

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073068.D
 Acq On : 17 May 2022 20:33
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 05:11:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	330144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	555945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	538268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	263532	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	190928	46.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.480%
35) Dibromofluoromethane	7.909	113	191970	49.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.332	98	711566	50.250	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.620	95	254850	49.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	149955	36.324	ug/l	97
3) Chloromethane	2.209	50	163763	38.479	ug/l	100
4) Vinyl Chloride	2.344	62	153436	39.200	ug/l	98
5) Bromomethane	2.756	94	107967	38.836	ug/l	95
6) Chloroethane	2.915	64	100343	41.167	ug/l	100
7) Trichlorofluoromethane	3.262	101	290682	40.582	ug/l	98
8) Diethyl Ether	3.709	74	86822	44.297	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	171401	40.409	ug/l	97
10) Methyl Iodide	4.297	142	195695	40.530	ug/l	99
11) Tert butyl alcohol	5.220	59	89717	140.488	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	165477	43.142	ug/l	88
13) Acrolein	3.921	56	73544	191.872	ug/l	100
14) Allyl chloride	4.709	41	270442	44.503	ug/l	91
15) Acrylonitrile	5.415	53	209708	223.243	ug/l	99
16) Acetone	4.150	43	150884	201.947	ug/l	90
17) Carbon Disulfide	4.403	76	539471	41.993	ug/l	99
18) Methyl Acetate	4.709	43	97437	43.386	ug/l	93
19) Methyl tert-butyl Ether	5.479	73	423246	47.184	ug/l	96
20) Methylene Chloride	4.962	84	222751	41.077	ug/l #	84
21) trans-1,2-Dichloroethene	5.473	96	203152	44.526	ug/l	85
22) Diisopropyl ether	6.362	45	608720	46.668	ug/l	90
23) Vinyl Acetate	6.297	43	1679547	238.350	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	357830	44.095	ug/l	99
25) 2-Butanone	7.203	43	256401	226.628	ug/l	96
26) 2,2-Dichloropropane	7.203	77	283873	41.319	ug/l	95
27) cis-1,2-Dichloroethene	7.209	96	223897	44.499	ug/l	91
28) Bromochloromethane	7.538	49	132469	47.655	ug/l #	82
29) Tetrahydrofuran	7.561	42	176276	242.135	ug/l	93
30) Chloroform	7.703	83	377170	43.439	ug/l	98
31) Cyclohexane	7.979	56	303320	40.786	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	317686	42.707	ug/l	97
36) 1,1-Dichloropropene	8.103	75	276106	43.412	ug/l	96
37) Ethyl Acetate	7.285	43	126436	47.335	ug/l #	96
38) Carbon Tetrachloride	8.091	117	282221	43.372	ug/l	97
39) Methylcyclohexane	9.350	83	312568	42.146	ug/l	97
40) Benzene	8.344	78	812950	44.702	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	62961	41.801	ug/l #	80
42) 1,2-Dichloroethane	8.414	62	233110	44.038	ug/l	96
43) Isopropyl Acetate	8.444	43	233554	47.030	ug/l #	94
44) Trichloroethene	9.108	130	213358	43.374	ug/l	96
45) 1,2-Dichloropropane	9.379	63	206210	43.663	ug/l	100
46) Dibromomethane	9.467	93	118300	45.301	ug/l	98
47) Bromodichloromethane	9.656	83	298678	45.032	ug/l	98
48) Methyl methacrylate	9.450	41	119705	48.596	ug/l	91
49) 1,4-Dioxane	9.456	88	26329	968.404	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	618416	238.624	ug/l	94
52) Toluene	10.397	92	525716	45.533	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	269736	44.591	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	313905	44.013	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	158578	44.489	ug/l	98
56) Ethyl methacrylate	10.650	69	199340	49.450	ug/l	88
57) 1,3-Dichloropropane	10.938	76	271573	44.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	429091	204.460	ug/l	96
59) 2-Hexanone	10.973	43	422519	246.800	ug/l	95
60) Dibromochloromethane	11.132	129	198499	44.824	ug/l	98
61) 1,2-Dibromoethane	11.238	107	154524	45.052	ug/l	98
64) Tetrachloroethene	10.867	164	172119	43.646	ug/l	95
65) Chlorobenzene	11.661	112	553322	45.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	207555	44.519	ug/l	98
67) Ethyl Benzene	11.738	91	998071	46.966	ug/l	98
68) m/p-Xylenes	11.844	106	786036	95.438	ug/l	98
69) o-Xylene	12.173	106	361151	47.550	ug/l	97
70) Styrene	12.185	104	640470	48.279	ug/l	97
71) Bromoform	12.349	173	116363	47.405	ug/l #	99
73) Isopropylbenzene	12.467	105	955103	47.813	ug/l	100
74) N-amyl acetate	12.279	43	232464	49.797	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	185609	47.132	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	231991	77.874	ug/l #	100
77) Bromobenzene	12.749	156	220888	46.345	ug/l	96
78) n-propylbenzene	12.808	91	1187162	47.326	ug/l	99
79) 2-Chlorotoluene	12.897	91	681199	46.615	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	816143	47.959	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	56483	45.462	ug/l	90
82) 4-Chlorotoluene	12.991	91	720805	46.606	ug/l	100
83) tert-Butylbenzene	13.208	119	650120	45.102	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	811531	47.933	ug/l	100
85) sec-Butylbenzene	13.385	105	1021545	46.689	ug/l	100
86) p-Isopropyltoluene	13.502	119	840705	47.238	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	444969	45.423	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	434940	44.930	ug/l	99
89) n-Butylbenzene	13.826	91	803812	46.443	ug/l	99
90) Hexachloroethane	14.096	117	167842	45.387	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	385904	45.419	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	28013	45.764	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	229522	47.346	ug/l	98
94) Hexachlorobutadiene	15.249	225	116392	43.014	ug/l	98
95) Naphthalene	15.379	128	442123	43.653	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	204342	47.478	ug/l	98

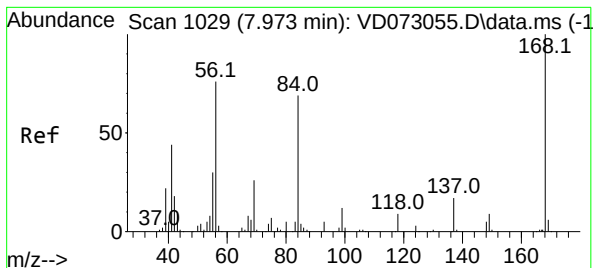
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
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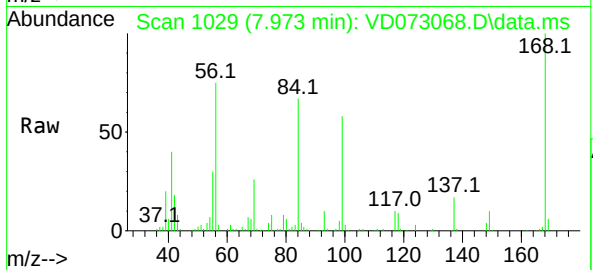
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

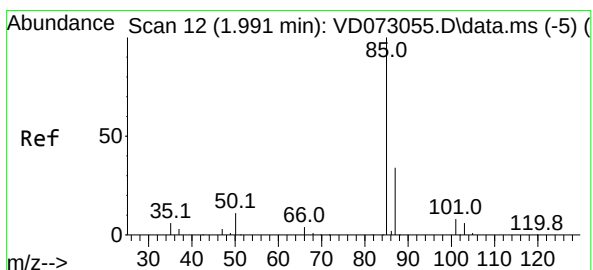
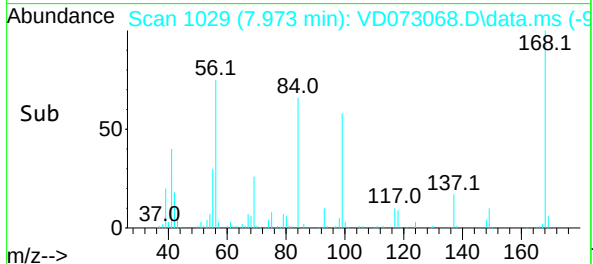
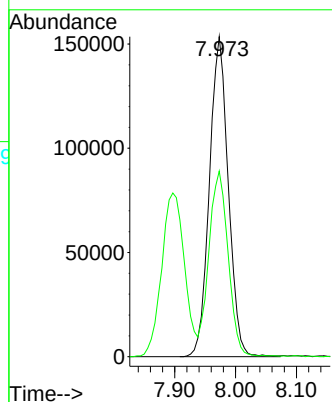


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073068.D
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ClientSampleId :

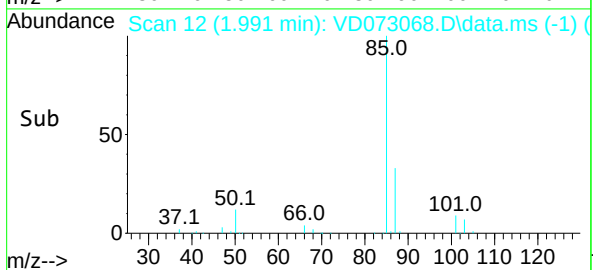
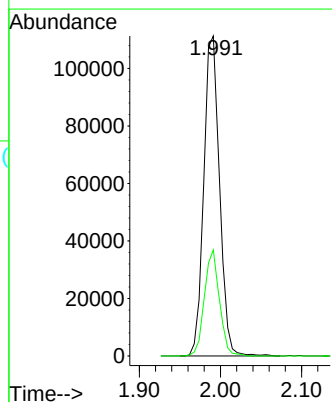
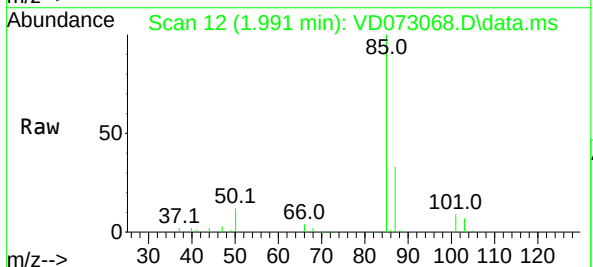


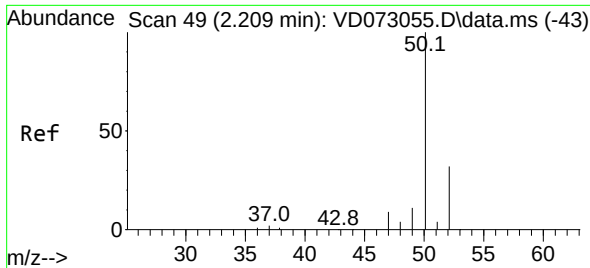
Tgt Ion:168 Resp: 330144
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 36.324 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 85 Resp: 149955
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

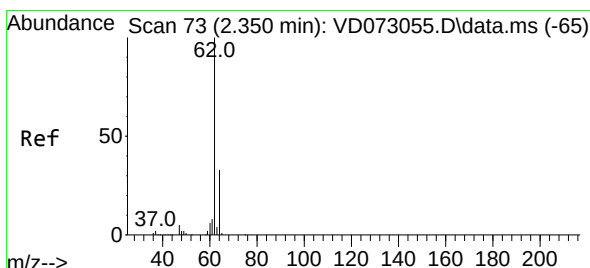
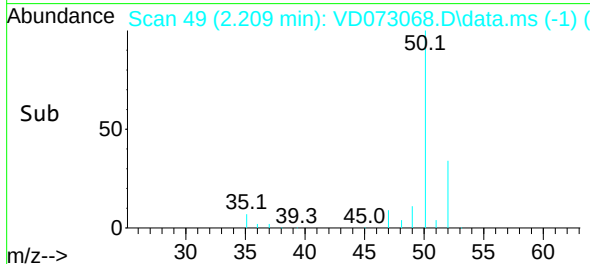
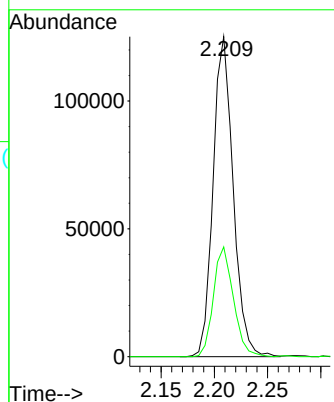
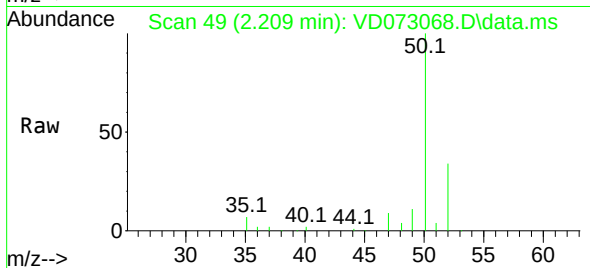




#3
Chloromethane
Concen: 38.479 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

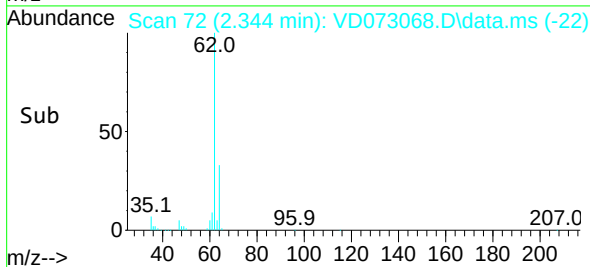
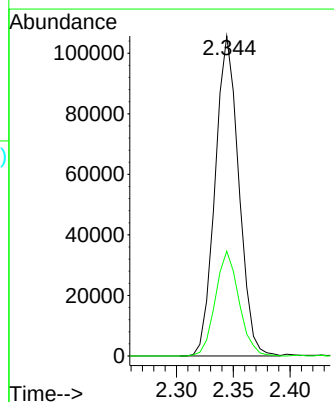
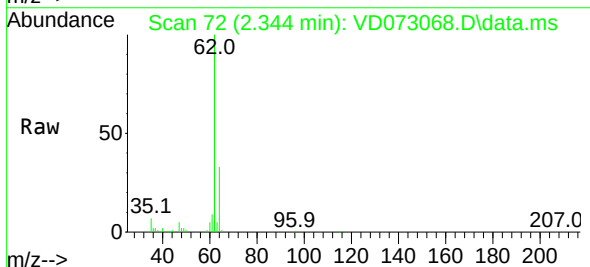
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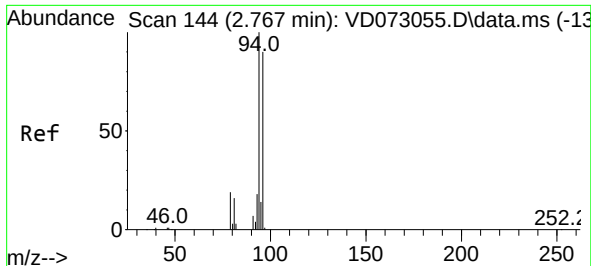
Tgt Ion: 50 Resp: 163763
Ion Ratio Lower Upper
50 100
52 34.3 27.4 41.0



#4
Vinyl Chloride
Concen: 39.200 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 62 Resp: 153436
Ion Ratio Lower Upper
62 100
64 32.8 25.4 38.0

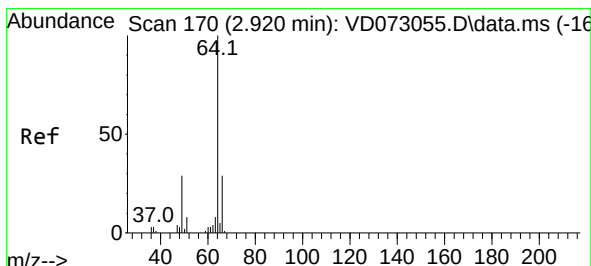
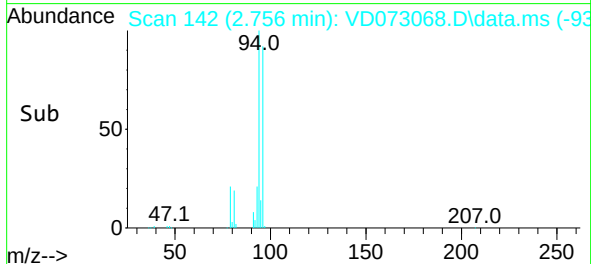
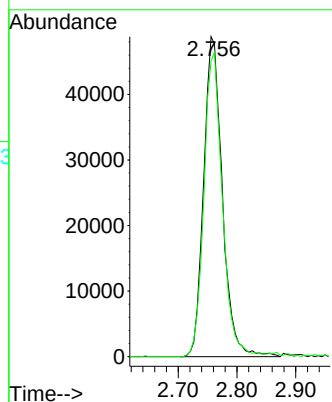
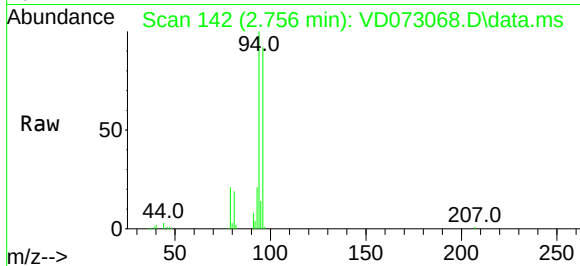




#5
Bromomethane
Concen: 38.836 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

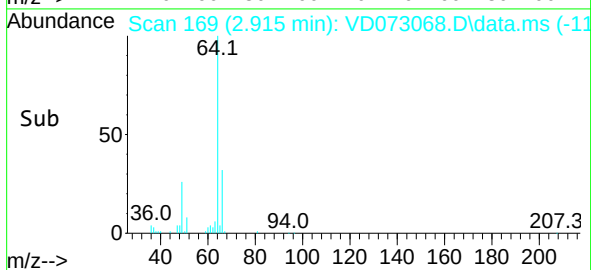
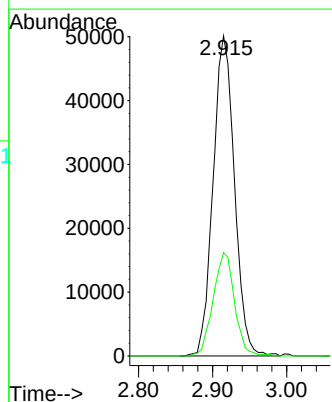
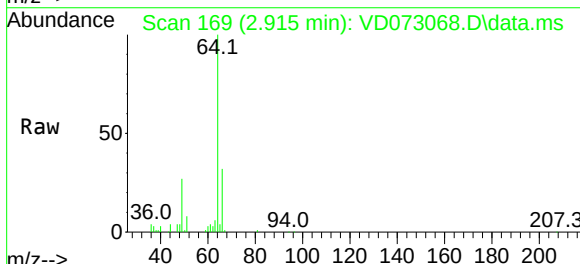
Instrument :
MSVOA_D
ClientSampleId :

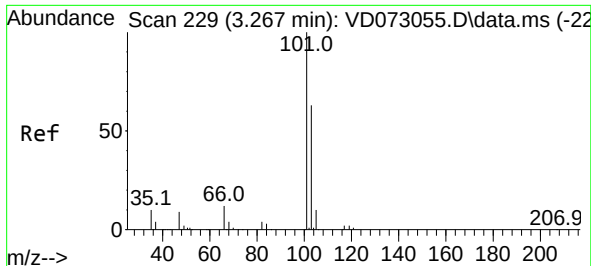
Tgt Ion: 94 Resp: 107967
Ion Ratio Lower Upper
94 100
96 92.4 77.6 116.4



#6
Chloroethane
Concen: 41.167 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

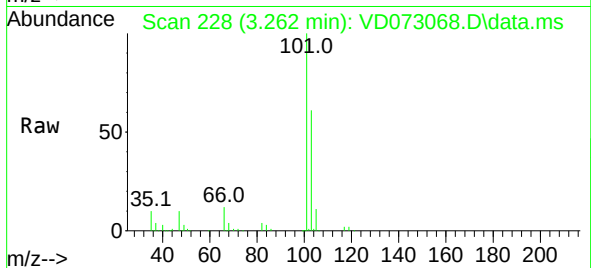
Tgt Ion: 64 Resp: 100343
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9



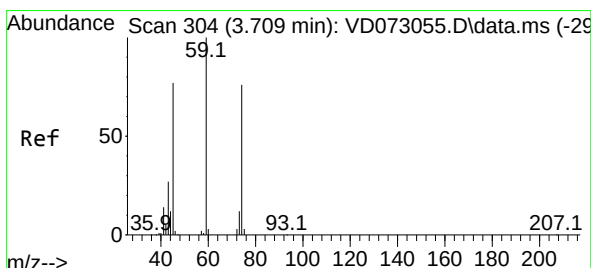
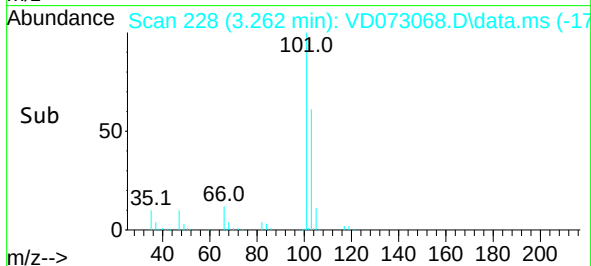
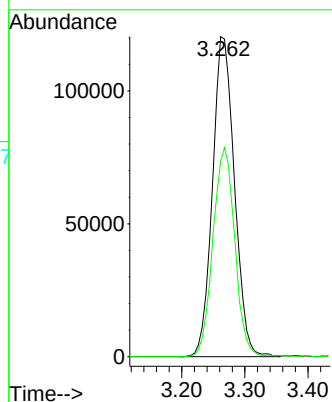


#7
 Trichlorofluoromethane
 Concen: 40.582 ug/l
 RT: 3.262 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073068.D
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Instrument :
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 ClientSampleId :

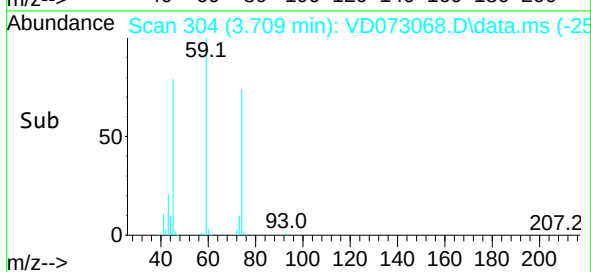
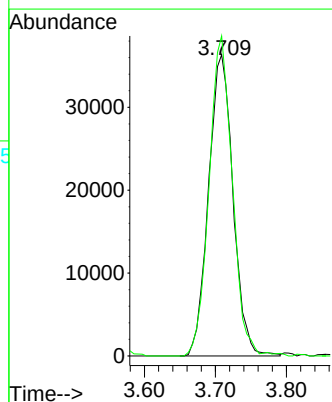
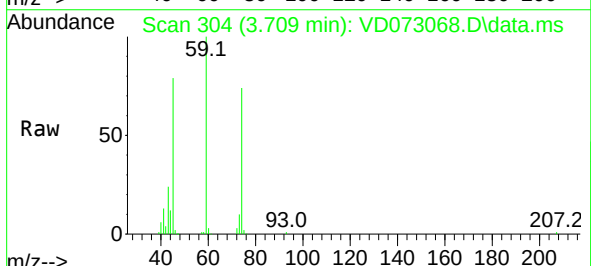


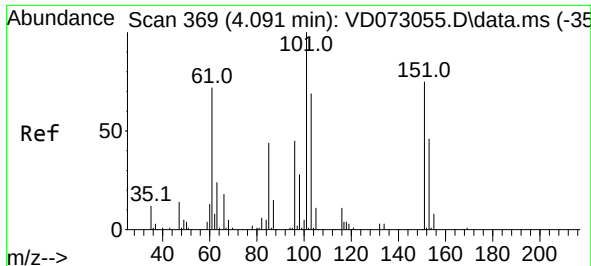
Tgt Ion:101 Resp: 290682
 Ion Ratio Lower Upper
 101 100
 103 61.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 44.297 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073068.D
 Acq: 17 May 2022 20:33

Tgt Ion: 74 Resp: 86822
 Ion Ratio Lower Upper
 74 100
 45 100.5 52.6 157.8

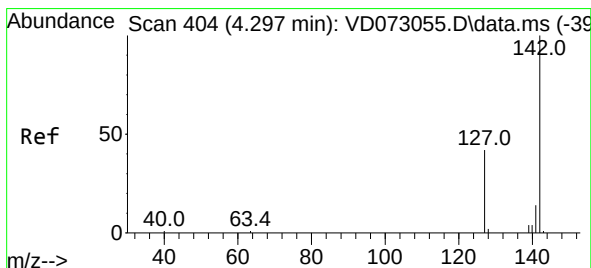
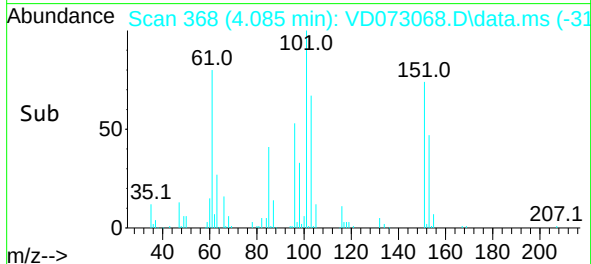
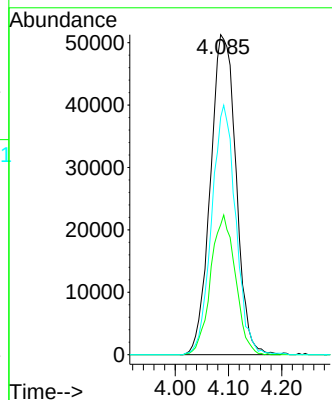
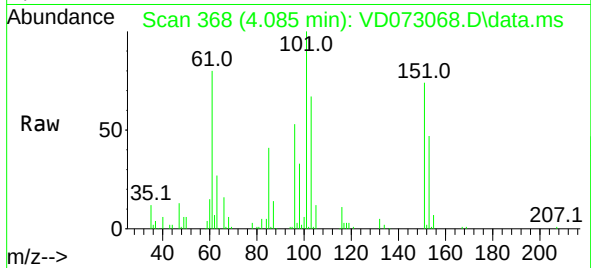




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.409 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD073068.D
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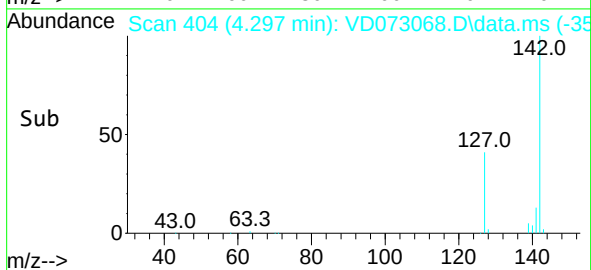
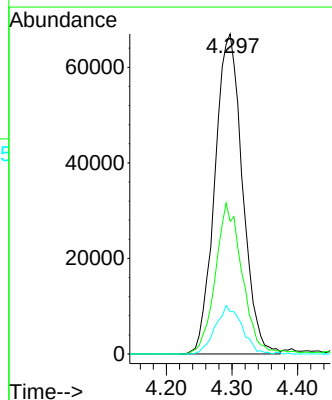
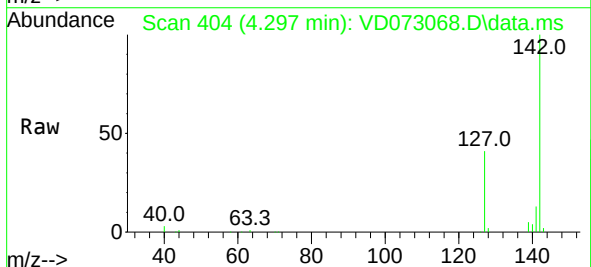
Instrument :
MSVOA_D
ClientSampleId :

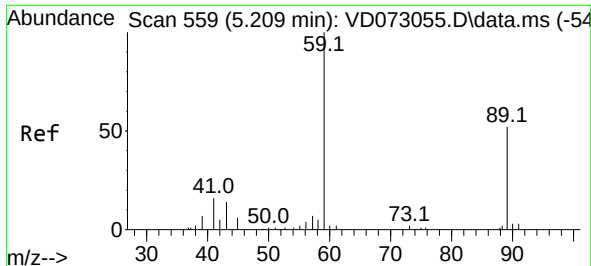
Tgt Ion:101 Resp: 171401
Ion Ratio Lower Upper
101 100
85 42.0 36.4 54.6
151 73.1 57.3 85.9



#10
Methyl Iodide
Concen: 40.530 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:142 Resp: 195695
Ion Ratio Lower Upper
142 100
127 46.0 37.3 55.9
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 140.488 ug/l

RT: 5.220 min Scan# 5

Delta R.T. 0.011 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

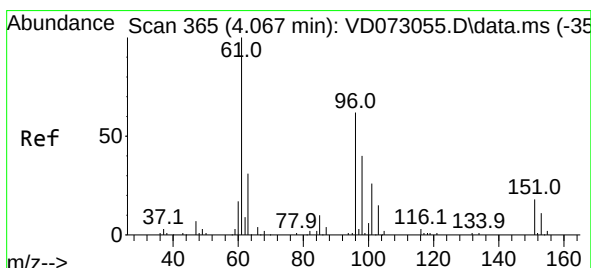
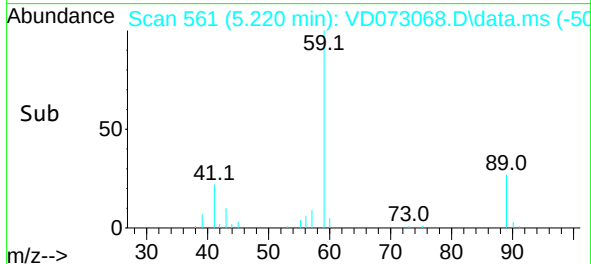
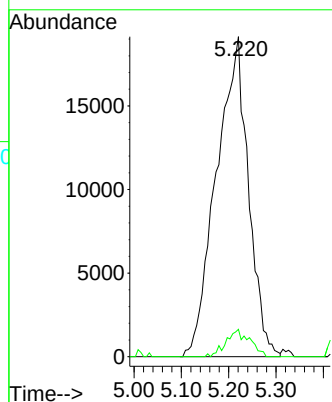
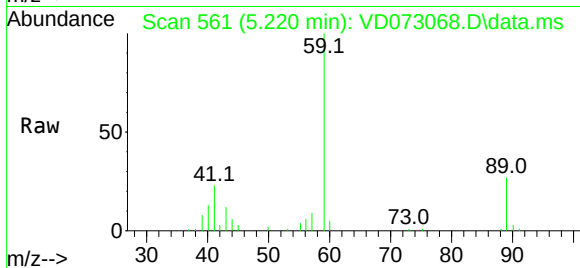
ClientSampleId :

Tgt Ion: 59 Resp: 89717

Ion Ratio Lower Upper

59 100

57 6.3 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 43.142 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

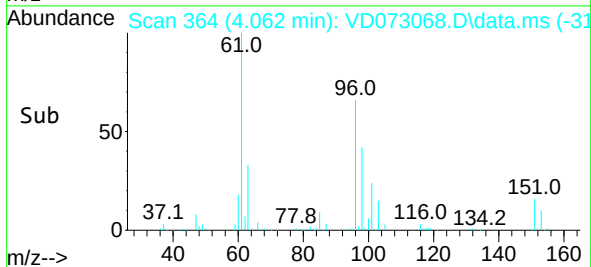
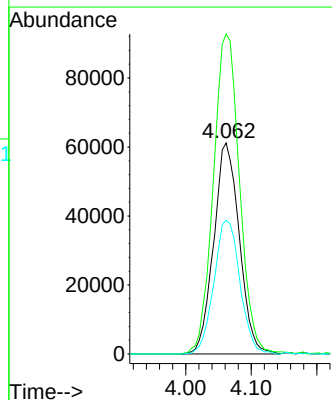
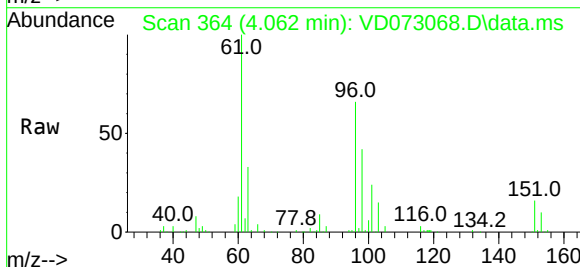
Tgt Ion: 96 Resp: 165477

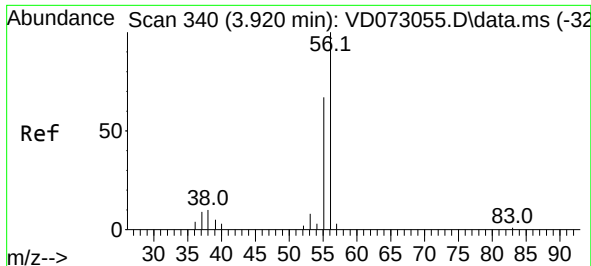
Ion Ratio Lower Upper

96 100

61 151.7 138.5 207.7

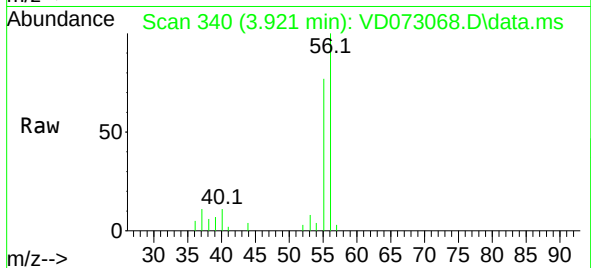
98 63.4 48.6 73.0



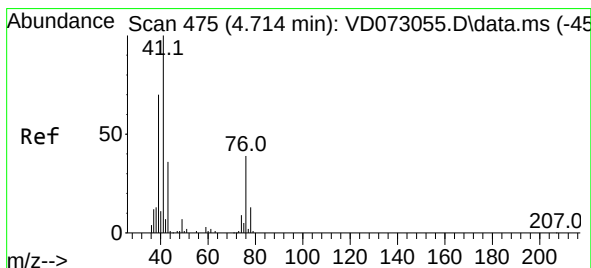
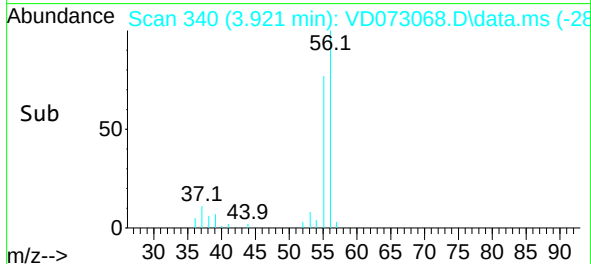
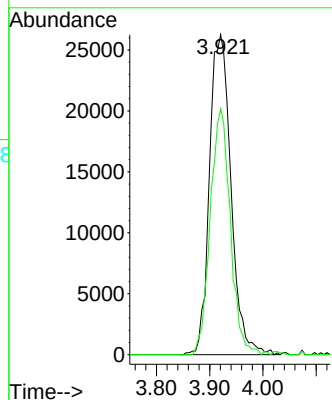


#13
Acrolein
Concen: 191.872 ug/l
RT: 3.921 min Scan# 34
Delta R.T. 0.001 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :

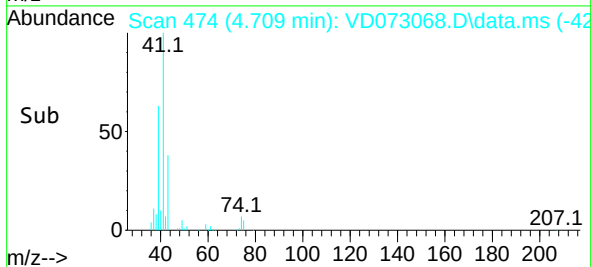
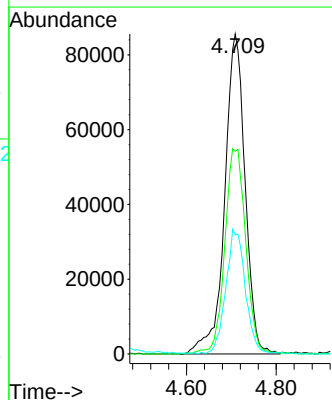
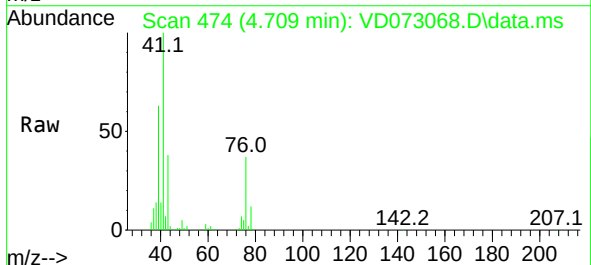


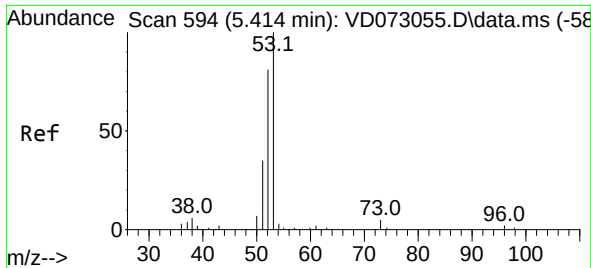
Tgt Ion: 56 Resp: 73544
Ion Ratio Lower Upper
56 100
55 71.7 57.1 85.7



#14
Allyl chloride
Concen: 44.503 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 41 Resp: 270442
Ion Ratio Lower Upper
41 100
39 66.3 59.3 88.9
76 37.4 25.7 38.5

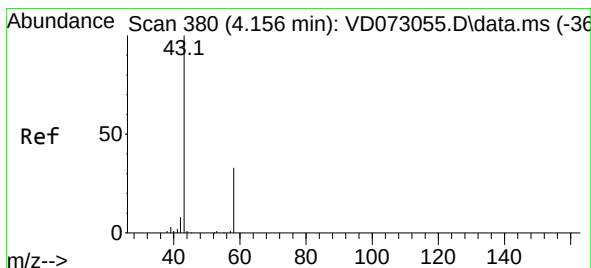
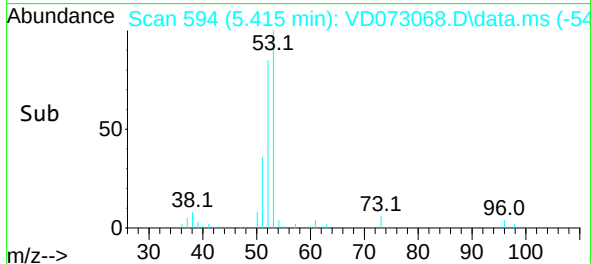
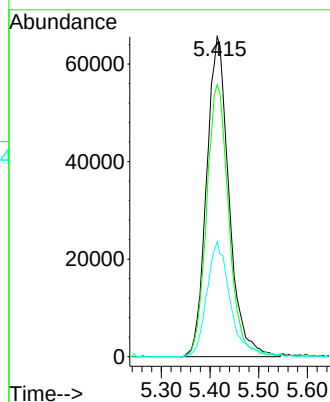
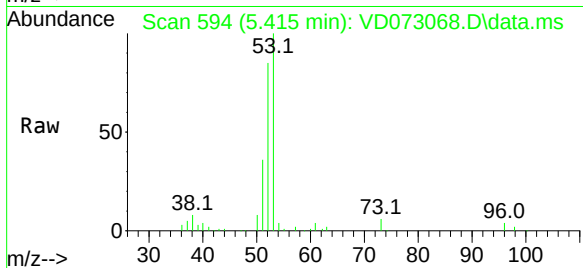




#15
Acrylonitrile
Concen: 223.243 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

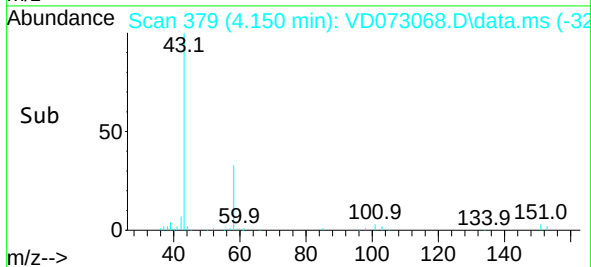
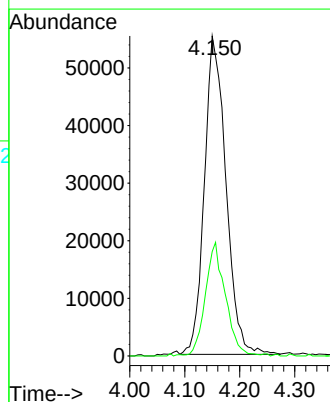
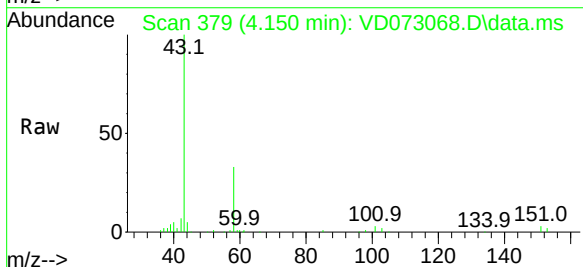
Instrument :
MSVOA_D
ClientSampleId :

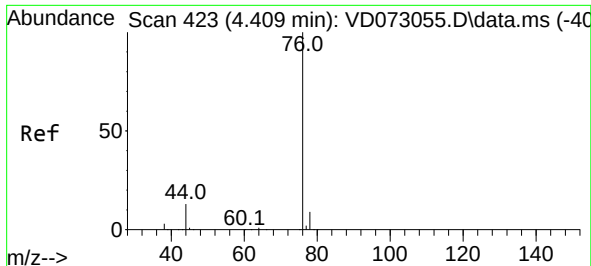
Tgt Ion: 53 Resp: 209708
Ion Ratio Lower Upper
53 100
52 83.4 67.2 100.8
51 37.7 30.3 45.5



#16
Acetone
Concen: 201.947 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 43 Resp: 150884
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1

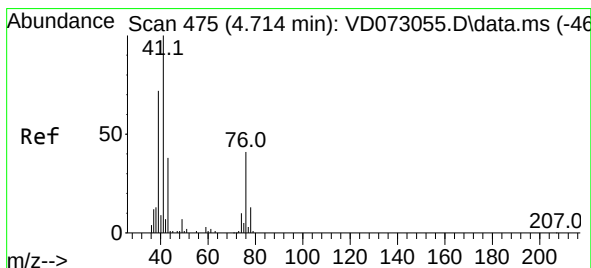
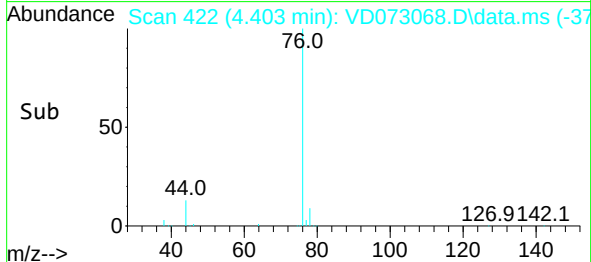
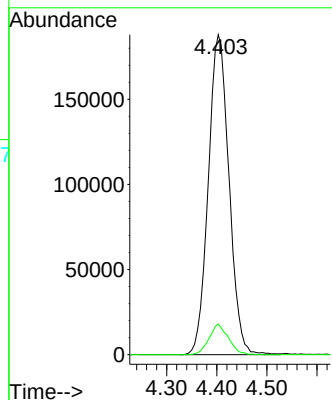
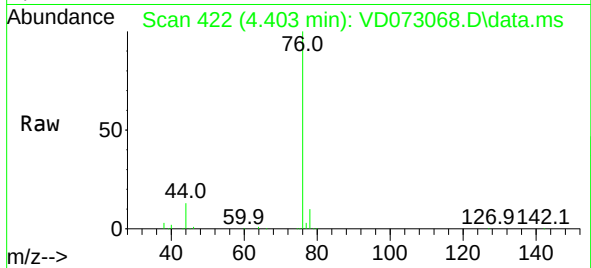




#17
Carbon Disulfide
Concen: 41.993 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

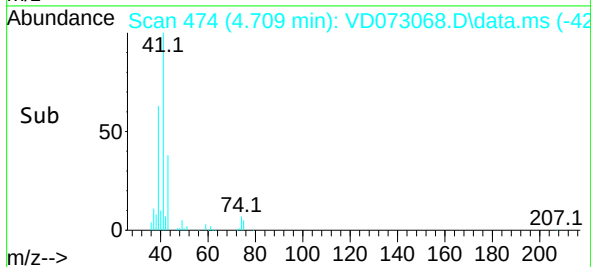
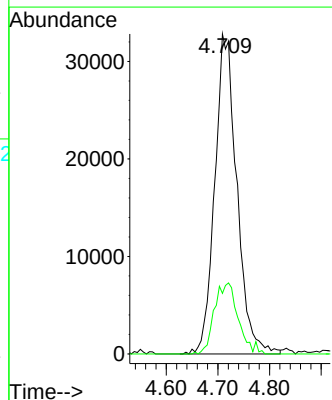
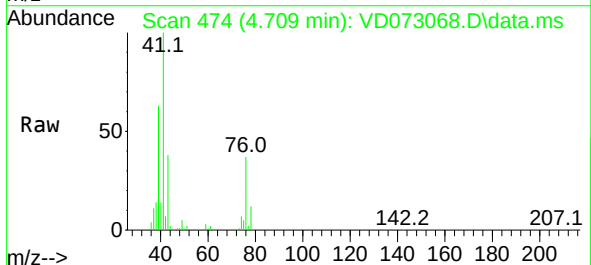
Instrument :
MSVOA_D
ClientSampleId :

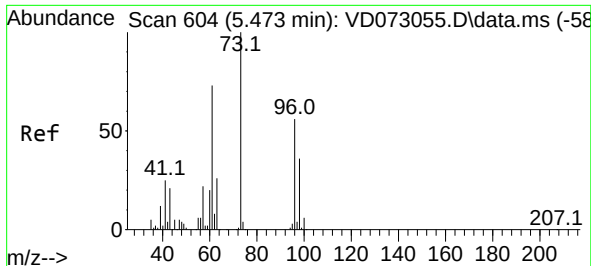
Tgt Ion: 76 Resp: 539471
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 43.386 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.005 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 43 Resp: 97437
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 47.184 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

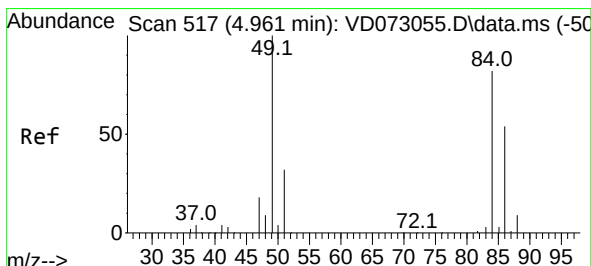
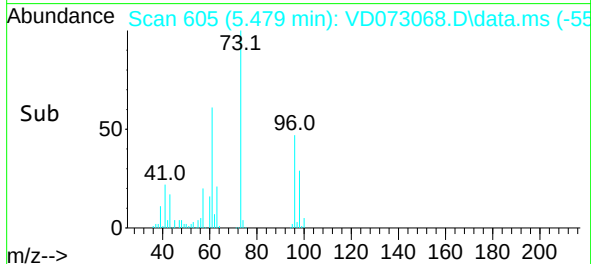
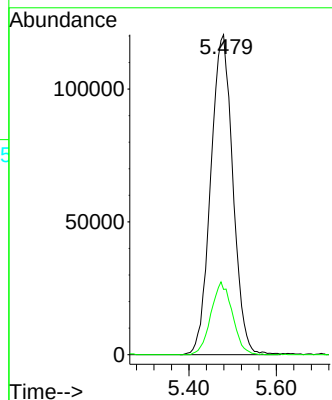
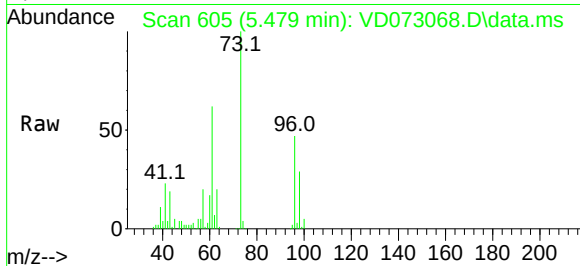
ClientSampleId :

Tgt Ion: 73 Resp: 423246

Ion Ratio Lower Upper

73 100

57 20.4 18.0 27.0



#20

Methylene Chloride

Concen: 41.077 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Tgt Ion: 84 Resp: 222751

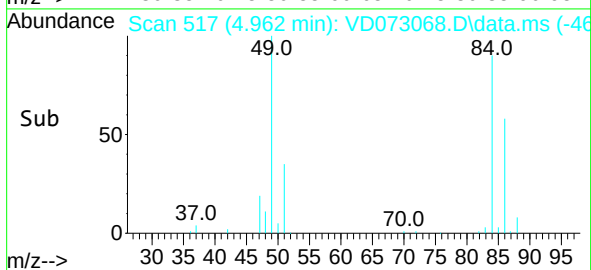
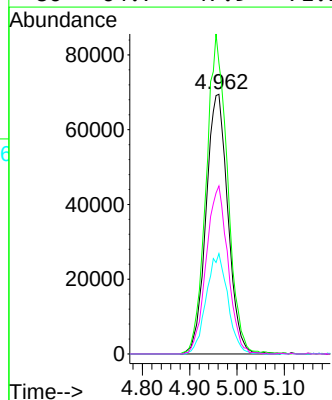
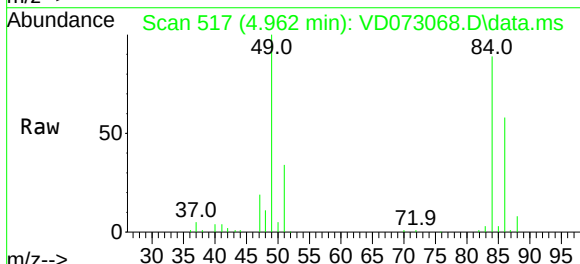
Ion Ratio Lower Upper

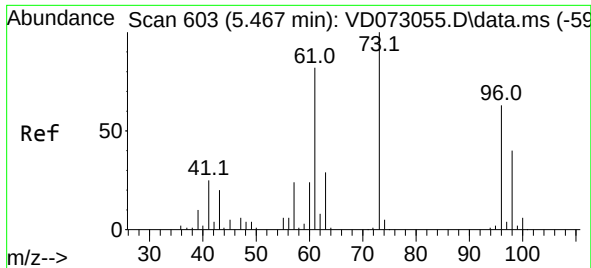
84 100

49 112.1 112.8 169.2#

51 38.7 32.6 48.8

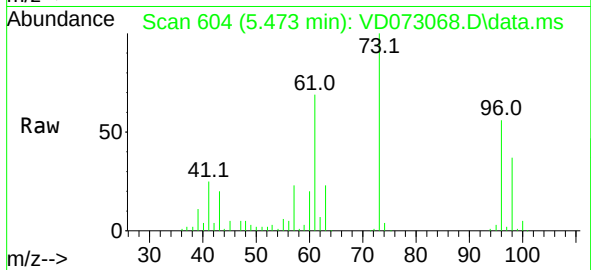
86 64.7 47.9 71.9



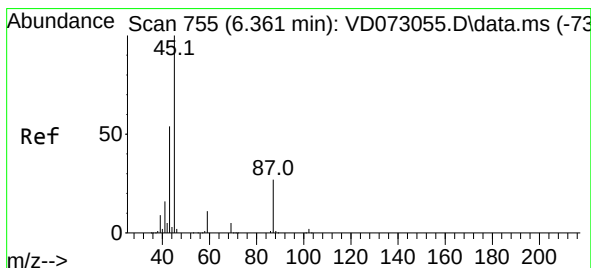
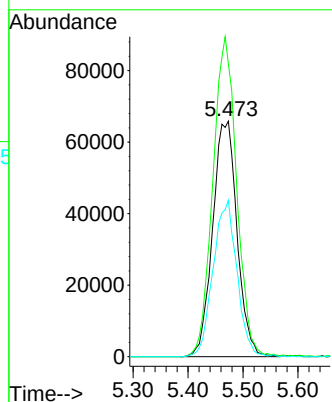
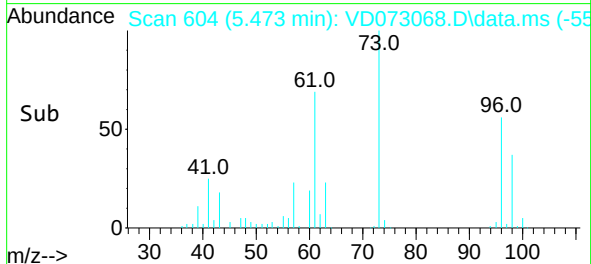


#21
trans-1,2-Dichloroethene
Concen: 44.526 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :

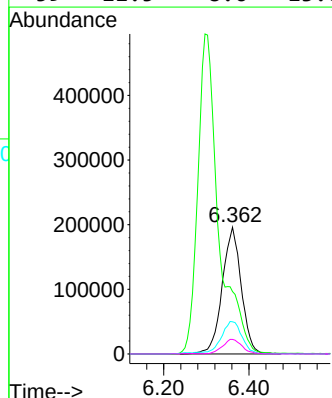
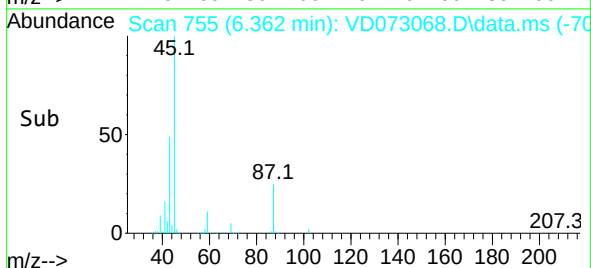
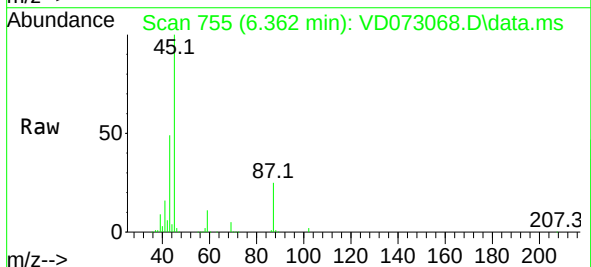


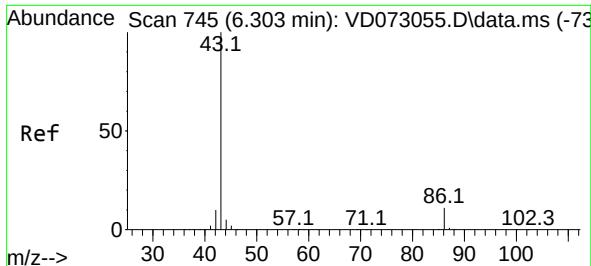
Tgt Ion: 96 Resp: 203152
Ion Ratio Lower Upper
96 100
61 124.5 117.9 176.9
98 66.4 49.4 74.2



#22
Diisopropyl ether
Concen: 46.668 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 45 Resp: 608720
Ion Ratio Lower Upper
45 100
43 48.7 46.6 70.0
87 25.3 18.4 27.6
59 11.5 8.6 13.0

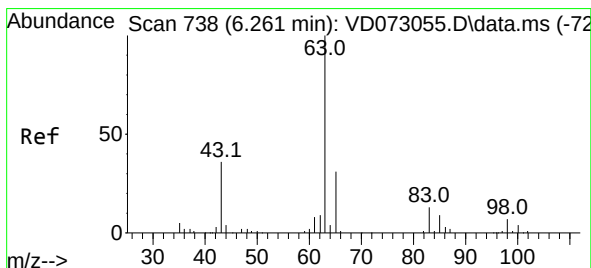
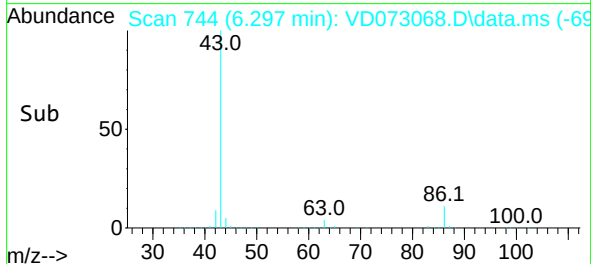
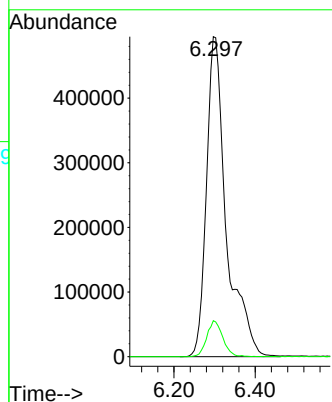
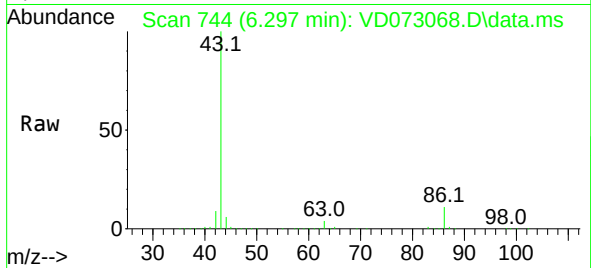




#23
 Vinyl Acetate
 Concen: 238.350 ug/l
 RT: 6.297 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD073068.D
 Acq: 17 May 2022 20:33

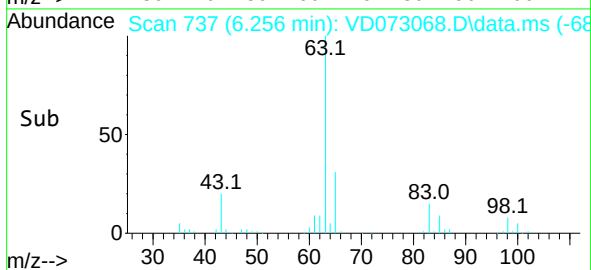
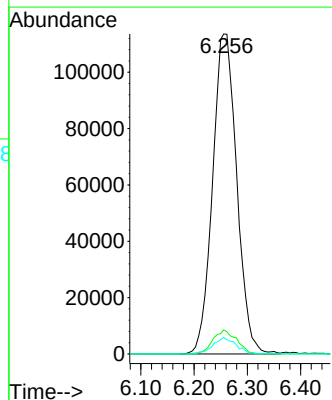
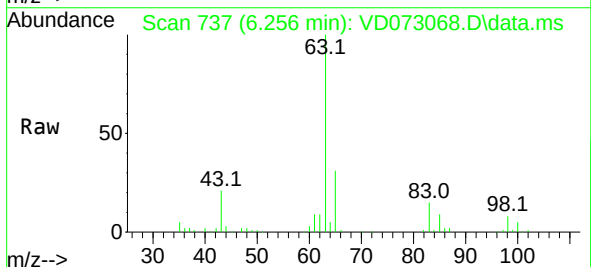
Instrument :
 MSVOA_D
 ClientSampleId :

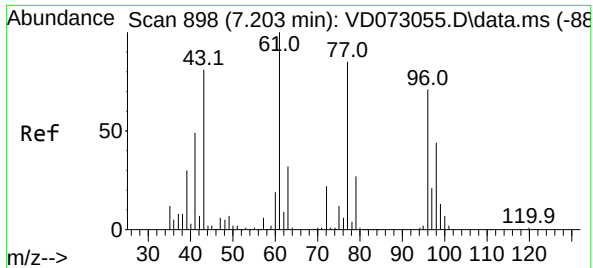
Tgt Ion: 43 Resp: 1679547
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 44.095 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073068.D
 Acq: 17 May 2022 20:33

Tgt Ion: 63 Resp: 357830
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 5.1 2.1 6.5

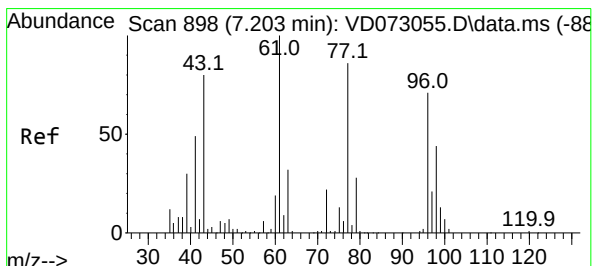
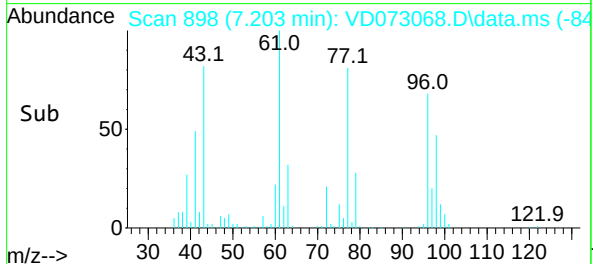
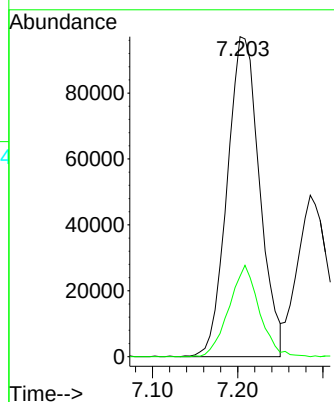
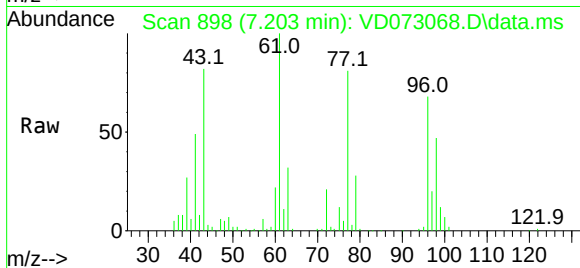




#25
2-Butanone
Concen: 226.628 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

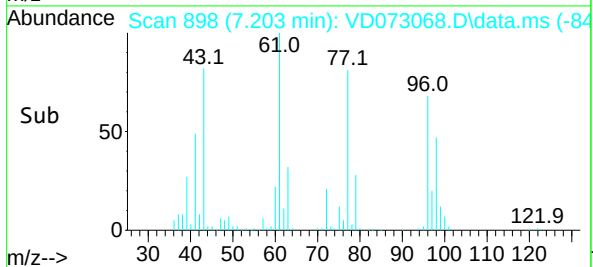
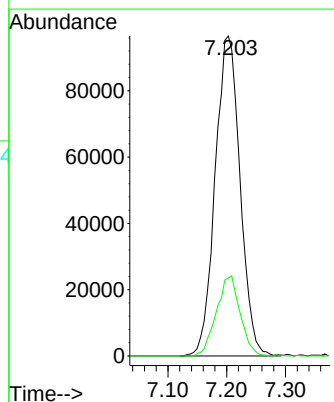
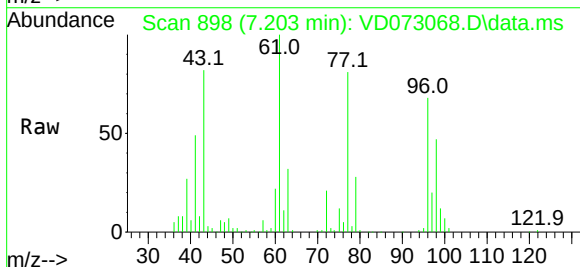
Instrument :
MSVOA_D
ClientSampleId :

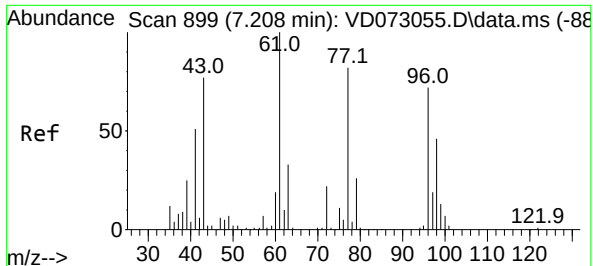
Tgt Ion: 43 Resp: 256401
Ion Ratio Lower Upper
43 100
72 25.2 18.6 27.8



#26
2,2-Dichloropropane
Concen: 41.319 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 77 Resp: 283873
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 44.499 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

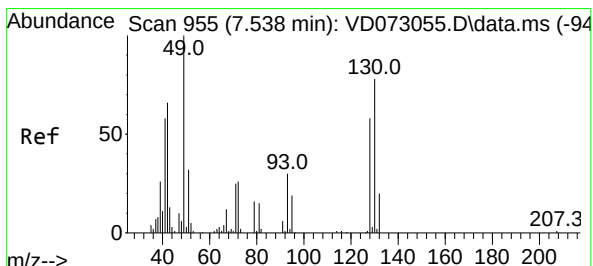
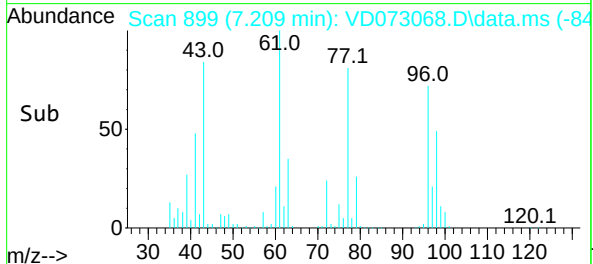
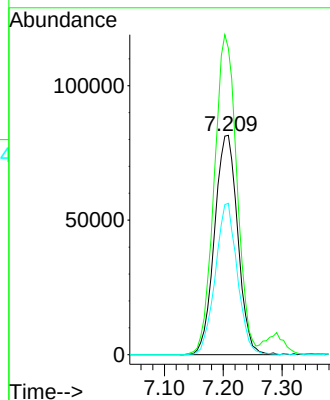
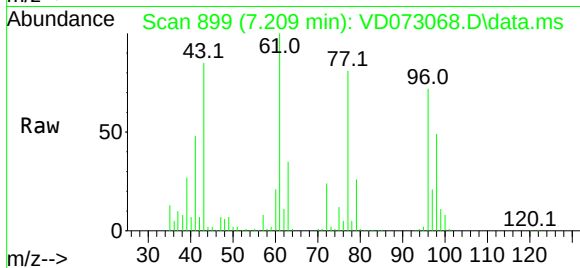
Tgt Ion: 96 Resp: 223897

Ion Ratio Lower Upper

96 100

61 141.9 0.0 313.8

98 65.5 0.0 128.8



#28

Bromochloromethane

Concen: 47.655 ug/l

RT: 7.538 min Scan# 955

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

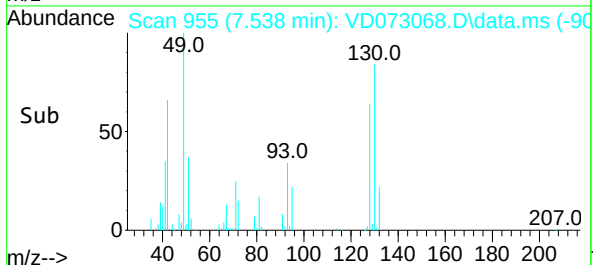
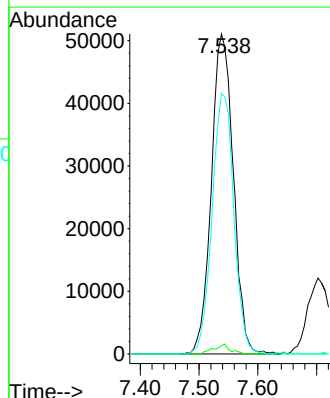
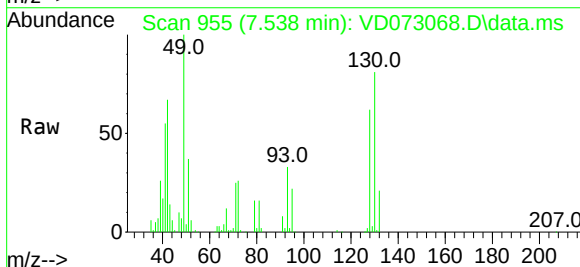
Tgt Ion: 49 Resp: 132469

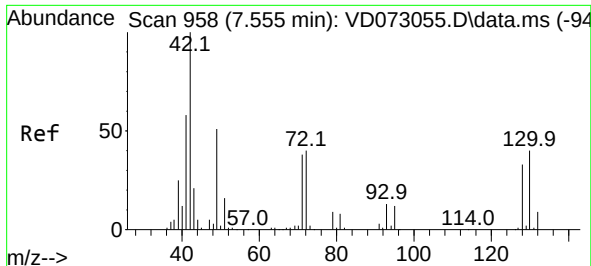
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 80.6 52.6 79.0#





#29

Tetrahydrofuran

Concen: 242.135 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

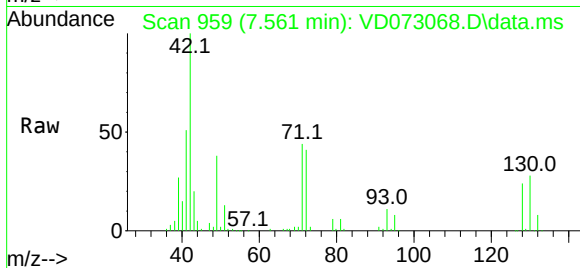
Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :



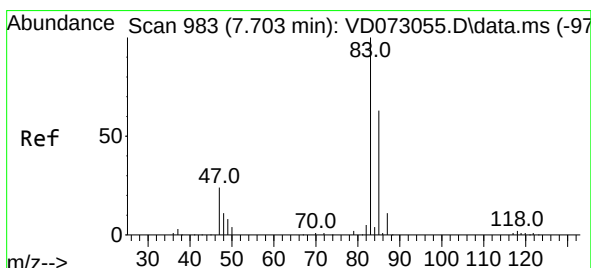
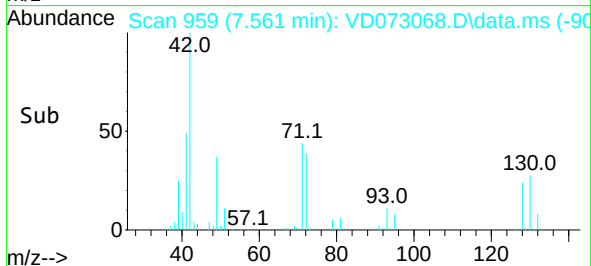
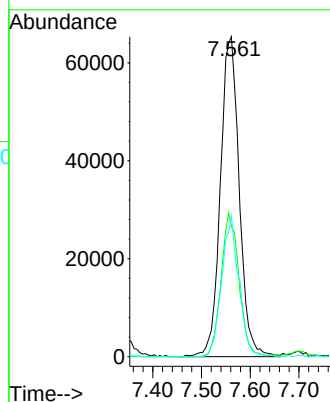
Tgt Ion: 42 Resp: 176276

Ion Ratio Lower Upper

42 100

72 42.6 30.7 46.1

71 40.3 28.6 43.0



#30

Chloroform

Concen: 43.439 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073068.D

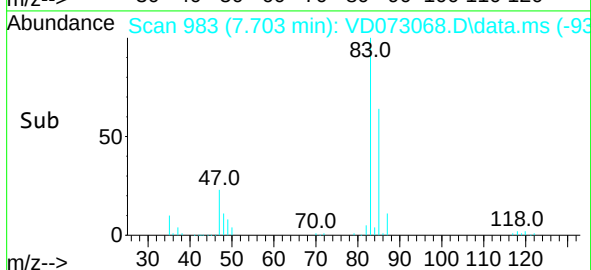
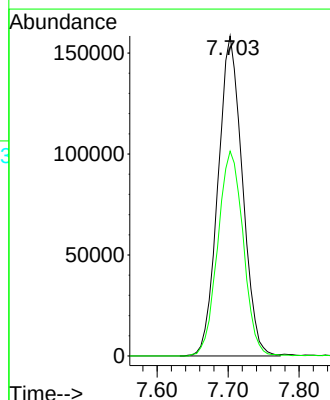
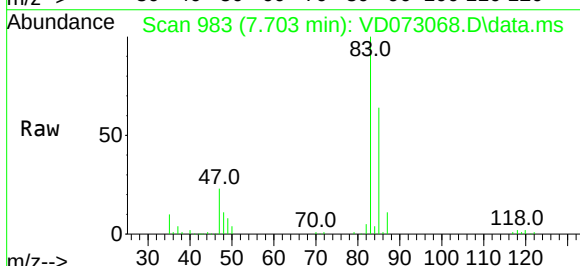
Acq: 17 May 2022 20:33

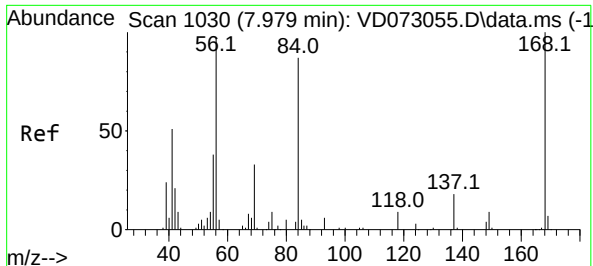
Tgt Ion: 83 Resp: 377170

Ion Ratio Lower Upper

83 100

85 64.0 52.7 79.1





#31

Cyclohexane

Concen: 40.786 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

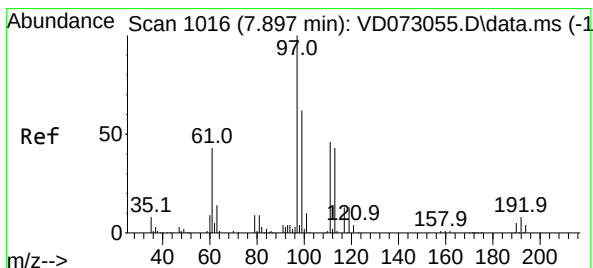
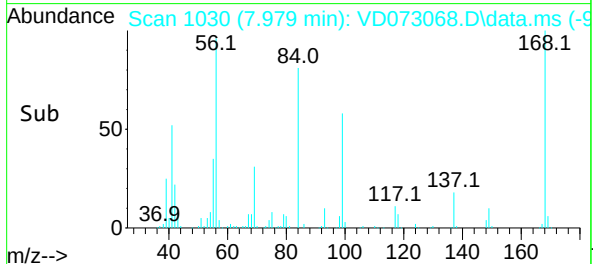
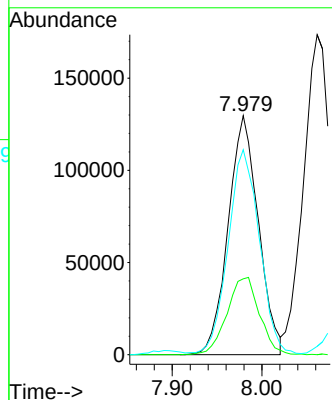
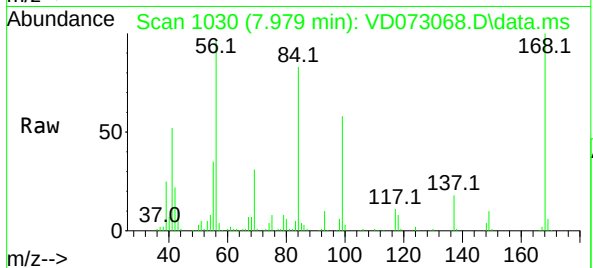
Tgt Ion: 56 Resp: 303320

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 84.5 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 42.707 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

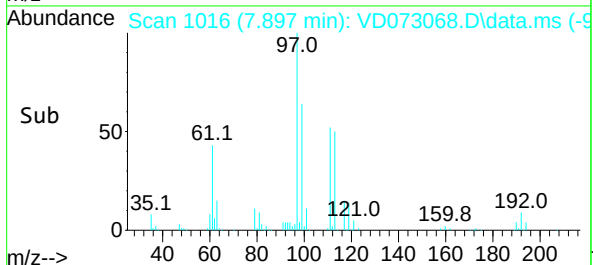
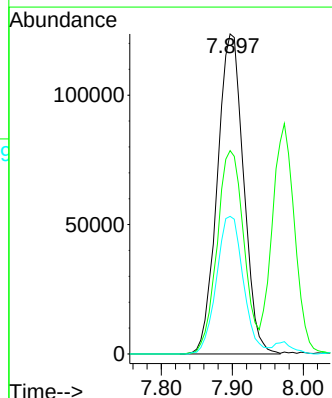
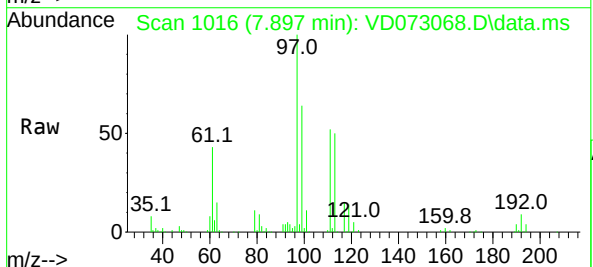
Tgt Ion: 97 Resp: 317686

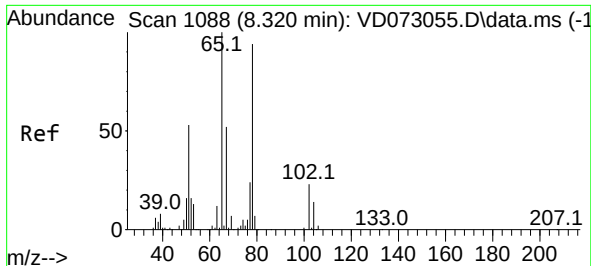
Ion Ratio Lower Upper

97 100

99 65.0 52.4 78.6

61 43.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 46.244 ug/l

RT: 8.320 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

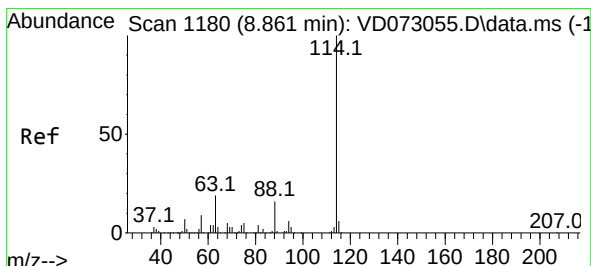
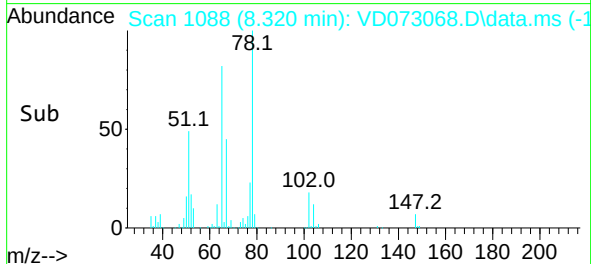
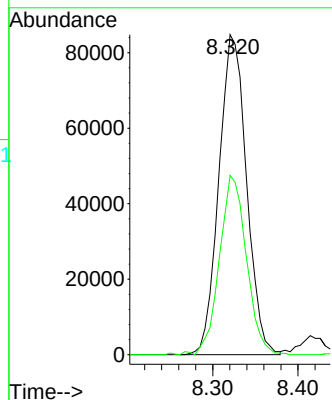
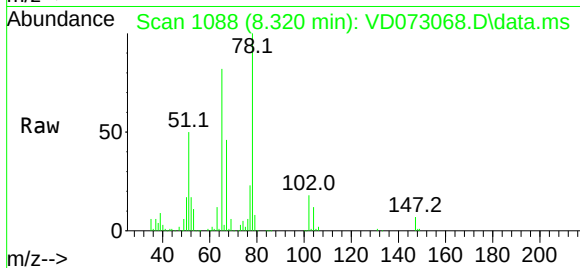
ClientSampleId :

Tgt Ion: 65 Resp: 190928

Ion Ratio Lower Upper

65 100

67 54.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

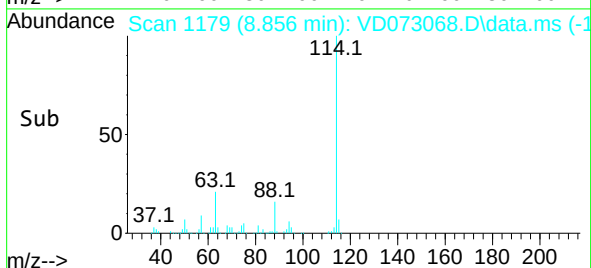
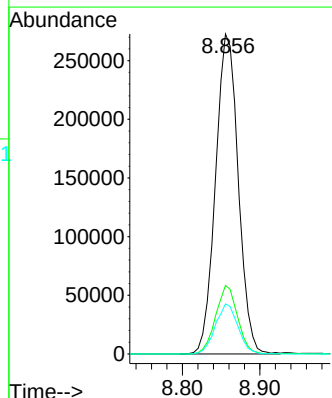
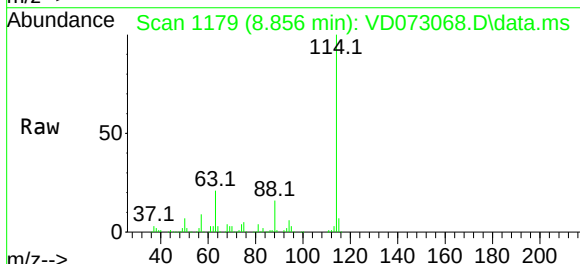
Tgt Ion: 114 Resp: 555945

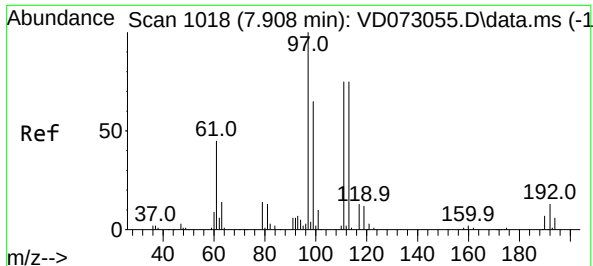
Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.181 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

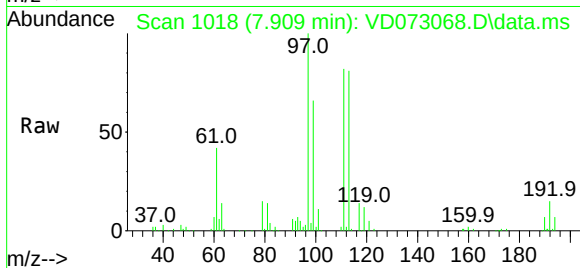
Lab File: VD073068.D

Acq: 17 May 2022 20:33

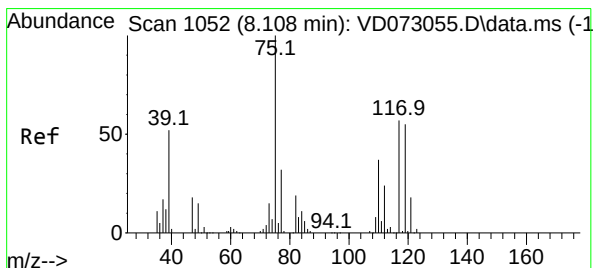
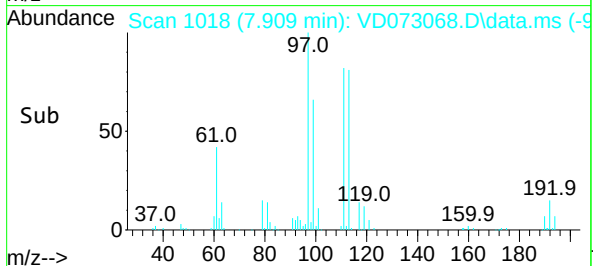
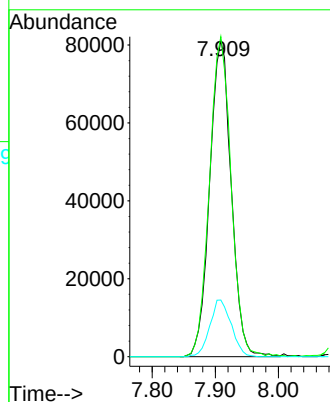
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	191970
Ion Ratio	Lower	Upper	
113	100		
111	101.7	83.8	125.6
192	17.8	14.6	21.8



#36

1,1-Dichloropropene

Concen: 43.412 ug/l

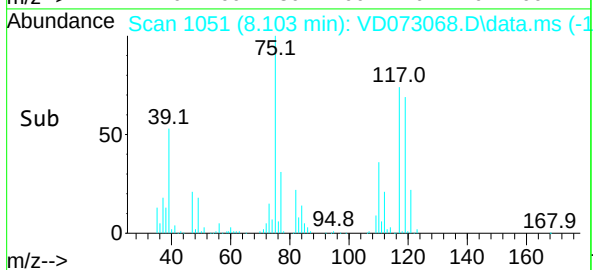
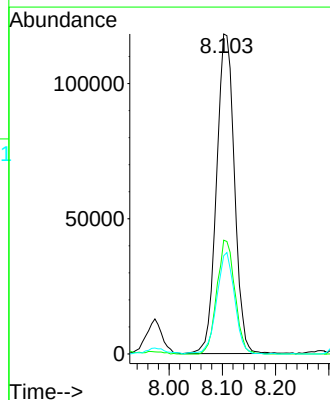
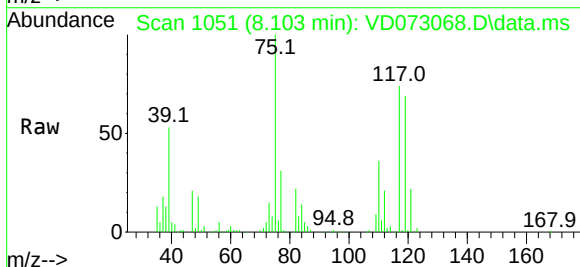
RT: 8.103 min Scan# 1051

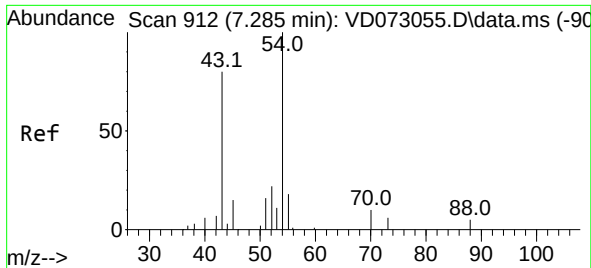
Delta R.T. -0.006 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Tgt Ion:	75	Resp:	276106
Ion Ratio	Lower	Upper	
75	100		
110	35.6	16.4	49.1
77	31.8	24.2	36.2





#37

Ethyl Acetate

Concen: 47.335 ug/l

RT: 7.285 min Scan# 912

Delta R.T. 0.000 min

Lab File: VD073068.D

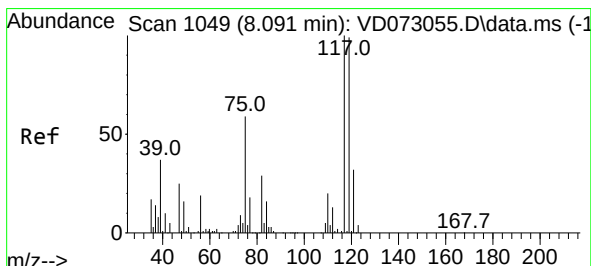
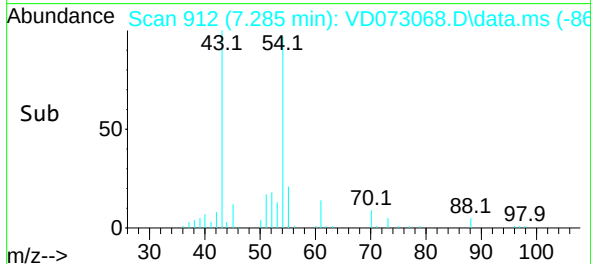
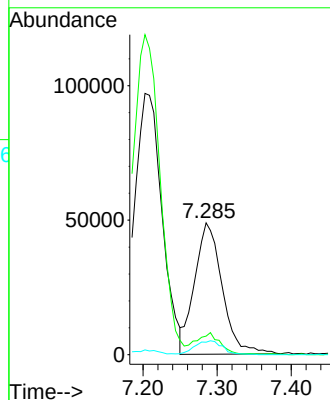
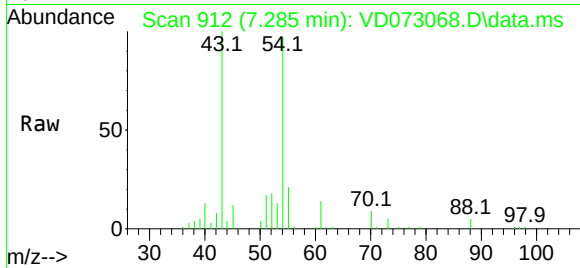
Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 126436
Ion Ratio	Lower Upper
43	100
61	13.2 9.8 14.8
70	10.7 6.9 10.3



#38

Carbon Tetrachloride

Concen: 43.372 ug/l

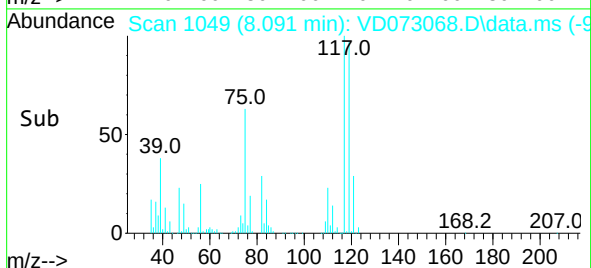
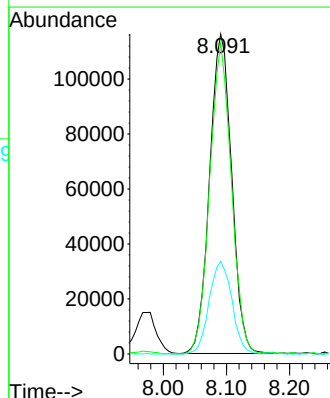
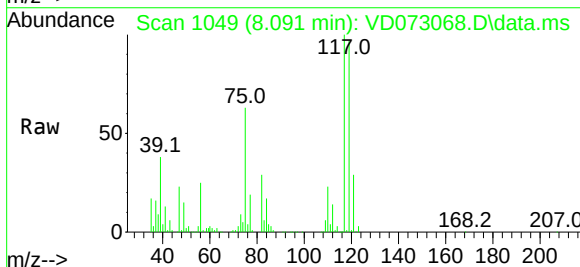
RT: 8.091 min Scan# 1049

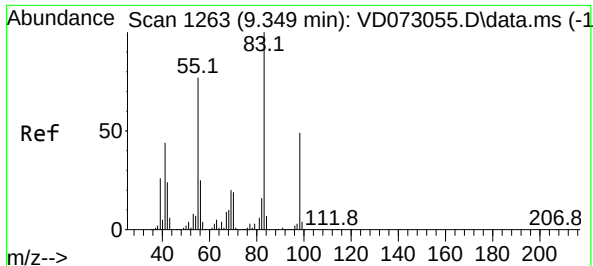
Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Tgt Ion: 117	Resp: 282221
Ion Ratio	Lower Upper
117	100
119	97.3 75.8 113.6
121	29.0 24.5 36.7





#39

Methylcyclohexane

Concen: 42.146 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

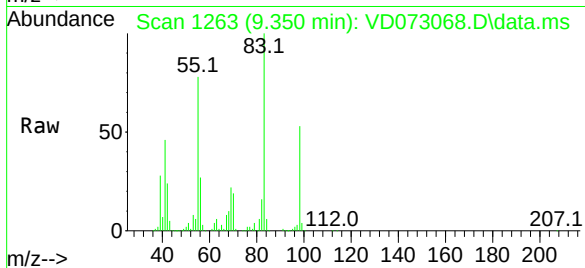
Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :



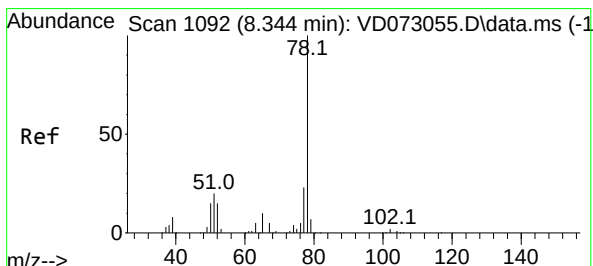
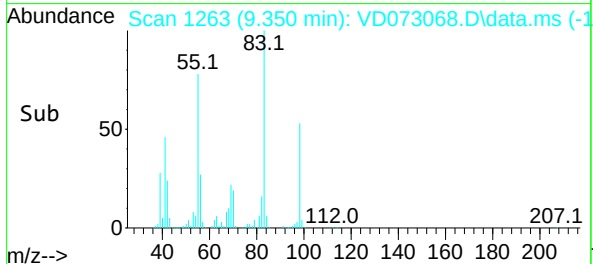
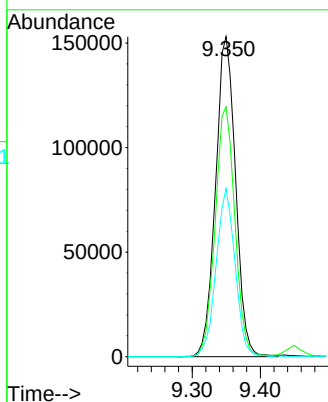
Tgt Ion: 83 Resp: 312568

Ion Ratio Lower Upper

83 100

55 78.0 63.2 94.8

98 52.5 38.2 57.4



#40

Benzene

Concen: 44.702 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073068.D

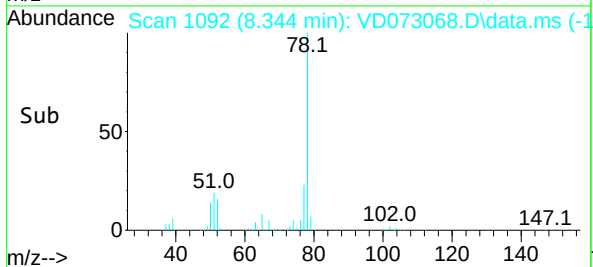
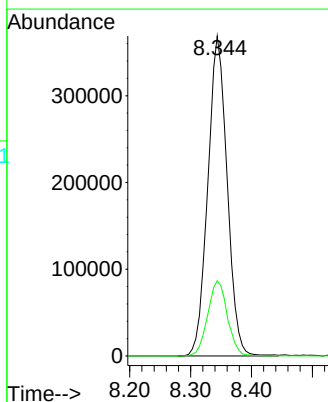
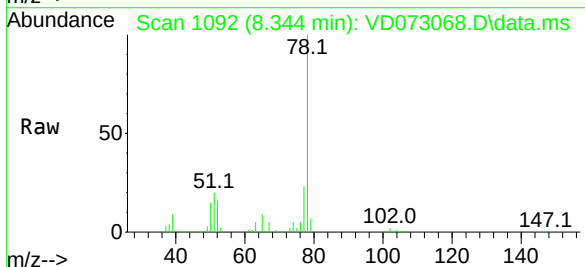
Acq: 17 May 2022 20:33

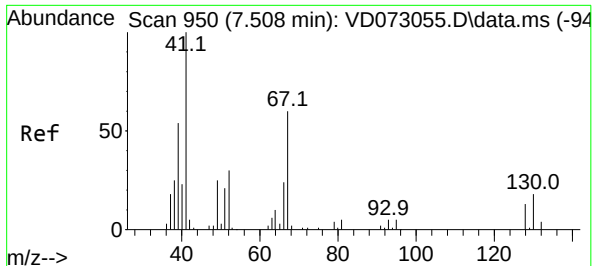
Tgt Ion: 78 Resp: 812950

Ion Ratio Lower Upper

78 100

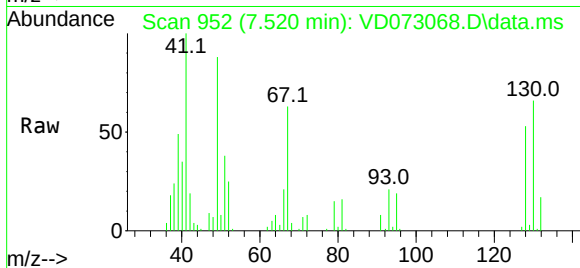
77 23.5 19.1 28.7



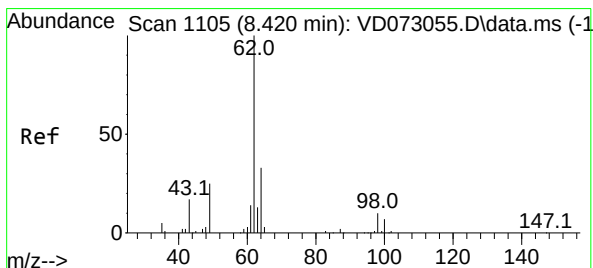
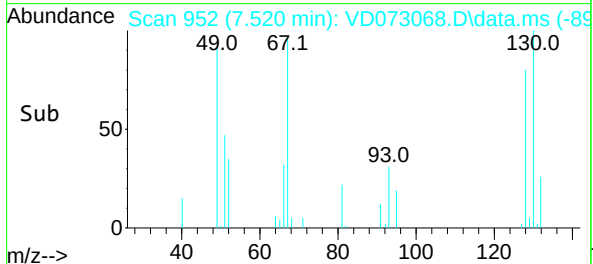
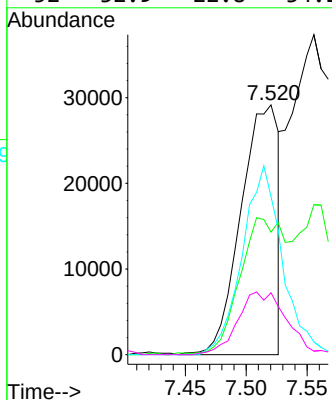


#41
Methacrylonitrile
Concen: 41.801 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :

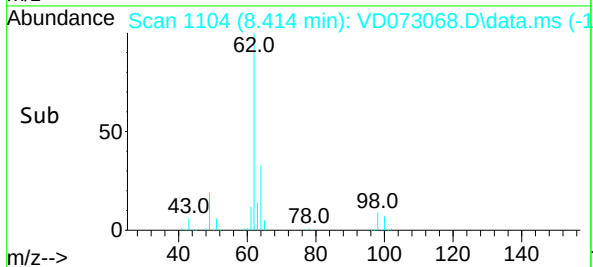
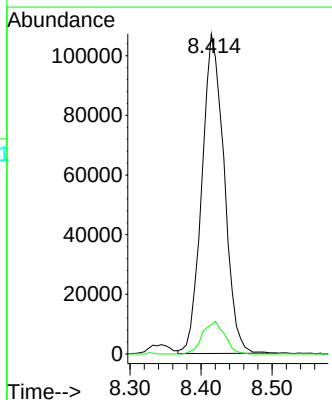
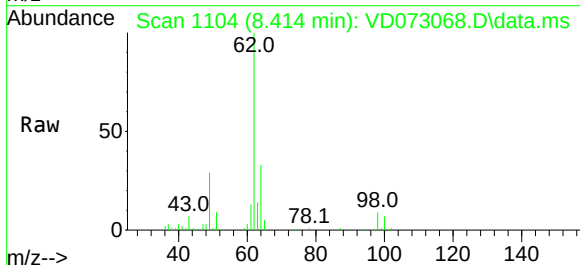


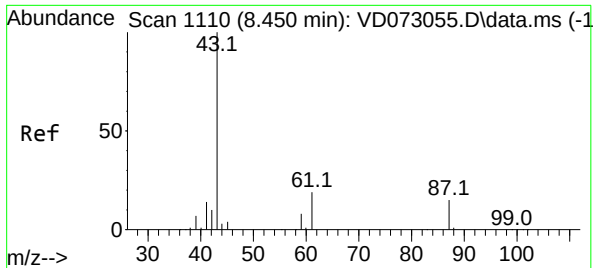
Tgt Ion: 41 Resp: 62961
Ion Ratio Lower Upper
41 100
39 70.7 44.6 67.0#
67 80.1 48.2 72.4#
52 32.9 22.8 34.2



#42
1,2-Dichloroethane
Concen: 44.038 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 62 Resp: 233110
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.6





#43

Isopropyl Acetate

Concen: 47.030 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD073068.D

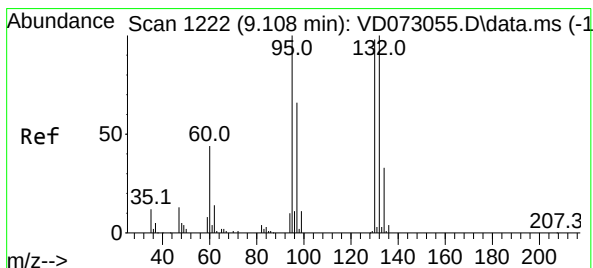
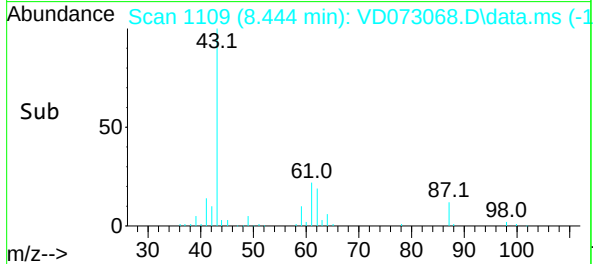
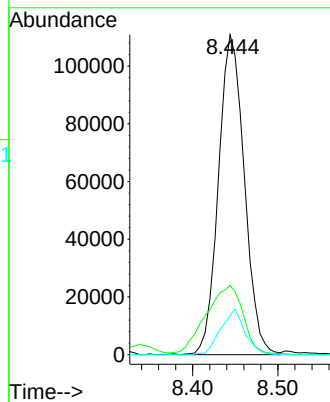
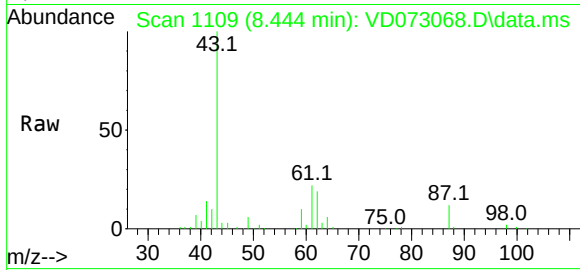
Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 233554
Ion Ratio	Lower Upper
43	100
61	31.5 22.4 33.6
87	13.2 8.7 13.1#



#44

Trichloroethene

Concen: 43.374 ug/l

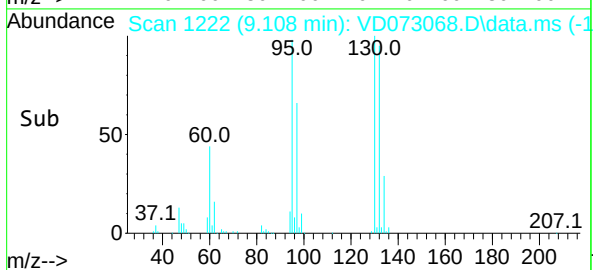
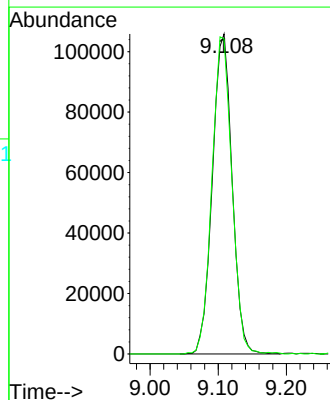
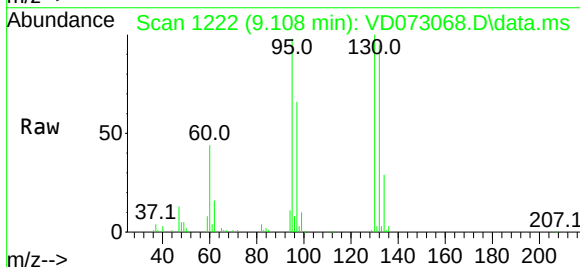
RT: 9.108 min Scan# 1222

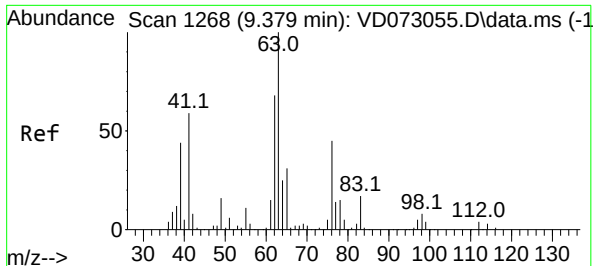
Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Tgt Ion: 130	Resp: 213358
Ion Ratio	Lower Upper
130	100
95	98.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 43.663 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

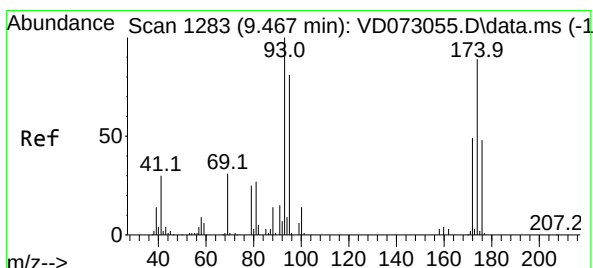
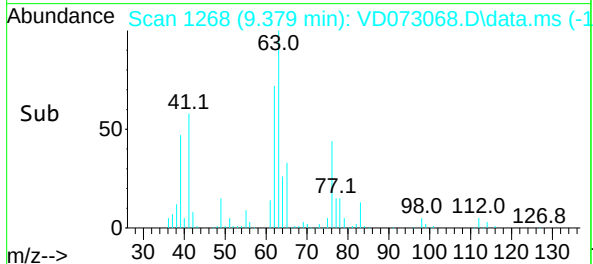
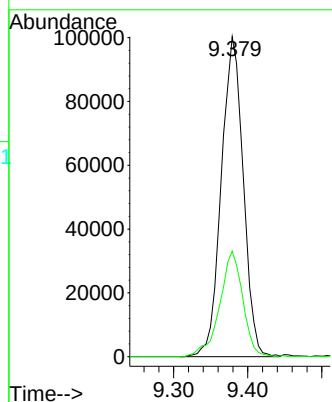
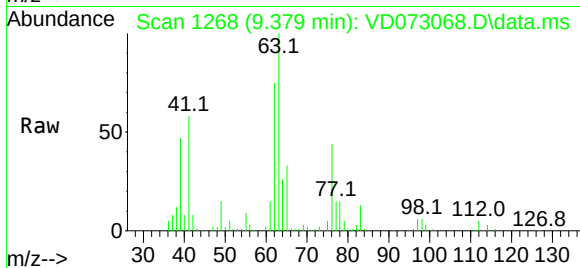
ClientSampleId :

Tgt Ion: 63 Resp: 206210

Ion Ratio Lower Upper

63 100

65 32.9 26.2 39.4



#46

Dibromomethane

Concen: 45.301 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

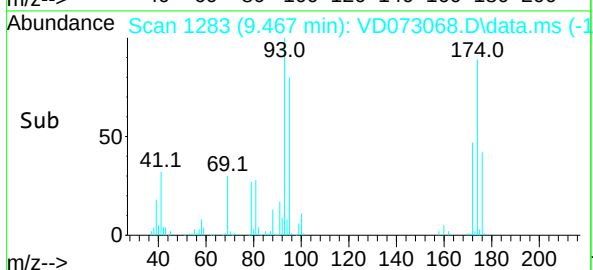
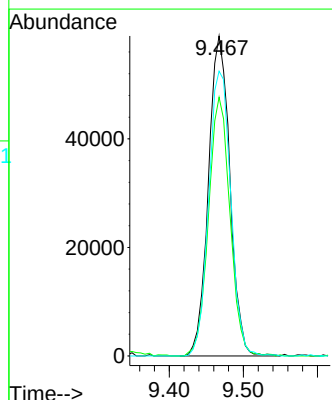
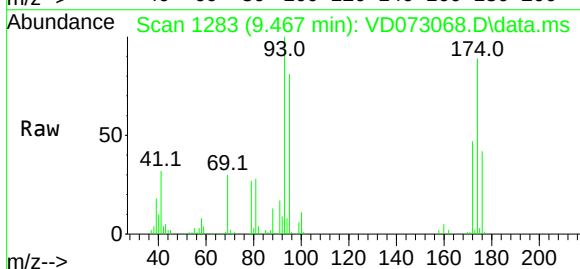
Tgt Ion: 93 Resp: 118300

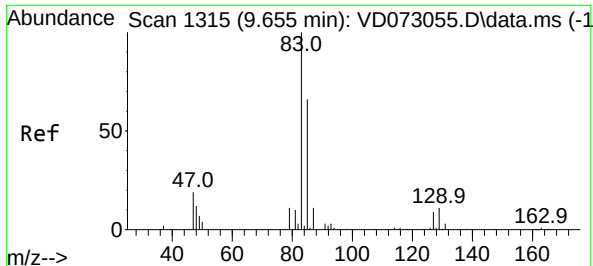
Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

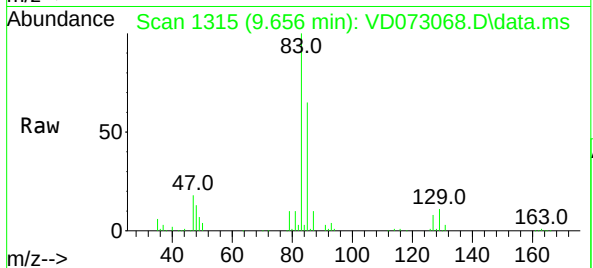
174 91.9 71.6 107.4



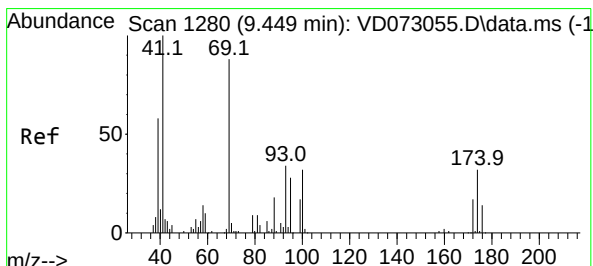
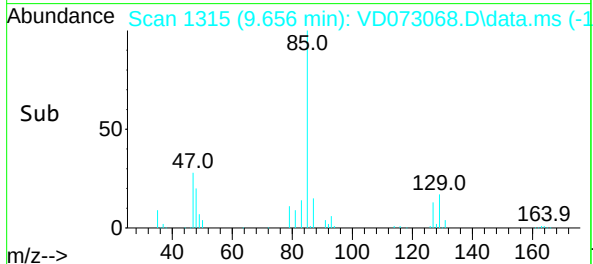
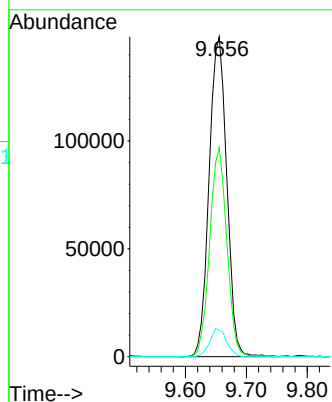


#47
Bromodichloromethane
Concen: 45.032 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :

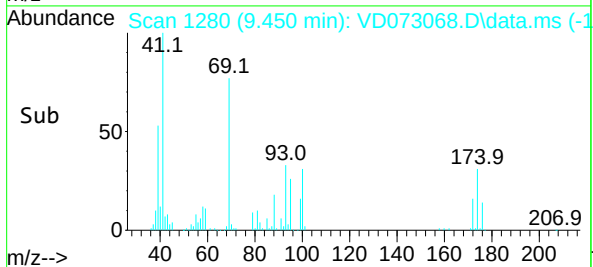
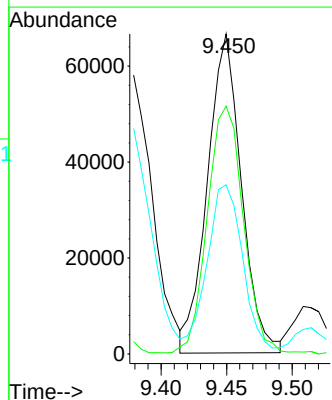
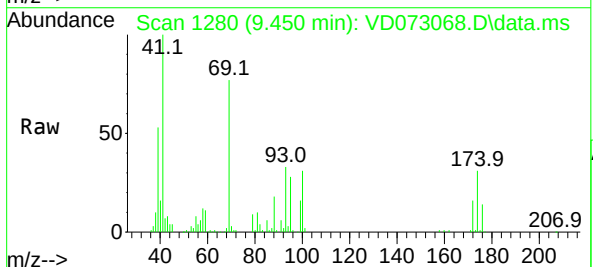


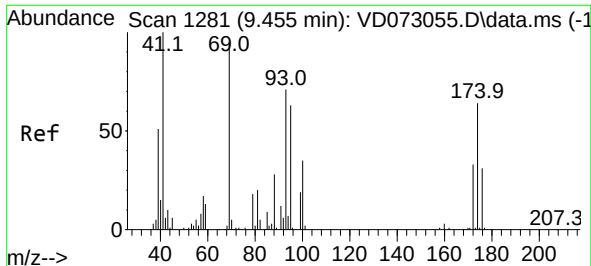
Tgt Ion: 83 Resp: 298678
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0
127 8.3 6.1 9.1



#48
Methyl methacrylate
Concen: 48.596 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 41 Resp: 119705
Ion Ratio Lower Upper
41 100
69 83.3 56.7 85.1
39 51.9 42.7 64.1





#49

1,4-Dioxane

Concen: 968.404 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.000 min

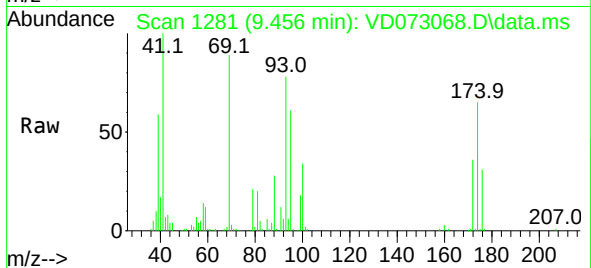
Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :



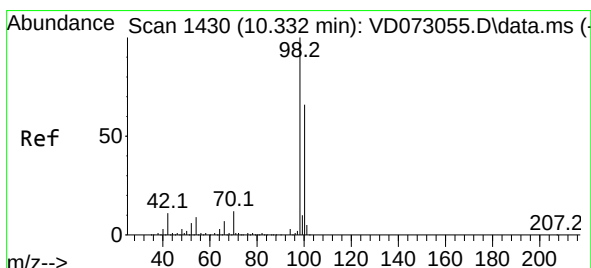
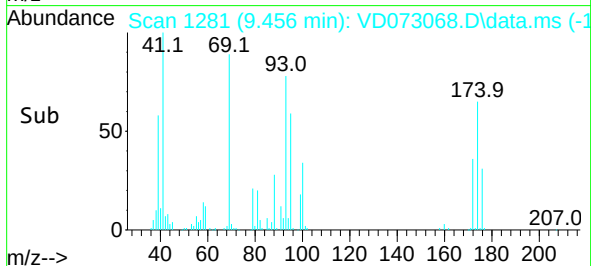
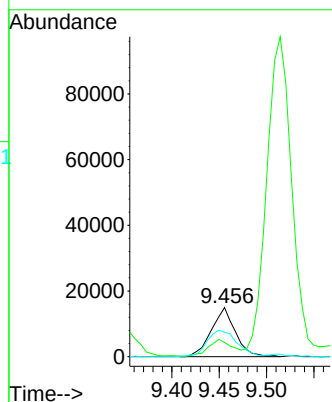
Tgt Ion: 88 Resp: 26329

Ion Ratio Lower Upper

88 100

43 33.7 31.0 46.4

58 67.6 58.1 87.1



#50

Toluene-d8

Concen: 50.250 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073068.D

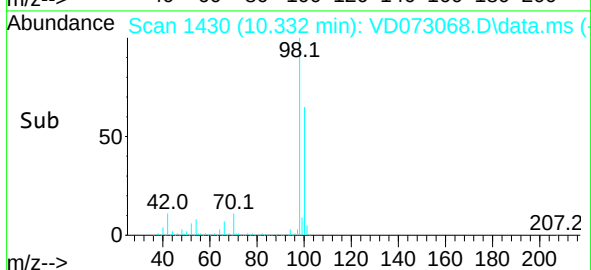
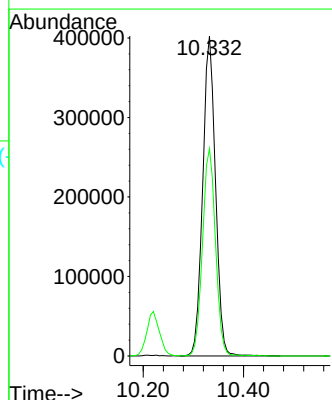
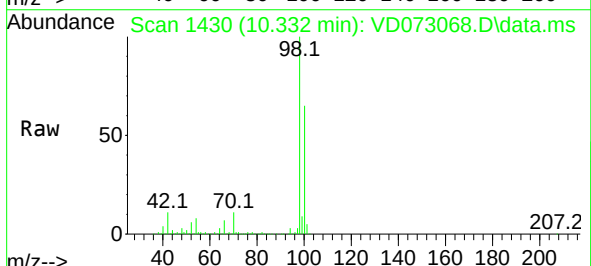
Acq: 17 May 2022 20:33

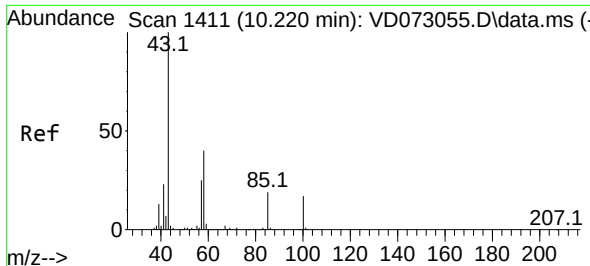
Tgt Ion: 98 Resp: 711566

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

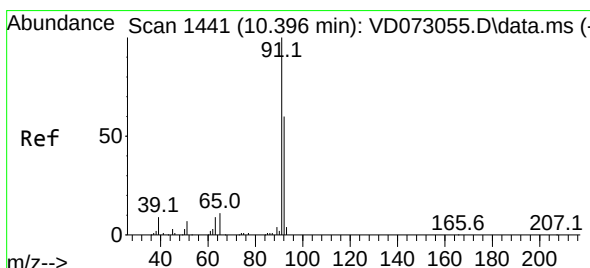
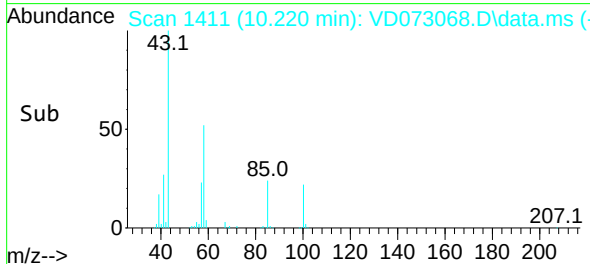
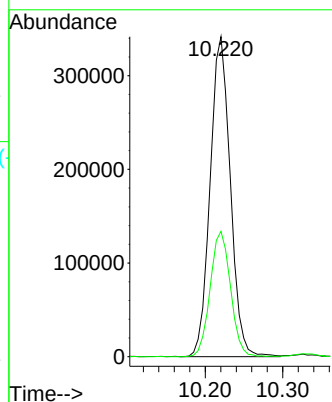
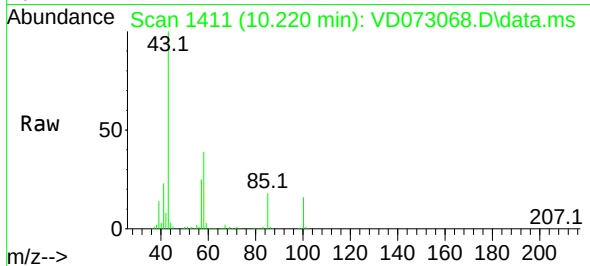




#51
4-Methyl-2-Pentanone
Concen: 238.624 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

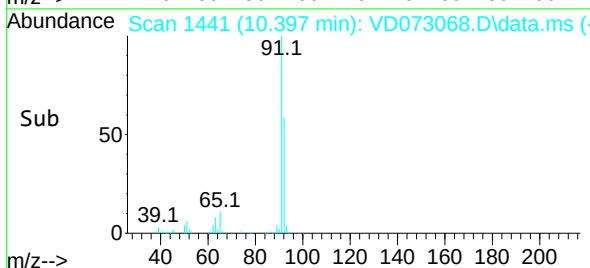
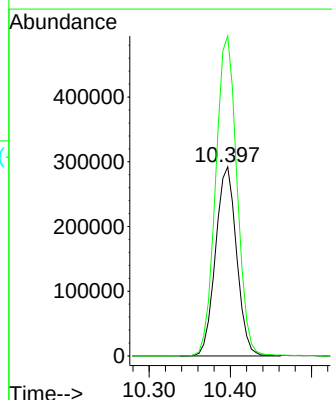
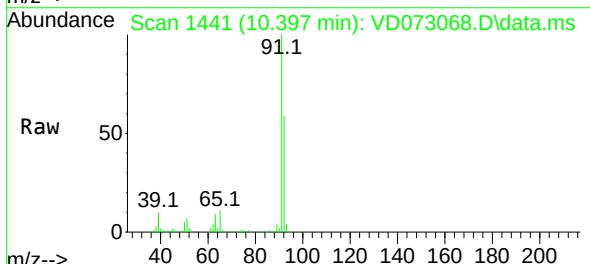
Instrument :
MSVOA_D
ClientSampleId :

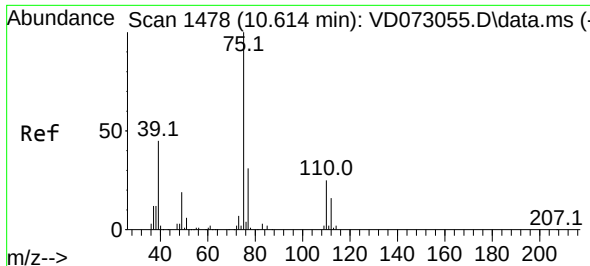
Tgt Ion: 43 Resp: 618416
Ion Ratio Lower Upper
43 100
58 39.4 28.6 43.0



#52
Toluene
Concen: 45.533 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

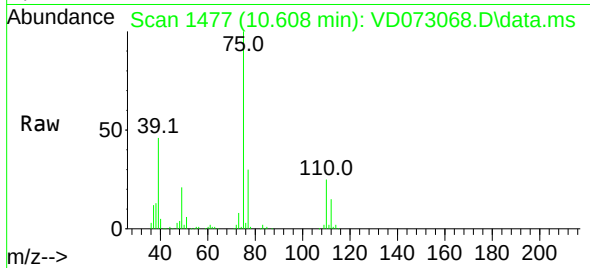
Tgt Ion: 92 Resp: 525716
Ion Ratio Lower Upper
92 100
91 171.6 139.6 209.4



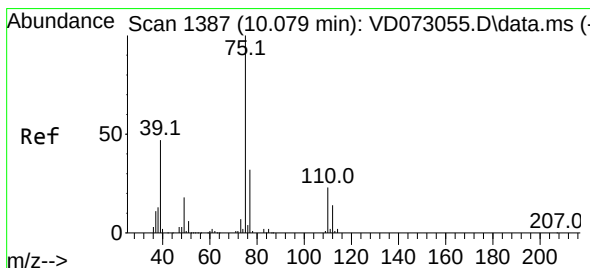
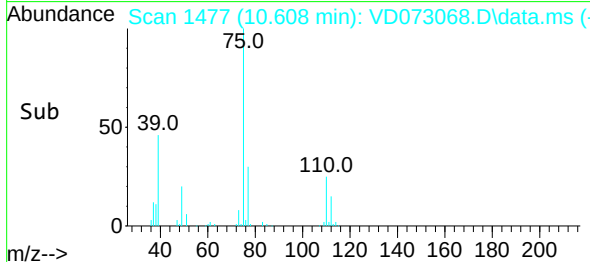
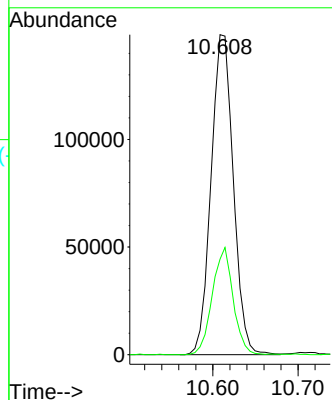


#53
t-1,3-Dichloropropene
Concen: 44.591 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :

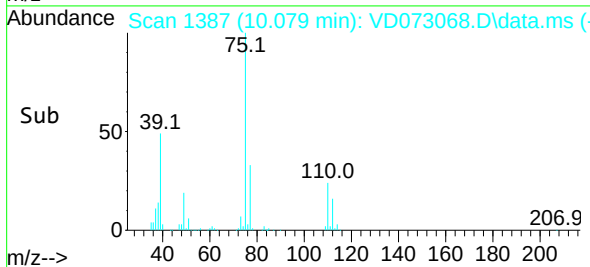
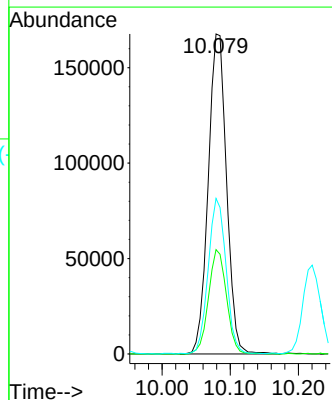
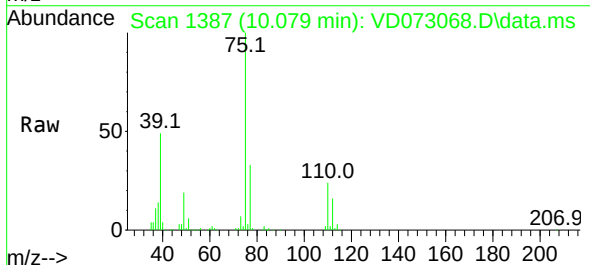


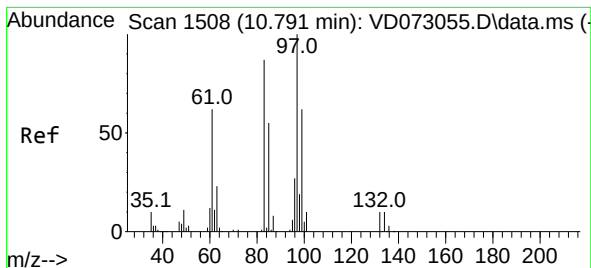
Tgt Ion: 75 Resp: 269736
Ion Ratio Lower Upper
75 100
77 29.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 44.013 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 75 Resp: 313905
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2
39 48.5 46.8 70.2

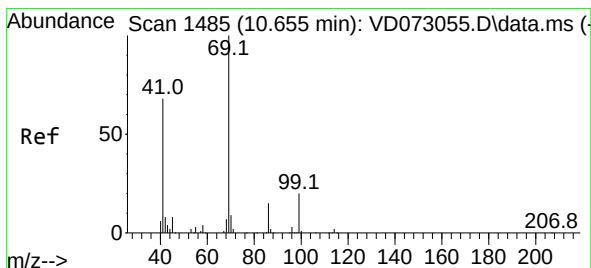
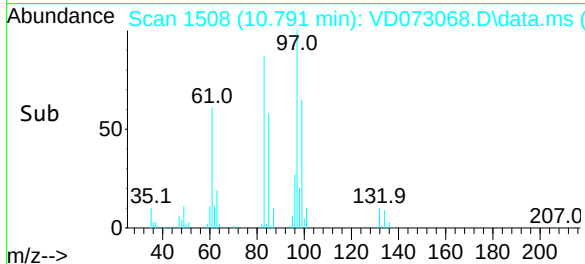
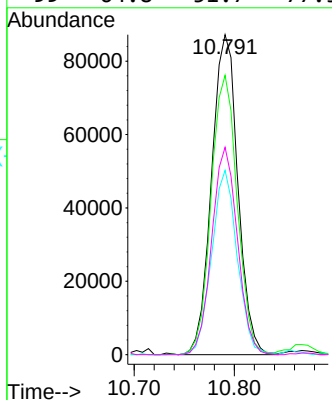
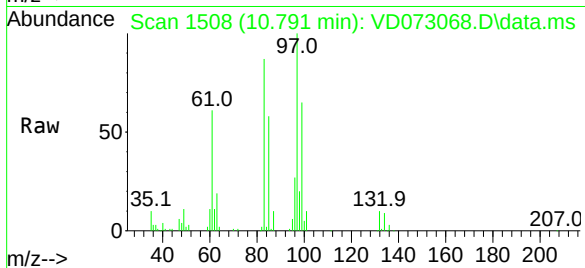




#55
1,1,2-Trichloroethane
Concen: 44.489 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

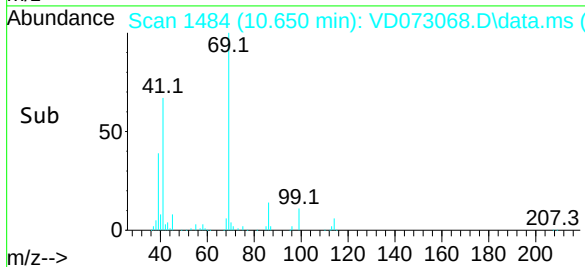
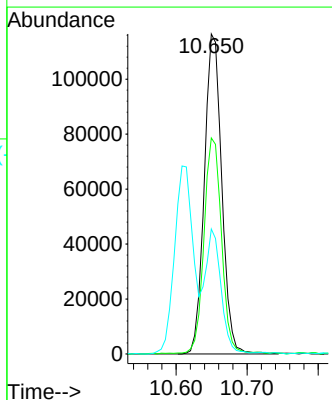
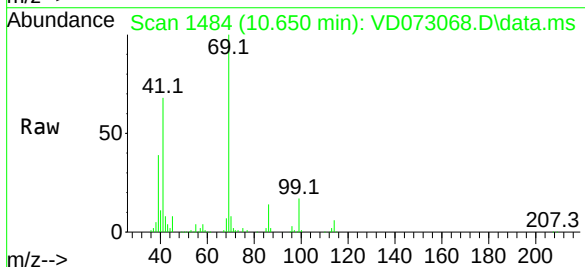
Instrument :
MSVOA_D
ClientSampleId :

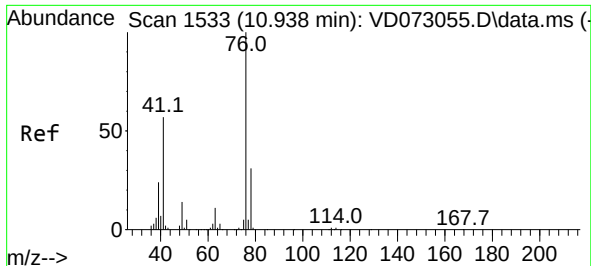
Tgt Ion:	97	Resp:	158578
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.0	103.4
85	57.6	42.6	63.8
99	64.8	51.7	77.5



#56
Ethyl methacrylate
Concen: 49.450 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:	69	Resp:	199340
Ion	Ratio	Lower	Upper
69	100		
41	68.3	63.0	94.6
39	35.2	33.8	50.8





#57

1,3-Dichloropropane

Concen: 44.777 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

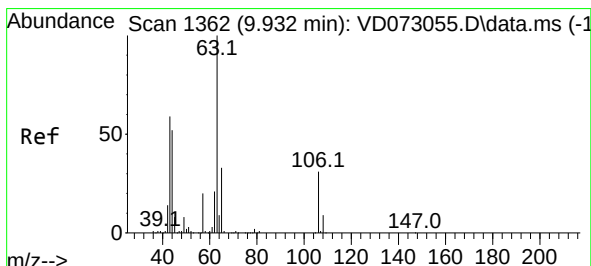
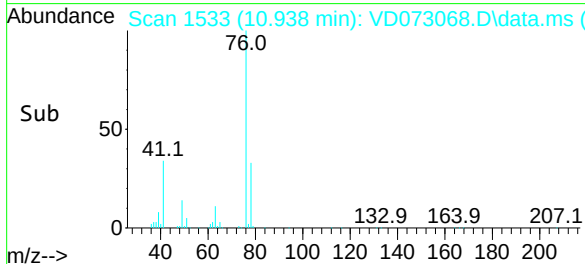
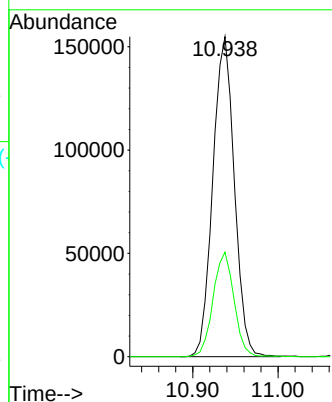
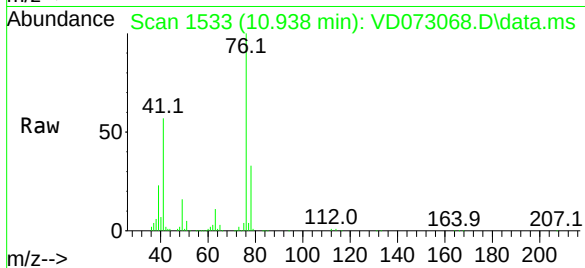
ClientSampleId :

Tgt Ion: 76 Resp: 271573

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 204.460 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073068.D

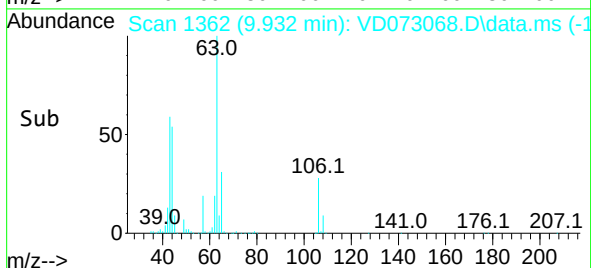
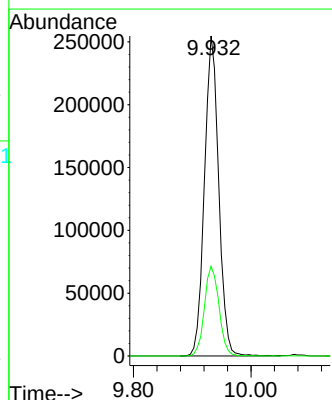
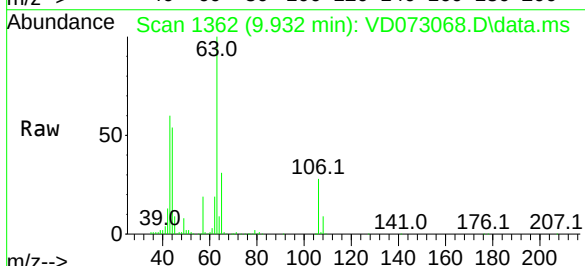
Acq: 17 May 2022 20:33

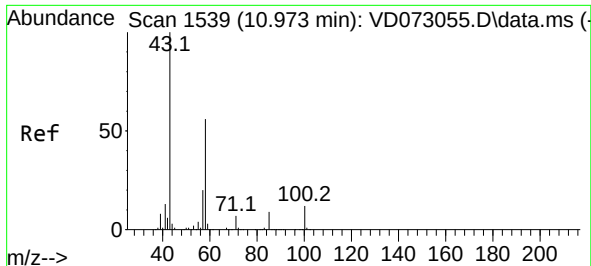
Tgt Ion: 63 Resp: 429091

Ion Ratio Lower Upper

63 100

106 28.6 21.4 32.0

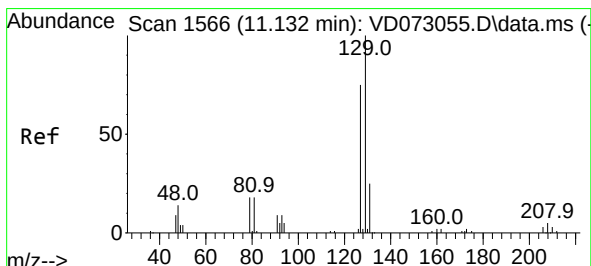
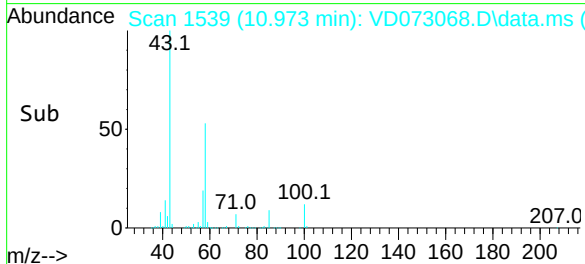
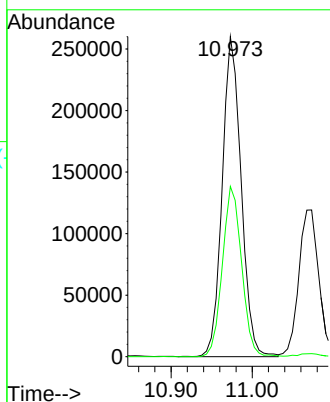
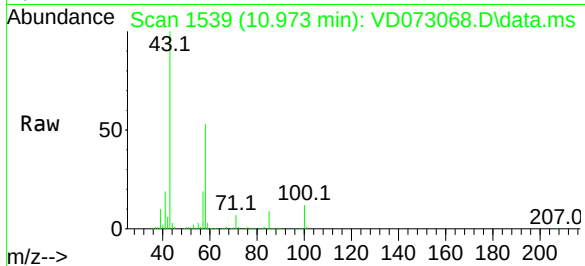




#59
2-Hexanone
Concen: 246.800 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

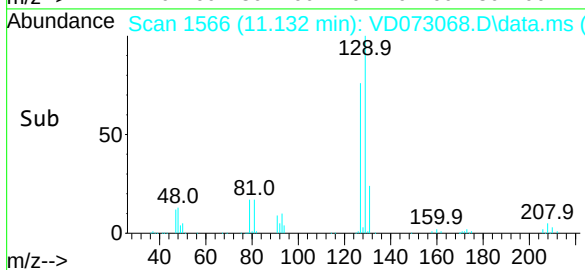
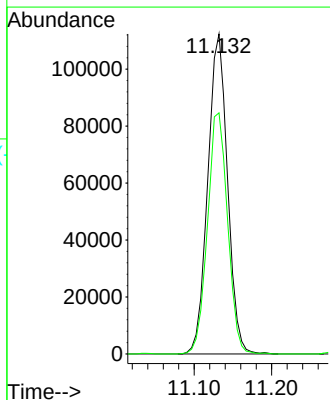
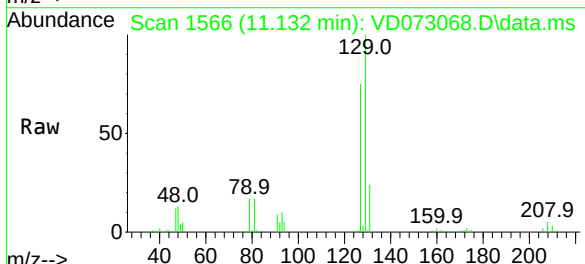
Instrument :
MSVOA_D
ClientSampleId :

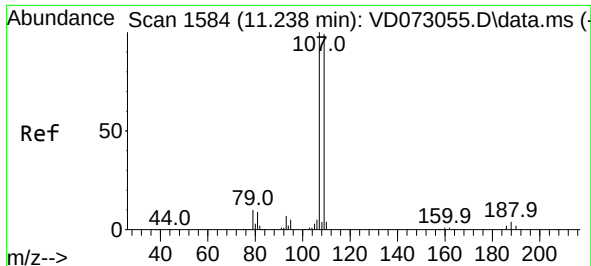
Tgt Ion: 43 Resp: 422519
Ion Ratio Lower Upper
43 100
58 53.9 25.3 75.9



#60
Dibromochloromethane
Concen: 44.824 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:129 Resp: 198499
Ion Ratio Lower Upper
129 100
127 77.0 39.2 117.6

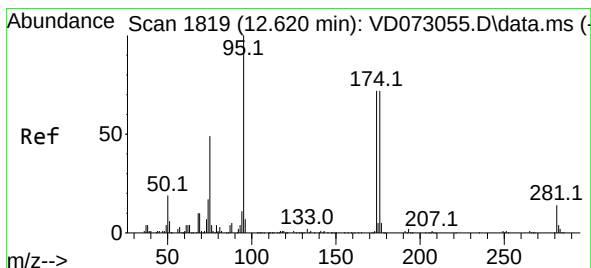
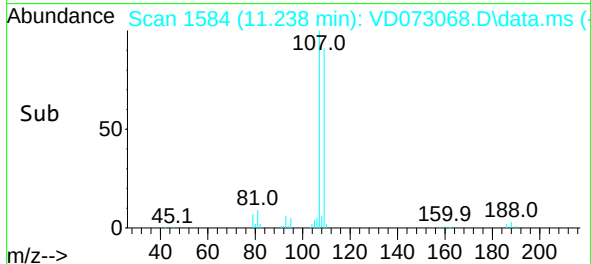
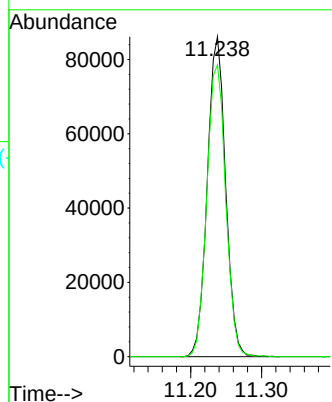
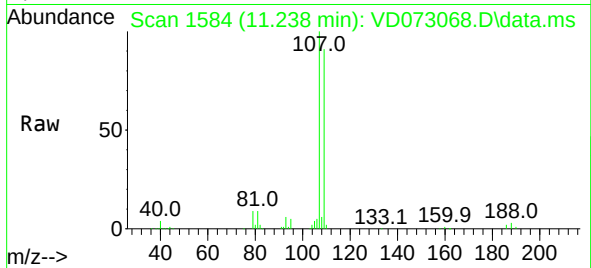




#61
1,2-Dibromoethane
Concen: 45.052 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

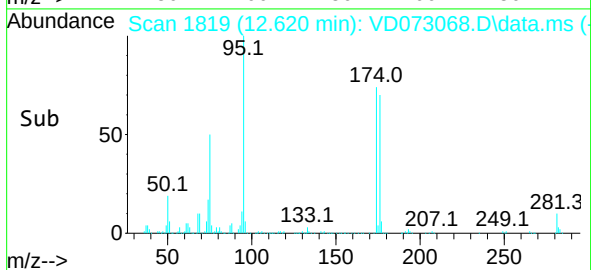
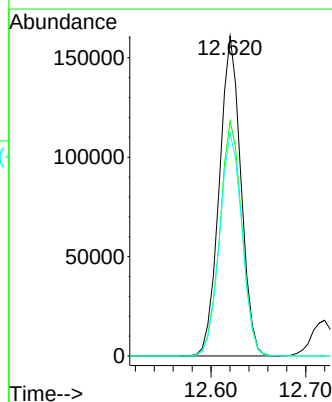
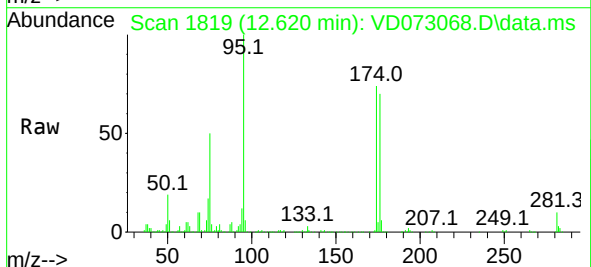
Instrument :
MSVOA_D
ClientSampleId :

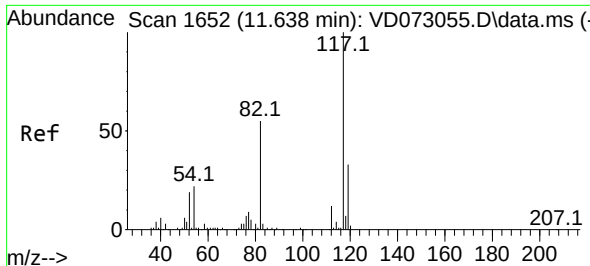
Tgt Ion:107 Resp: 154524
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.689 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

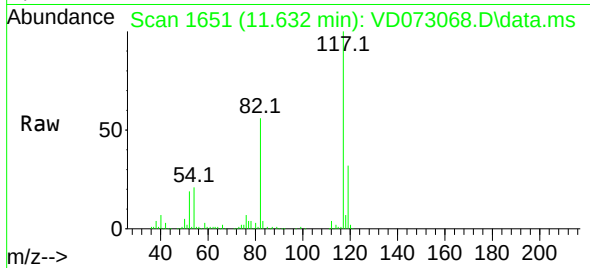
Tgt Ion: 95 Resp: 254850
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 72.2 0.0 145.4



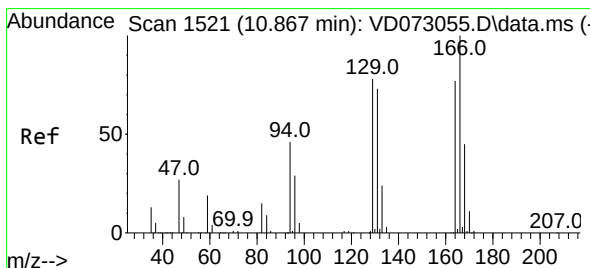
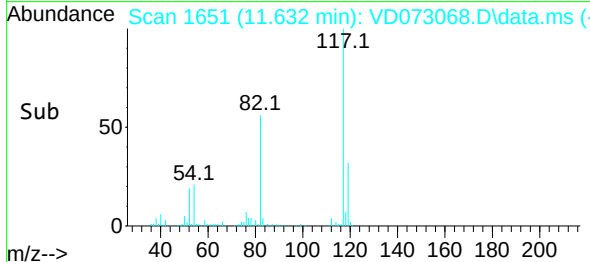
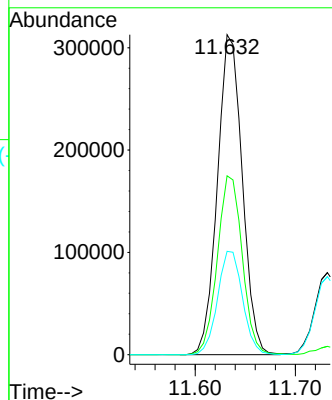


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :

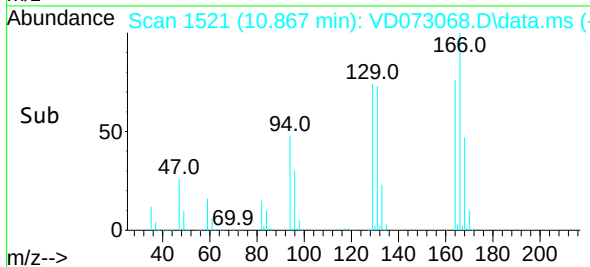
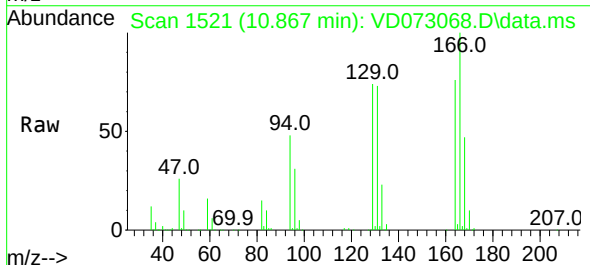
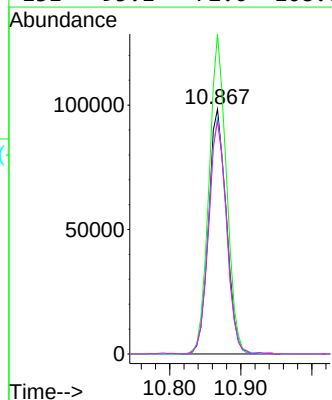


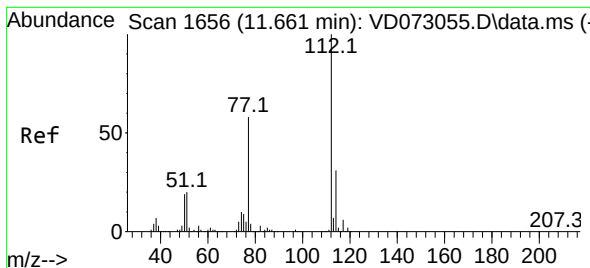
Tgt Ion:117 Resp: 538268
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 43.646 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:164 Resp: 172119
Ion Ratio Lower Upper
164 100
166 130.7 98.5 147.7
129 96.5 74.6 111.8
131 95.1 72.0 108.0

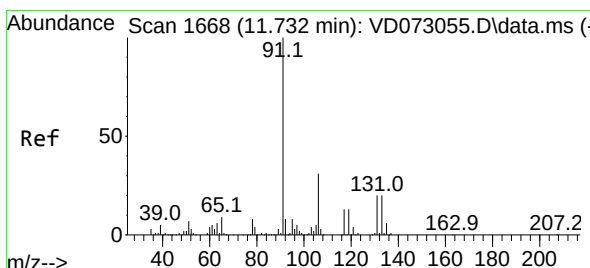
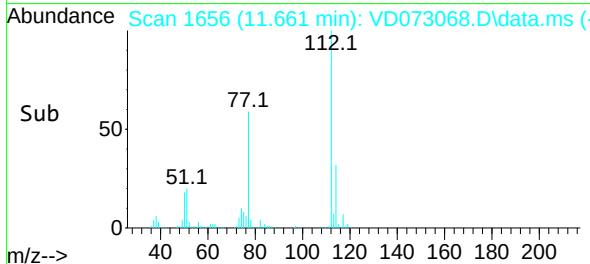
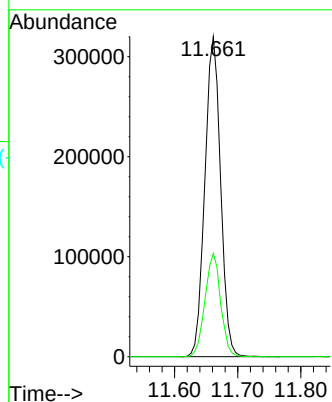
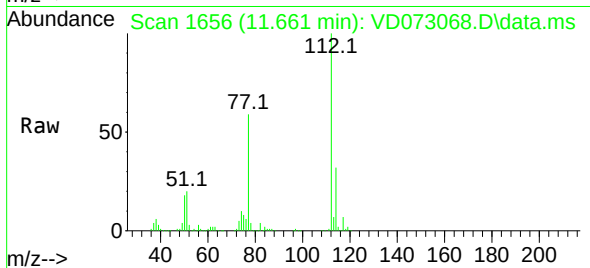




#65
Chlorobenzene
Concen: 45.336 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

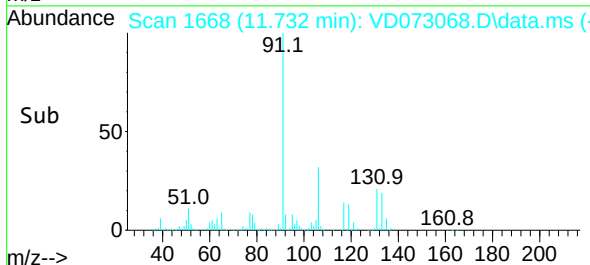
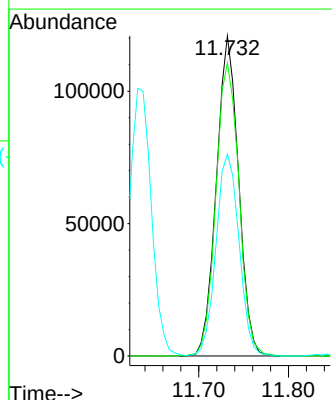
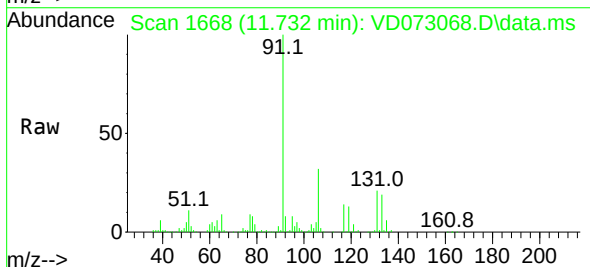
Instrument :
MSVOA_D
ClientSampleId :

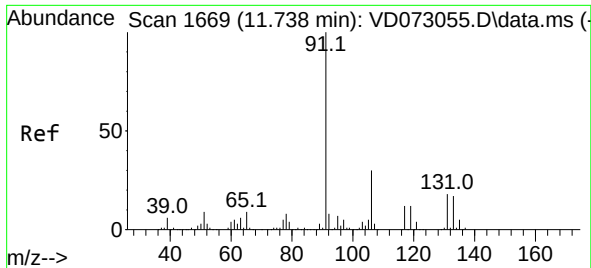
Tgt Ion:112 Resp: 553322
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 44.519 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:131 Resp: 207555
Ion Ratio Lower Upper
131 100
133 95.2 48.1 144.3
119 65.6 31.9 95.9

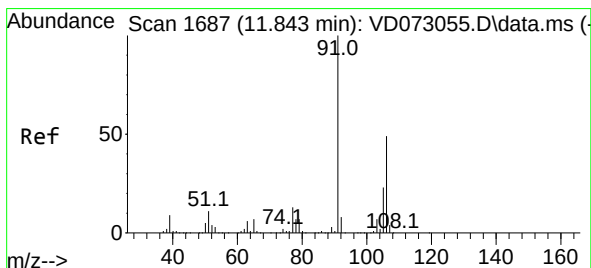
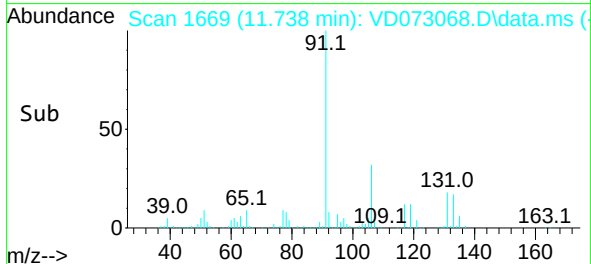
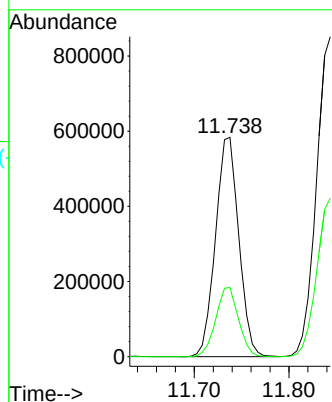
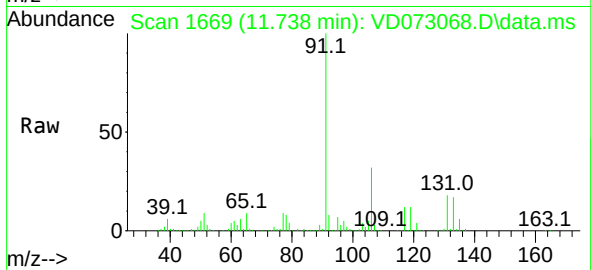




#67
Ethyl Benzene
Concen: 46.966 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

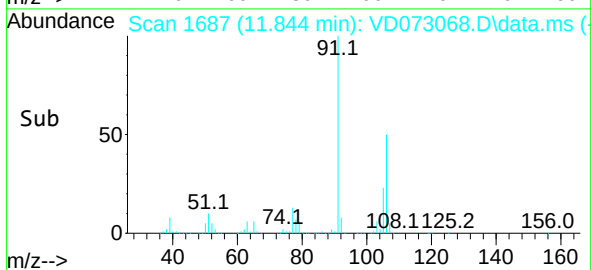
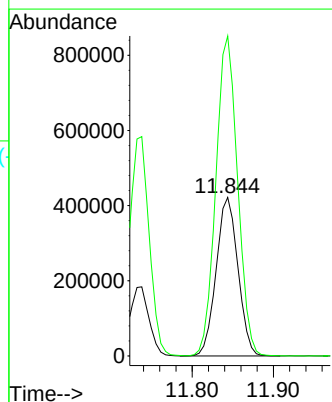
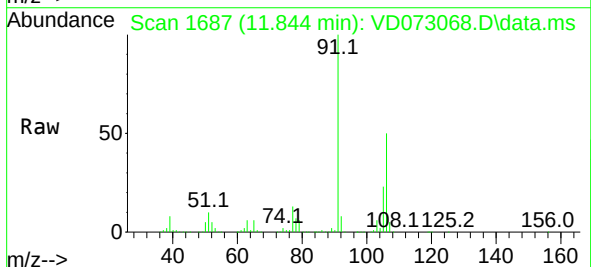
Instrument :
MSVOA_D
ClientSampleId :

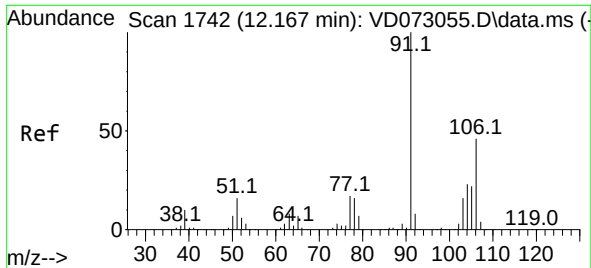
Tgt Ion: 91 Resp: 998071
Ion Ratio Lower Upper
91 100
106 31.5 24.2 36.4



#68
m/p-Xylenes
Concen: 95.438 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:106 Resp: 786036
Ion Ratio Lower Upper
106 100
91 201.3 163.7 245.5

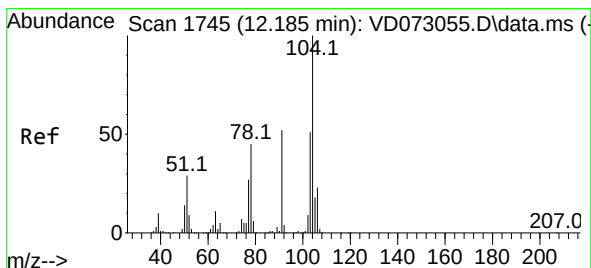
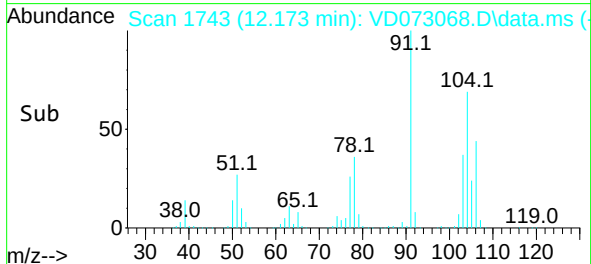
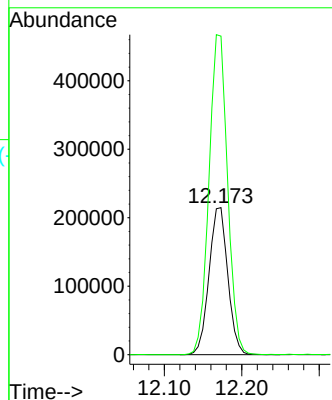
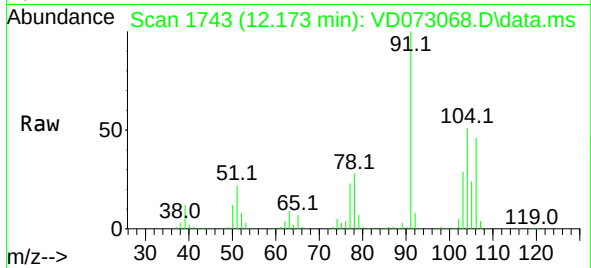




#69
o-Xylene
Concen: 47.550 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

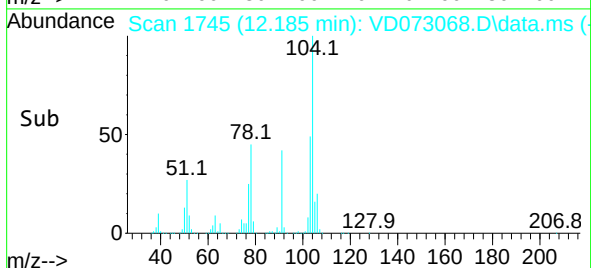
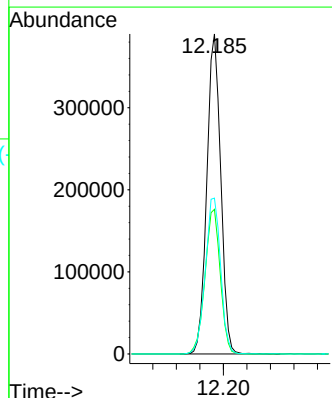
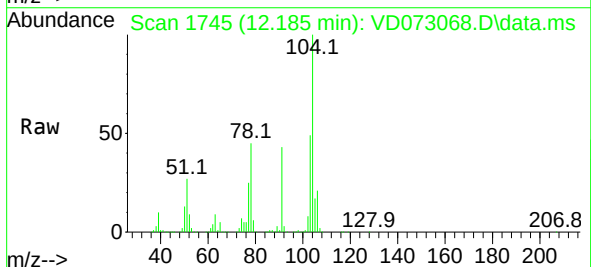
Instrument :
MSVOA_D
ClientSampleId :

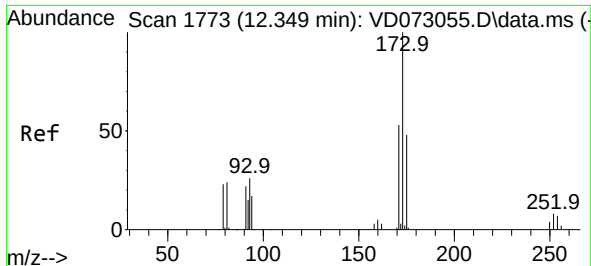
Tgt Ion:106 Resp: 361151
Ion Ratio Lower Upper
106 100
91 215.7 110.4 331.2



#70
Styrene
Concen: 48.279 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:104 Resp: 640470
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 53.7 44.2 66.4

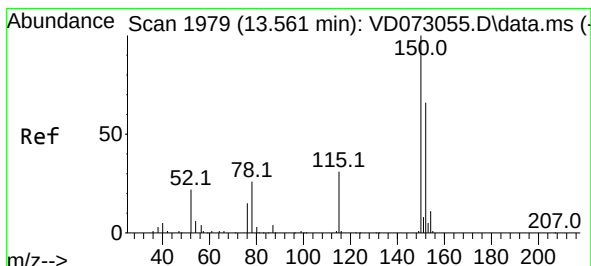
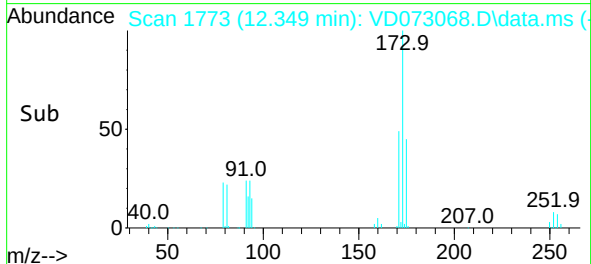
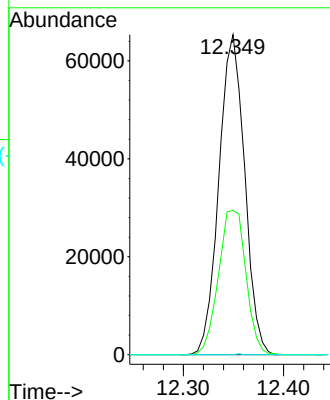
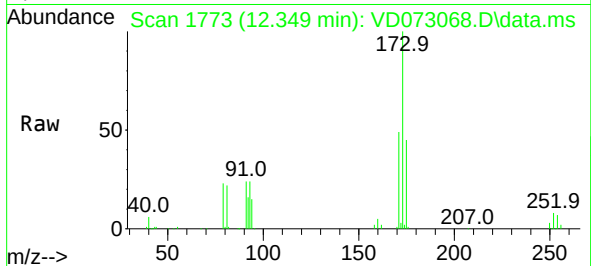




#71
Bromoform
Concen: 47.405 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

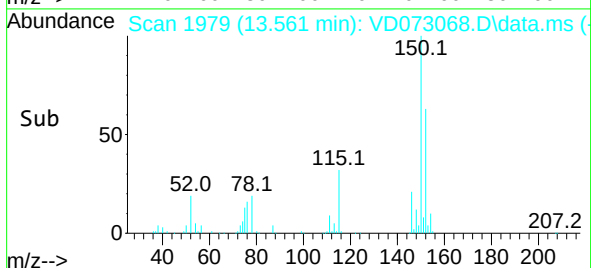
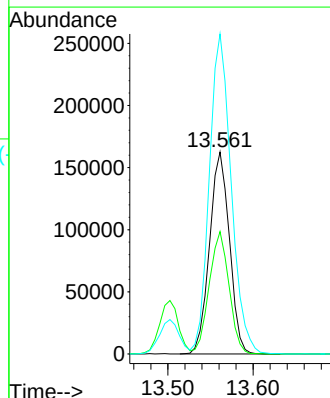
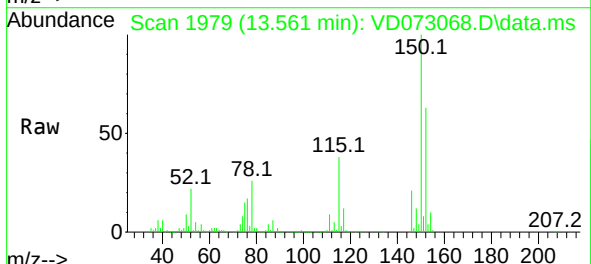
Instrument :
MSVOA_D
ClientSampleId :

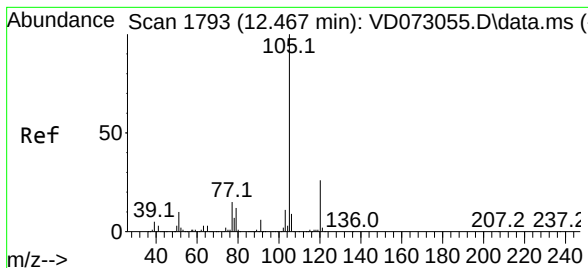
Tgt Ion:173 Resp: 116363
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:152 Resp: 263532
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 174.0 0.0 348.6





#73

Isopropylbenzene

Concen: 47.813 ug/l

RT: 12.467 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

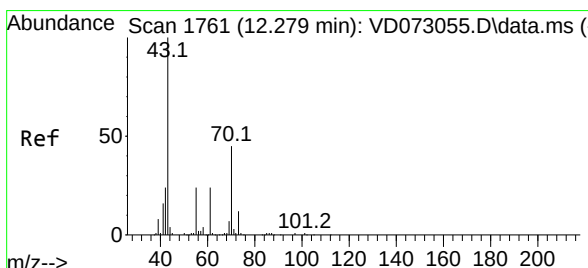
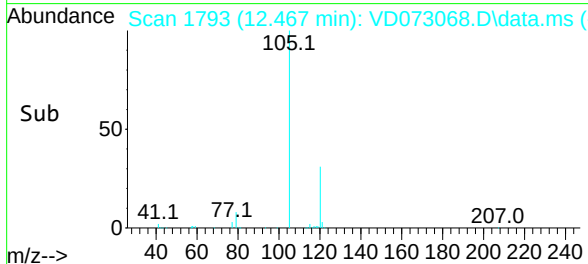
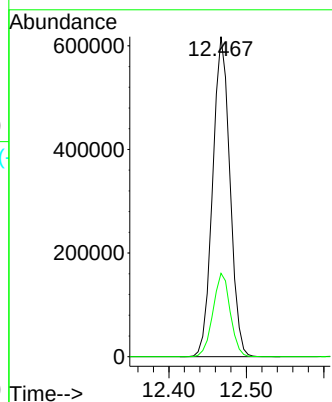
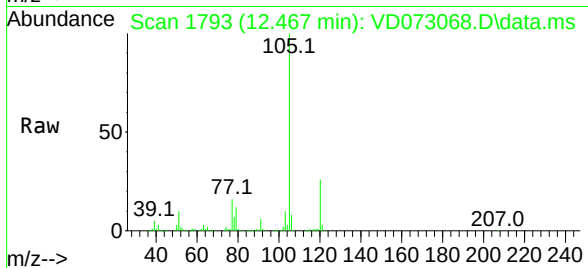
ClientSampleId :

Tgt Ion:105 Resp: 955103

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 49.797 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Tgt Ion: 43 Resp: 232464

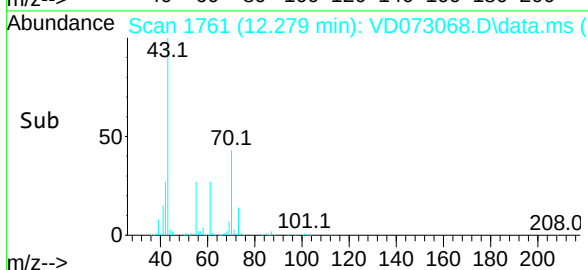
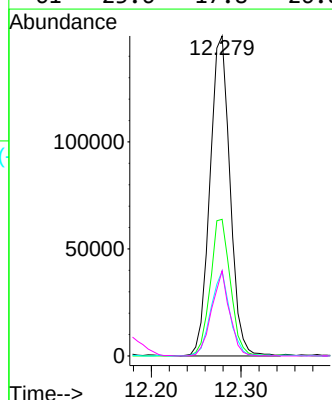
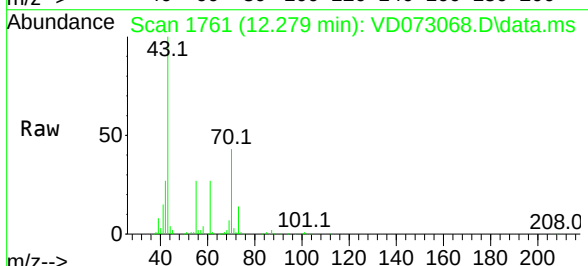
Ion Ratio Lower Upper

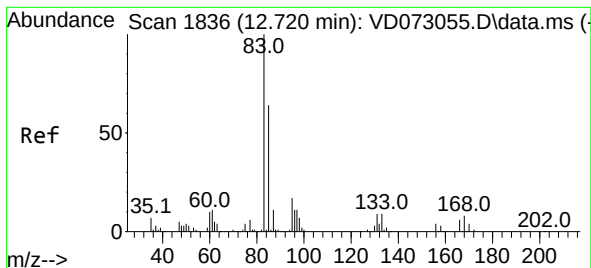
43 100

70 42.7 31.3 46.9

55 25.1 20.0 30.0

61 23.6 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.132 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

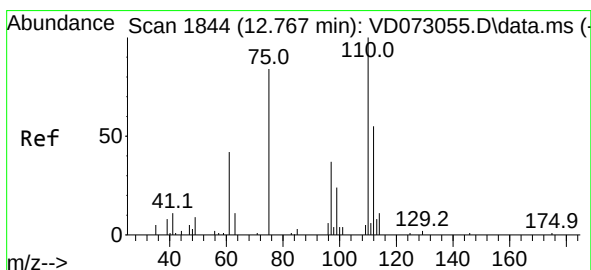
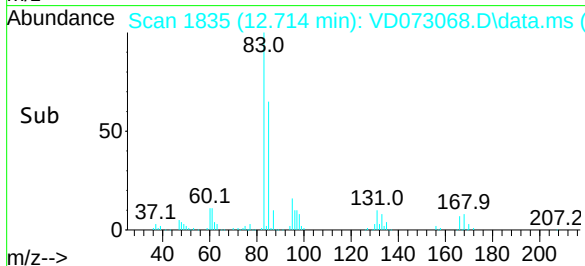
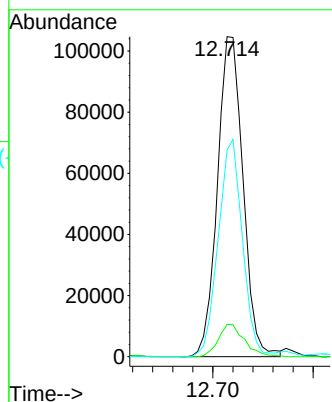
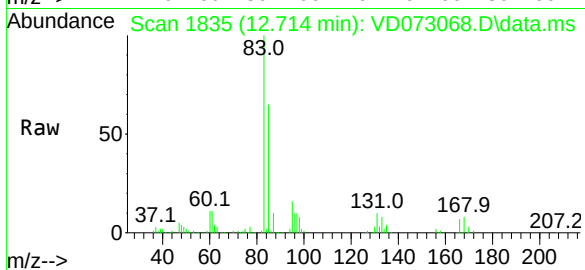
Tgt Ion: 83 Resp: 185609

Ion Ratio Lower Upper

83 100

131 10.3 5.0 14.9

85 63.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 77.874 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VD073068.D

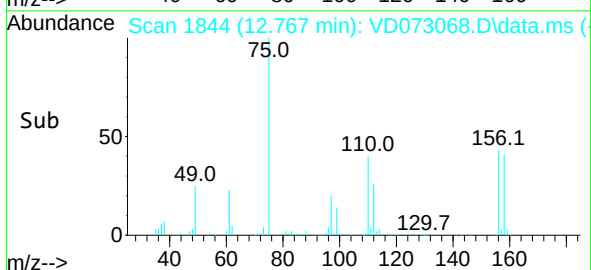
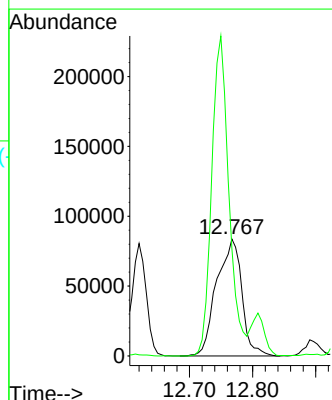
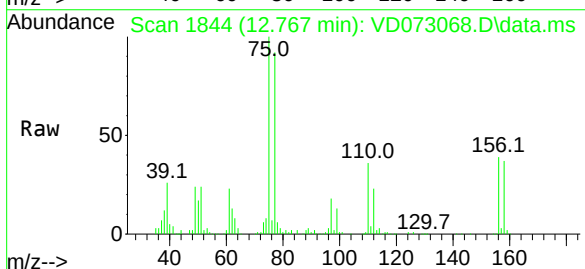
Acq: 17 May 2022 20:33

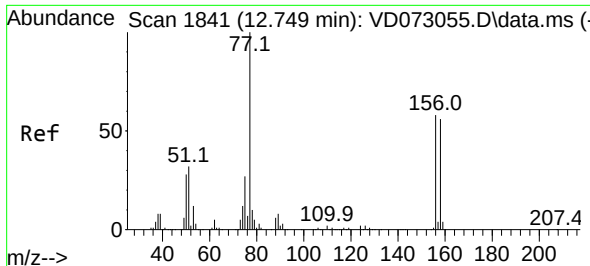
Tgt Ion: 75 Resp: 231991

Ion Ratio Lower Upper

75 100

77 187.5 0.0 0.0#

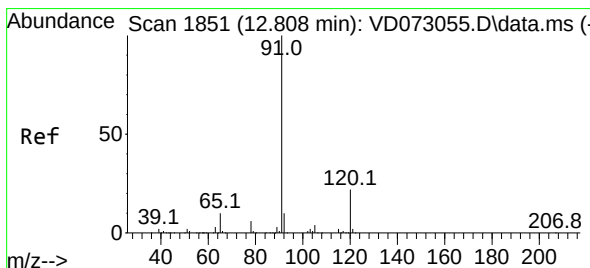
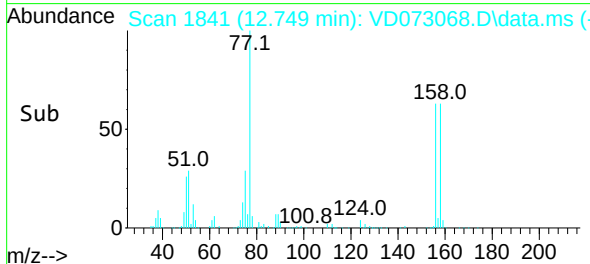
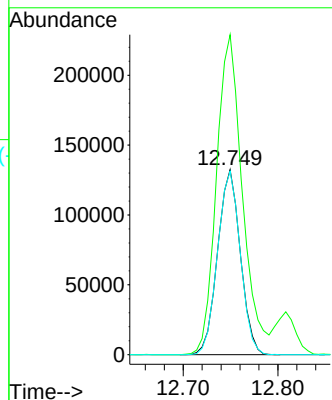
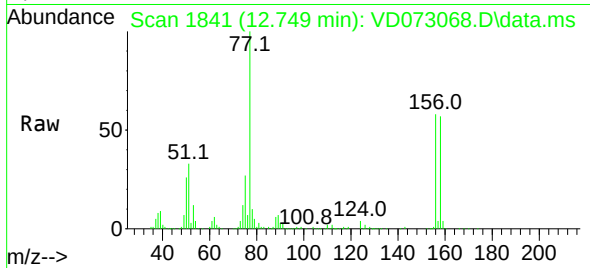




#77
Bromobenzene
Concen: 46.345 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

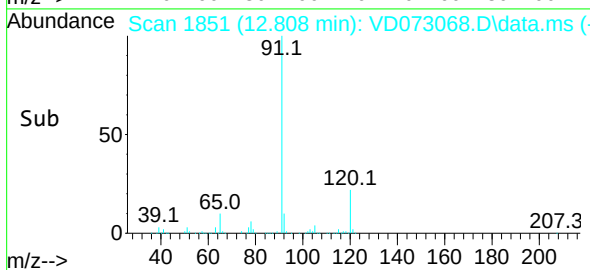
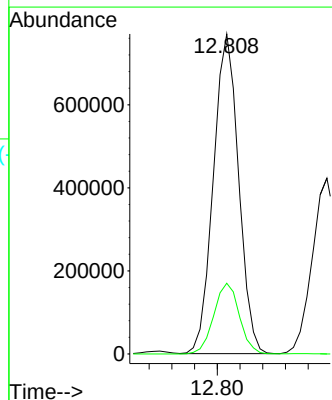
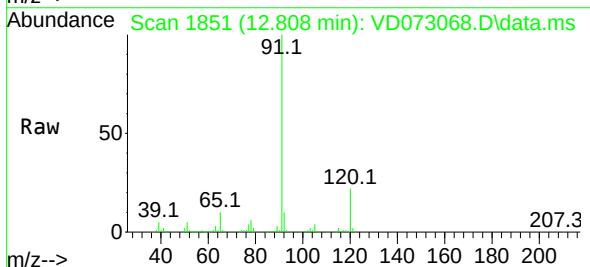
Instrument :
MSVOA_D
ClientSampleId :

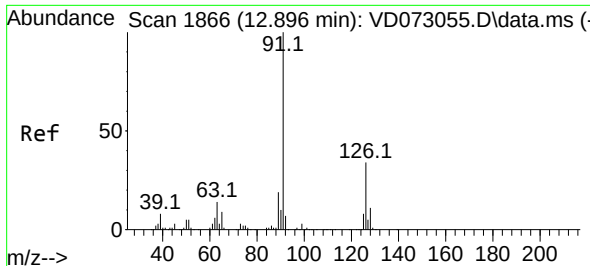
Tgt Ion:156 Resp: 220888
Ion Ratio Lower Upper
156 100
77 197.0 102.8 308.3
158 99.1 48.7 146.1



#78
n-propylbenzene
Concen: 47.326 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 91 Resp: 1187162
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9

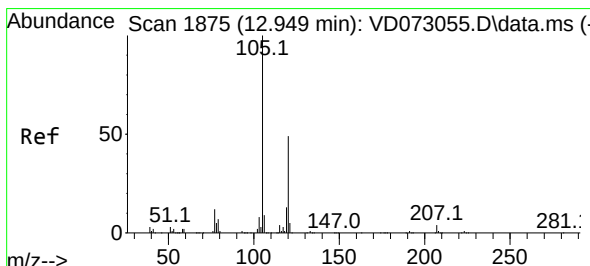
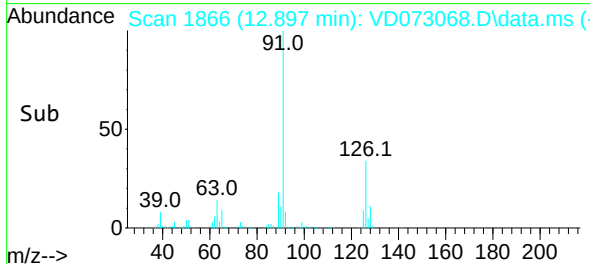
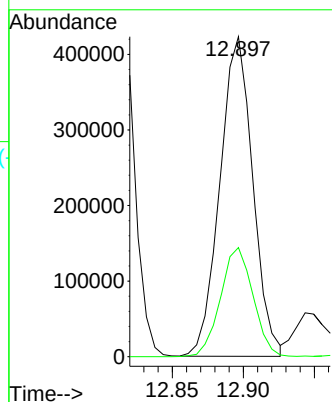
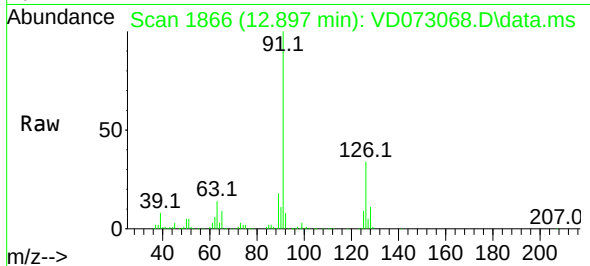




#79
2-Chlorotoluene
Concen: 46.615 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

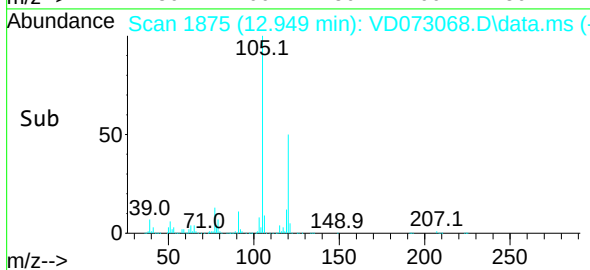
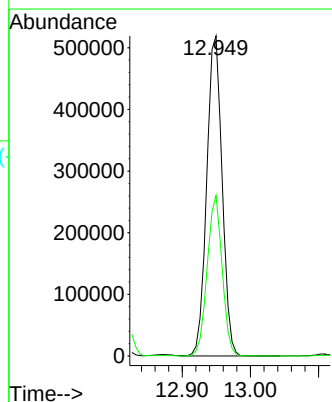
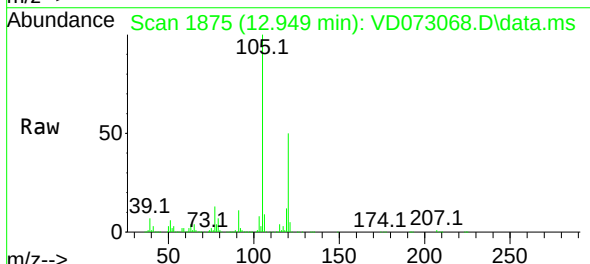
Instrument :
MSVOA_D
ClientSampleId :

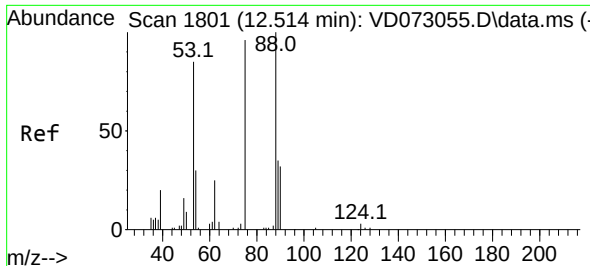
Tgt Ion: 91 Resp: 681199
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 47.959 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 105 Resp: 816143
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

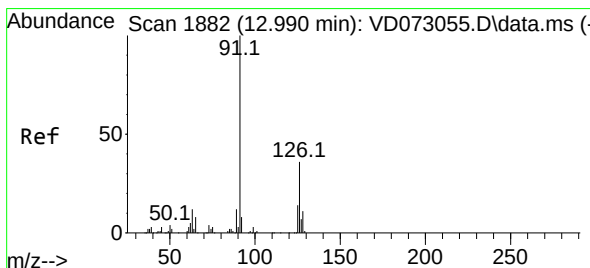
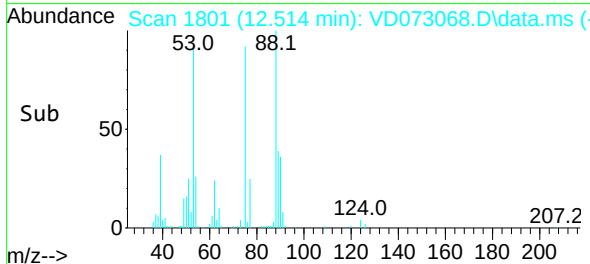
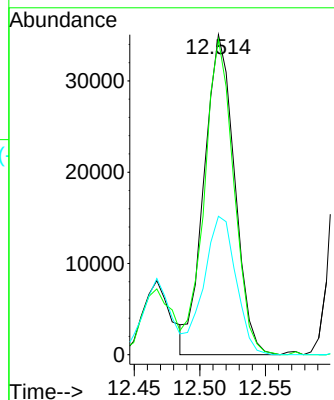
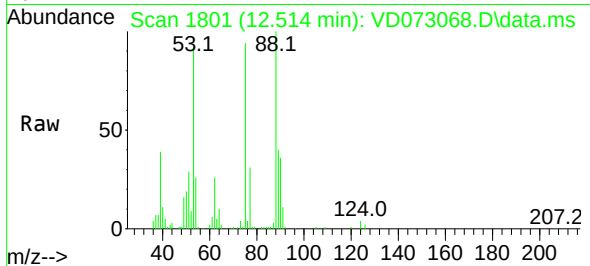




#81
trans-1,4-Dichloro-2-butene
Concen: 45.462 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

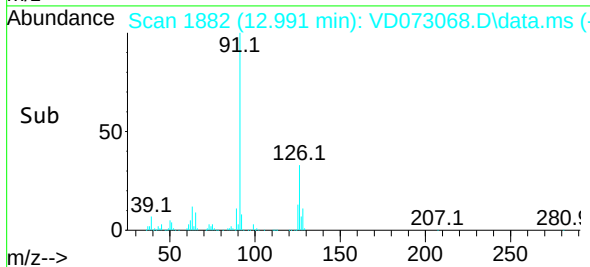
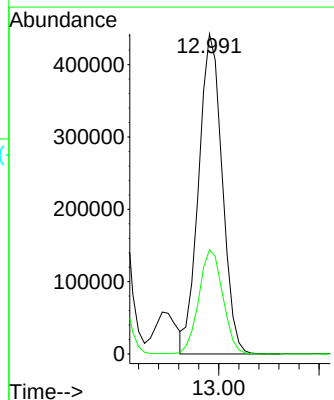
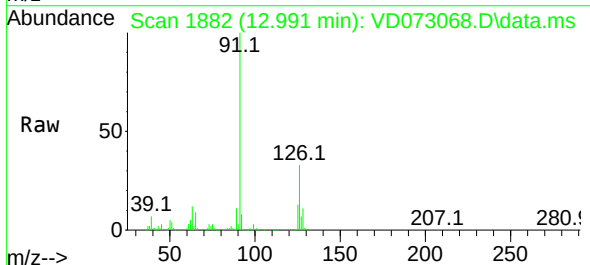
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MSVOA_D
ClientSampleId :

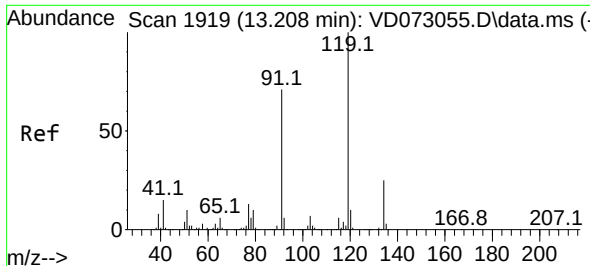
Tgt Ion: 75 Resp: 56483
Ion Ratio Lower Upper
75 100
53 95.5 86.5 129.7
89 46.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 46.606 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

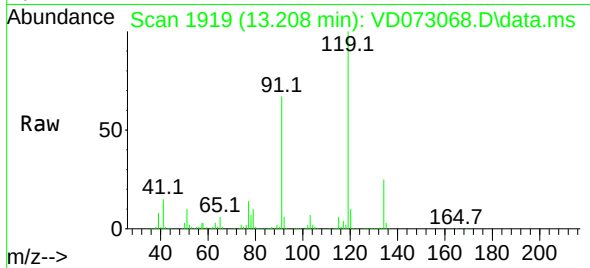
Tgt Ion: 91 Resp: 720805
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5



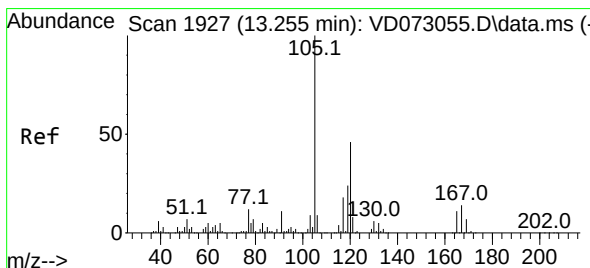
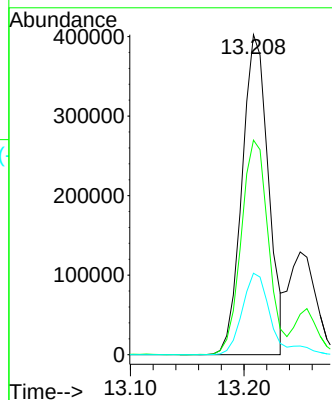
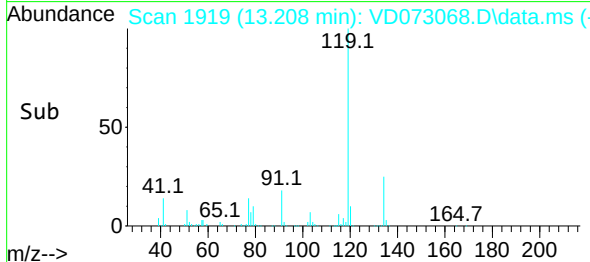


#83
tert-Butylbenzene
Concen: 45.102 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Instrument :
MSVOA_D
ClientSampleId :

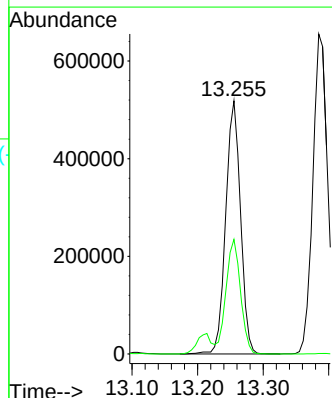
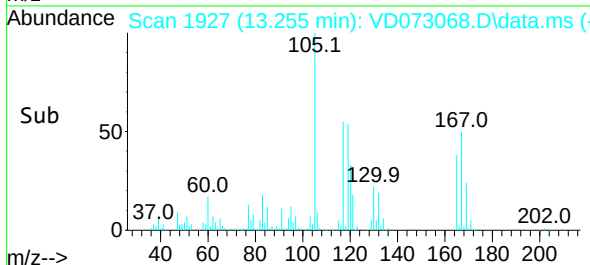
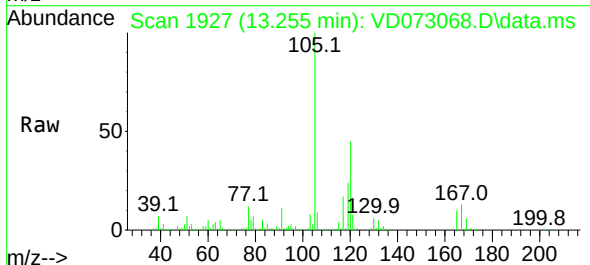


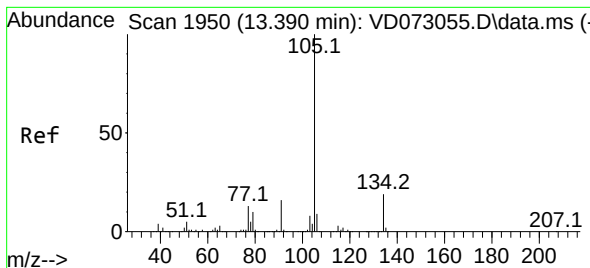
Tgt Ion:119 Resp: 650120
Ion Ratio Lower Upper
119 100
91 69.0 34.8 104.5
134 27.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.933 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion:105 Resp: 811531
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8





#85

sec-Butylbenzene

Concen: 46.689 ug/l

RT: 13.385 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

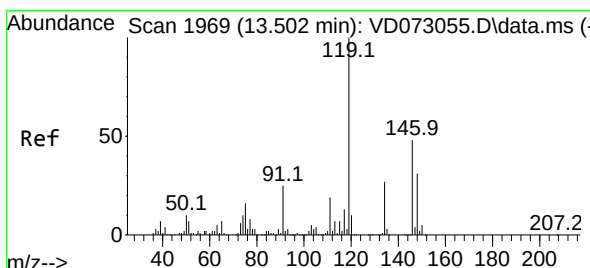
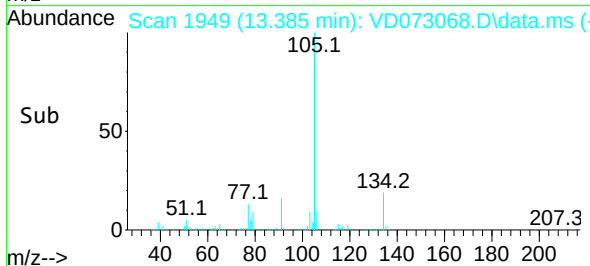
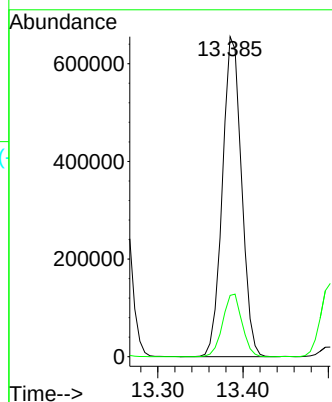
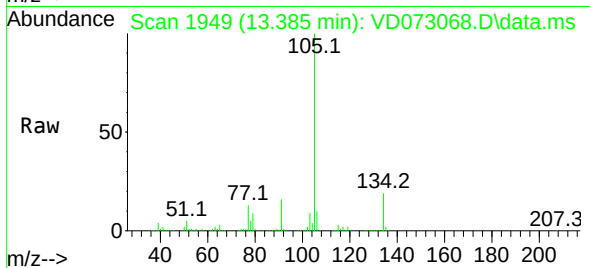
ClientSampleId :

Tgt Ion:105 Resp: 1021545

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 47.238 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

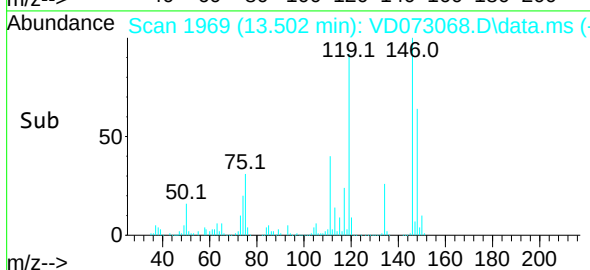
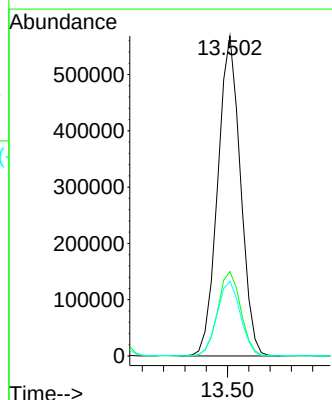
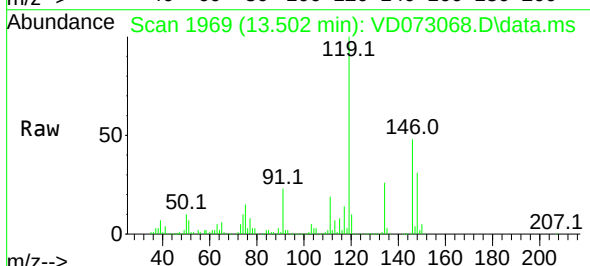
Tgt Ion:119 Resp: 840705

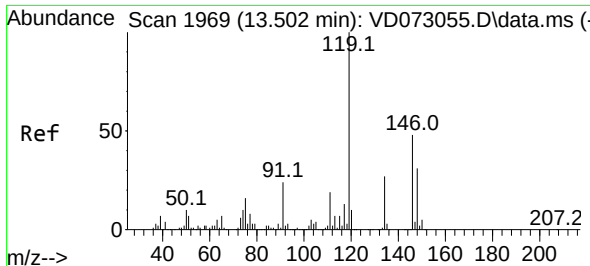
Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.6

91 23.9 12.1 36.3

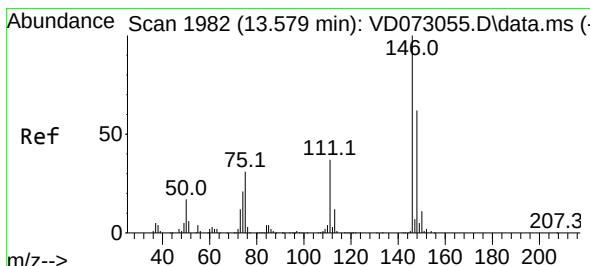
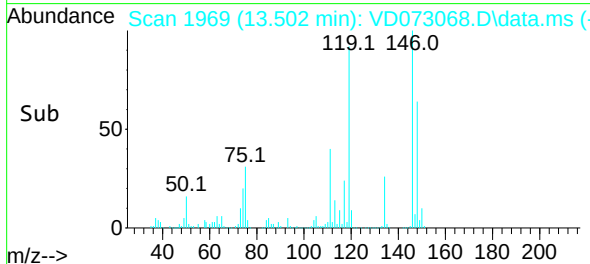
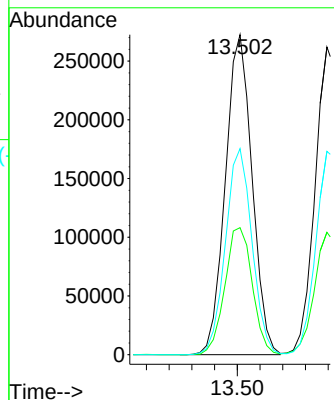
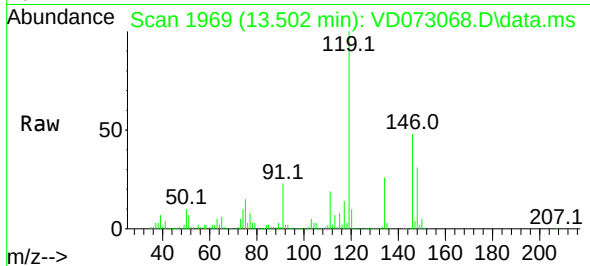




#87
 1,3-Dichlorobenzene
 Concen: 45.423 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073068.D
 Acq: 17 May 2022 20:33

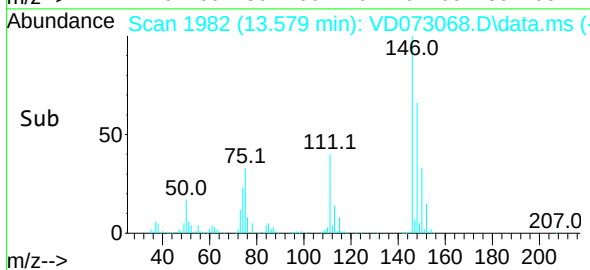
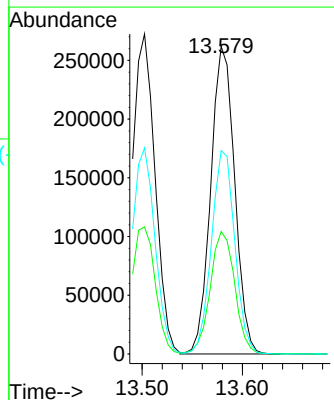
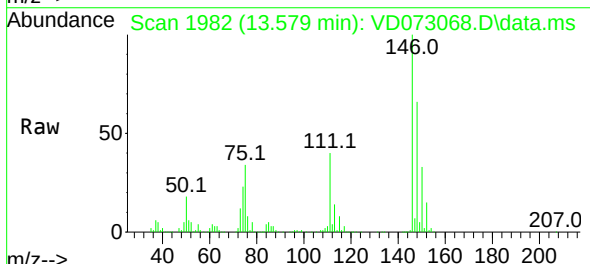
Instrument :
 MSVOA_D
 ClientSampleId :

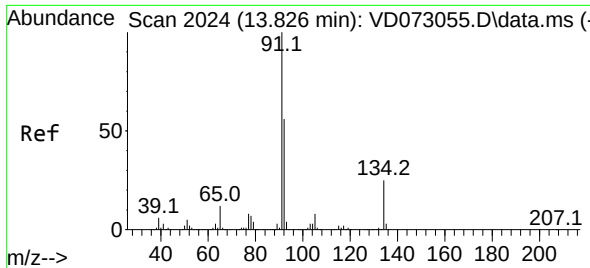
Tgt Ion:146 Resp: 444969
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.4 61.3
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 44.930 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD073068.D
 Acq: 17 May 2022 20:33

Tgt Ion:146 Resp: 434940
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 60.9
 148 64.6 31.7 95.1

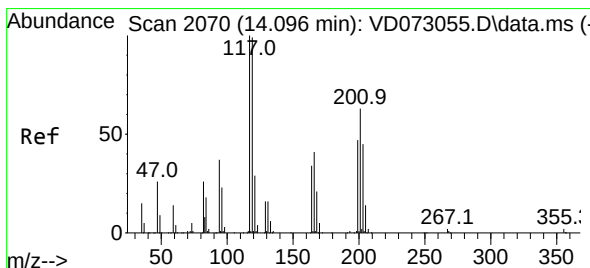
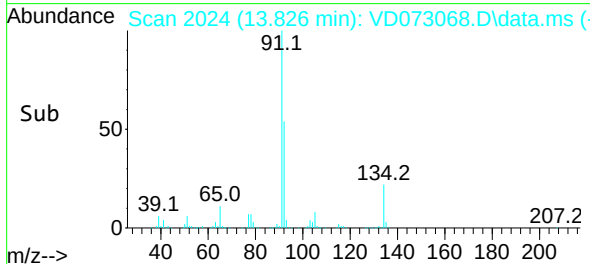
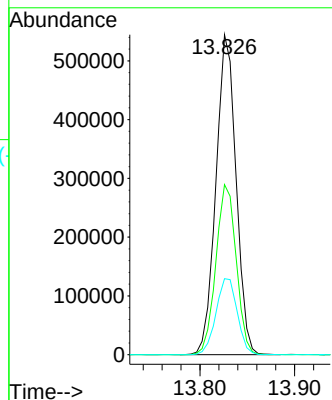
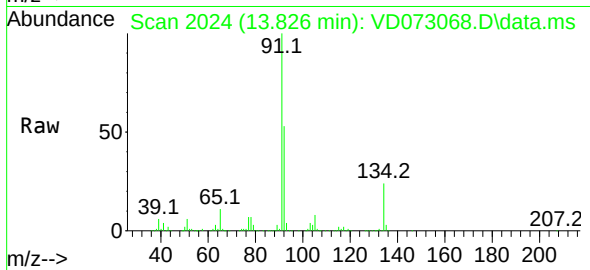




#89
n-Butylbenzene
Concen: 46.443 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

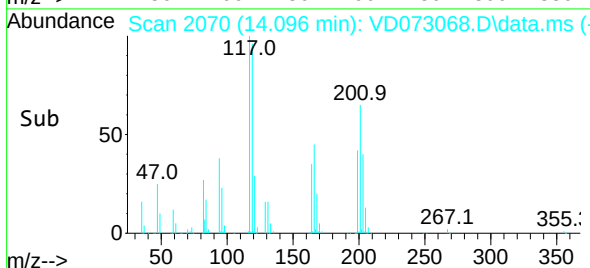
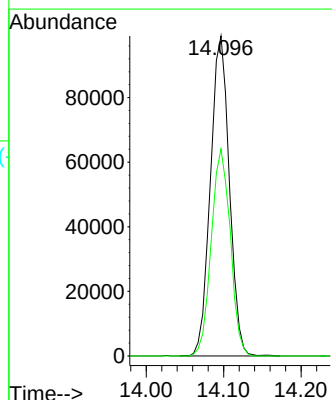
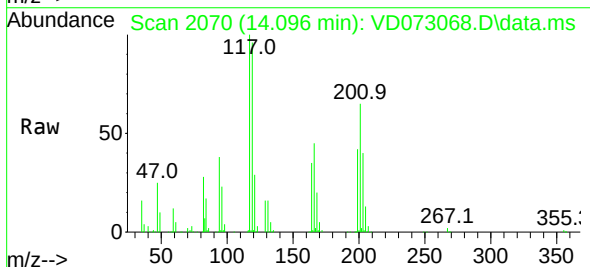
Instrument :
MSVOA_D
ClientSampleId :

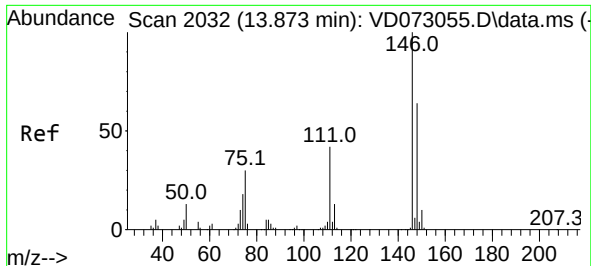
Tgt Ion: 91 Resp: 803812
Ion Ratio Lower Upper
91 100
92 53.7 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 45.387 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

Tgt Ion: 117 Resp: 167842
Ion Ratio Lower Upper
117 100
201 65.0 33.4 100.2

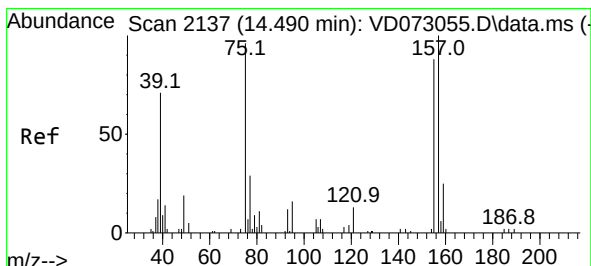
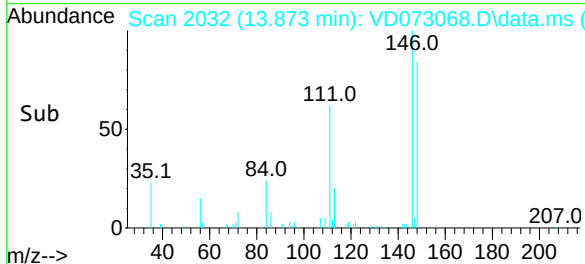
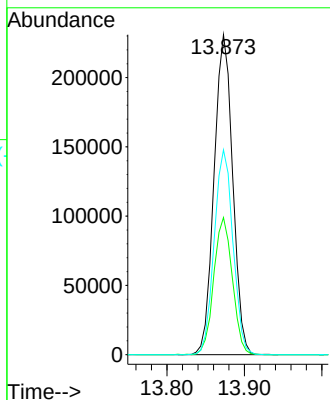
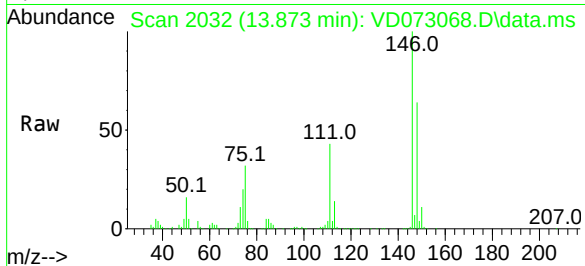




#91
1,2-Dichlorobenzene
Concen: 45.419 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

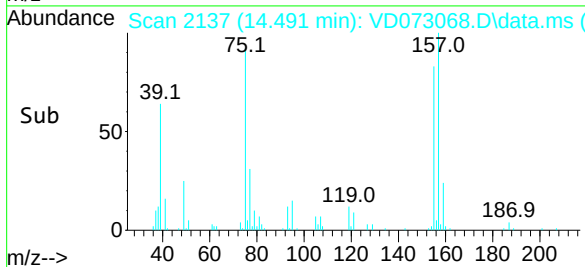
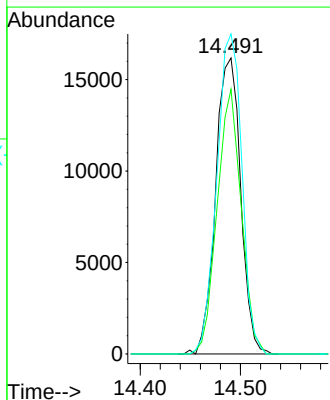
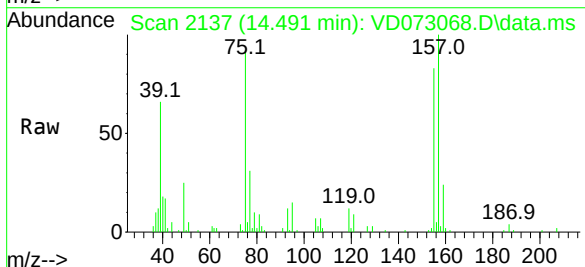
Instrument :
MSVOA_D
ClientSampleId :

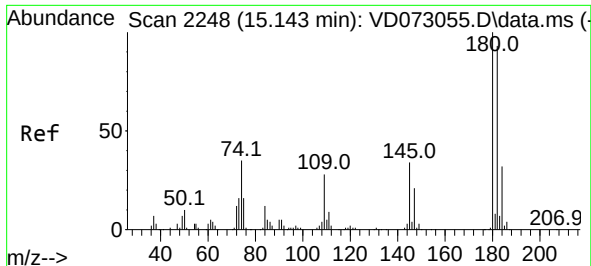
Tgt Ion:146 Resp: 385904
Ion Ratio Lower Upper
146 100
111 42.7 21.1 63.3
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.764 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073068.D
Acq: 17 May 2022 20:33

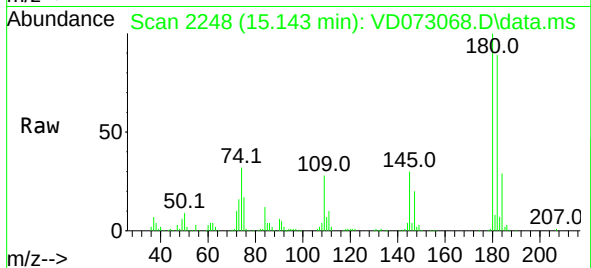
Tgt Ion: 75 Resp: 28013
Ion Ratio Lower Upper
75 100
155 86.1 36.8 110.3
157 108.6 48.4 145.0



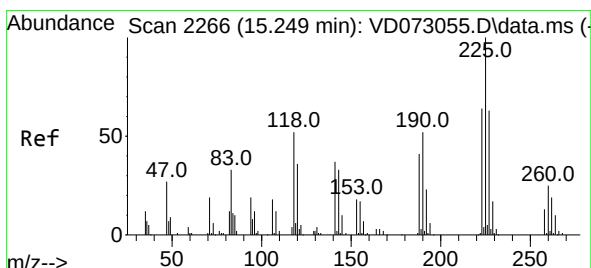
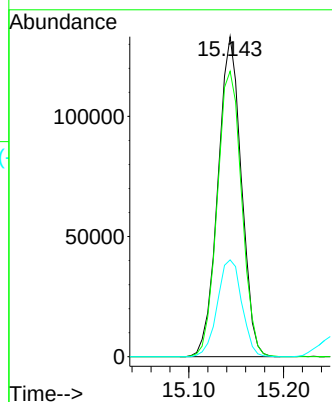
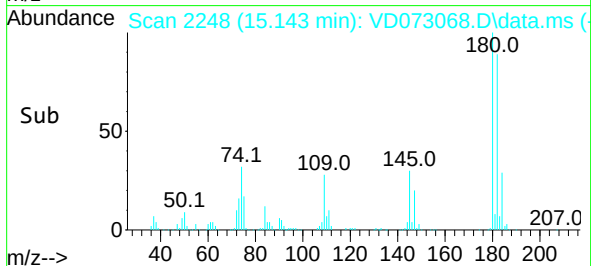


#93
 1,2,4-Trichlorobenzene
 Concen: 47.346 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD073068.D
 Acq: 17 May 2022 20:33

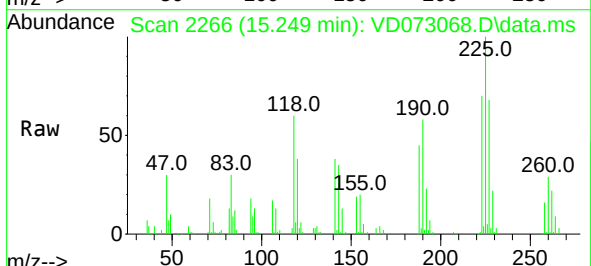
Instrument :
 MSVOA_D
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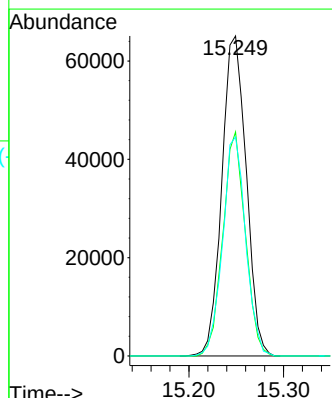
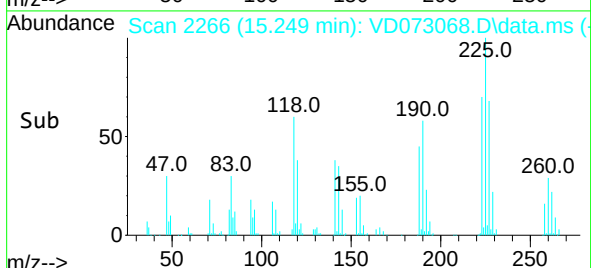
Tgt Ion:180 Resp: 229522
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.3 142.0
 145 31.4 16.2 48.5

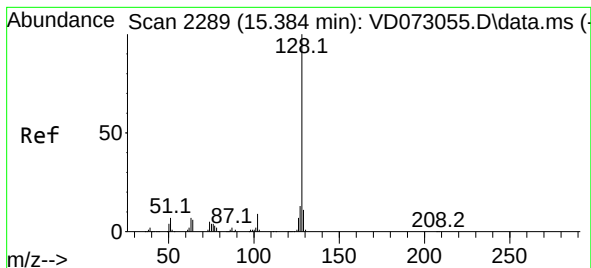


#94
 Hexachlorobutadiene
 Concen: 43.014 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073068.D
 Acq: 17 May 2022 20:33



Tgt Ion:225 Resp: 116392
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.1 93.2
 227 64.7 32.4 97.0





#95

Naphthalene

Concen: 43.653 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Instrument :

MSVOA_D

ClientSampleId :

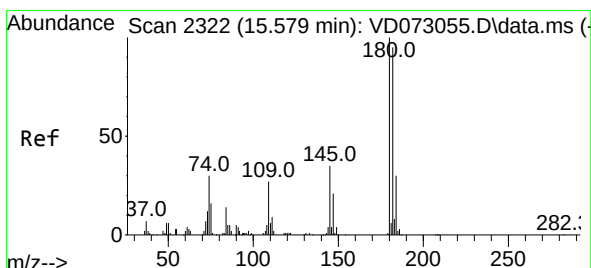
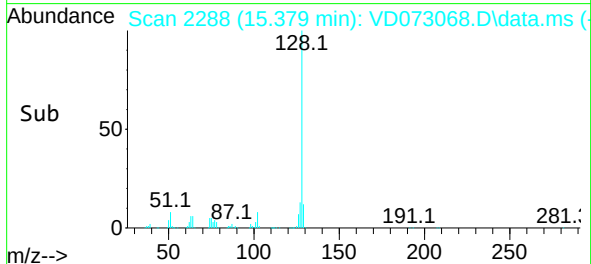
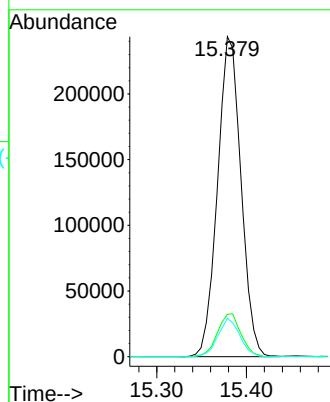
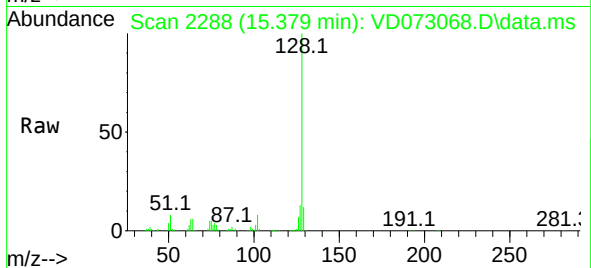
Tgt Ion:128 Resp: 442123

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.478 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD073068.D

Acq: 17 May 2022 20:33

Tgt Ion:180 Resp: 204342

Ion Ratio Lower Upper

180 100

182 93.3 47.6 142.9

145 35.2 17.1 51.3

