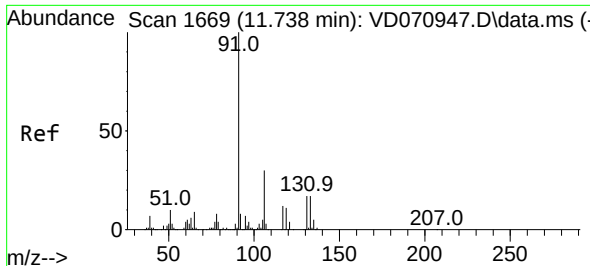
Tgt Ion:112 Resp: 278605
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 58.503 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion:131 Resp: 102994
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.0
119 65.1 33.5 100.4





#67

Ethyl Benzene

Concen: 55.282 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

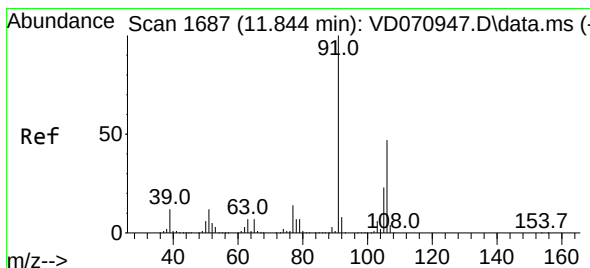
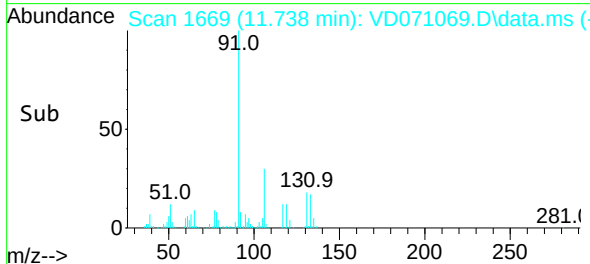
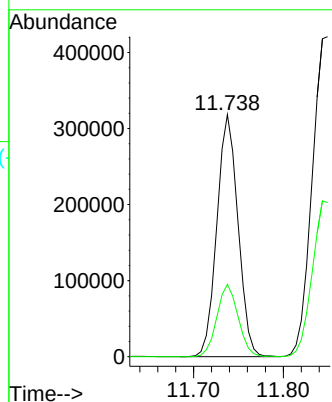
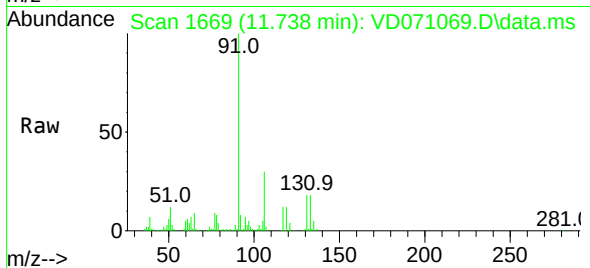
ClientSampleId :

Tgt Ion: 91 Resp: 519280

Ion Ratio Lower Upper

91 100

106 29.9 24.6 36.8



#68

m/p-Xylenes

Concen: 111.894 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD071069.D

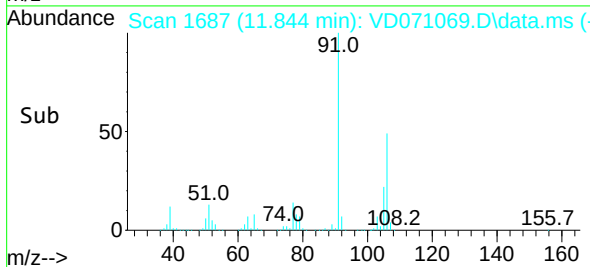
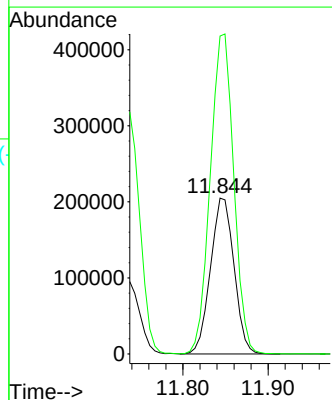
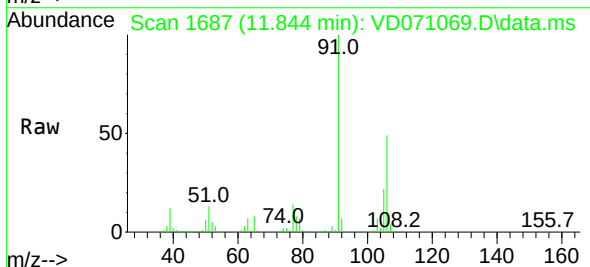
Acq: 19 Nov 2021 21:04

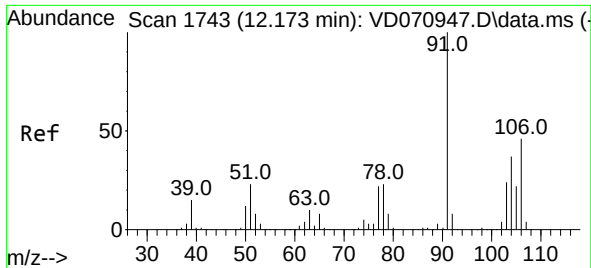
Tgt Ion: 106 Resp: 392827

Ion Ratio Lower Upper

106 100

91 205.1 160.1 240.1

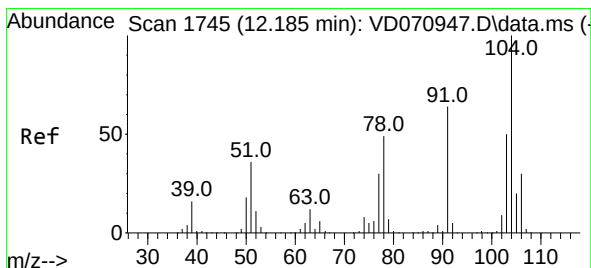
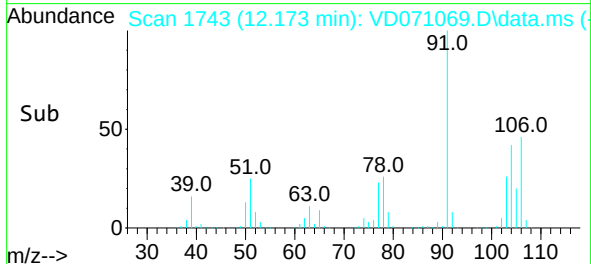
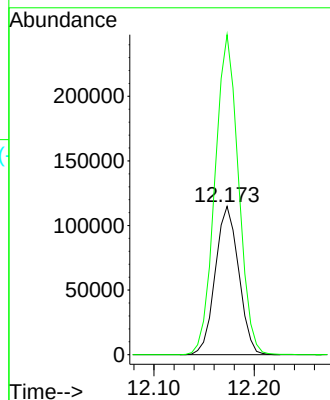
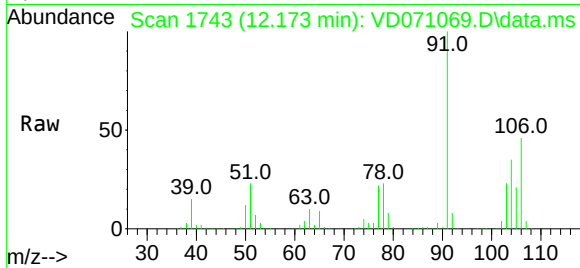




#69
o-Xylene
Concen: 55.802 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

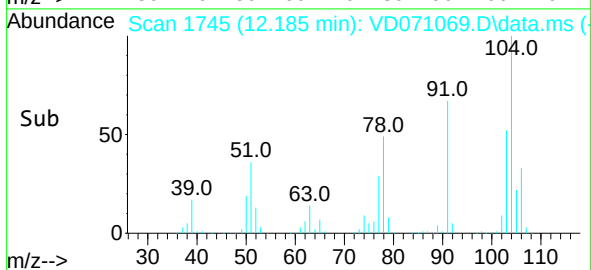
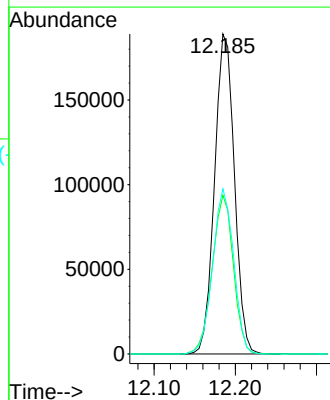
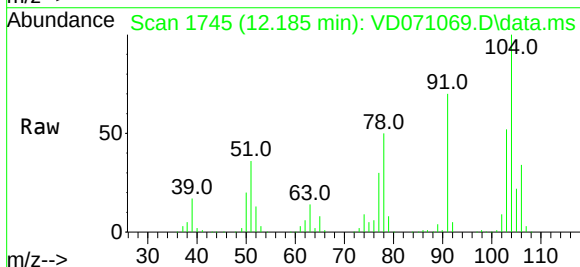
Instrument :
MSVOA_D
ClientSampleId :

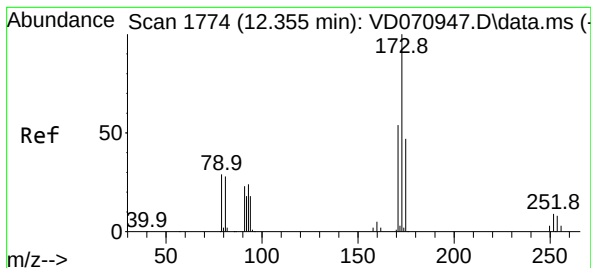
Tgt Ion:106 Resp: 186341
Ion Ratio Lower Upper
106 100
91 216.7 106.3 319.0



#70
Styrene
Concen: 56.850 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion:104 Resp: 321435
Ion Ratio Lower Upper
104 100
78 52.7 39.4 59.0
103 54.6 43.4 65.0





#71

Bromoform

Concen: 57.632 ug/l

RT: 12.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

ClientSampleId :

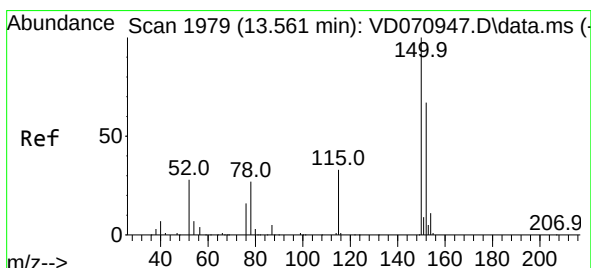
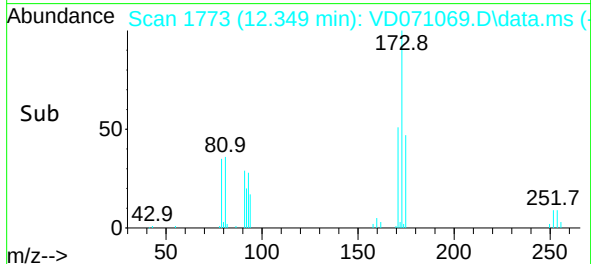
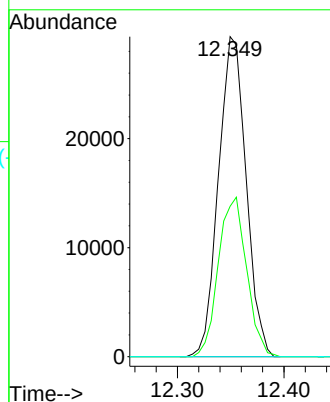
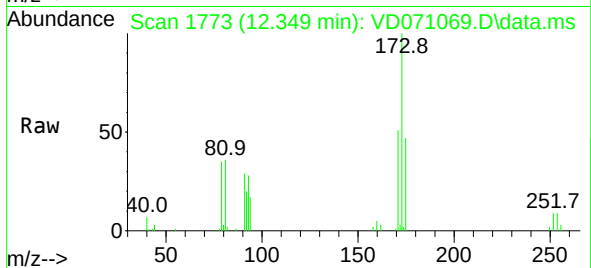
Tgt Ion:173 Resp: 52910

Ion Ratio Lower Upper

173 100

175 51.0 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. 0.006 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

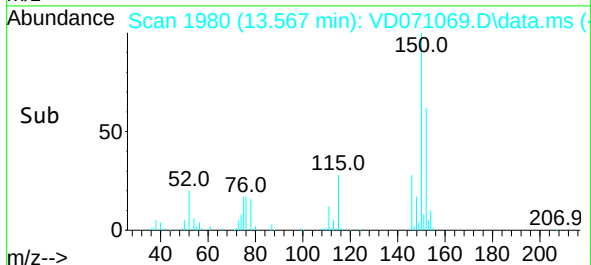
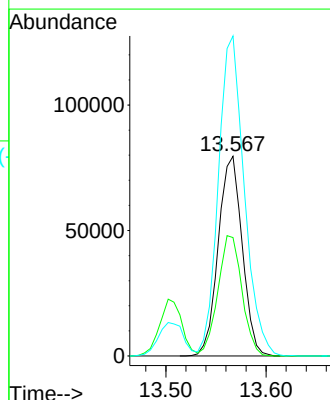
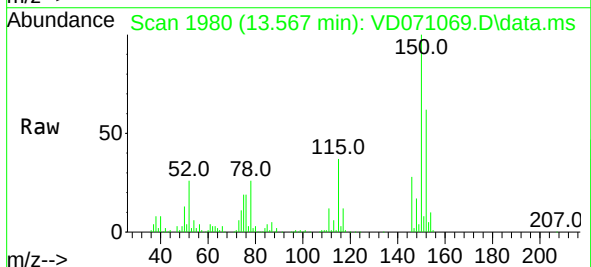
Tgt Ion:152 Resp: 132068

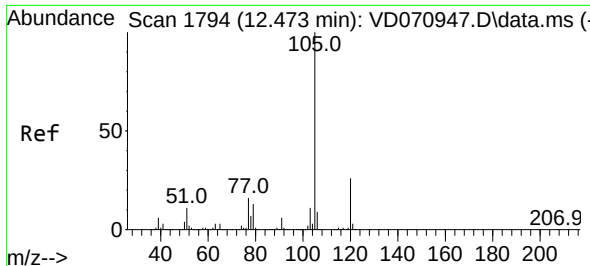
Ion Ratio Lower Upper

152 100

115 60.4 29.8 89.3

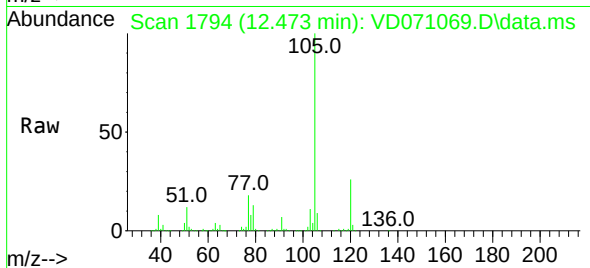
150 173.0 0.0 349.2



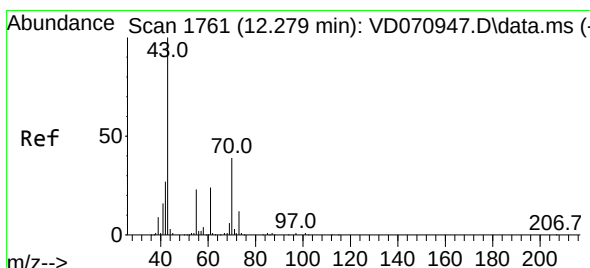
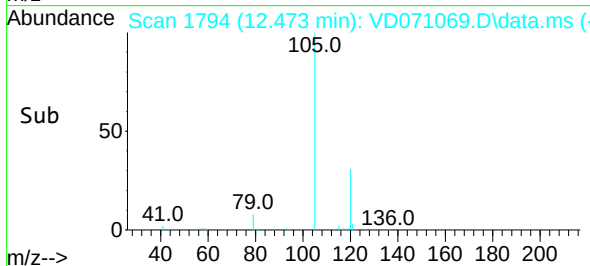
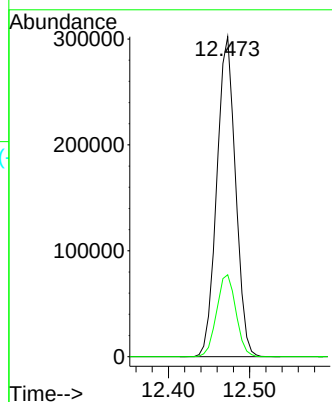


#73
Isopropylbenzene
Concen: 50.933 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

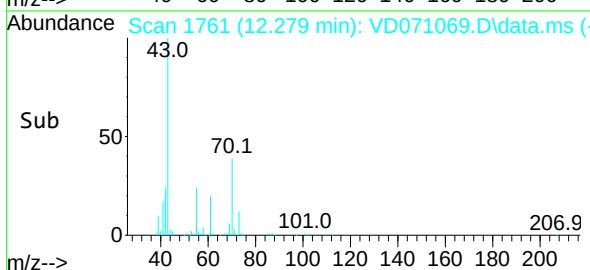
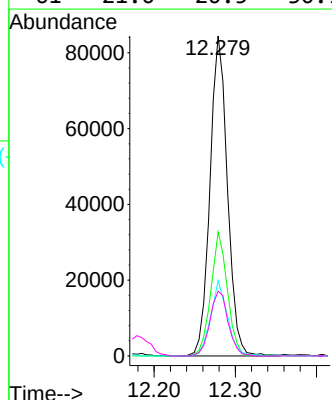
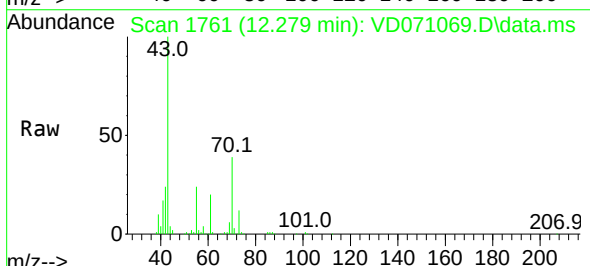


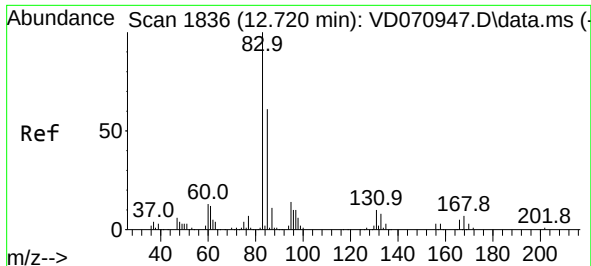
Tgt Ion:105 Resp: 484593
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 46.428 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 43 Resp: 126199
Ion Ratio Lower Upper
43 100
70 36.7 36.6 55.0
55 22.8 22.5 33.7
61 21.0 20.5 30.7

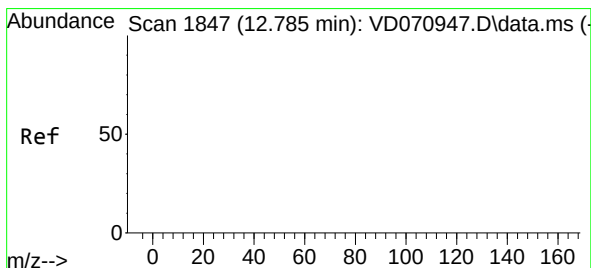
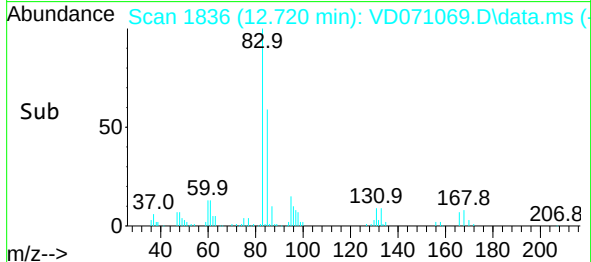
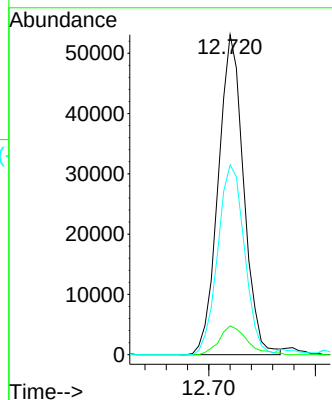
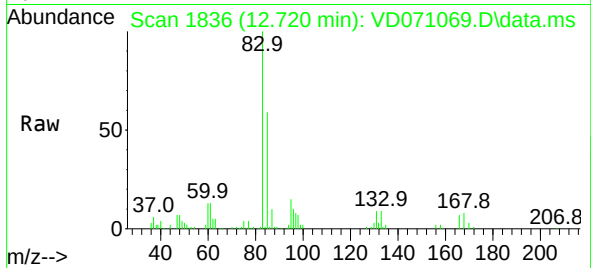




#75
 1,1,2-Tetrachloroethane
 Concen: 53.626 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

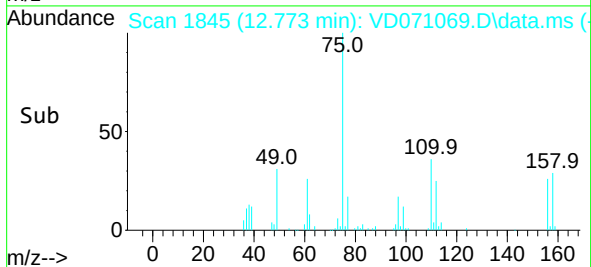
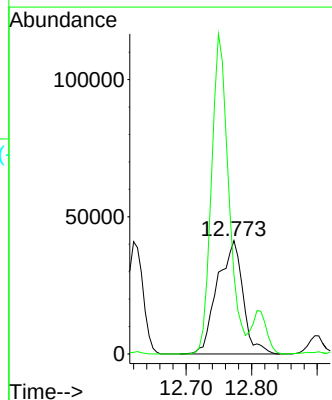
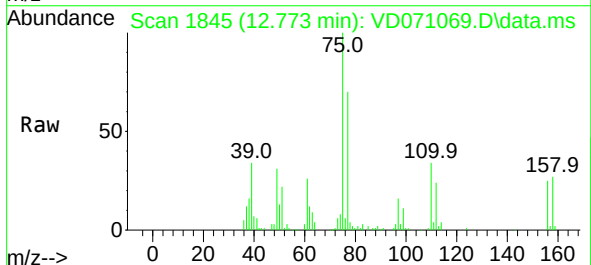
Instrument :
 MSVOA_D
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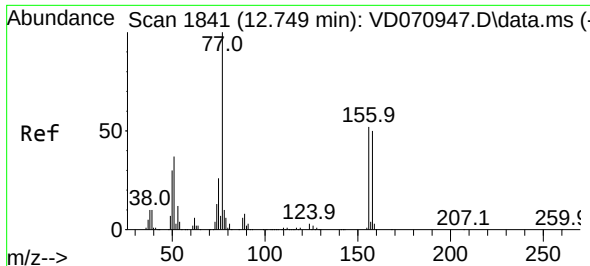
Tgt Ion: 83 Resp: 87820
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 62.4 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 99.338 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.012 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

Tgt Ion: 75 Resp: 112066
 Ion Ratio Lower Upper
 75 100
 77 0.0 158.4 475.3#

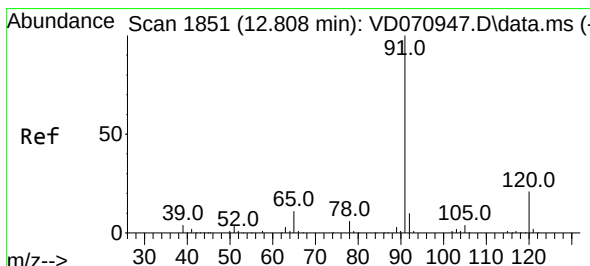
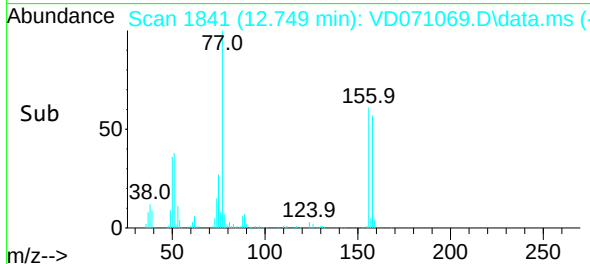
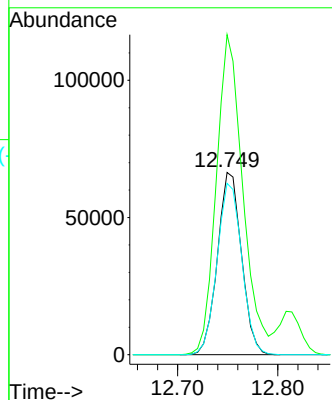
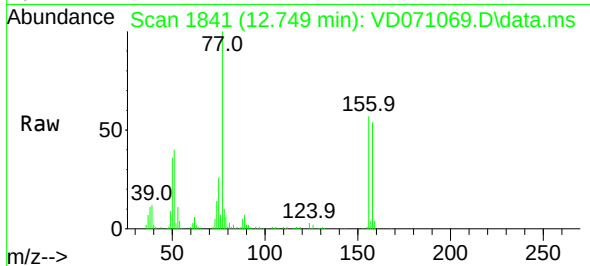




#77
Bromobenzene
Concen: 54.419 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

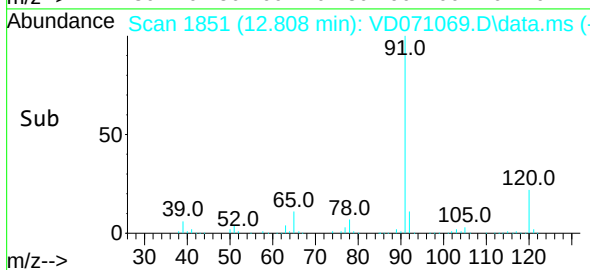
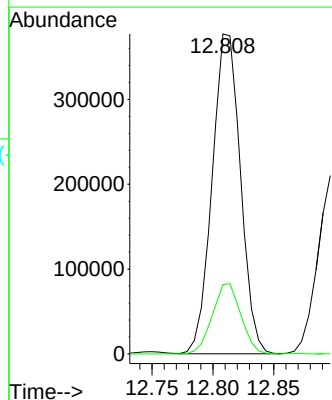
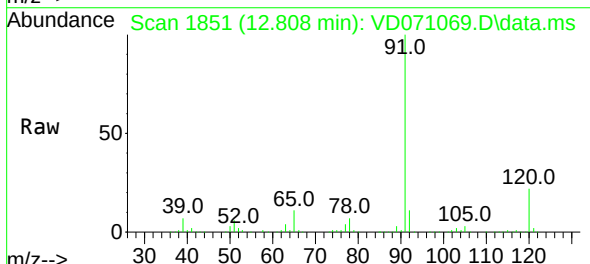
Instrument :
MSVOA_D
ClientSampleId :

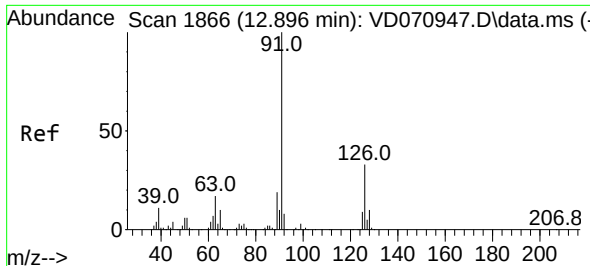
Tgt Ion:156 Resp: 110627
Ion Ratio Lower Upper
156 100
77 193.0 96.6 289.8
158 96.9 49.1 147.4



#78
n-propylbenzene
Concen: 51.775 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 91 Resp: 610377
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9

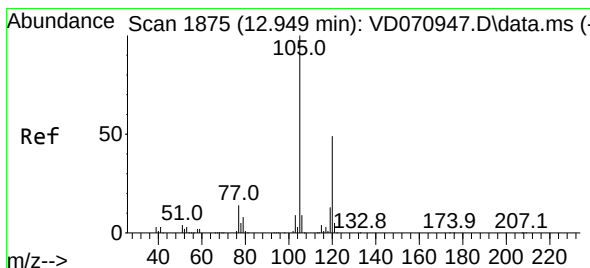
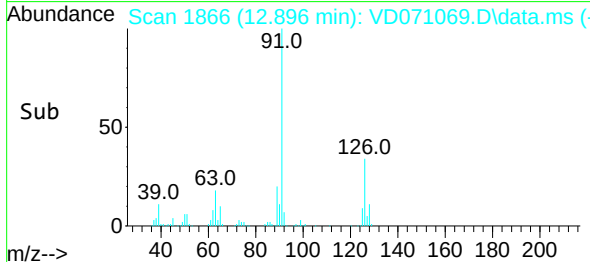
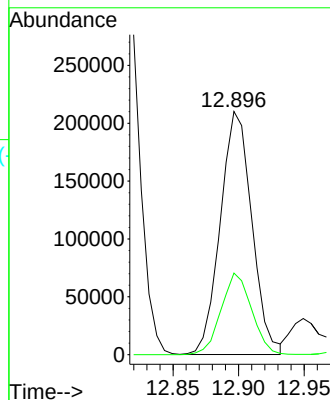
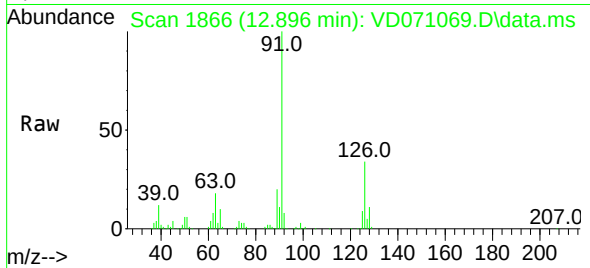




#79
2-Chlorotoluene
Concen: 52.376 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

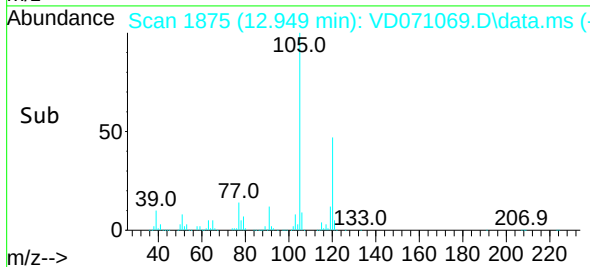
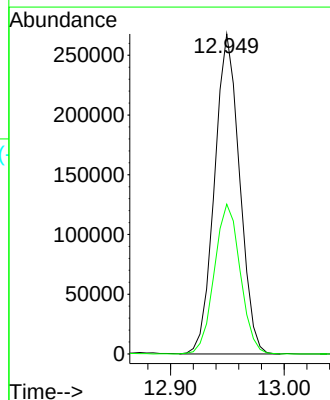
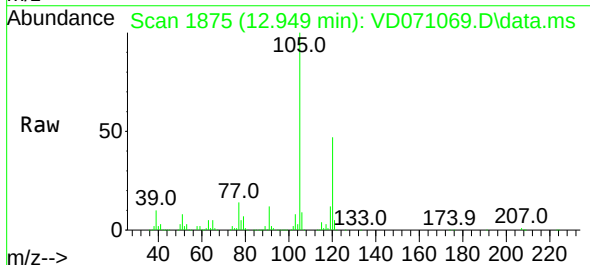
Instrument :
MSVOA_D
ClientSampleId :

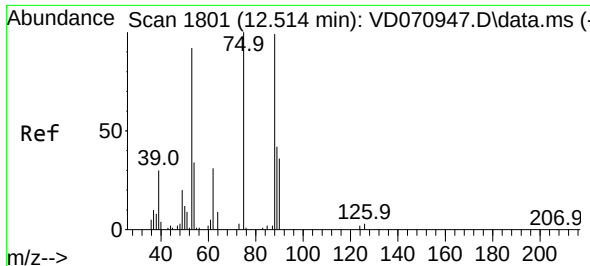
Tgt Ion: 91 Resp: 352068
Ion Ratio Lower Upper
91 100
126 32.5 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 52.410 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion:105 Resp: 410565
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.8

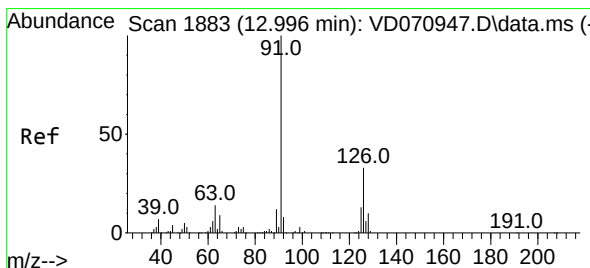
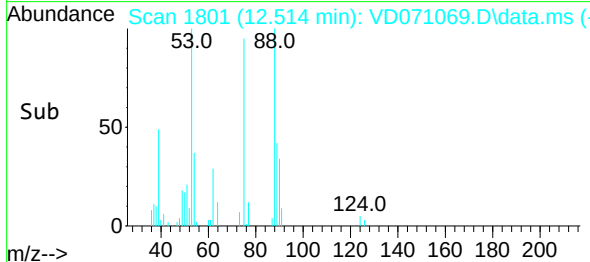
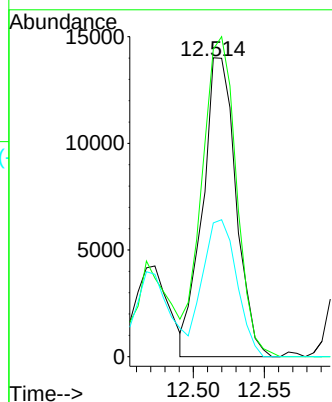
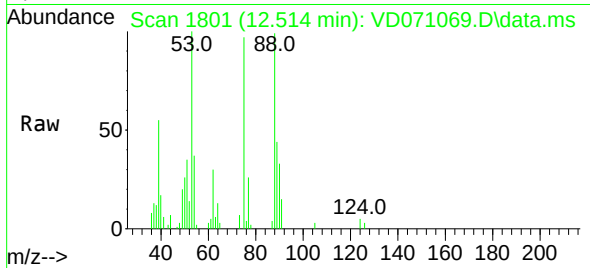




#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.831 ug/l
 RT: 12.514 min Scan# 1801
 Delta R.T. 0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

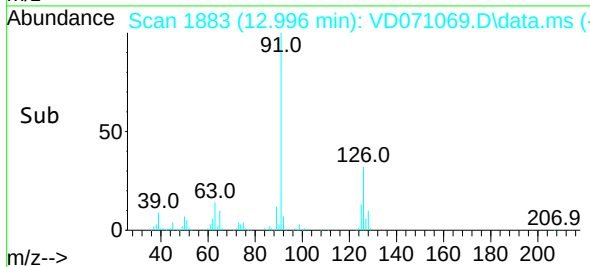
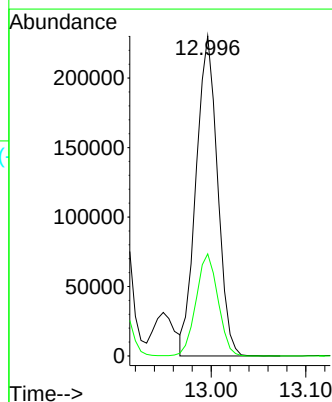
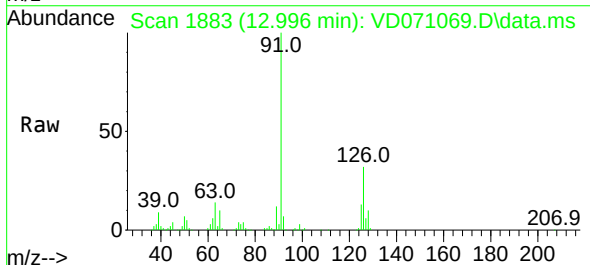
Instrument :
 MSVOA_D
 ClientSampleId :

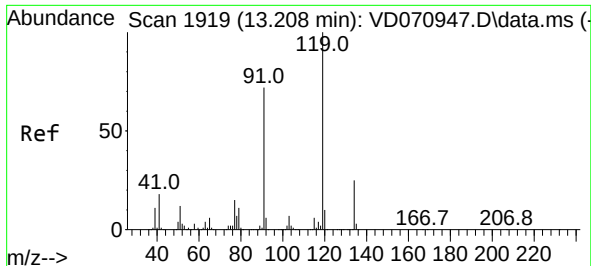
Tgt Ion: 75 Resp: 22898
 Ion Ratio Lower Upper
 75 100
 53 110.2 62.6 94.0#
 89 46.5 34.5 51.7



#82
 4-Chlorotoluene
 Concen: 52.148 ug/l
 RT: 12.996 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

Tgt Ion: 91 Resp: 361776
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1

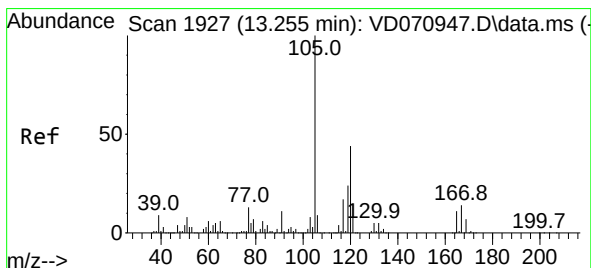
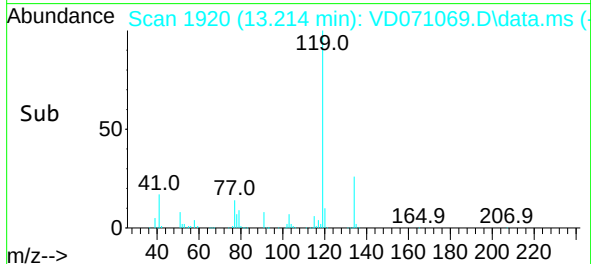
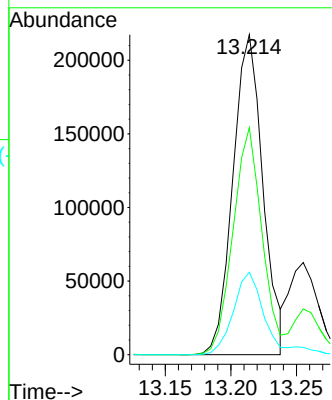
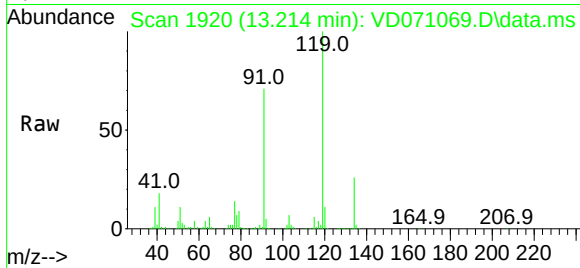




#83
tert-Butylbenzene
Concen: 51.340 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

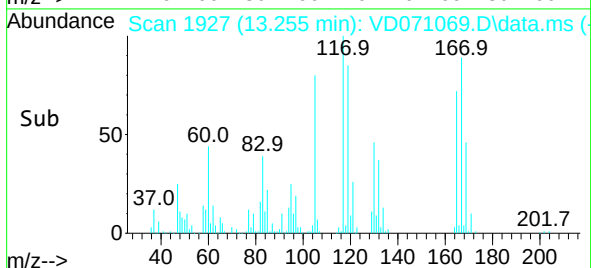
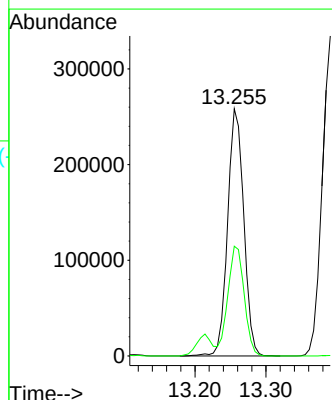
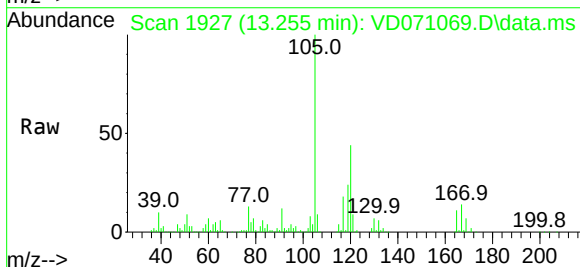
Instrument :
MSVOA_D
ClientSampleId :

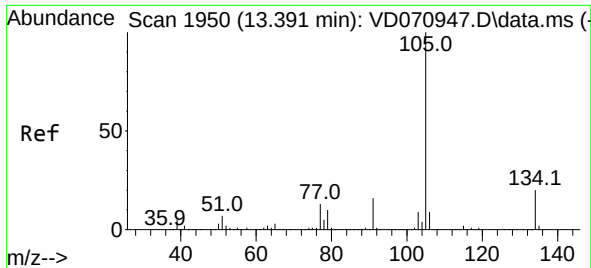
Tgt Ion:119 Resp: 346448
Ion Ratio Lower Upper
119 100
91 68.3 32.5 97.5
134 27.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 53.092 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion:105 Resp: 407318
Ion Ratio Lower Upper
105 100
120 44.8 22.9 68.7

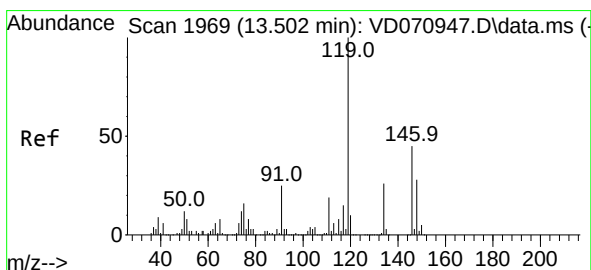
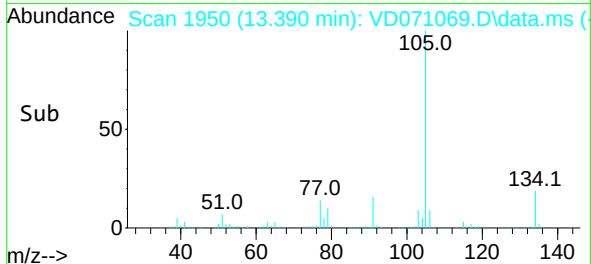
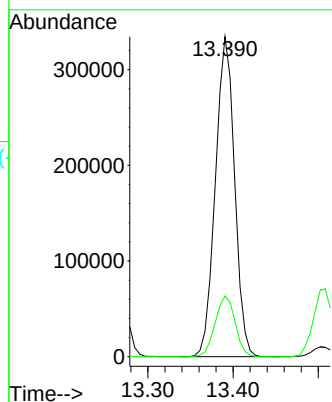
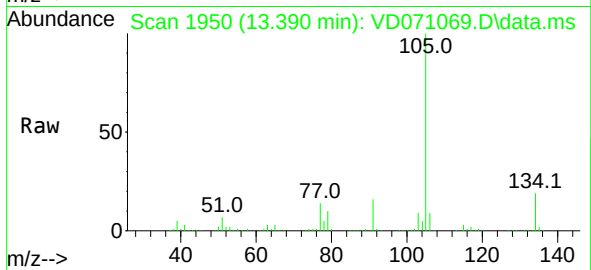




#85
 sec-Butylbenzene
 Concen: 51.543 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

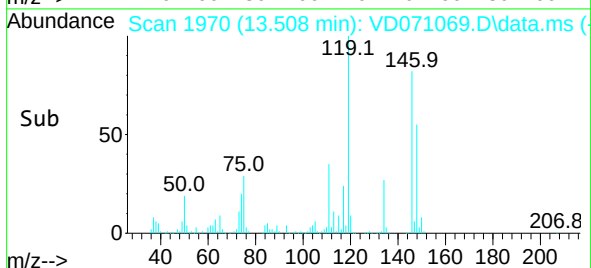
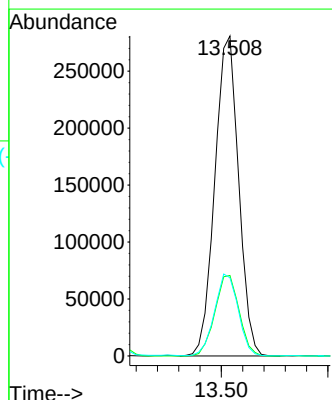
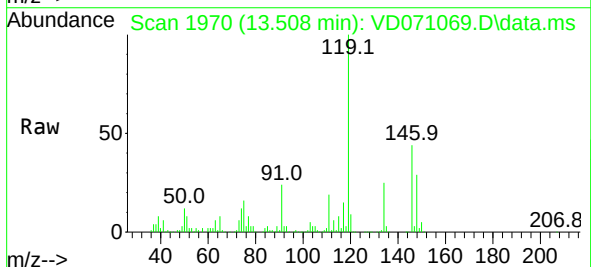
Instrument :
 MSVOA_D
 ClientSampleId :

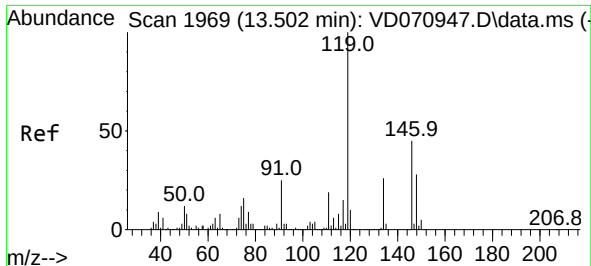
Tgt Ion:105 Resp: 522915
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.405 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

Tgt Ion:119 Resp: 435055
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.3 11.4 34.2

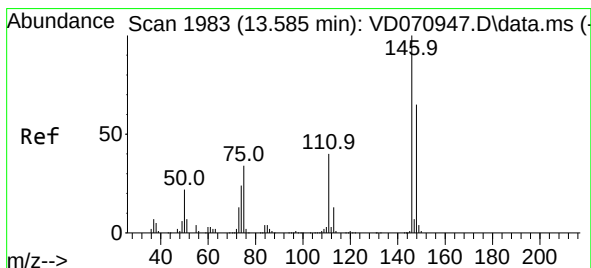
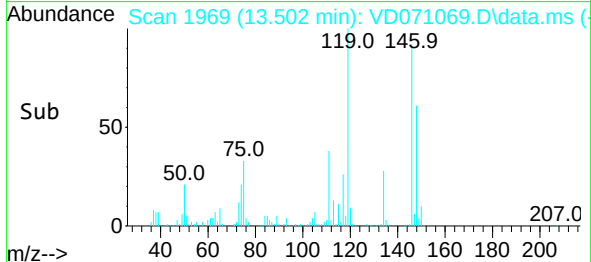
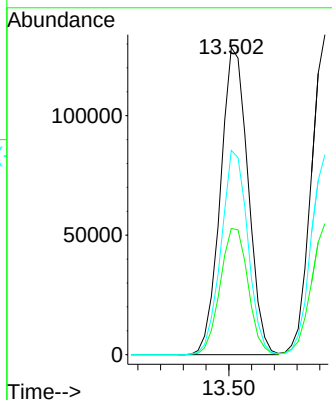
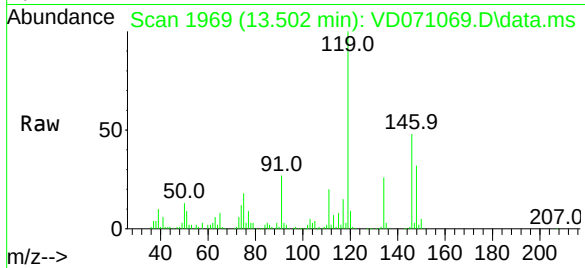




#87
 1,3-Dichlorobenzene
 Concen: 54.693 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

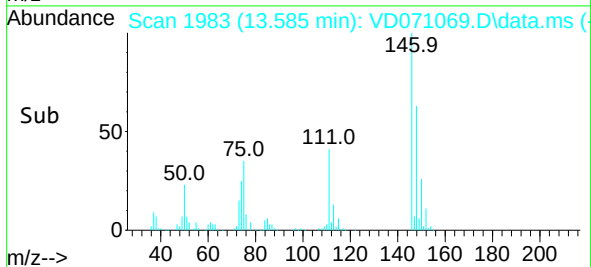
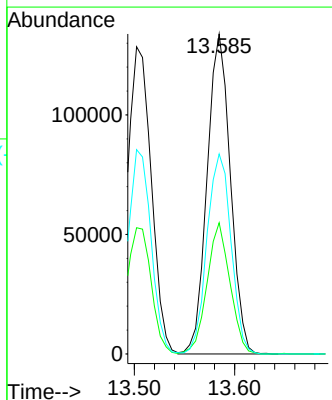
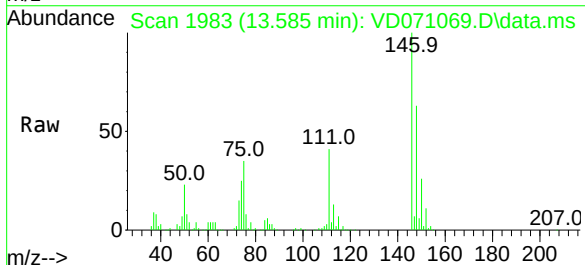
Instrument :
 MSVOA_D
 ClientSampleId :

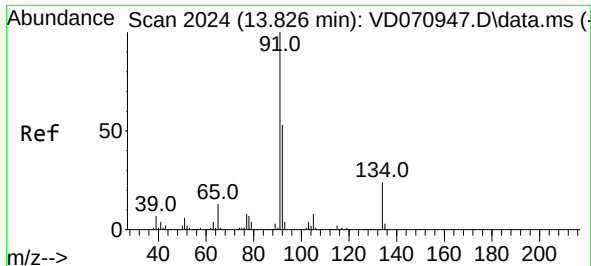
Tgt Ion:146 Resp: 217389
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.8 59.4
 148 64.3 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 54.314 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VD071069.D
 Acq: 19 Nov 2021 21:04

Tgt Ion:146 Resp: 216150
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.6 58.8
 148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 51.179 ug/l

RT: 13.832 min Scan# 2024

Delta R.T. 0.006 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

ClientSampleId :

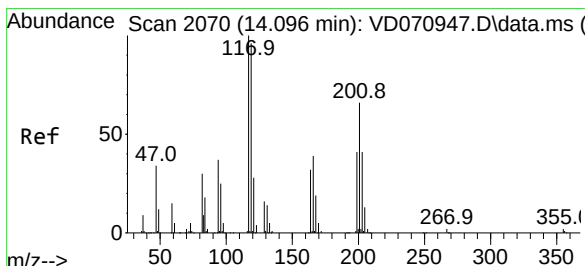
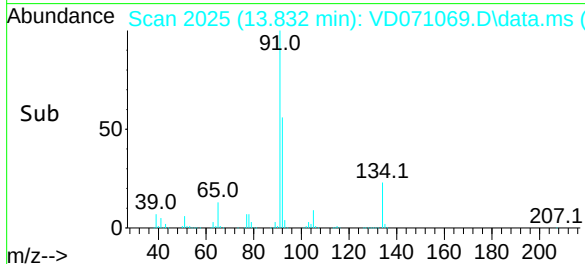
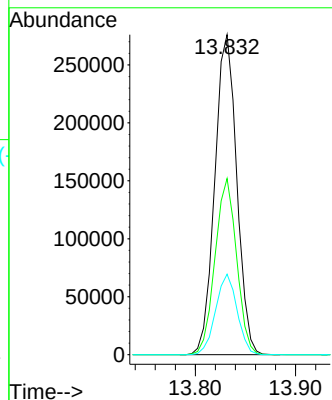
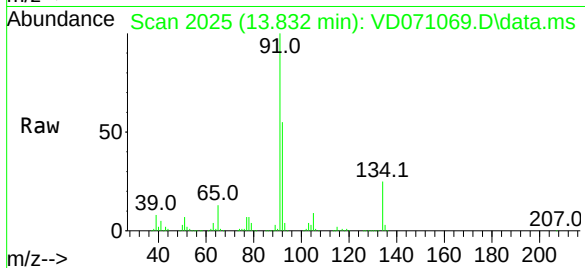
Tgt Ion: 91 Resp: 418994

Ion Ratio Lower Upper

91 100

92 54.0 27.3 81.9

134 24.6 12.3 36.9



#90

Hexachloroethane

Concen: 51.992 ug/l

RT: 14.102 min Scan# 2071

Delta R.T. 0.006 min

Lab File: VD071069.D

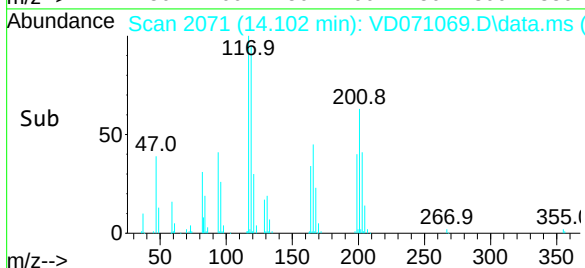
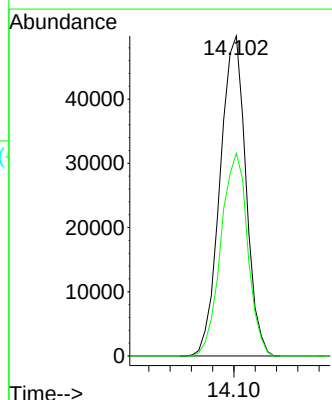
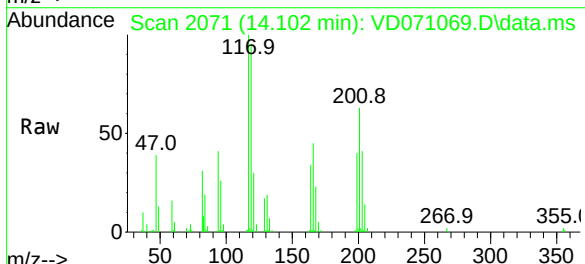
Acq: 19 Nov 2021 21:04

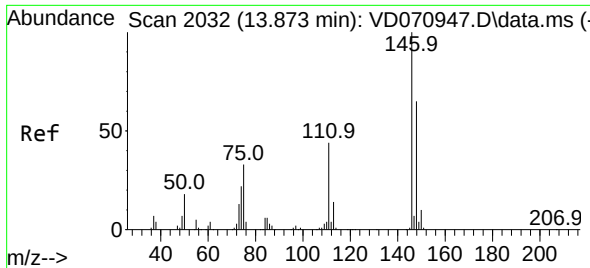
Tgt Ion: 117 Resp: 83813

Ion Ratio Lower Upper

117 100

201 65.5 36.0 108.1

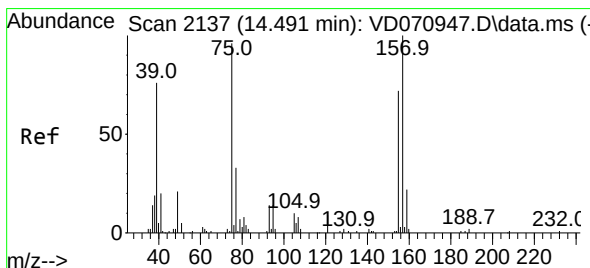
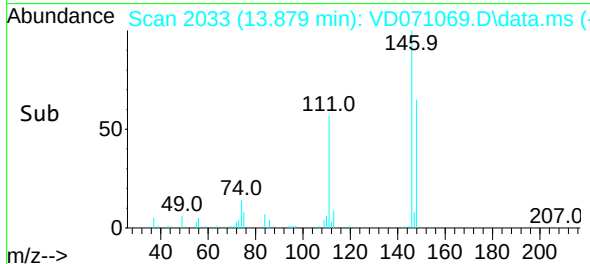
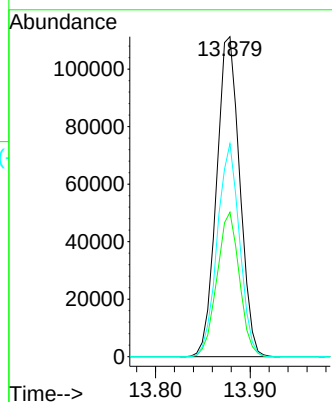
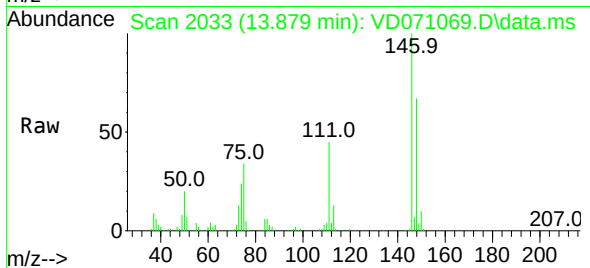




#91
1,2-Dichlorobenzene
Concen: 55.045 ug/l
RT: 13.879 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

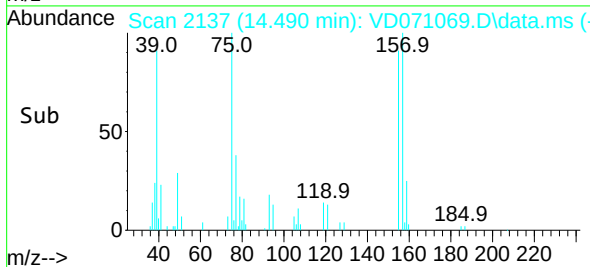
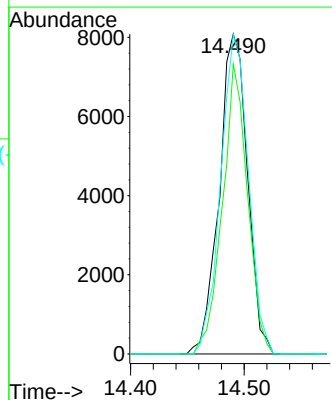
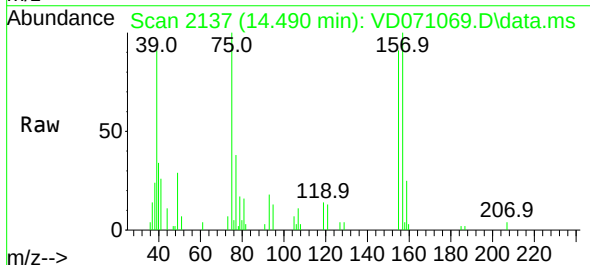
Instrument :
MSVOA_D
ClientSampleId :

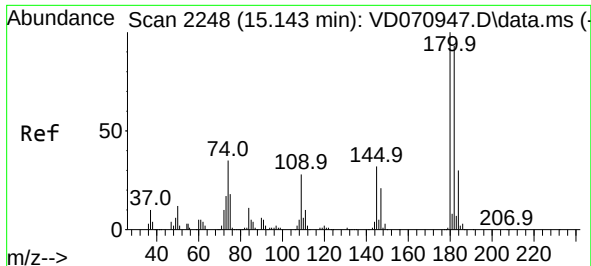
Tgt Ion:146 Resp: 189579
Ion Ratio Lower Upper
146 100
111 43.7 20.8 62.2
148 63.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.931 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.001 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion: 75 Resp: 13948
Ion Ratio Lower Upper
75 100
155 80.8 40.0 120.0
157 98.2 49.8 149.3





#93

1,2,4-Trichlorobenzene

Concen: 51.796 ug/l

RT: 15.149 min Scan# 2248

Delta R.T. 0.006 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

Instrument :

MSVOA_D

ClientSampleId :

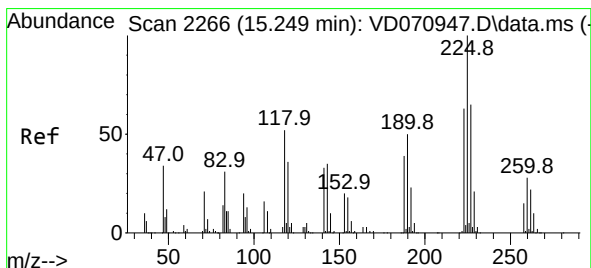
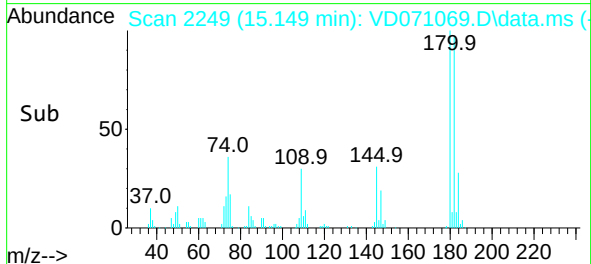
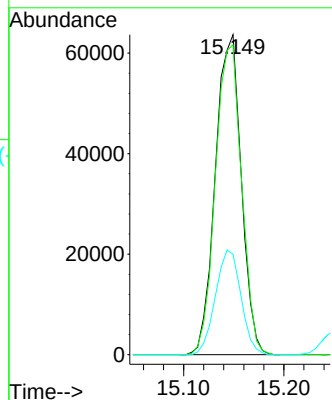
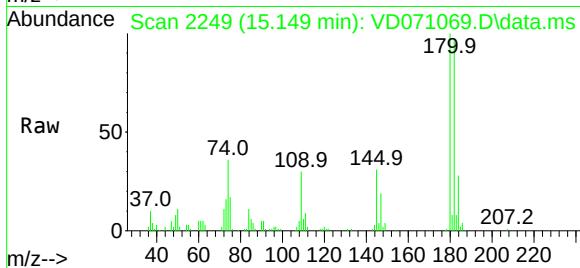
Tgt Ion:180 Resp: 114133

Ion Ratio Lower Upper

180 100

182 98.0 48.2 144.6

145 32.3 15.4 46.2



#94

Hexachlorobutadiene

Concen: 55.361 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD071069.D

Acq: 19 Nov 2021 21:04

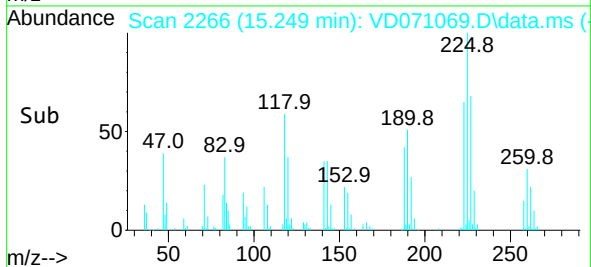
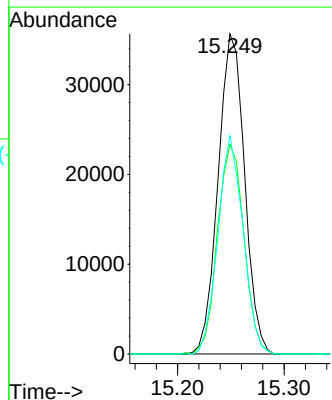
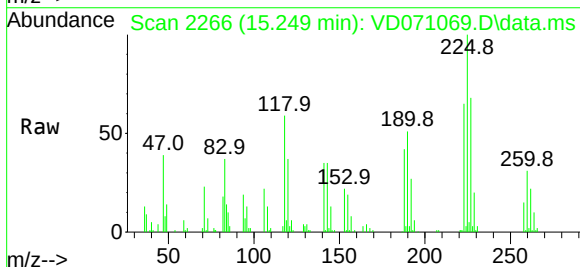
Tgt Ion:225 Resp: 61524

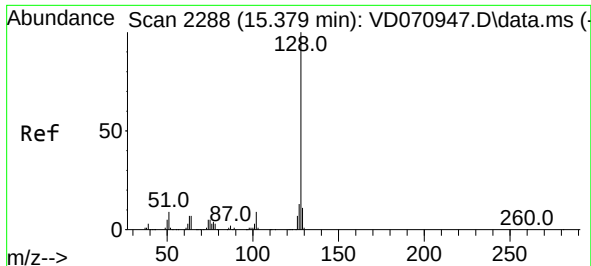
Ion Ratio Lower Upper

225 100

223 65.4 31.8 95.3

227 64.9 31.6 94.8

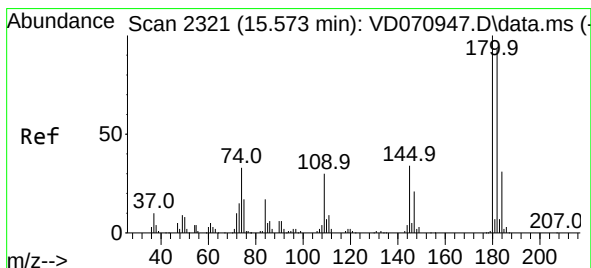
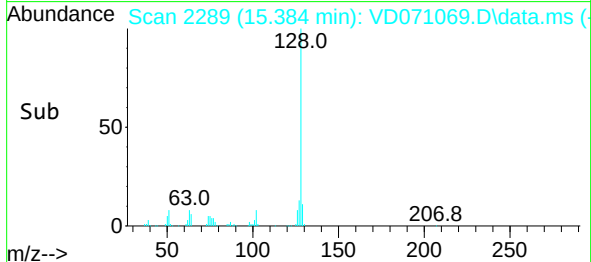
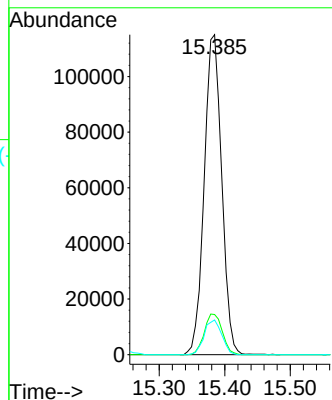
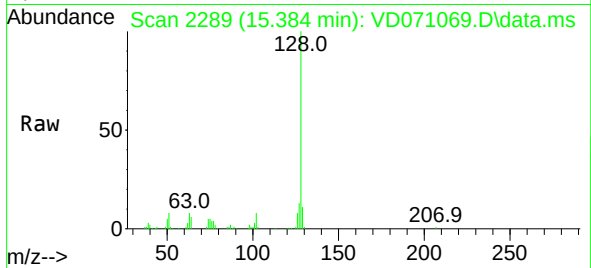




#95
Naphthalene
Concen: 50.775 ug/l
RT: 15.384 min Scan# 21
Delta R.T. 0.005 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 213637
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.593 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD071069.D
Acq: 19 Nov 2021 21:04

Tgt Ion:180 Resp: 99294
Ion Ratio Lower Upper
180 100
182 97.6 46.7 140.1
145 33.1 15.9 47.6

