

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
 Data File : VD073647.D
 Acq On : 21 Jun 2022 16:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 22 06:01:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	241702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	393054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	369551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	191648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	135543	48.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.908	113	138319	48.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.020%
50) Toluene-d8	10.332	98	507475	49.725	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.620	95	183497	49.028	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	106990	51.599	ug/l	95
3) Chloromethane	2.208	50	99471	47.095	ug/l	98
4) Vinyl Chloride	2.344	62	101247	50.842	ug/l	97
5) Bromomethane	2.761	94	71720	51.673	ug/l	100
6) Chloroethane	2.914	64	67002	51.992	ug/l	94
7) Trichlorofluoromethane	3.261	101	238043	51.600	ug/l	99
8) Diethyl Ether	3.708	74	63159	52.480	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	134864	50.608	ug/l	97
10) Methyl Iodide	4.297	142	144150	55.841	ug/l	100
11) Tert butyl alcohol	5.208	59	66241	360.791	ug/l #	89
12) 1,1-Dichloroethene	4.061	96	120205	51.603	ug/l	97
13) Acrolein	3.914	56	25295	247.648	ug/l	95
14) Allyl chloride	4.702	41	178797	53.343	ug/l	99
15) Acrylonitrile	5.408	53	150316	275.312	ug/l	98
16) Acetone	4.150	43	127441	288.246	ug/l	94
17) Carbon Disulfide	4.402	76	337642	50.280	ug/l	97
18) Methyl Acetate	4.708	43	65715	54.477	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	311861	56.584	ug/l	96
20) Methylene Chloride	4.955	84	169463	59.392	ug/l	96
21) trans-1,2-Dichloroethene	5.467	96	148570	53.643	ug/l	89
22) Diisopropyl ether	6.355	45	414708	55.145	ug/l	98
23) Vinyl Acetate	6.296	43	1149138	292.211	ug/l	99
24) 1,1-Dichloroethane	6.255	63	259971	51.626	ug/l	100
25) 2-Butanone	7.196	43	183862	285.674	ug/l	96
26) 2,2-Dichloropropane	7.196	77	243345	52.599	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	169191	52.955	ug/l	99
28) Bromochloromethane	7.538	49	100120	53.083	ug/l	98
29) Tetrahydrofuran	7.555	42	112433	281.677	ug/l	99
30) Chloroform	7.702	83	292505	51.310	ug/l	100
31) Cyclohexane	7.979	56	213379	50.429	ug/l	99
32) 1,1,1-Trichloroethane	7.891	97	263670	51.977	ug/l	100
36) 1,1-Dichloropropene	8.102	75	206933	51.812	ug/l	99
37) Ethyl Acetate	7.279	43	84684	55.107	ug/l	100
38) Carbon Tetrachloride	8.085	117	237530	52.364	ug/l	98
39) Methylcyclohexane	9.349	83	235394	53.191	ug/l	98
40) Benzene	8.343	78	590838	51.141	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	40637	47.772	ug/l #	82
42) 1,2-Dichloroethane	8.414	62	175087	50.734	ug/l	100
43) Isopropyl Acetate	8.443	43	161335	55.769	ug/l	98
44) Trichloroethene	9.102	130	161500	49.080	ug/l	95
45) 1,2-Dichloropropane	9.379	63	146881	50.591	ug/l	100
46) Dibromomethane	9.461	93	85899	52.102	ug/l	98
47) Bromodichloromethane	9.655	83	224069	52.226	ug/l	98
48) Methyl methacrylate	9.443	41	80438	54.930	ug/l	95
49) 1,4-Dioxane	9.449	88	19750	1081.035	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	422562	284.504	ug/l	98
52) Toluene	10.390	92	391728	51.876	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	205040	52.187	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	238053	51.822	ug/l	96
55) 1,1,2-Trichloroethane	10.790	97	119919	51.510	ug/l	98
56) Ethyl methacrylate	10.649	69	144338	56.182	ug/l	99
57) 1,3-Dichloropropane	10.937	76	201109	52.450	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	276255	267.382	ug/l	98
59) 2-Hexanone	10.973	43	294206	287.241	ug/l	98
60) Dibromochloromethane	11.126	129	155136	51.116	ug/l	100
61) 1,2-Dibromoethane	11.237	107	114536	51.354	ug/l	99
64) Tetrachloroethene	10.867	164	136008	49.718	ug/l	94
65) Chlorobenzene	11.661	112	425188	51.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	167660	52.427	ug/l	99
67) Ethyl Benzene	11.731	91	762432	54.345	ug/l	97
68) m/p-Xylenes	11.843	106	593069	107.345	ug/l	99
69) o-Xylene	12.167	106	281963	54.755	ug/l	100
70) Styrene	12.184	104	484106	54.821	ug/l	99
71) Bromoform	12.349	173	91267	52.413	ug/l #	99
73) Isopropylbenzene	12.467	105	752696	54.432	ug/l	100
74) N-amyl acetate	12.273	43	159451	57.051	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	135207	51.994	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	174702	94.186	ug/l #	3
77) Bromobenzene	12.749	156	175386	52.118	ug/l	99
78) n-propylbenzene	12.808	91	935331	55.223	ug/l	100
79) 2-Chlorotoluene	12.896	91	532955	53.646	ug/l	100
80) 1,3,5-Trimethylbenzene	12.943	105	644202	54.547	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	43356	53.943	ug/l	95
82) 4-Chlorotoluene	12.990	91	555259	52.365	ug/l	99
83) tert-Butylbenzene	13.208	119	543004	53.115	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	643731	55.257	ug/l	99
85) sec-Butylbenzene	13.384	105	825241	54.286	ug/l	99
86) p-Isopropyltoluene	13.502	119	701997	55.906	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	353728	50.951	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	350514	50.941	ug/l	100
89) n-Butylbenzene	13.825	91	646529	54.761	ug/l	100
90) Hexachloroethane	14.096	117	136353	50.844	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	310851	51.900	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	23022	56.690	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	188846	54.125	ug/l	100
94) Hexachlorobutadiene	15.249	225	103837	52.514	ug/l	96
95) Naphthalene	15.384	128	351000	51.822	ug/l	100
96) 1,2,3-Trichlorobenzene	15.572	180	167748	55.268	ug/l	98

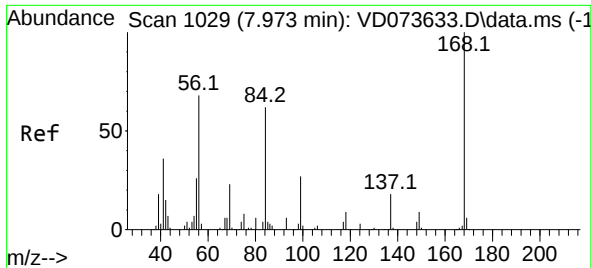
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
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Response via : Initial Calibration

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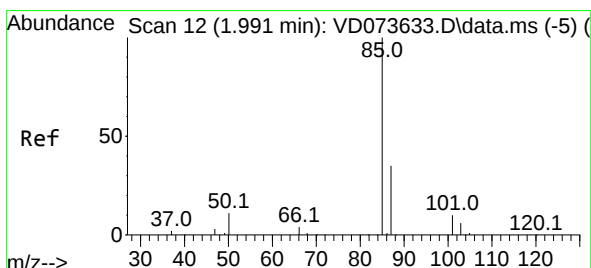
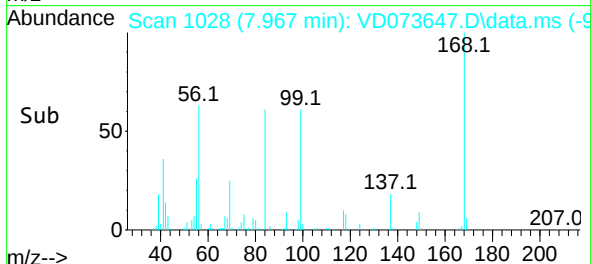
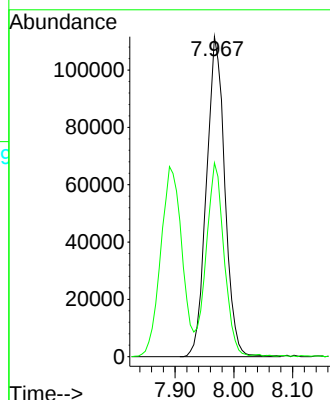
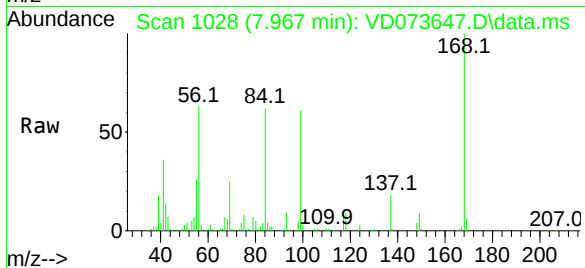
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

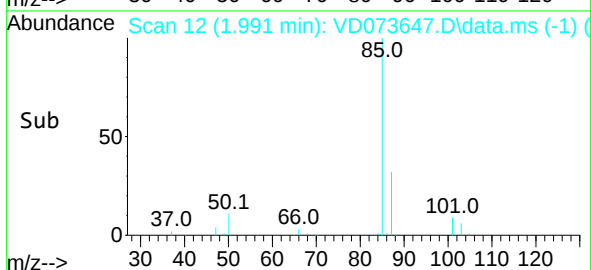
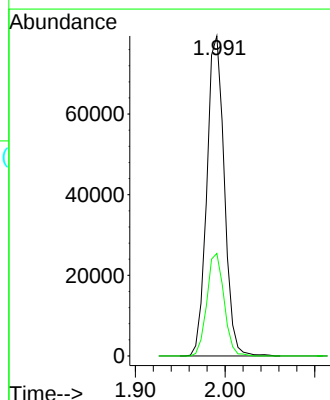
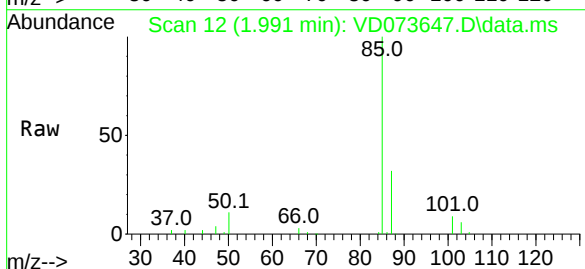
Instrument :
MSVOA_D
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VSTDCCC050EC

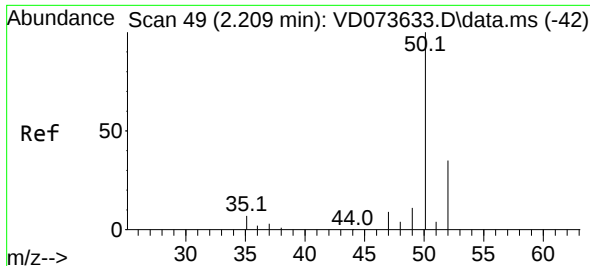
Tgt Ion:168 Resp: 241702
Ion Ratio Lower Upper
168 100
99 60.2 47.4 71.0



#2
Dichlorodifluoromethane
Concen: 51.599 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

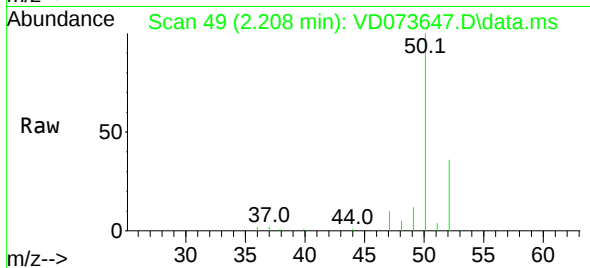
Tgt Ion: 85 Resp: 106990
Ion Ratio Lower Upper
85 100
87 32.0 17.4 52.2



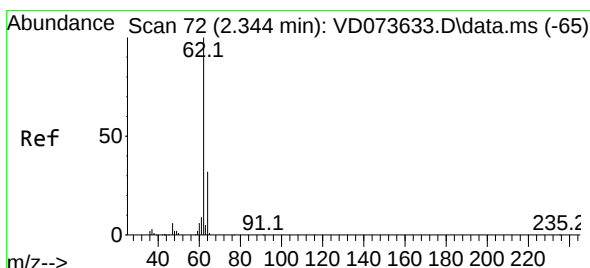
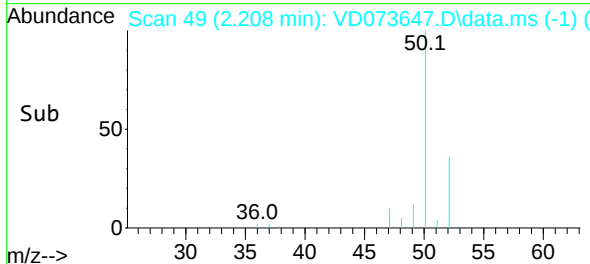
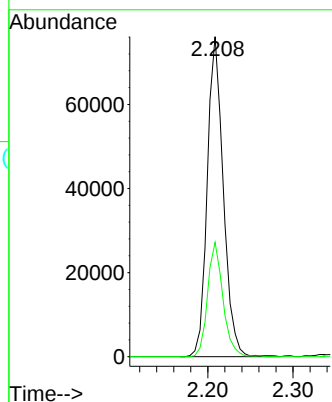


#3
Chloromethane
Concen: 47.095 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

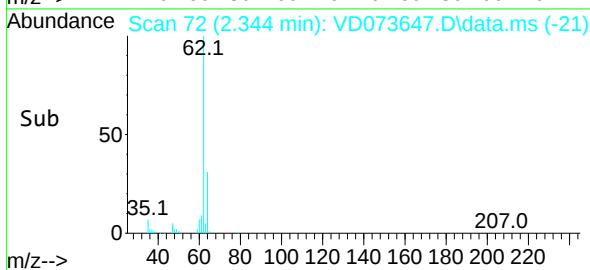
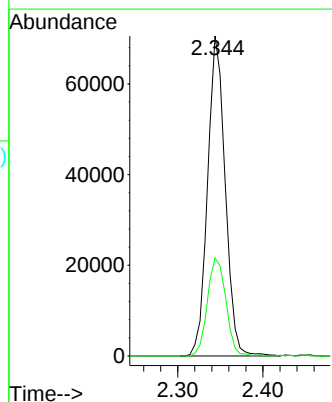
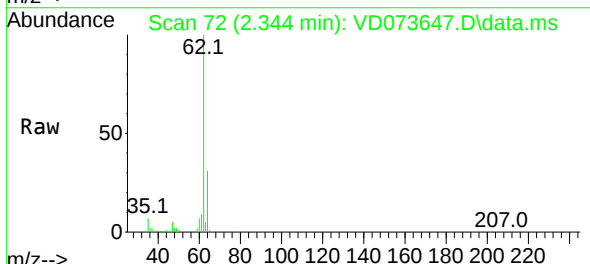


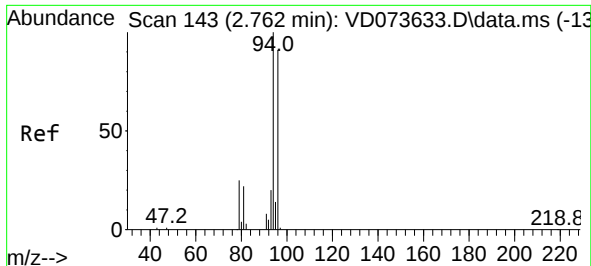
Tgt Ion: 50 Resp: 99471
Ion Ratio Lower Upper
50 100
52 35.8 27.8 41.8



#4
Vinyl Chloride
Concen: 50.842 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 62 Resp: 101247
Ion Ratio Lower Upper
62 100
64 30.6 25.9 38.9

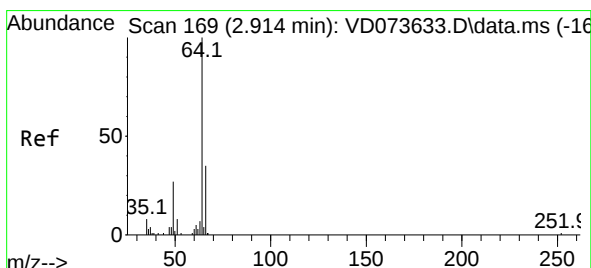
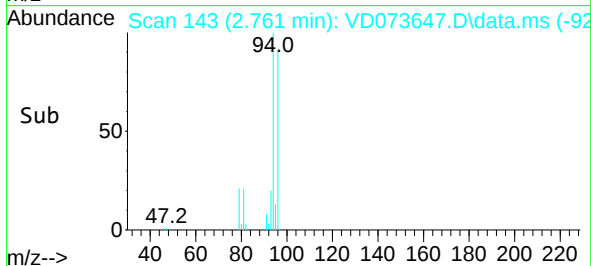
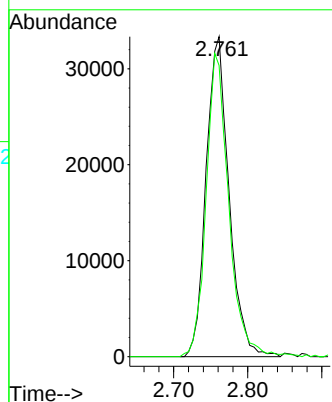
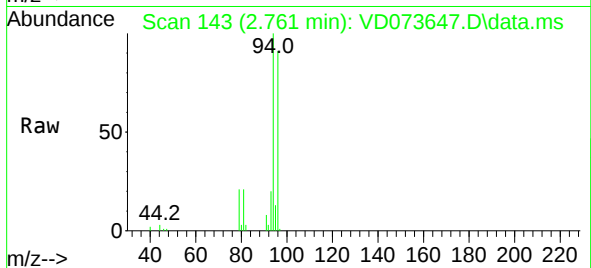




#5
Bromomethane
Concen: 51.673 ug/l
RT: 2.761 min Scan# 143
Delta R.T. -0.001 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

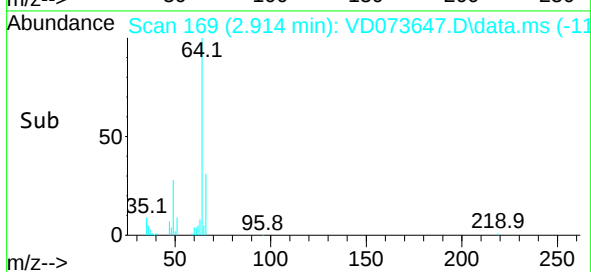
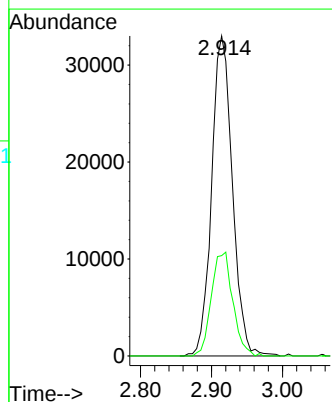
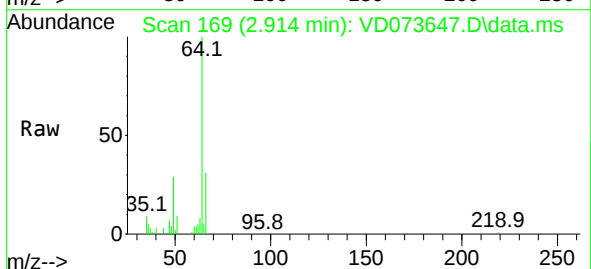
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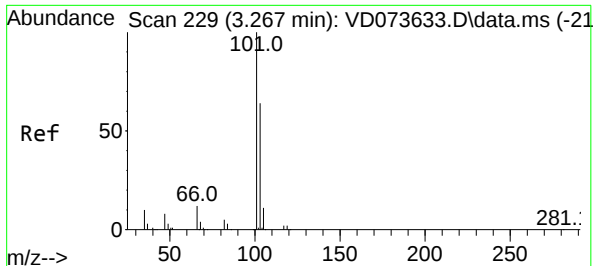
Tgt Ion: 94 Resp: 71720
Ion Ratio Lower Upper
94 100
96 91.0 72.6 108.8



#6
Chloroethane
Concen: 51.992 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 64 Resp: 67002
Ion Ratio Lower Upper
64 100
66 31.3 27.7 41.5

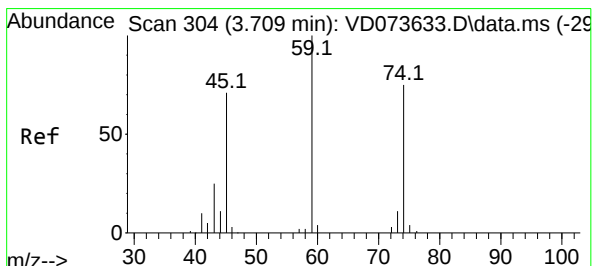
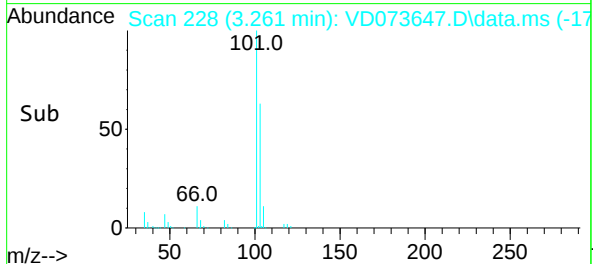
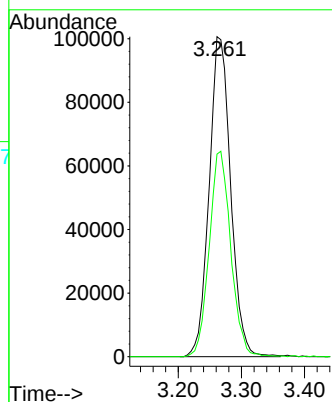
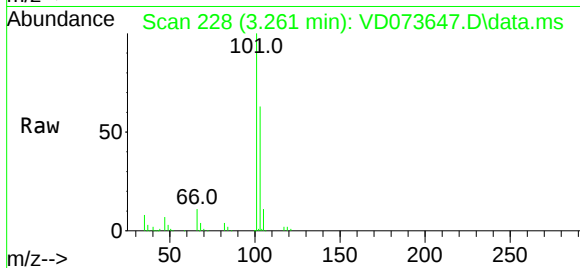




#7
Trichlorofluoromethane
Concen: 51.600 ug/l
RT: 3.261 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

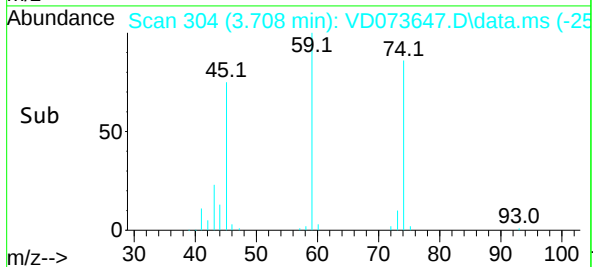
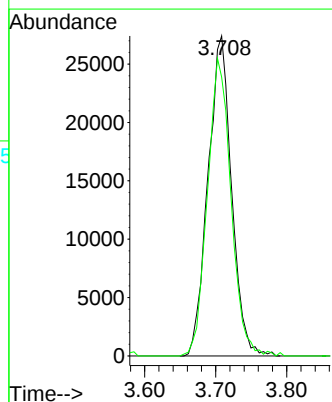
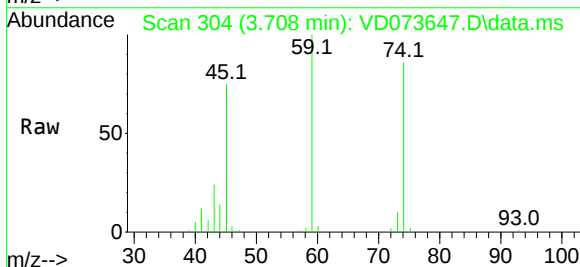
Instrument :
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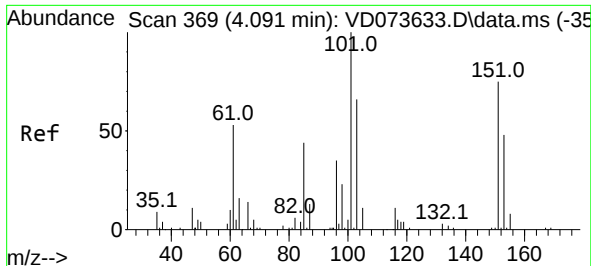
Tgt Ion:101 Resp: 238043
Ion Ratio Lower Upper
101 100
103 63.3 51.2 76.8



#8
Diethyl Ether
Concen: 52.480 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 74 Resp: 63159
Ion Ratio Lower Upper
74 100
45 93.1 47.6 142.8



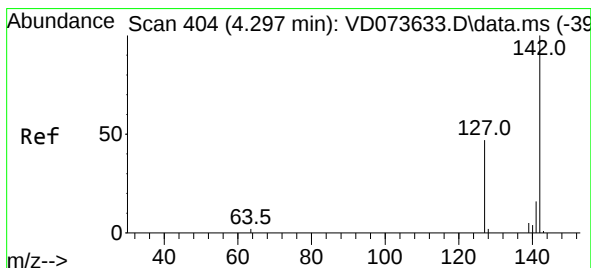
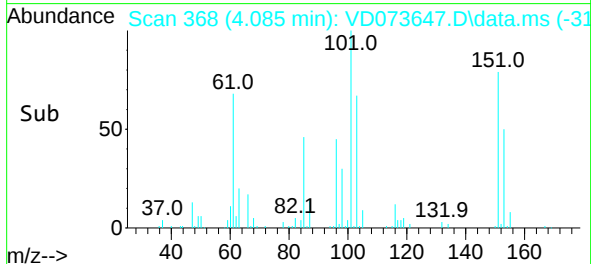
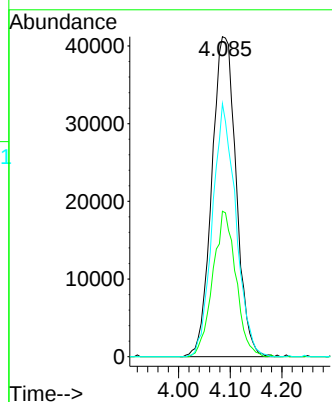
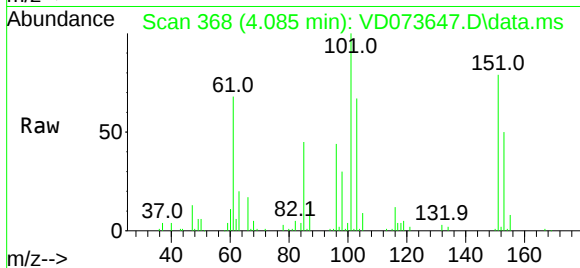


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.608 ug/l
 RT: 4.085 min Scan# 368
 Delta R.T. -0.006 min
 Lab File: VD073647.D
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Instrument :
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Tgt Ion:101 Resp: 134864

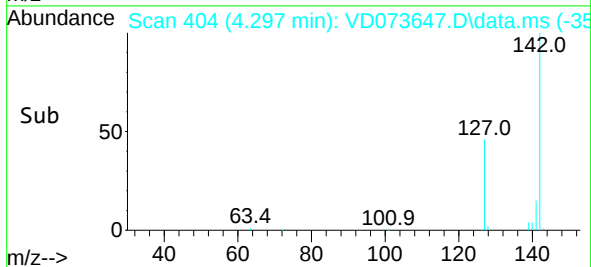
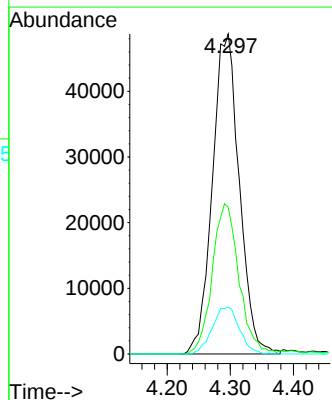
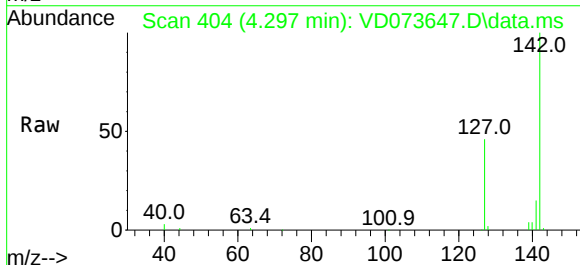
Ion	Ratio	Lower	Upper
101	100		
85	43.1	35.2	52.8
151	75.9	63.4	95.0

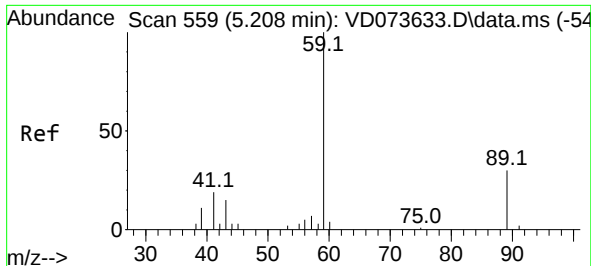


#10
 Methyl Iodide
 Concen: 55.841 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD073647.D
 Acq: 21 Jun 2022 16:41

Tgt Ion:142 Resp: 144150

Ion	Ratio	Lower	Upper
142	100		
127	46.4	37.2	55.8
141	14.8	12.3	18.5





#11

Tert butyl alcohol

Concen: 360.791 ug/l

RT: 5.208 min Scan# 51

Delta R.T. 0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

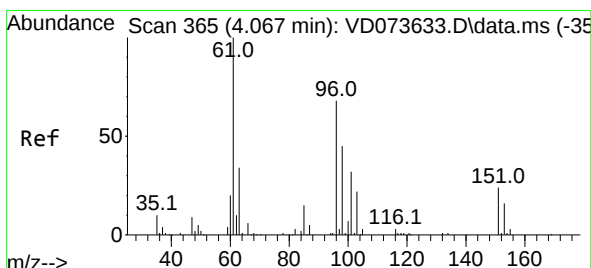
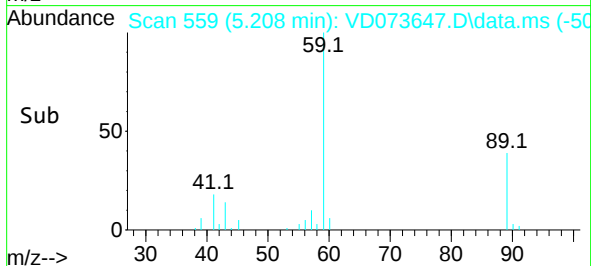
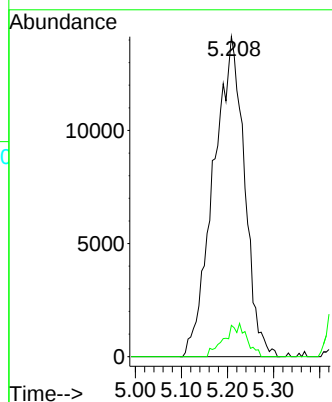
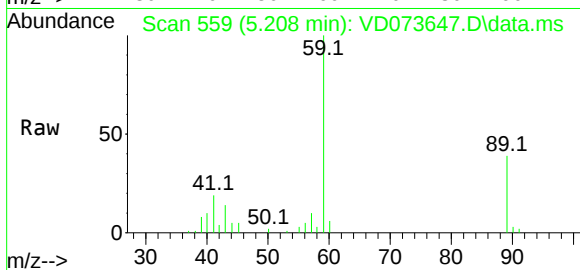
VSTDCCC050EC

Tgt Ion: 59 Resp: 66241

Ion Ratio Lower Upper

59 100

57 4.5 6.7 10.1#



#12

1,1-Dichloroethene

Concen: 51.603 ug/l

RT: 4.061 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

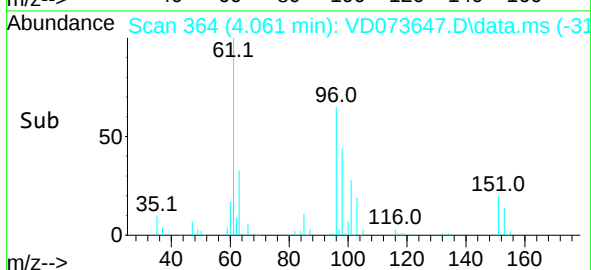
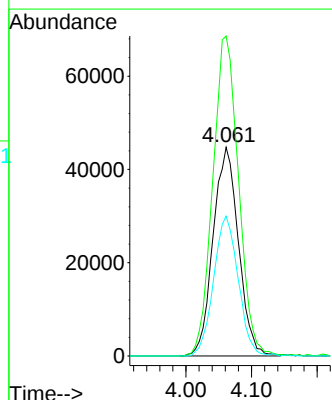
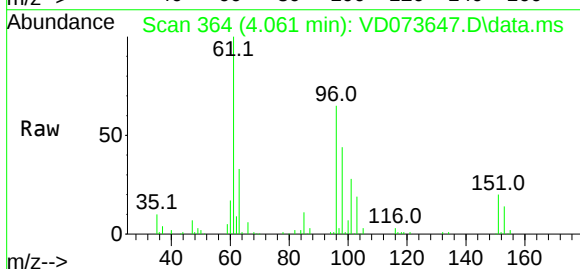
Tgt Ion: 96 Resp: 120205

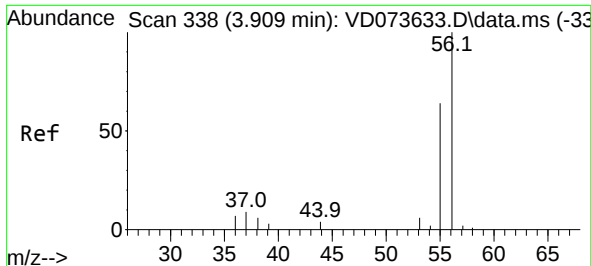
Ion Ratio Lower Upper

96 100

61 153.4 118.5 177.7

98 67.1 52.8 79.2

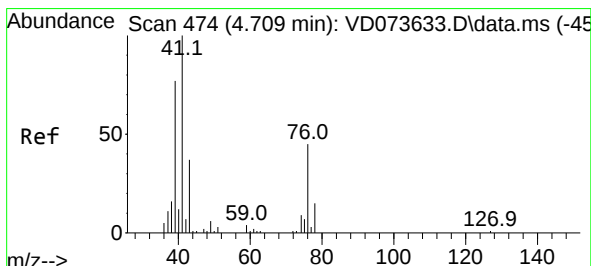
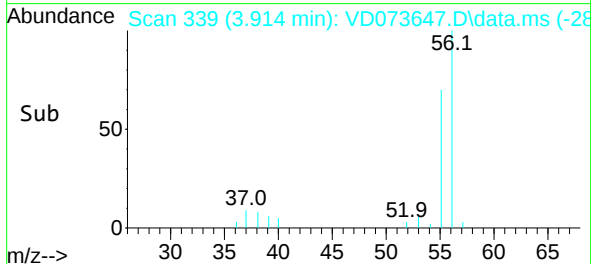
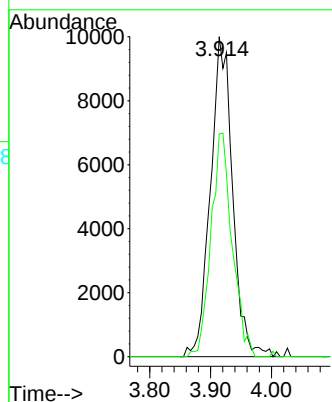
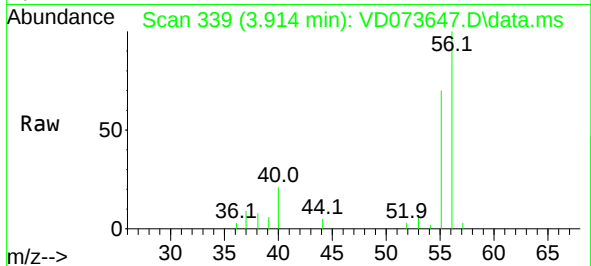




#13
Acrolein
Concen: 247.648 ug/l
RT: 3.914 min Scan# 31
Delta R.T. 0.005 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

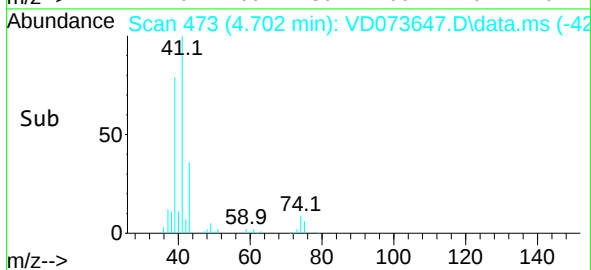
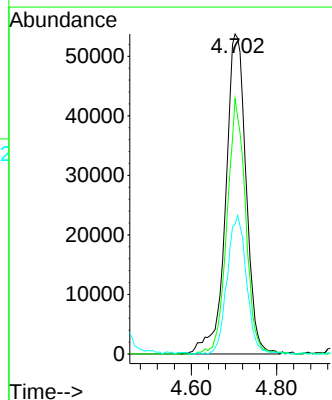
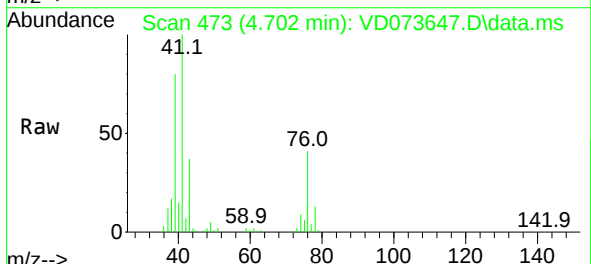
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

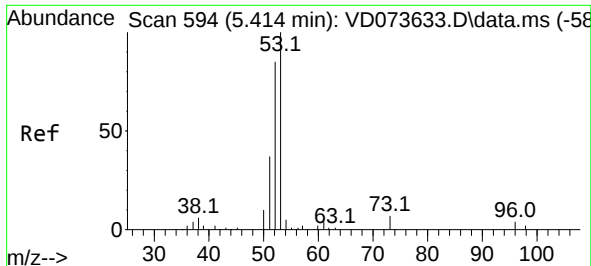
Tgt Ion: 56 Resp: 25295
Ion Ratio Lower Upper
56 100
55 66.6 56.4 84.6



#14
Allyl chloride
Concen: 53.343 ug/l
RT: 4.702 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 41 Resp: 178797
Ion Ratio Lower Upper
41 100
39 72.2 57.3 85.9
76 40.9 33.4 50.0

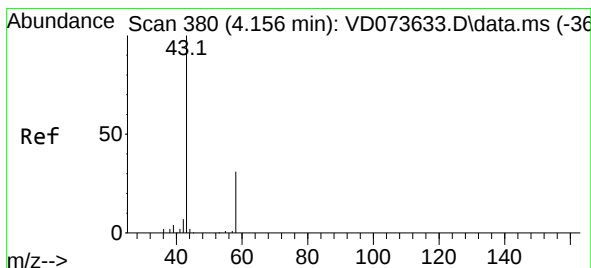
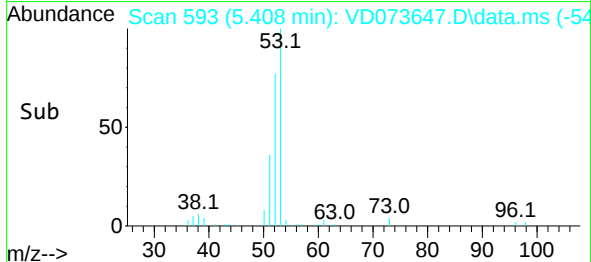
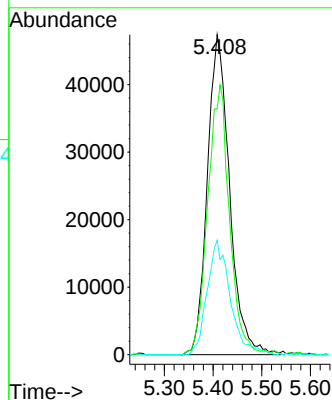
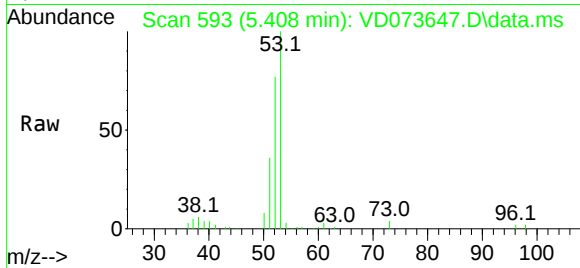




#15
Acrylonitrile
Concen: 275.312 ug/l
RT: 5.408 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

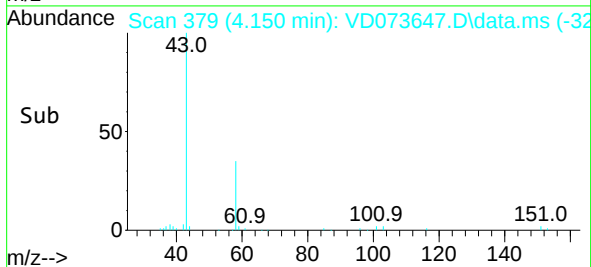
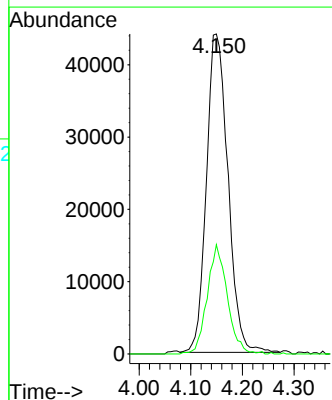
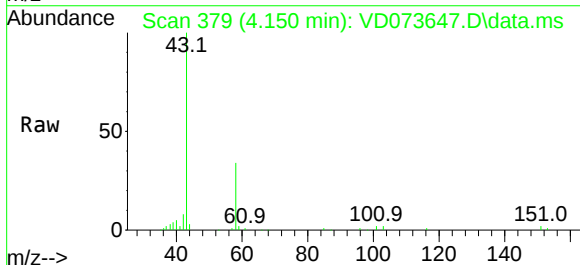
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

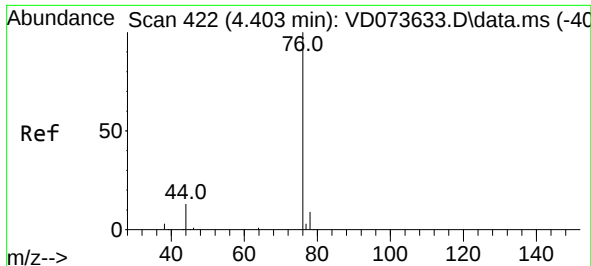
Tgt Ion: 53 Resp: 150316
Ion Ratio Lower Upper
53 100
52 82.6 64.6 97.0
51 37.2 29.6 44.4



#16
Acetone
Concen: 288.246 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 43 Resp: 127441
Ion Ratio Lower Upper
43 100
58 34.3 25.0 37.4

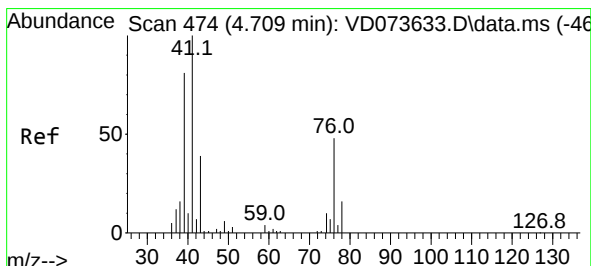
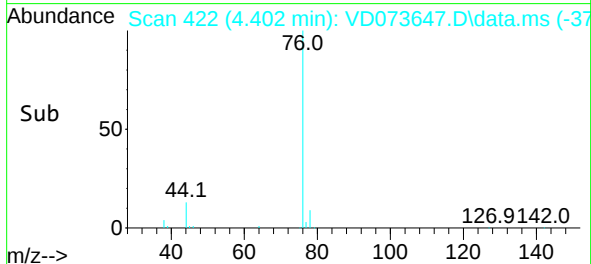
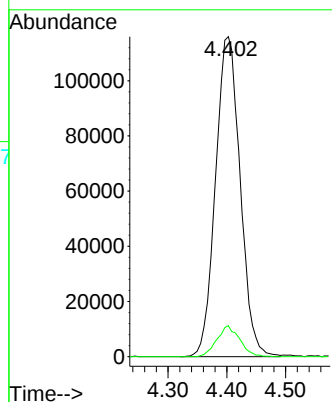
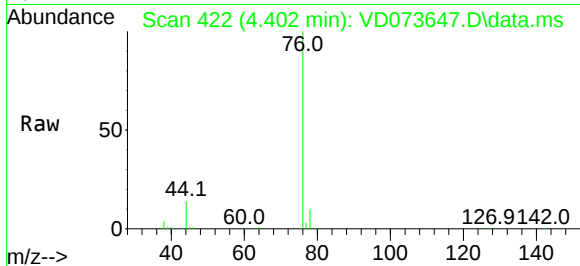




#17
Carbon Disulfide
Concen: 50.280 ug/l
RT: 4.402 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

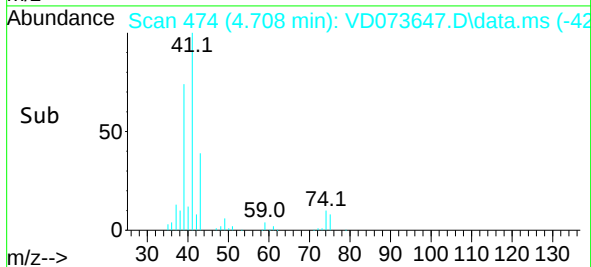
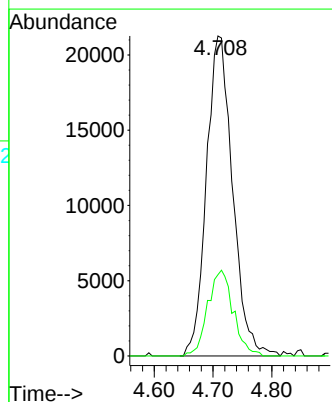
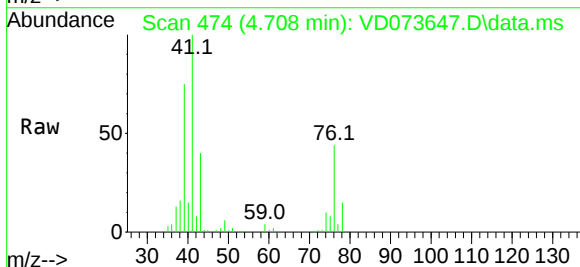
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

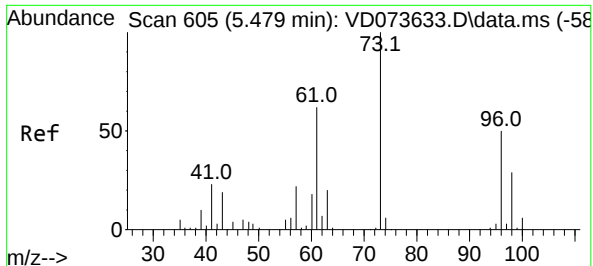
Tgt Ion: 76 Resp: 337642
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 54.477 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.001 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 43 Resp: 65715
Ion Ratio Lower Upper
43 100
74 26.1 21.2 31.8





#19

Methyl tert-butyl Ether

Concen: 56.584 ug/l

RT: 5.473 min Scan# 605

Delta R.T. -0.006 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

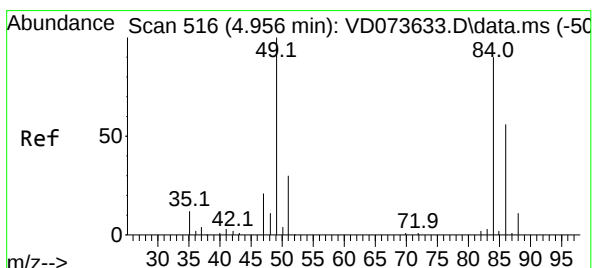
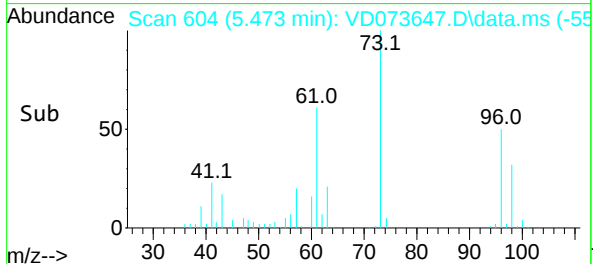
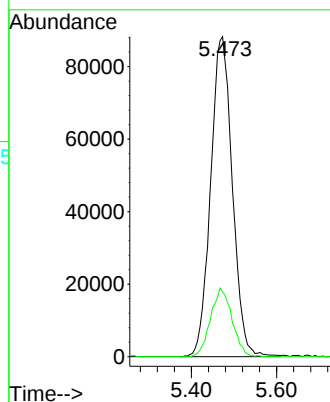
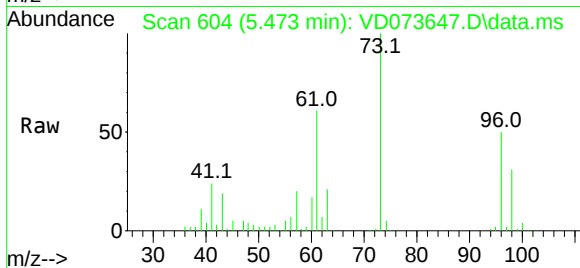
VSTDCCC050EC

Tgt Ion: 73 Resp: 311861

Ion Ratio Lower Upper

73 100

57 20.3 17.7 26.5



#20

Methylene Chloride

Concen: 59.392 ug/l

RT: 4.955 min Scan# 516

Delta R.T. -0.001 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Tgt Ion: 84 Resp: 169463

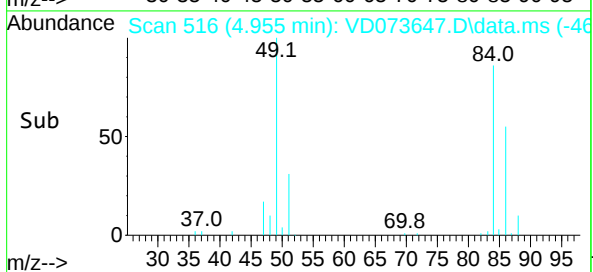
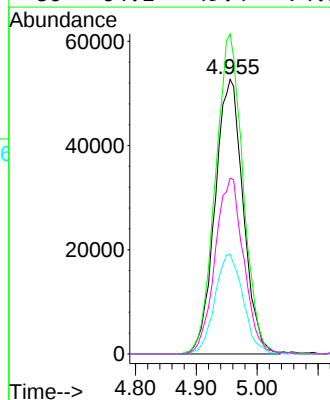
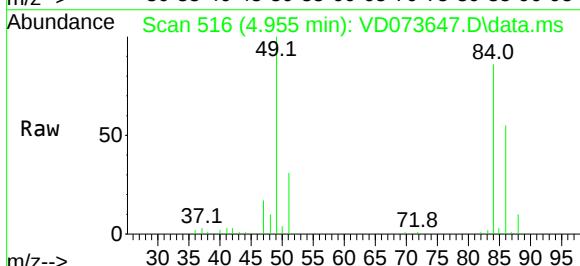
Ion Ratio Lower Upper

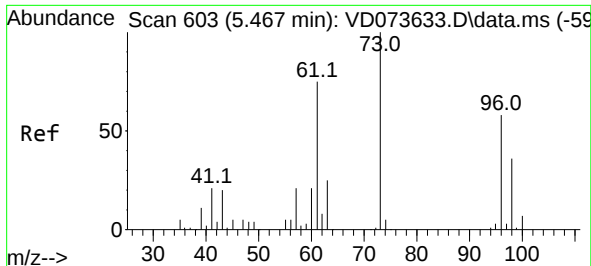
84 100

49 116.5 89.0 133.6

51 36.3 26.7 40.1

86 64.1 49.4 74.2

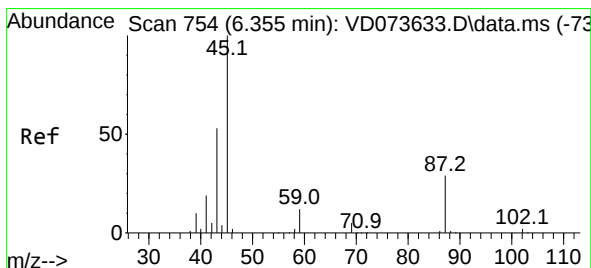
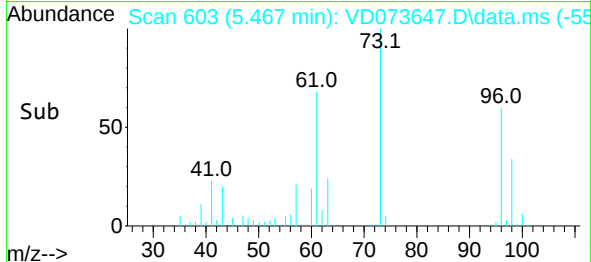
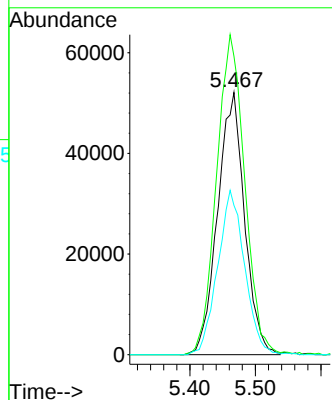
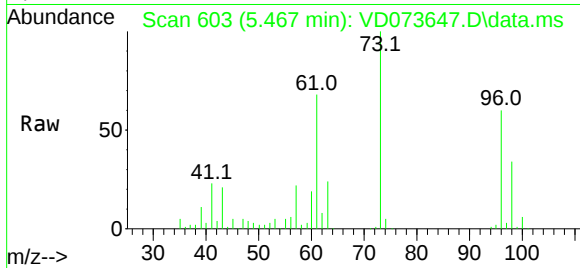




#21
trans-1,2-Dichloroethene
Concen: 53.643 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

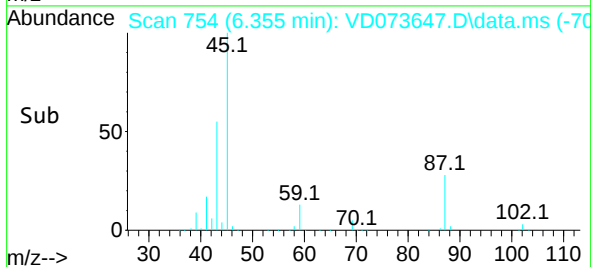
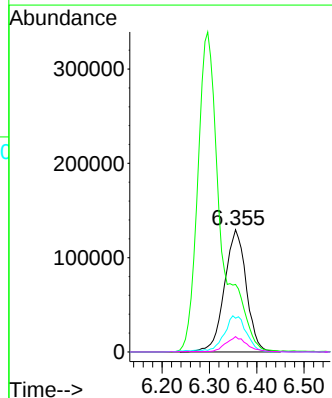
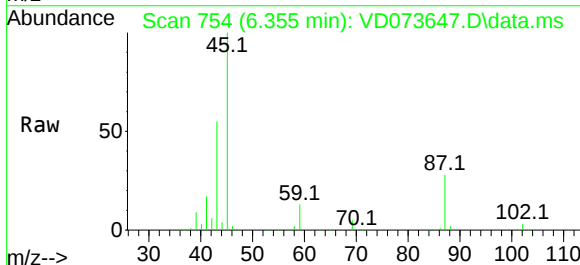
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

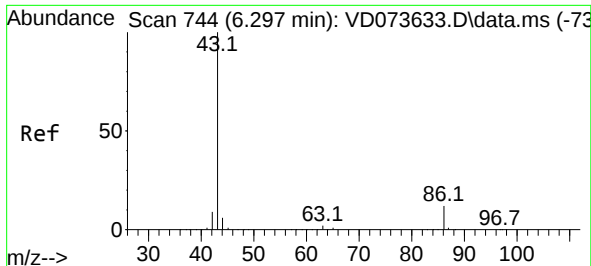
Tgt Ion: 96 Resp: 148570
Ion Ratio Lower Upper
96 100
61 113.8 103.2 154.8
98 56.9 50.2 75.4



#22
Diisopropyl ether
Concen: 55.145 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 45 Resp: 414708
Ion Ratio Lower Upper
45 100
43 54.5 43.8 65.6
87 27.4 23.8 35.6
59 12.4 10.2 15.2

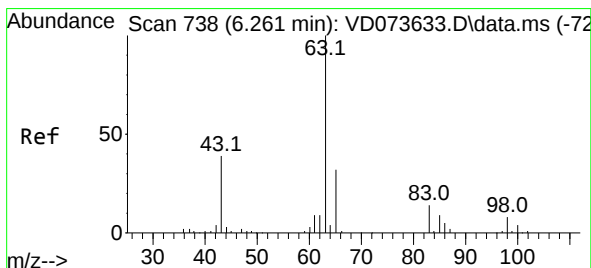
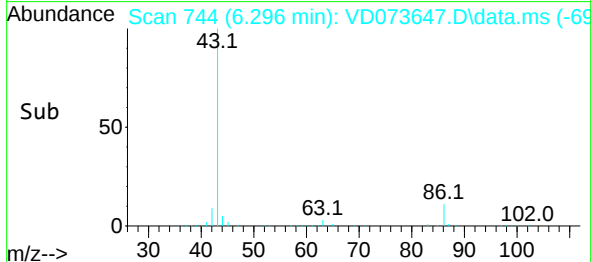
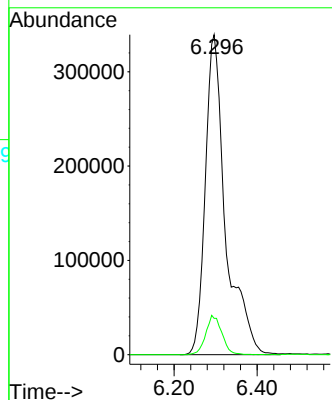
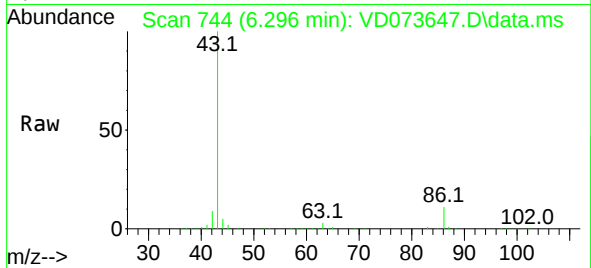




#23
 Vinyl Acetate
 Concen: 292.211 ug/l
 RT: 6.296 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073647.D
 Acq: 21 Jun 2022 16:41

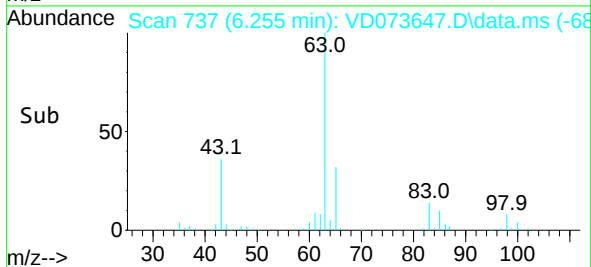
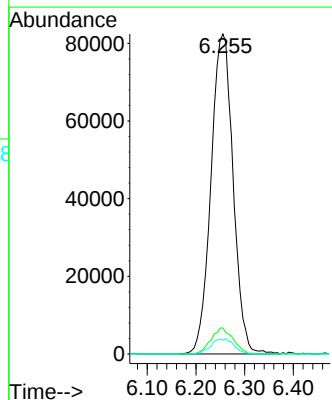
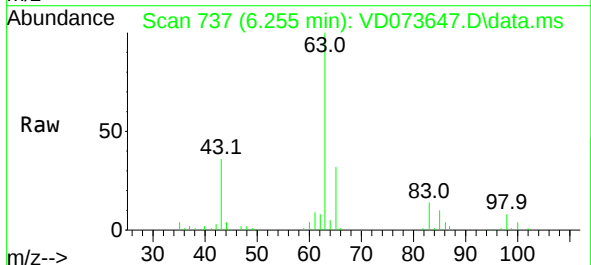
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

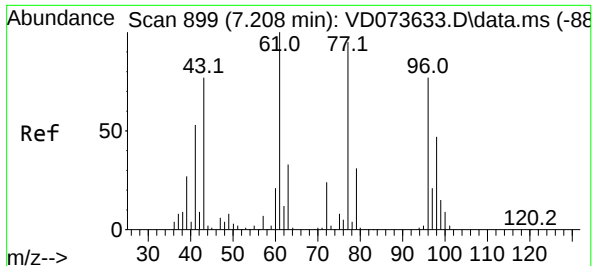
Tgt Ion: 43 Resp: 1149138
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 51.626 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073647.D
 Acq: 21 Jun 2022 16:41

Tgt Ion: 63 Resp: 259971
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.1 12.3
 100 4.3 2.1 6.2

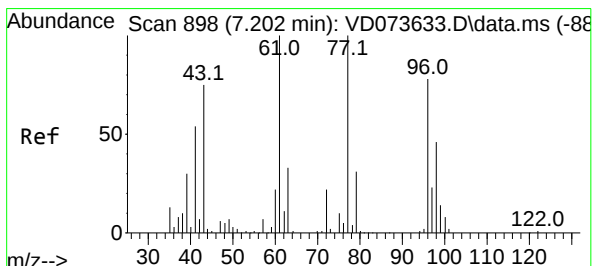
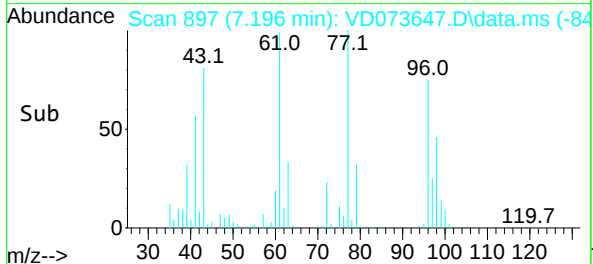
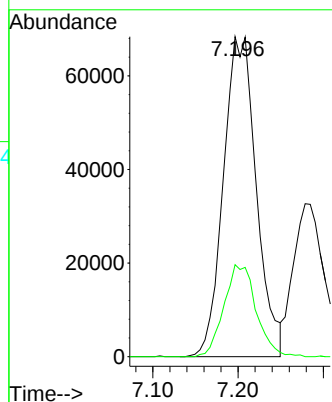
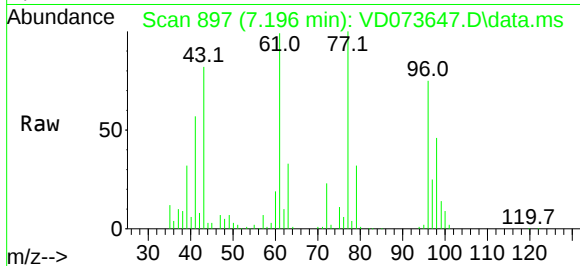




#25
2-Butanone
Concen: 285.674 ug/l
RT: 7.196 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

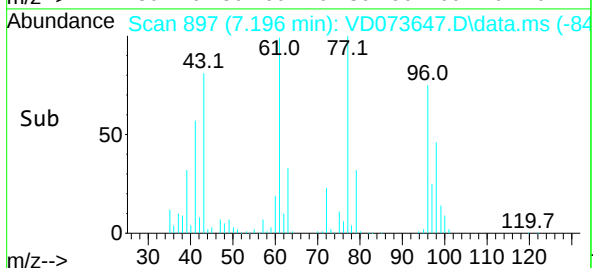
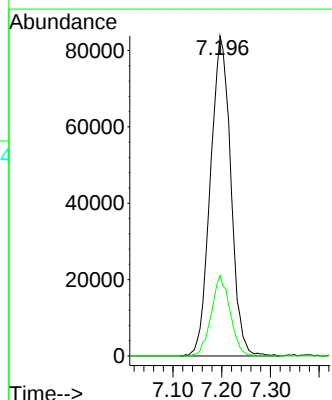
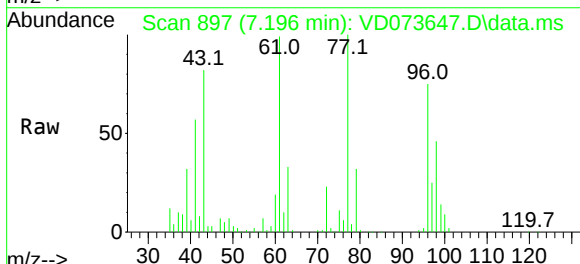
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

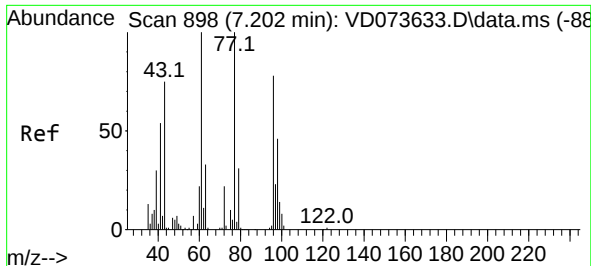
Tgt Ion: 43 Resp: 183862
Ion Ratio Lower Upper
43 100
72 28.7 24.7 37.1



#26
2,2-Dichloropropane
Concen: 52.599 ug/l
RT: 7.196 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 77 Resp: 243345
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.955 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

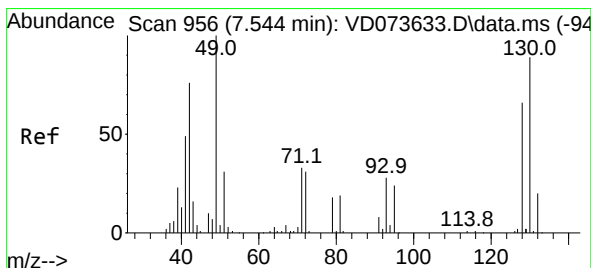
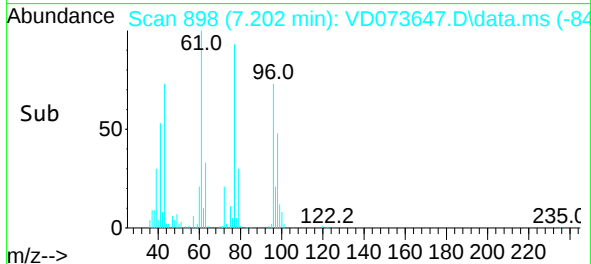
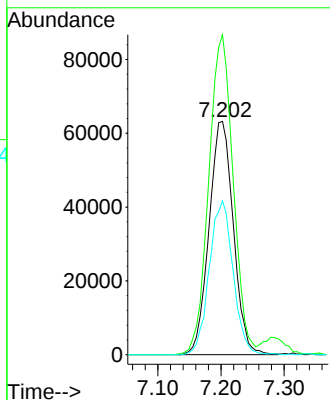
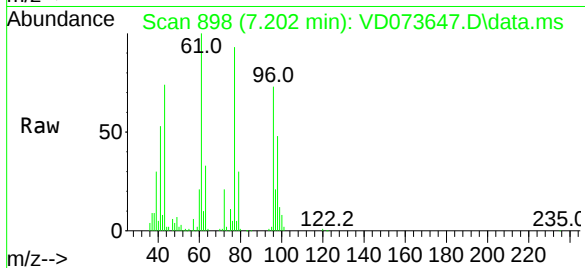
Tgt Ion: 96 Resp: 169191

Ion Ratio Lower Upper

96 100

61 137.2 0.0 273.2

98 64.4 0.0 126.8



#28

Bromochloromethane

Concen: 53.083 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.006 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

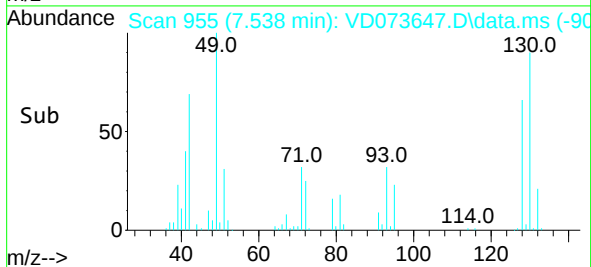
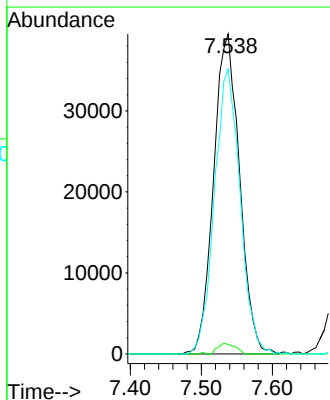
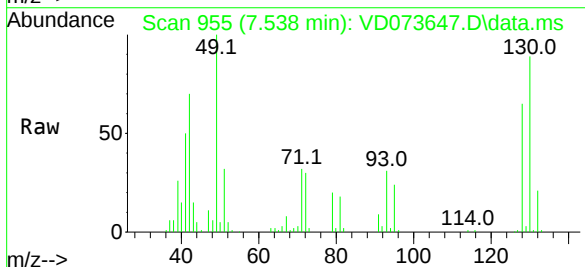
Tgt Ion: 49 Resp: 100120

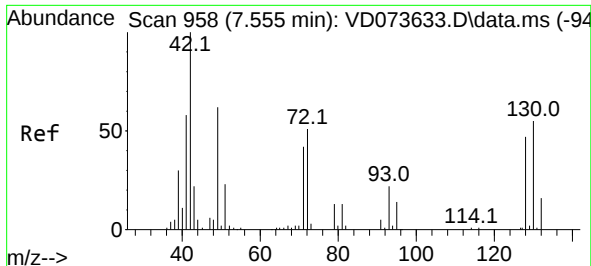
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.8

130 88.2 72.2 108.2





#29

Tetrahydrofuran

Concen: 281.677 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

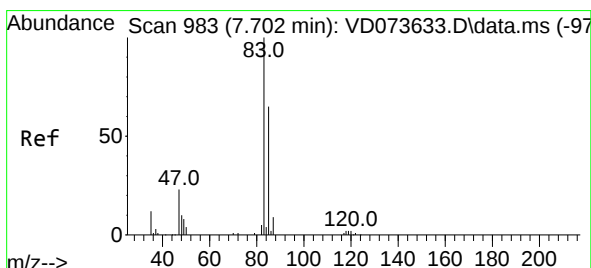
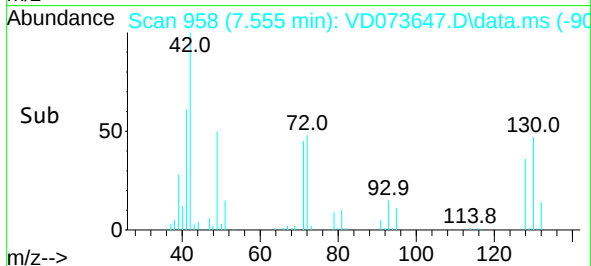
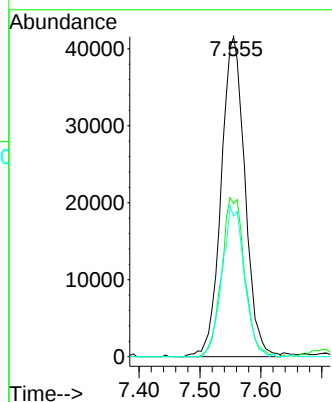
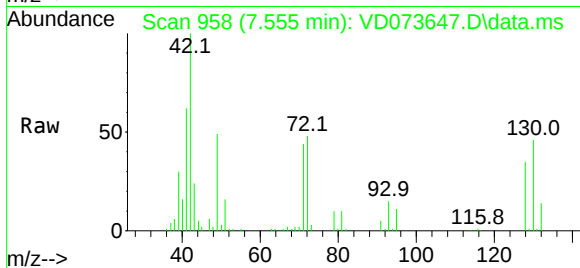
Tgt Ion: 42 Resp: 112433

Ion Ratio Lower Upper

42 100

72 48.4 37.9 56.9

71 44.7 35.2 52.8



#30

Chloroform

Concen: 51.310 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.000 min

Lab File: VD073647.D

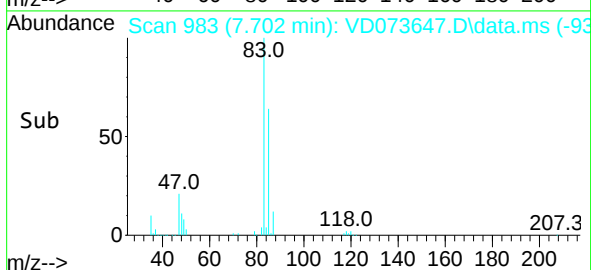
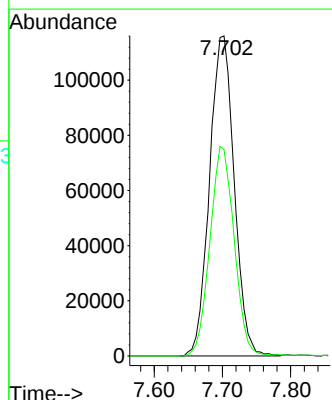
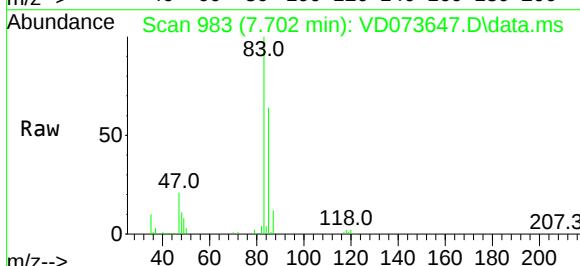
Acq: 21 Jun 2022 16:41

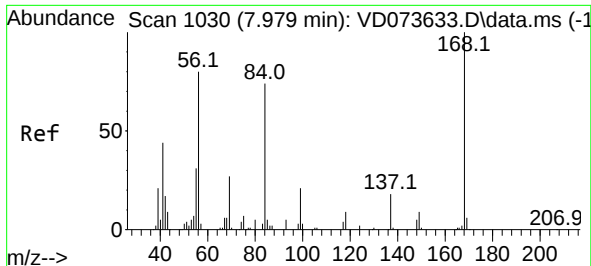
Tgt Ion: 83 Resp: 292505

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.8

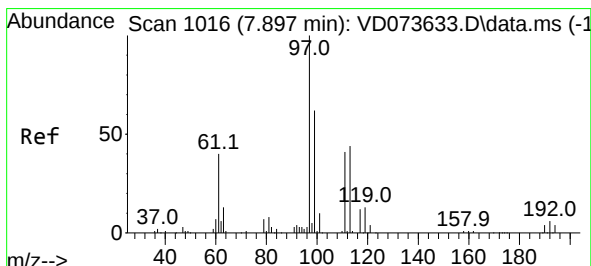
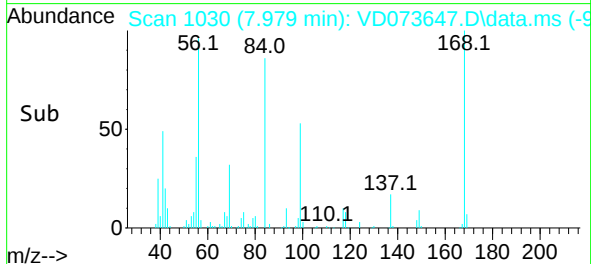
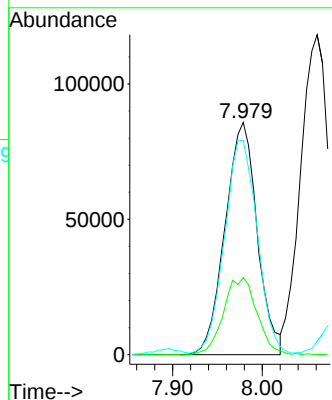
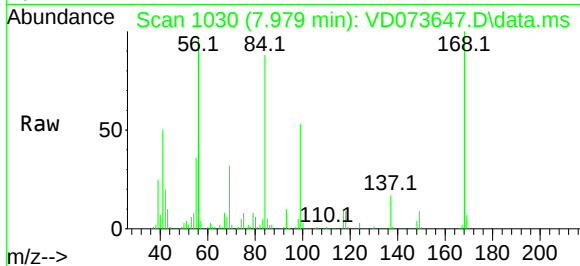




#31
Cyclohexane
Concen: 50.429 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

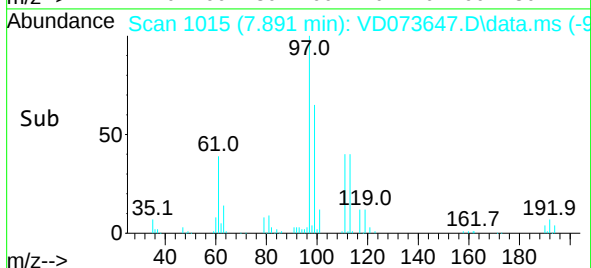
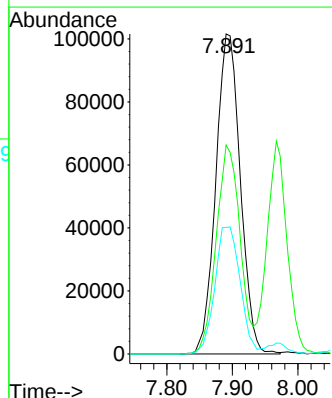
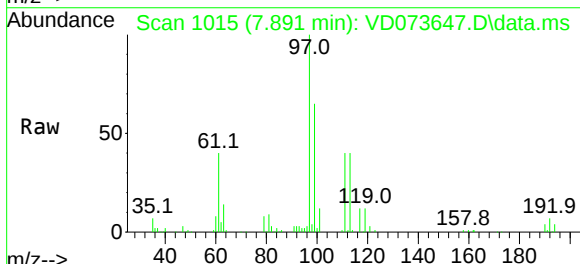
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

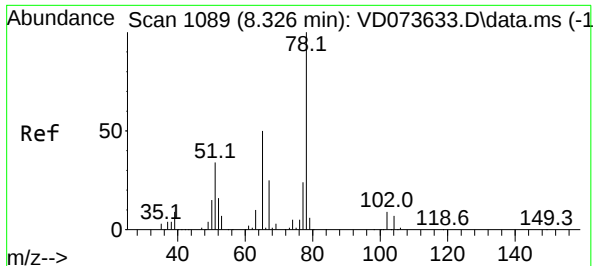
Tgt Ion: 56 Resp: 213379
Ion Ratio Lower Upper
56 100
69 33.2 26.9 40.3
84 90.7 73.8 110.8



#32
1,1,1-Trichloroethane
Concen: 51.977 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 97 Resp: 263670
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 41.0 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 48.738 ug/l

RT: 8.320 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

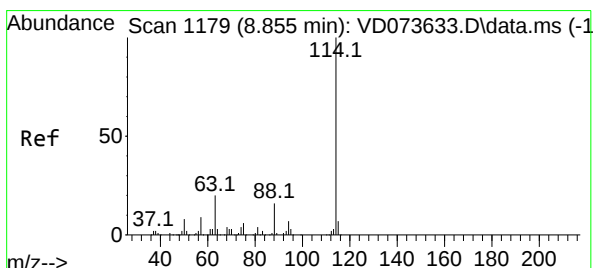
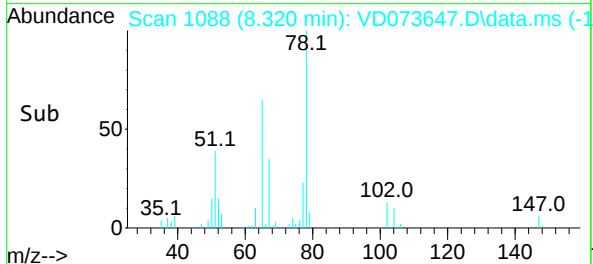
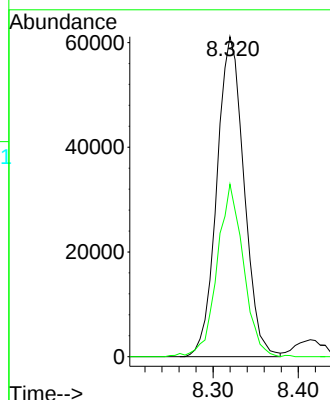
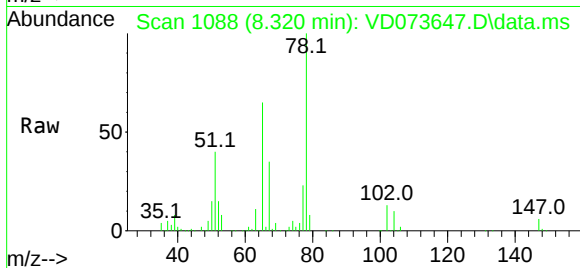
VSTDCCC050EC

Tgt Ion: 65 Resp: 135543

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

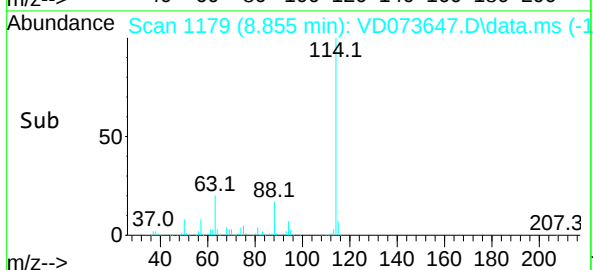
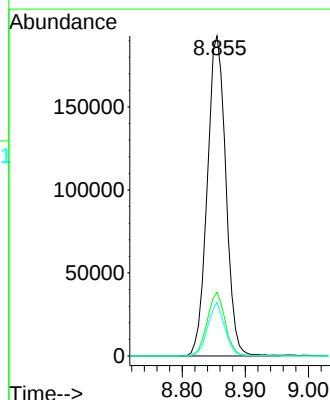
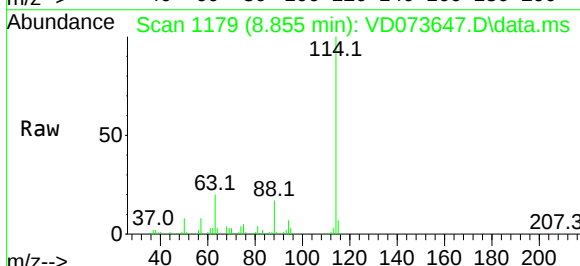
Tgt Ion: 114 Resp: 393054

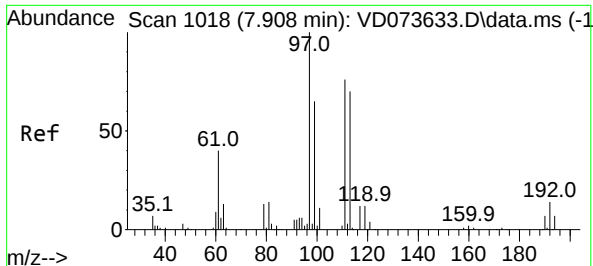
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.4

88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.509 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

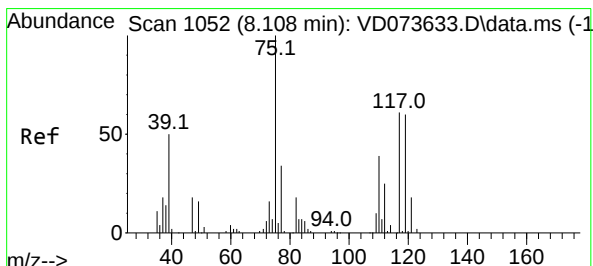
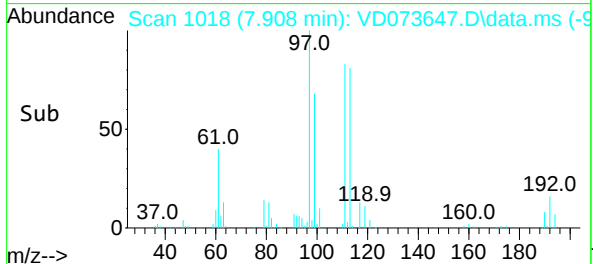
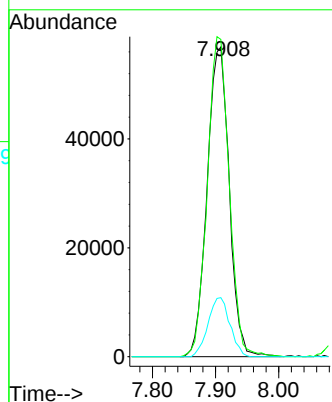
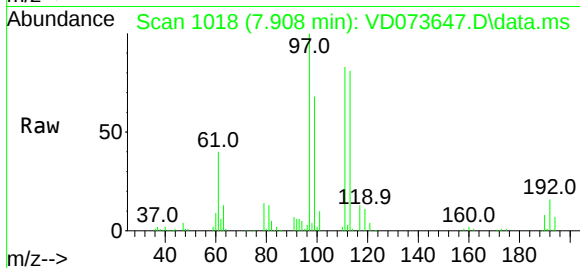
Tgt Ion:113 Resp: 138319

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

192 18.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 51.812 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

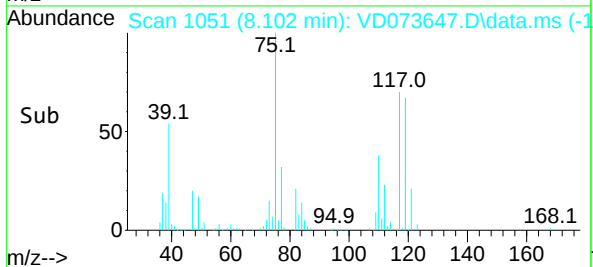
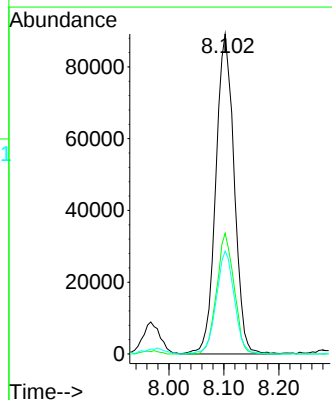
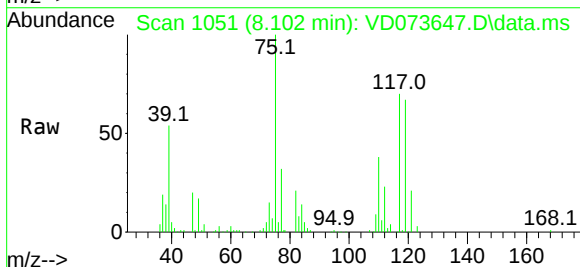
Tgt Ion: 75 Resp: 206933

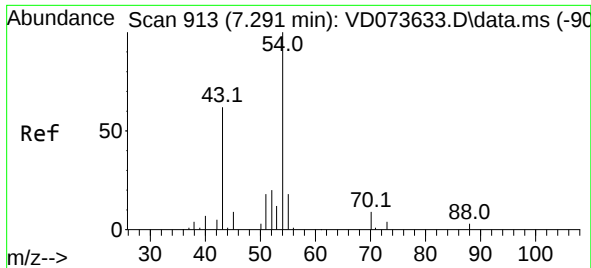
Ion Ratio Lower Upper

75 100

110 35.7 18.4 55.4

77 31.7 25.7 38.5





#37

Ethyl Acetate

Concen: 55.107 ug/l

RT: 7.279 min Scan# 913

Delta R.T. -0.012 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

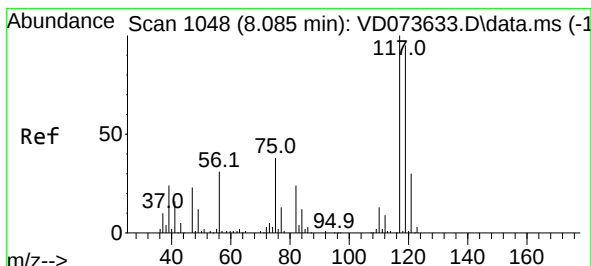
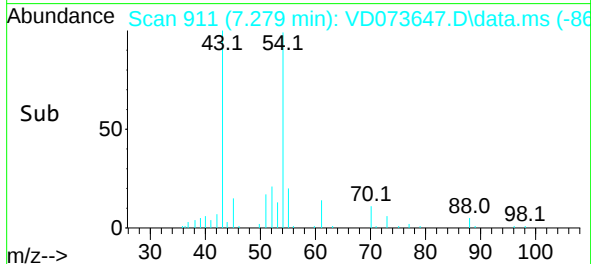
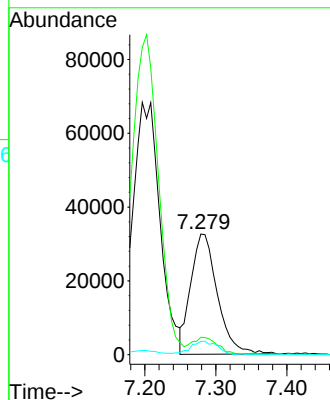
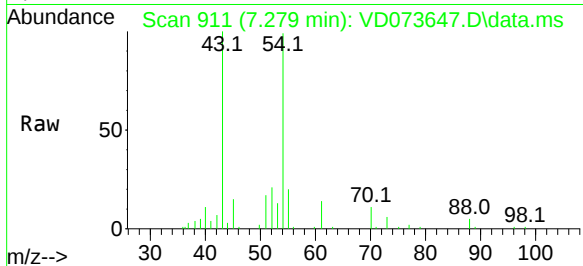
Tgt Ion: 43 Resp: 84684

Ion Ratio Lower Upper

43 100

61 13.1 10.5 15.7

70 11.3 8.9 13.3



#38

Carbon Tetrachloride

Concen: 52.364 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

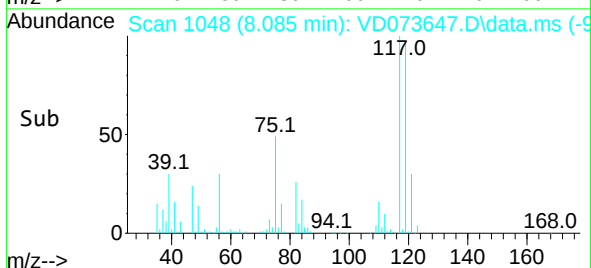
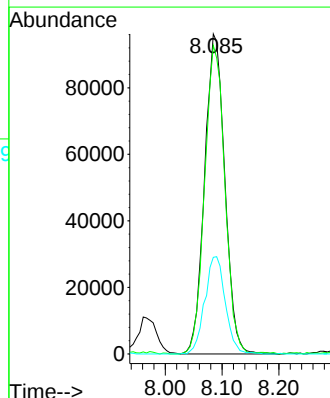
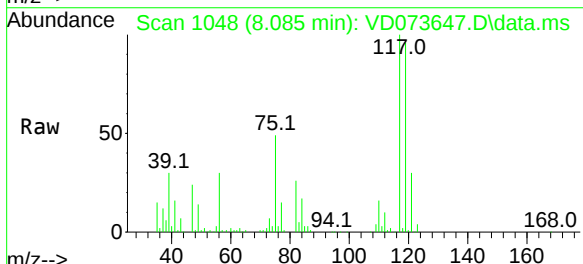
Tgt Ion: 117 Resp: 237530

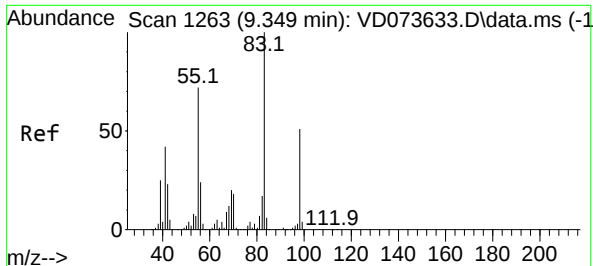
Ion Ratio Lower Upper

117 100

119 96.4 75.6 113.4

121 30.2 24.2 36.4





#39

Methylcyclohexane

Concen: 53.191 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

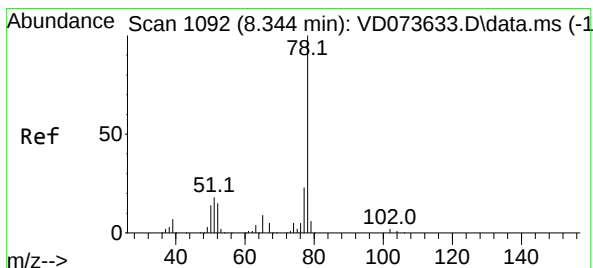
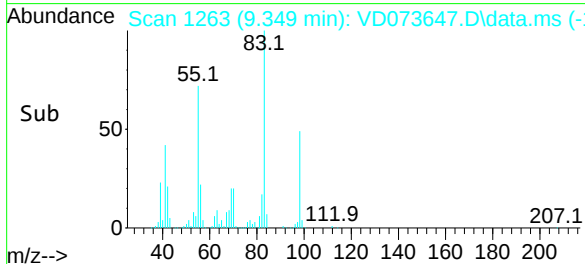
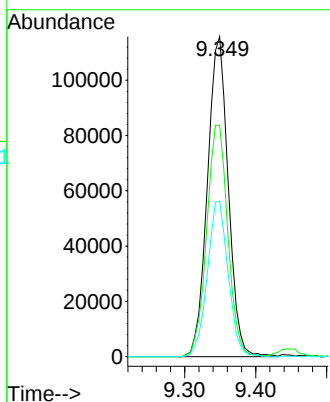
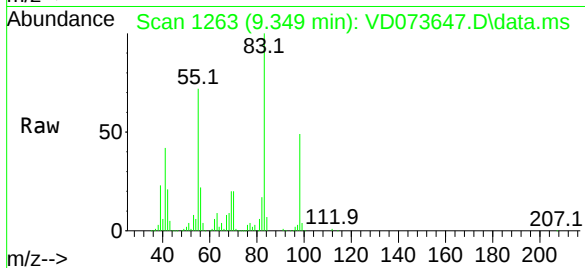
Tgt Ion: 83 Resp: 235394

Ion Ratio Lower Upper

83 100

55 72.2 57.4 86.2

98 48.6 40.6 60.8



#40

Benzene

Concen: 51.141 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073647.D

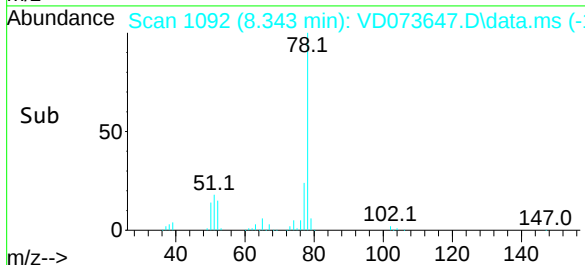
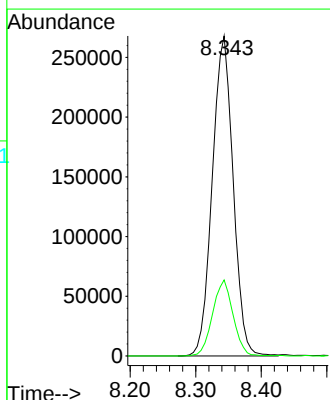
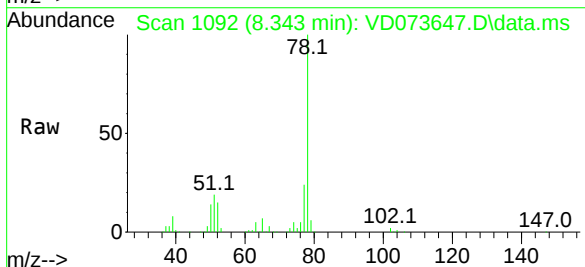
Acq: 21 Jun 2022 16:41

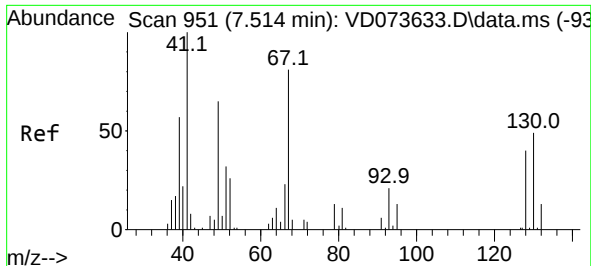
Tgt Ion: 78 Resp: 590838

Ion Ratio Lower Upper

78 100

77 23.7 18.6 27.8

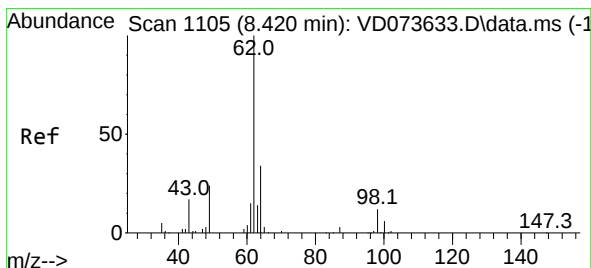
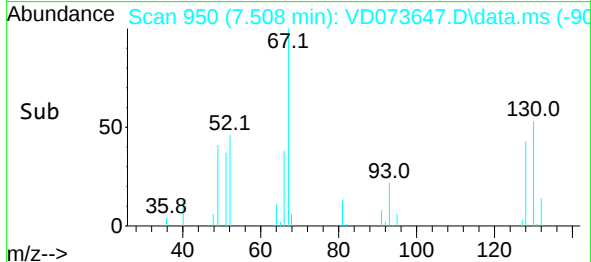
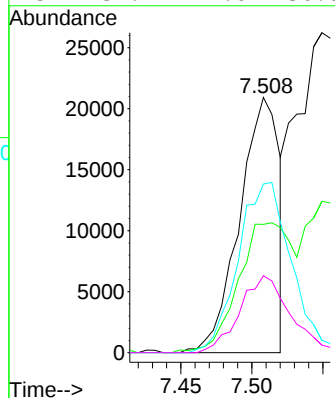
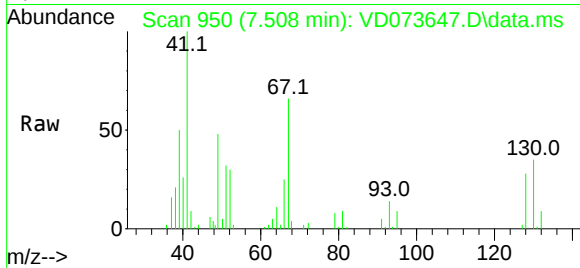




#41
Methacrylonitrile
Concen: 47.772 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

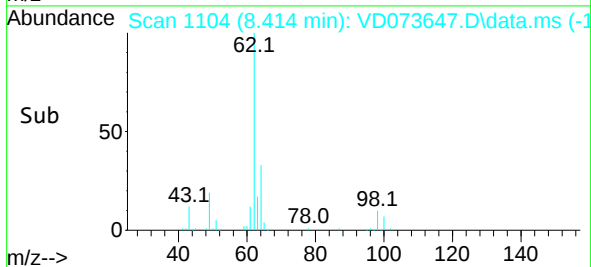
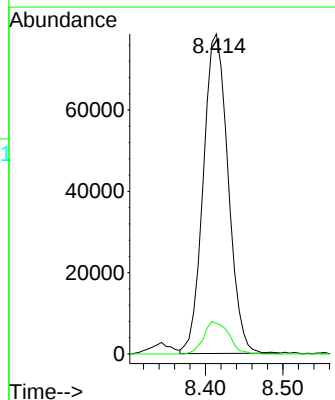
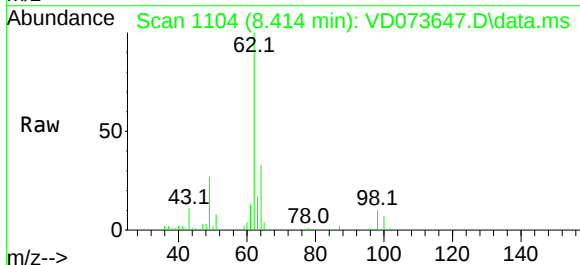
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

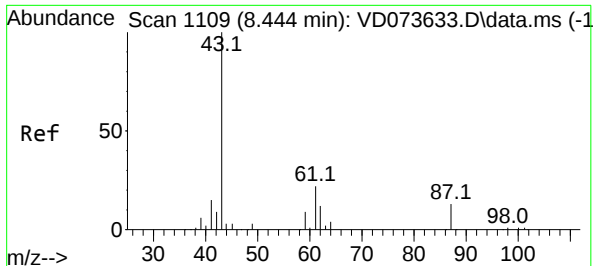
Tgt Ion: 41 Resp: 40637
Ion Ratio Lower Upper
41 100
39 70.1 43.0 64.6#
67 89.6 60.8 91.2
52 39.4 24.6 36.8#



#42
1,2-Dichloroethane
Concen: 50.734 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 62 Resp: 175087
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.6

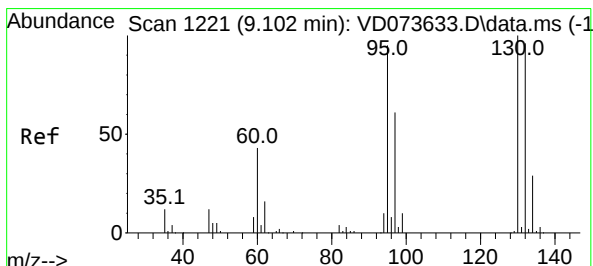
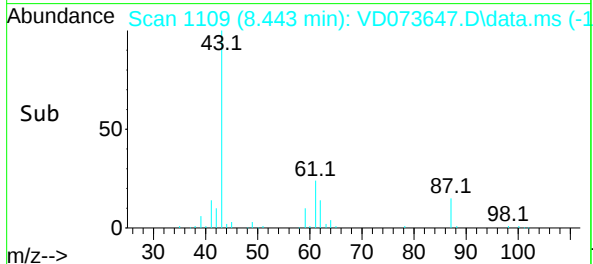
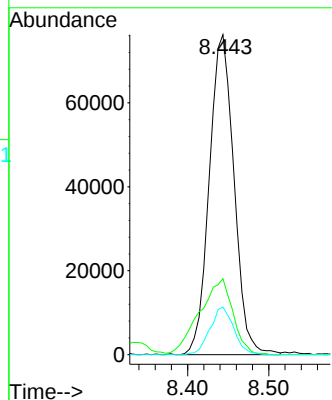
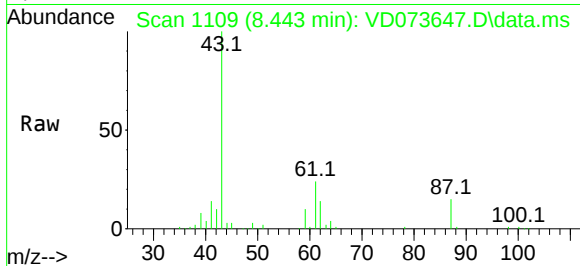




#43
Isopropyl Acetate
Concen: 55.769 ug/l
RT: 8.443 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

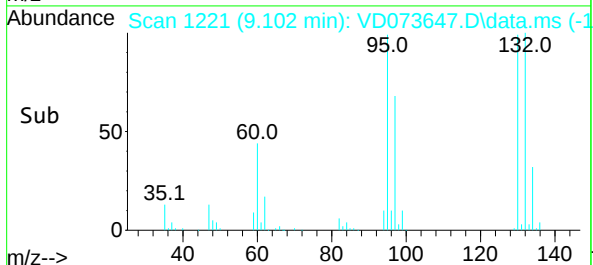
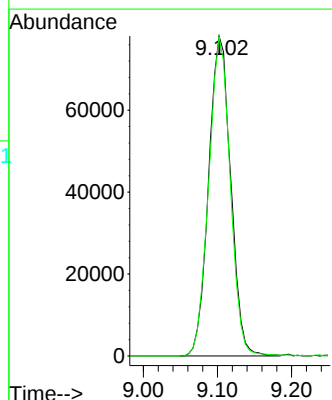
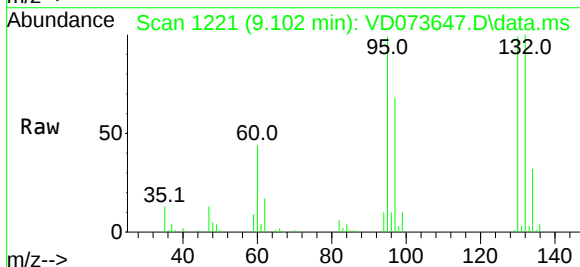
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

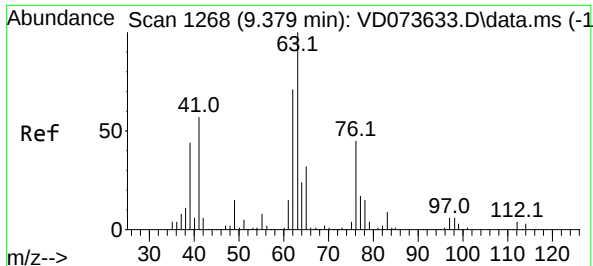
Tgt Ion: 43 Resp: 161335
Ion Ratio Lower Upper
43 100
61 32.0 27.0 40.6
87 14.3 11.8 17.8



#44
Trichloroethene
Concen: 49.080 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion:130 Resp: 161500
Ion Ratio Lower Upper
130 100
95 99.7 0.0 190.0





#45

1,2-Dichloropropane

Concen: 50.591 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

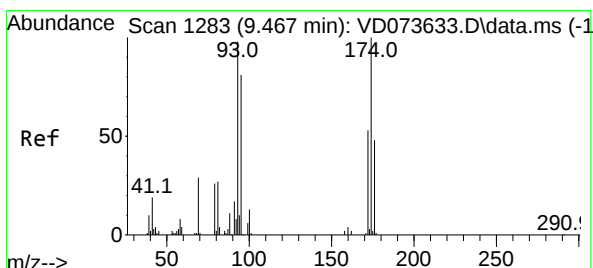
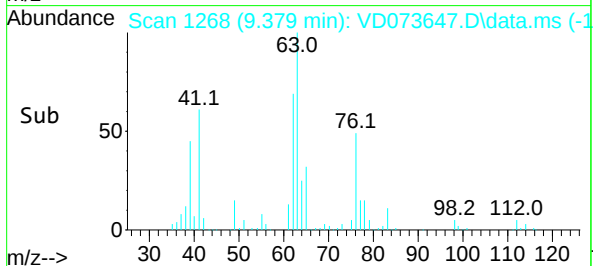
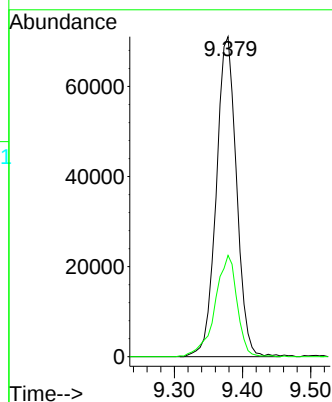
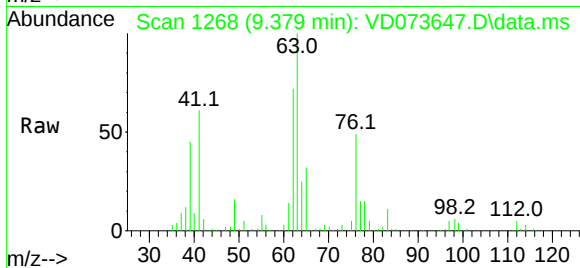
VSTDCCC050EC

Tgt Ion: 63 Resp: 146881

Ion Ratio Lower Upper

63 100

65 31.7 25.3 37.9



#46

Dibromomethane

Concen: 52.102 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

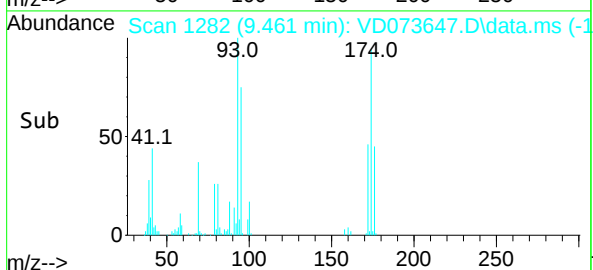
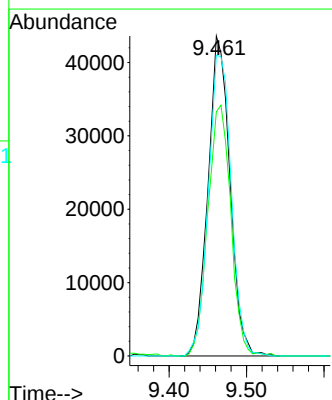
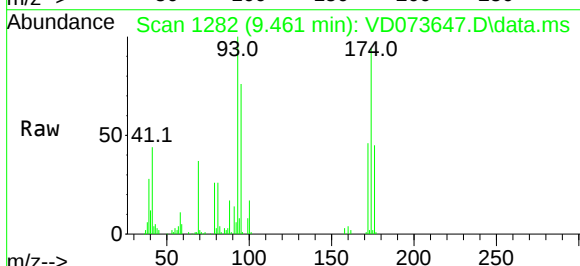
Tgt Ion: 93 Resp: 85899

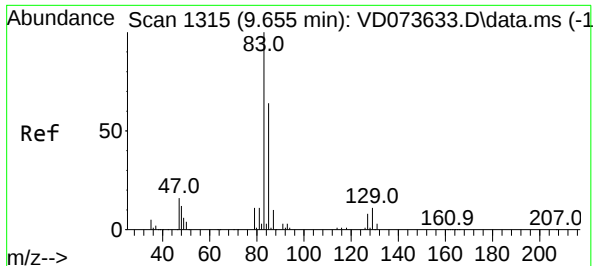
Ion Ratio Lower Upper

93 100

95 82.0 66.3 99.5

174 98.1 81.1 121.7





#47

Bromodichloromethane

Concen: 52.226 ug/l

RT: 9.655 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

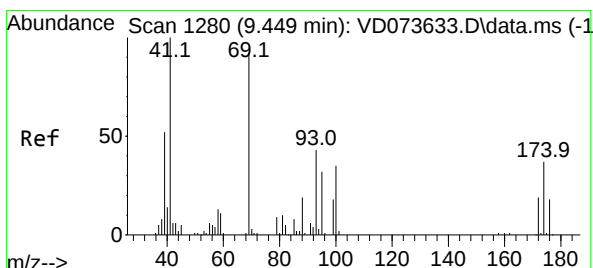
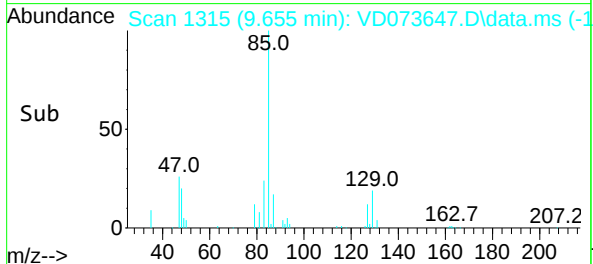
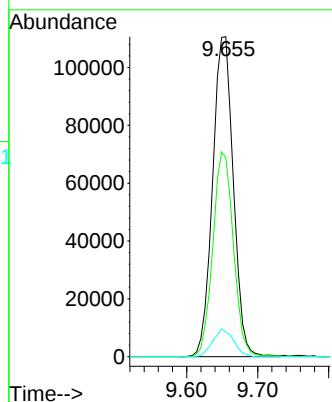
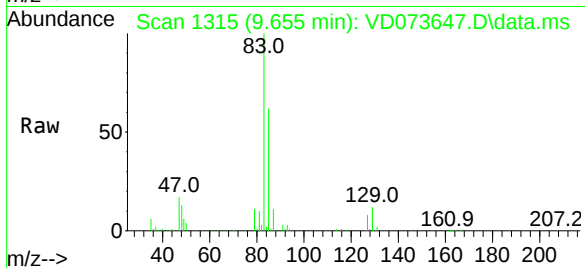
Tgt Ion: 83 Resp: 224069

Ion Ratio Lower Upper

83 100

85 62.2 51.4 77.2

127 7.7 6.4 9.6



#48

Methyl methacrylate

Concen: 54.930 ug/l

RT: 9.443 min Scan# 1279

Delta R.T. -0.006 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

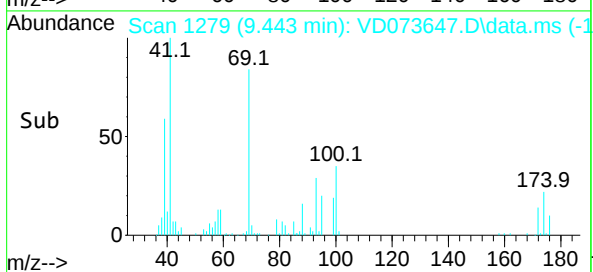
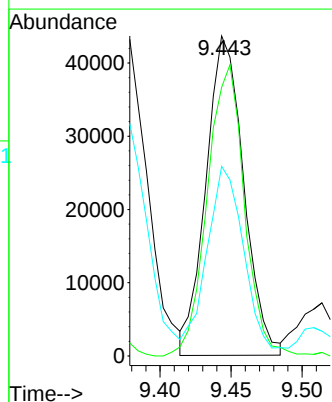
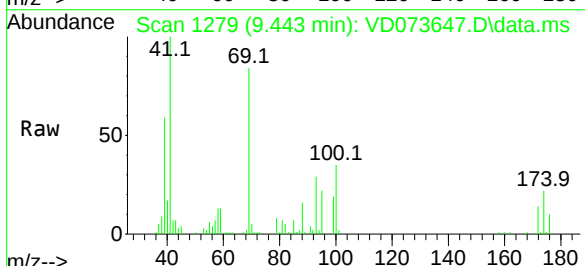
Tgt Ion: 41 Resp: 80438

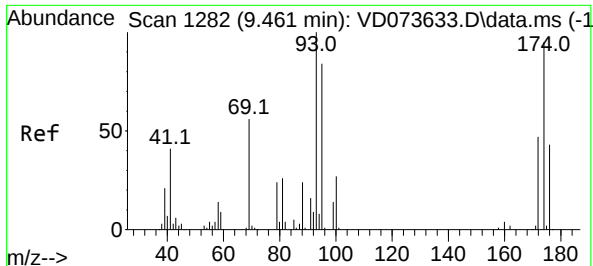
Ion Ratio Lower Upper

41 100

69 90.1 67.6 101.4

39 59.3 45.4 68.0





#49

1,4-Dioxane

Concen: 1081.035 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.012 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

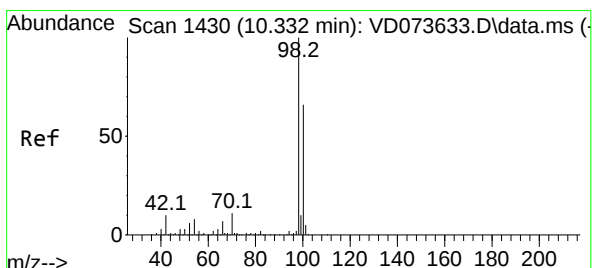
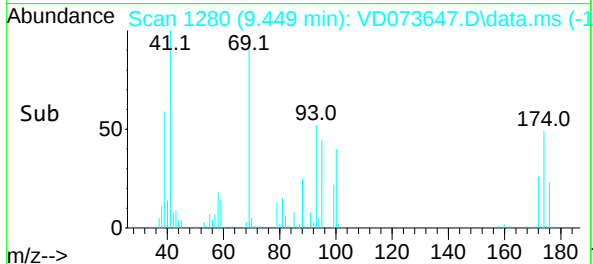
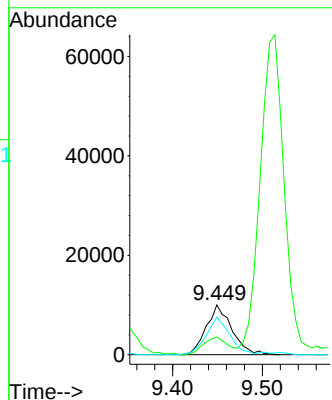
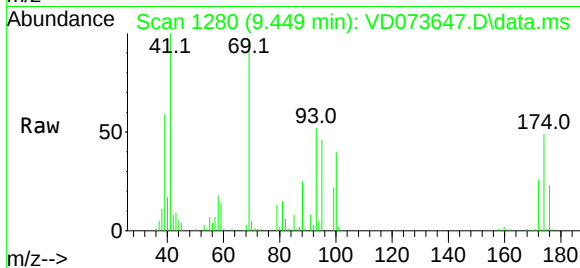
Tgt Ion: 88 Resp: 19750

Ion Ratio Lower Upper

88 100

43 35.1 29.8 44.8

58 69.5 56.9 85.3



#50

Toluene-d8

Concen: 49.725 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073647.D

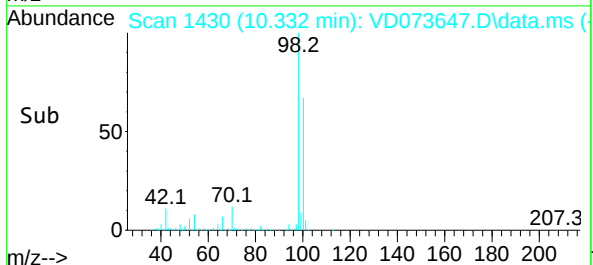
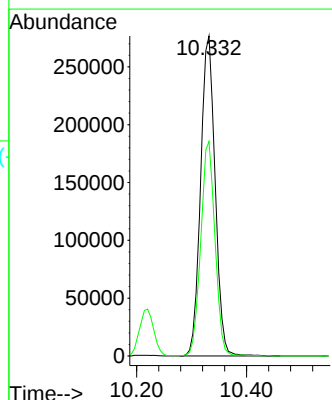
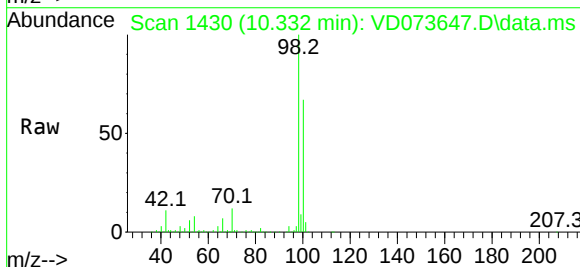
Acq: 21 Jun 2022 16:41

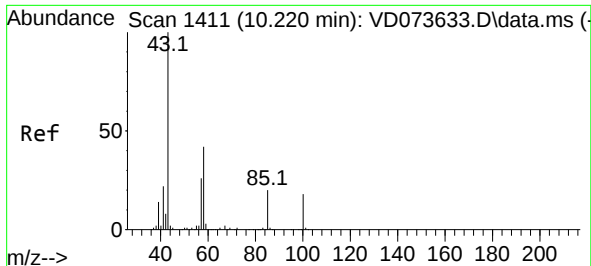
Tgt Ion: 98 Resp: 507475

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.2

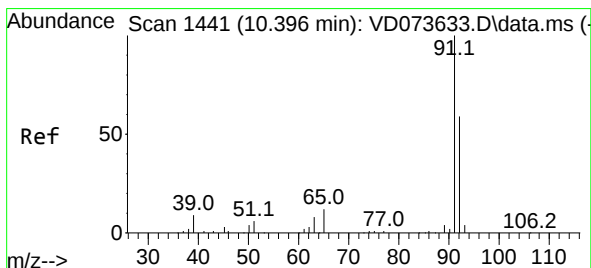
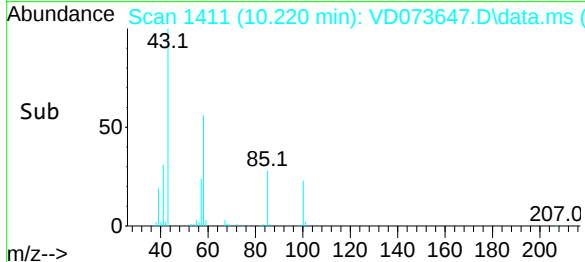
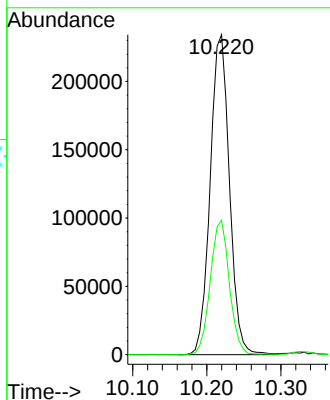
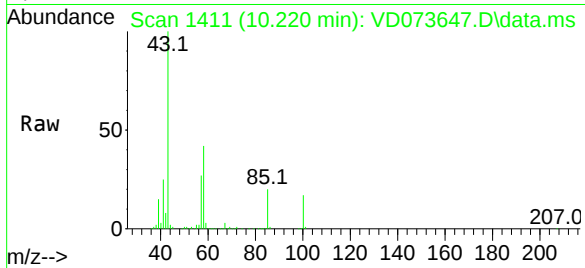




#51
4-Methyl-2-Pentanone
Concen: 284.504 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

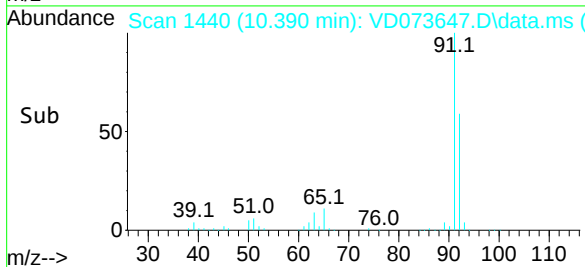
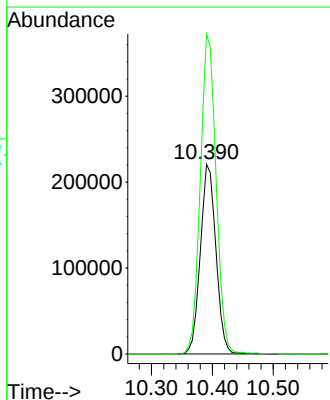
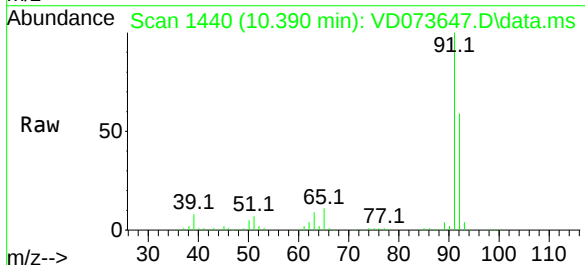
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

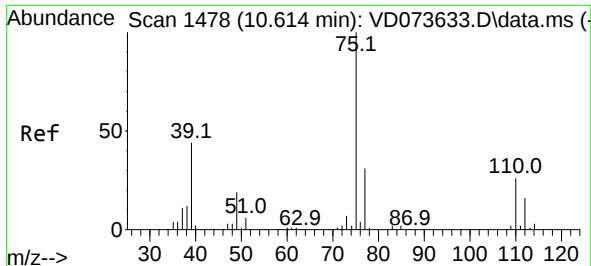
Tgt Ion: 43 Resp: 422562
Ion Ratio Lower Upper
43 100
58 41.7 32.4 48.6



#52
Toluene
Concen: 51.876 ug/l
RT: 10.390 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 92 Resp: 391728
Ion Ratio Lower Upper
92 100
91 170.8 136.1 204.1

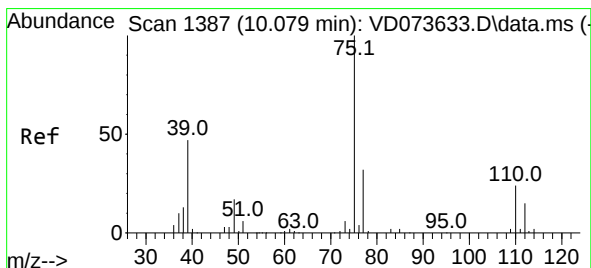
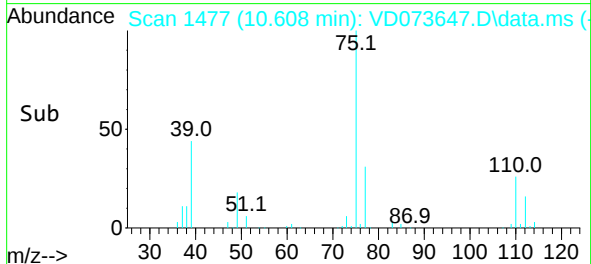
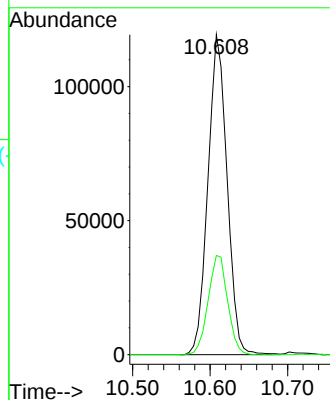
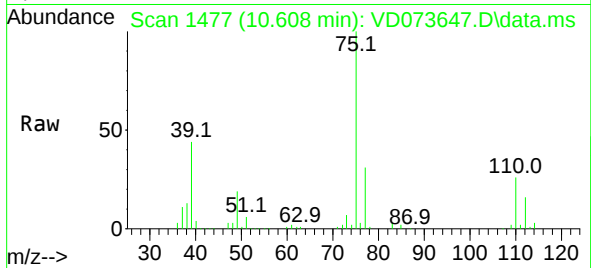




#53
t-1,3-Dichloropropene
Concen: 52.187 ug/l
RT: 10.608 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

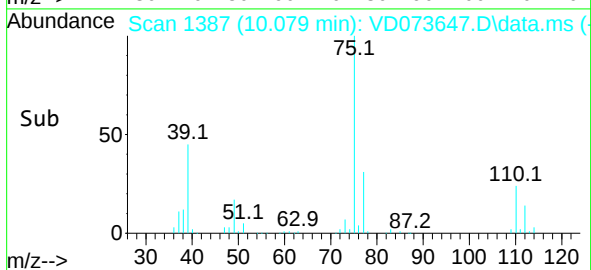
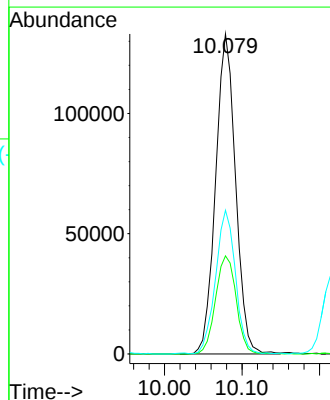
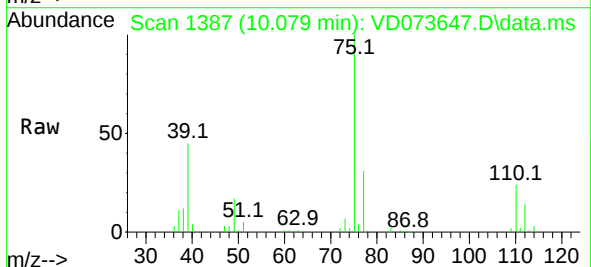
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

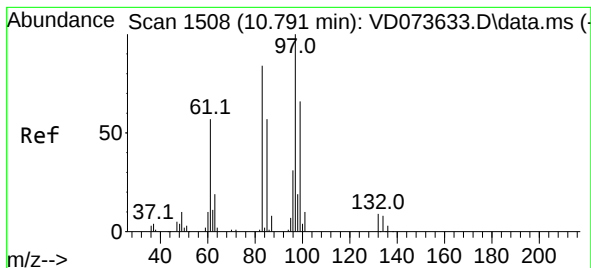
Tgt Ion: 75 Resp: 205040
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 51.822 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 75 Resp: 238053
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.8
39 44.7 37.9 56.9





#55

1,1,2-Trichloroethane

Concen: 51.510 ug/l

RT: 10.790 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 119919

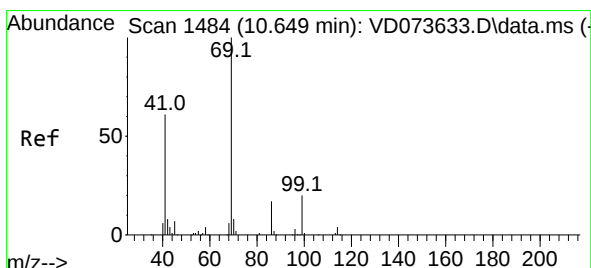
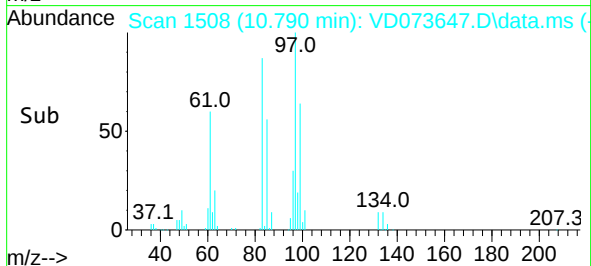
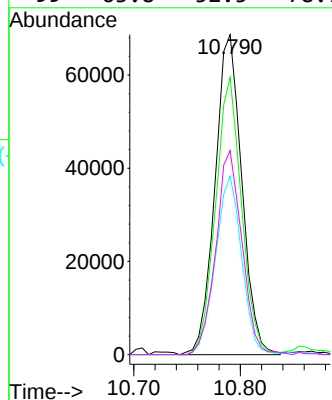
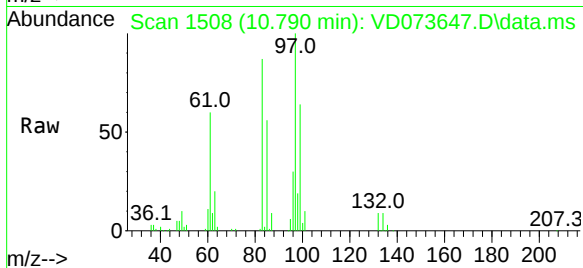
Ion Ratio Lower Upper

97 100

83 86.7 66.8 100.2

85 55.8 45.2 67.8

99 63.8 52.5 78.7



#56

Ethyl methacrylate

Concen: 56.182 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

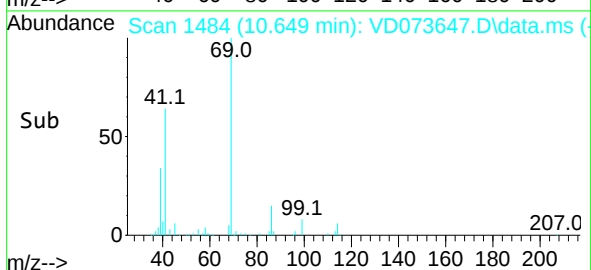
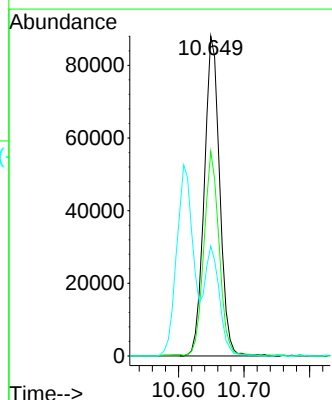
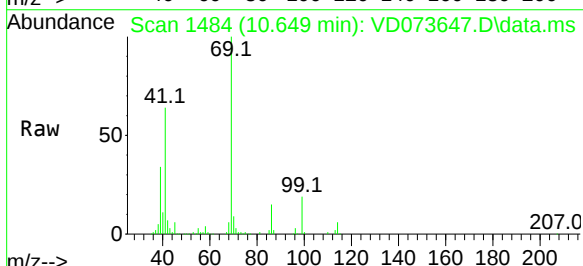
Tgt Ion: 69 Resp: 144338

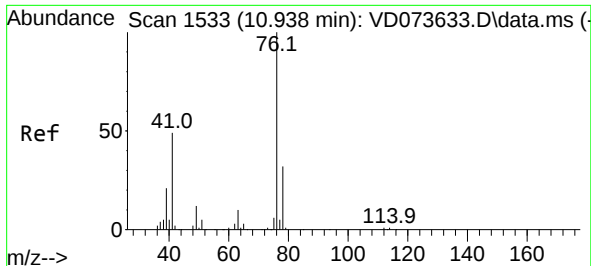
Ion Ratio Lower Upper

69 100

41 62.4 50.8 76.2

39 33.4 26.2 39.4





#57

1,3-Dichloropropane

Concen: 52.450 ug/l

RT: 10.937 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

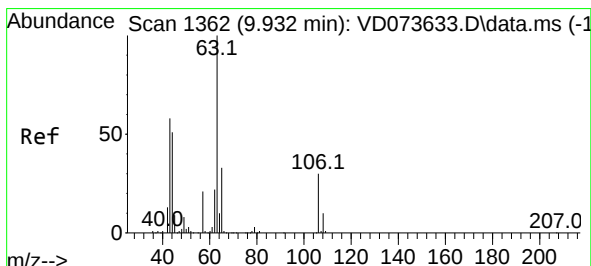
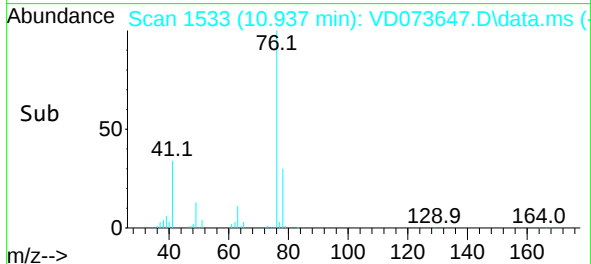
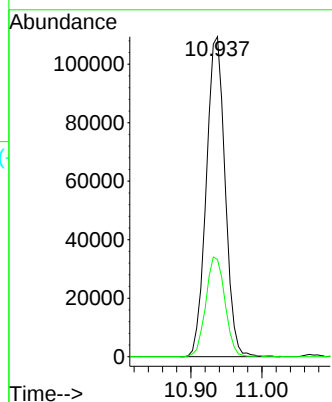
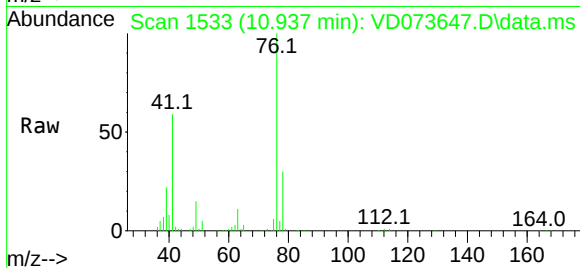
VSTDCCC050EC

Tgt Ion: 76 Resp: 201109

Ion Ratio Lower Upper

76 100

78 31.7 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 267.382 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073647.D

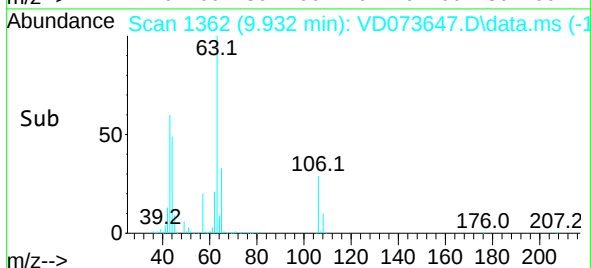
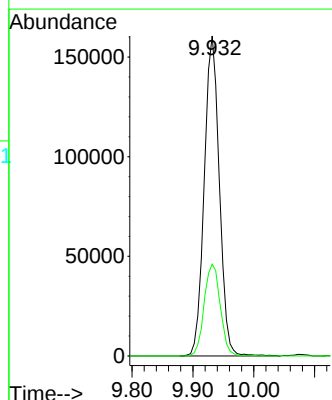
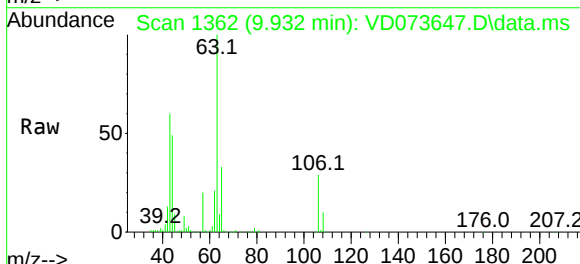
Acq: 21 Jun 2022 16:41

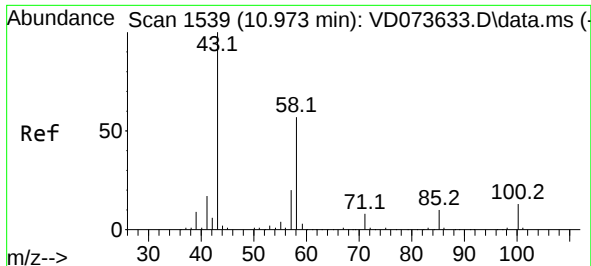
Tgt Ion: 63 Resp: 276255

Ion Ratio Lower Upper

63 100

106 30.4 23.7 35.5

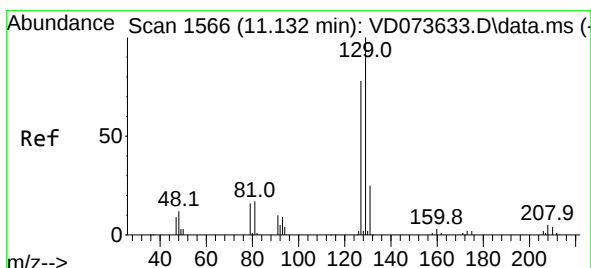
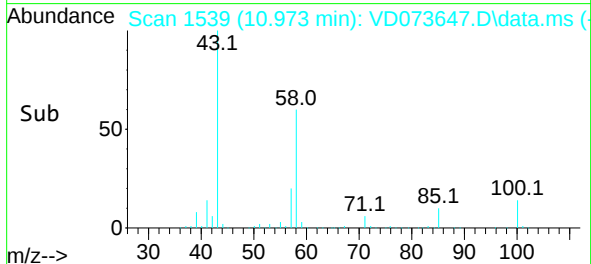
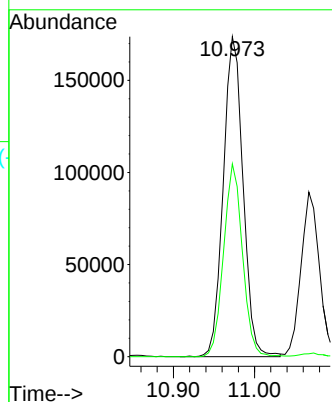
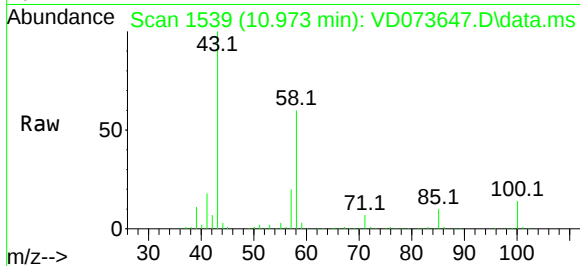




#59
2-Hexanone
Concen: 287.241 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

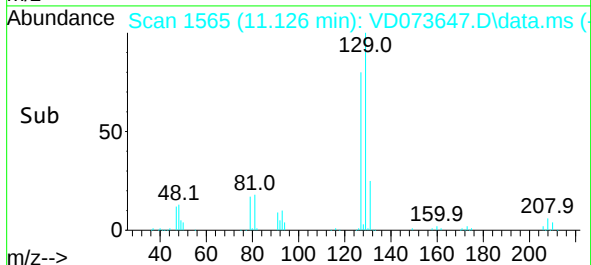
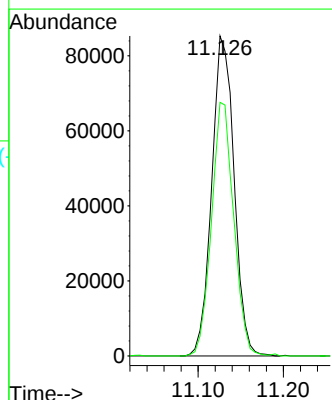
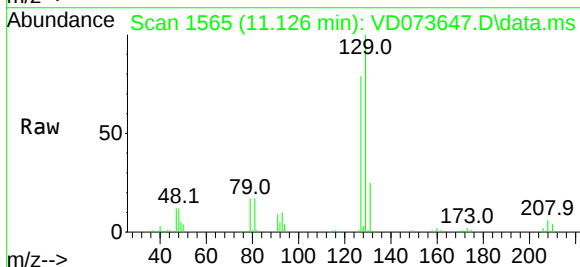
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

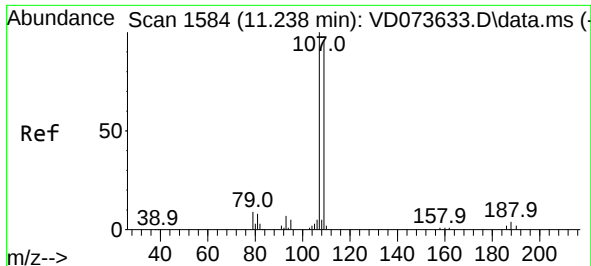
Tgt Ion: 43 Resp: 294206
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.2



#60
Dibromochloromethane
Concen: 51.116 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 129 Resp: 155136
Ion Ratio Lower Upper
129 100
127 79.0 39.4 118.2

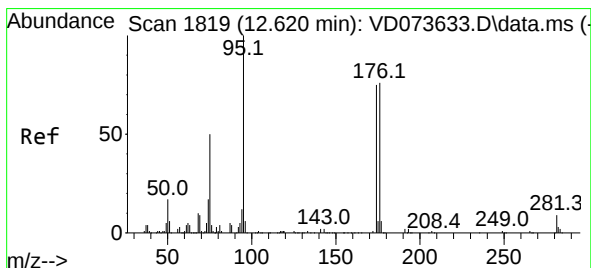
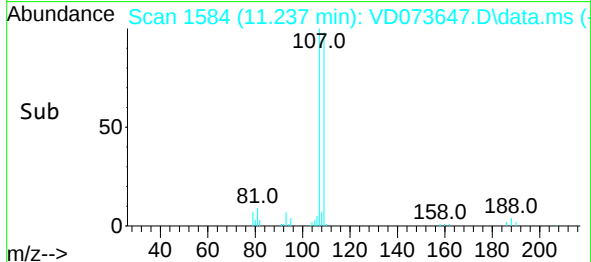
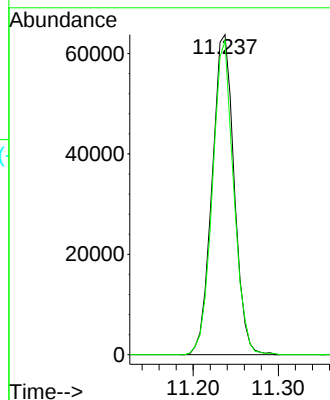
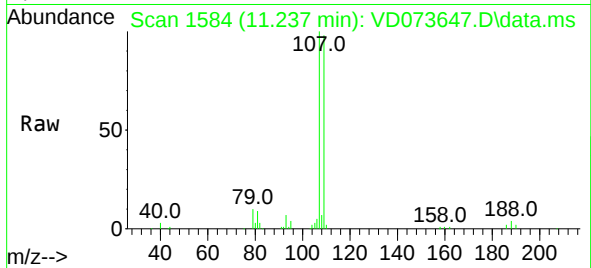




#61
1,2-Dibromoethane
Concen: 51.354 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

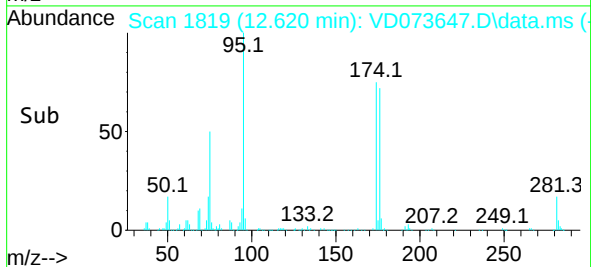
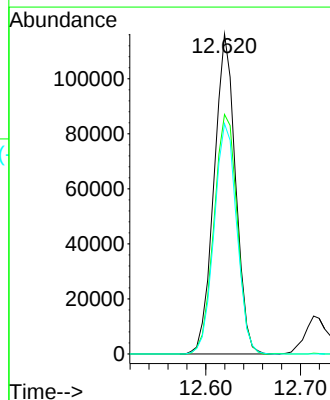
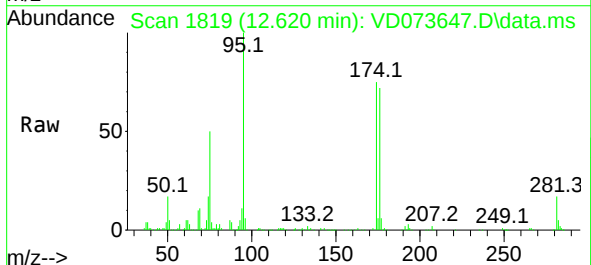
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

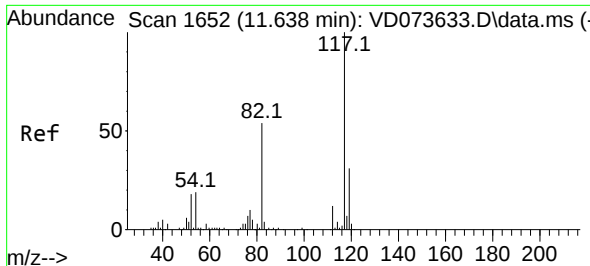
Tgt Ion:107 Resp: 114536
Ion Ratio Lower Upper
107 100
109 94.4 76.1 114.1



#62
4-Bromofluorobenzene
Concen: 49.028 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 95 Resp: 183497
Ion Ratio Lower Upper
95 100
174 80.5 0.0 156.4
176 75.6 0.0 151.8

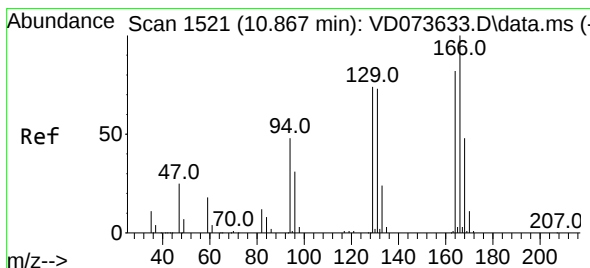
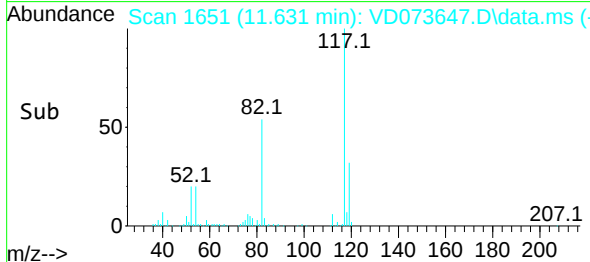
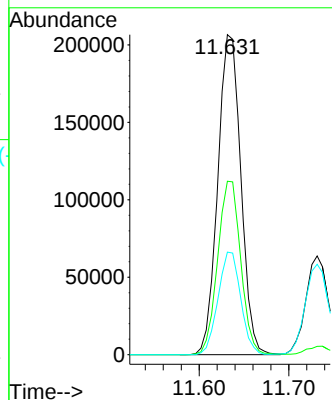
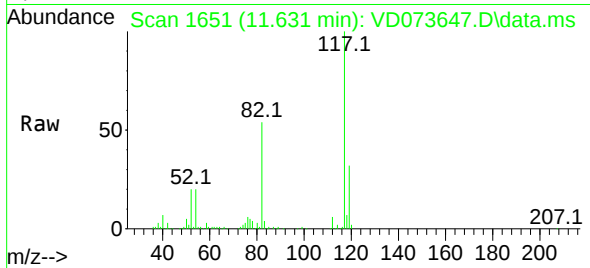




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

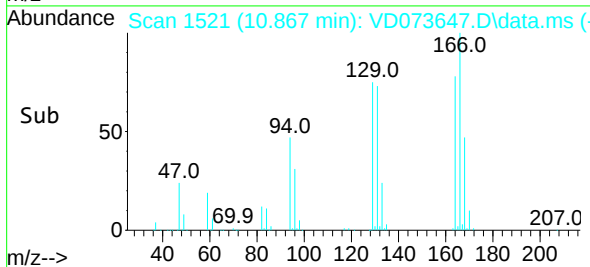
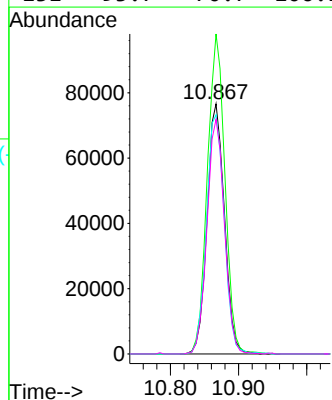
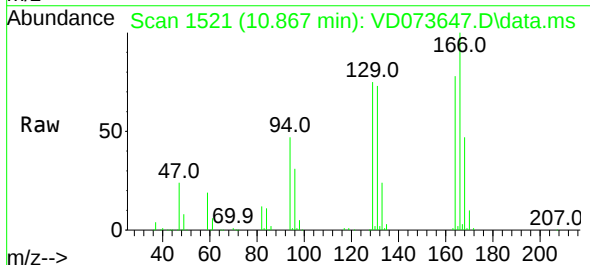
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

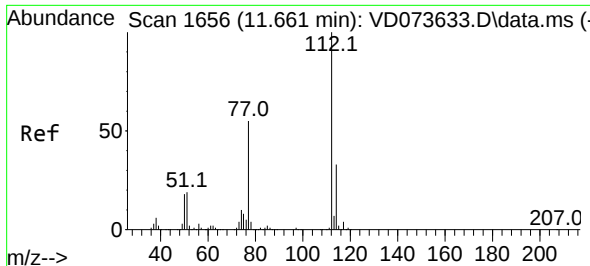
Tgt Ion:117 Resp: 369551
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.0 24.5 36.7



#64
Tetrachloroethene
Concen: 49.718 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion:164 Resp: 136008
Ion Ratio Lower Upper
164 100
166 127.9 97.1 145.7
129 95.6 72.1 108.1
131 93.7 70.7 106.1

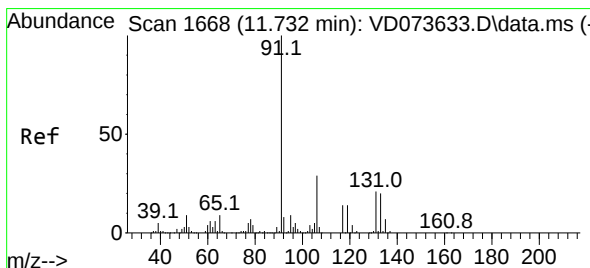
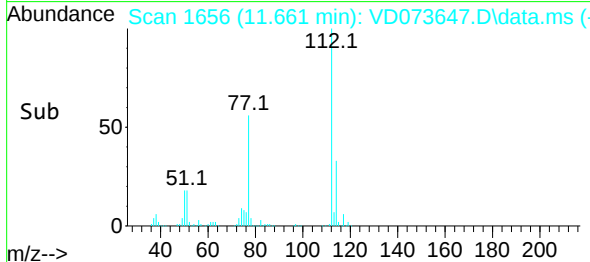
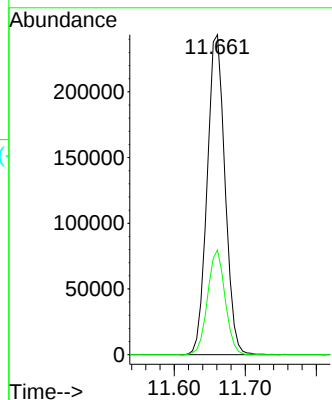
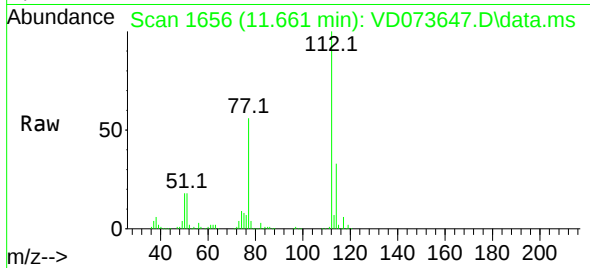




#65
Chlorobenzene
Concen: 51.525 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

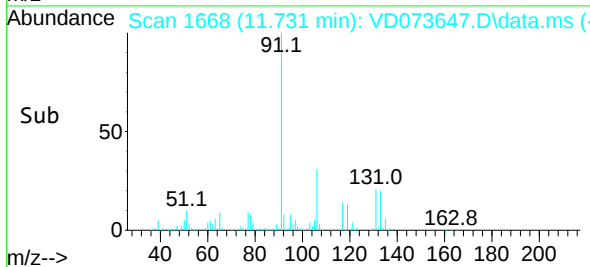
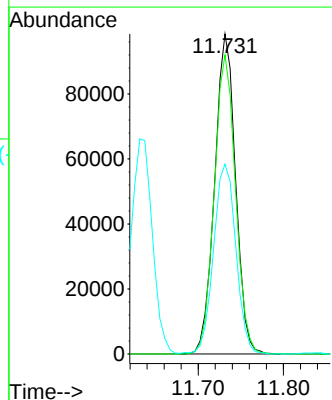
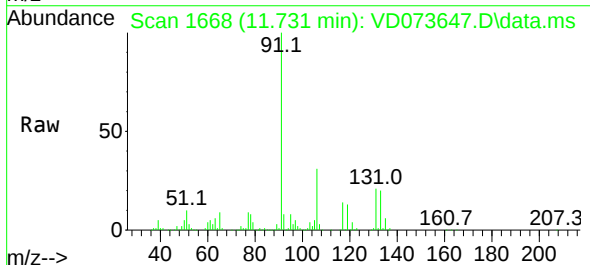
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

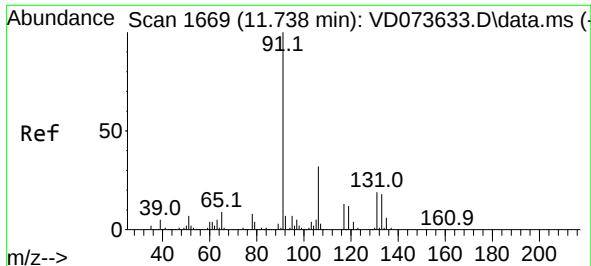
Tgt Ion:112 Resp: 425188
Ion Ratio Lower Upper
112 100
114 32.7 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.427 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion:131 Resp: 167660
Ion Ratio Lower Upper
131 100
133 94.8 47.1 141.3
119 63.3 32.6 97.7

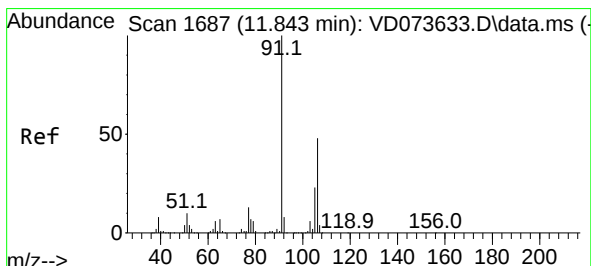
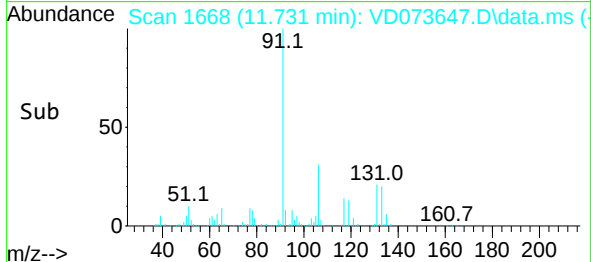
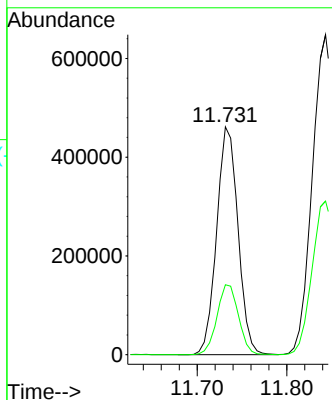
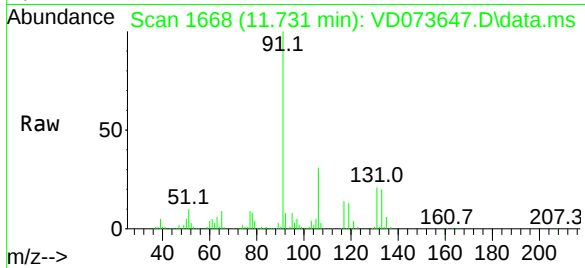




#67
Ethyl Benzene
Concen: 54.345 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

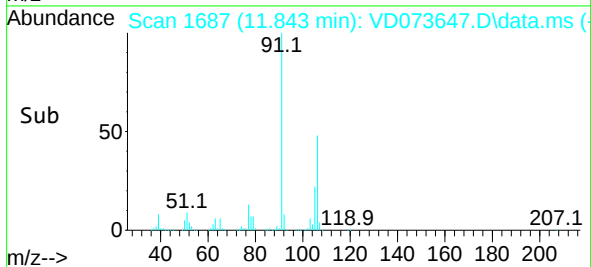
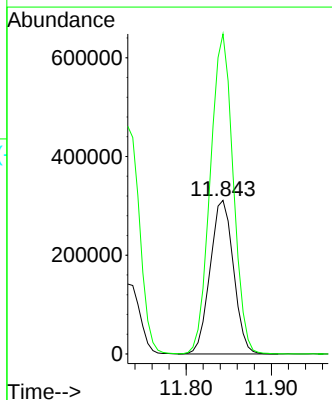
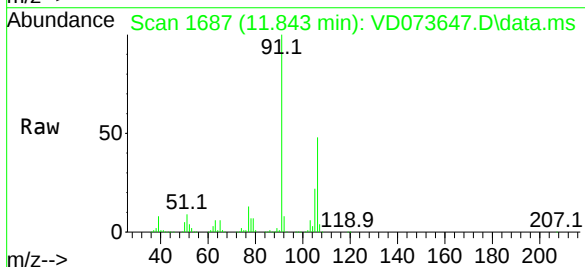
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

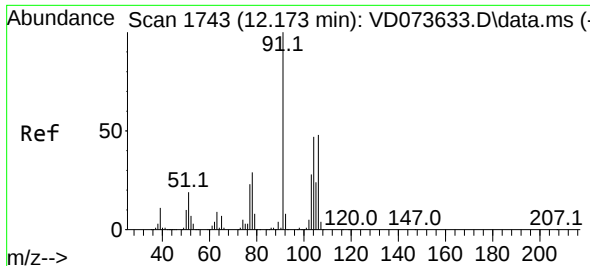
Tgt Ion: 91 Resp: 762432
Ion Ratio Lower Upper
91 100
106 30.7 25.8 38.6



#68
m/p-Xylenes
Concen: 107.345 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion:106 Resp: 593069
Ion Ratio Lower Upper
106 100
91 204.2 162.7 244.1

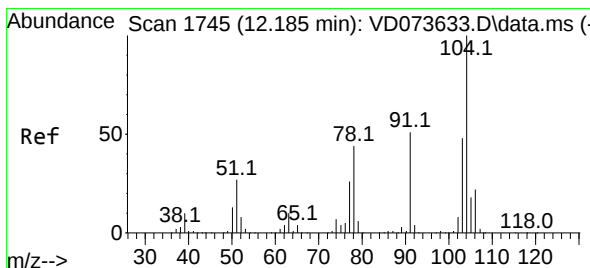
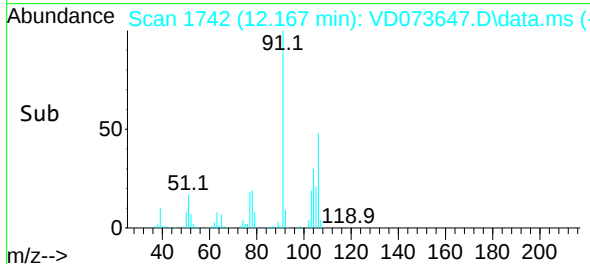
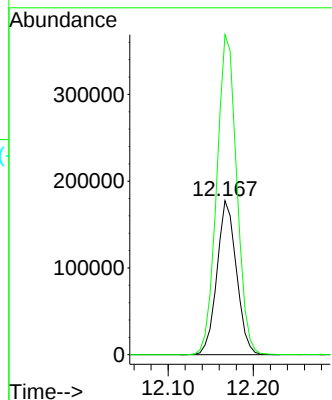
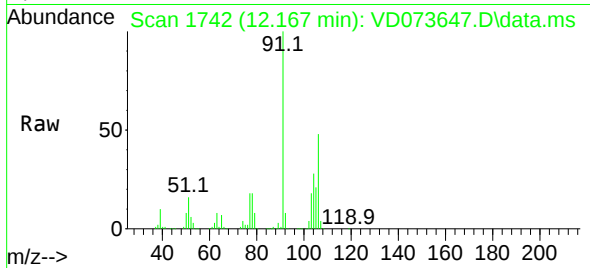




#69
o-Xylene
Concen: 54.755 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

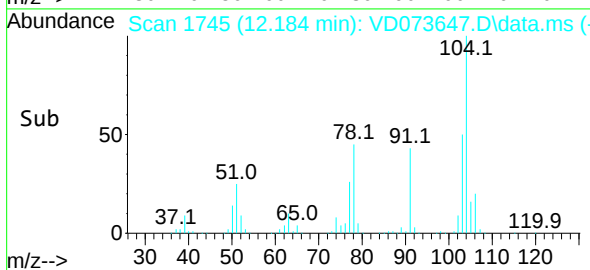
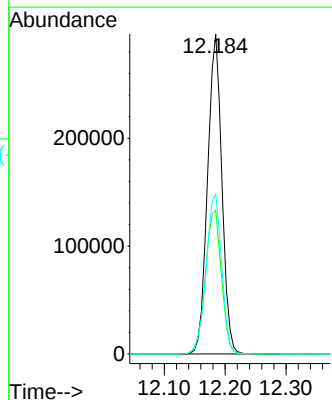
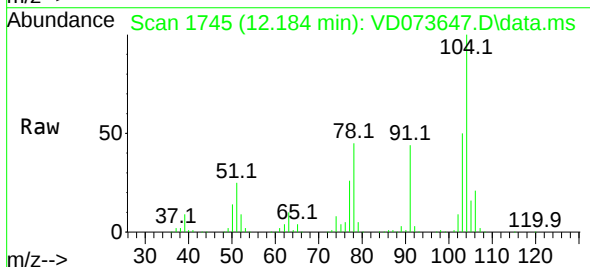
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

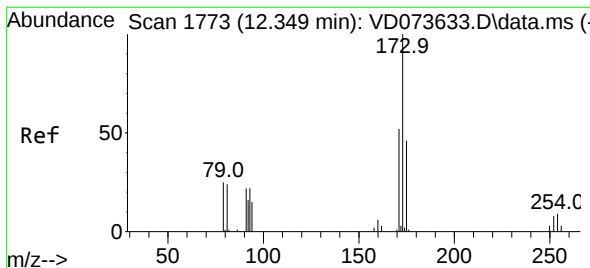
Tgt Ion:106 Resp: 281963
Ion Ratio Lower Upper
106 100
91 213.7 107.1 321.3



#70
Styrene
Concen: 54.821 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion:104 Resp: 484106
Ion Ratio Lower Upper
104 100
78 50.3 40.1 60.1
103 54.3 42.8 64.2





#71

Bromoform

Concen: 52.413 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

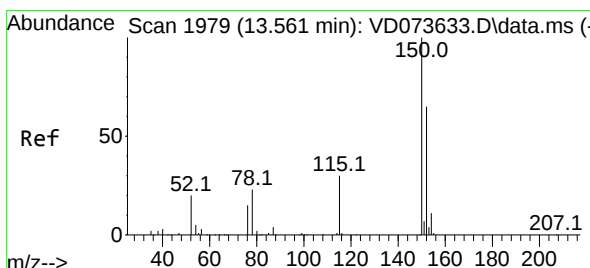
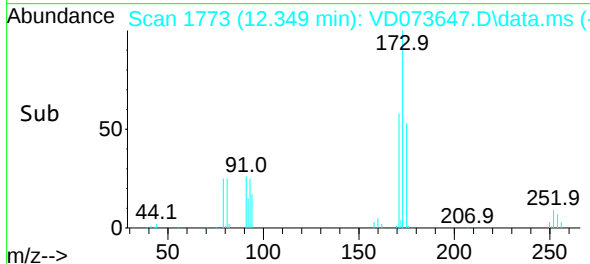
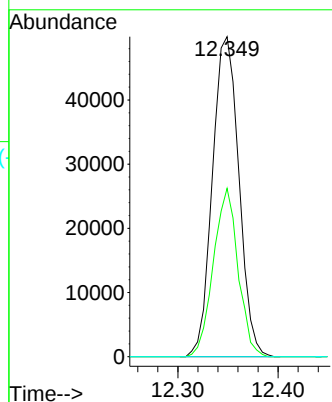
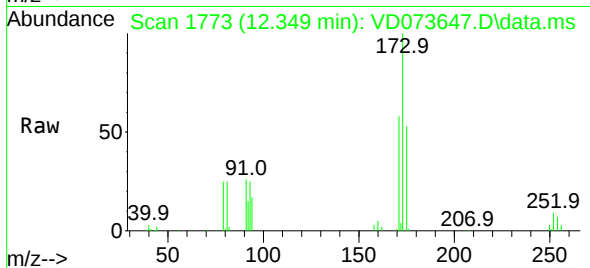
Tgt Ion:173 Resp: 91267

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

254 0.0 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: VD073647.D

Acq: 21 Jun 2022 16:41

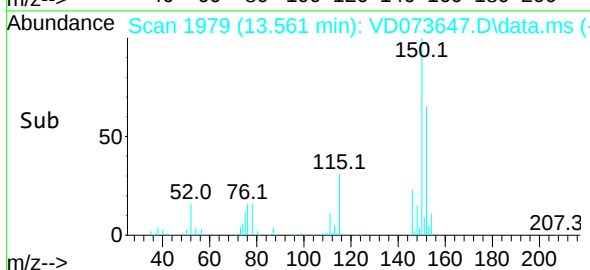
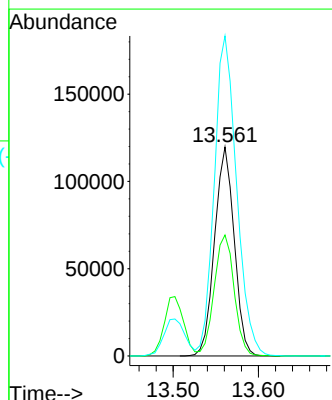
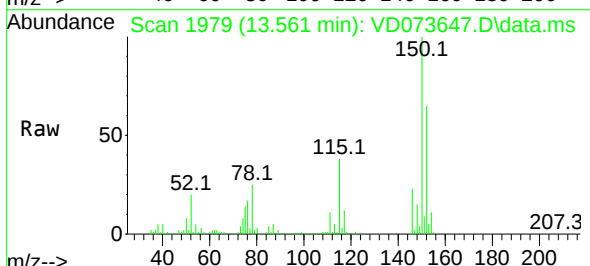
Tgt Ion:152 Resp: 191648

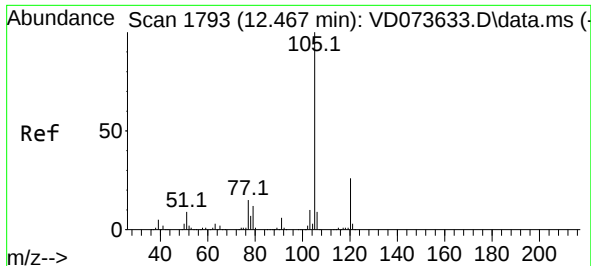
Ion Ratio Lower Upper

152 100

115 59.1 29.6 88.9

150 174.4 0.0 351.2

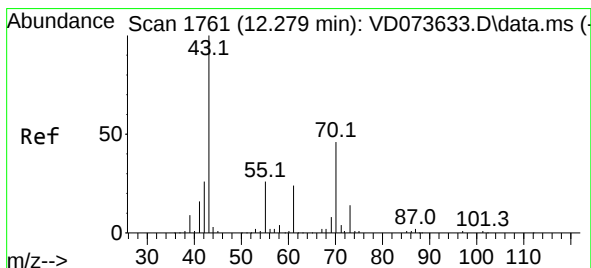
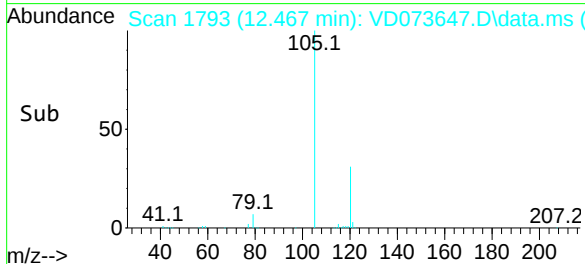
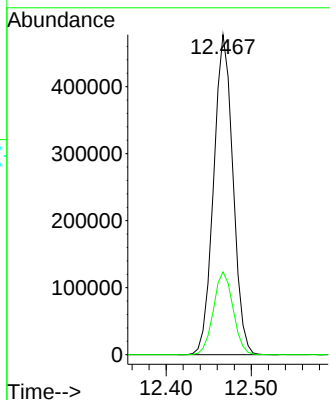
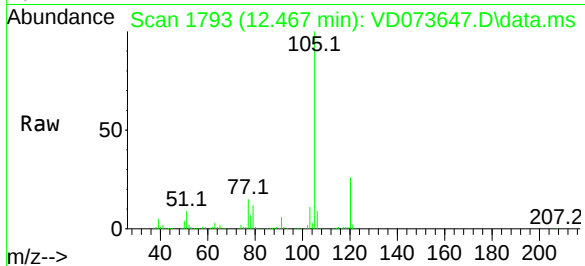




#73
Isopropylbenzene
Concen: 54.432 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

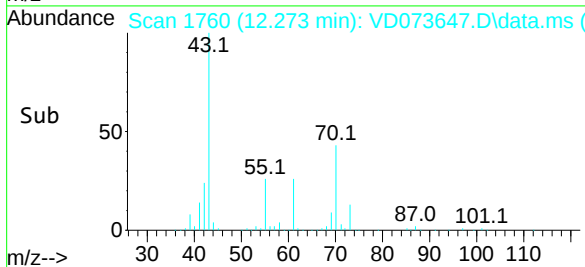
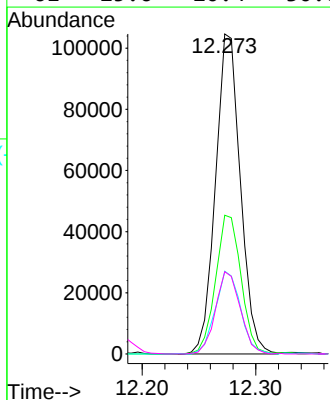
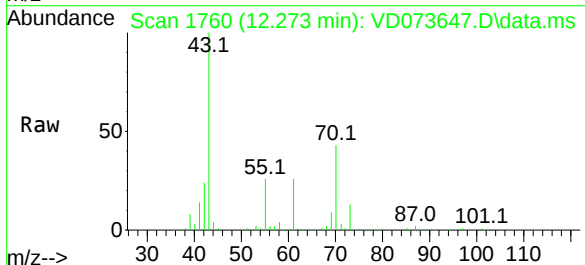
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

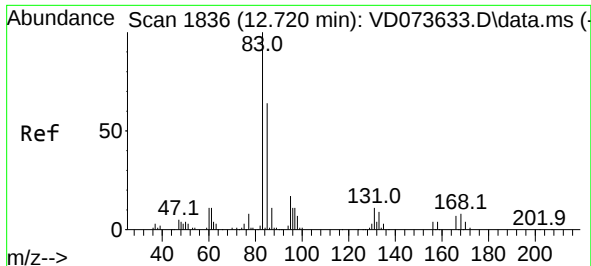
Tgt Ion:105 Resp: 752696
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 57.051 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 43 Resp: 159451
Ion Ratio Lower Upper
43 100
70 44.5 35.8 53.8
55 26.2 21.1 31.7
61 25.6 20.4 30.6

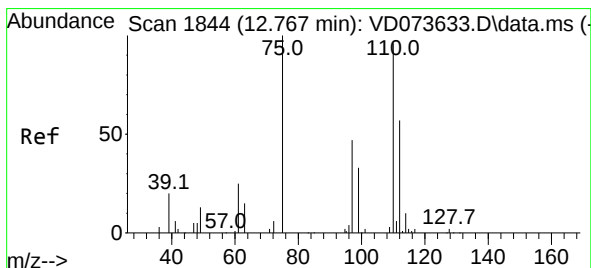
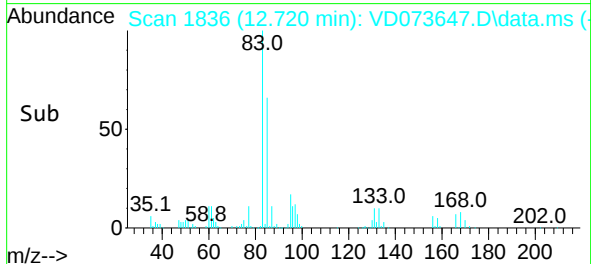
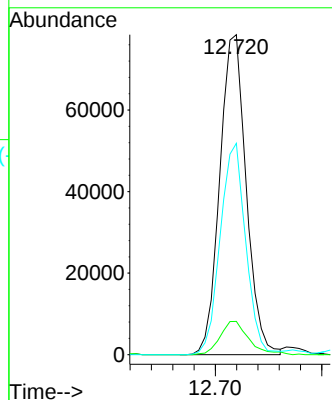
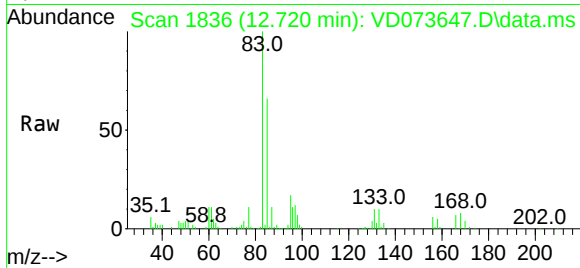




#75
1,1,2,2-Tetrachloroethane
Concen: 51.994 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

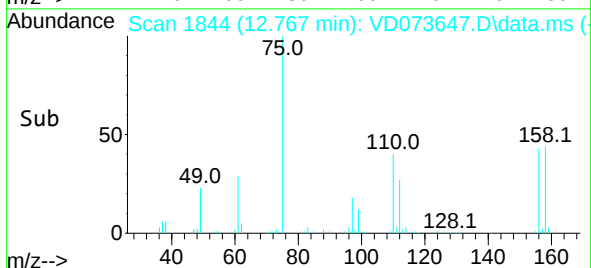
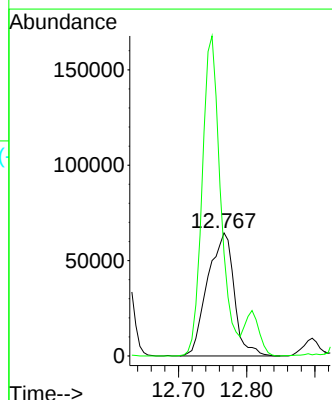
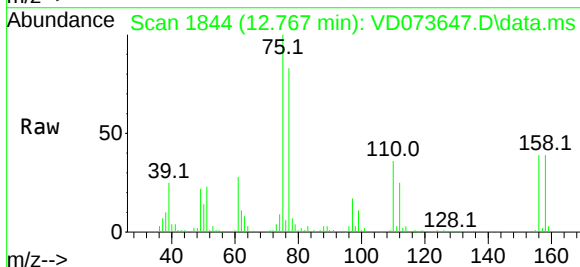
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

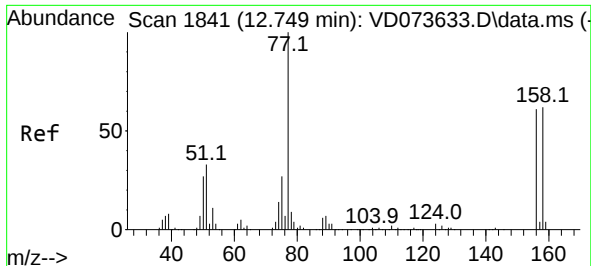
Tgt Ion: 83 Resp: 135207
Ion Ratio Lower Upper
83 100
131 11.3 5.5 16.7
85 63.8 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 94.186 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 75 Resp: 174702
Ion Ratio Lower Upper
75 100
77 181.0 208.9 626.7#

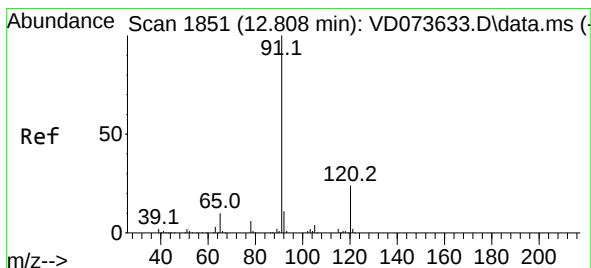
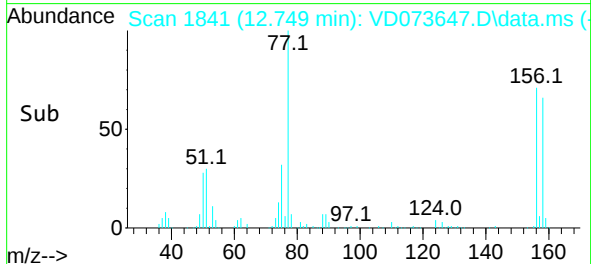
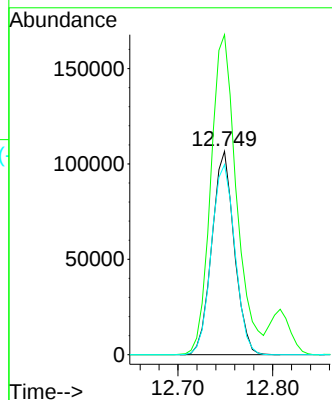
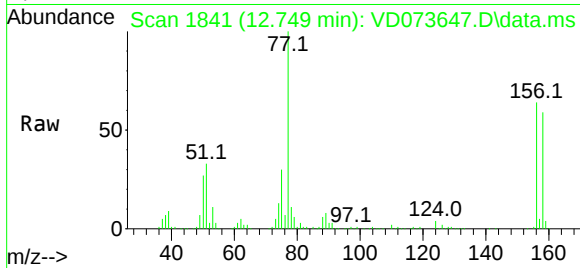




#77
Bromobenzene
Concen: 52.118 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

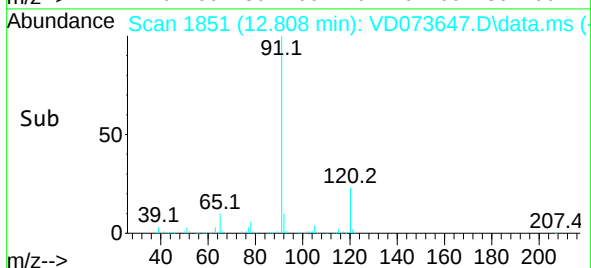
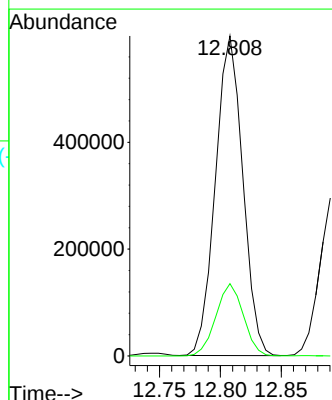
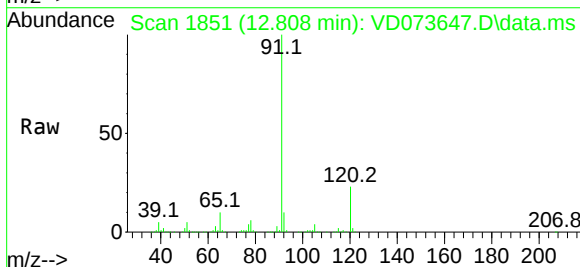
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

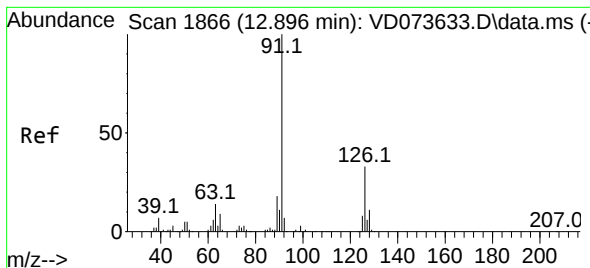
Tgt Ion:156 Resp: 175386
Ion Ratio Lower Upper
156 100
77 180.3 91.5 274.4
158 97.8 48.8 146.3



#78
n-propylbenzene
Concen: 55.223 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 91 Resp: 935331
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.646 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

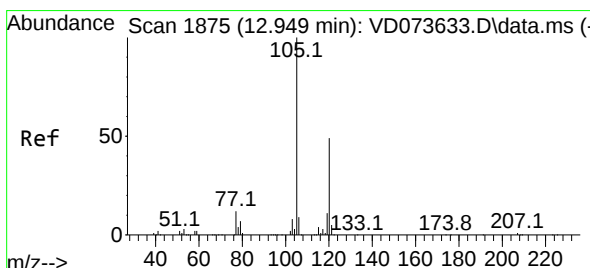
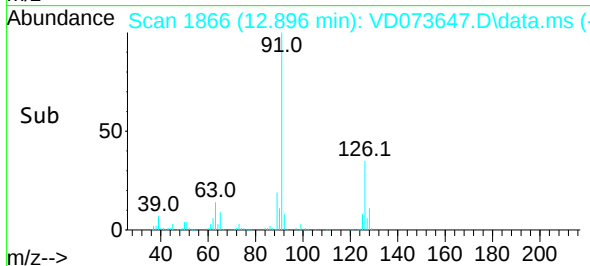
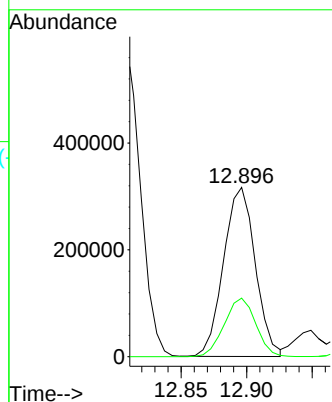
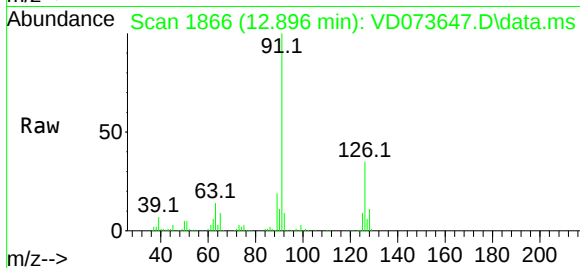
VSTDCCC050EC

Tgt Ion: 91 Resp: 532955

Ion Ratio Lower Upper

91 100

126 34.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 54.547 ug/l

RT: 12.943 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VD073647.D

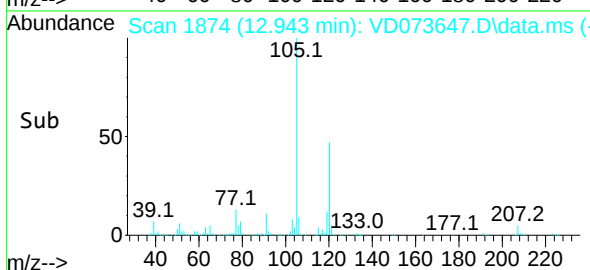
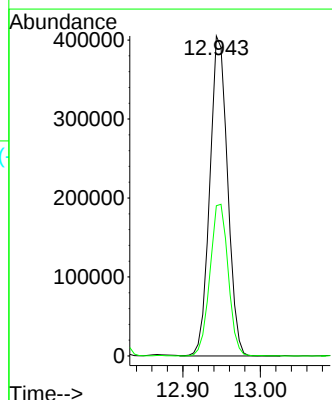
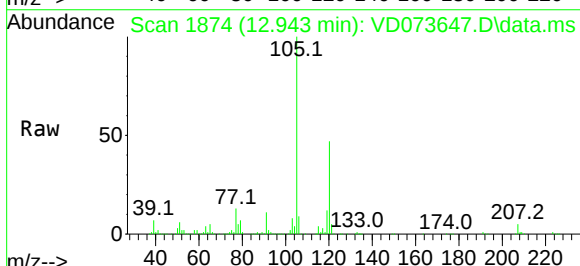
Acq: 21 Jun 2022 16:41

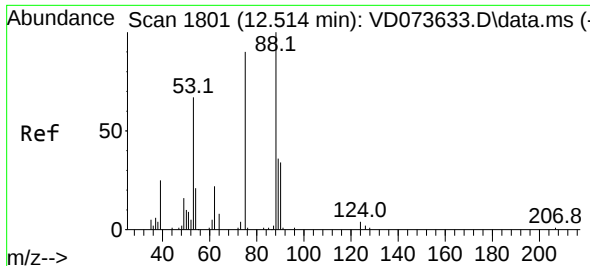
Tgt Ion: 105 Resp: 644202

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.2

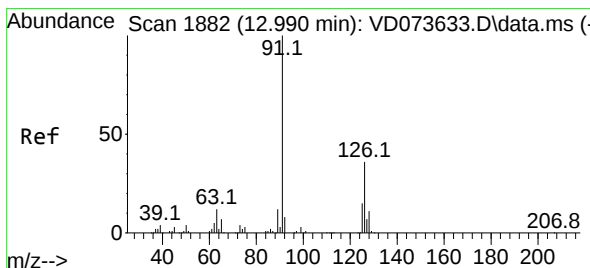
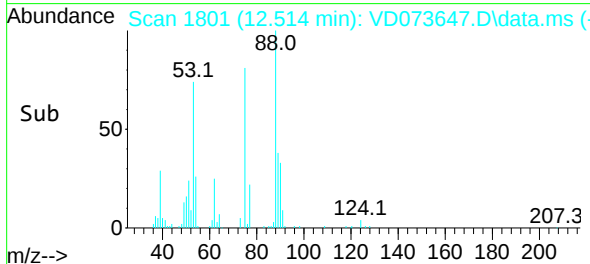
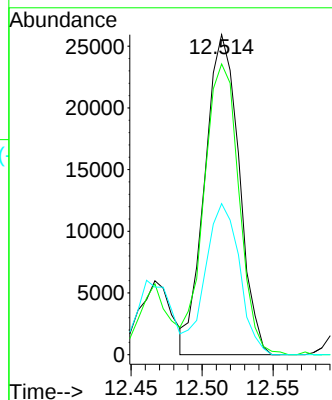
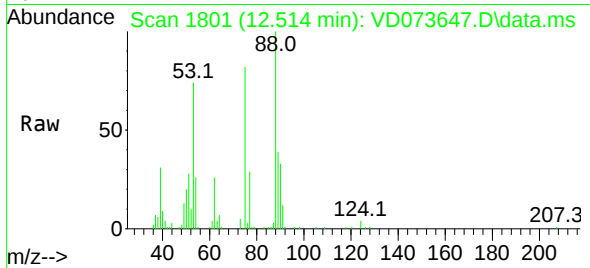




#81
trans-1,4-Dichloro-2-butene
Concen: 53.943 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

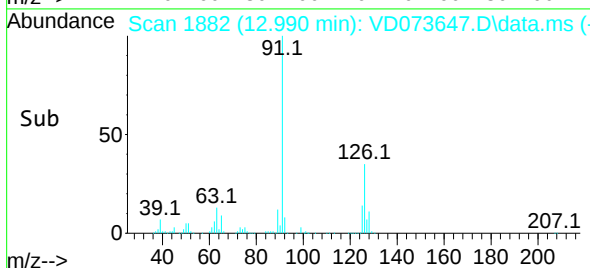
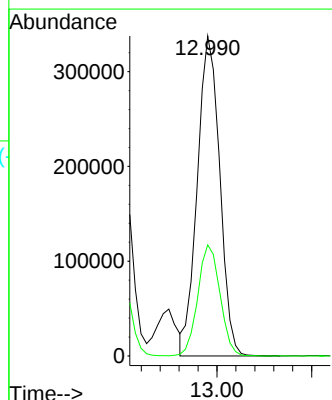
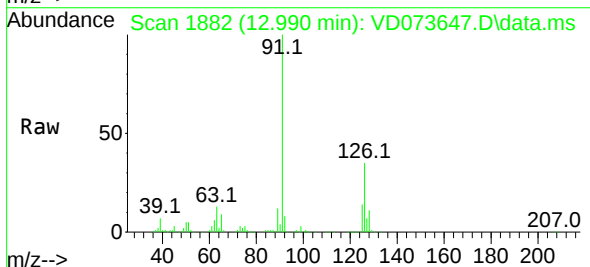
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

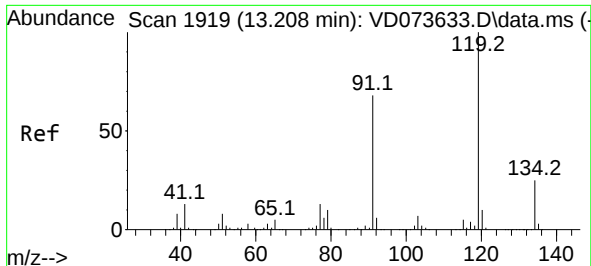
Tgt Ion: 75 Resp: 43356
Ion Ratio Lower Upper
75 100
53 93.0 70.5 105.7
89 47.5 35.8 53.8



#82
4-Chlorotoluene
Concen: 52.365 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 91 Resp: 555259
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2

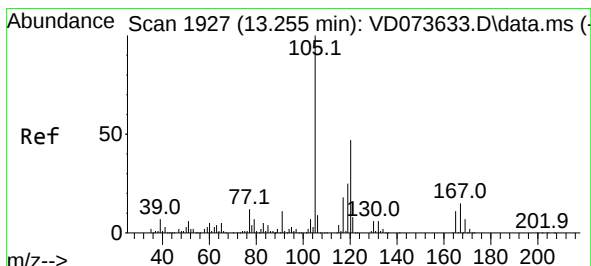
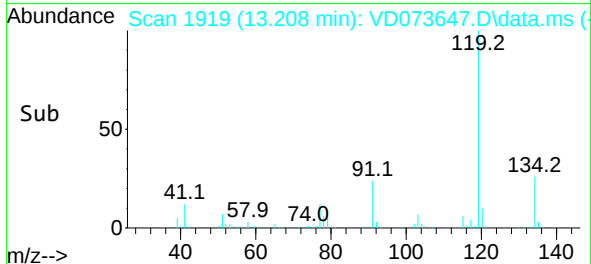
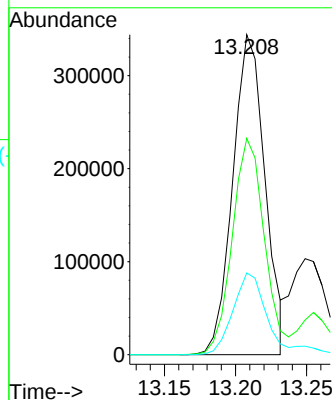
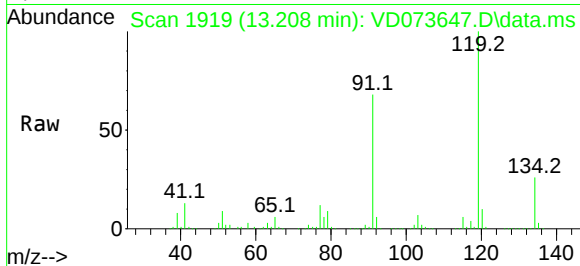




#83
tert-Butylbenzene
Concen: 53.115 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

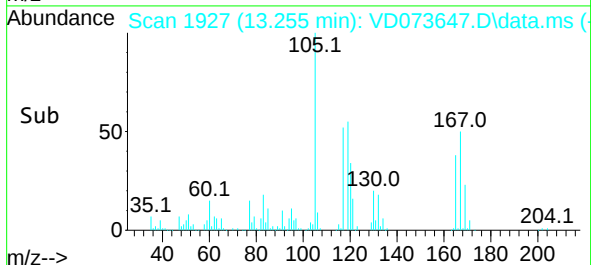
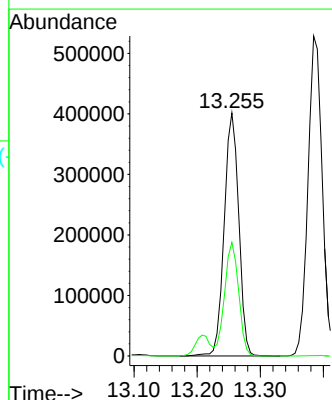
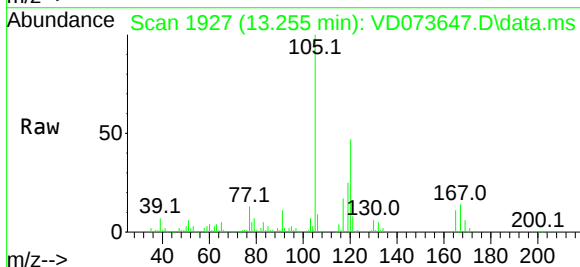
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

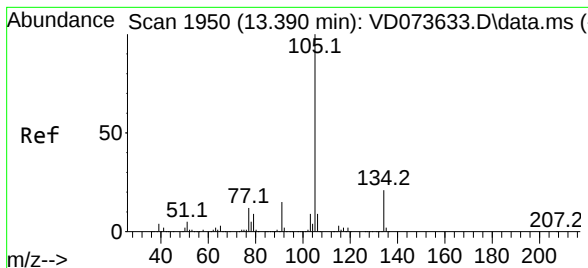
Tgt Ion:119 Resp: 543004
Ion Ratio Lower Upper
119 100
91 67.7 32.3 96.8
134 27.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 55.257 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion:105 Resp: 643731
Ion Ratio Lower Upper
105 100
120 45.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 54.286 ug/l

RT: 13.384 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

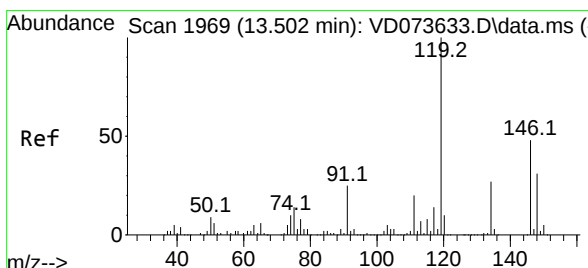
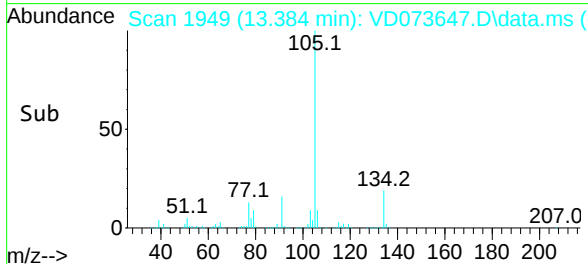
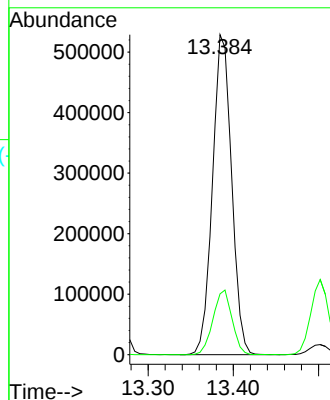
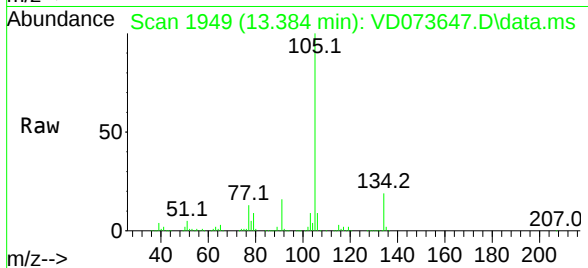
VSTDCCC050EC

Tgt Ion:105 Resp: 825241

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.8



#86

p-Isopropyltoluene

Concen: 55.906 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

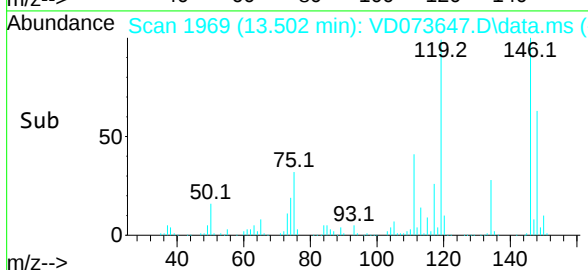
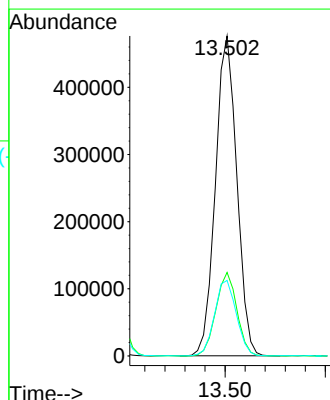
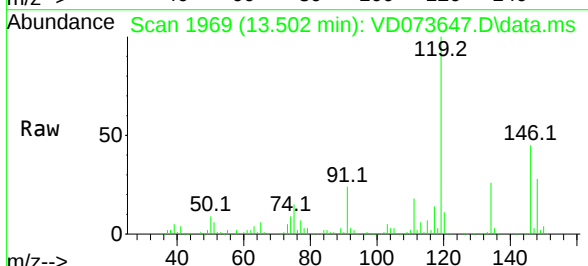
Tgt Ion:119 Resp: 701997

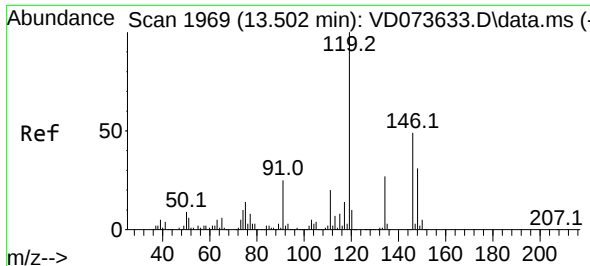
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.1 12.0 36.0

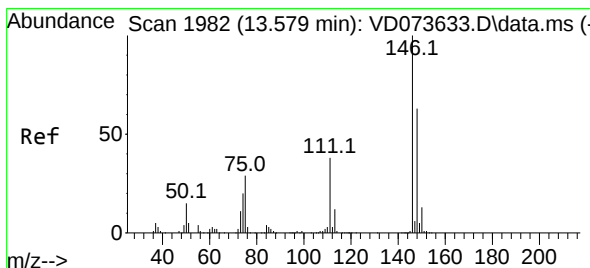
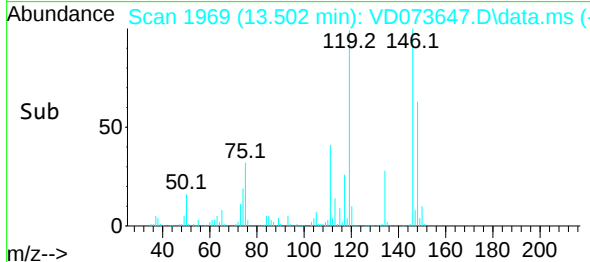
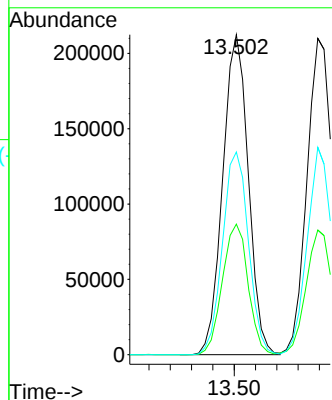
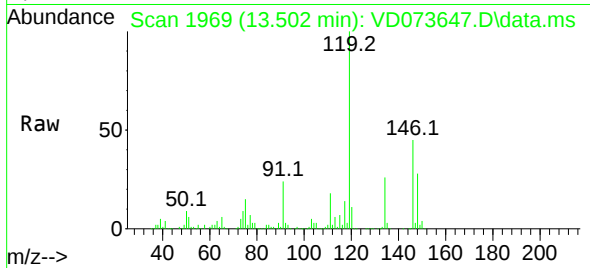




#87
1,3-Dichlorobenzene
Concen: 50.951 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

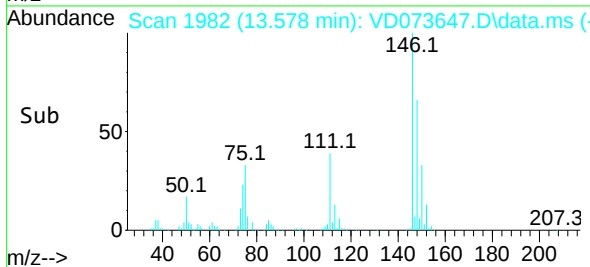
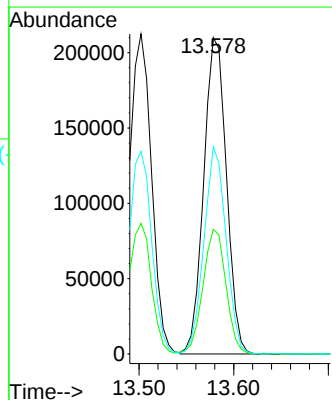
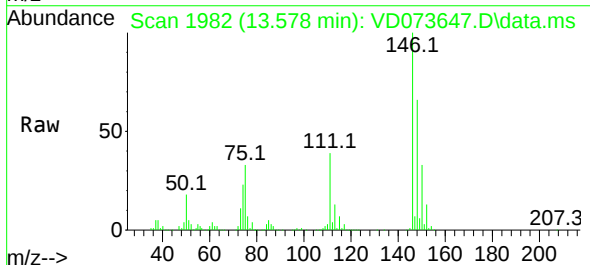
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

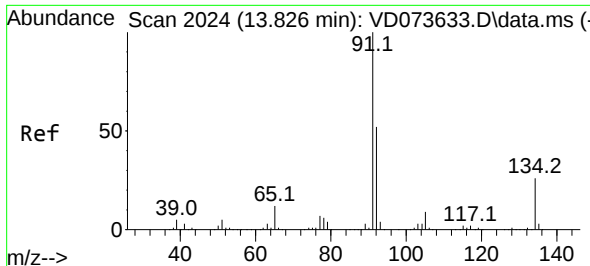
Tgt Ion:146 Resp: 353728
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 64.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 50.941 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion:146 Resp: 350514
Ion Ratio Lower Upper
146 100
111 39.8 19.8 59.3
148 63.9 31.9 95.9

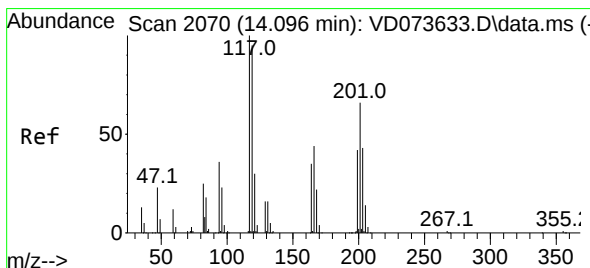
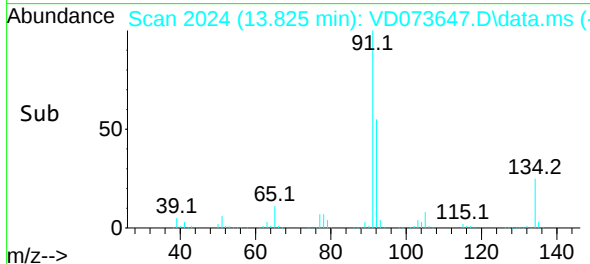
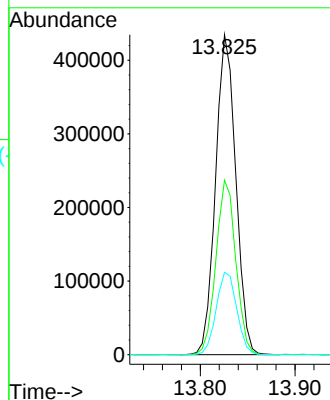
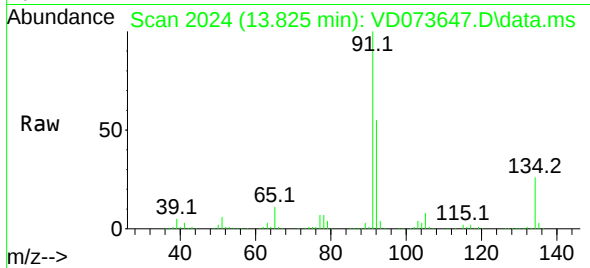




#89
n-Butylbenzene
Concen: 54.761 ug/l
RT: 13.825 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

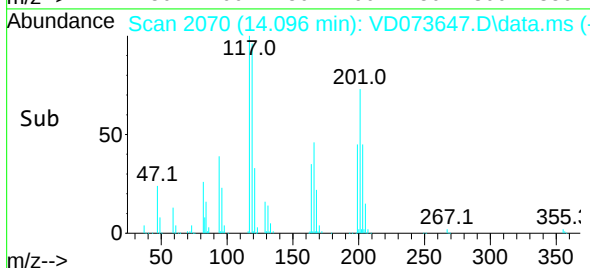
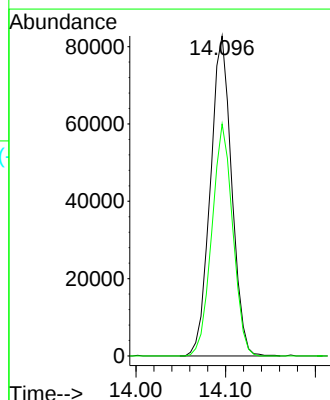
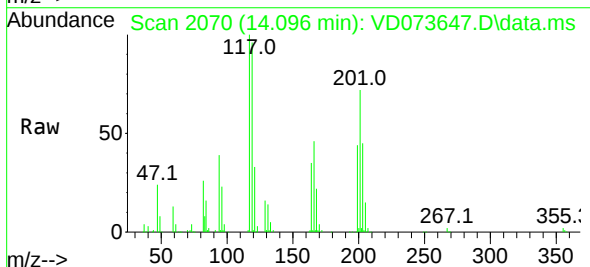
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

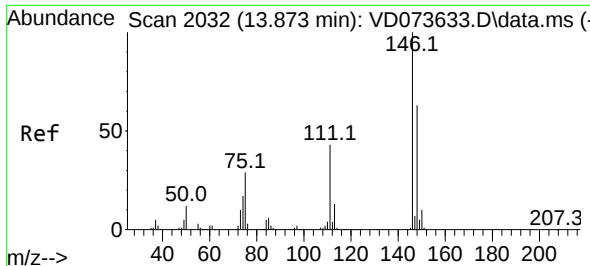
Tgt Ion: 91 Resp: 646529
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.4
134 26.2 13.1 39.3



#90
Hexachloroethane
Concen: 50.844 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 117 Resp: 136353
Ion Ratio Lower Upper
117 100
201 71.1 34.5 103.6

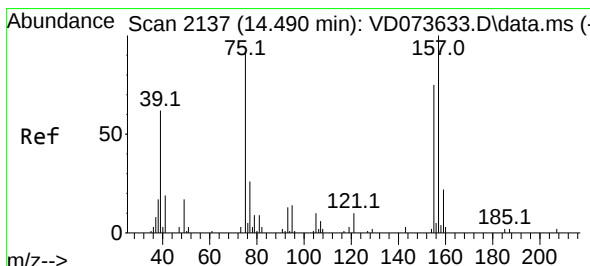
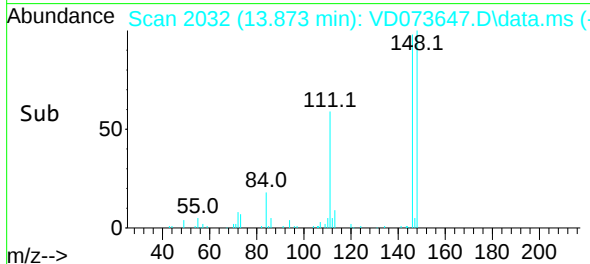
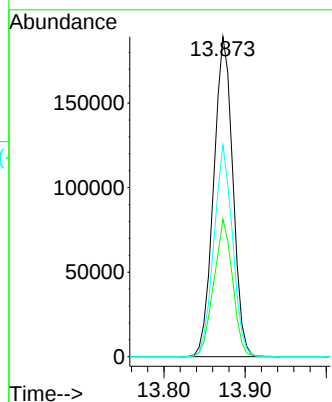
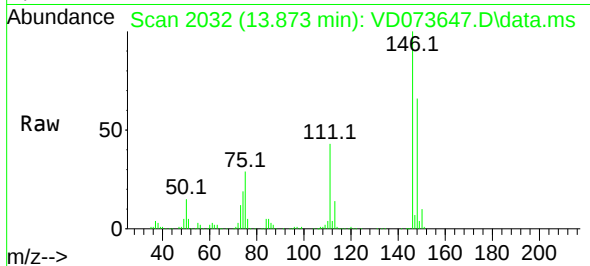




#91
1,2-Dichlorobenzene
Concen: 51.900 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

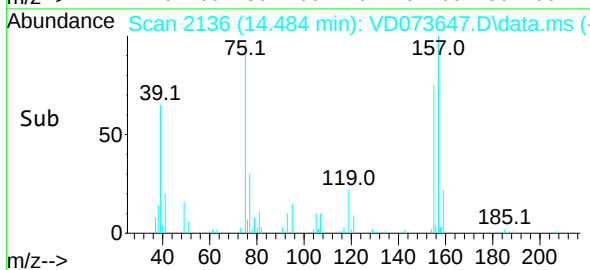
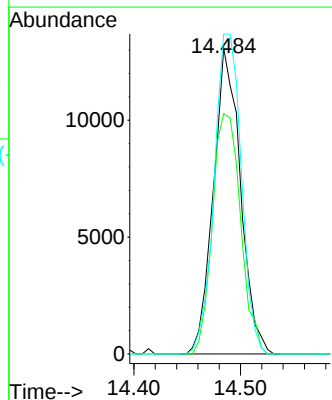
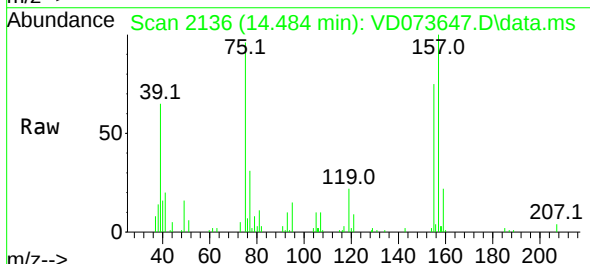
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

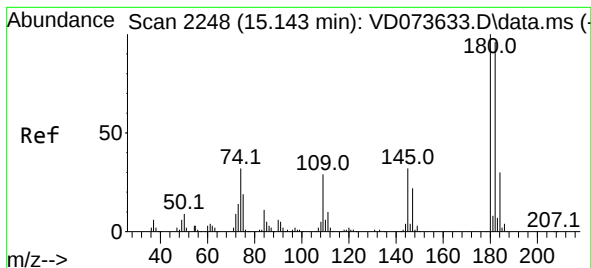
Tgt Ion:146 Resp: 310851
Ion Ratio Lower Upper
146 100
111 41.9 20.9 62.7
148 64.4 31.5 94.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.690 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073647.D
Acq: 21 Jun 2022 16:41

Tgt Ion: 75 Resp: 23022
Ion Ratio Lower Upper
75 100
155 81.8 41.6 124.8
157 104.8 51.7 155.2





#93

1,2,4-Trichlorobenzene

Concen: 54.125 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

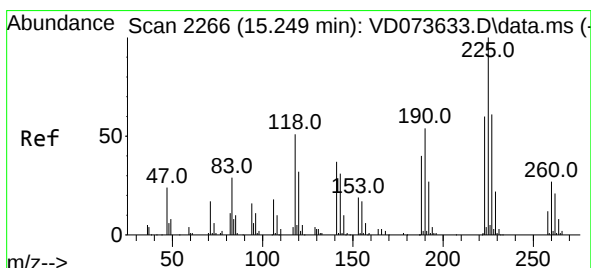
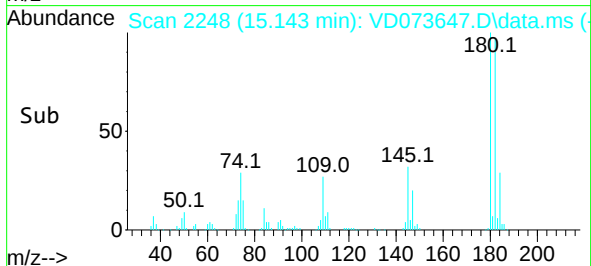
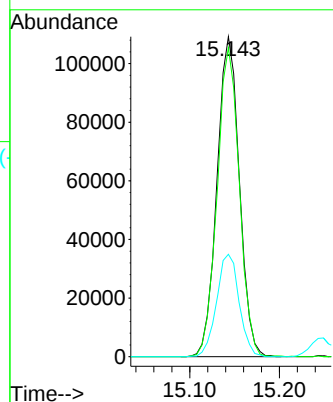
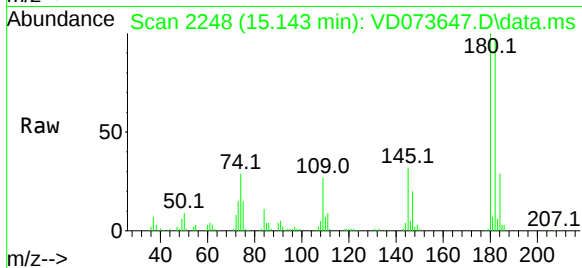
Tgt Ion:180 Resp: 188846

Ion Ratio Lower Upper

180 100

182 95.8 48.0 144.2

145 32.3 16.1 48.3



#94

Hexachlorobutadiene

Concen: 52.514 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

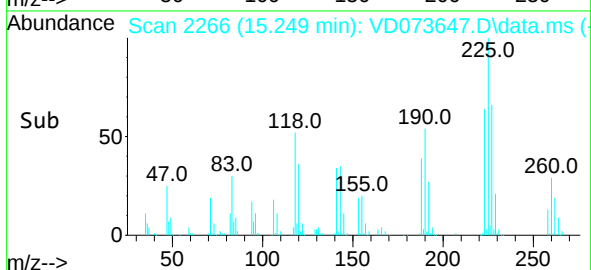
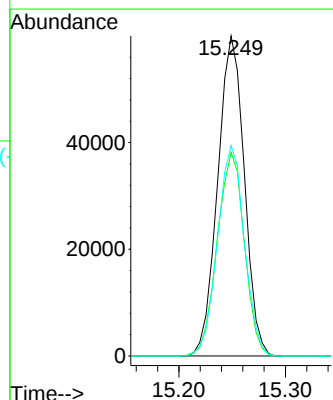
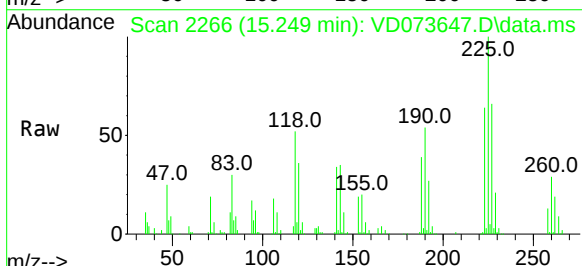
Tgt Ion:225 Resp: 103837

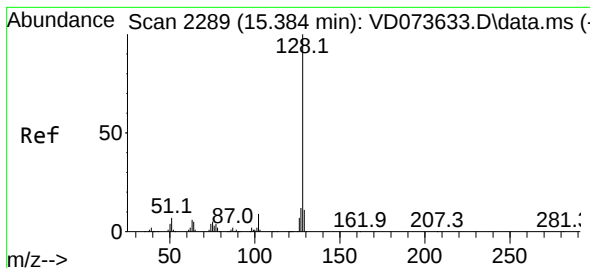
Ion Ratio Lower Upper

225 100

223 64.8 31.0 93.0

227 66.2 31.8 95.4





#95

Naphthalene

Concen: 51.822 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

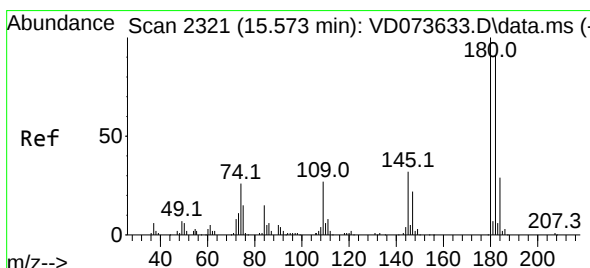
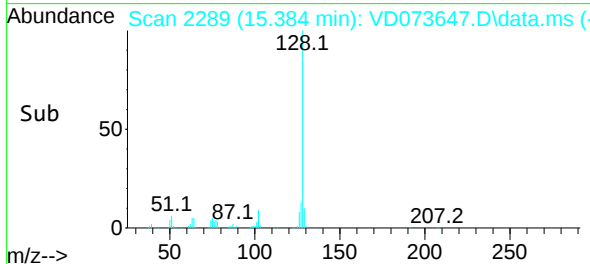
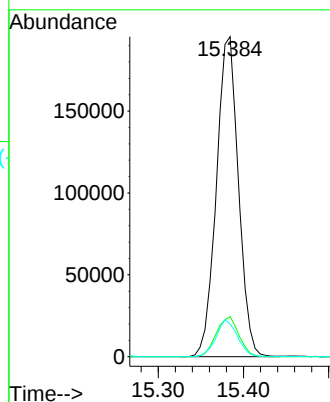
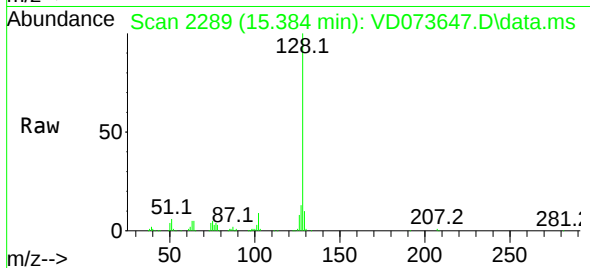
Tgt Ion:128 Resp: 351000

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.2 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 55.268 ug/l

RT: 15.572 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073647.D

Acq: 21 Jun 2022 16:41

Tgt Ion:180 Resp: 167748

Ion Ratio Lower Upper

180 100

182 94.2 46.1 138.3

145 33.7 16.8 50.3

