

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073166.D
 Acq On : 20 May 2022 04:53
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 05:37:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	281901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	493964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	487778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180529	57.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.900%
35) Dibromofluoromethane	7.908	113	179999	55.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.440%
50) Toluene-d8	10.332	98	660444	54.967	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.940%
62) 4-Bromofluorobenzene	12.620	95	234397	55.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	119434	42.400	ug/l	96
3) Chloromethane	2.209	50	146388	45.959	ug/l	98
4) Vinyl Chloride	2.350	62	130336	44.749	ug/l	98
5) Bromomethane	2.761	94	99689	53.687	ug/l	99
6) Chloroethane	2.920	64	89507	49.990	ug/l	100
7) Trichlorofluoromethane	3.267	101	239530	46.510	ug/l	99
8) Diethyl Ether	3.703	74	76943	54.370	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	139120	45.274	ug/l	97
10) Methyl Iodide	4.291	142	162785	49.101	ug/l	99
11) Tert butyl alcohol	5.214	59	73747	152.573	ug/l #	84
12) 1,1-Dichloroethene	4.067	96	137399	48.499	ug/l	90
13) Acrolein	3.920	56	47748	250.156	ug/l	96
14) Allyl chloride	4.714	41	222008	48.548	ug/l	90
15) Acrylonitrile	5.414	53	195283	301.773	ug/l	99
16) Acetone	4.155	43	144471	267.727	ug/l	98
17) Carbon Disulfide	4.403	76	457623	48.727	ug/l	98
18) Methyl Acetate	4.714	43	88167	58.758	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	375852	58.235	ug/l	100
20) Methylene Chloride	4.961	84	204715	60.661	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	175386	51.202	ug/l	96
22) Diisopropyl ether	6.361	45	548194	57.185	ug/l	94
23) Vinyl Acetate	6.302	43	1492164	291.818	ug/l #	92
24) 1,1-Dichloroethane	6.261	63	325074	52.830	ug/l	99
25) 2-Butanone	7.208	43	233654	295.957	ug/l	93
26) 2,2-Dichloropropane	7.202	77	227978	43.445	ug/l	94
27) cis-1,2-Dichloroethene	7.208	96	203730	53.752	ug/l	89
28) Bromochloromethane	7.538	49	120645	56.911	ug/l	86
29) Tetrahydrofuran	7.561	42	155359	304.330	ug/l	92
30) Chloroform	7.702	83	354413	55.170	ug/l	100
31) Cyclohexane	7.979	56	240474	44.170	ug/l	94
32) 1,1,1-Trichloroethane	7.896	97	284870	50.702	ug/l	97
36) 1,1-Dichloropropene	8.108	75	239274	48.809	ug/l	97
37) Ethyl Acetate	7.291	43	111504	57.585	ug/l #	94
38) Carbon Tetrachloride	8.091	117	236301	47.552	ug/l	97
39) Methylcyclohexane	9.349	83	248547	45.494	ug/l	99
40) Benzene	8.344	78	746230	52.818	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	62940	55.789	ug/l	89
42) 1,2-Dichloroethane	8.414	62	213032	54.190	ug/l	96
43) Isopropyl Acetate	8.444	43	204322	57.088	ug/l #	92
44) Trichloroethene	9.102	130	187749	49.833	ug/l	99
45) 1,2-Dichloropropane	9.379	63	190343	53.496	ug/l	97
46) Dibromomethane	9.461	93	107359	54.939	ug/l	98
47) Bromodichloromethane	9.655	83	266392	53.278	ug/l	99
48) Methyl methacrylate	9.449	41	106847	59.337	ug/l	90
49) 1,4-Dioxane	9.455	88	23478	1163.401	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	563744	303.266	ug/l	95
52) Toluene	10.396	92	475188	53.225	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	239779	53.082	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	281056	51.993	ug/l #	88
55) 1,1,2-Trichloroethane	10.790	97	149643	56.629	ug/l	97
56) Ethyl methacrylate	10.649	69	175079	59.590	ug/l	87
57) 1,3-Dichloropropane	10.937	76	251139	56.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	378968	269.631	ug/l	97
59) 2-Hexanone	10.973	43	380176	310.208	ug/l	94
60) Dibromochloromethane	11.132	129	182411	55.360	ug/l	98
61) 1,2-Dibromoethane	11.237	107	139402	55.206	ug/l	94
64) Tetrachloroethene	10.867	164	147454	46.154	ug/l	90
65) Chlorobenzene	11.661	112	507187	50.685	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	192731	51.933	ug/l	99
67) Ethyl Benzene	11.732	91	887725	50.536	ug/l	98
68) m/p-Xylenes	11.843	106	697161	102.152	ug/l	98
69) o-Xylene	12.167	106	326975	52.152	ug/l	95
70) Styrene	12.184	104	576888	53.482	ug/l	98
71) Bromoform	12.349	173	104770	54.853	ug/l #	96
73) Isopropylbenzene	12.467	105	827130	48.425	ug/l	98
74) N-amyl acetate	12.279	43	200936	53.925	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	166646	52.900	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	211133	89.811	ug/l #	100
77) Bromobenzene	12.749	156	202867	50.454	ug/l	94
78) n-propylbenzene	12.808	91	1030825	48.072	ug/l	99
79) 2-Chlorotoluene	12.896	91	611948	49.426	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	724488	50.071	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	48100	49.120	ug/l	91
82) 4-Chlorotoluene	12.990	91	638547	49.204	ug/l	99
83) tert-Butylbenzene	13.208	119	590267	48.404	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	721899	50.504	ug/l	99
85) sec-Butylbenzene	13.384	105	883767	47.464	ug/l	99
86) p-Isopropyltoluene	13.502	119	732308	48.247	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	403195	49.749	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	392773	48.010	ug/l	99
89) n-Butylbenzene	13.826	91	678259	46.899	ug/l	99
90) Hexachloroethane	14.096	117	153877	48.996	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	352690	50.296	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25014	51.851	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	193849	48.693	ug/l	98
94) Hexachlorobutadiene	15.249	225	101284	45.148	ug/l	97
95) Naphthalene	15.378	128	388982	49.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	180708	51.202	ug/l	97

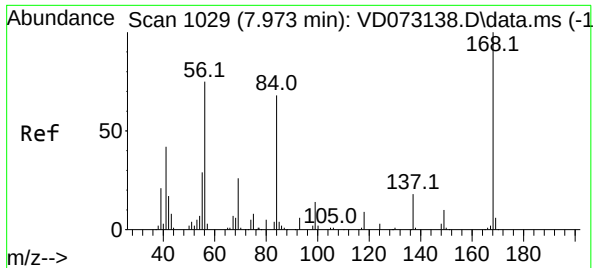
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Response via : Initial Calibration

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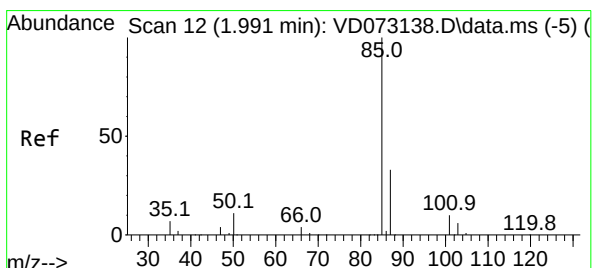
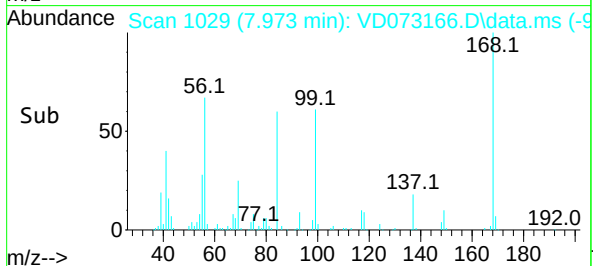
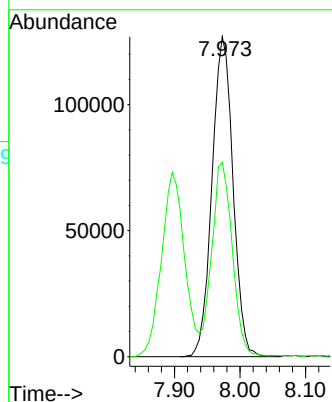
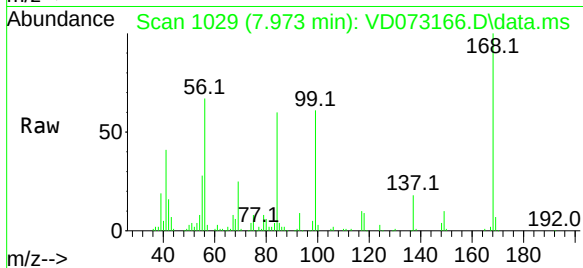
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

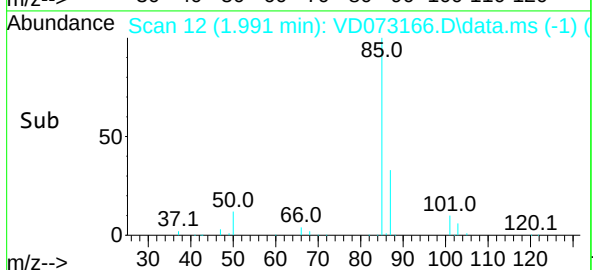
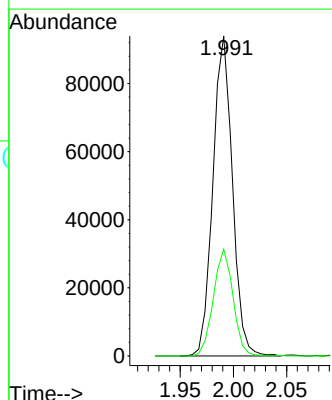
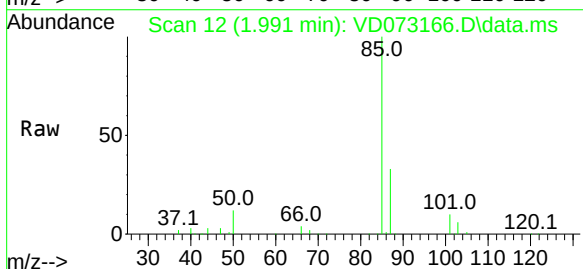
Instrument :
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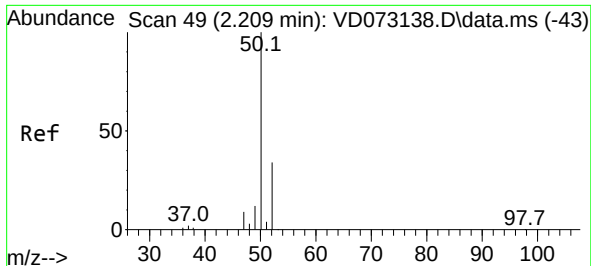
Tgt Ion:168 Resp: 281901
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 42.400 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 85 Resp: 119434
Ion Ratio Lower Upper
85 100
87 33.4 15.7 47.0

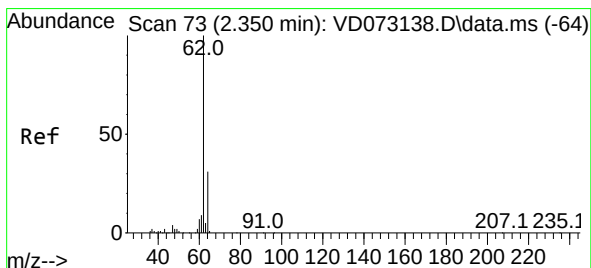
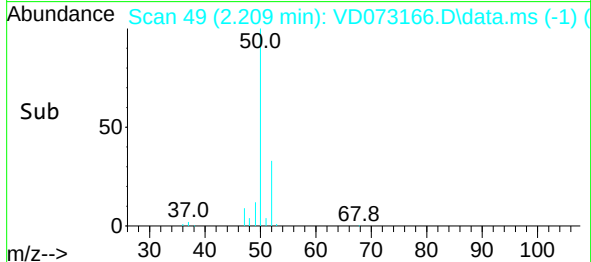
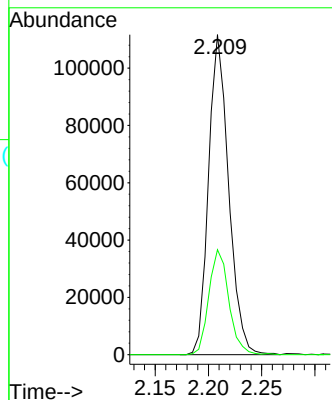
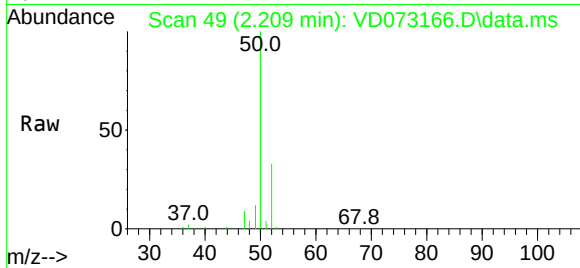




#3
Chloromethane
Concen: 45.959 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

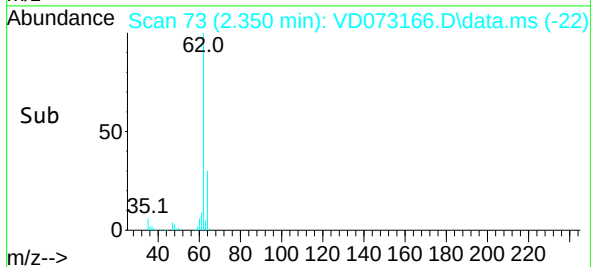
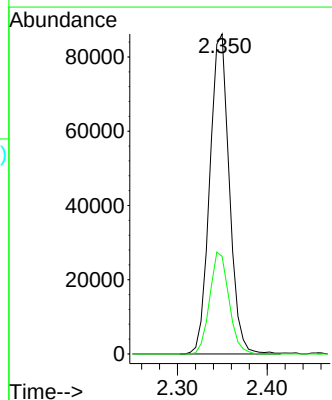
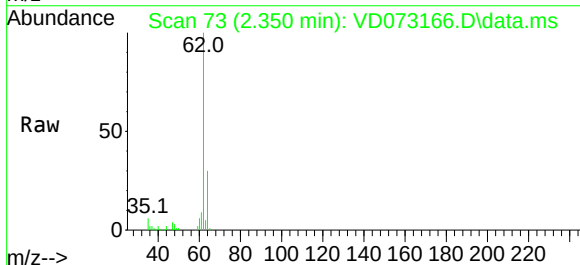
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

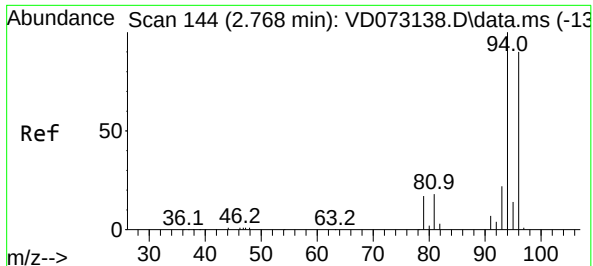
Tgt Ion: 50 Resp: 146388
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.0



#4
Vinyl Chloride
Concen: 44.749 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 62 Resp: 130336
Ion Ratio Lower Upper
62 100
64 30.5 25.4 38.0





#5

Bromomethane

Concen: 53.687 ug/l

RT: 2.761 min Scan# 144

Delta R.T. -0.007 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

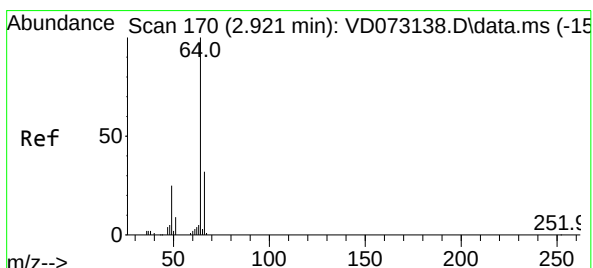
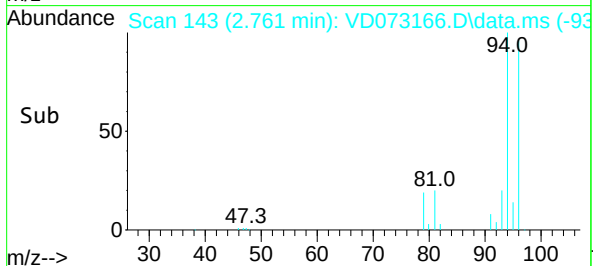
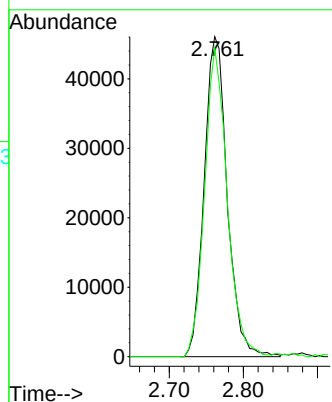
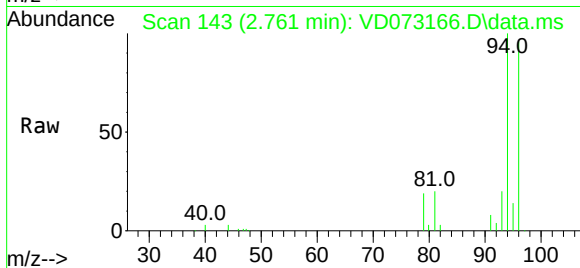
VSTDCCC050

Tgt Ion: 94 Resp: 99689

Ion Ratio Lower Upper

94 100

96 96.4 77.6 116.4



#6

Chloroethane

Concen: 49.990 ug/l

RT: 2.920 min Scan# 170

Delta R.T. -0.001 min

Lab File: VD073166.D

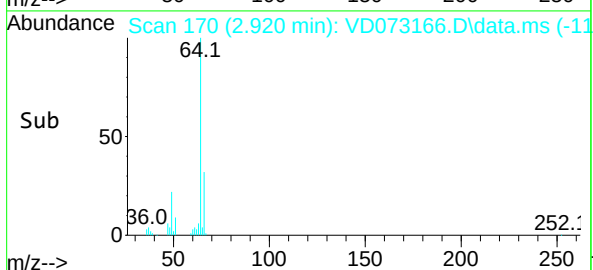
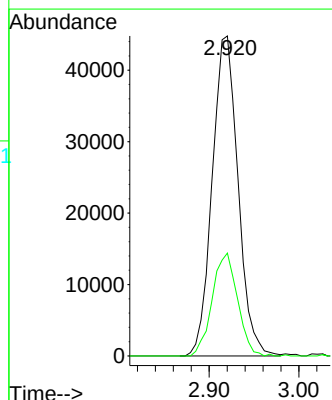
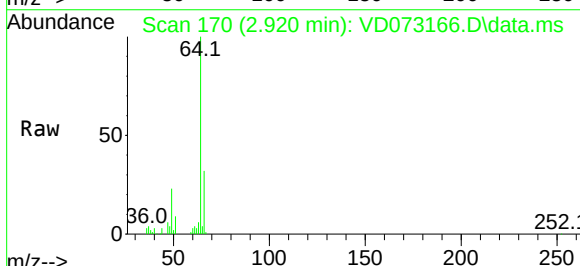
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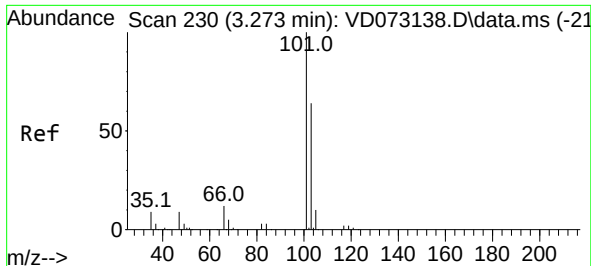
Tgt Ion: 64 Resp: 89507

Ion Ratio Lower Upper

64 100

66 32.1 25.9 38.9

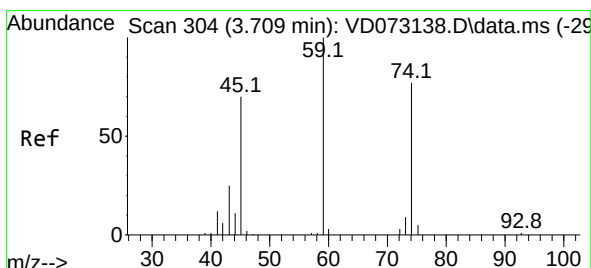
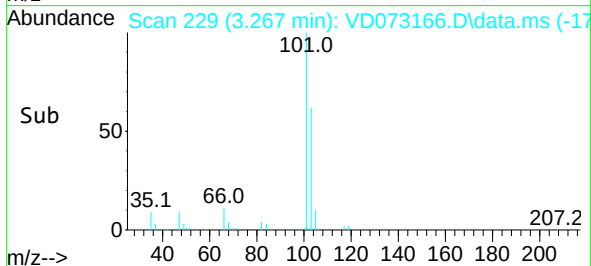
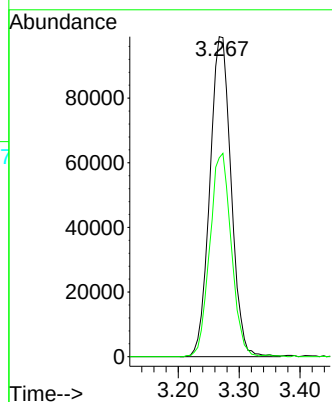
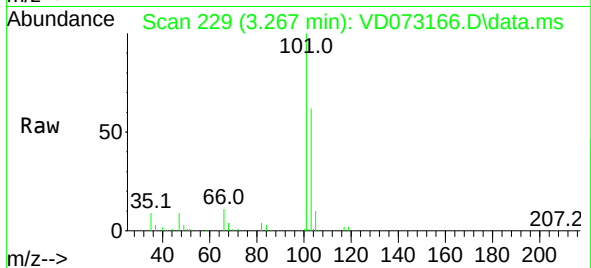




#7
Trichlorofluoromethane
Concen: 46.510 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

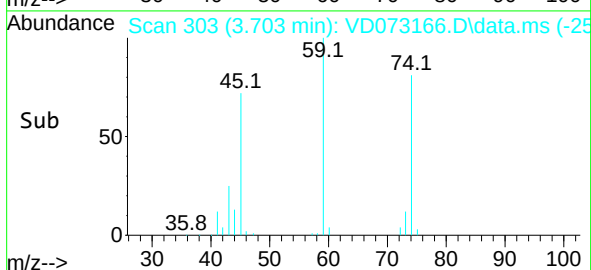
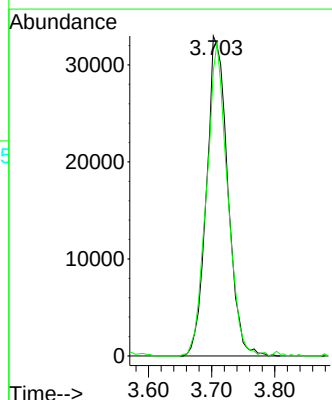
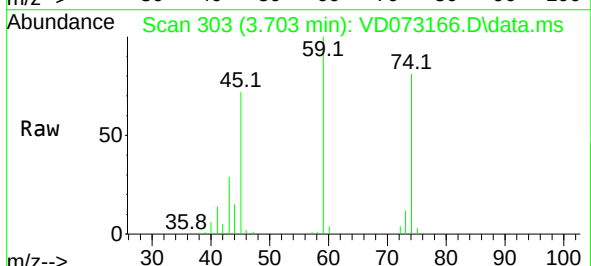
Instrument :
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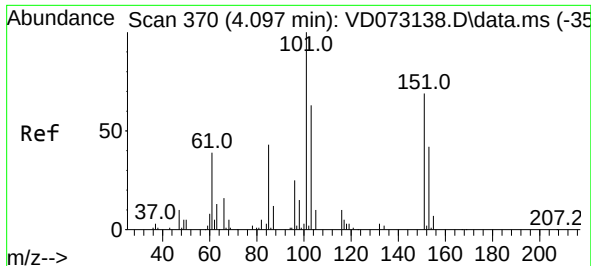
Tgt Ion:101 Resp: 239530
Ion Ratio Lower Upper
101 100
103 62.1 50.1 75.1



#8
Diethyl Ether
Concen: 54.370 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 74 Resp: 76943
Ion Ratio Lower Upper
74 100
45 97.2 52.6 157.8

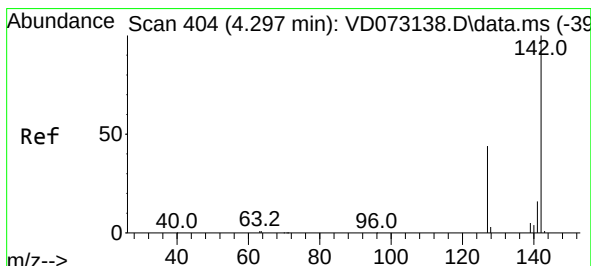
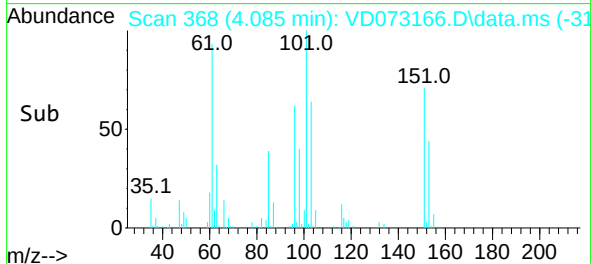
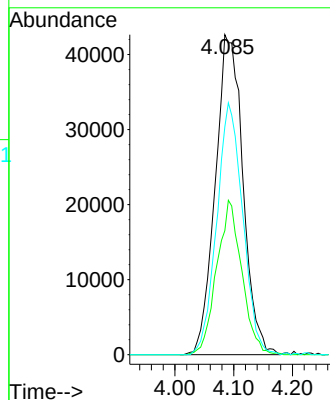
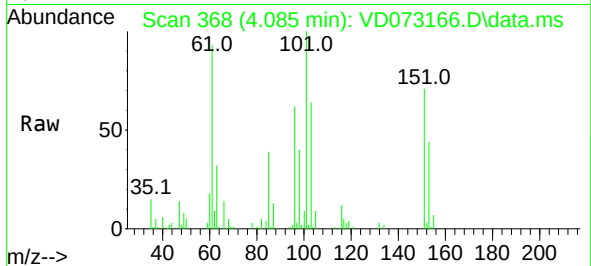




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.274 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD073166.D
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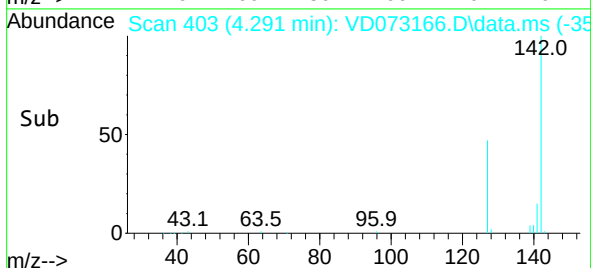
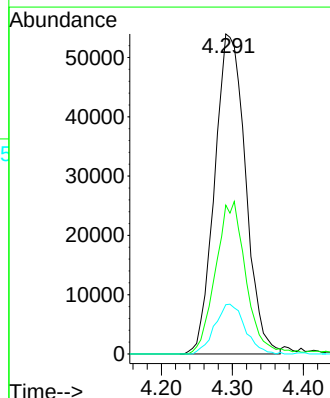
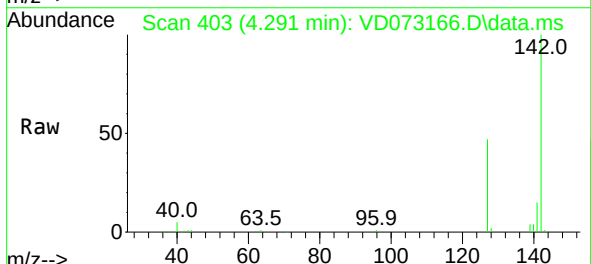
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

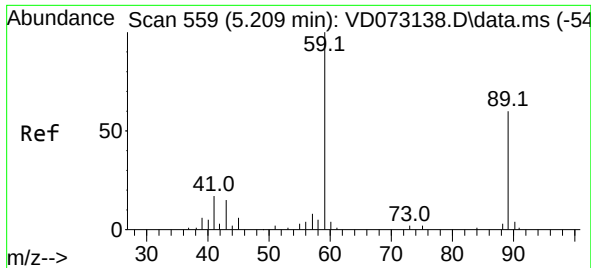
Tgt Ion:101 Resp: 139120
Ion Ratio Lower Upper
101 100
85 43.9 36.4 54.6
151 74.2 57.3 85.9



#10
Methyl Iodide
Concen: 49.101 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion:142 Resp: 162785
Ion Ratio Lower Upper
142 100
127 47.0 37.3 55.9
141 15.3 11.7 17.5

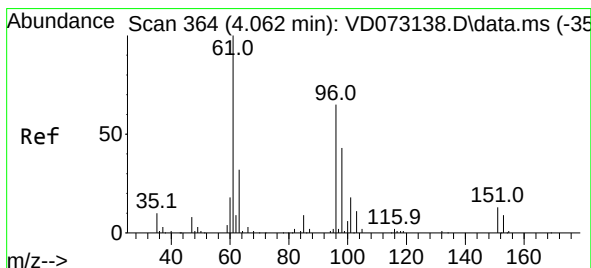
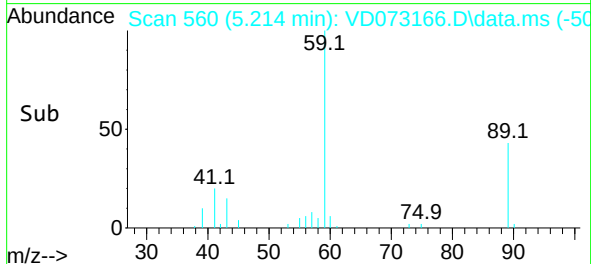
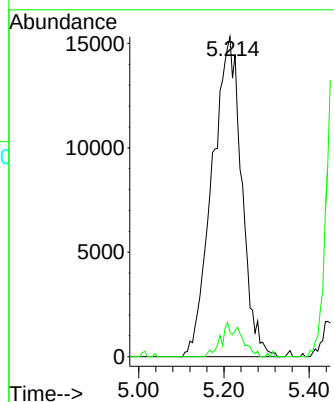
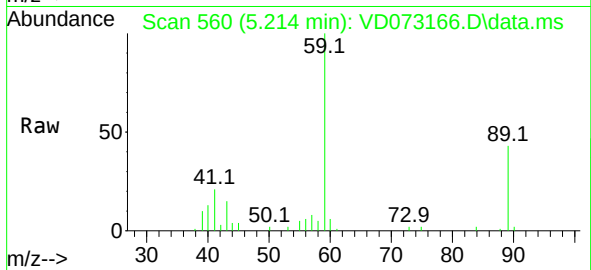




#11
Tert butyl alcohol
Concen: 152.573 ug/l
RT: 5.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

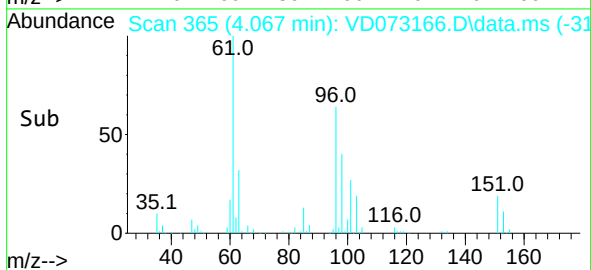
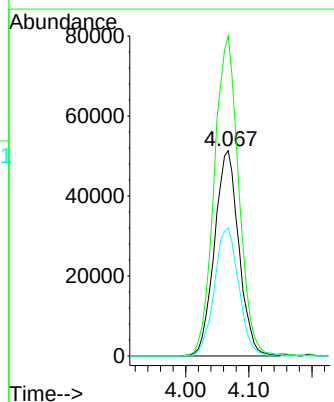
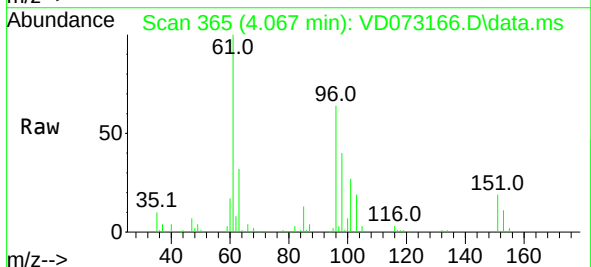
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

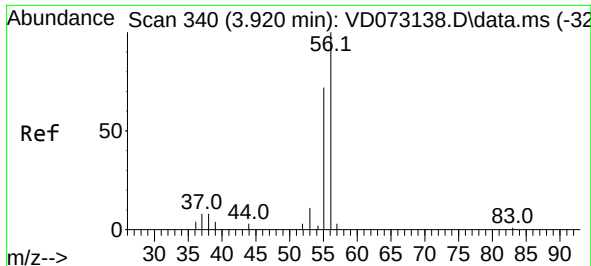
Tgt Ion: 59 Resp: 73747
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.499 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.005 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 96 Resp: 137399
Ion Ratio Lower Upper
96 100
61 155.9 138.5 207.7
98 62.3 48.6 73.0

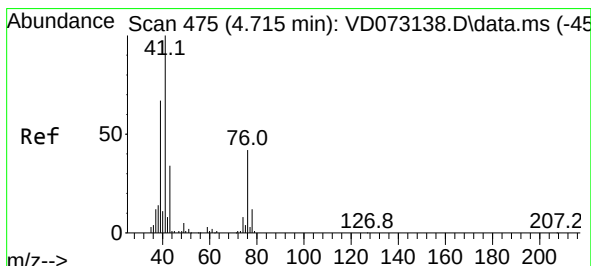
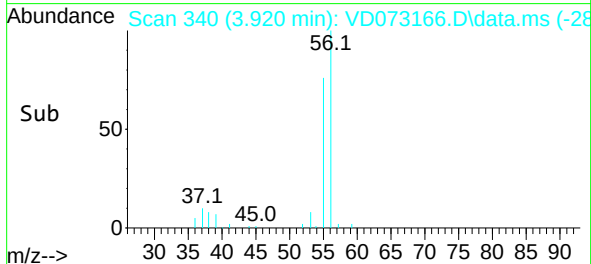
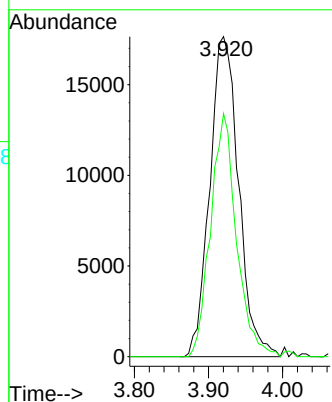
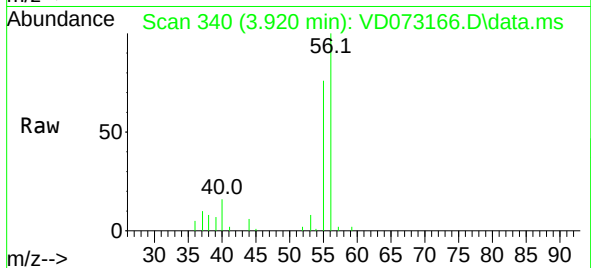




#13
Acrolein
Concen: 250.156 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

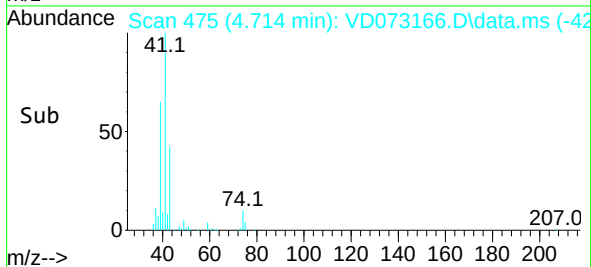
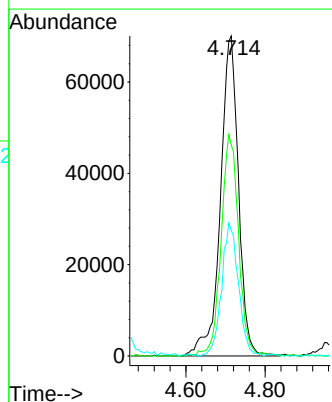
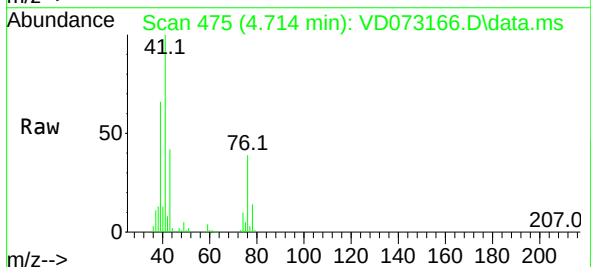
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

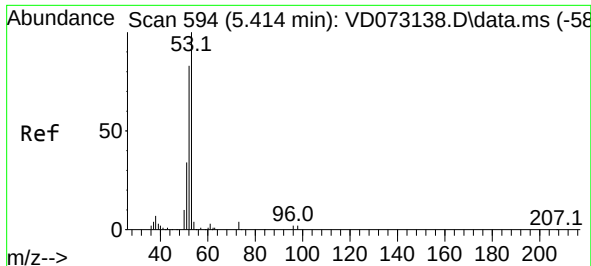
Tgt Ion: 56 Resp: 47748
Ion Ratio Lower Upper
56 100
55 68.0 57.1 85.7



#14
Allyl chloride
Concen: 48.548 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 41 Resp: 222008
Ion Ratio Lower Upper
41 100
39 66.6 59.3 88.9
76 38.5 25.7 38.5

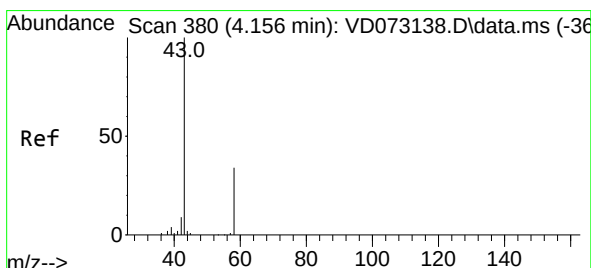
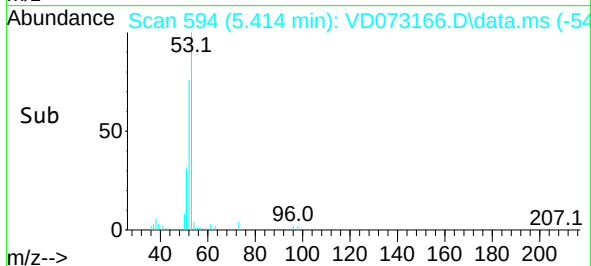
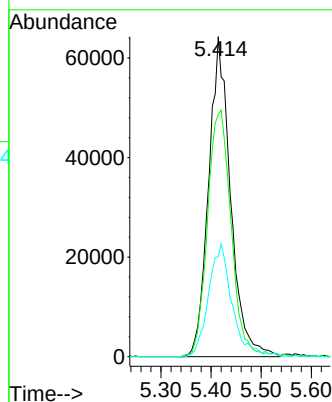
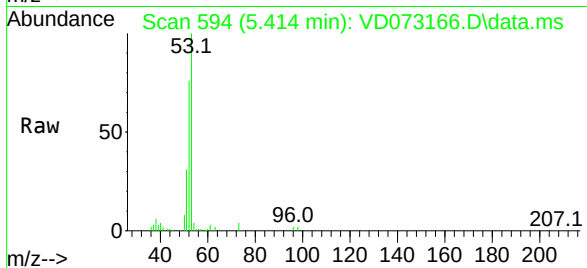




#15
Acrylonitrile
Concen: 301.773 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

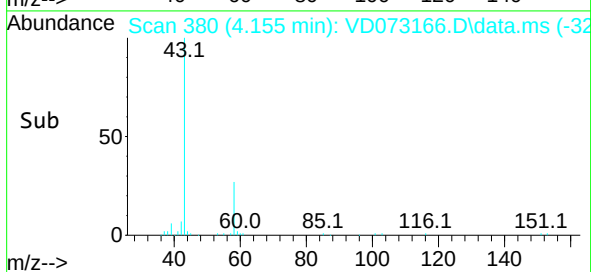
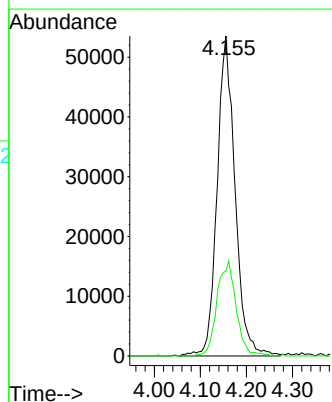
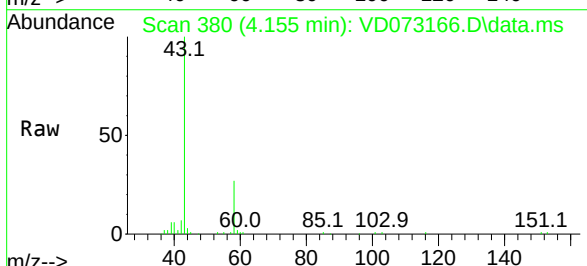
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

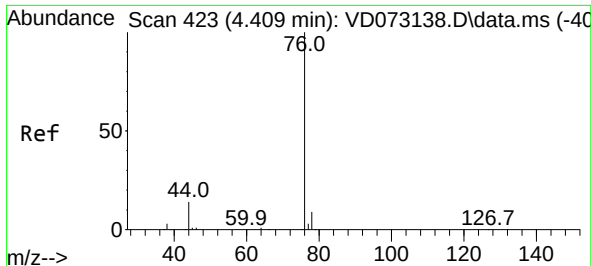
Tgt Ion: 53 Resp: 195283
Ion Ratio Lower Upper
53 100
52 82.9 67.2 100.8
51 37.8 30.3 45.5



#16
Acetone
Concen: 267.727 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 43 Resp: 144471
Ion Ratio Lower Upper
43 100
58 26.6 22.1 33.1

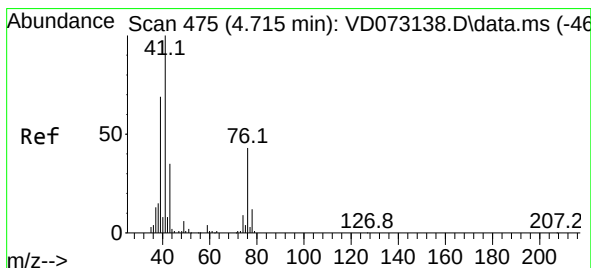
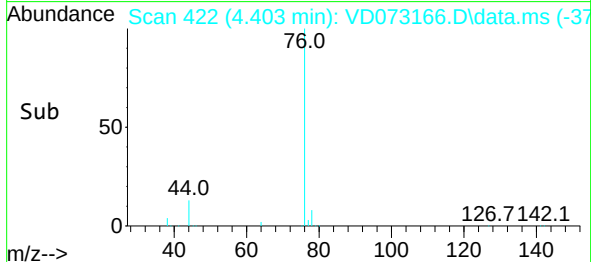
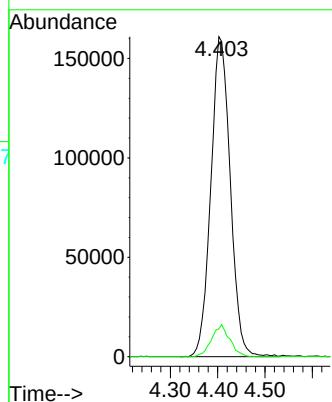
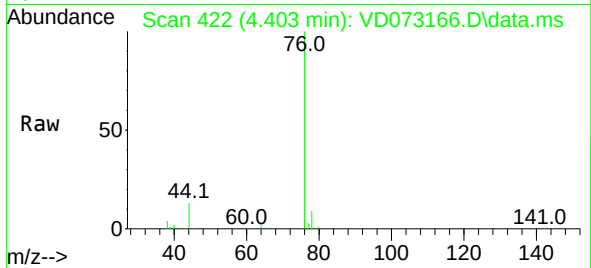




#17
Carbon Disulfide
Concen: 48.727 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

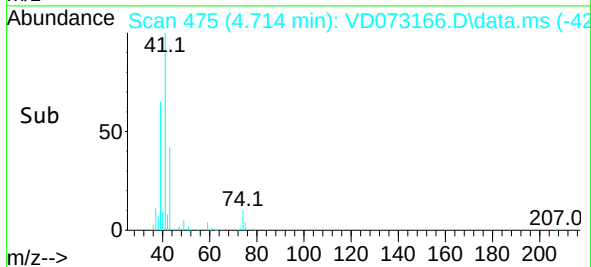
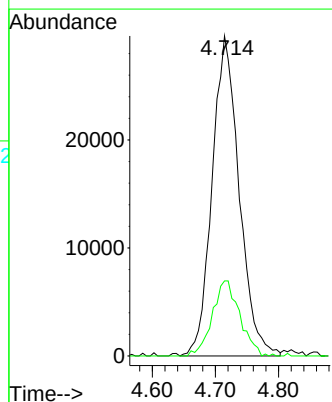
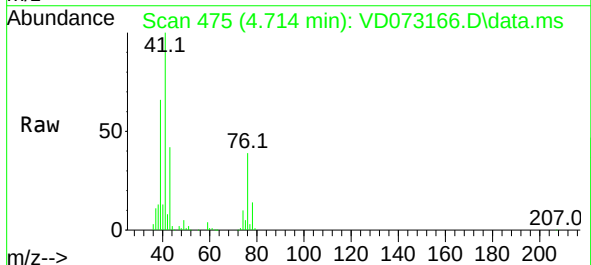
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

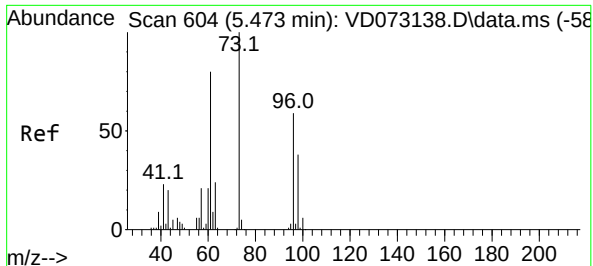
Tgt Ion: 76 Resp: 457623
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 58.758 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 43 Resp: 88167
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1

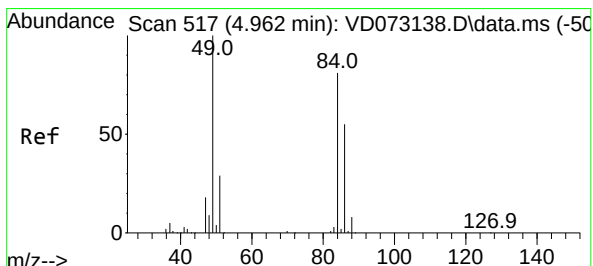
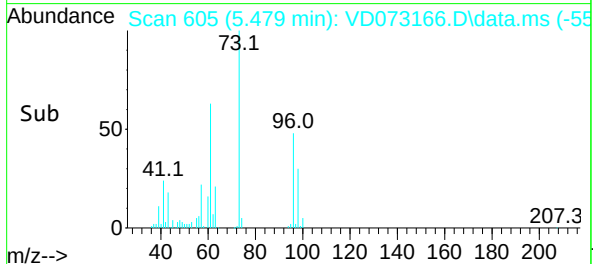
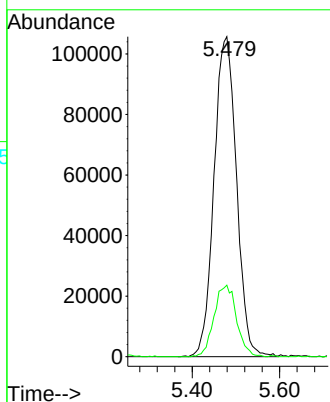
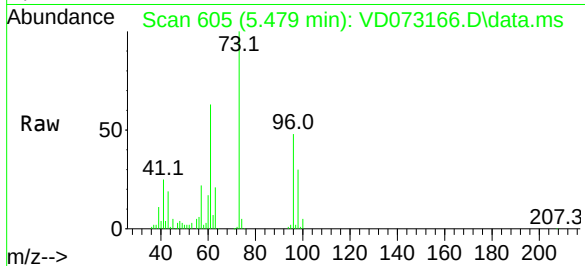




#19
Methyl tert-butyl Ether
Concen: 58.235 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

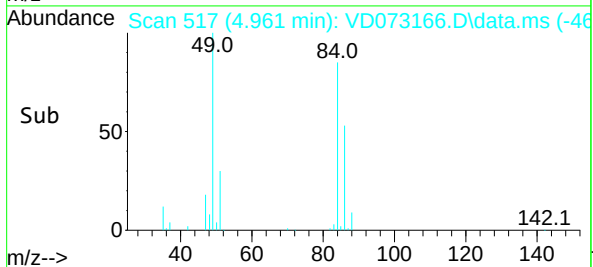
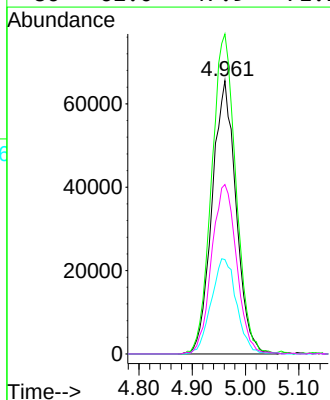
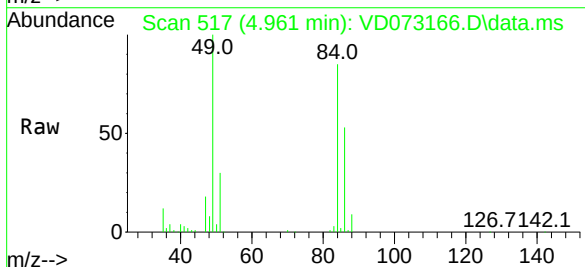
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

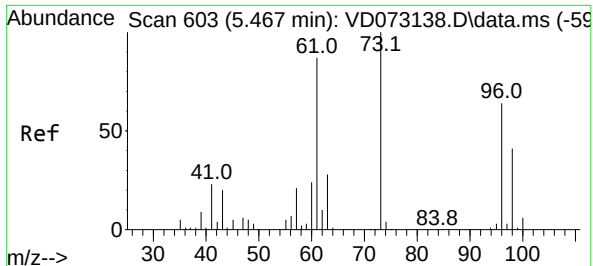
Tgt Ion: 73 Resp: 375852
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0



#20
Methylene Chloride
Concen: 60.661 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 84 Resp: 204715
Ion Ratio Lower Upper
84 100
49 117.1 112.8 169.2
51 34.6 32.6 48.8
86 62.0 47.9 71.9

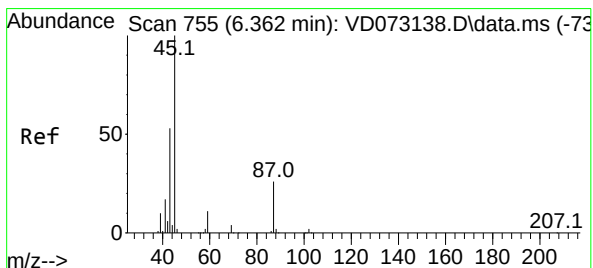
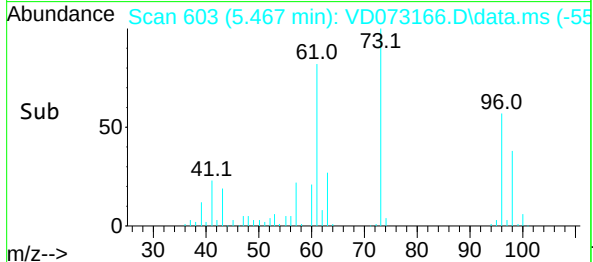
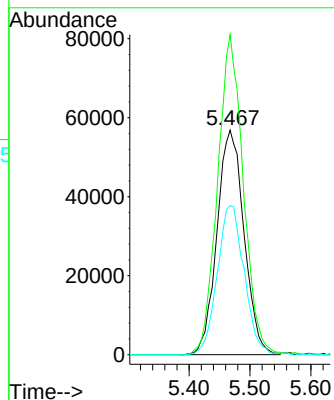
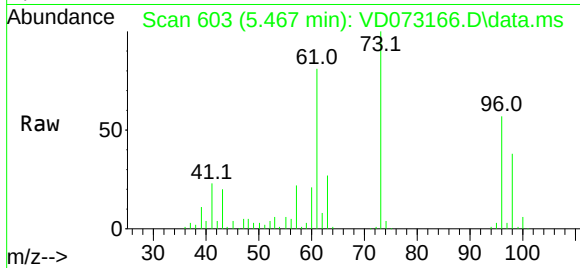




#21
trans-1,2-Dichloroethene
Concen: 51.202 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

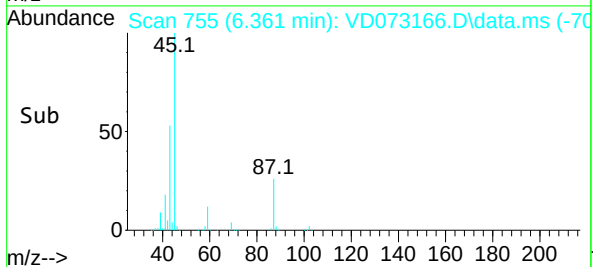
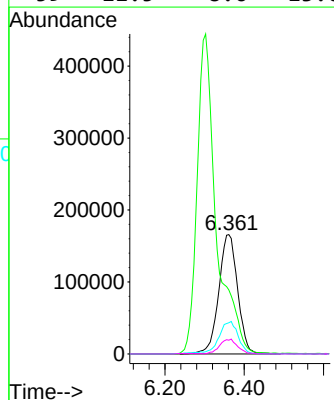
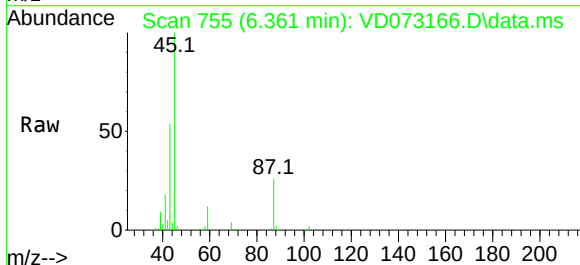
Instrument :
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ClientSampleId :
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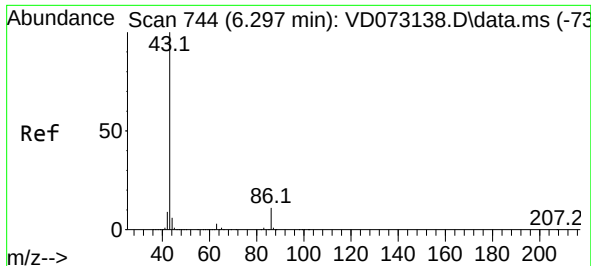
Tgt Ion: 96 Resp: 175386
Ion Ratio Lower Upper
96 100
61 142.6 117.9 176.9
98 66.5 49.4 74.2



#22
Diisopropyl ether
Concen: 57.185 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 45 Resp: 548194
Ion Ratio Lower Upper
45 100
43 53.1 46.6 70.0
87 26.0 18.4 27.6
59 11.5 8.6 13.0

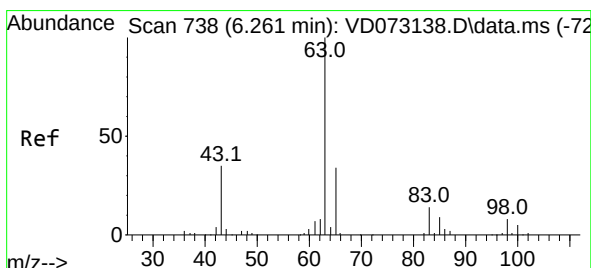
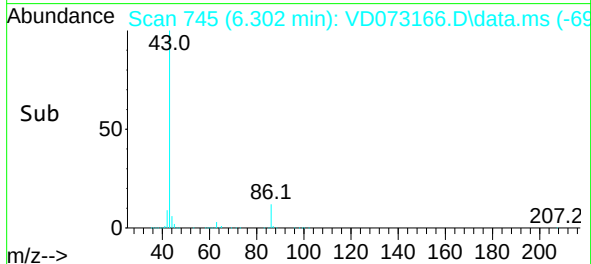
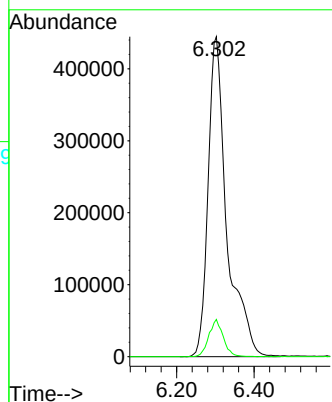
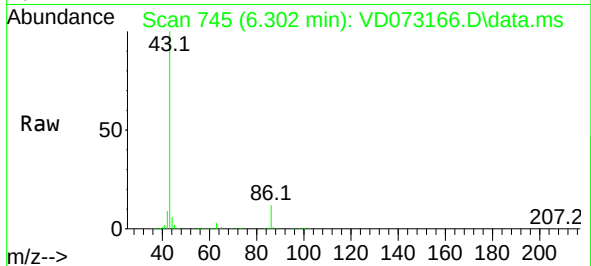




#23
 Vinyl Acetate
 Concen: 291.818 ug/l
 RT: 6.302 min Scan# 744
 Delta R.T. 0.005 min
 Lab File: VD073166.D
 Acq: 20 May 2022 04:53

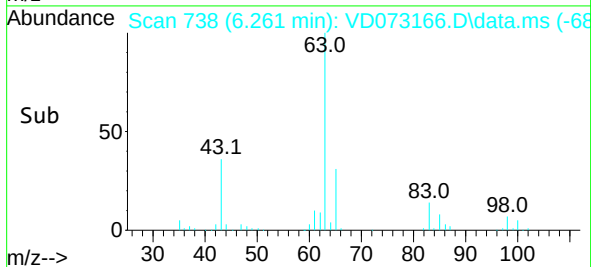
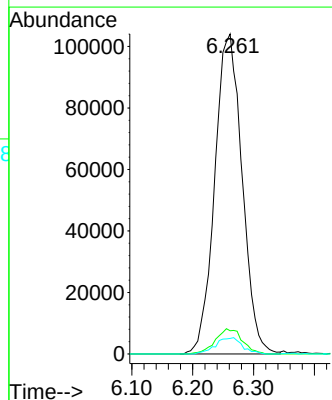
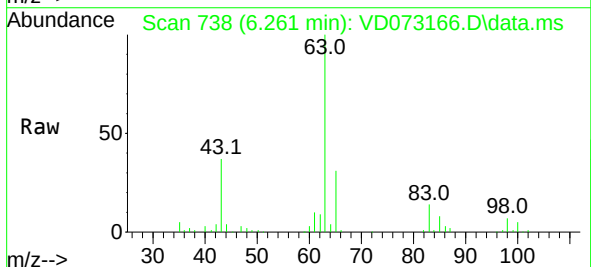
Instrument :
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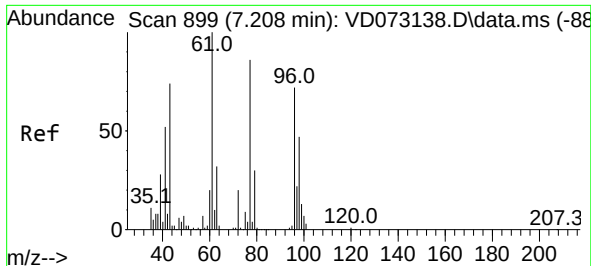
Tgt Ion: 43 Resp: 1492164
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.830 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073166.D
 Acq: 20 May 2022 04:53

Tgt Ion: 63 Resp: 325074
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.8 2.1 6.5

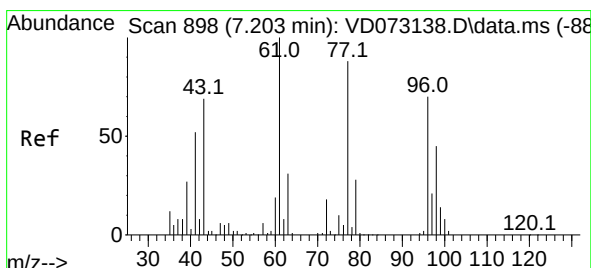
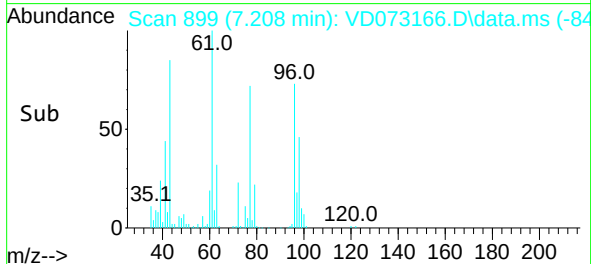
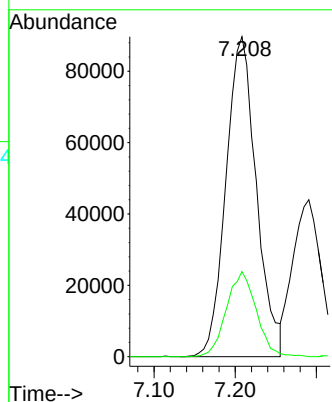
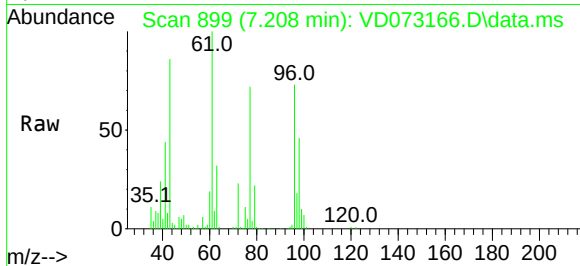




#25
2-Butanone
Concen: 295.957 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

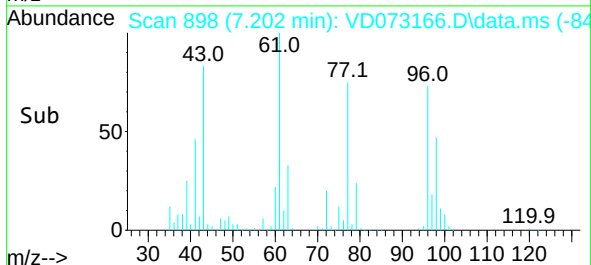
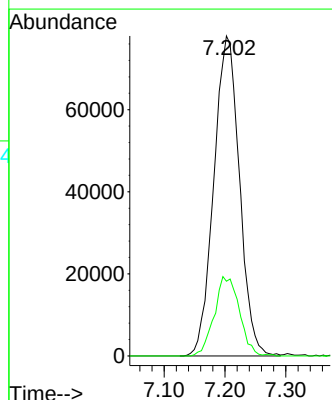
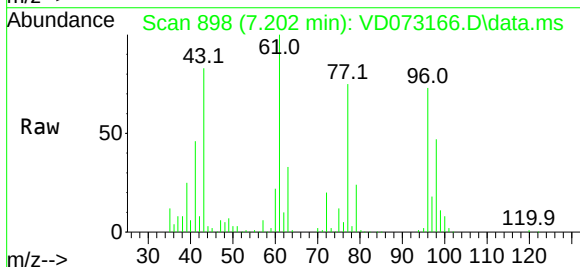
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

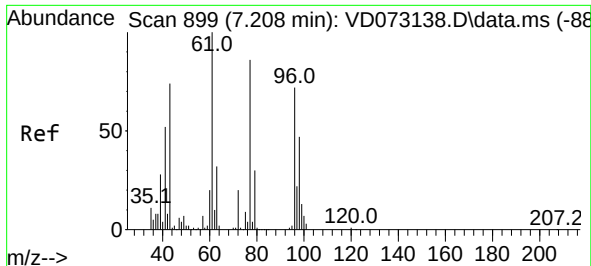
Tgt Ion: 43 Resp: 233654
Ion Ratio Lower Upper
43 100
72 26.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 43.445 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 77 Resp: 227978
Ion Ratio Lower Upper
77 100
97 24.3 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 53.752 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

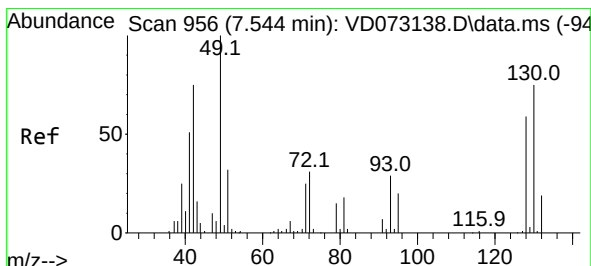
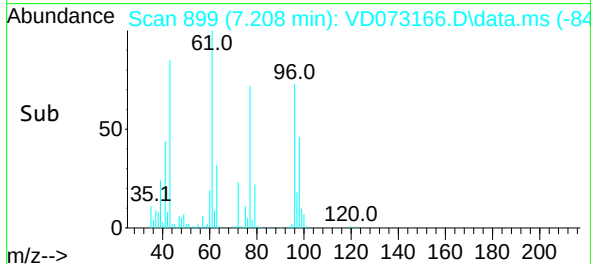
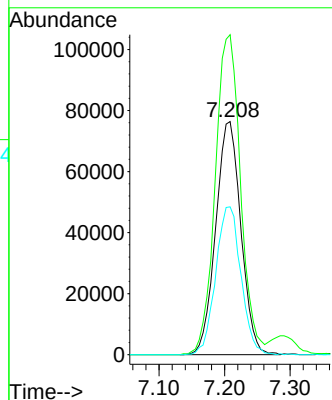
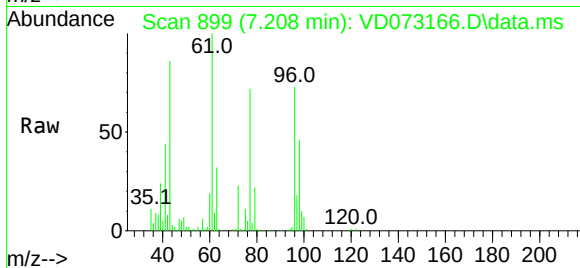
Tgt Ion: 96 Resp: 203730

Ion Ratio Lower Upper

96 100

61 137.9 0.0 313.8

98 63.4 0.0 128.8



#28

Bromochloromethane

Concen: 56.911 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.006 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

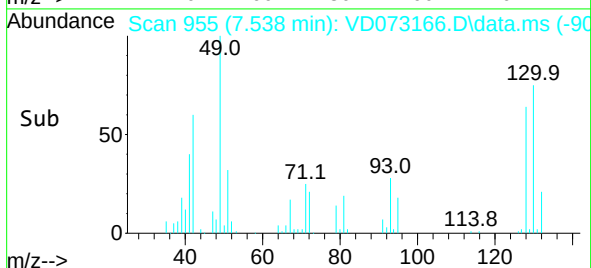
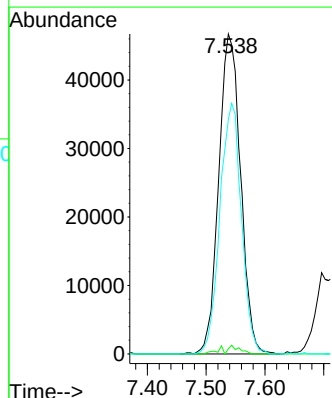
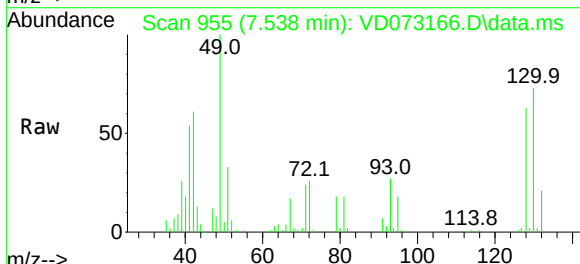
Tgt Ion: 49 Resp: 120645

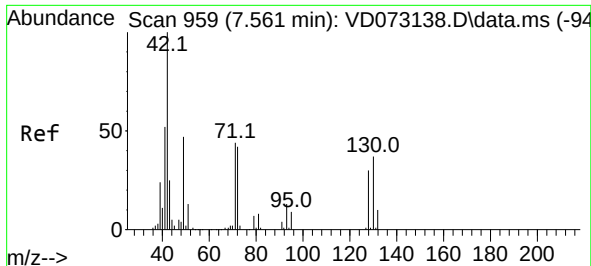
Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.0

130 77.1 52.6 79.0





#29

Tetrahydrofuran

Concen: 304.330 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

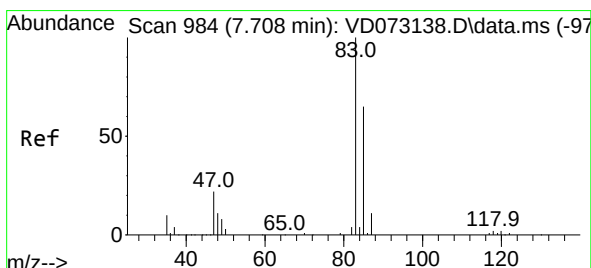
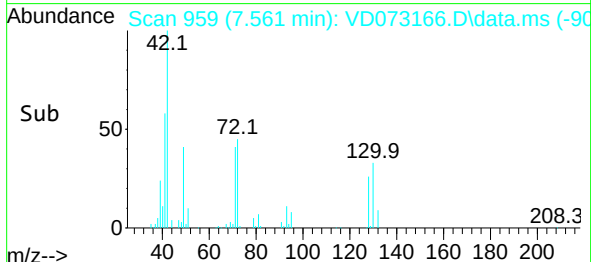
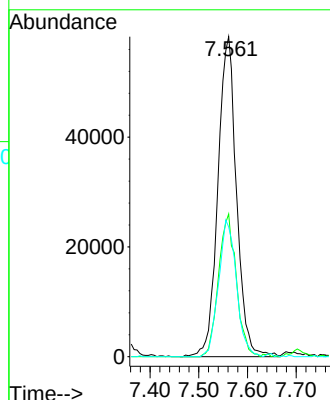
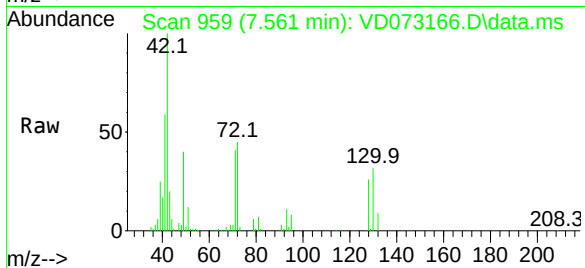
Tgt Ion: 42 Resp: 155359

Ion Ratio Lower Upper

42 100

72 42.4 30.7 46.1

71 40.9 28.6 43.0



#30

Chloroform

Concen: 55.170 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073166.D

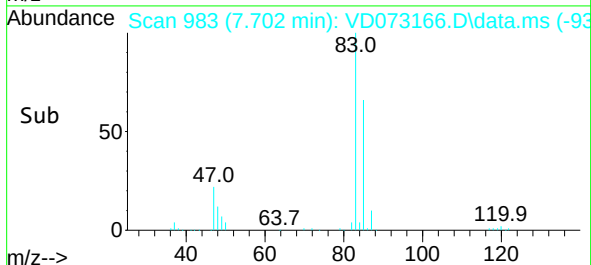
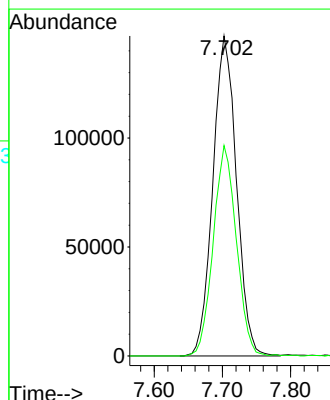
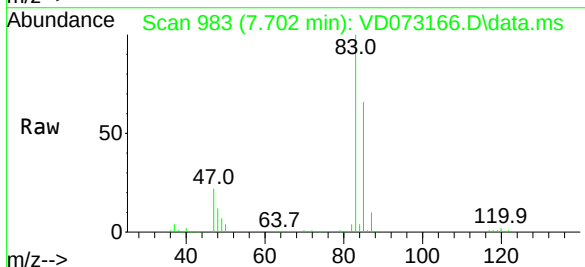
Acq: 20 May 2022 04:53

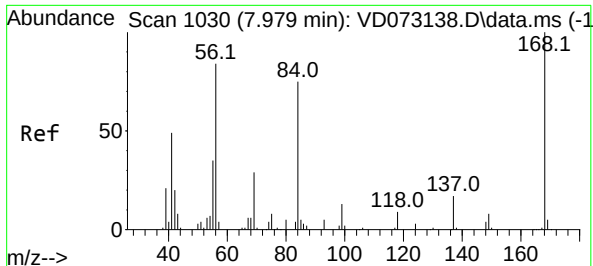
Tgt Ion: 83 Resp: 354413

Ion Ratio Lower Upper

83 100

85 65.8 52.7 79.1





#31

Cyclohexane

Concen: 44.170 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

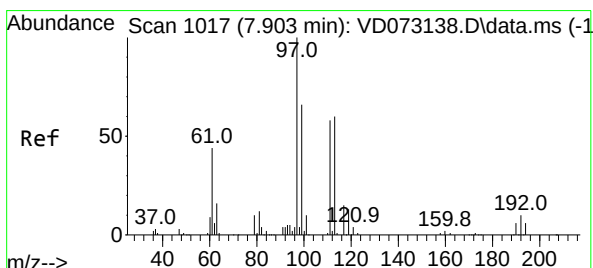
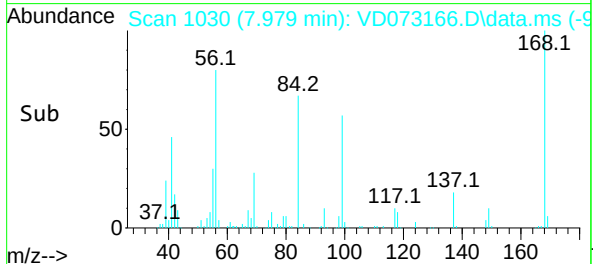
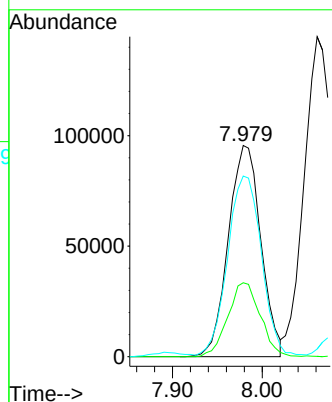
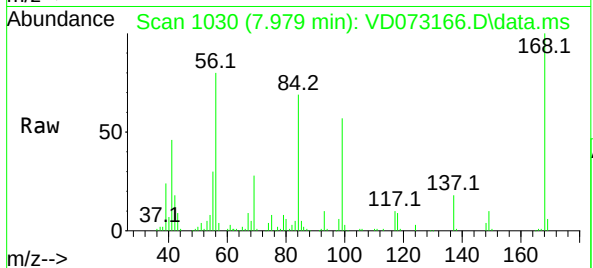
Tgt Ion: 56 Resp: 240474

Ion Ratio Lower Upper

56 100

69 35.0 25.4 38.2

84 84.2 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 50.702 ug/l

RT: 7.896 min Scan# 1016

Delta R.T. -0.007 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

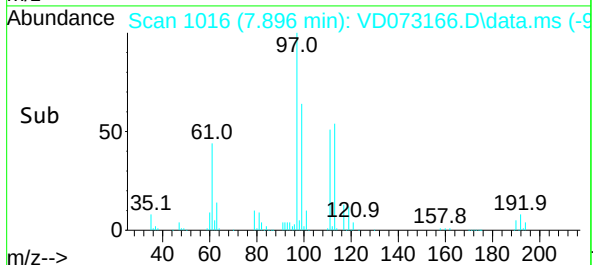
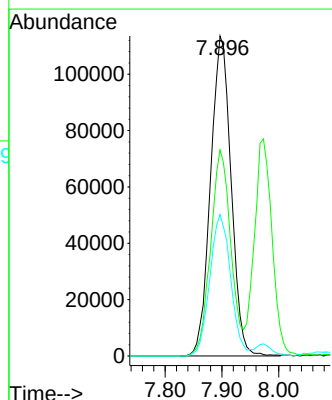
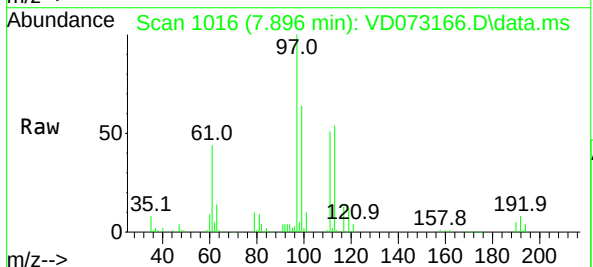
Tgt Ion: 97 Resp: 284870

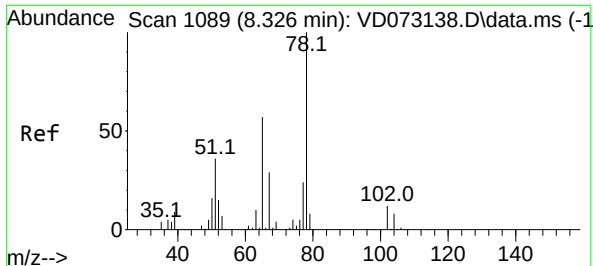
Ion Ratio Lower Upper

97 100

99 63.4 52.4 78.6

61 45.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 57.947 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

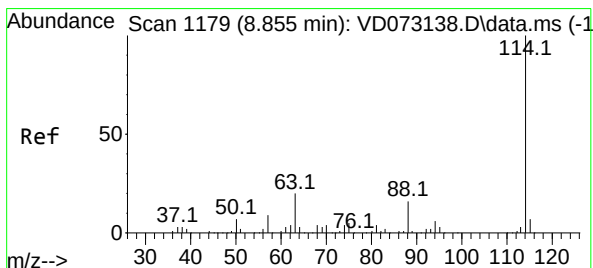
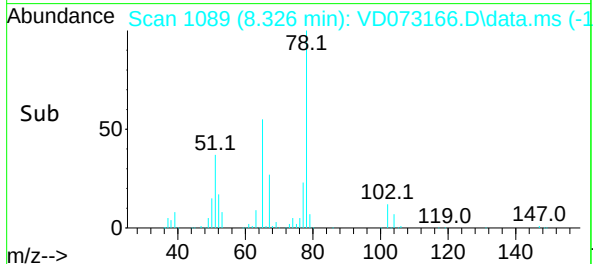
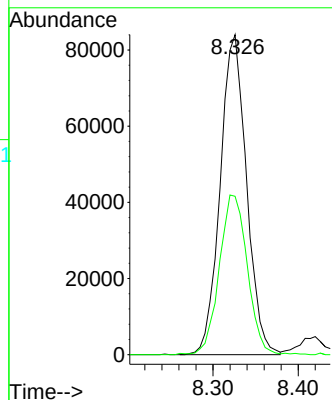
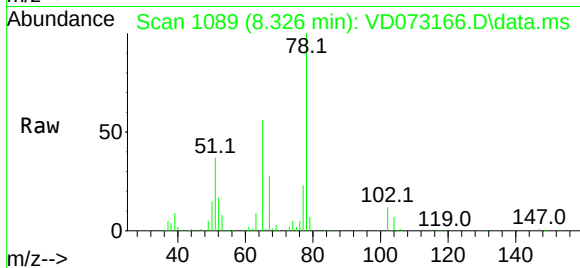
VSTDCCC050

Tgt Ion: 65 Resp: 180529

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

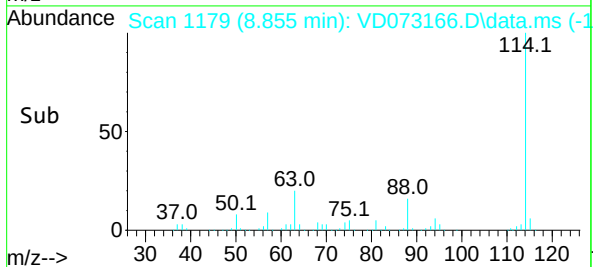
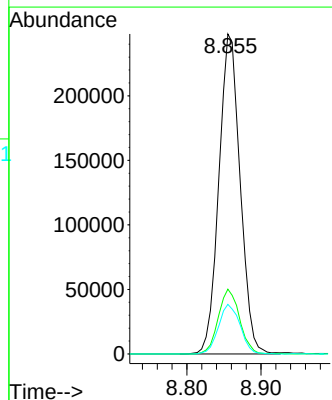
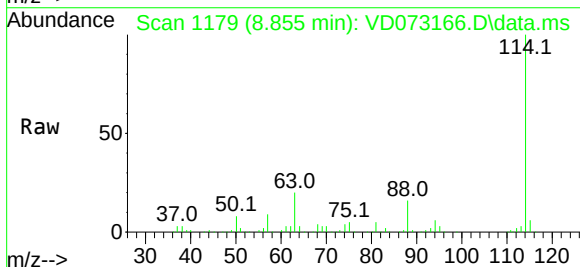
Tgt Ion: 114 Resp: 493964

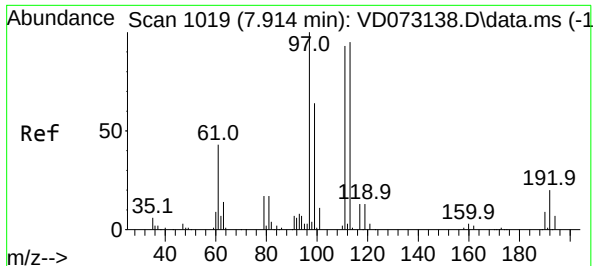
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.223 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

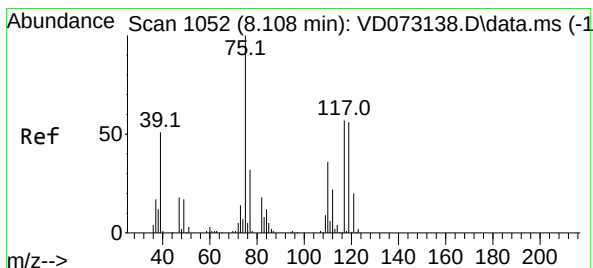
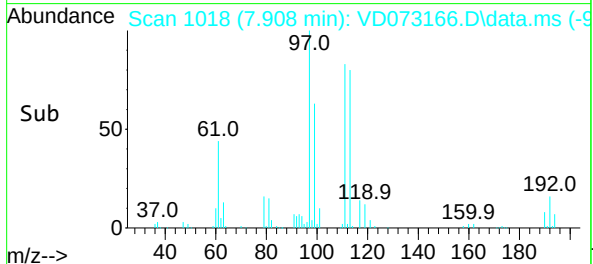
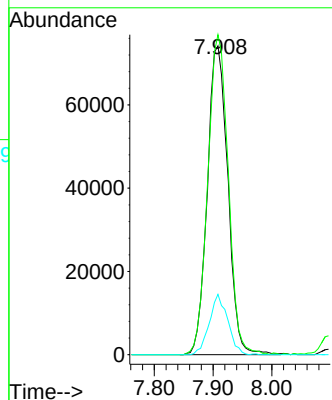
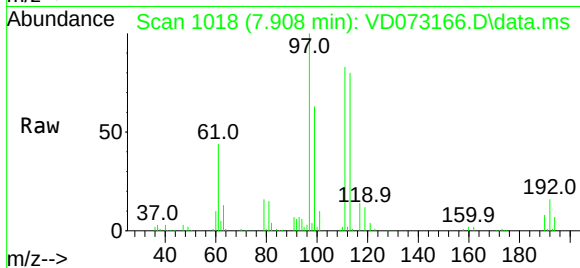
Tgt Ion:113 Resp: 179999

Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.809 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

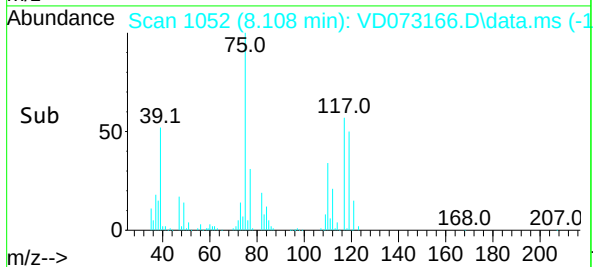
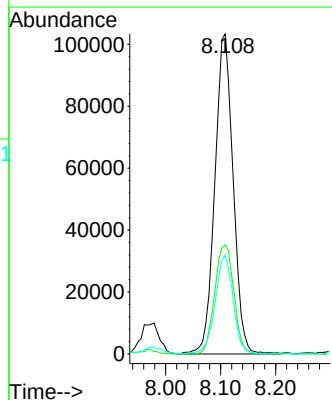
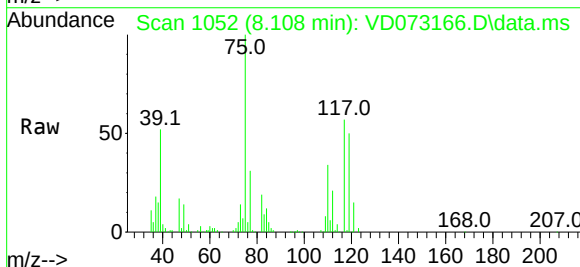
Tgt Ion: 75 Resp: 239274

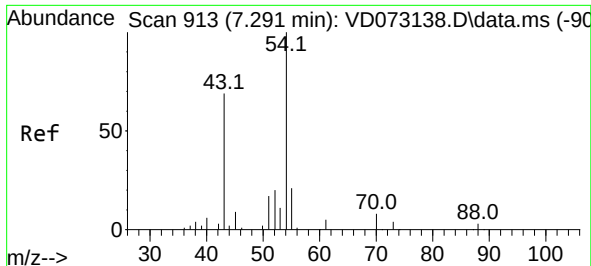
Ion Ratio Lower Upper

75 100

110 35.6 16.4 49.1

77 30.3 24.2 36.2





#37

Ethyl Acetate

Concen: 57.585 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

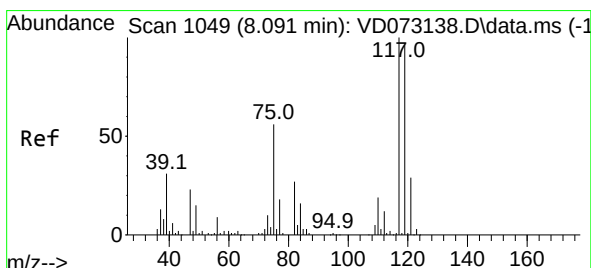
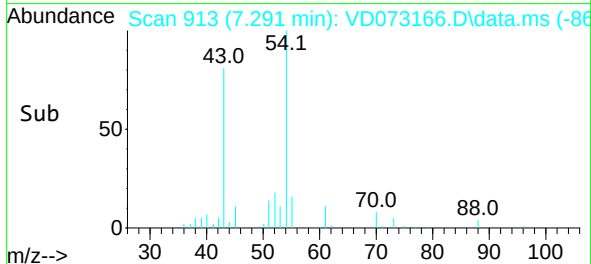
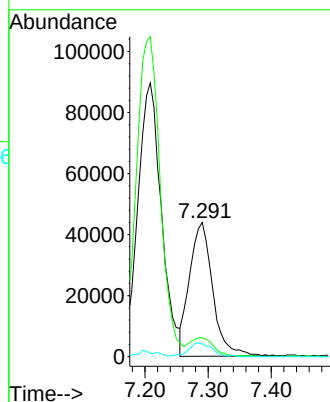
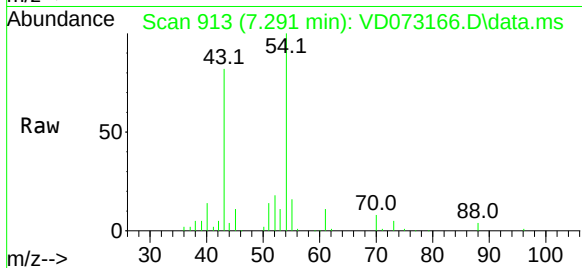
Tgt Ion: 43 Resp: 111504

Ion Ratio Lower Upper

43 100

61 14.6 9.8 14.8

70 10.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 47.552 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

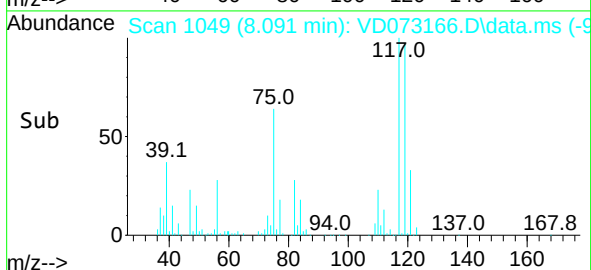
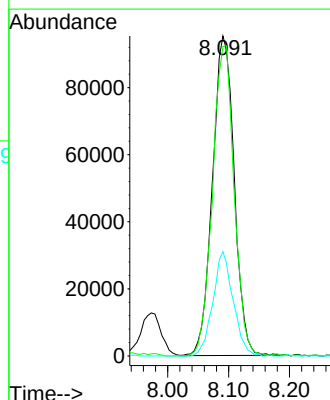
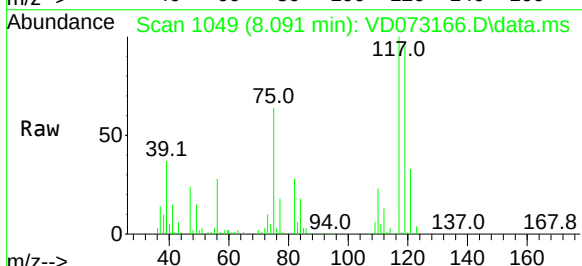
Tgt Ion: 117 Resp: 236301

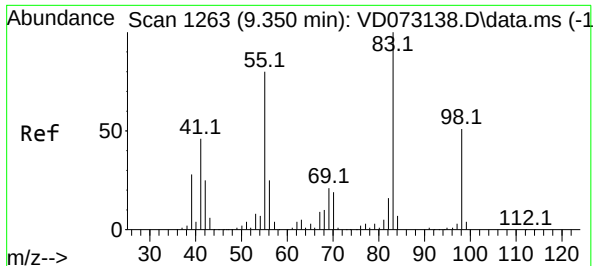
Ion Ratio Lower Upper

117 100

119 96.9 75.8 113.6

121 32.7 24.5 36.7





#39

Methylcyclohexane

Concen: 45.494 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

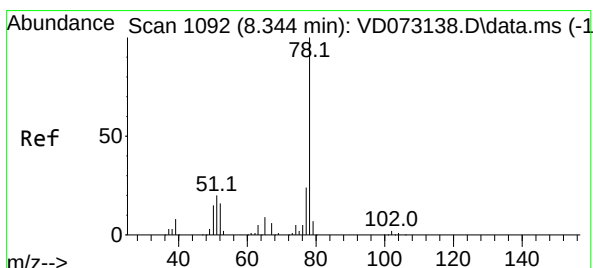
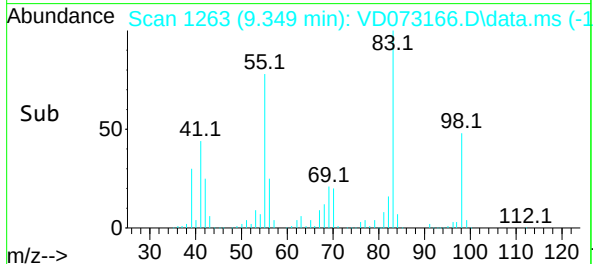
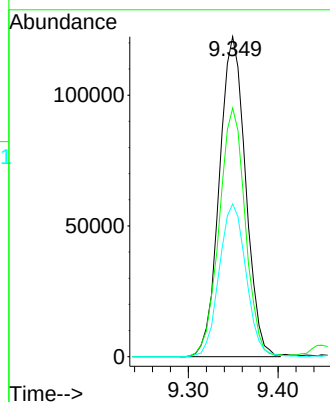
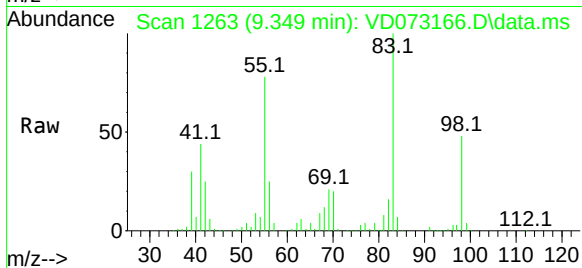
Tgt Ion: 83 Resp: 248547

Ion Ratio Lower Upper

83 100

55 77.7 63.2 94.8

98 47.7 38.2 57.4



#40

Benzene

Concen: 52.818 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073166.D

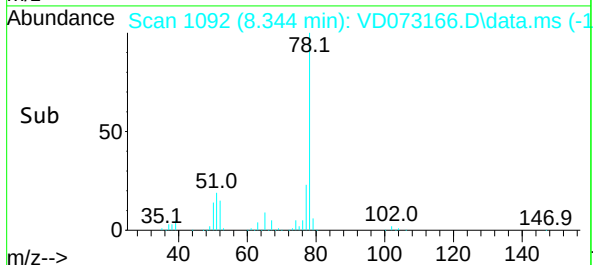
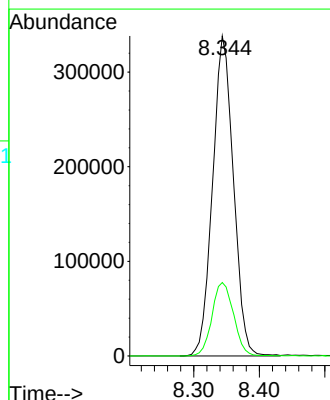
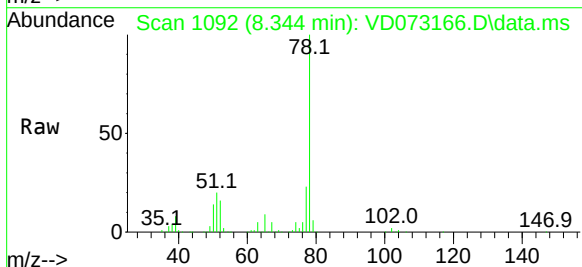
Acq: 20 May 2022 04:53

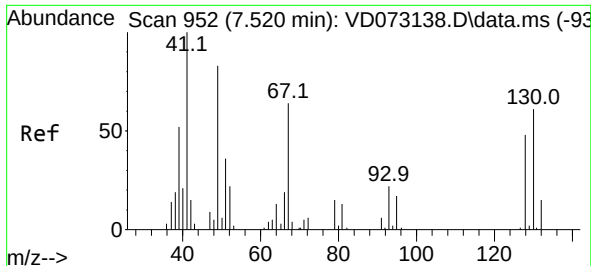
Tgt Ion: 78 Resp: 746230

Ion Ratio Lower Upper

78 100

77 23.0 19.1 28.7

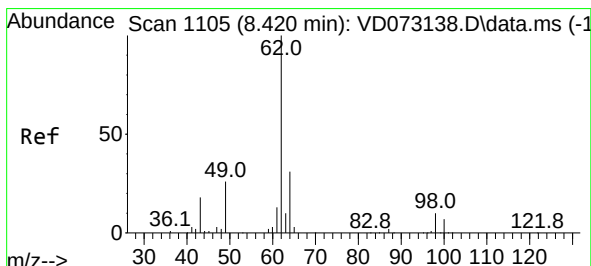
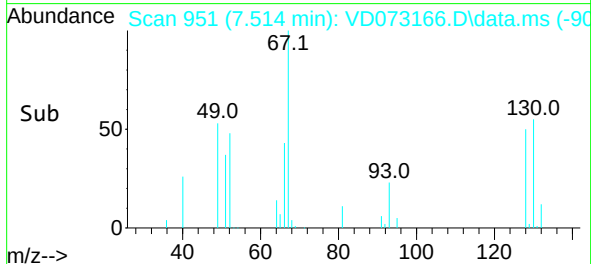
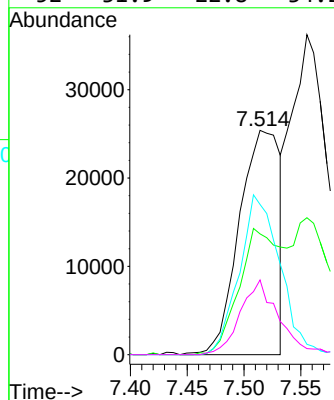
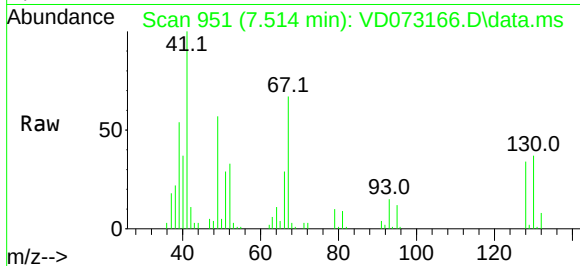




#41
Methacrylonitrile
Concen: 55.789 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

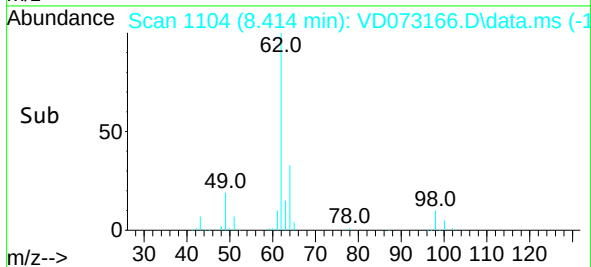
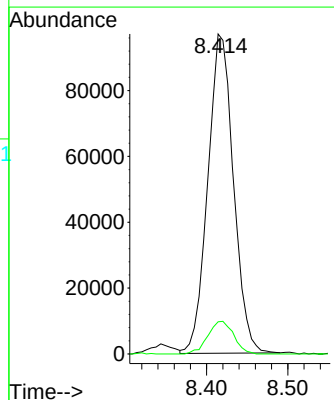
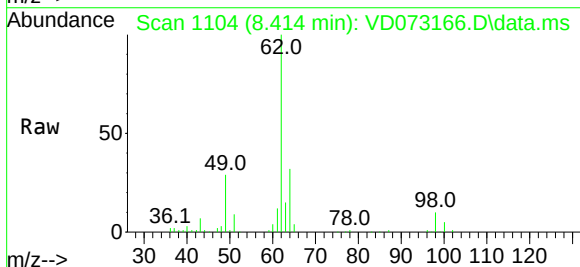
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

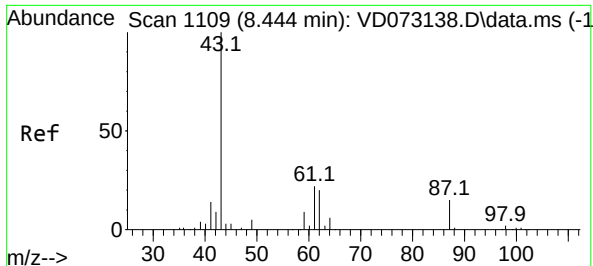
Tgt Ion: 41 Resp: 62940
Ion Ratio Lower Upper
41 100
39 60.9 44.6 67.0
67 72.2 48.2 72.4
52 31.9 22.8 34.2



#42
1,2-Dichloroethane
Concen: 54.190 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 62 Resp: 213032
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6





#43

Isopropyl Acetate

Concen: 57.088 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

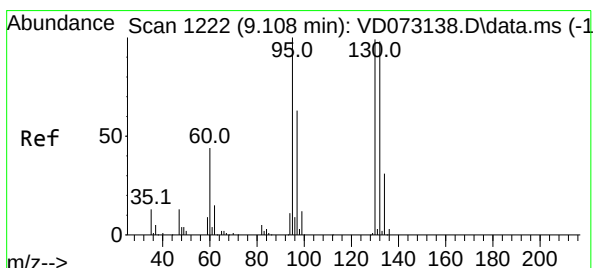
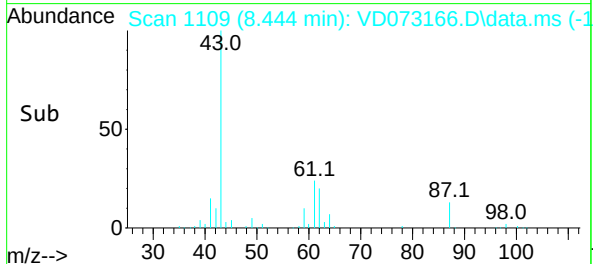
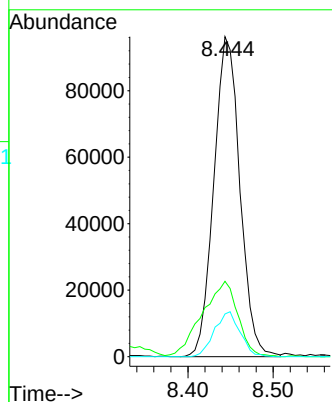
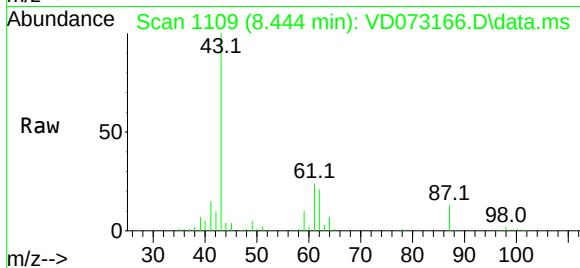
Tgt Ion: 43 Resp: 204322

Ion Ratio Lower Upper

43 100

61 32.3 22.4 33.6

87 13.9 8.7 13.1#



#44

Trichloroethene

Concen: 49.833 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073166.D

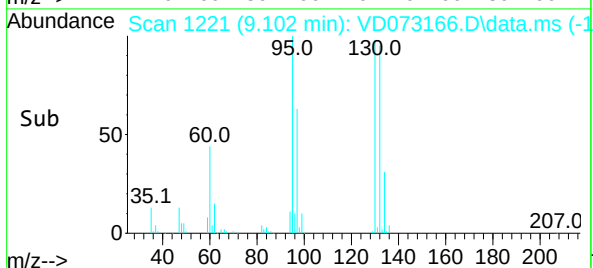
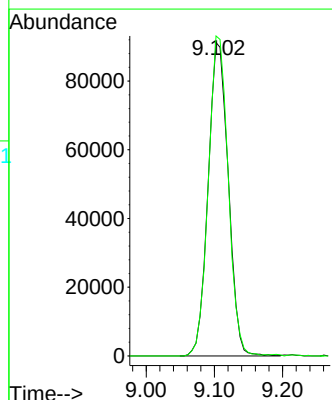
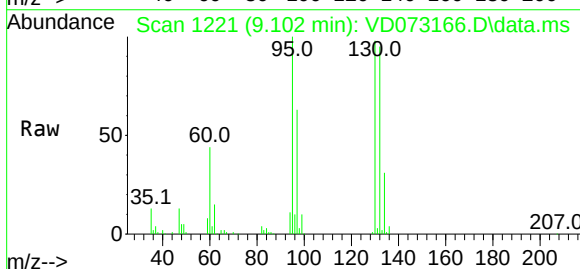
Acq: 20 May 2022 04:53

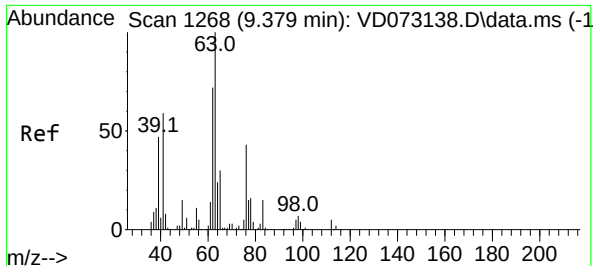
Tgt Ion:130 Resp: 187749

Ion Ratio Lower Upper

130 100

95 102.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.496 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

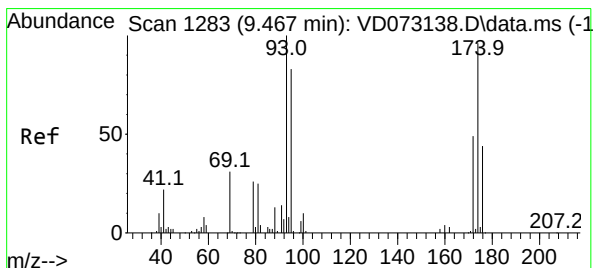
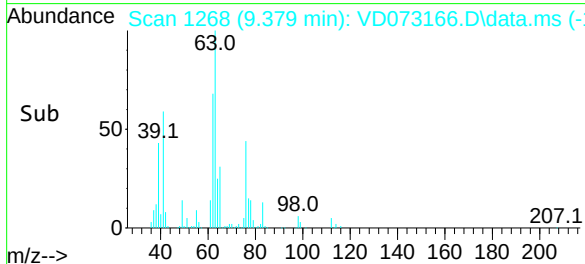
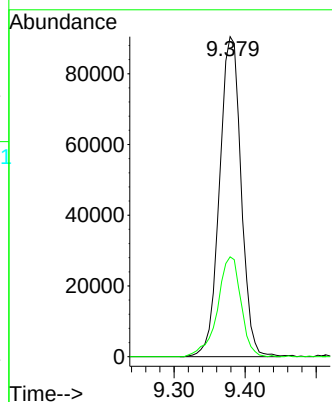
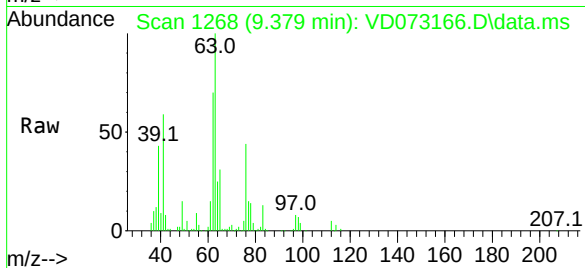
VSTDCCC050

Tgt Ion: 63 Resp: 190343

Ion Ratio Lower Upper

63 100

65 31.2 26.2 39.4



#46

Dibromomethane

Concen: 54.939 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

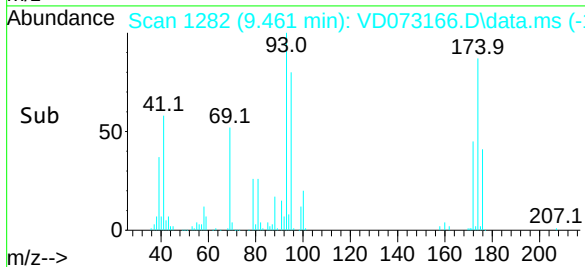
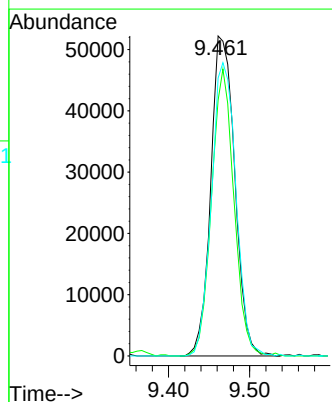
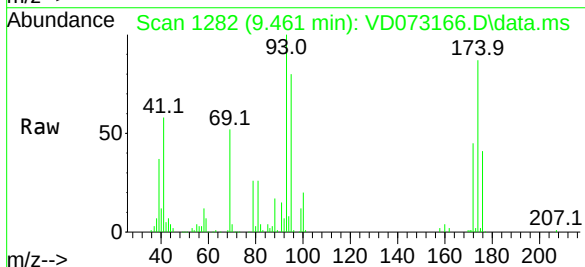
Tgt Ion: 93 Resp: 107359

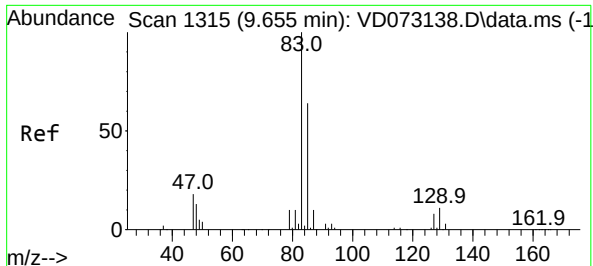
Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 93.4 71.6 107.4





#47

Bromodichloromethane

Concen: 53.278 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

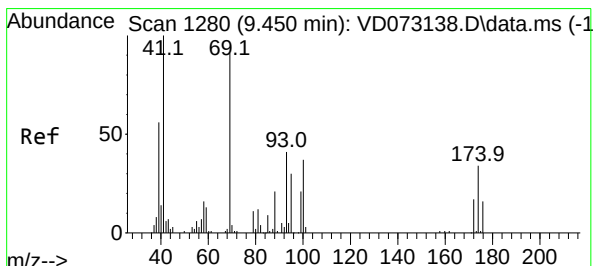
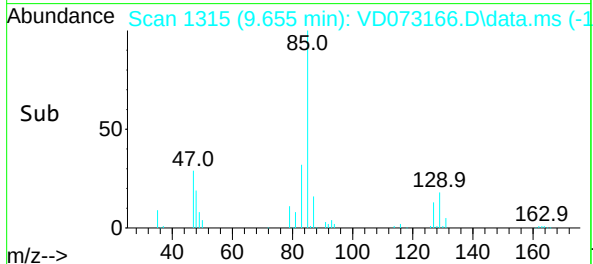
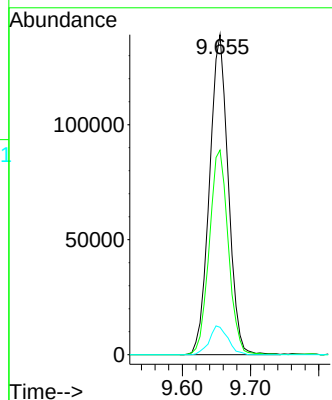
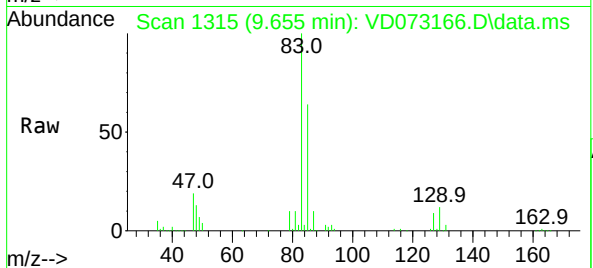
Tgt Ion: 83 Resp: 266392

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

127 8.6 6.1 9.1



#48

Methyl methacrylate

Concen: 59.337 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

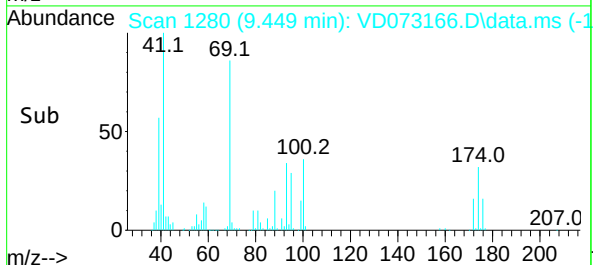
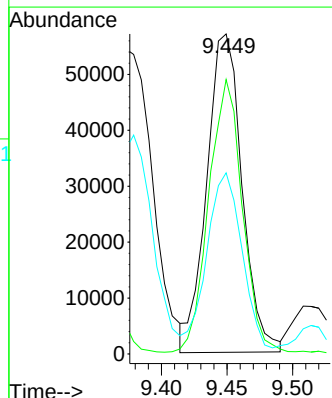
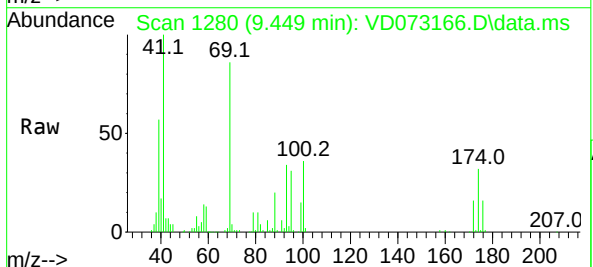
Tgt Ion: 41 Resp: 106847

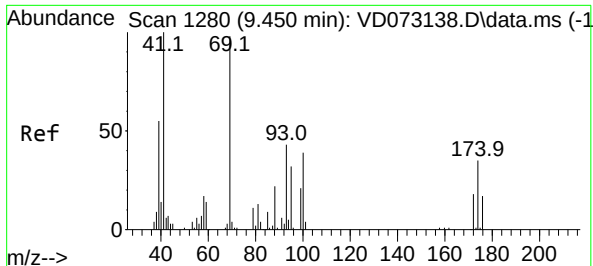
Ion Ratio Lower Upper

41 100

69 81.4 56.7 85.1

39 57.4 42.7 64.1





#49

1,4-Dioxane

Concen: 1163.401 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

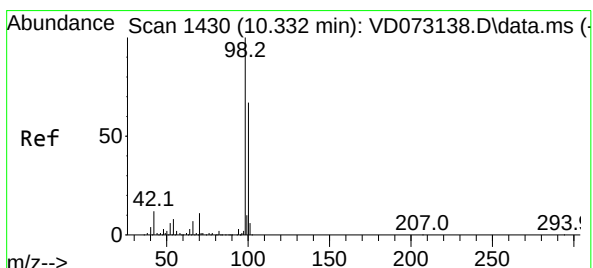
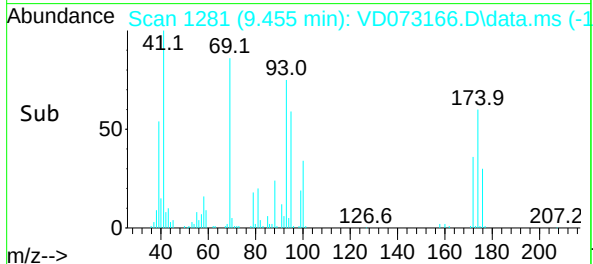
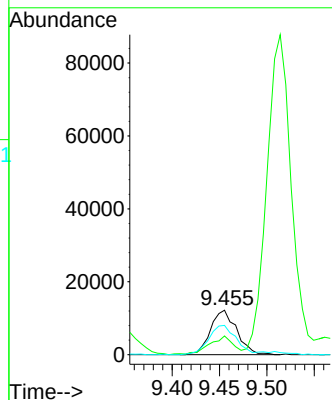
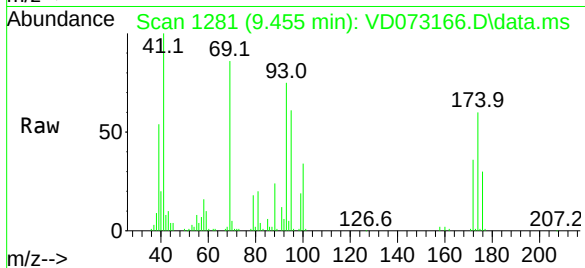
Tgt Ion: 88 Resp: 23478

Ion Ratio Lower Upper

88 100

43 38.8 31.0 46.4

58 69.5 58.1 87.1



#50

Toluene-d8

Concen: 54.967 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073166.D

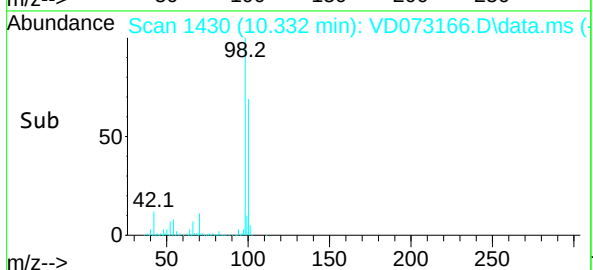
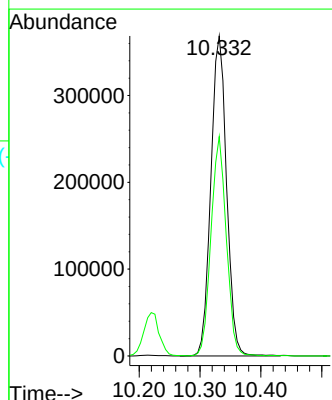
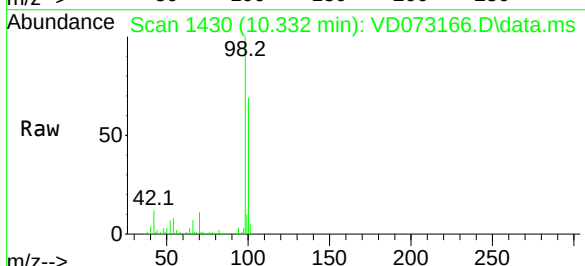
Acq: 20 May 2022 04:53

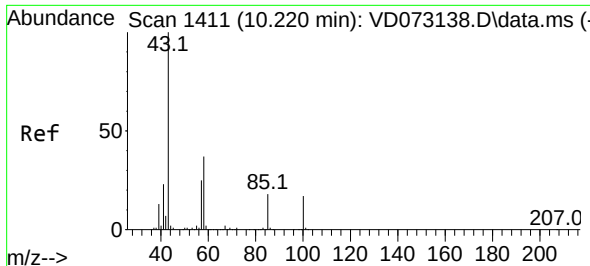
Tgt Ion: 98 Resp: 660444

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

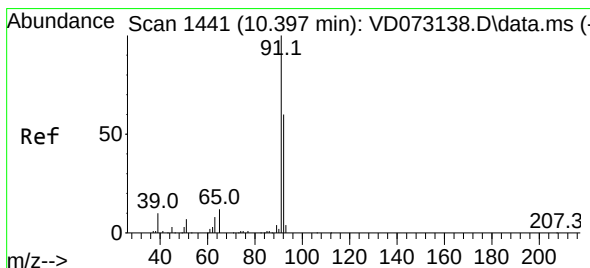
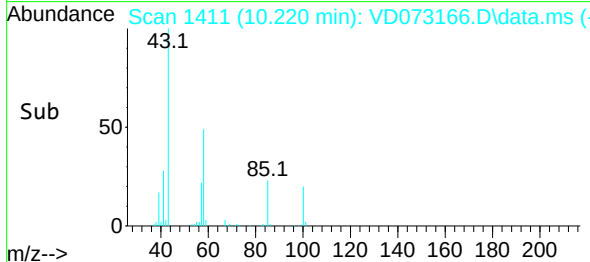
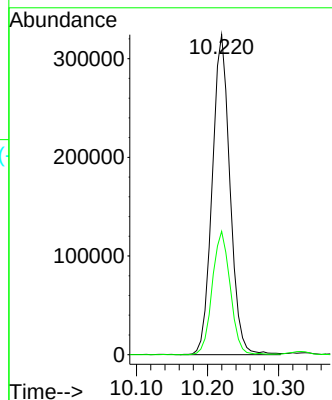
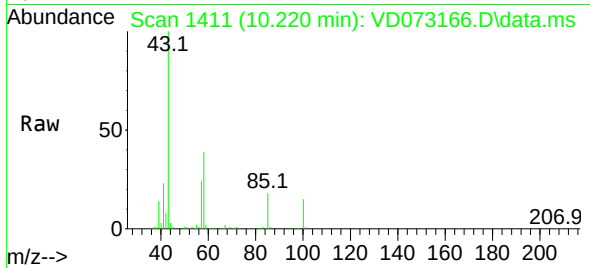




#51
4-Methyl-2-Pentanone
Concen: 303.266 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

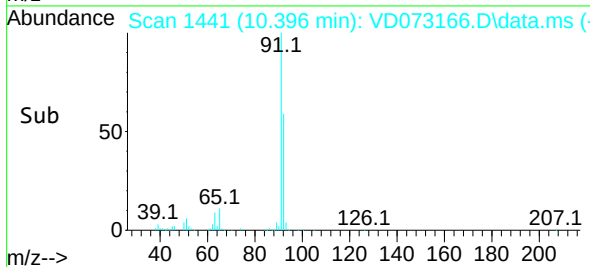
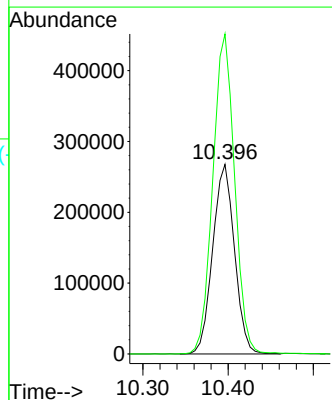
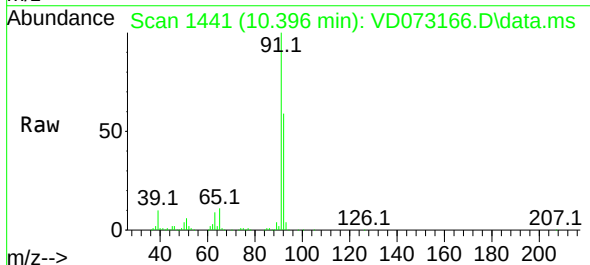
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

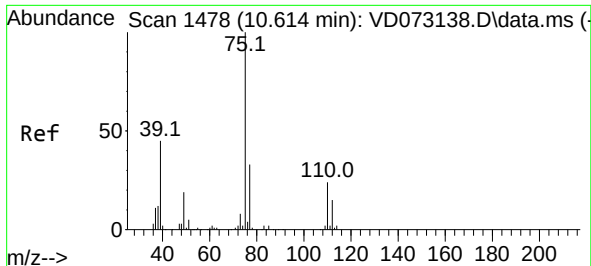
Tgt Ion: 43 Resp: 563744
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0



#52
Toluene
Concen: 53.225 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 92 Resp: 475188
Ion Ratio Lower Upper
92 100
91 169.4 139.6 209.4

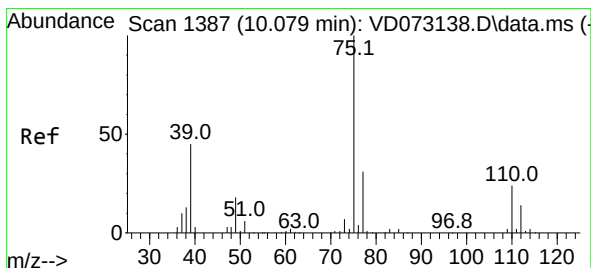
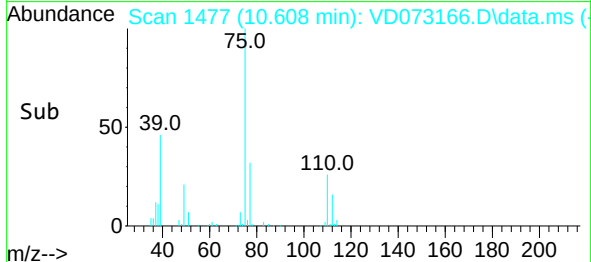
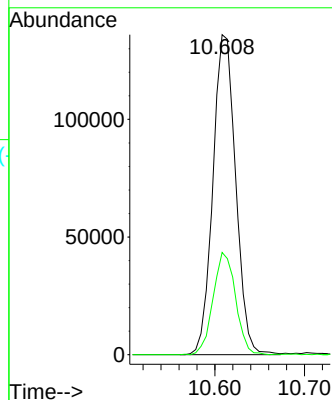
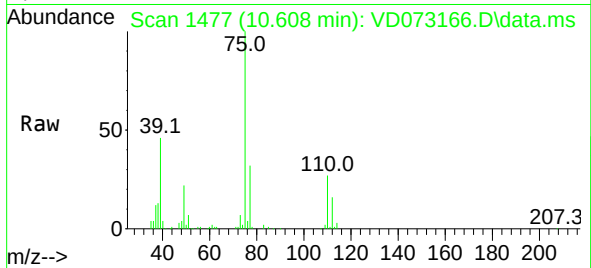




#53
t-1,3-Dichloropropene
Concen: 53.082 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

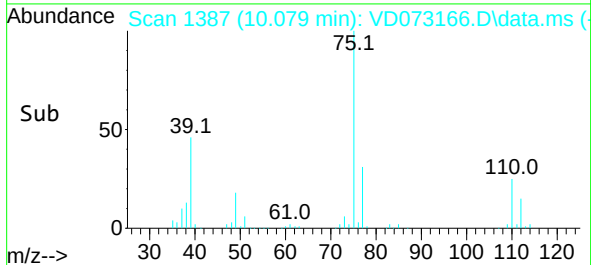
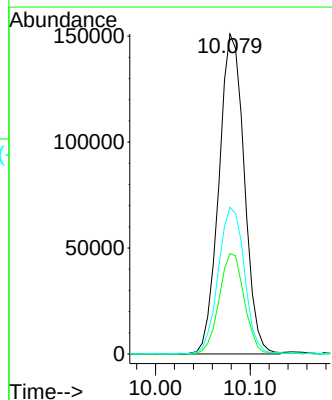
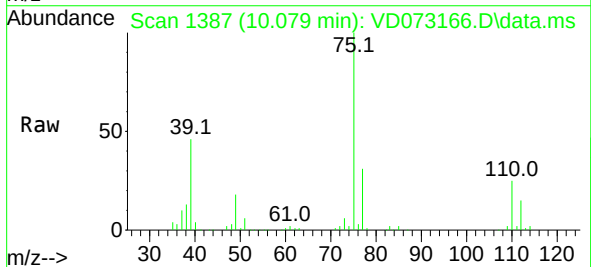
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

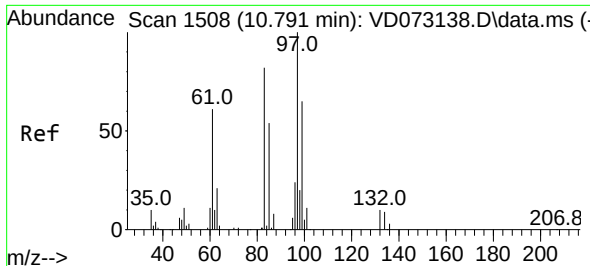
Tgt Ion: 75 Resp: 239779
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.993 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 75 Resp: 281056
Ion Ratio Lower Upper
75 100
77 31.4 24.8 37.2
39 45.6 46.8 70.2#

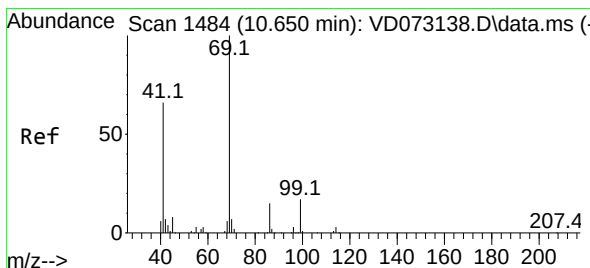
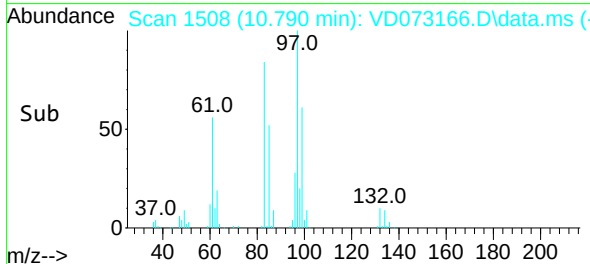
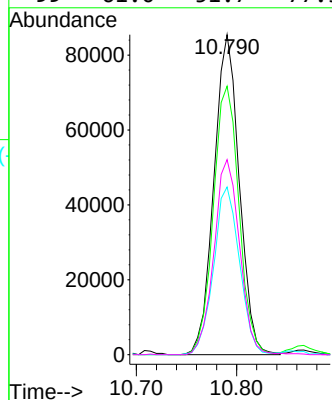
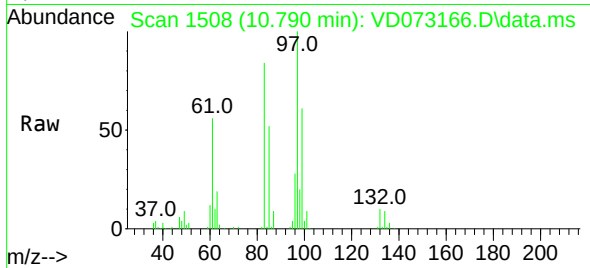




#55
1,1,2-Trichloroethane
Concen: 56.629 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

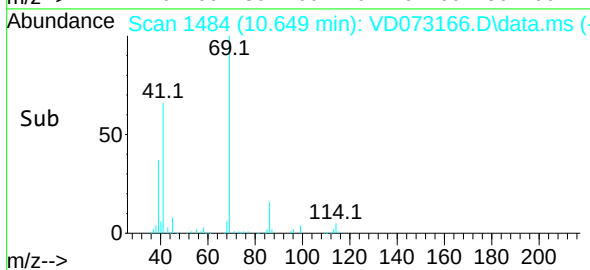
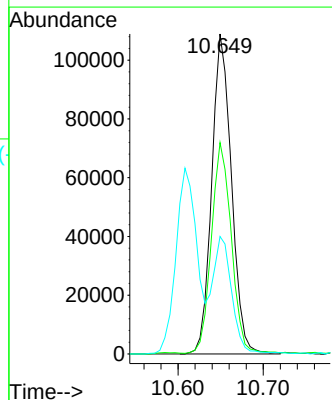
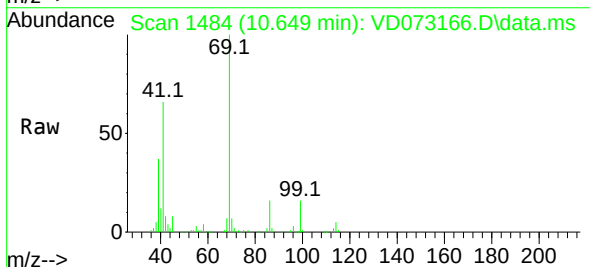
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

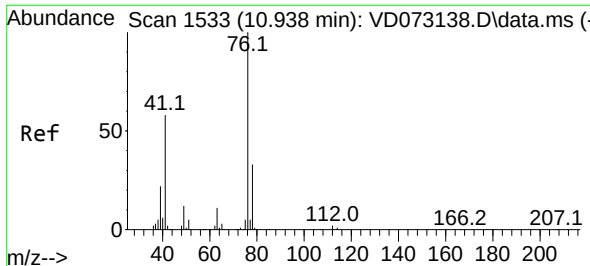
Tgt Ion:	97	Resp:	149643
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.0	103.4
85	52.4	42.6	63.8
99	61.0	51.7	77.5



#56
Ethyl methacrylate
Concen: 59.590 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion:	69	Resp:	175079
Ion	Ratio	Lower	Upper
69	100		
41	66.5	63.0	94.6
39	35.7	33.8	50.8





#57

1,3-Dichloropropane

Concen: 56.641 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.001 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

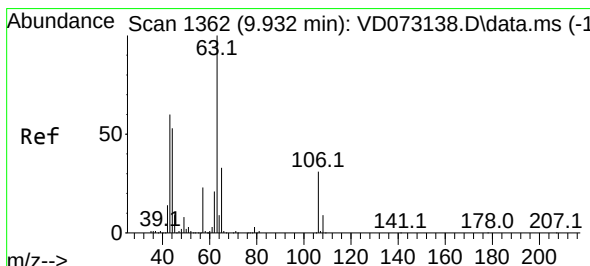
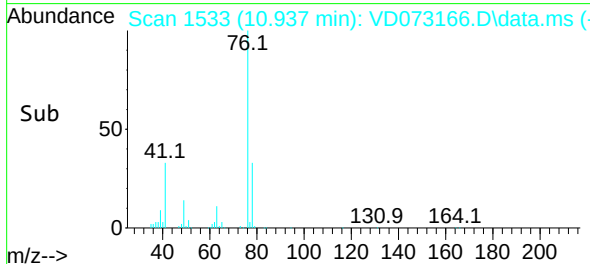
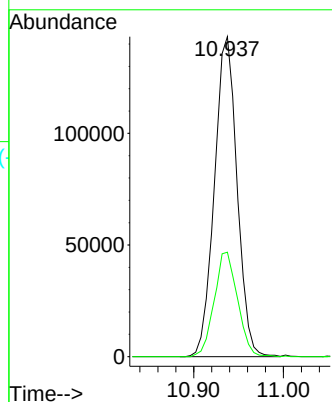
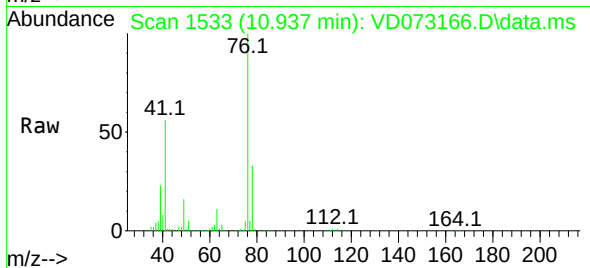
VSTDCCC050

Tgt Ion: 76 Resp: 251139

Ion Ratio Lower Upper

76 100

78 33.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 269.631 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073166.D

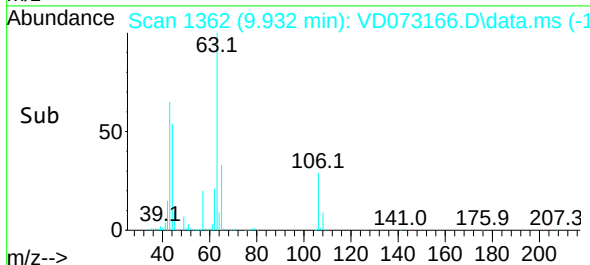
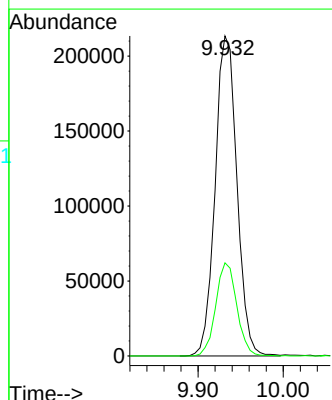
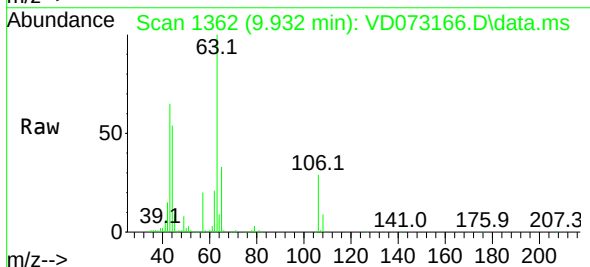
Acq: 20 May 2022 04:53

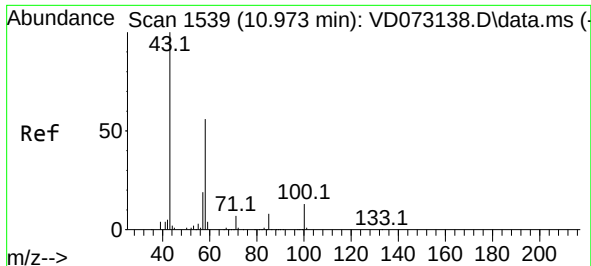
Tgt Ion: 63 Resp: 378968

Ion Ratio Lower Upper

63 100

106 28.1 21.4 32.0

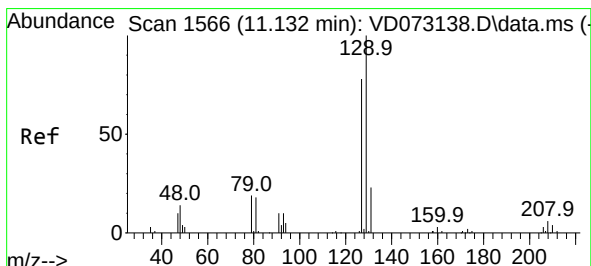
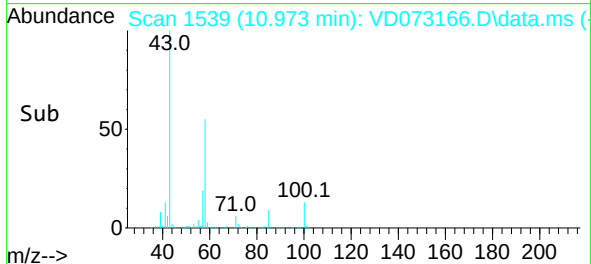
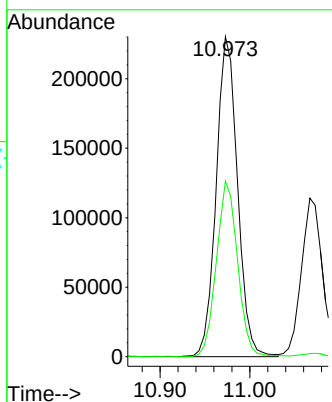
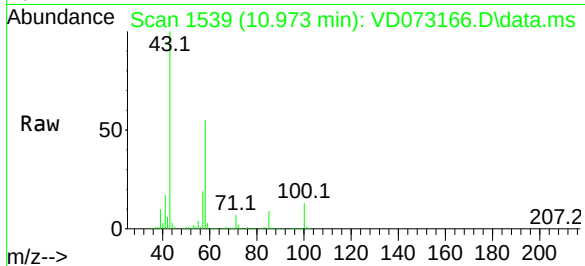




#59
2-Hexanone
Concen: 310.208 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

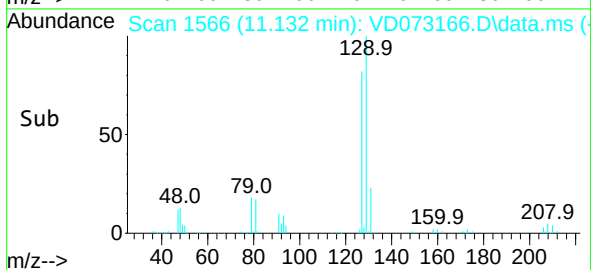
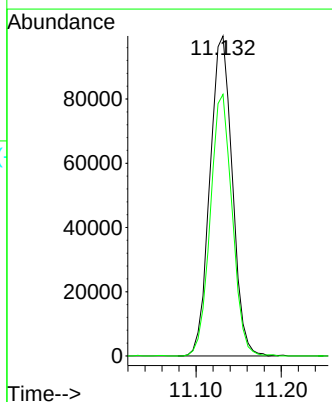
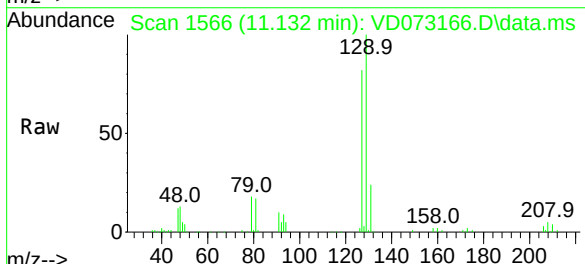
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

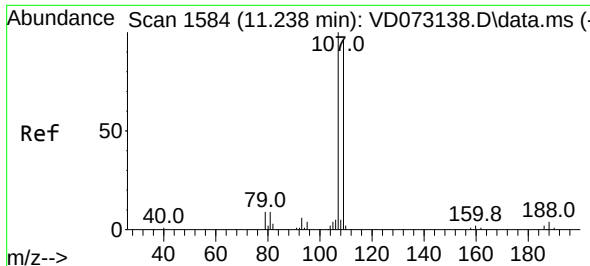
Tgt Ion: 43 Resp: 380176
Ion Ratio Lower Upper
43 100
58 54.6 25.3 75.9



#60
Dibromochloromethane
Concen: 55.360 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 129 Resp: 182411
Ion Ratio Lower Upper
129 100
127 79.7 39.2 117.6

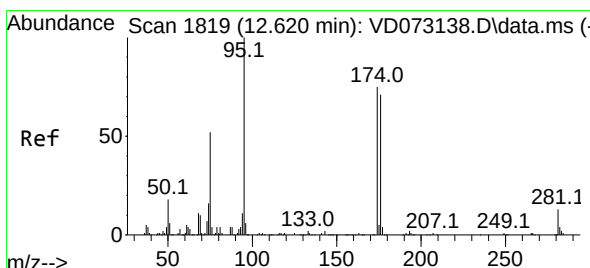
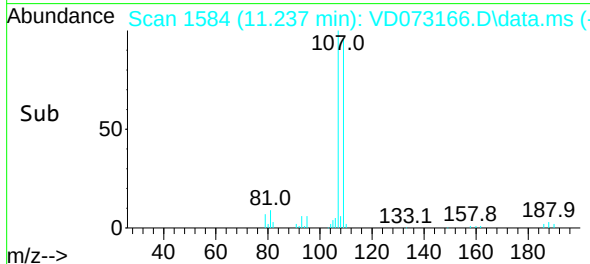
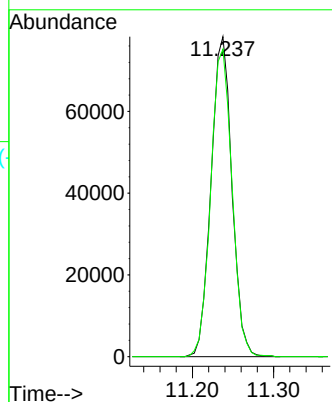
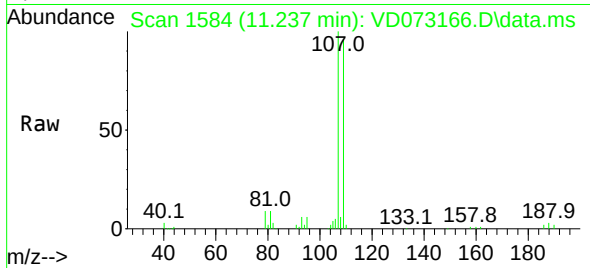




#61
1,2-Dibromoethane
Concen: 55.206 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

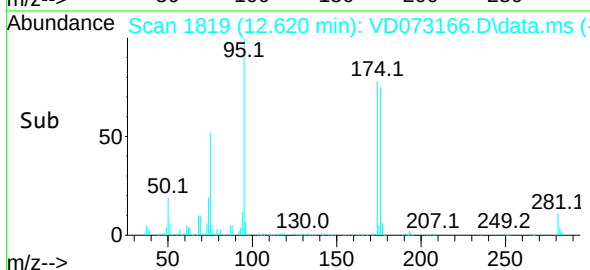
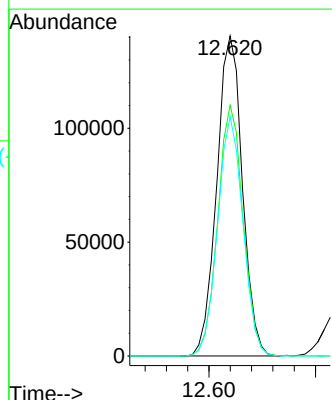
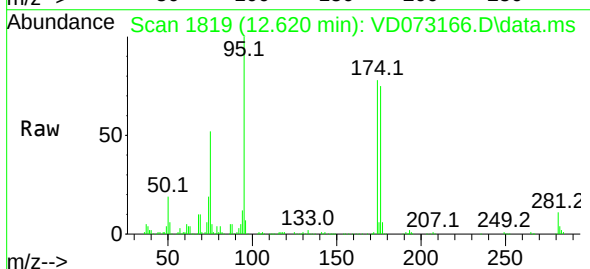
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

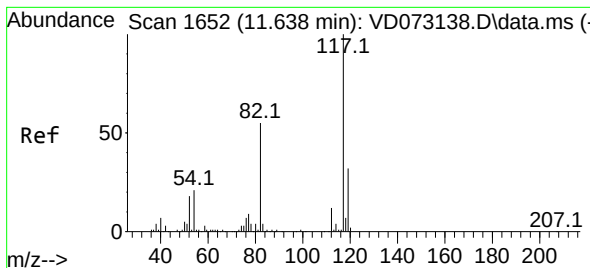
Tgt Ion:107 Resp: 139402
Ion Ratio Lower Upper
107 100
109 98.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.588 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 95 Resp: 234397
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.0 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

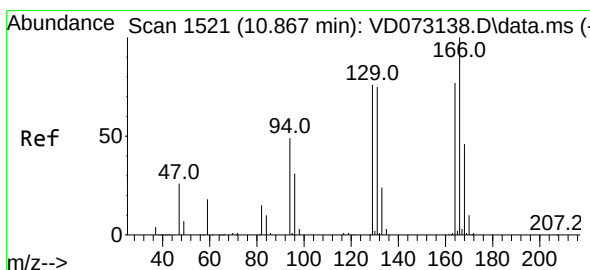
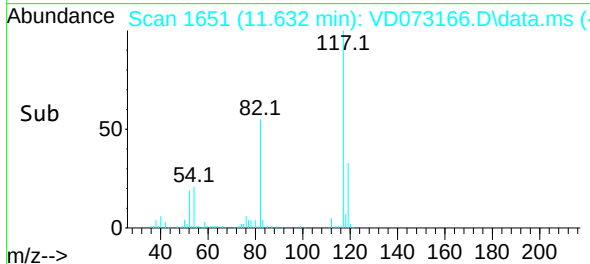
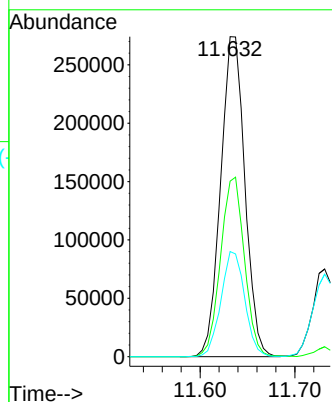
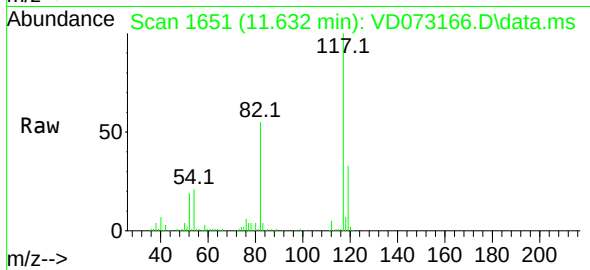
Tgt Ion:117 Resp: 487778

Ion Ratio Lower Upper

117 100

82 54.9 45.3 67.9

119 32.9 26.6 40.0



#64

Tetrachloroethene

Concen: 46.154 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Tgt Ion:164 Resp: 147454

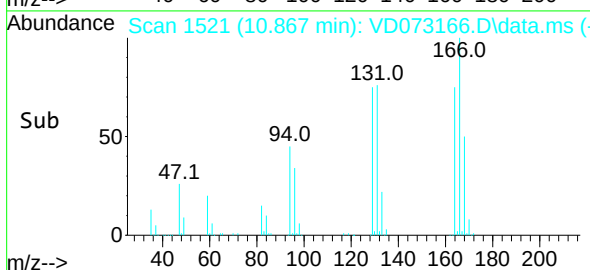
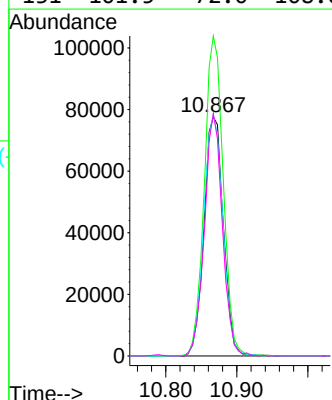
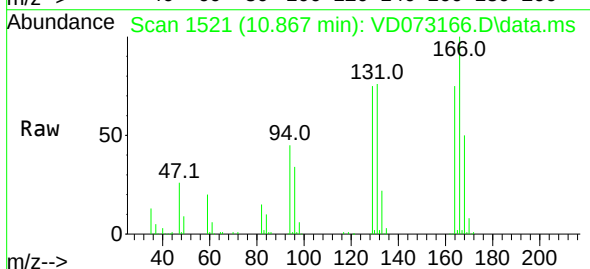
Ion Ratio Lower Upper

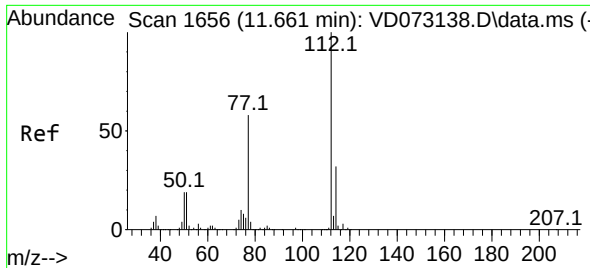
164 100

166 134.0 98.5 147.7

129 101.2 74.6 111.8

131 101.5 72.0 108.0

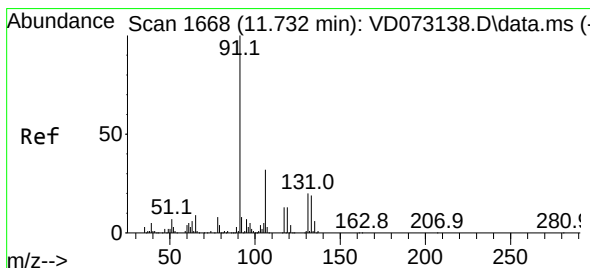
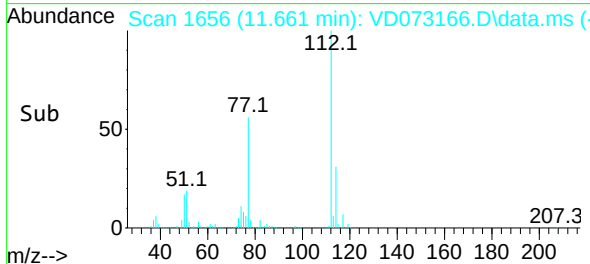
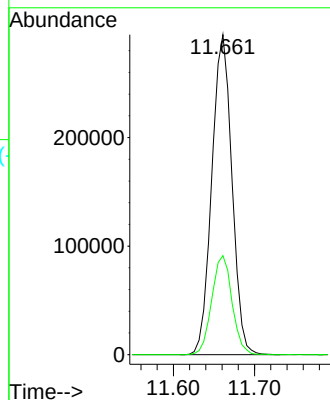
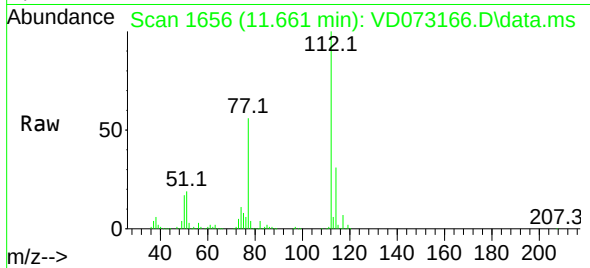




#65
Chlorobenzene
Concen: 50.685 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

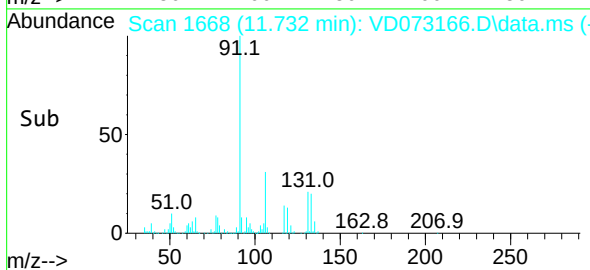
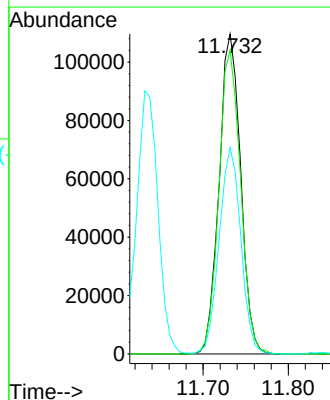
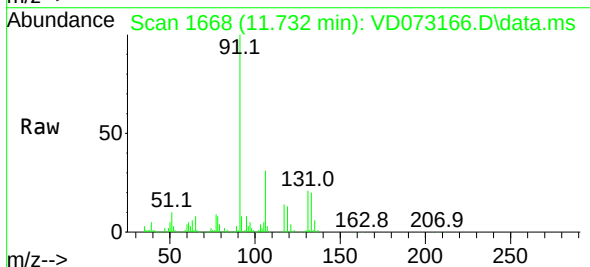
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

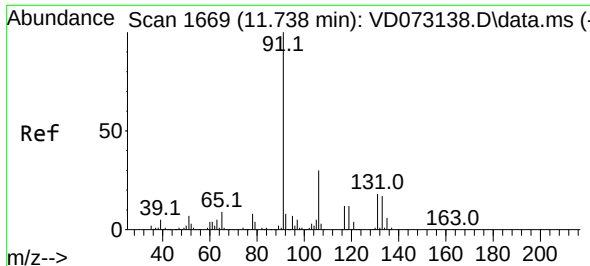
Tgt Ion:112 Resp: 507187
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.933 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion:131 Resp: 192731
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 65.1 31.9 95.9





#67

Ethyl Benzene

Concen: 50.536 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

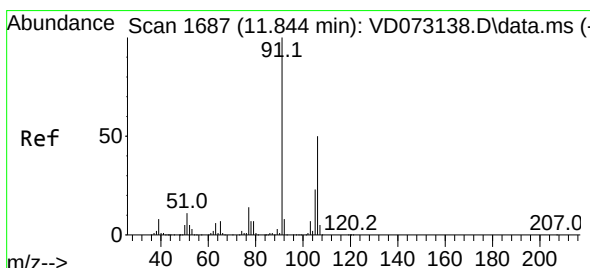
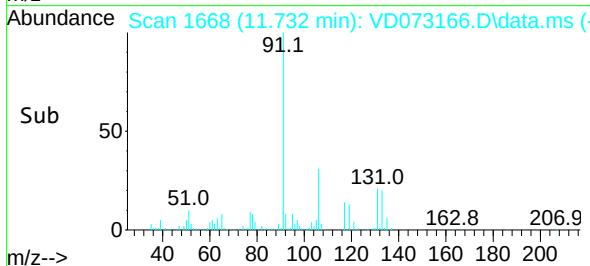
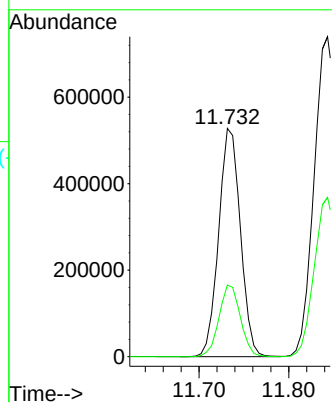
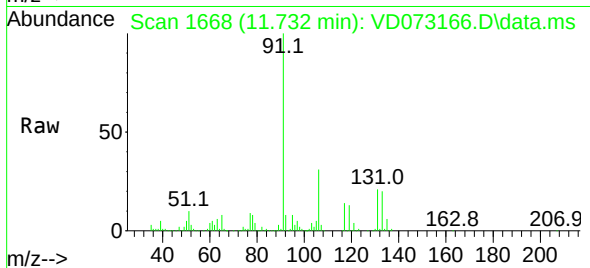
VSTDCCC050

Tgt Ion: 91 Resp: 887725

Ion Ratio Lower Upper

91 100

106 31.4 24.2 36.4



#68

m/p-Xylenes

Concen: 102.152 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD073166.D

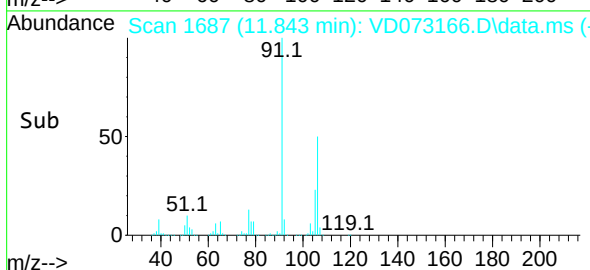
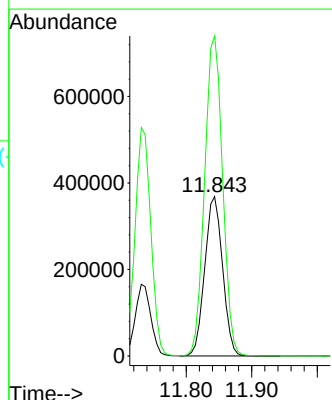
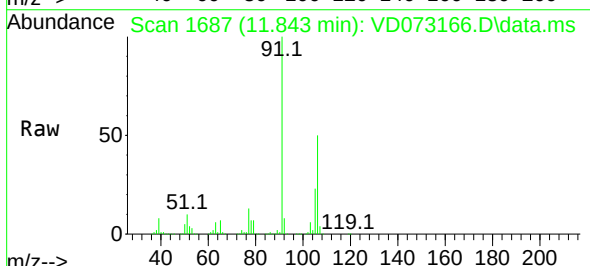
Acq: 20 May 2022 04:53

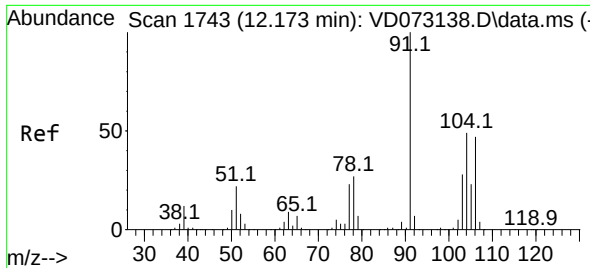
Tgt Ion: 106 Resp: 697161

Ion Ratio Lower Upper

106 100

91 202.1 163.7 245.5

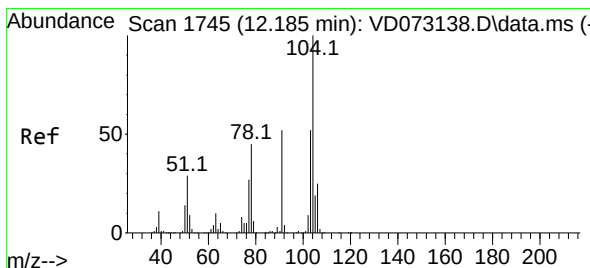
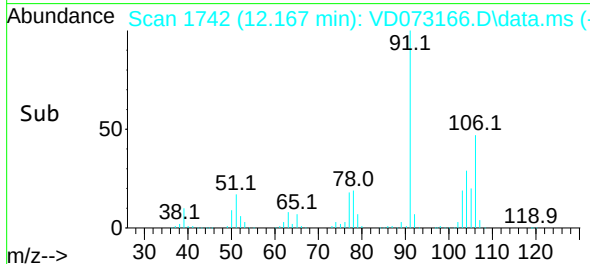
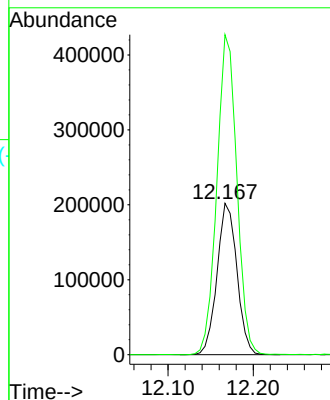
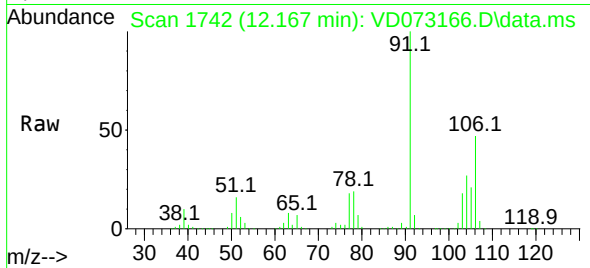




#69
o-Xylene
Concen: 52.152 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

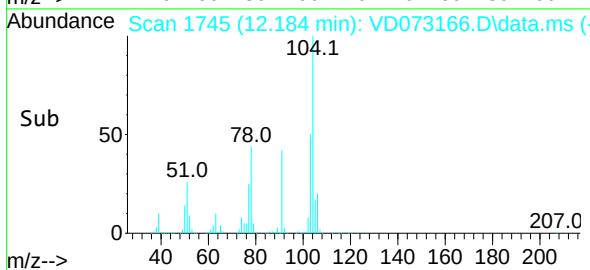
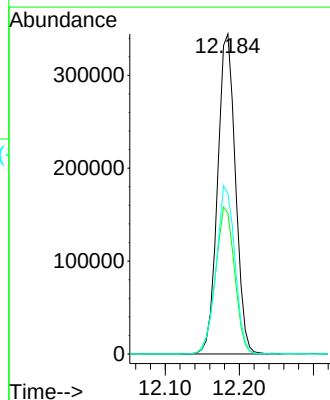
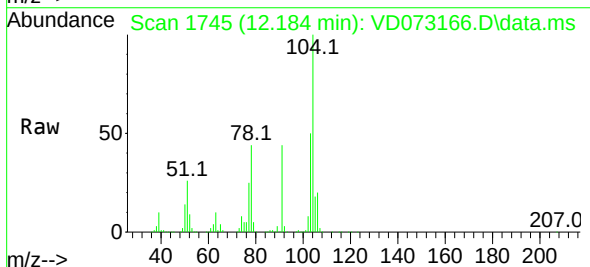
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

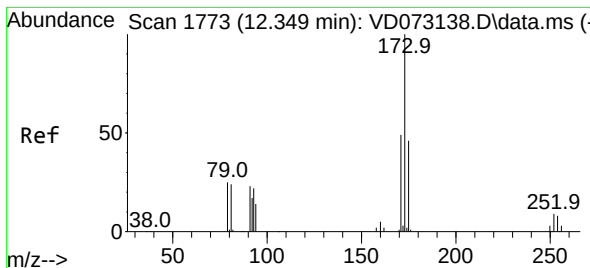
Tgt Ion:106 Resp: 326975
Ion Ratio Lower Upper
106 100
91 212.9 110.4 331.2



#70
Styrene
Concen: 53.482 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion:104 Resp: 576888
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 55.0 44.2 66.4





#71

Bromoform

Concen: 54.853 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

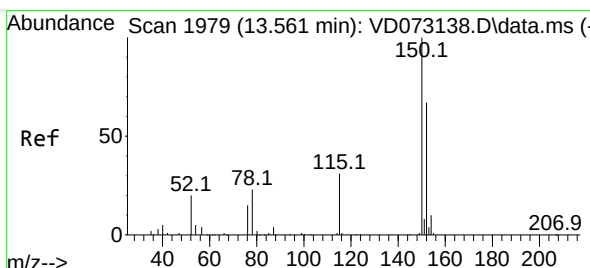
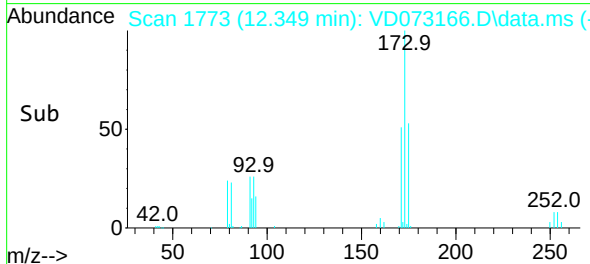
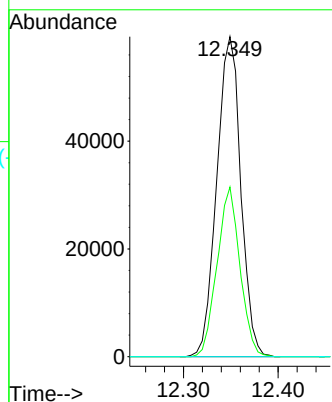
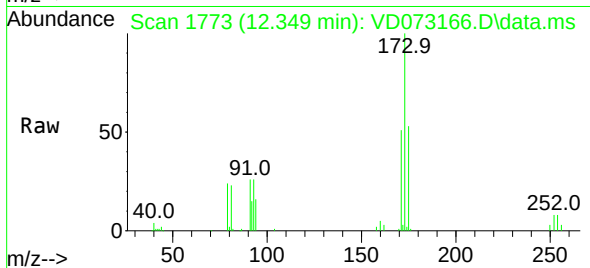
Tgt Ion:173 Resp: 104770

Ion Ratio Lower Upper

173 100

175 50.5 23.9 71.8

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: VD073166.D

Acq: 20 May 2022 04:53

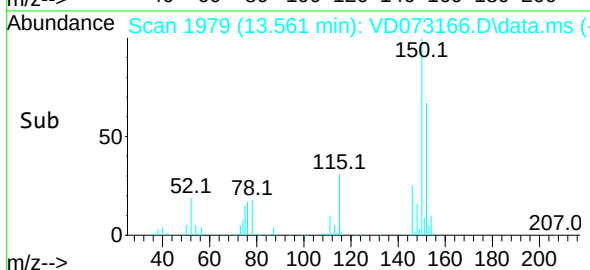
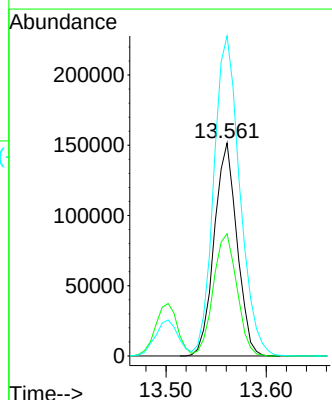
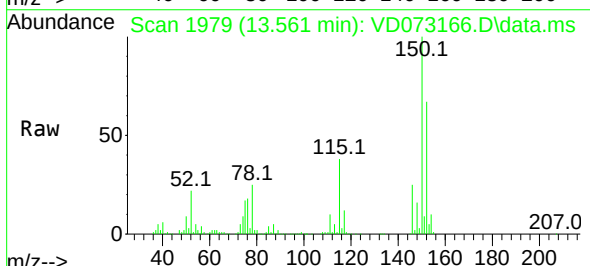
Tgt Ion:152 Resp: 239597

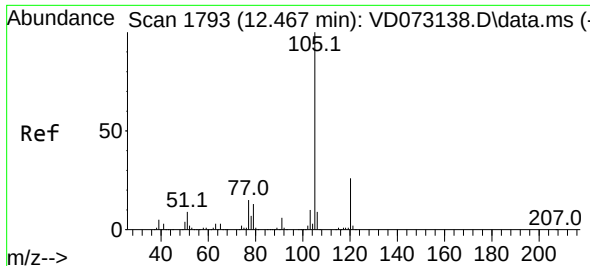
Ion Ratio Lower Upper

152 100

115 59.5 31.3 93.8

150 171.1 0.0 348.6

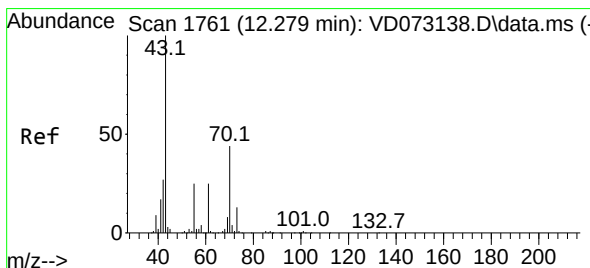
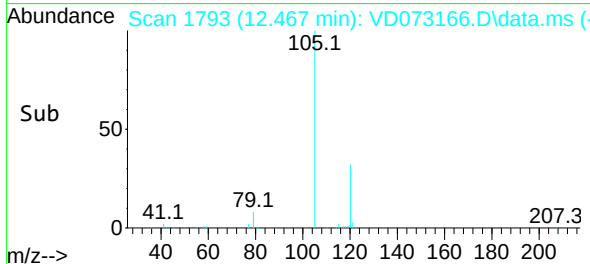
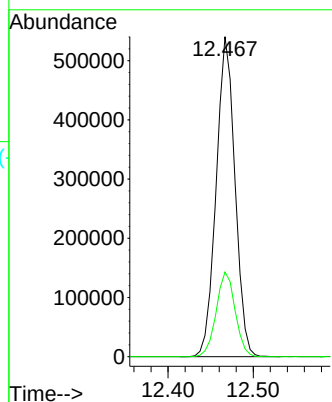
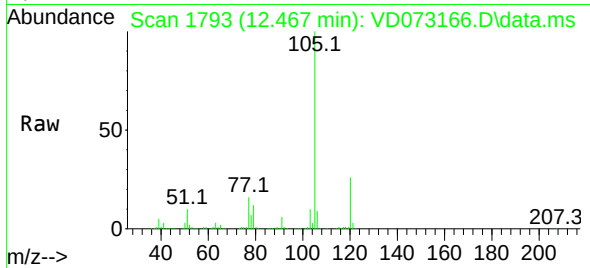




#73
Isopropylbenzene
Concen: 48.425 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

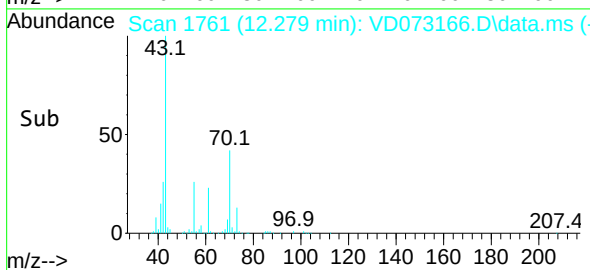
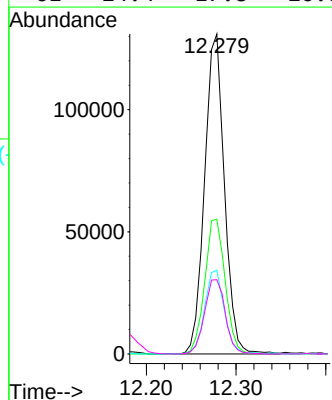
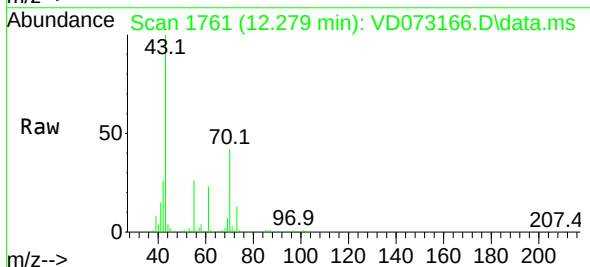
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

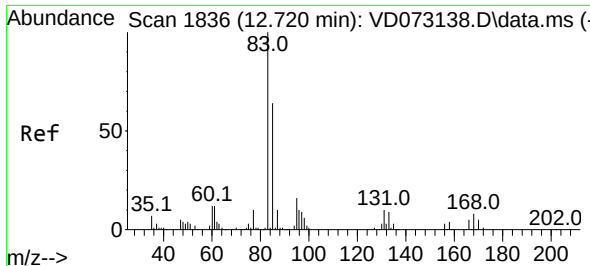
Tgt Ion:105 Resp: 827130
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 53.925 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 43 Resp: 200936
Ion Ratio Lower Upper
43 100
70 43.5 31.3 46.9
55 26.1 20.0 30.0
61 24.4 17.8 26.8

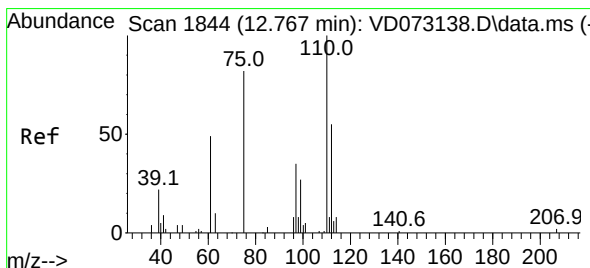
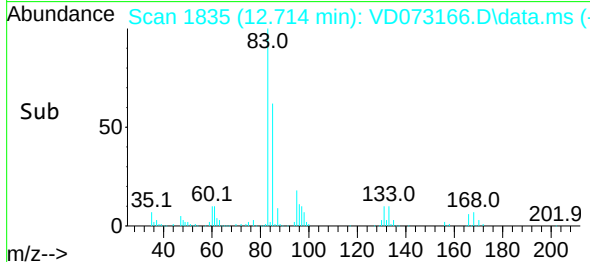
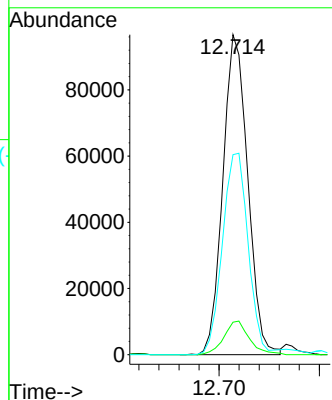
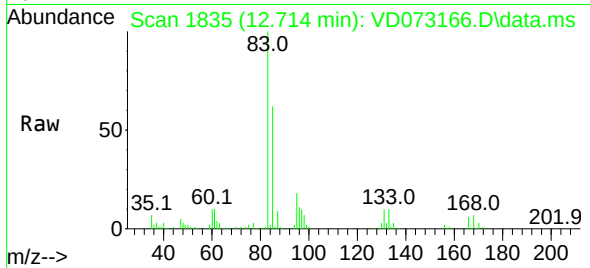




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.900 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073166.D
 Acq: 20 May 2022 04:53

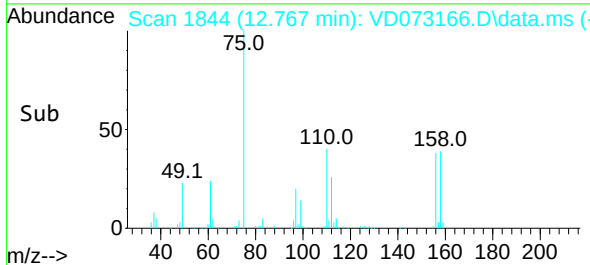
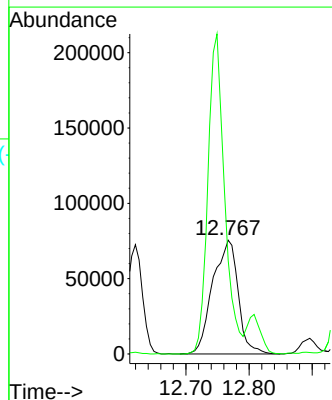
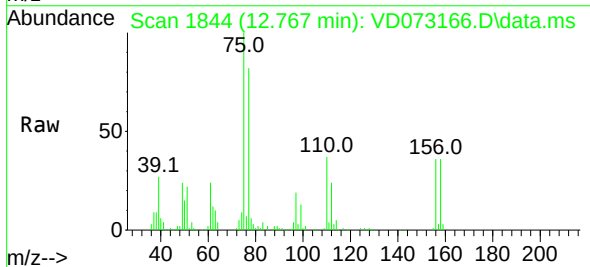
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

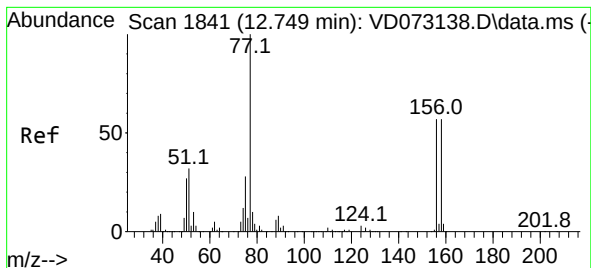
Tgt Ion: 83 Resp: 166646
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.0 14.9
 85 65.0 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 89.811 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD073166.D
 Acq: 20 May 2022 04:53

Tgt Ion: 75 Resp: 211133
 Ion Ratio Lower Upper
 75 100
 77 185.4 0.0 0.0#





#77

Bromobenzene

Concen: 50.454 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

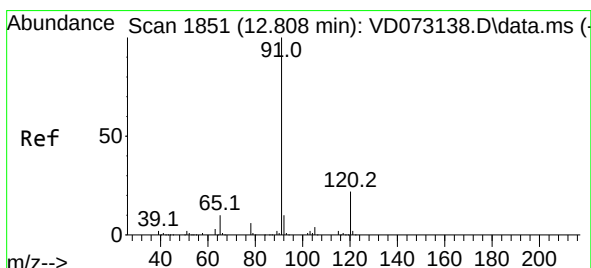
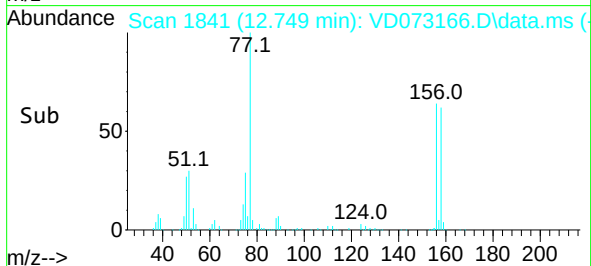
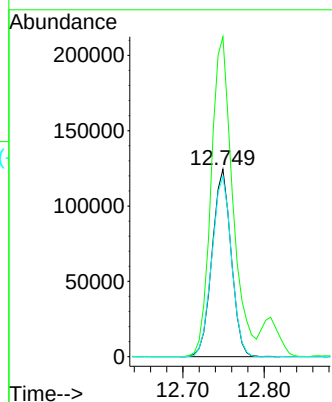
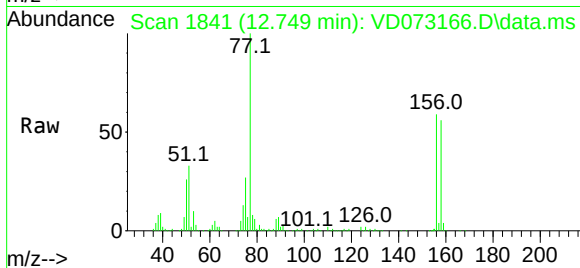
Tgt Ion:156 Resp: 202867

Ion Ratio Lower Upper

156 100

77 193.0 102.8 308.3

158 98.9 48.7 146.1



#78

n-propylbenzene

Concen: 48.072 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VD073166.D

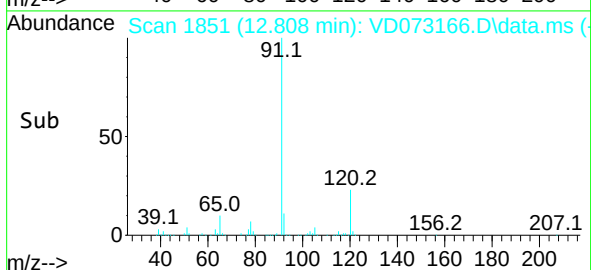
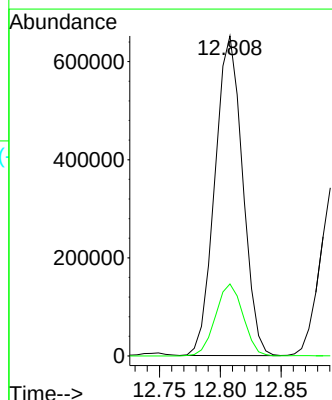
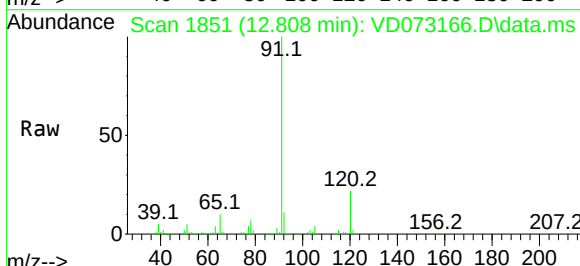
Acq: 20 May 2022 04:53

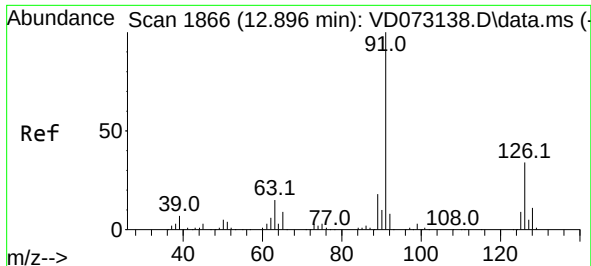
Tgt Ion: 91 Resp: 1030825

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9

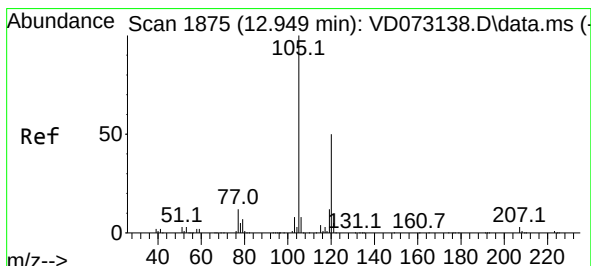
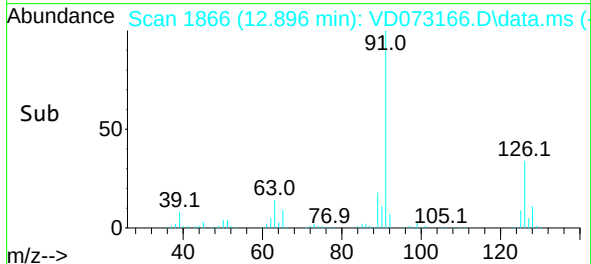
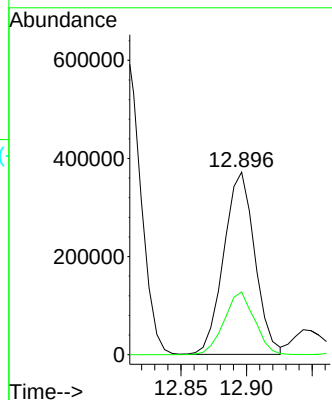
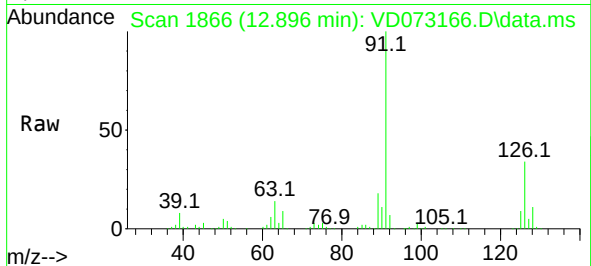




#79
2-Chlorotoluene
Concen: 49.426 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

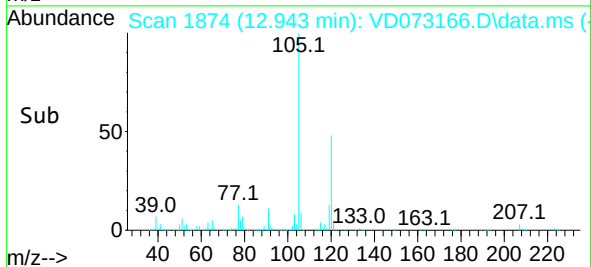
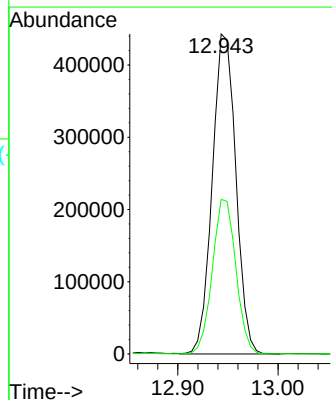
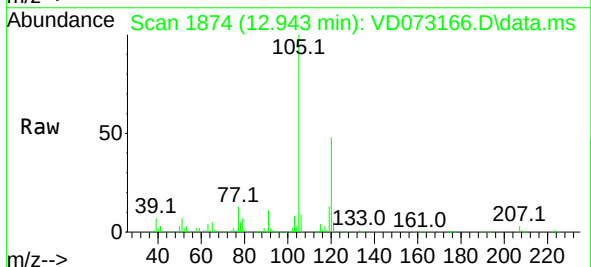
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

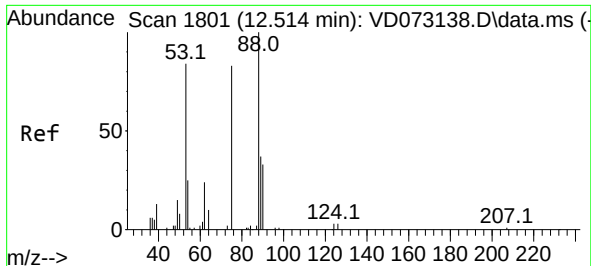
Tgt Ion: 91 Resp: 611948
Ion Ratio Lower Upper
91 100
126 33.7 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 50.071 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 105 Resp: 724488
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

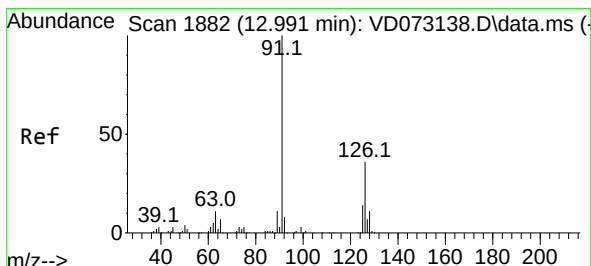
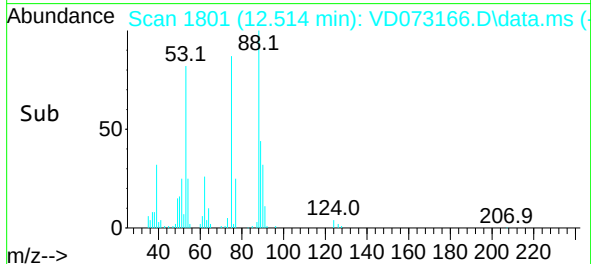
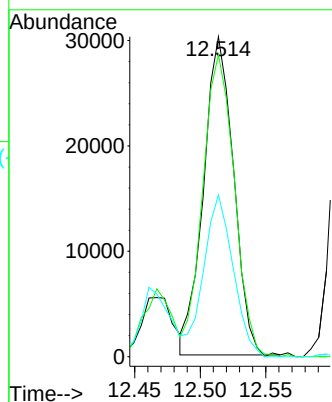
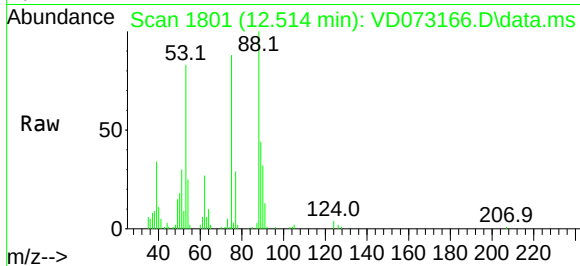




#81
trans-1,4-Dichloro-2-butene
Concen: 49.120 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

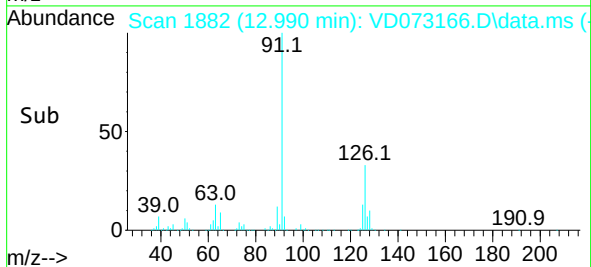
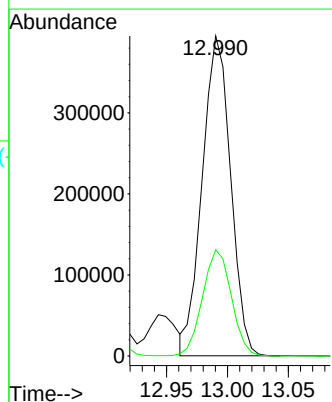
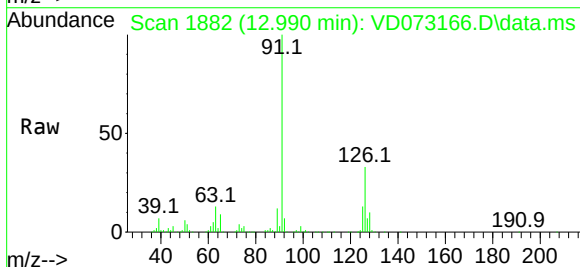
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

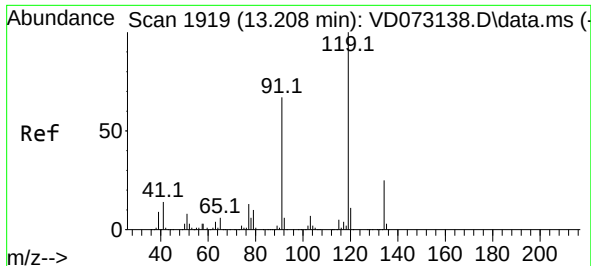
Tgt Ion: 75 Resp: 48100
Ion Ratio Lower Upper
75 100
53 100.3 86.5 129.7
89 50.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.204 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 91 Resp: 638547
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

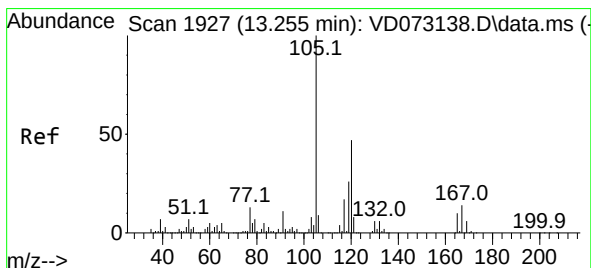
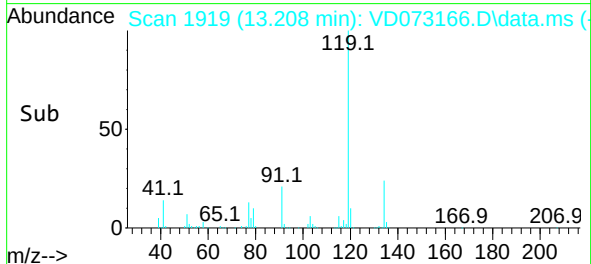
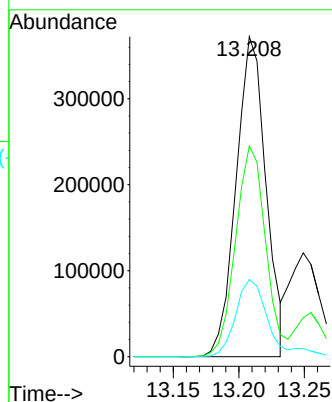
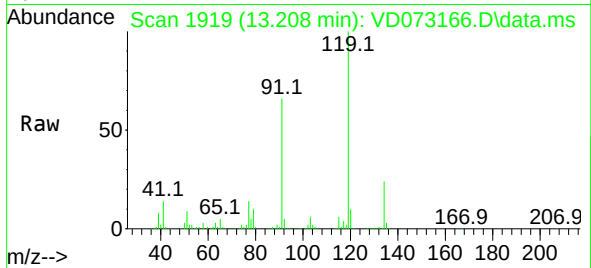




#83
tert-Butylbenzene
Concen: 48.404 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

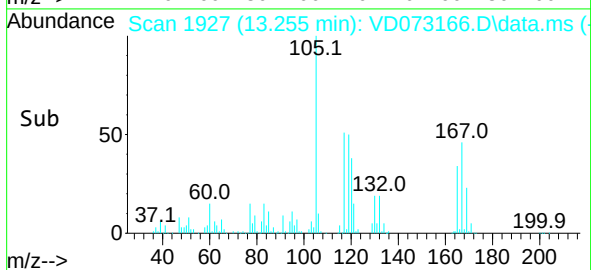
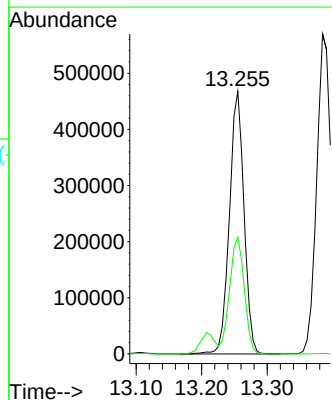
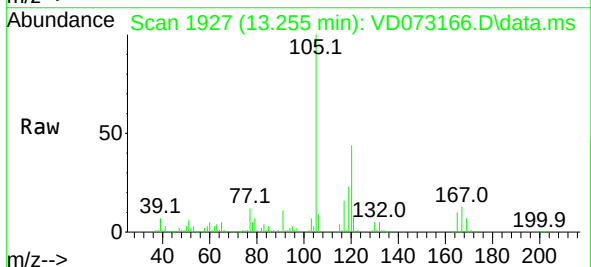
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

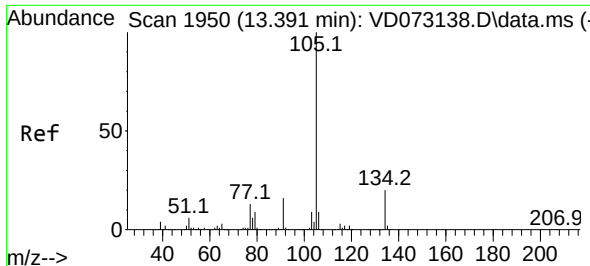
Tgt Ion:119 Resp: 590267
Ion Ratio Lower Upper
119 100
91 66.6 34.8 104.5
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.504 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion:105 Resp: 721899
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8

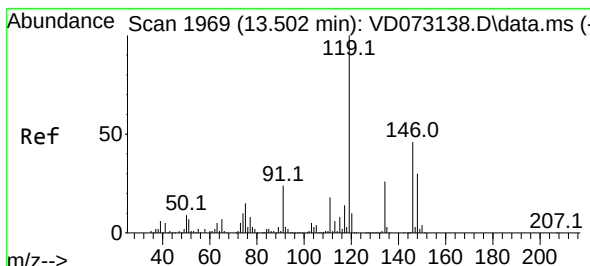
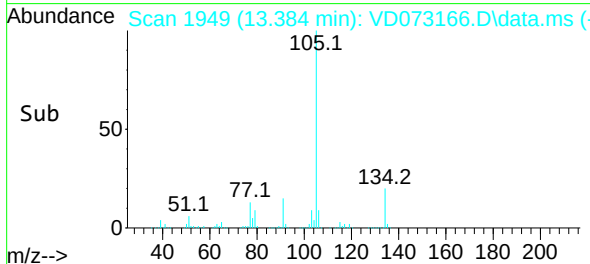
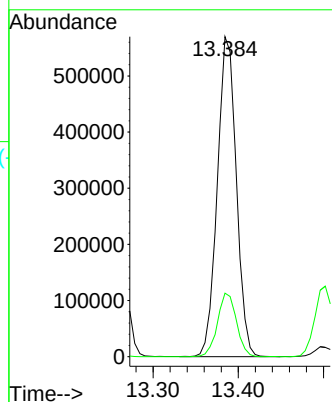
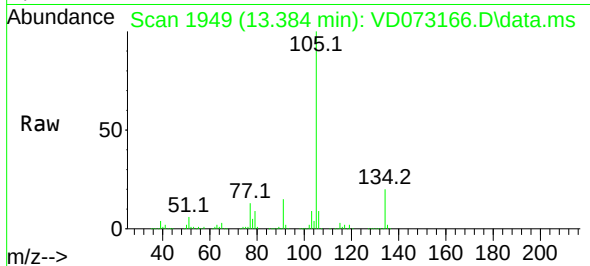




#85
 sec-Butylbenzene
 Concen: 47.464 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.007 min
 Lab File: VD073166.D
 Acq: 20 May 2022 04:53

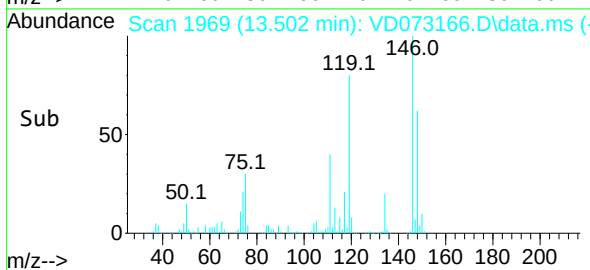
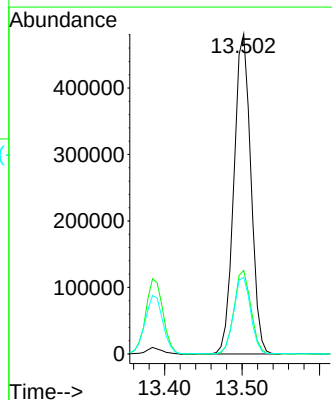
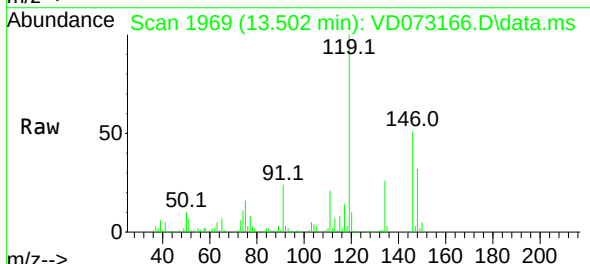
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

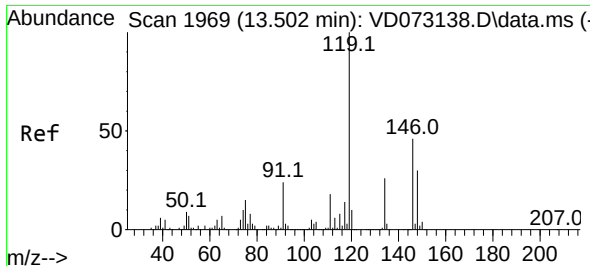
Tgt Ion:105 Resp: 883767
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.247 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073166.D
 Acq: 20 May 2022 04:53

Tgt Ion:119 Resp: 732308
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 24.0 12.1 36.3

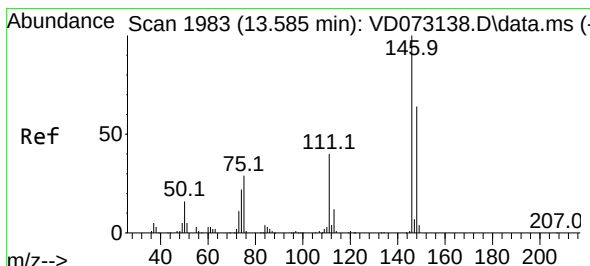
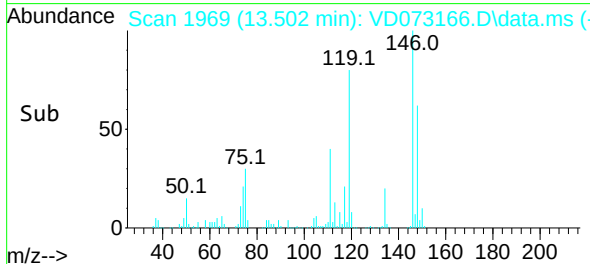
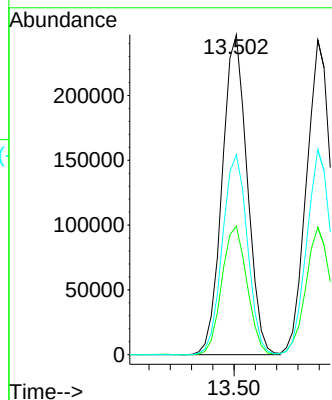
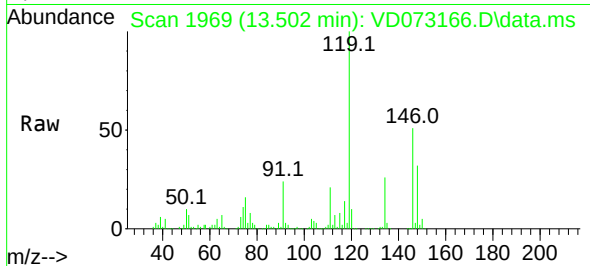




#87
1,3-Dichlorobenzene
Concen: 49.749 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

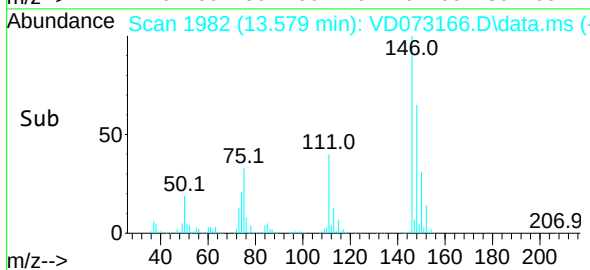
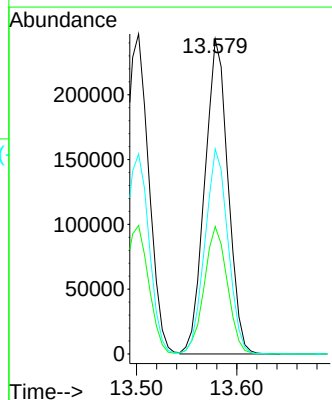
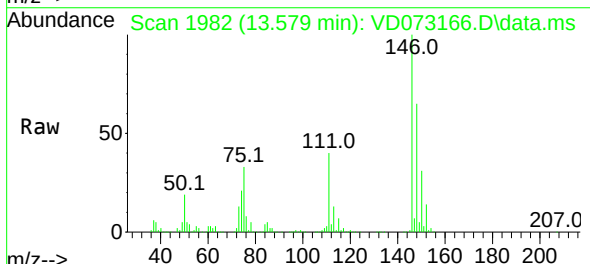
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

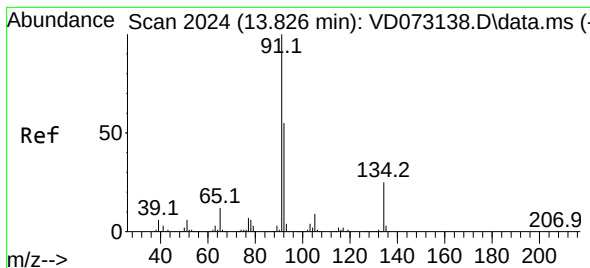
Tgt Ion:146 Resp: 403195
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 62.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 48.010 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion:146 Resp: 392773
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 46.899 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

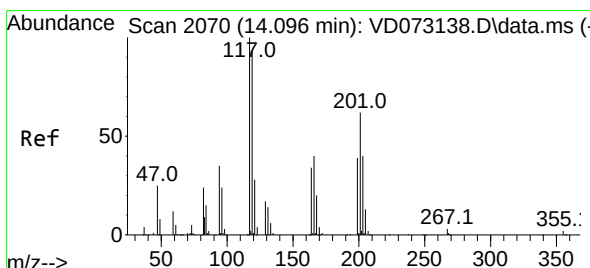
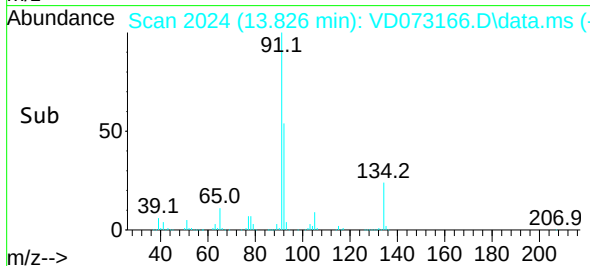
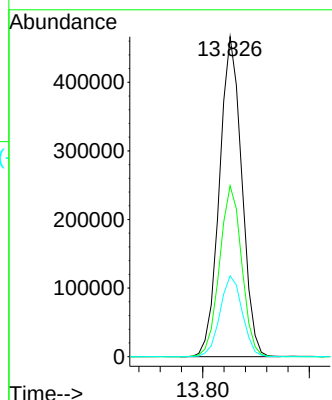
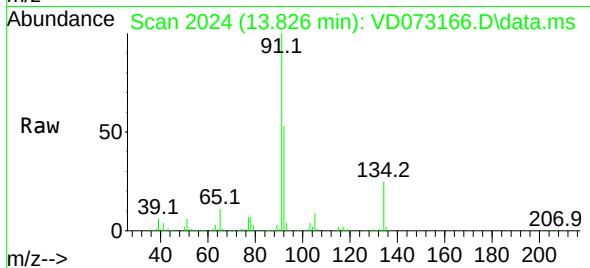
Tgt Ion: 91 Resp: 678259

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.8

134 25.2 12.3 36.9



#90

Hexachloroethane

Concen: 48.996 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073166.D

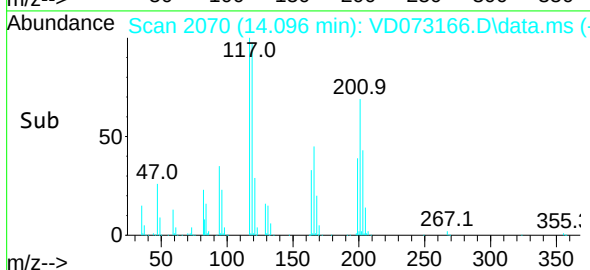
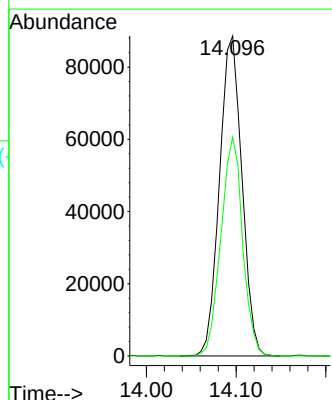
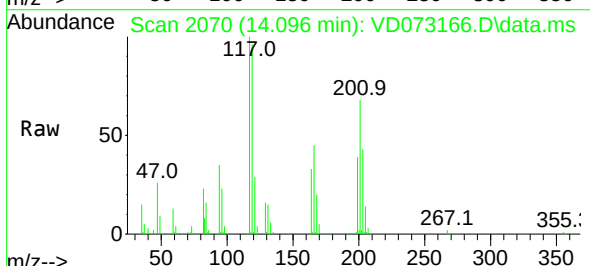
Acq: 20 May 2022 04:53

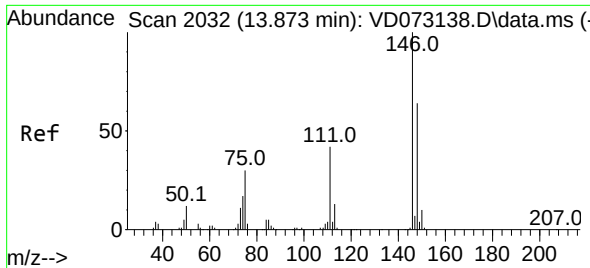
Tgt Ion: 117 Resp: 153877

Ion Ratio Lower Upper

117 100

201 66.0 33.4 100.2

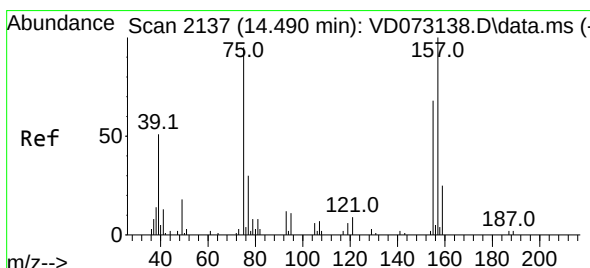
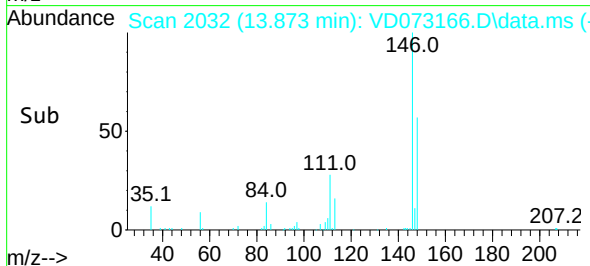
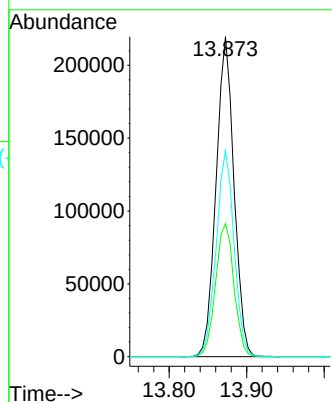
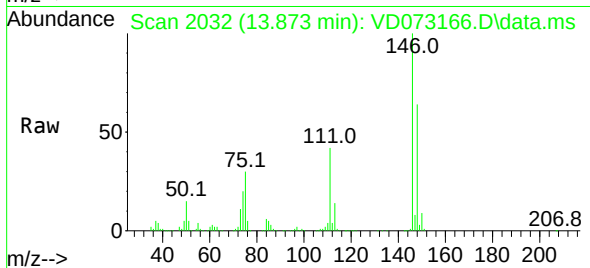




#91
1,2-Dichlorobenzene
Concen: 50.296 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

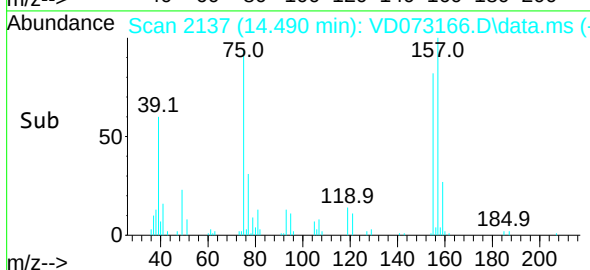
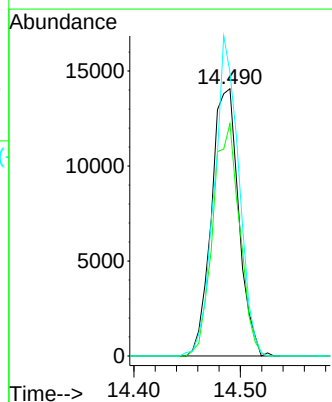
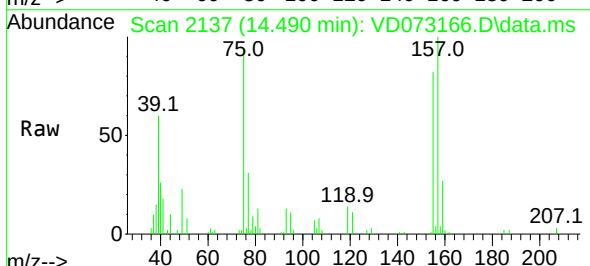
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

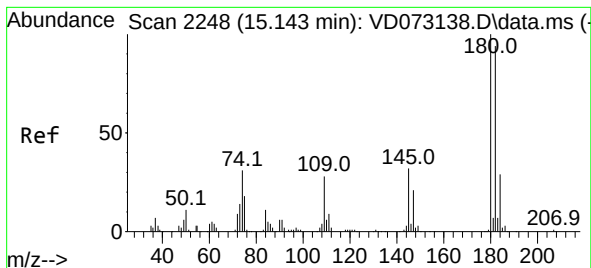
Tgt Ion:146 Resp: 352690
Ion Ratio Lower Upper
146 100
111 42.6 21.1 63.3
148 64.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.851 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion: 75 Resp: 25014
Ion Ratio Lower Upper
75 100
155 84.9 36.8 110.3
157 107.6 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 48.693 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

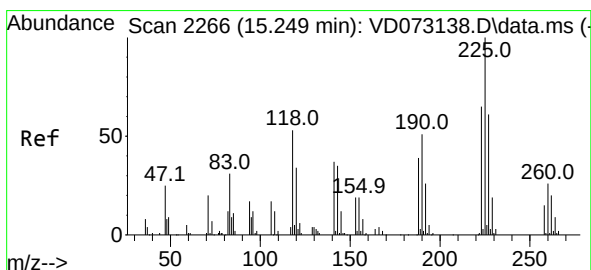
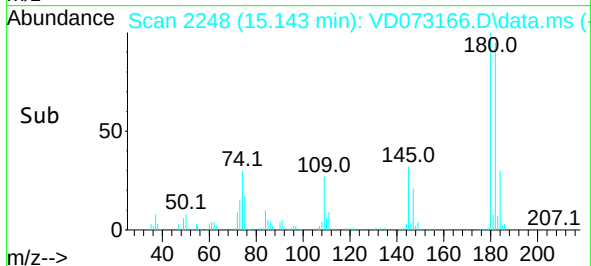
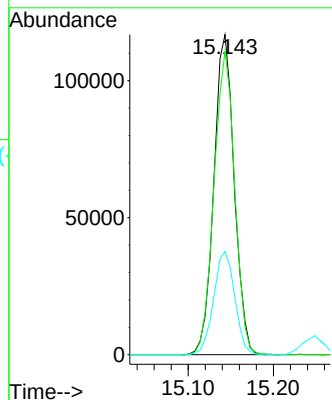
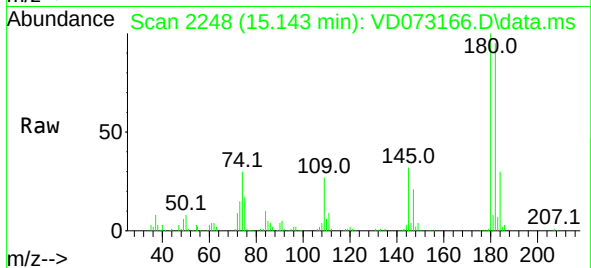
Tgt Ion:180 Resp: 193849

Ion Ratio Lower Upper

180 100

182 96.3 47.3 142.0

145 33.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 45.148 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073166.D

Acq: 20 May 2022 04:53

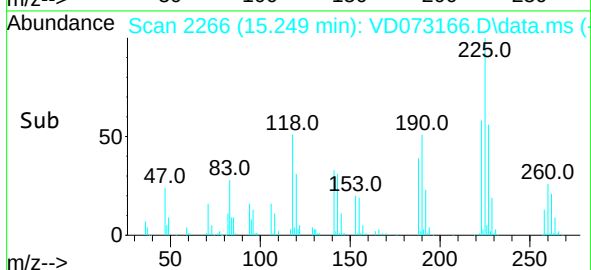
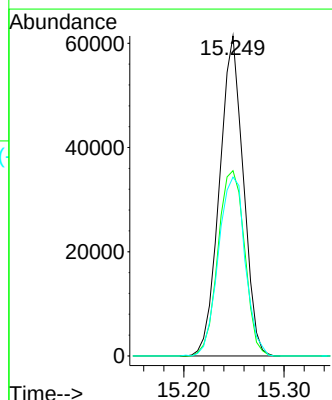
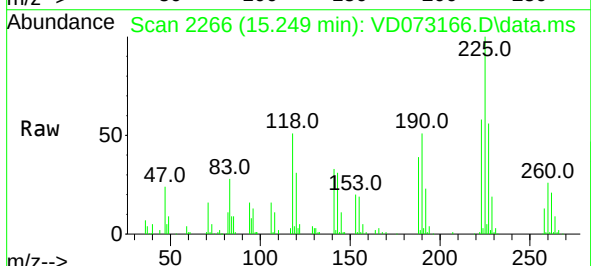
Tgt Ion:225 Resp: 101284

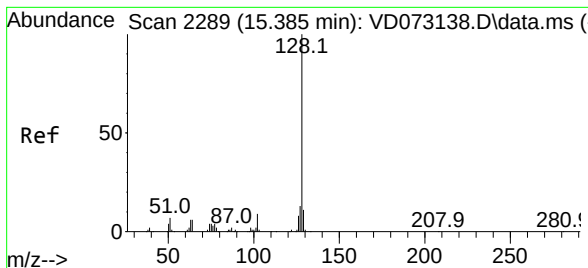
Ion Ratio Lower Upper

225 100

223 64.6 31.1 93.2

227 62.9 32.4 97.0

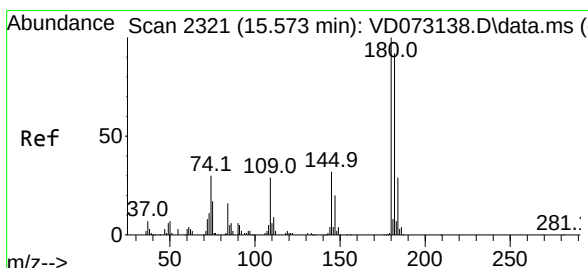
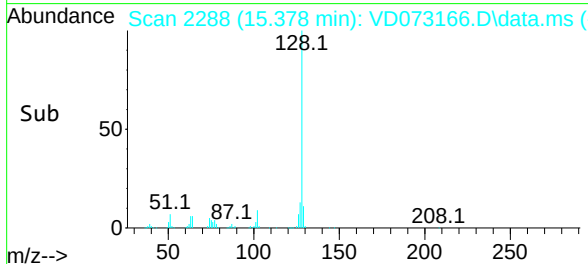
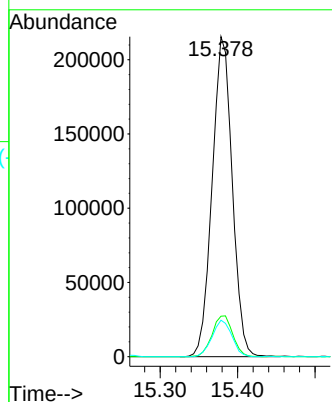
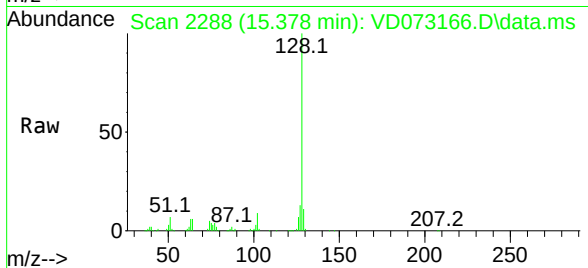




#95
Naphthalene
Concen: 49.638 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 388982
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.202 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073166.D
Acq: 20 May 2022 04:53

Tgt Ion:180 Resp: 180708
Ion Ratio Lower Upper
180 100
182 91.9 47.6 142.9
145 34.0 17.1 51.3

