

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073031.D
 Acq On : 16 May 2022 12:48
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 17 03:27:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	323590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	521703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	481384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238526	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	180240	42.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.820%
35) Dibromofluoromethane	7.908	113	183330	50.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.080%
50) Toluene-d8	10.332	98	682644	51.940	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.620	95	249393	50.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	215335	48.156	ug/l	99
3) Chloromethane	2.209	50	196524	42.260	ug/l	99
4) Vinyl Chloride	2.344	62	201184	48.214	ug/l	99
5) Bromomethane	2.756	94	130017	50.676	ug/l	93
6) Chloroethane	2.914	64	121064	46.551	ug/l	99
7) Trichlorofluoromethane	3.267	101	384777	52.659	ug/l	94
8) Diethyl Ether	3.709	74	103611	49.460	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	236543	54.528	ug/l	97
10) Methyl Iodide	4.291	142	222155	51.029	ug/l	99
11) Tert butyl alcohol	5.208	59	89817	247.140	ug/l #	95
12) 1,1-Dichloroethene	4.061	96	205577	52.687	ug/l	88
13) Acrolein	3.914	56	21637	73.866	ug/l	98
14) Allyl chloride	4.709	41	321079	50.969	ug/l	91
15) Acrylonitrile	5.414	53	246320	247.420	ug/l	96
16) Acetone	4.150	43	212084	270.924	ug/l	92
17) Carbon Disulfide	4.409	76	573001	46.704	ug/l	100
18) Methyl Acetate	4.714	43	111796	48.906	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	477748	51.074	ug/l	98
20) Methylene Chloride	4.956	84	242284	47.967	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	229675	51.324	ug/l	88
22) Diisopropyl ether	6.355	45	689069	49.725	ug/l	93
23) Vinyl Acetate	6.297	43	1934442	252.697	ug/l #	93
24) 1,1-Dichloroethane	6.255	63	421553	50.632	ug/l	99
25) 2-Butanone	7.202	43	308230	251.847	ug/l	92
26) 2,2-Dichloropropane	7.197	77	379607	53.933	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	257759	50.291	ug/l	93
28) Bromochloromethane	7.544	49	147173	47.402	ug/l #	79
29) Tetrahydrofuran	7.555	42	194493	249.316	ug/l	92
30) Chloroform	7.702	83	440548	50.008	ug/l	98
31) Cyclohexane	7.979	56	370705	50.486	ug/l	87
32) 1,1,1-Trichloroethane	7.897	97	405581	54.019	ug/l	95
36) 1,1-Dichloropropene	8.108	75	337963	56.727	ug/l	96
37) Ethyl Acetate	7.285	43	143342	52.338	ug/l #	97
38) Carbon Tetrachloride	8.091	117	353928	57.229	ug/l	99
39) Methylcyclohexane	9.349	83	399840	57.860	ug/l	95
40) Benzene	8.344	78	925850	53.813	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	83515	51.212	ug/l	93
42) 1,2-Dichloroethane	8.414	62	257505	49.667	ug/l	97
43) Isopropyl Acetate	8.444	43	264169	52.259	ug/l #	94
44) Trichloroethene	9.108	130	249590	54.225	ug/l	96
45) 1,2-Dichloropropane	9.379	63	234606	51.923	ug/l	99
46) Dibromomethane	9.467	93	123941	49.727	ug/l	96
47) Bromodichloromethane	9.655	83	328259	51.196	ug/l	100
48) Methyl methacrylate	9.449	41	134996	54.588	ug/l	92
49) 1,4-Dioxane	9.449	88	30880	1100.237	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	707865	269.482	ug/l	93
52) Toluene	10.396	92	602564	56.144	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	304453	51.695	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	360373	52.668	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	176285	52.320	ug/l	98
56) Ethyl methacrylate	10.655	69	221635	55.868	ug/l	88
57) 1,3-Dichloropropane	10.938	76	300539	51.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	516944	268.763	ug/l	96
59) 2-Hexanone	10.973	43	493323	279.106	ug/l	95
60) Dibromochloromethane	11.132	129	220241	51.924	ug/l	100
61) 1,2-Dibromoethane	11.238	107	171261	52.221	ug/l	100
64) Tetrachloroethene	10.867	164	205827	58.482	ug/l	98
65) Chlorobenzene	11.661	112	624901	56.125	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	242086	57.855	ug/l	99
67) Ethyl Benzene	11.738	91	1167888	60.610	ug/l	98
68) m/p-Xylenes	11.843	106	898694	121.078	ug/l	98
69) o-Xylene	12.173	106	418981	60.441	ug/l	95
70) Styrene	12.185	104	719950	59.944	ug/l	97
71) Bromoform	12.349	173	127165	56.075	ug/l #	99
73) Isopropylbenzene	12.467	105	1143622	61.624	ug/l	99
74) N-amyl acetate	12.279	43	257866	55.797	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	205268	54.794	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	258626	97.238	ug/l #	100
77) Bromobenzene	12.749	156	246703	55.982	ug/l	95
78) n-propylbenzene	12.808	91	1422419	60.815	ug/l	99
79) 2-Chlorotoluene	12.896	91	789075	57.753	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	963115	61.205	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	65022	56.218	ug/l	91
82) 4-Chlorotoluene	12.990	91	823472	57.684	ug/l	100
83) tert-Butylbenzene	13.208	119	853939	63.830	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	932421	59.280	ug/l	98
85) sec-Butylbenzene	13.390	105	1274295	63.154	ug/l	99
86) p-Isopropyltoluene	13.502	119	1038523	62.775	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	506737	57.081	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	498538	56.392	ug/l	99
89) n-Butylbenzene	13.826	91	1008039	62.901	ug/l	99
90) Hexachloroethane	14.096	117	203142	59.940	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	436269	56.388	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	32376	54.520	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	270144	58.957	ug/l	99
94) Hexachlorobutadiene	15.249	225	151541	60.558	ug/l	99
95) Naphthalene	15.384	128	508351	60.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	237391	58.445	ug/l	99

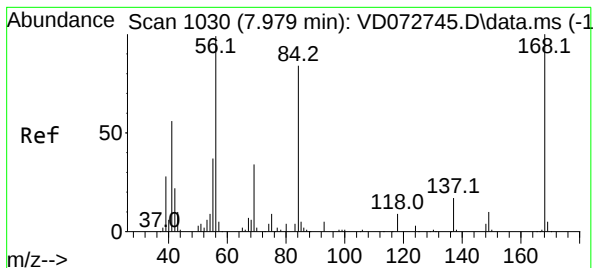
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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

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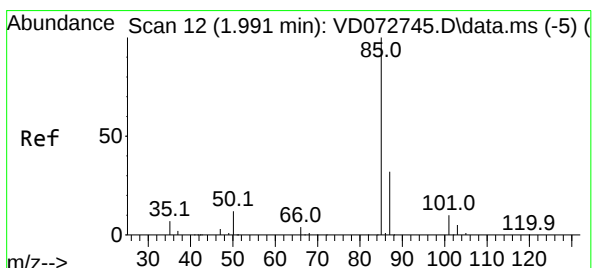
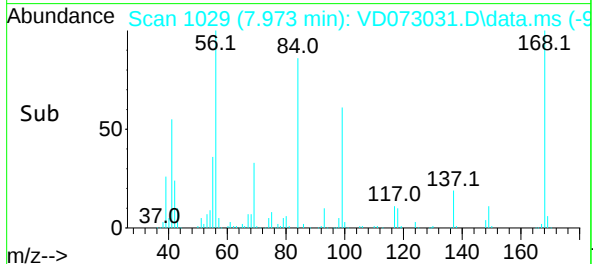
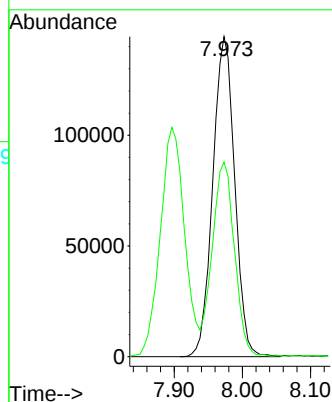
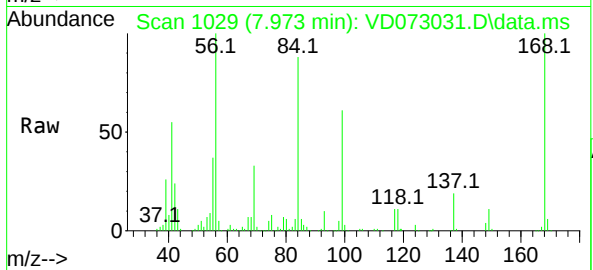
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

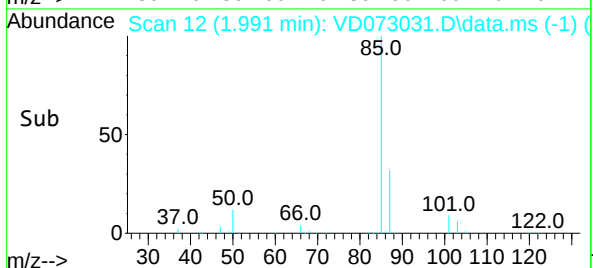
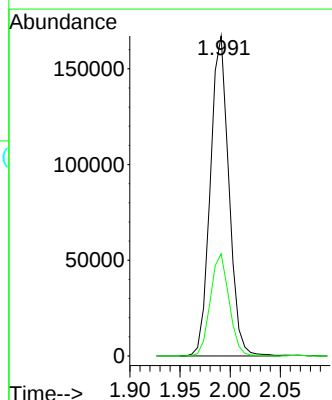
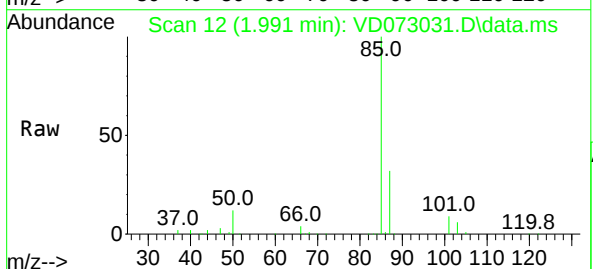
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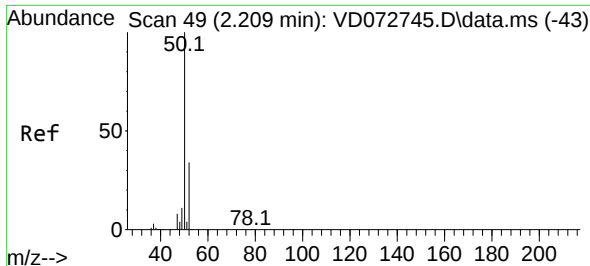
Tgt Ion:168 Resp: 323590
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 48.156 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 85 Resp: 215335
Ion Ratio Lower Upper
85 100
87 32.0 15.7 47.0

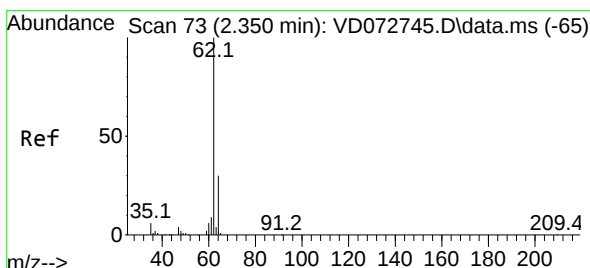
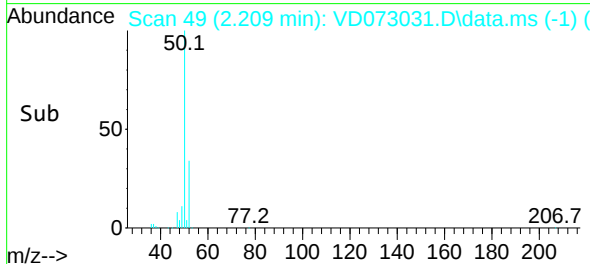
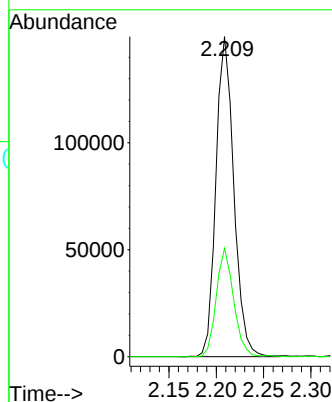
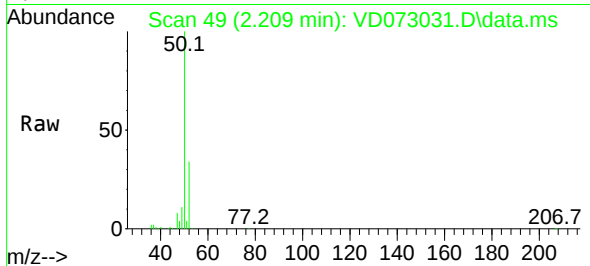




#3
Chloromethane
Concen: 42.260 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

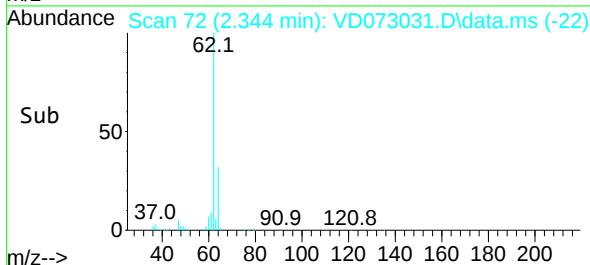
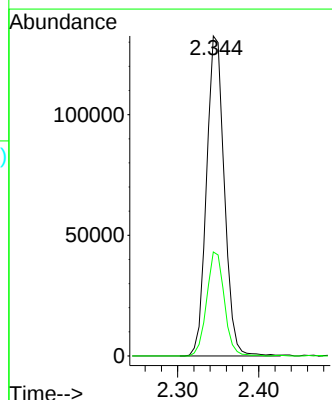
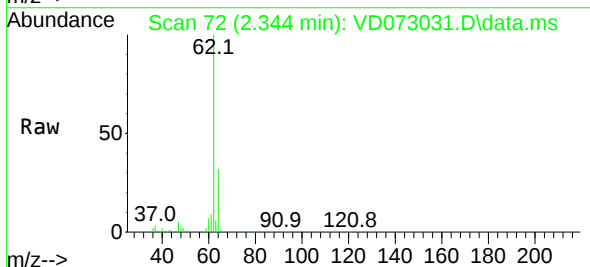
Instrument :
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ClientSampleId :
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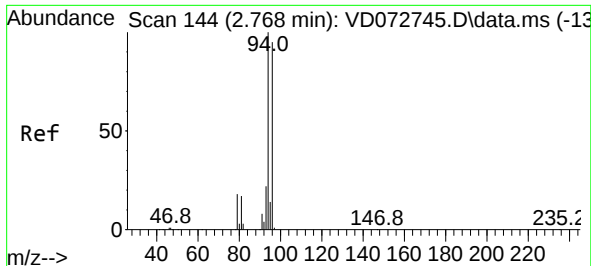
Tgt Ion: 50 Resp: 196524
Ion Ratio Lower Upper
50 100
52 33.9 27.4 41.0



#4
Vinyl Chloride
Concen: 48.214 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 62 Resp: 201184
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0

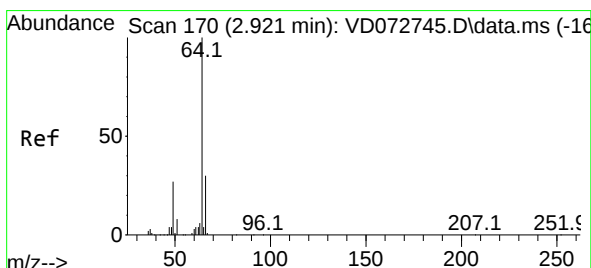
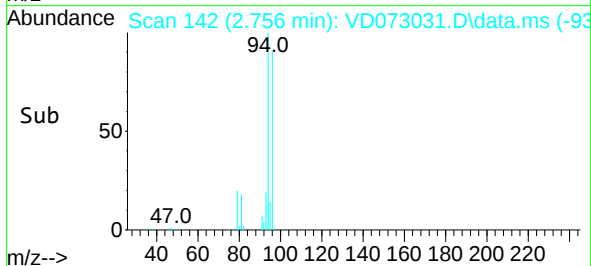
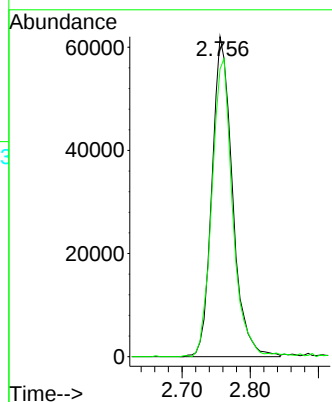
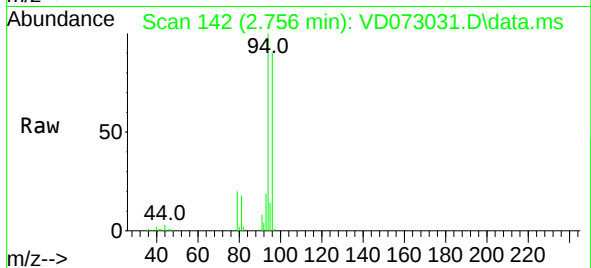




#5
Bromomethane
Concen: 50.676 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

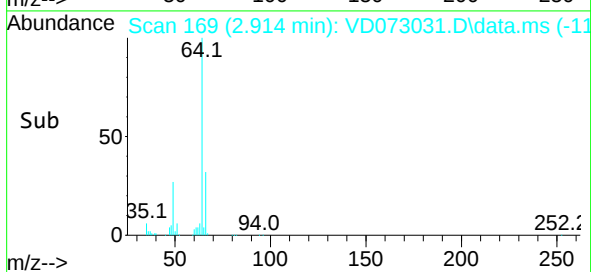
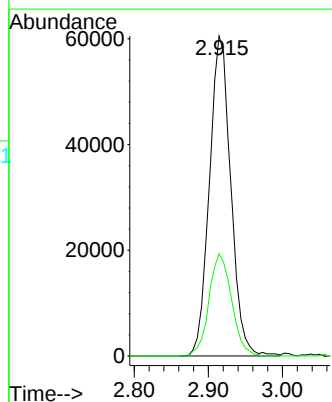
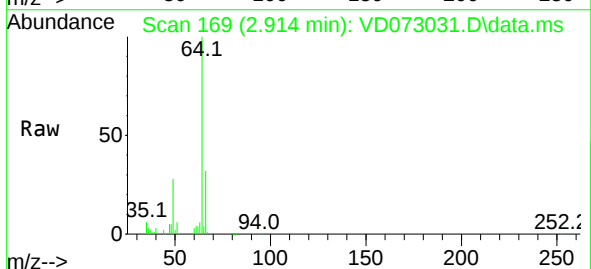
Instrument :
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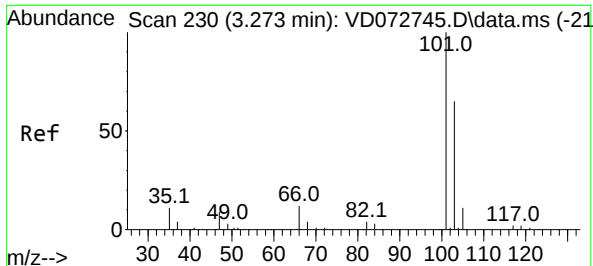
Tgt Ion: 94 Resp: 130017
Ion Ratio Lower Upper
94 100
96 89.9 77.6 116.4



#6
Chloroethane
Concen: 46.551 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 64 Resp: 121064
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9

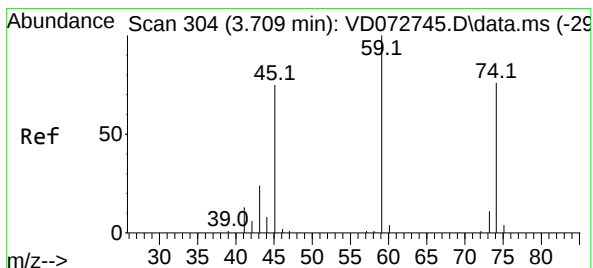
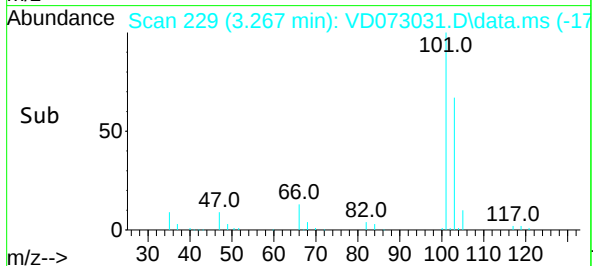
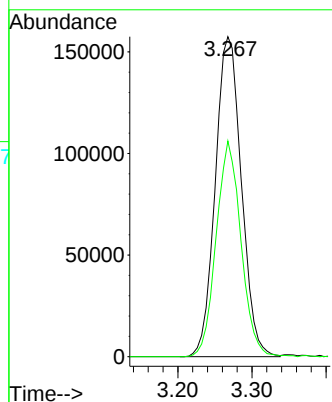
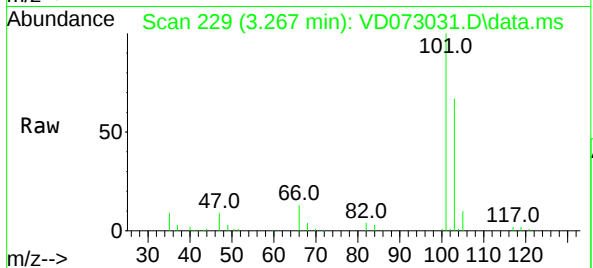




#7
 Trichlorofluoromethane
 Concen: 52.659 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073031.D
 Acq: 16 May 2022 12:48

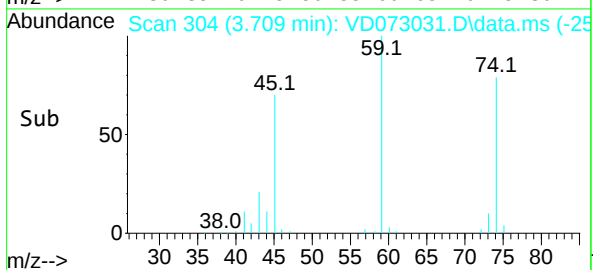
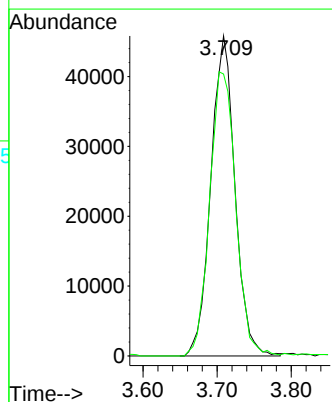
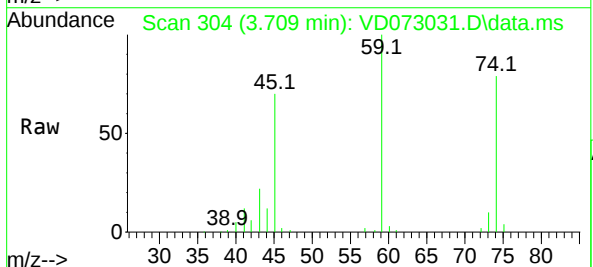
Instrument :
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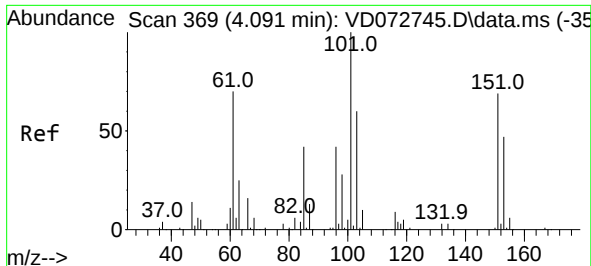
Tgt Ion:101 Resp: 384777
 Ion Ratio Lower Upper
 101 100
 103 67.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 49.460 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073031.D
 Acq: 16 May 2022 12:48

Tgt Ion: 74 Resp: 103611
 Ion Ratio Lower Upper
 74 100
 45 95.8 52.6 157.8

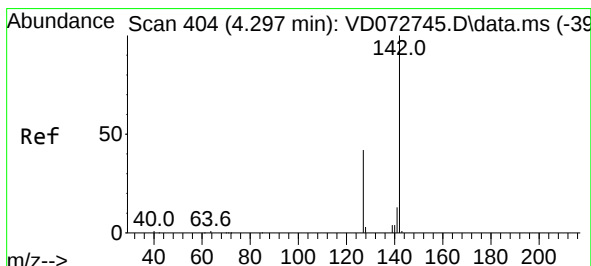
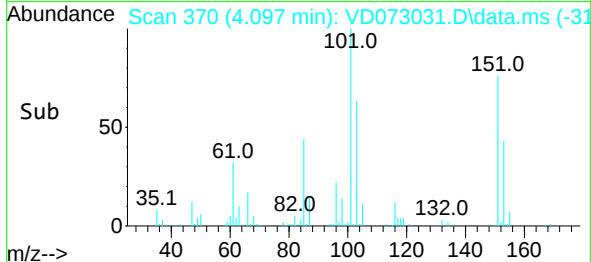
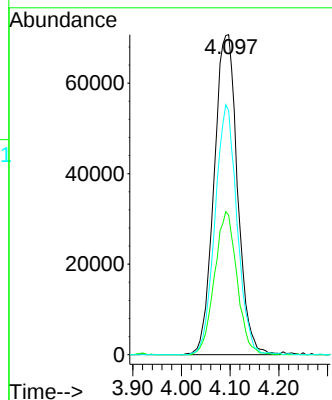
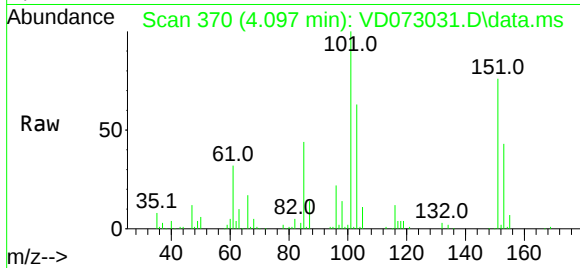




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.528 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073031.D
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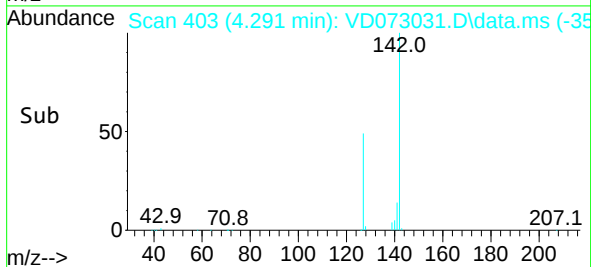
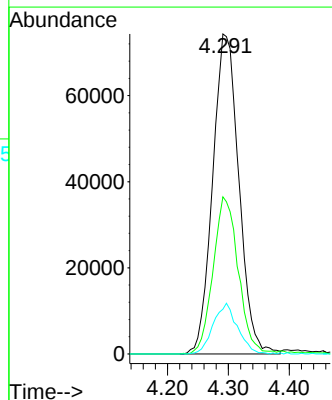
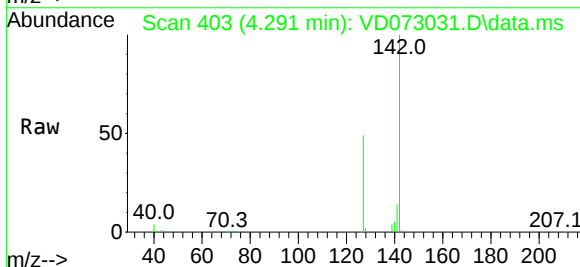
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

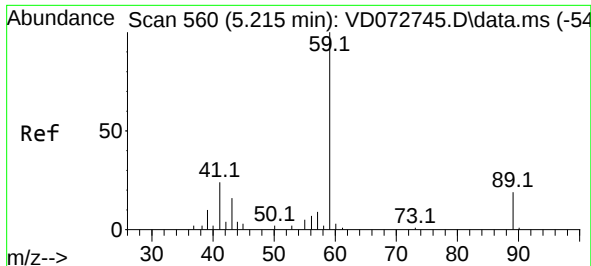
Tgt Ion:101 Resp: 236543
Ion Ratio Lower Upper
101 100
85 42.8 36.4 54.6
151 73.4 57.3 85.9



#10
Methyl Iodide
Concen: 51.029 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion:142 Resp: 222155
Ion Ratio Lower Upper
142 100
127 47.1 37.3 55.9
141 14.7 11.7 17.5

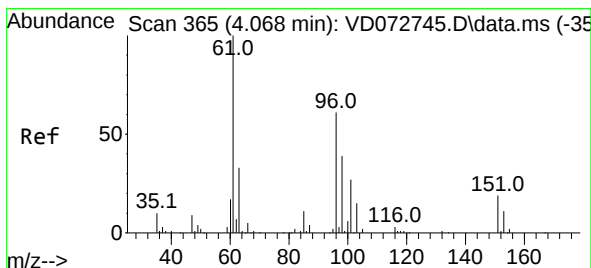
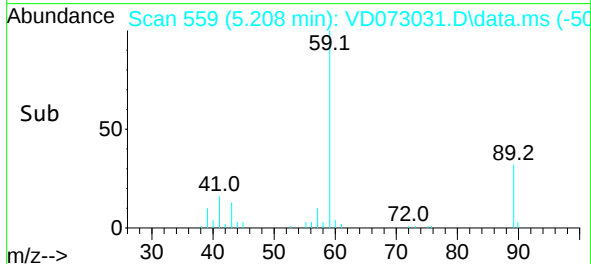
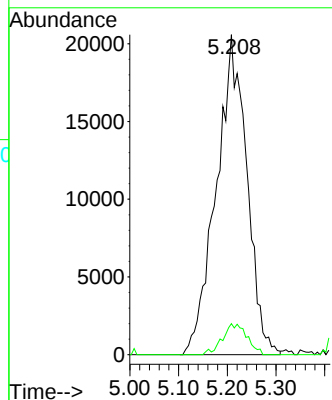
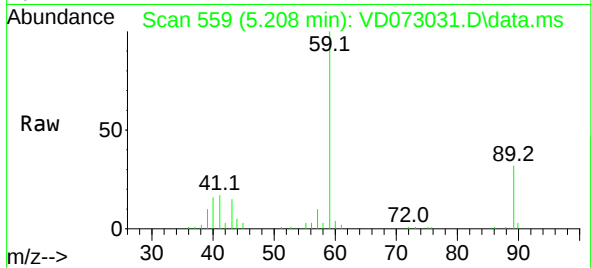




#11
Tert butyl alcohol
Concen: 247.140 ug/l
RT: 5.208 min Scan# 51
Delta R.T. -0.007 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

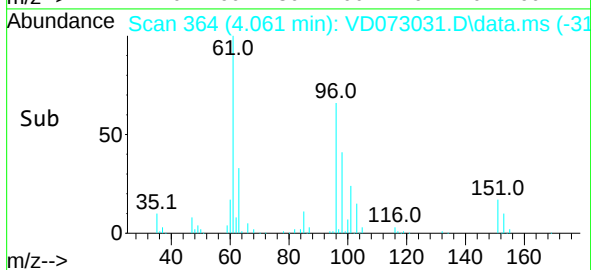
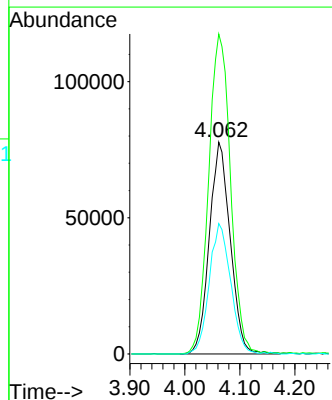
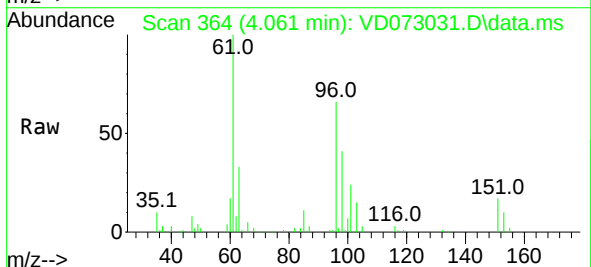
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

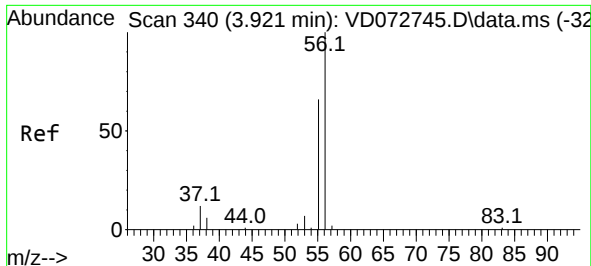
Tgt Ion: 59 Resp: 89817
Ion Ratio Lower Upper
59 100
57 7.8 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 52.687 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 96 Resp: 205577
Ion Ratio Lower Upper
96 100
61 151.0 138.5 207.7
98 61.5 48.6 73.0





#13

Acrolein

Concen: 73.866 ug/l

RT: 3.914 min Scan# 31

Delta R.T. -0.007 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

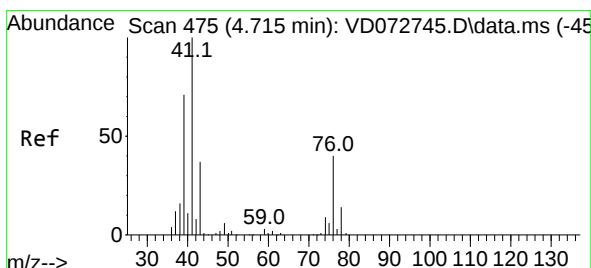
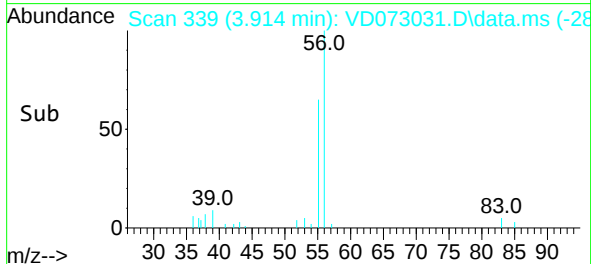
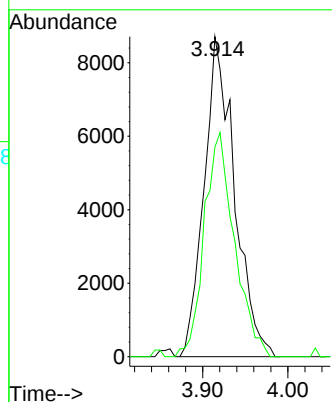
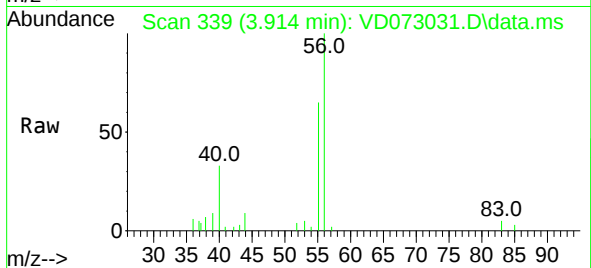
VSTDCCC050

Tgt Ion: 56 Resp: 21637

Ion Ratio Lower Upper

56 100

55 69.5 57.1 85.7



#14

Allyl chloride

Concen: 50.969 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

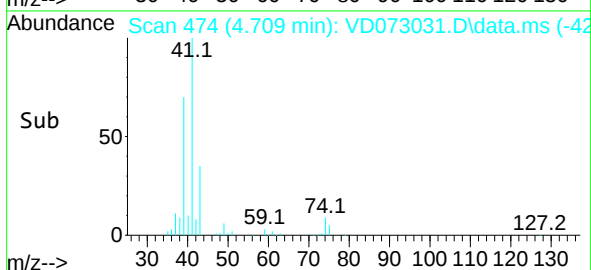
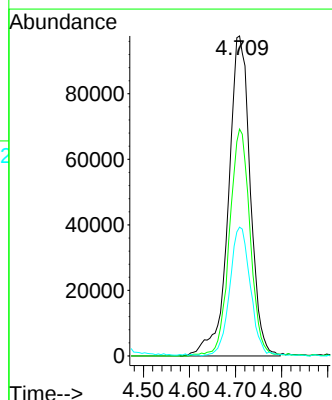
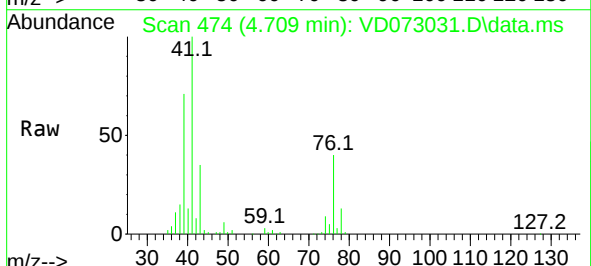
Tgt Ion: 41 Resp: 321079

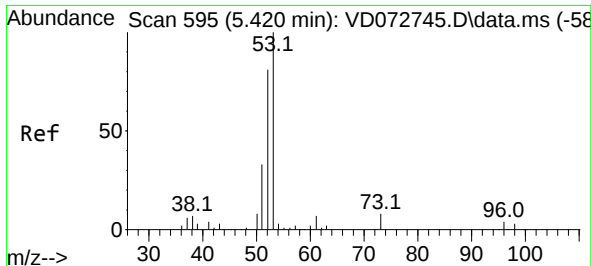
Ion Ratio Lower Upper

41 100

39 67.1 59.3 88.9

76 38.2 25.7 38.5

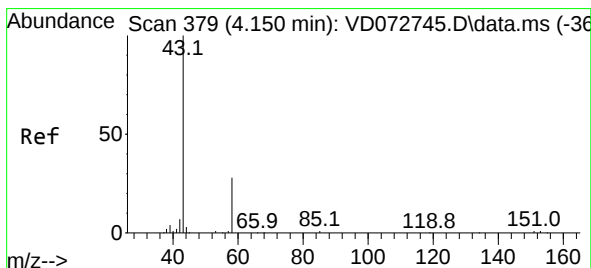
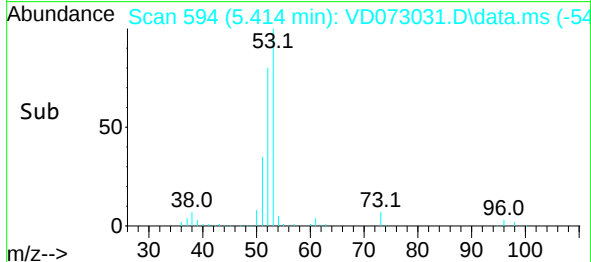
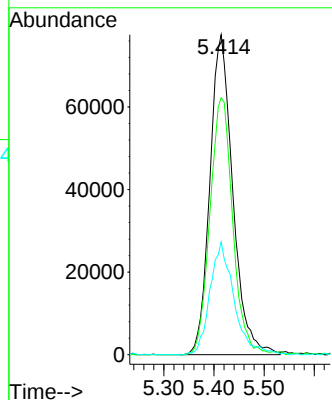
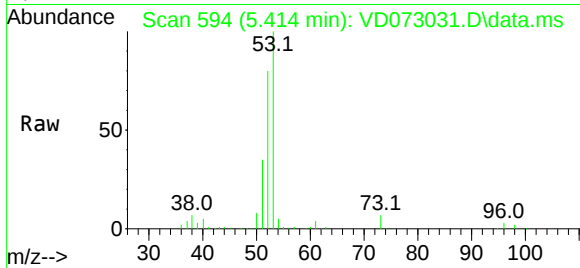




#15
Acrylonitrile
Concen: 247.420 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

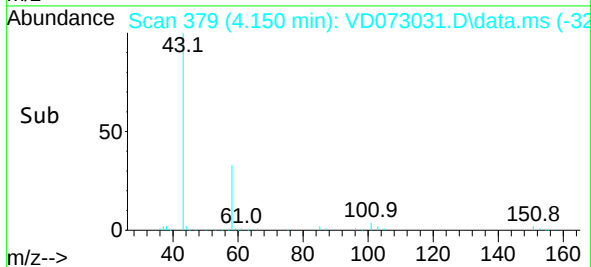
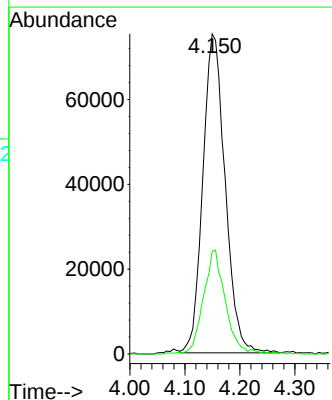
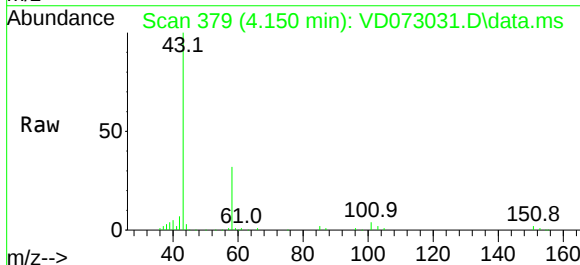
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

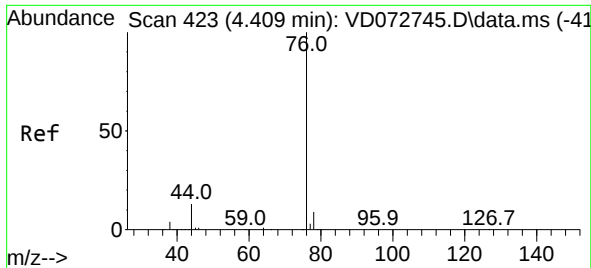
Tgt Ion: 53 Resp: 246320
Ion Ratio Lower Upper
53 100
52 79.7 67.2 100.8
51 36.9 30.3 45.5



#16
Acetone
Concen: 270.924 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 43 Resp: 212084
Ion Ratio Lower Upper
43 100
58 31.9 22.1 33.1

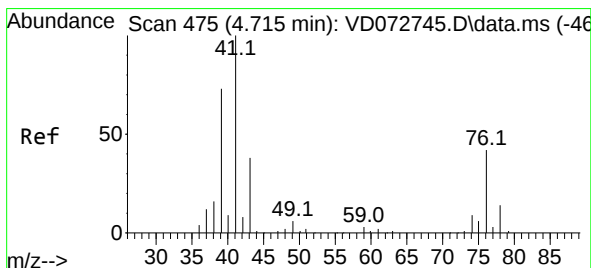
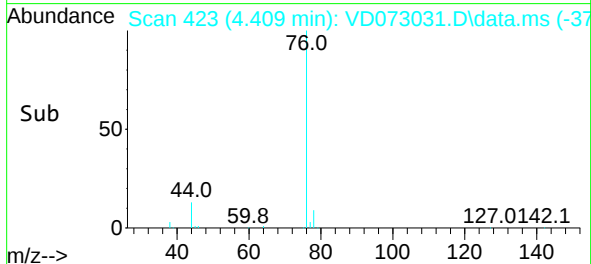
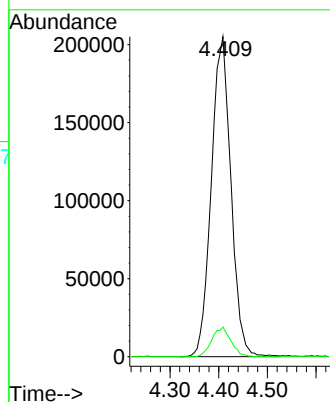
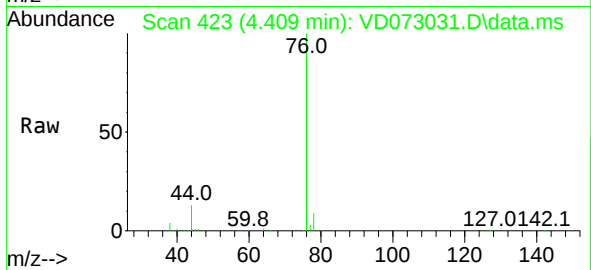




#17
Carbon Disulfide
Concen: 46.704 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

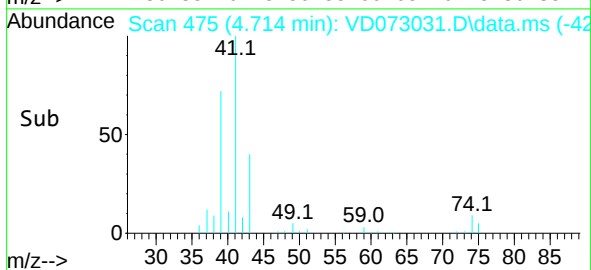
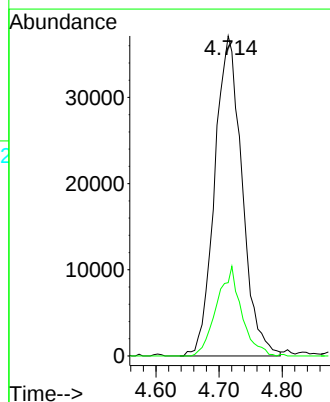
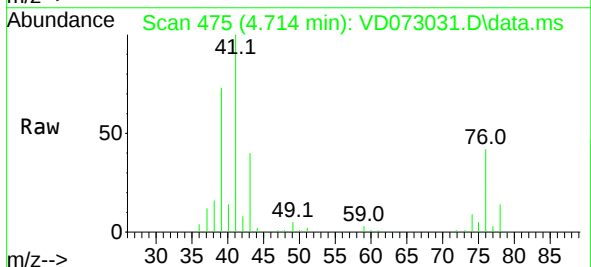
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

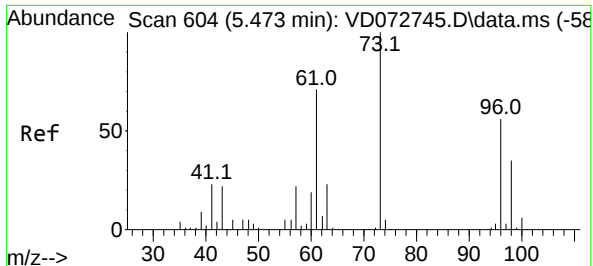
Tgt Ion: 76 Resp: 573001
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 48.906 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 43 Resp: 111796
Ion Ratio Lower Upper
43 100
74 25.3 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 51.074 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

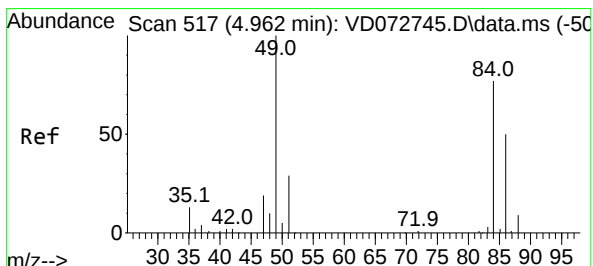
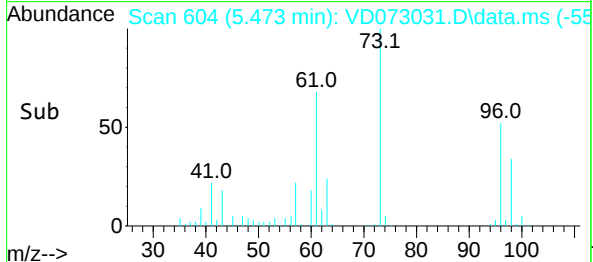
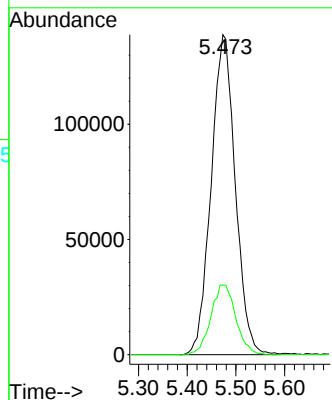
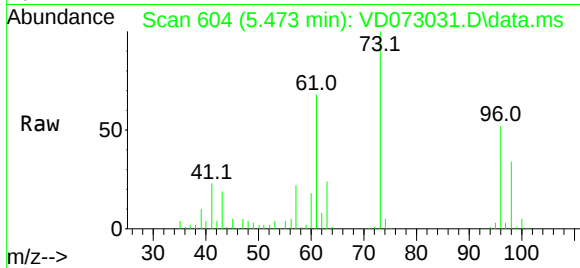
VSTDCCC050

Tgt Ion: 73 Resp: 477748

Ion Ratio Lower Upper

73 100

57 21.8 18.0 27.0



#20

Methylene Chloride

Concen: 47.967 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Tgt Ion: 84 Resp: 242284

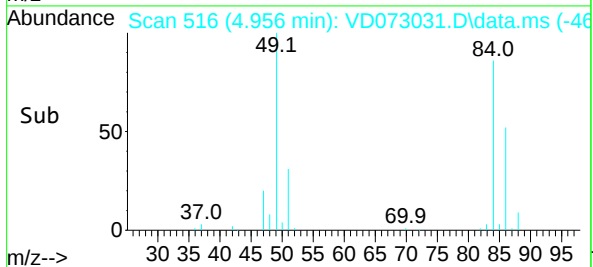
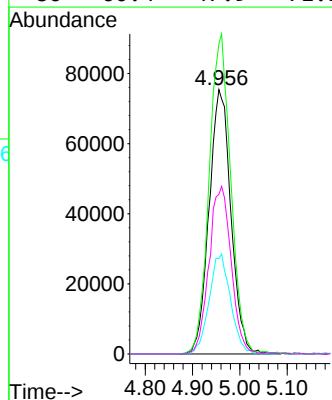
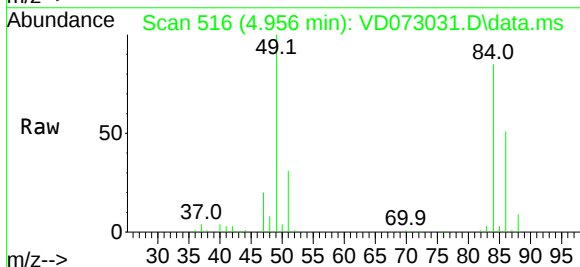
Ion Ratio Lower Upper

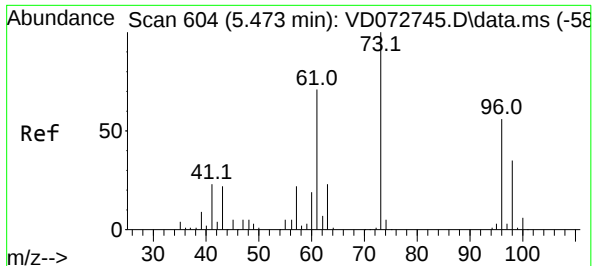
84 100

49 117.3 112.8 169.2

51 36.1 32.6 48.8

86 60.4 47.9 71.9

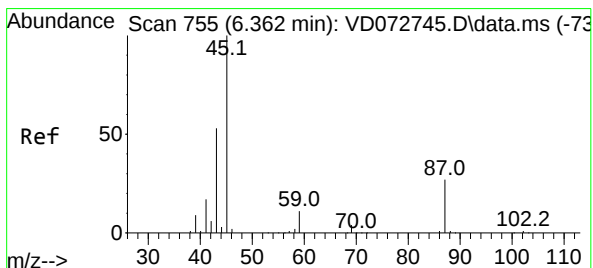
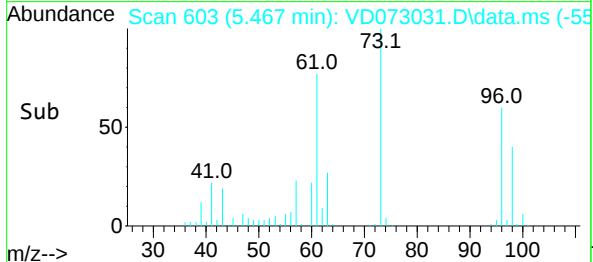
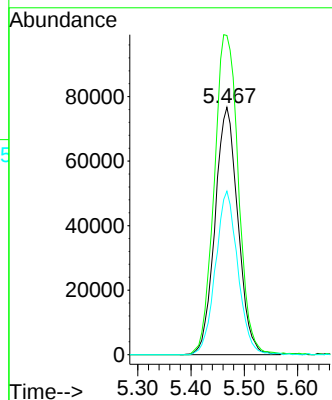
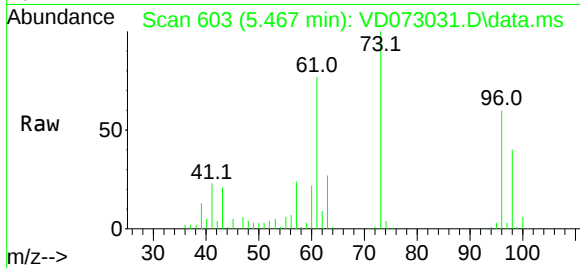




#21
trans-1,2-Dichloroethene
Concen: 51.324 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

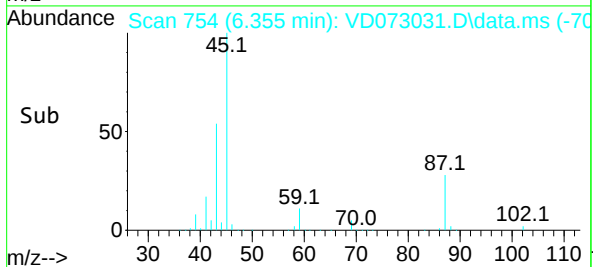
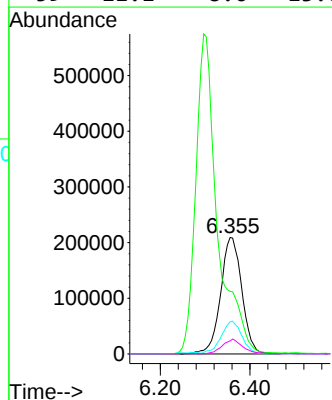
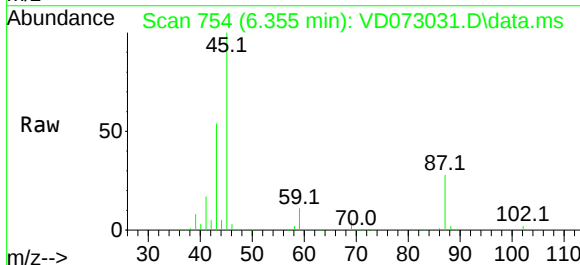
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

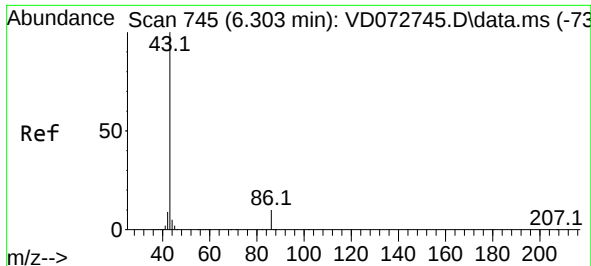
Tgt Ion: 96 Resp: 229675
Ion Ratio Lower Upper
96 100
61 129.1 117.9 176.9
98 66.1 49.4 74.2



#22
Diisopropyl ether
Concen: 49.725 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.007 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 45 Resp: 689069
Ion Ratio Lower Upper
45 100
43 52.9 46.6 70.0
87 27.5 18.4 27.6
59 11.1 8.6 13.0

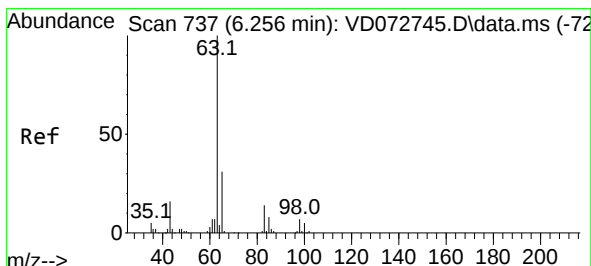
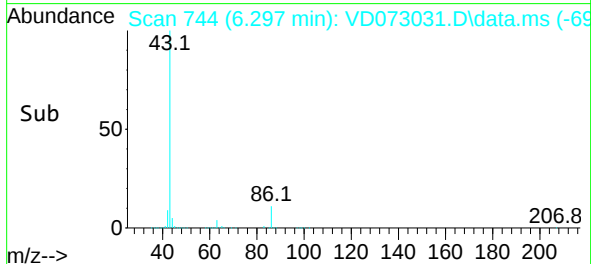
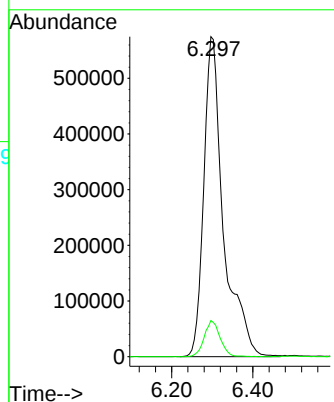
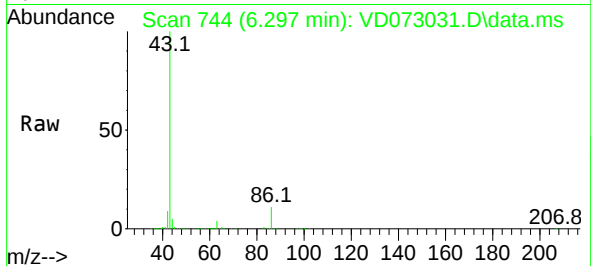




#23
 Vinyl Acetate
 Concen: 252.697 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD073031.D
 Acq: 16 May 2022 12:48

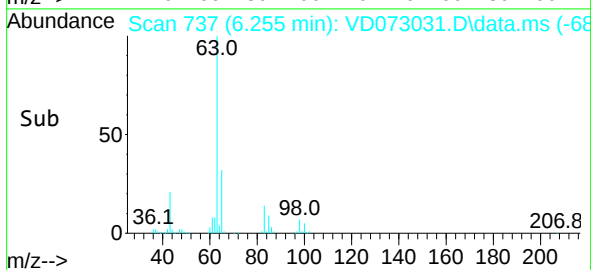
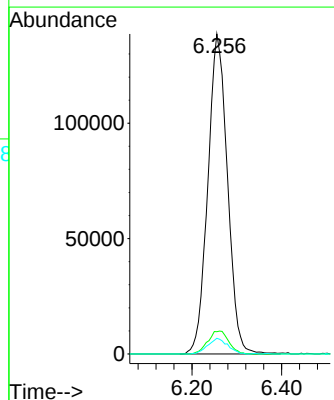
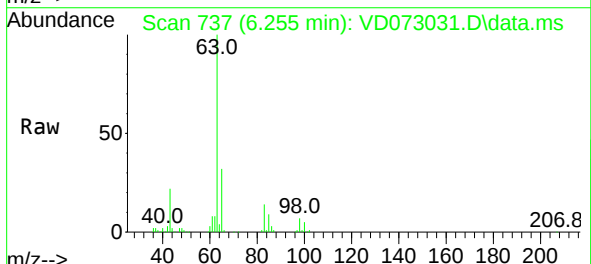
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

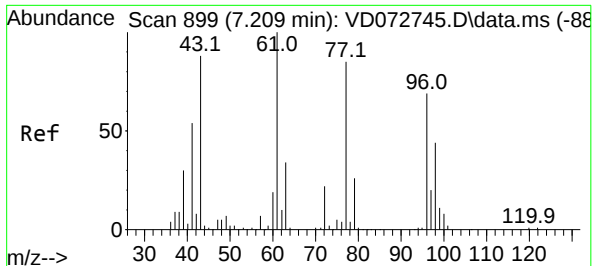
Tgt Ion: 43 Resp: 1934442
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.632 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.001 min
 Lab File: VD073031.D
 Acq: 16 May 2022 12:48

Tgt Ion: 63 Resp: 421553
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.9 2.1 6.5

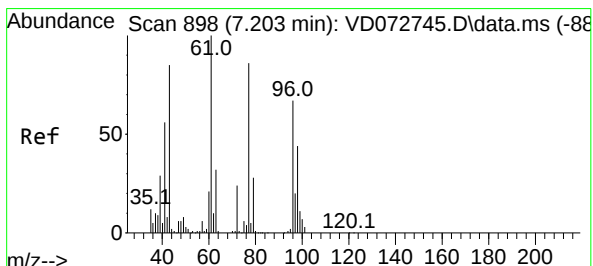
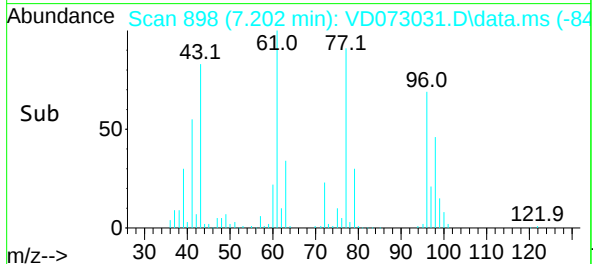
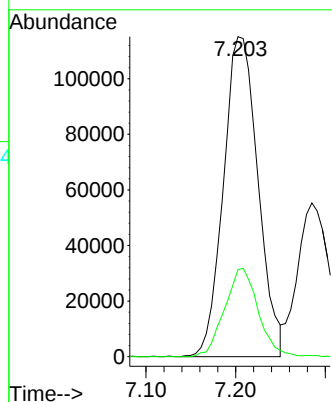
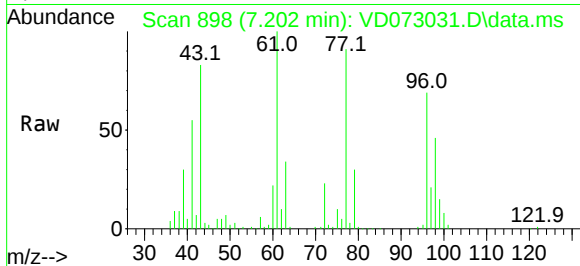




#25
2-Butanone
Concen: 251.847 ug/l
RT: 7.202 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

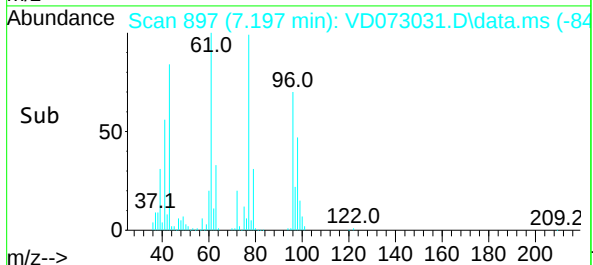
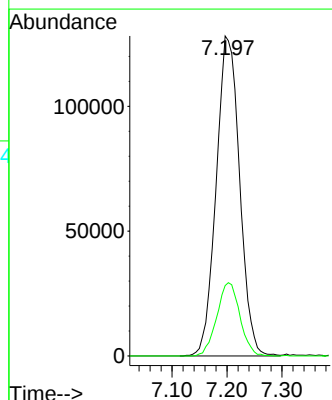
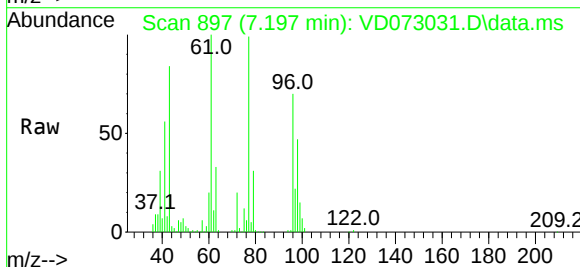
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

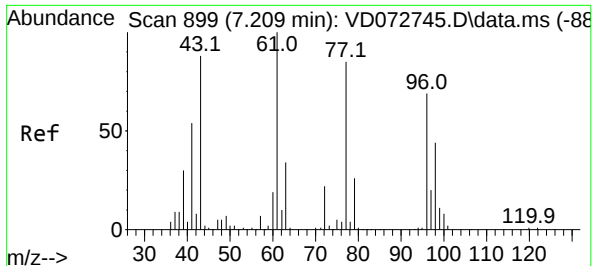
Tgt Ion: 43 Resp: 308230
Ion Ratio Lower Upper
43 100
72 27.2 18.6 27.8



#26
2,2-Dichloropropane
Concen: 53.933 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 77 Resp: 379607
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 50.291 ug/l

RT: 7.202 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

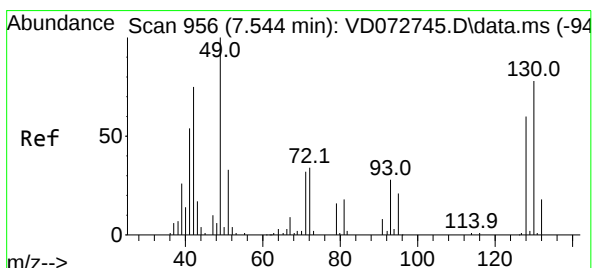
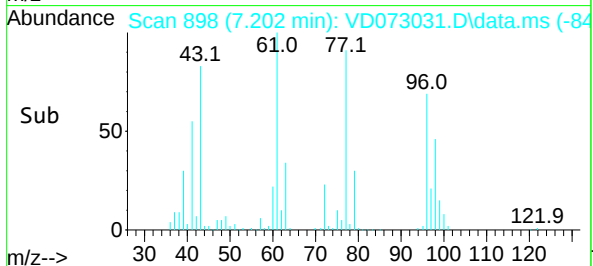
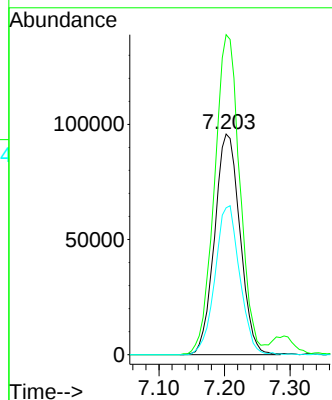
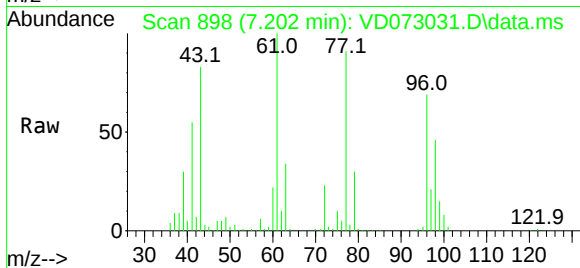
Tgt Ion: 96 Resp: 257759

Ion Ratio Lower Upper

96 100

61 145.6 0.0 313.8

98 65.5 0.0 128.8



#28

Bromochloromethane

Concen: 47.402 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

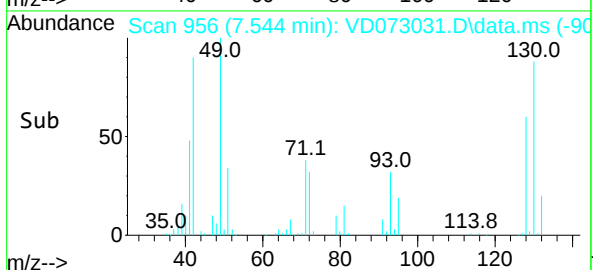
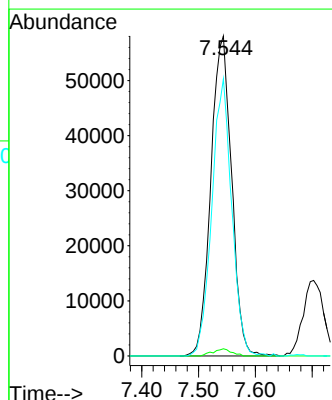
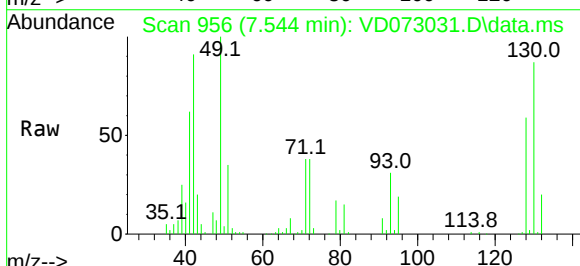
Tgt Ion: 49 Resp: 147173

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 83.0 52.6 79.0#





#29

Tetrahydrofuran

Concen: 249.316 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

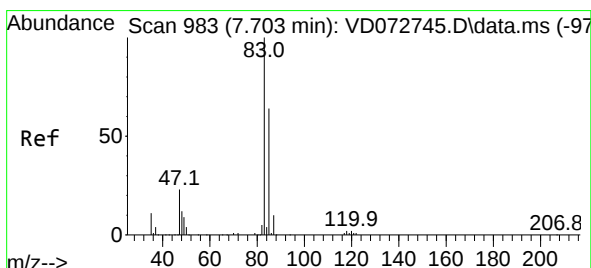
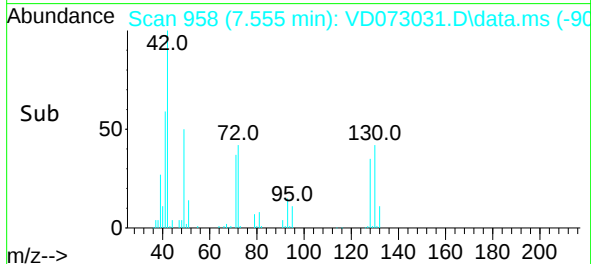
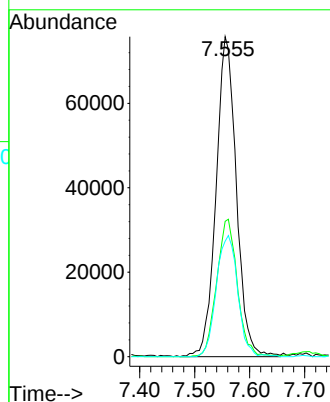
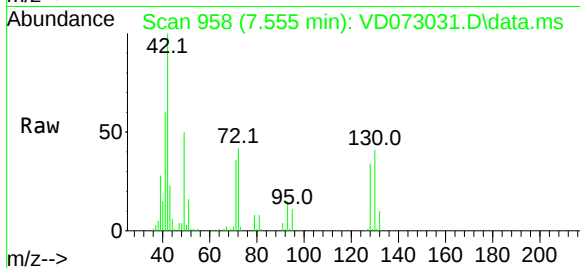
Tgt Ion: 42 Resp: 194493

Ion Ratio Lower Upper

42 100

72 43.7 30.7 46.1

71 39.6 28.6 43.0



#30

Chloroform

Concen: 50.008 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD073031.D

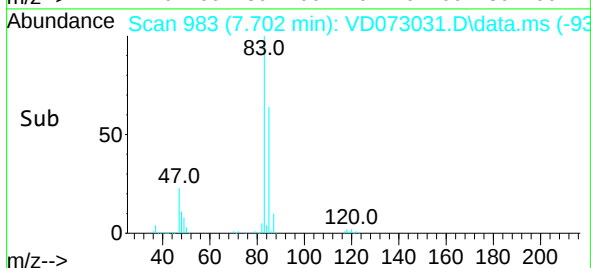
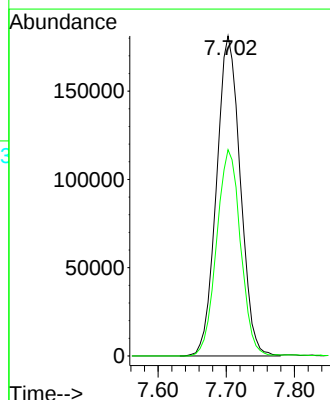
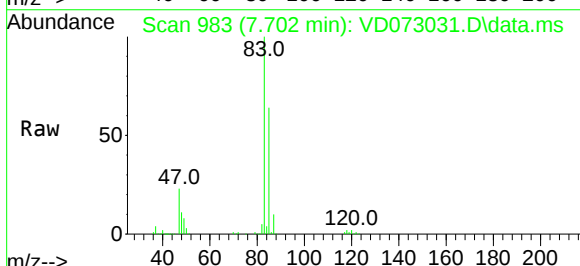
Acq: 16 May 2022 12:48

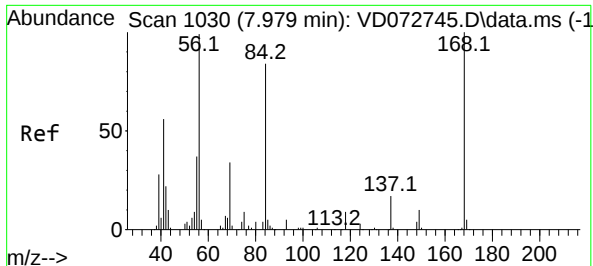
Tgt Ion: 83 Resp: 440548

Ion Ratio Lower Upper

83 100

85 64.4 52.7 79.1





#31

Cyclohexane

Concen: 50.486 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

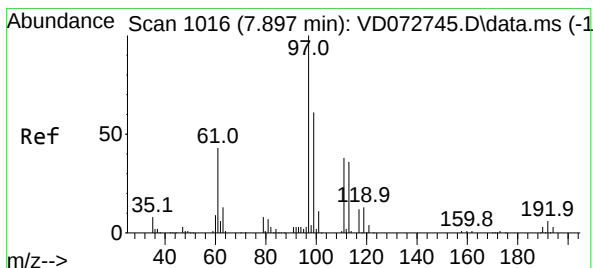
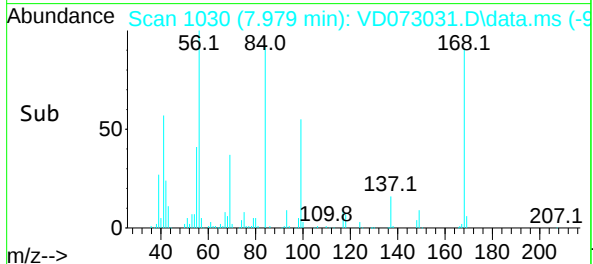
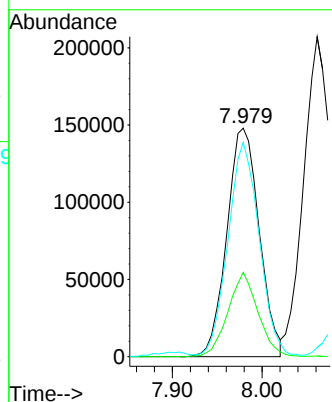
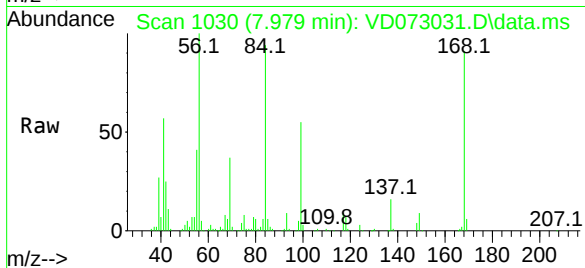
Tgt Ion: 56 Resp: 370705

Ion Ratio Lower Upper

56 100

69 36.9 25.4 38.2

84 91.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 54.019 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

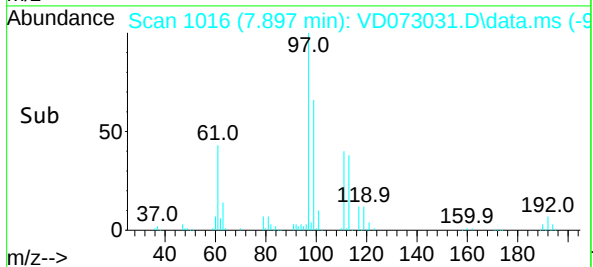
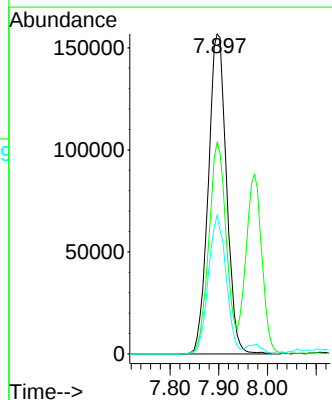
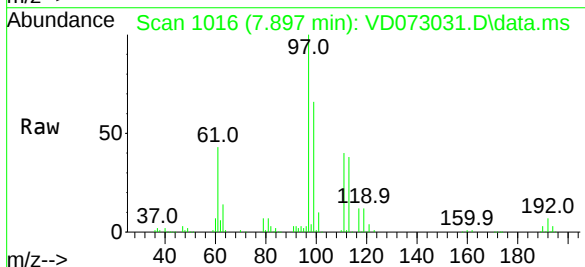
Tgt Ion: 97 Resp: 405581

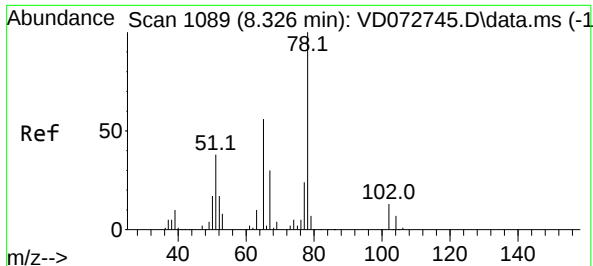
Ion Ratio Lower Upper

97 100

99 63.7 52.4 78.6

61 42.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 42.910 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

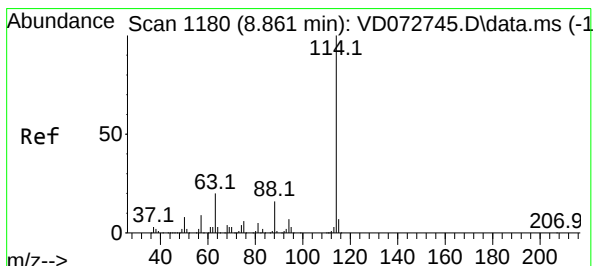
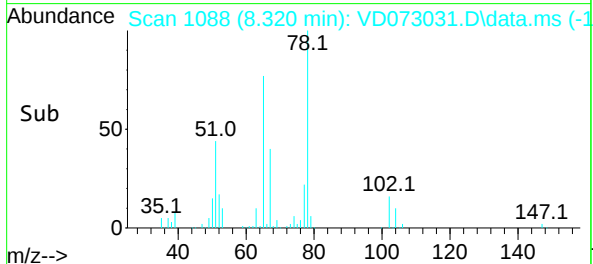
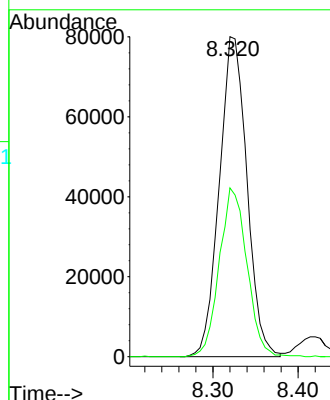
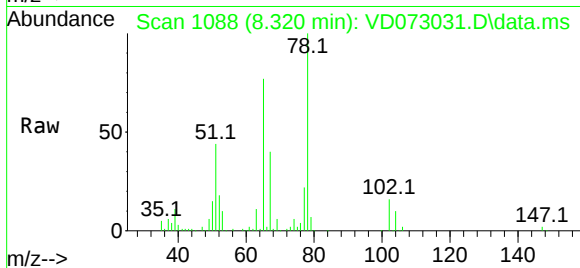
VSTDCCC050

Tgt Ion: 65 Resp: 180240

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

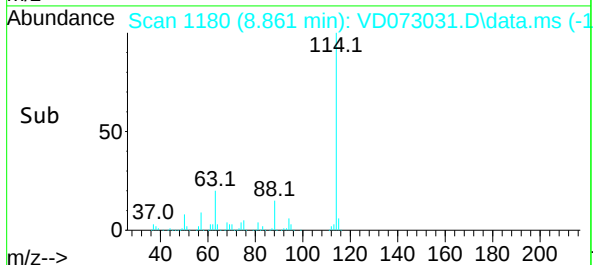
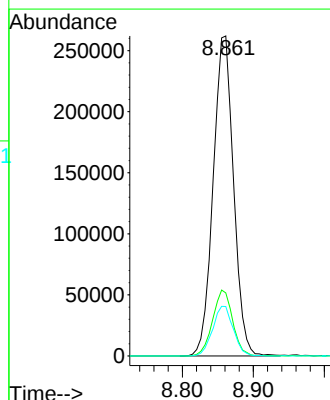
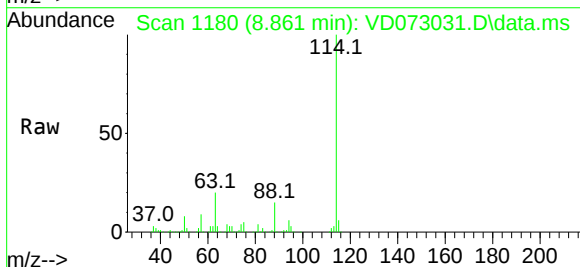
Tgt Ion: 114 Resp: 521703

Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.036 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

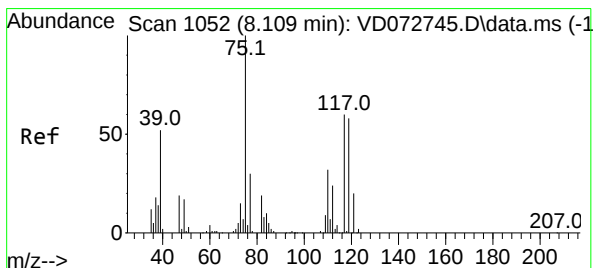
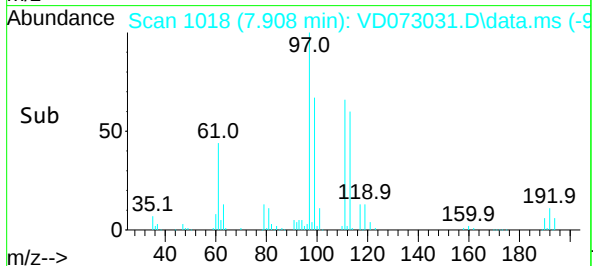
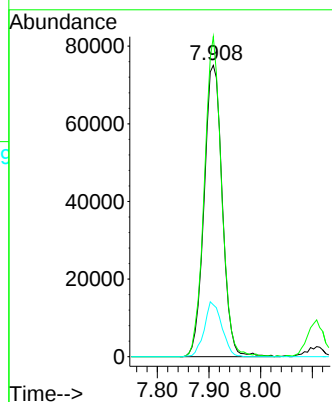
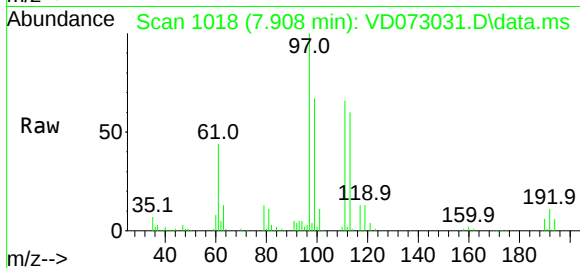
Tgt Ion:113 Resp: 183330

Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 56.727 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.001 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

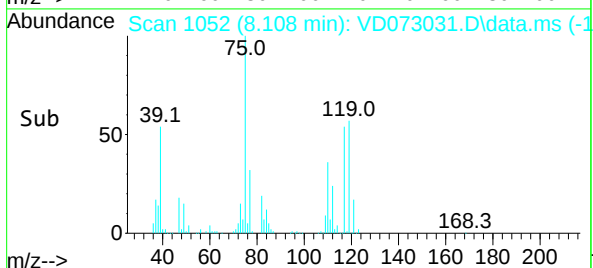
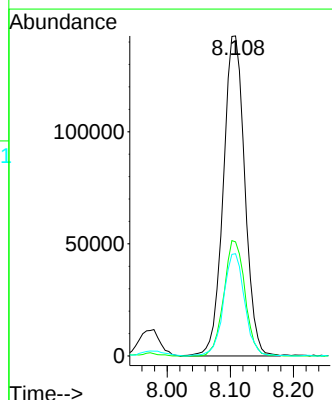
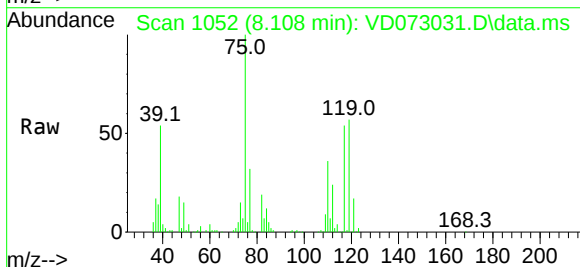
Tgt Ion: 75 Resp: 337963

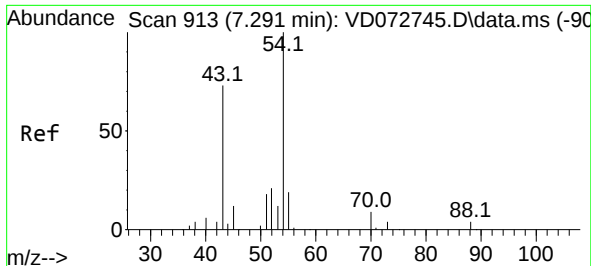
Ion Ratio Lower Upper

75 100

110 35.4 16.4 49.1

77 31.6 24.2 36.2

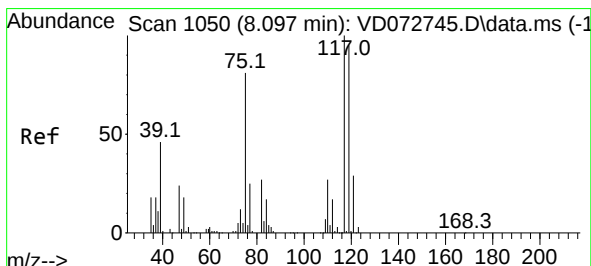
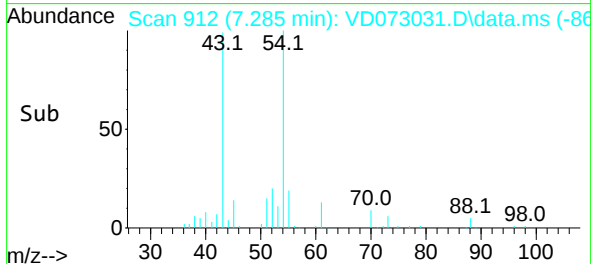
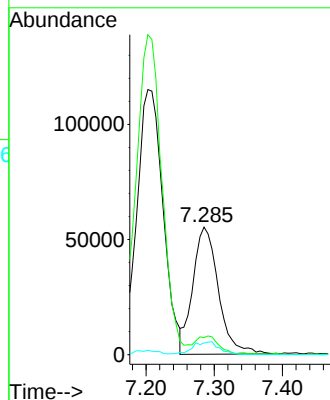
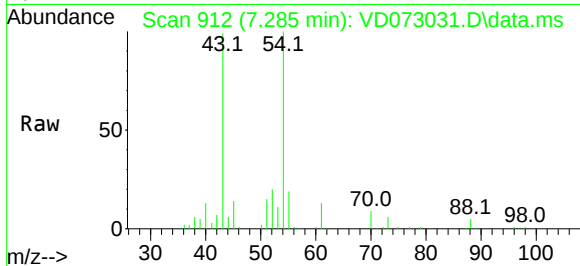




#37
Ethyl Acetate
Concen: 52.338 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

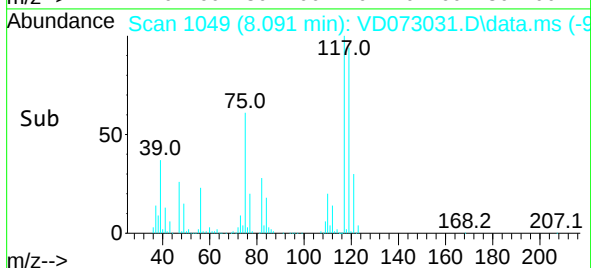
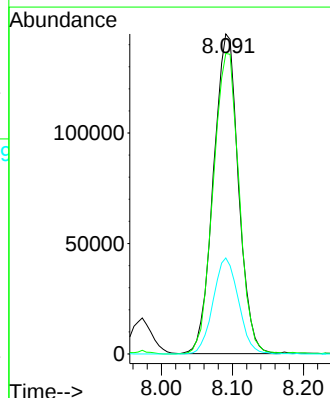
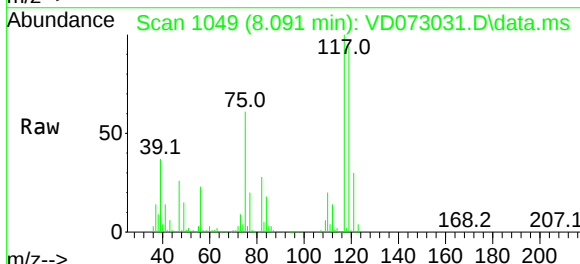
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

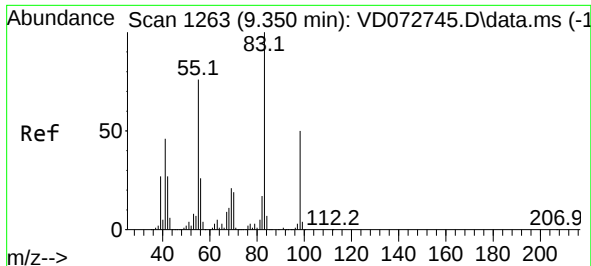
Tgt Ion: 43 Resp: 143342
Ion Ratio Lower Upper
43 100
61 11.6 9.8 14.8
70 10.6 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 57.229 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 117 Resp: 353928
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 57.860 ug/l

RT: 9.349 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

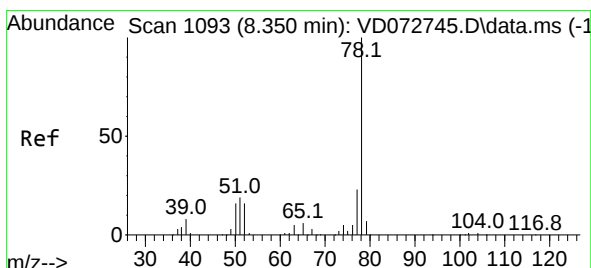
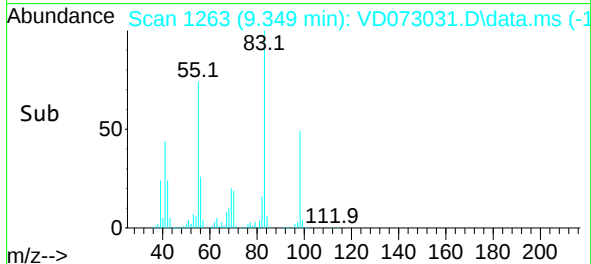
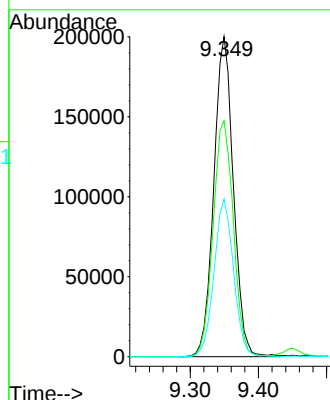
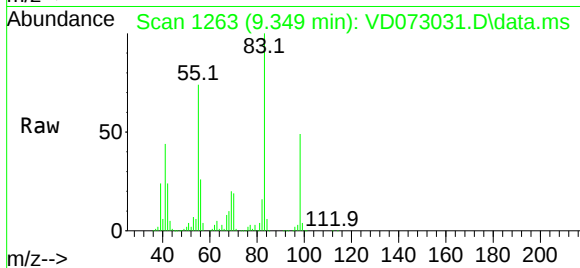
Tgt Ion: 83 Resp: 399840

Ion Ratio Lower Upper

83 100

55 73.7 63.2 94.8

98 49.2 38.2 57.4



#40

Benzene

Concen: 53.813 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD073031.D

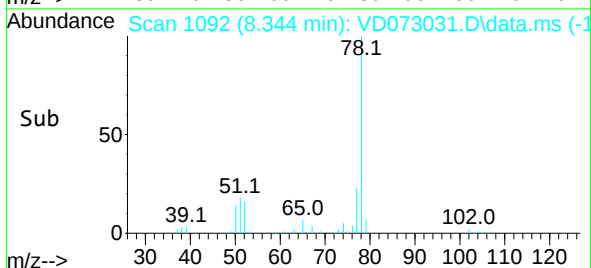
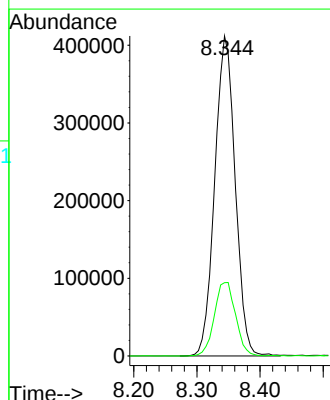
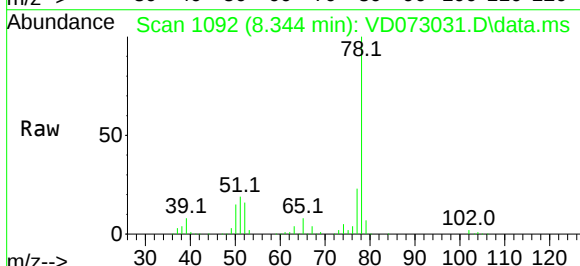
Acq: 16 May 2022 12:48

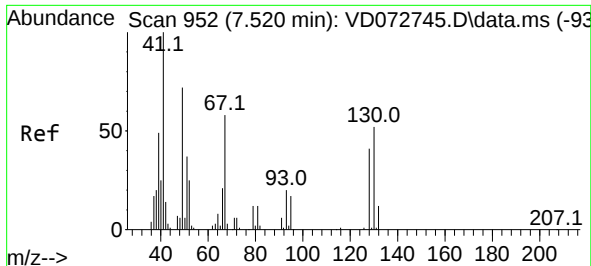
Tgt Ion: 78 Resp: 925850

Ion Ratio Lower Upper

78 100

77 22.9 19.1 28.7

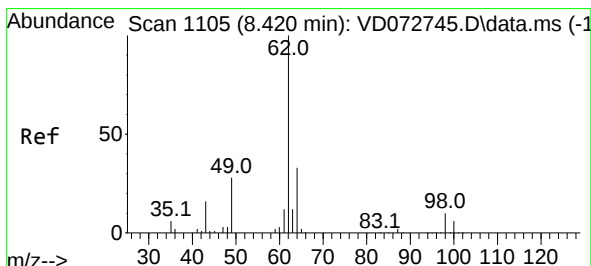
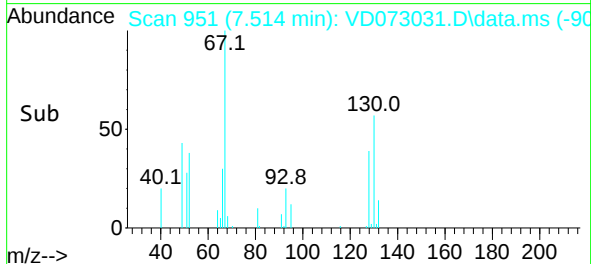
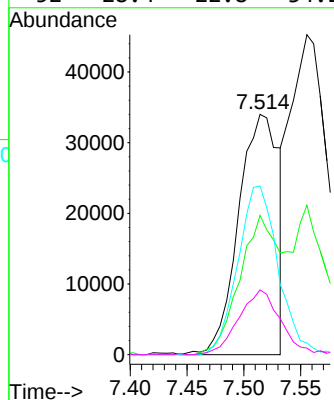
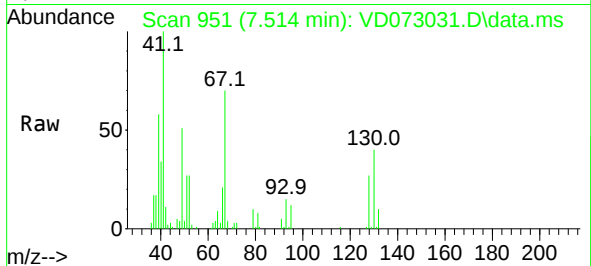




#41
Methacrylonitrile
Concen: 51.212 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

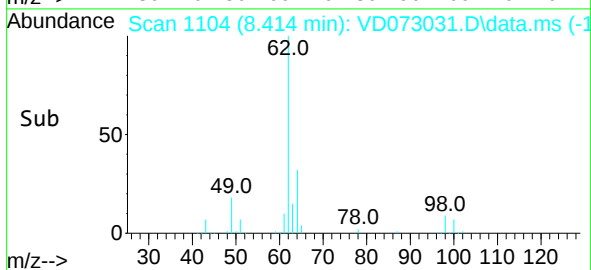
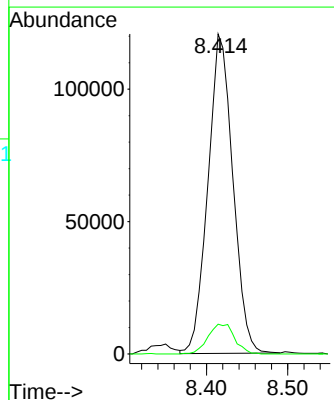
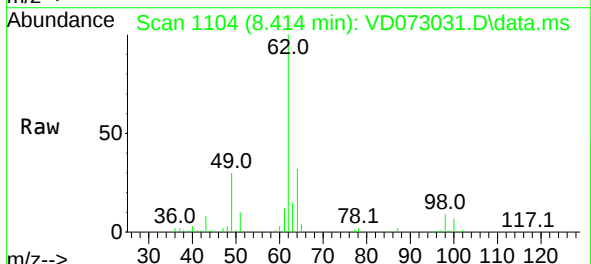
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

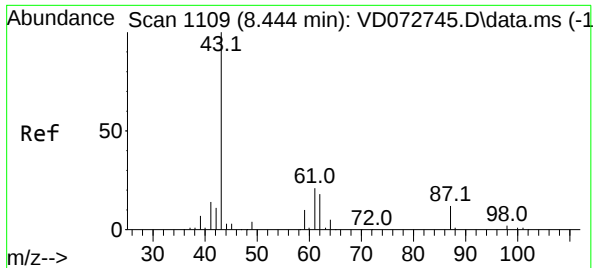
Tgt Ion: 41 Resp: 83515
Ion Ratio Lower Upper
41 100
39 54.2 44.6 67.0
67 71.0 48.2 72.4
52 28.4 22.8 34.2



#42
1,2-Dichloroethane
Concen: 49.667 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 62 Resp: 257505
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6

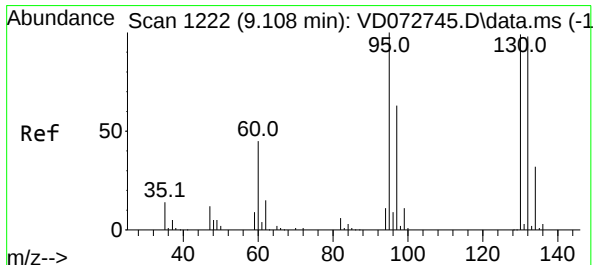
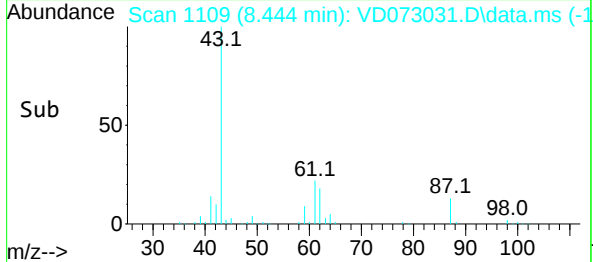
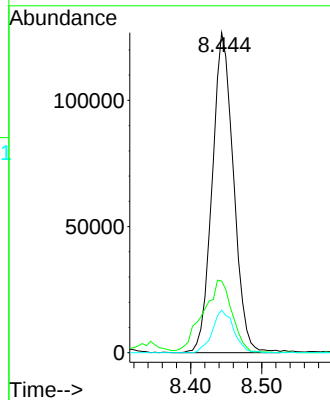
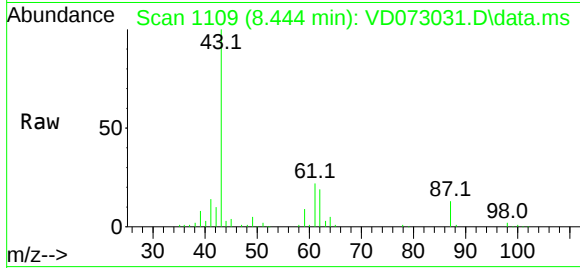




#43
Isopropyl Acetate
Concen: 52.259 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

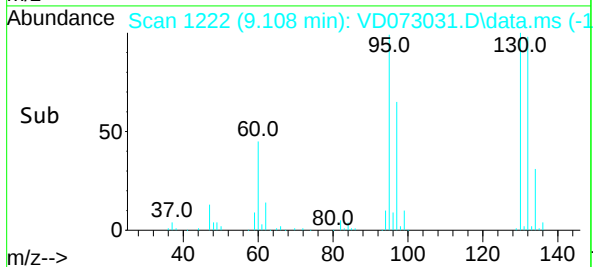
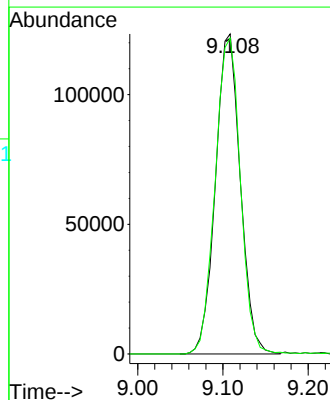
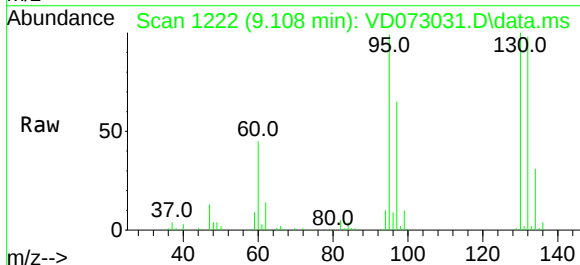
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

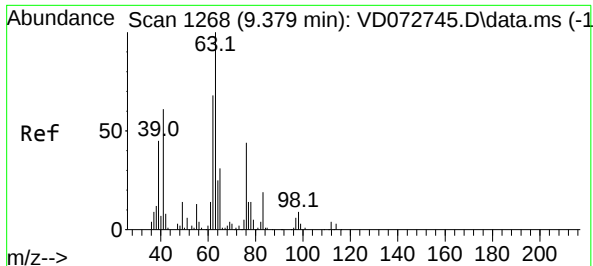
Tgt Ion: 43 Resp: 264169
Ion Ratio Lower Upper
43 100
61 31.4 22.4 33.6
87 13.2 8.7 13.1#



#44
Trichloroethene
Concen: 54.225 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion:130 Resp: 249590
Ion Ratio Lower Upper
130 100
95 98.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.923 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

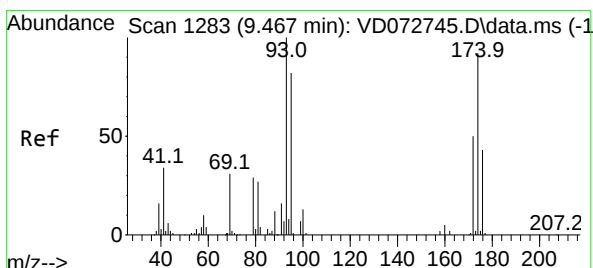
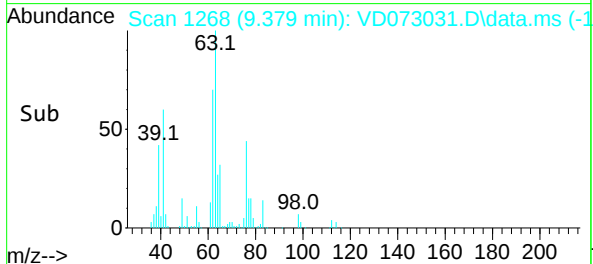
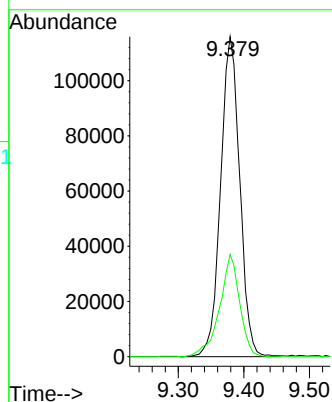
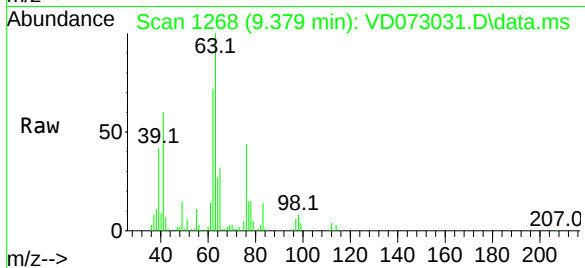
VSTDCCC050

Tgt Ion: 63 Resp: 234606

Ion Ratio Lower Upper

63 100

65 32.0 26.2 39.4



#46

Dibromomethane

Concen: 49.727 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

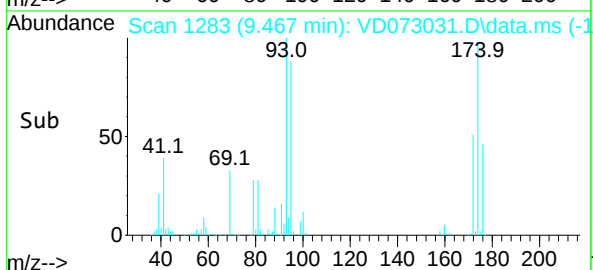
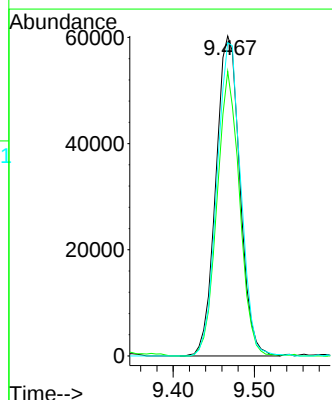
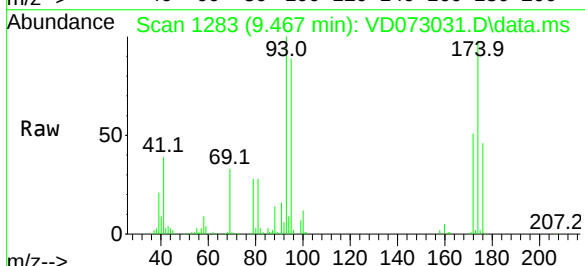
Tgt Ion: 93 Resp: 123941

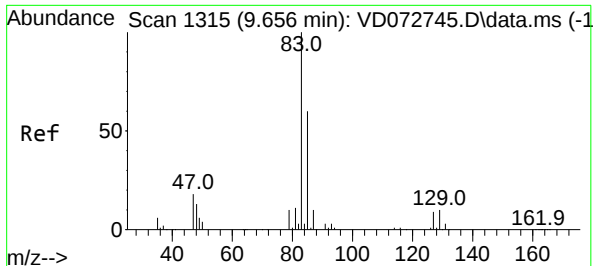
Ion Ratio Lower Upper

93 100

95 83.5 66.7 100.1

174 97.1 71.6 107.4

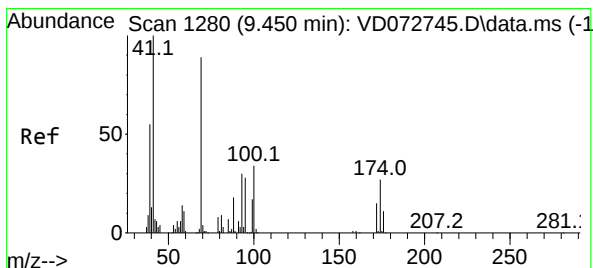
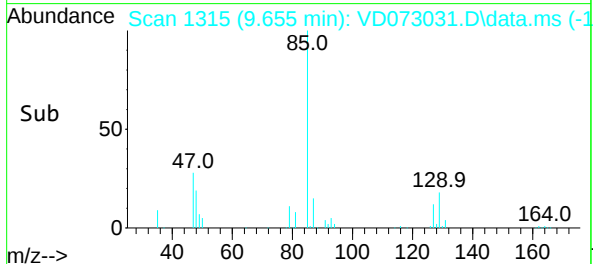
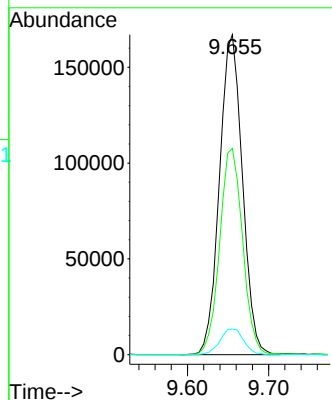
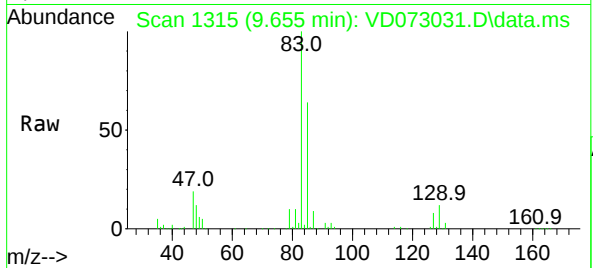




#47
Bromodichloromethane
Concen: 51.196 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

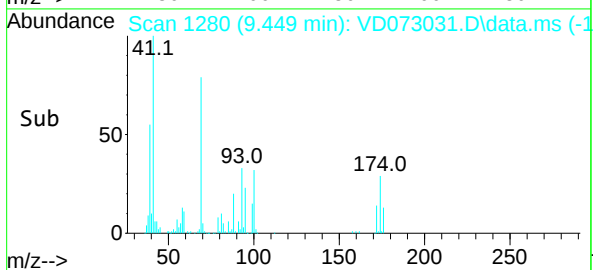
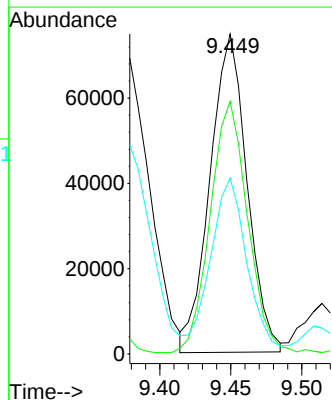
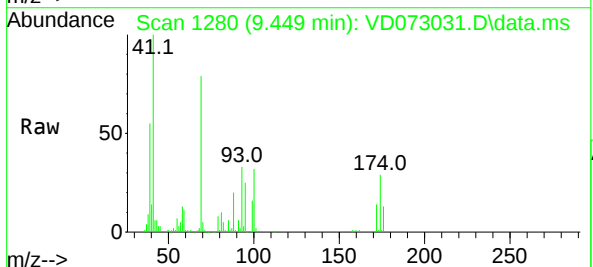
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

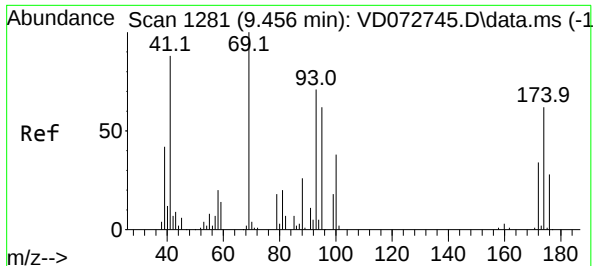
Tgt Ion: 83 Resp: 328259
Ion Ratio Lower Upper
83 100
85 64.5 51.4 77.0
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 54.588 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 41 Resp: 134996
Ion Ratio Lower Upper
41 100
69 80.8 56.7 85.1
39 55.5 42.7 64.1





#49

1,4-Dioxane

Concen: 1100.237 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.007 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

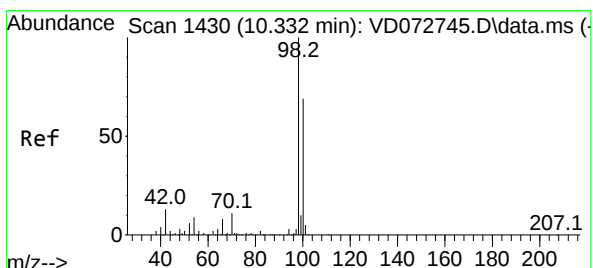
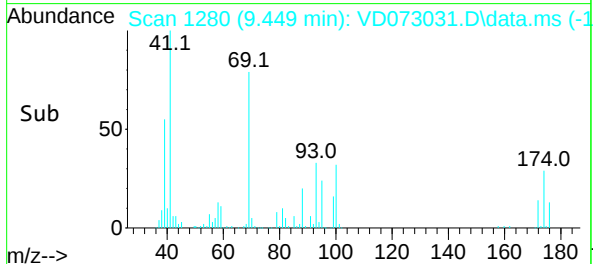
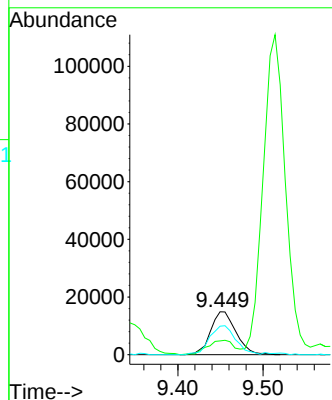
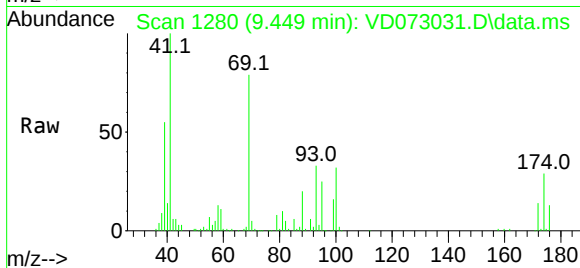
Tgt Ion: 88 Resp: 30880

Ion Ratio Lower Upper

88 100

43 35.4 31.0 46.4

58 69.3 58.1 87.1



#50

Toluene-d8

Concen: 51.940 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073031.D

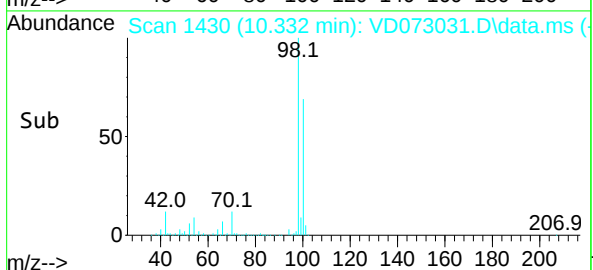
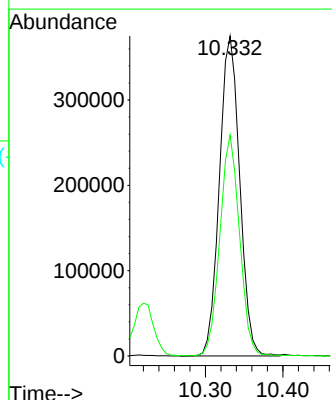
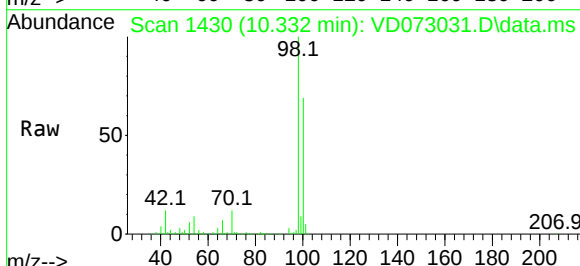
Acq: 16 May 2022 12:48

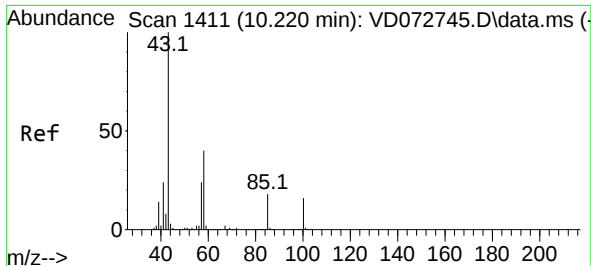
Tgt Ion: 98 Resp: 682644

Ion Ratio Lower Upper

98 100

100 66.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 269.482 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

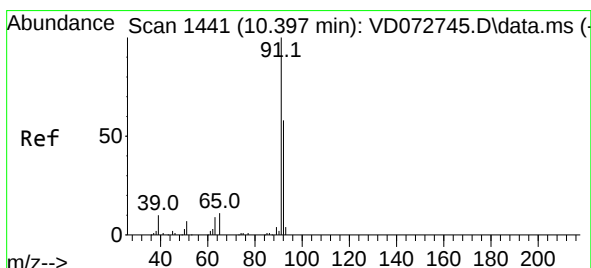
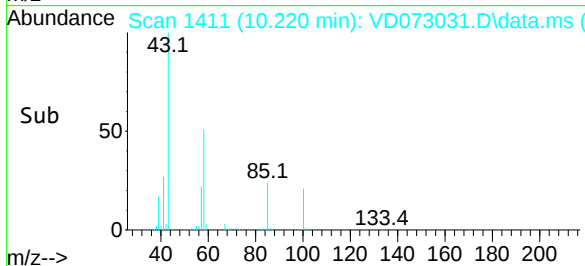
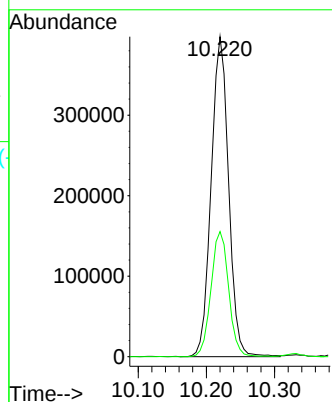
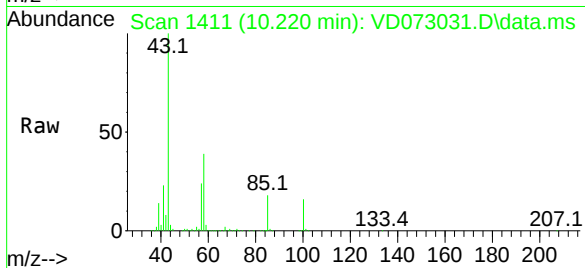
VSTDCCC050

Tgt Ion: 43 Resp: 707865

Ion Ratio Lower Upper

43 100

58 39.6 28.6 43.0



#52

Toluene

Concen: 56.144 ug/l

RT: 10.396 min Scan# 1441

Delta R.T. -0.001 min

Lab File: VD073031.D

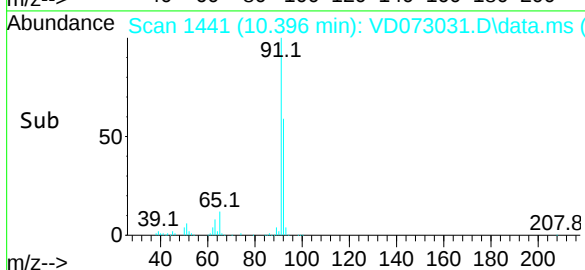
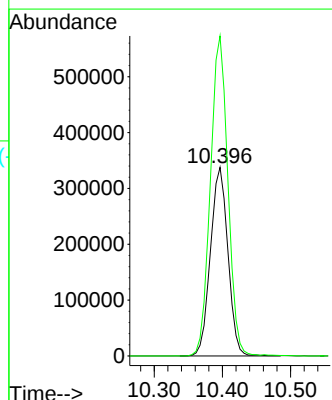
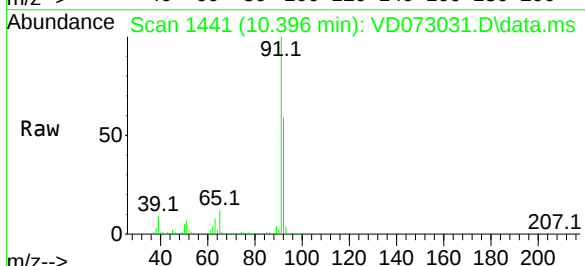
Acq: 16 May 2022 12:48

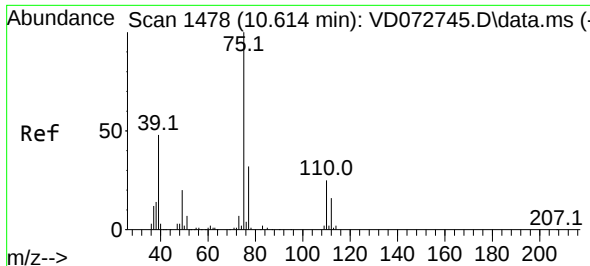
Tgt Ion: 92 Resp: 602564

Ion Ratio Lower Upper

92 100

91 169.4 139.6 209.4

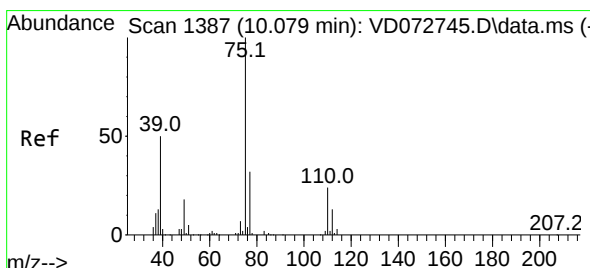
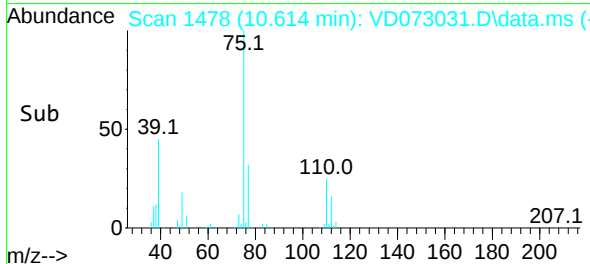
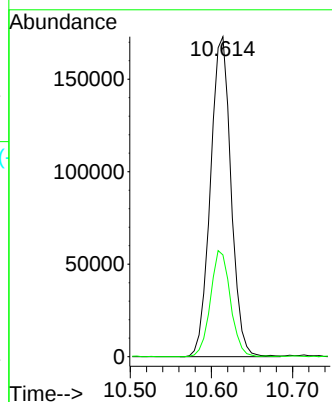
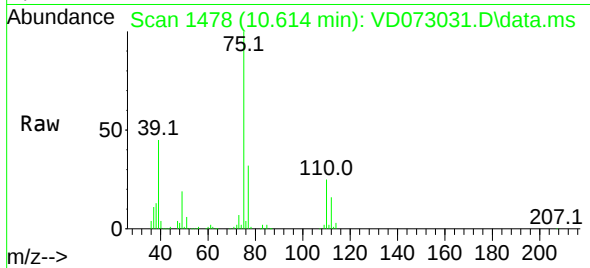




#53
t-1,3-Dichloropropene
Concen: 51.695 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

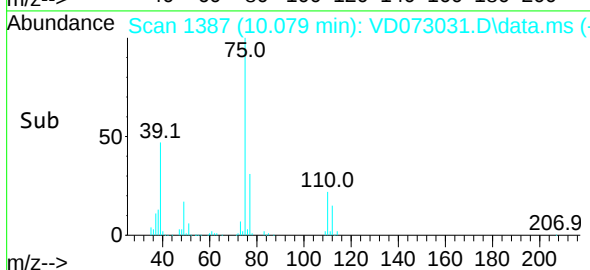
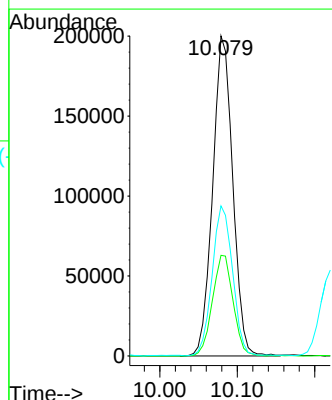
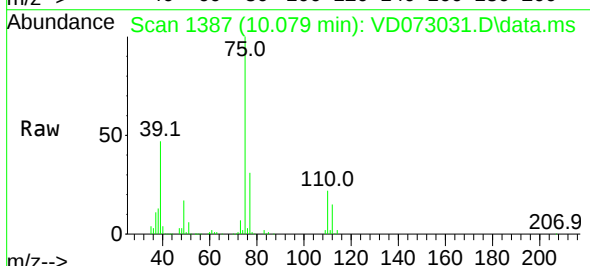
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

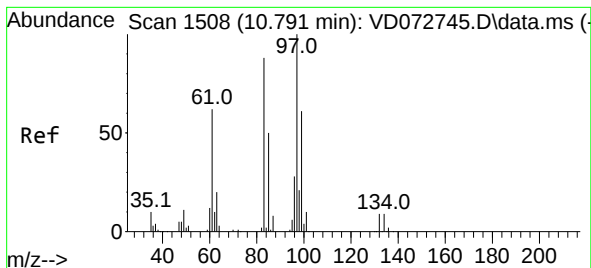
Tgt Ion: 75 Resp: 304453
Ion Ratio Lower Upper
75 100
77 31.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.668 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 75 Resp: 360373
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 46.7 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 52.320 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 176285

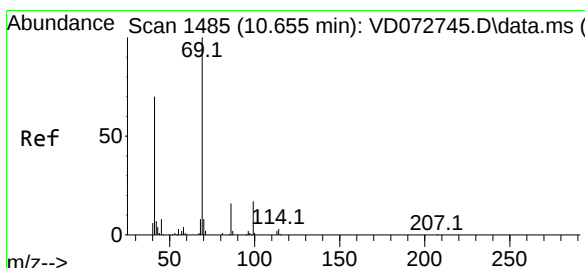
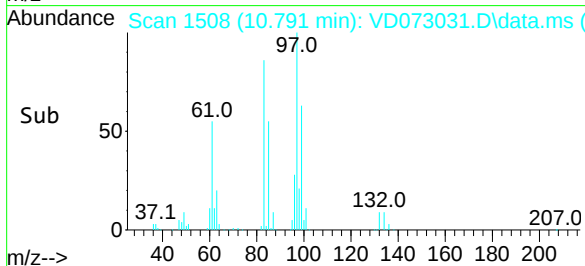
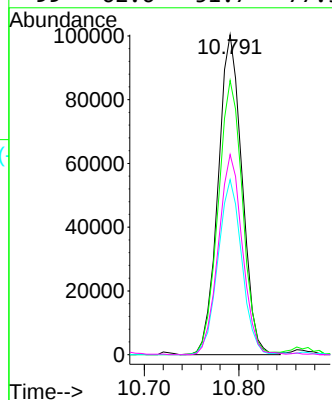
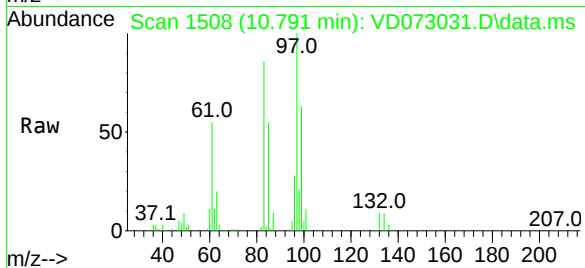
Ion Ratio Lower Upper

97 100

83 85.7 69.0 103.4

85 54.7 42.6 63.8

99 62.6 51.7 77.5



#56

Ethyl methacrylate

Concen: 55.868 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

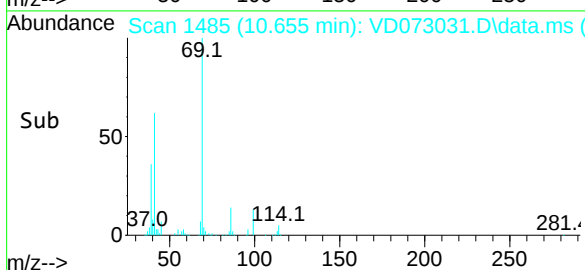
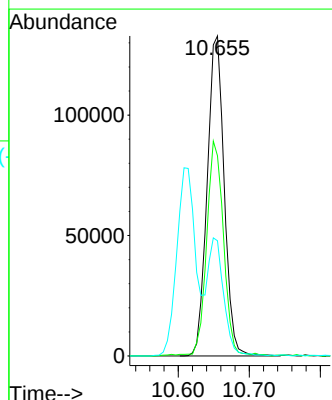
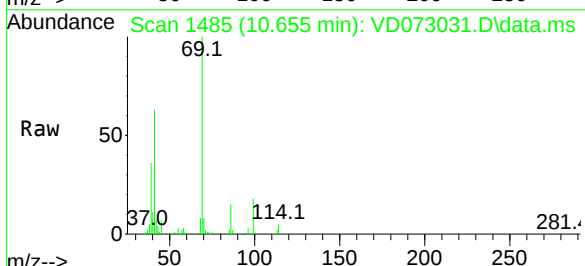
Tgt Ion: 69 Resp: 221635

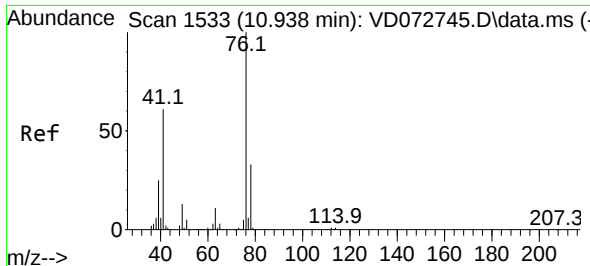
Ion Ratio Lower Upper

69 100

41 66.6 63.0 94.6

39 36.3 33.8 50.8

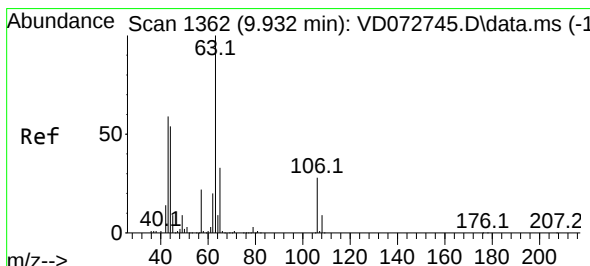
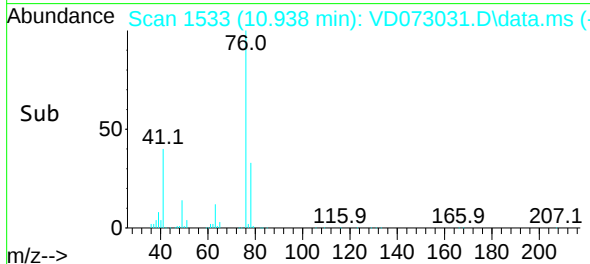
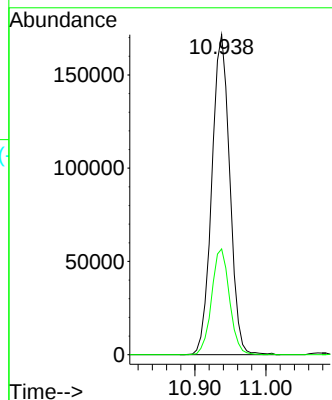
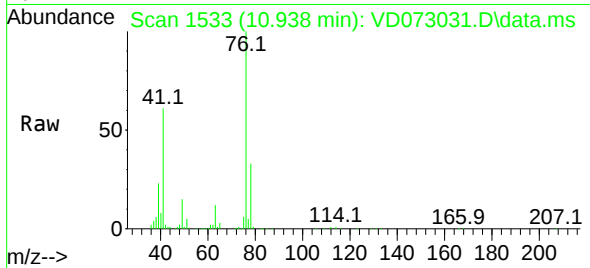




#57
1,3-Dichloropropane
Concen: 51.978 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

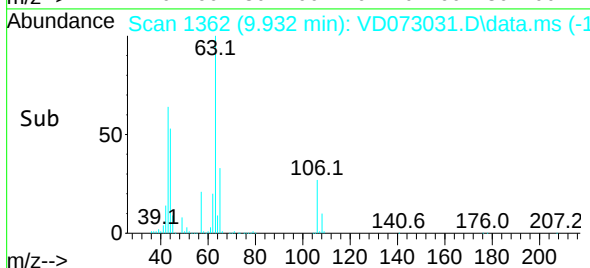
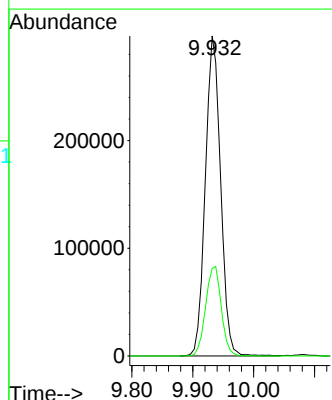
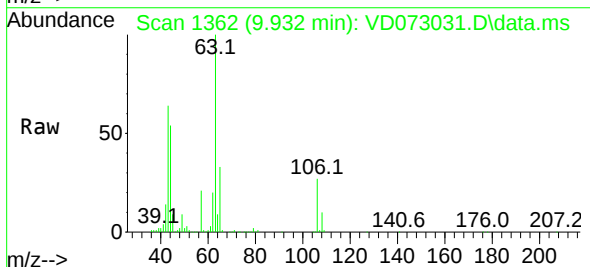
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050

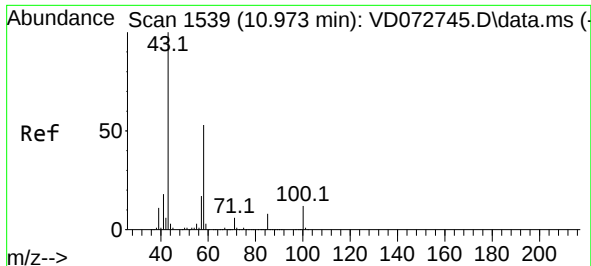
Tgt Ion: 76 Resp: 300539
Ion Ratio Lower Upper
76 100
78 32.9 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 268.763 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 63 Resp: 516944
Ion Ratio Lower Upper
63 100
106 28.6 21.4 32.0

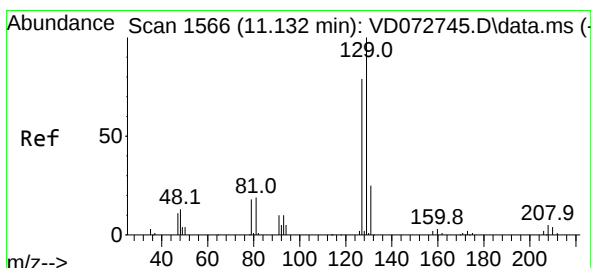
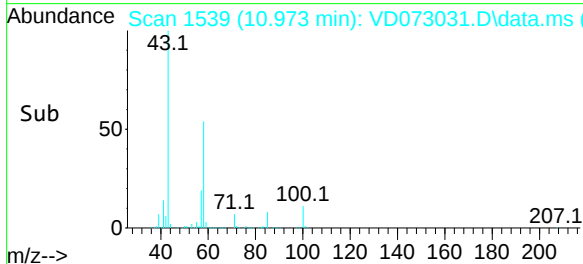
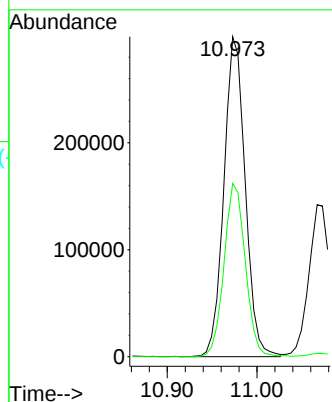
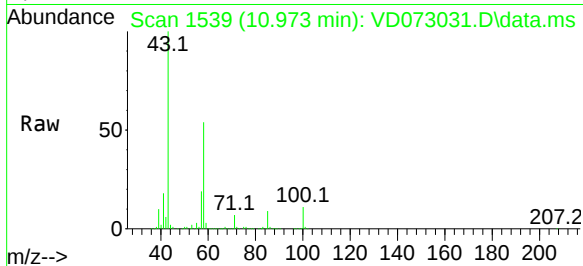




#59
2-Hexanone
Concen: 279.106 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

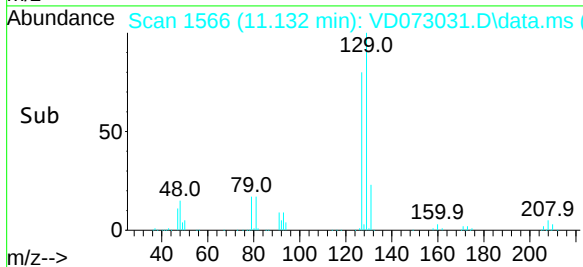
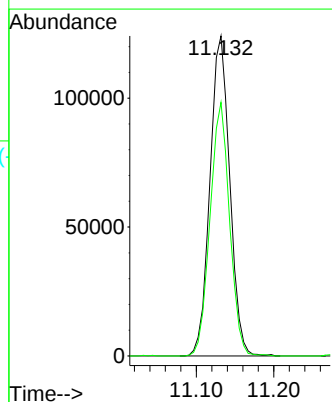
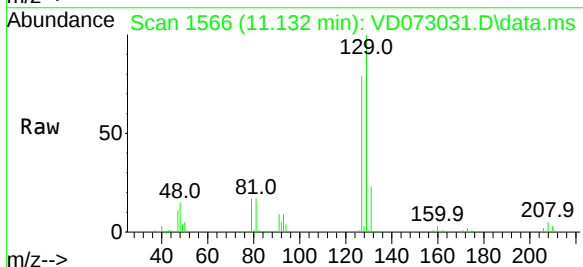
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

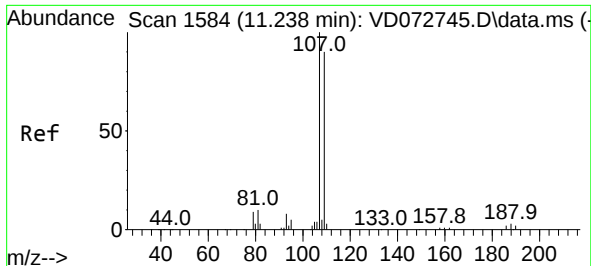
Tgt Ion: 43 Resp: 493323
Ion Ratio Lower Upper
43 100
58 54.1 25.3 75.9



#60
Dibromochloromethane
Concen: 51.924 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion:129 Resp: 220241
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

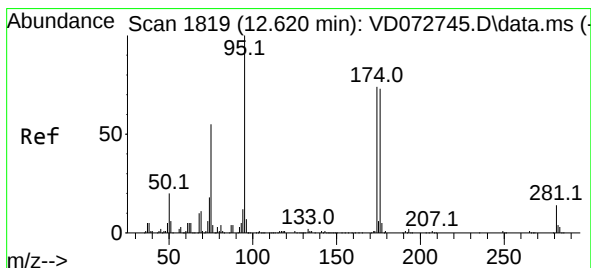
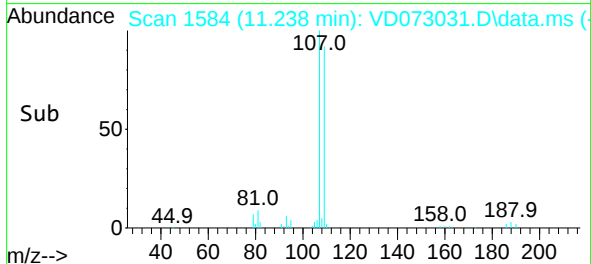
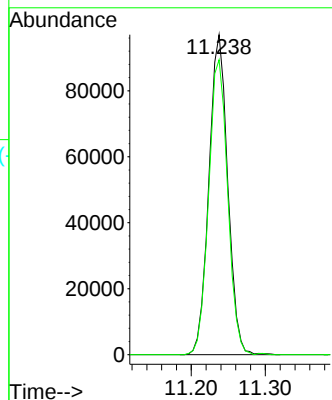
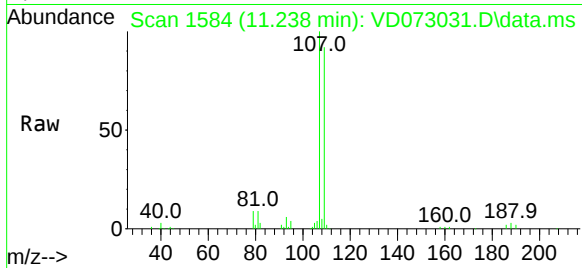




#61
1,2-Dibromoethane
Concen: 52.221 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

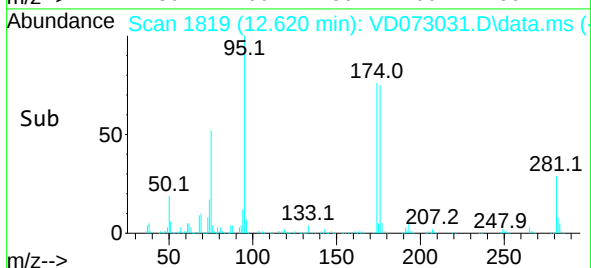
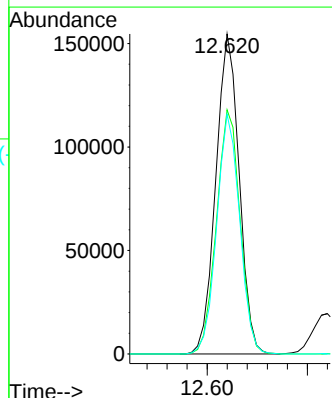
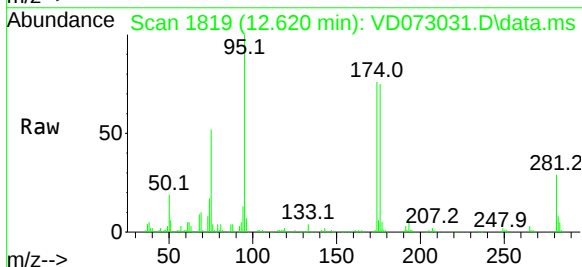
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

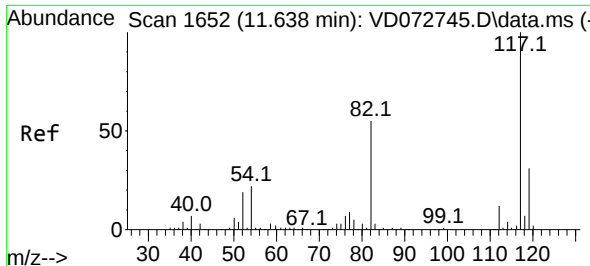
Tgt Ion:107 Resp: 171261
Ion Ratio Lower Upper
107 100
109 93.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.889 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 95 Resp: 249393
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 73.8 0.0 145.4

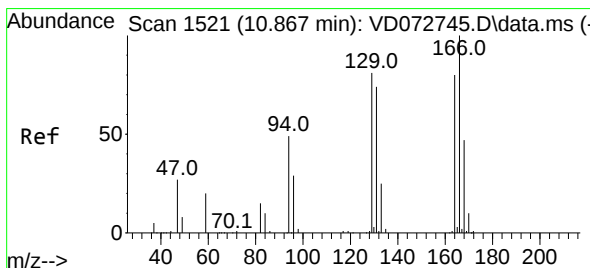
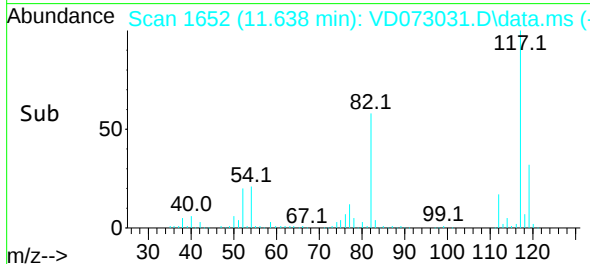
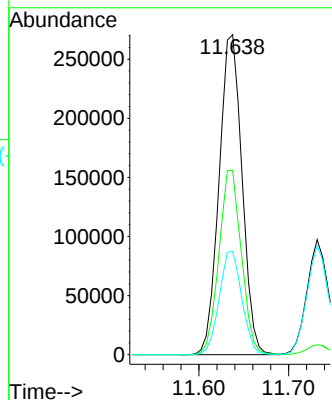
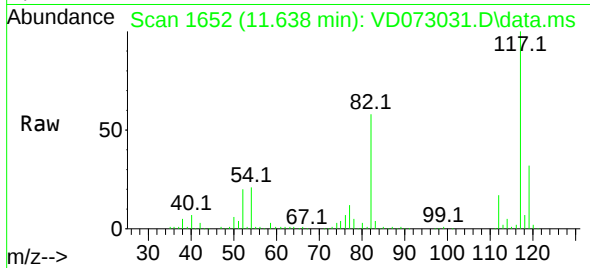




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

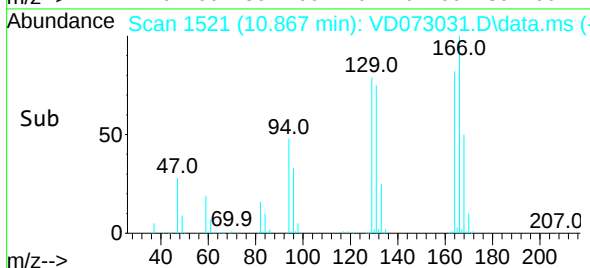
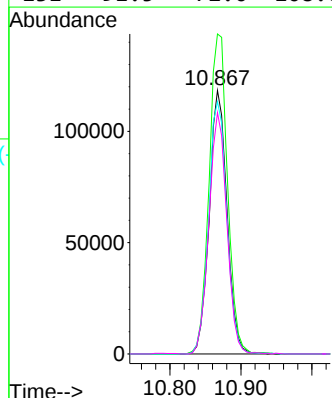
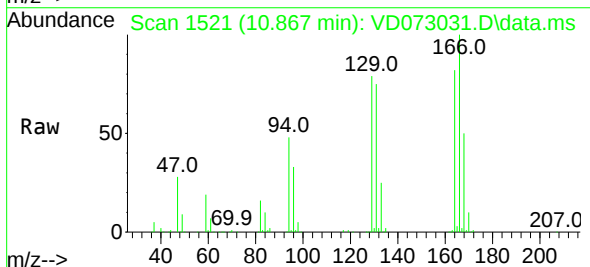
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

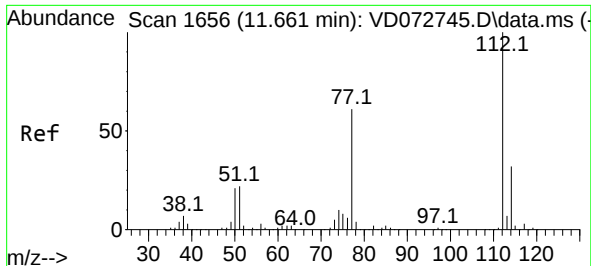
Tgt Ion:117 Resp: 481384
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 58.482 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion:164 Resp: 205827
Ion Ratio Lower Upper
164 100
166 121.4 98.5 147.7
129 95.7 74.6 111.8
131 91.5 72.0 108.0

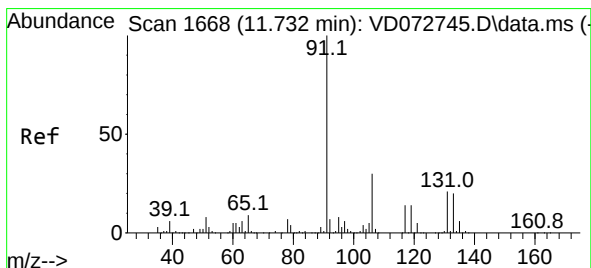
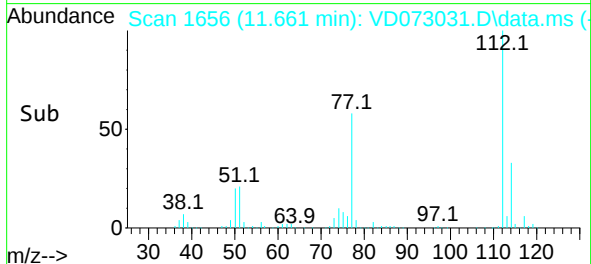
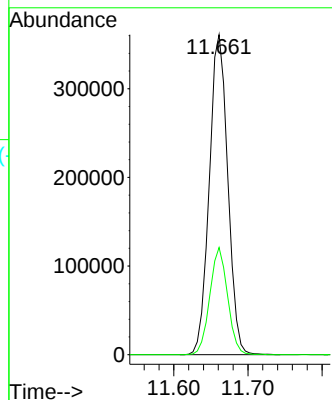
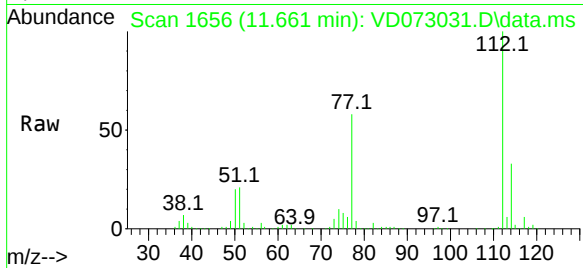




#65
Chlorobenzene
Concen: 56.125 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

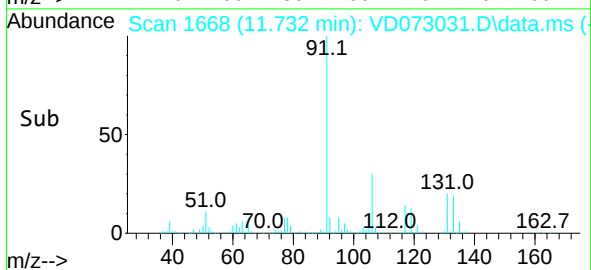
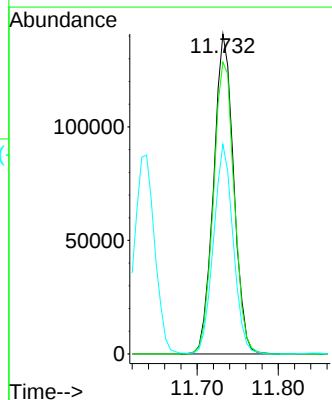
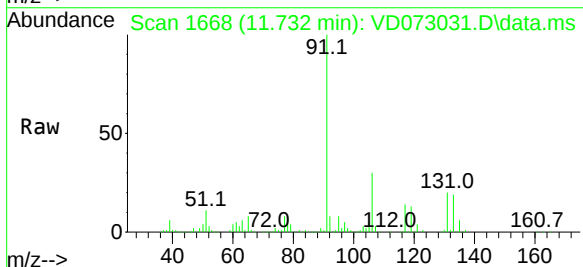
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

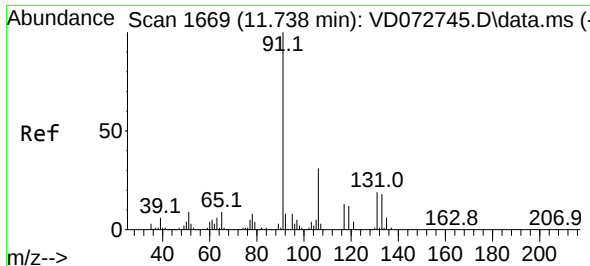
Tgt Ion:112 Resp: 624901
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 57.855 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion:131 Resp: 242086
Ion Ratio Lower Upper
131 100
133 94.3 48.1 144.3
119 64.0 31.9 95.9

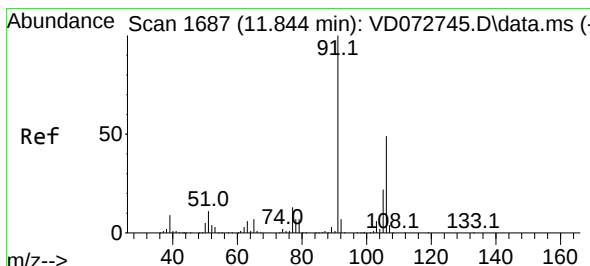
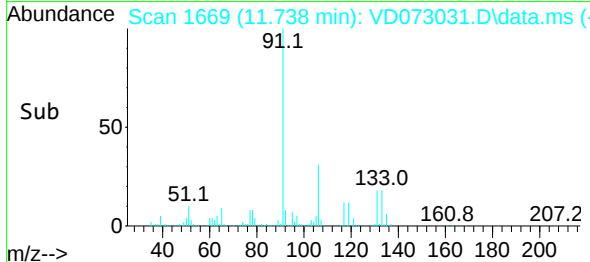
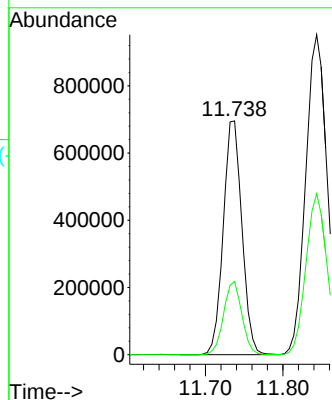
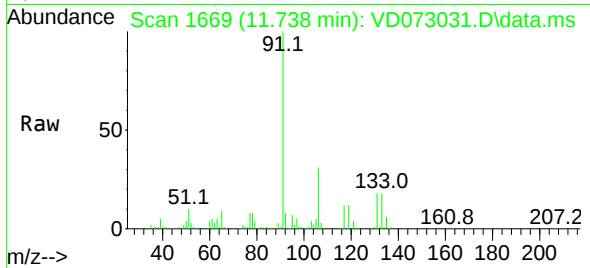




#67
Ethyl Benzene
Concen: 60.610 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

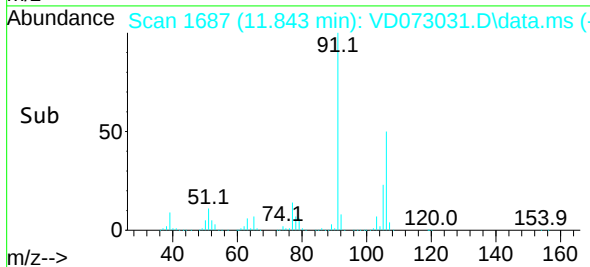
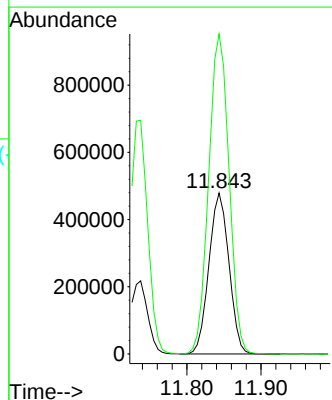
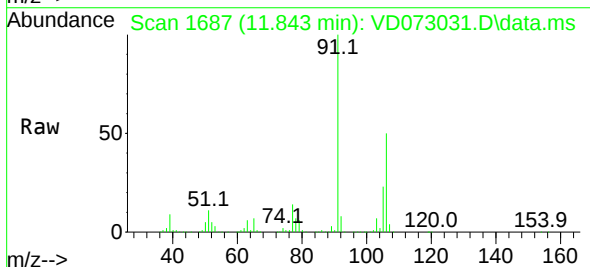
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

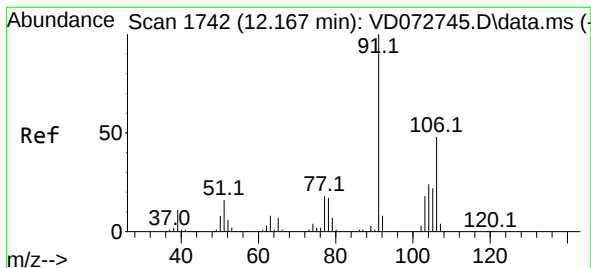
Tgt Ion: 91 Resp: 1167888
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 121.078 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion:106 Resp: 898694
Ion Ratio Lower Upper
106 100
91 202.0 163.7 245.5





#69

o-Xylene

Concen: 60.441 ug/l

RT: 12.173 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

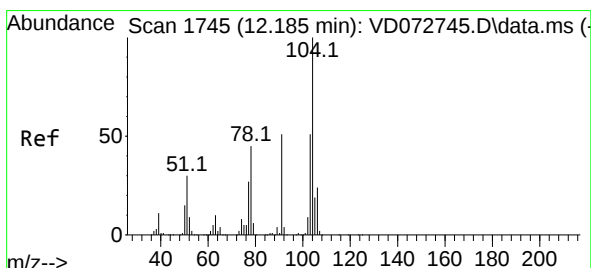
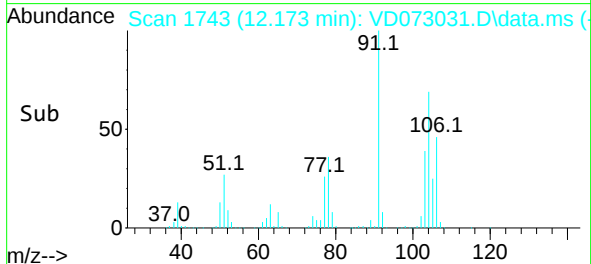
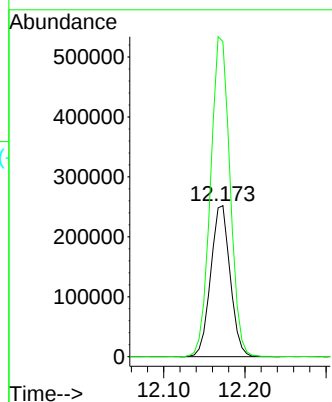
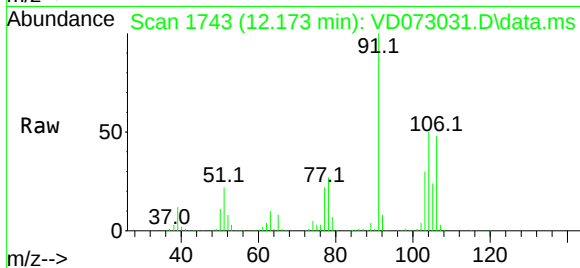
VSTDCCC050

Tgt Ion:106 Resp: 418981

Ion Ratio Lower Upper

106 100

91 213.0 110.4 331.2



#70

Styrene

Concen: 59.944 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

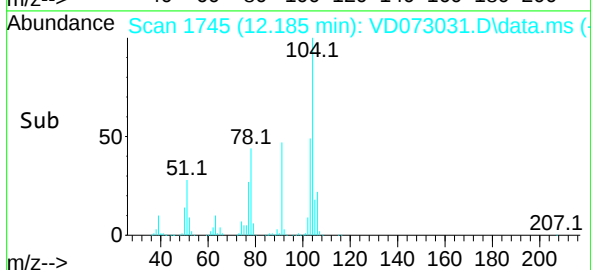
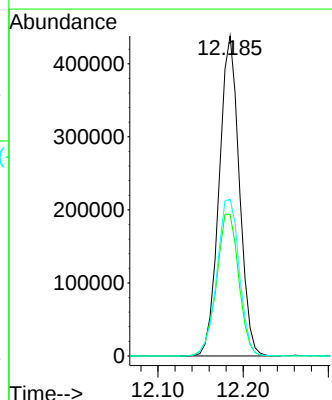
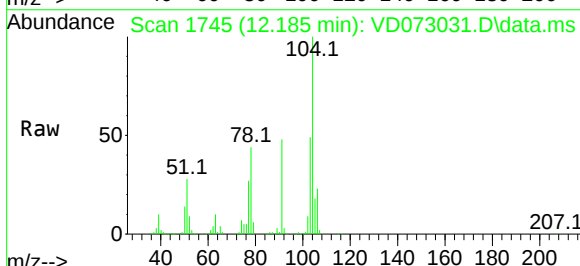
Tgt Ion:104 Resp: 719950

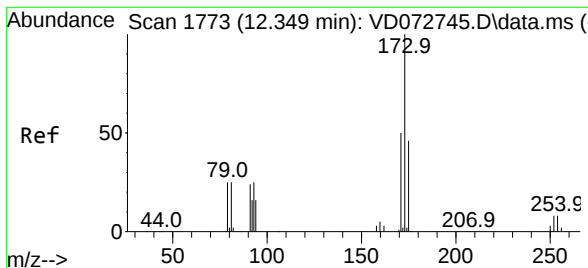
Ion Ratio Lower Upper

104 100

78 49.1 41.8 62.8

103 54.3 44.2 66.4





#71

Bromoform

Concen: 56.075 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

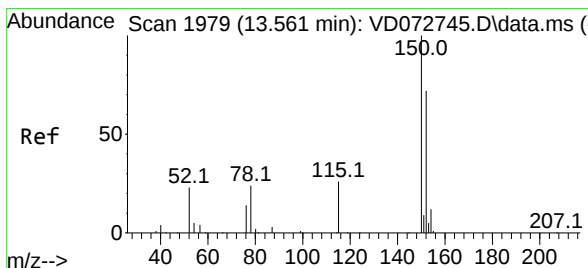
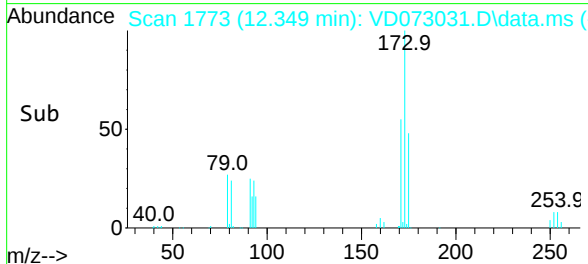
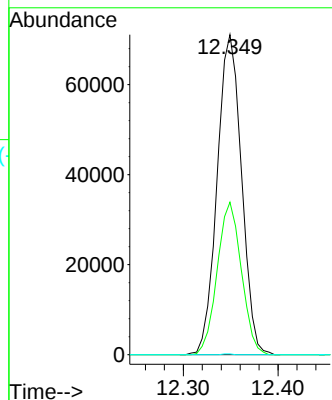
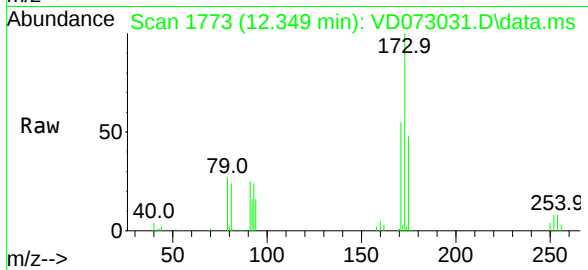
Tgt Ion:173 Resp: 127165

Ion Ratio Lower Upper

173 100

175 47.2 23.9 71.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

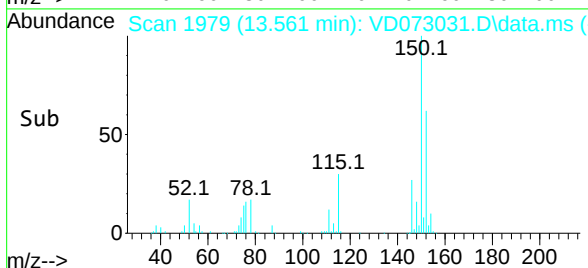
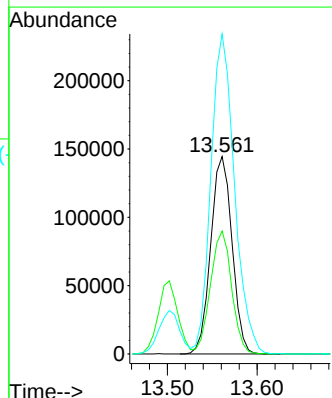
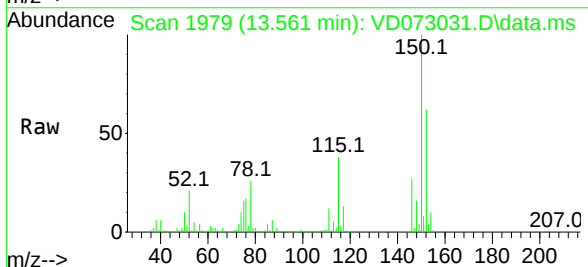
Tgt Ion:152 Resp: 238526

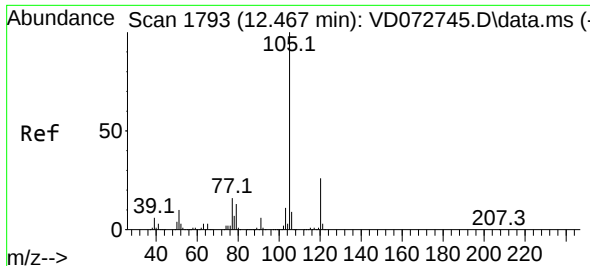
Ion Ratio Lower Upper

152 100

115 62.0 31.3 93.8

150 179.3 0.0 348.6

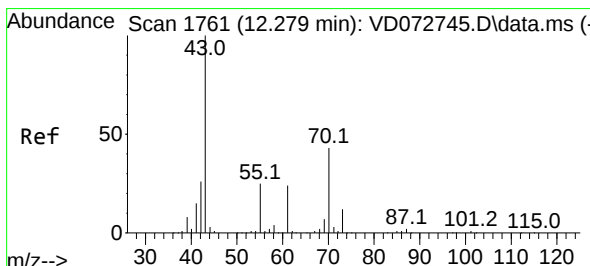
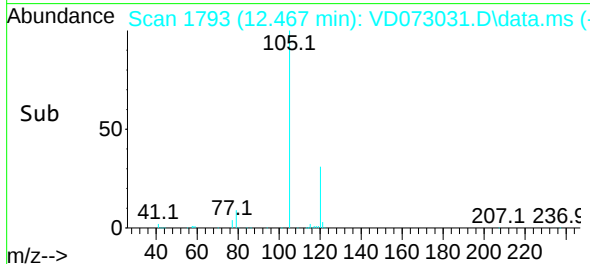
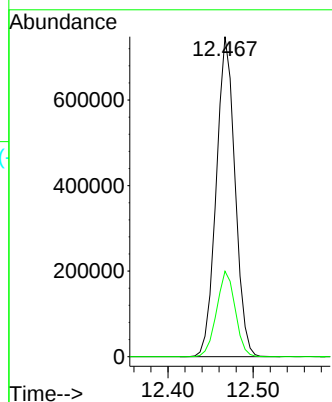
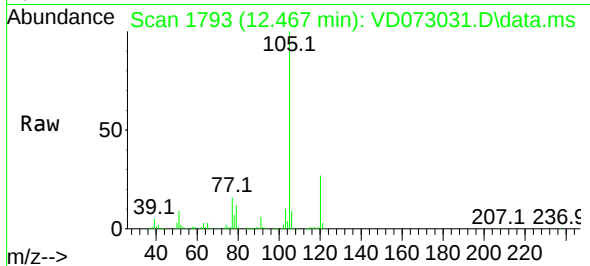




#73
Isopropylbenzene
Concen: 61.624 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

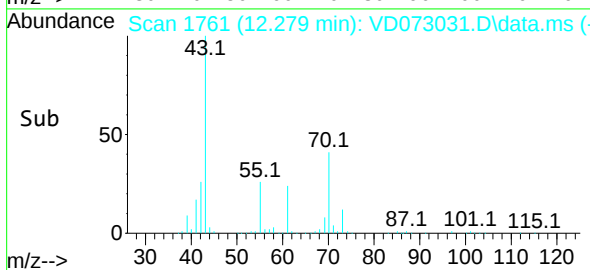
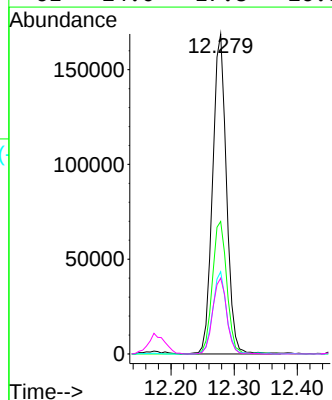
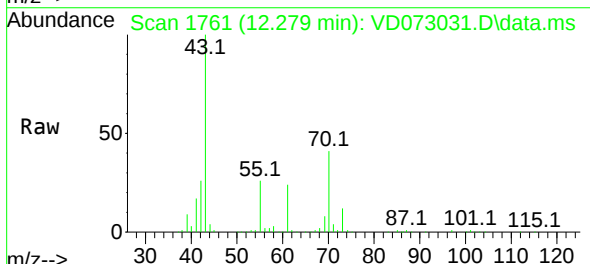
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

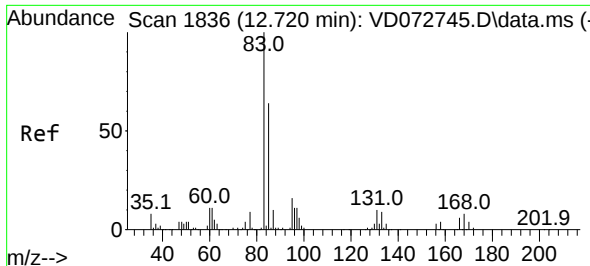
Tgt Ion:105 Resp: 1143622
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 55.797 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 43 Resp: 257866
Ion Ratio Lower Upper
43 100
70 42.9 31.3 46.9
55 25.3 20.0 30.0
61 24.0 17.8 26.8

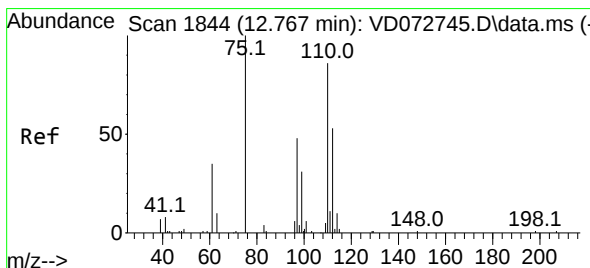
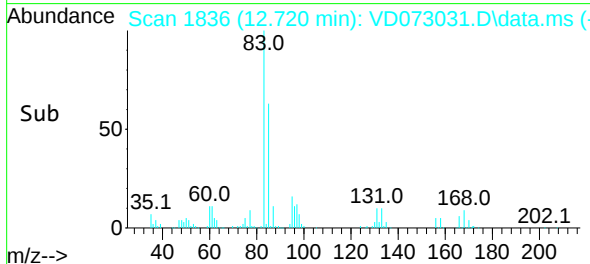
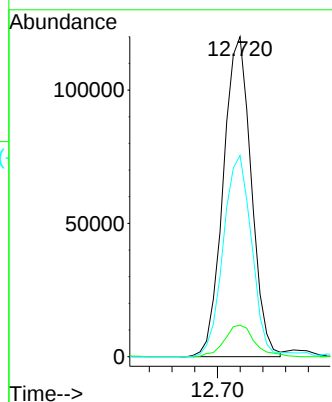
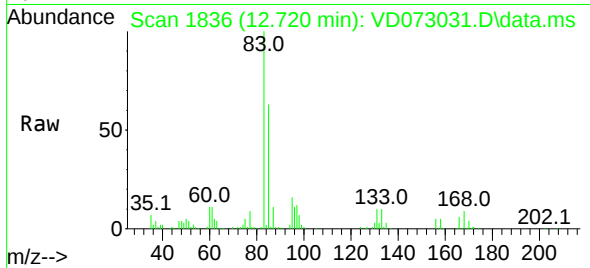




#75
1,1,2-Tetrachloroethane
Concen: 54.794 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

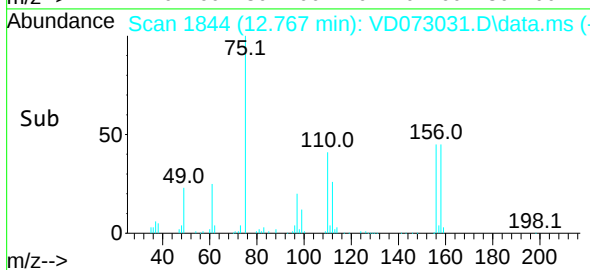
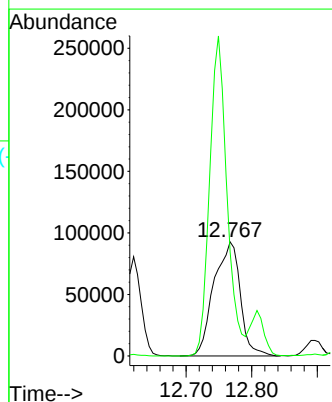
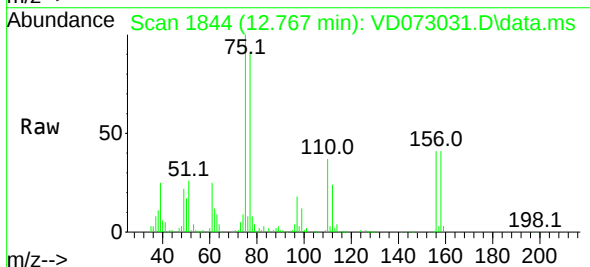
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

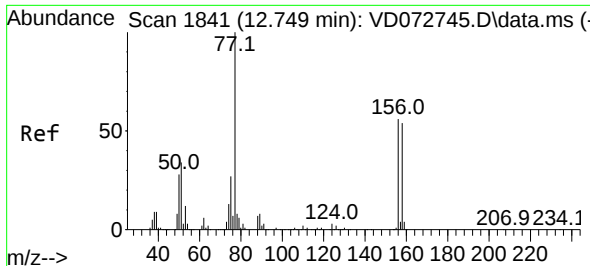
Tgt Ion: 83 Resp: 205268
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 64.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 97.238 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 75 Resp: 258626
Ion Ratio Lower Upper
75 100
77 186.2 0.0 0.0#

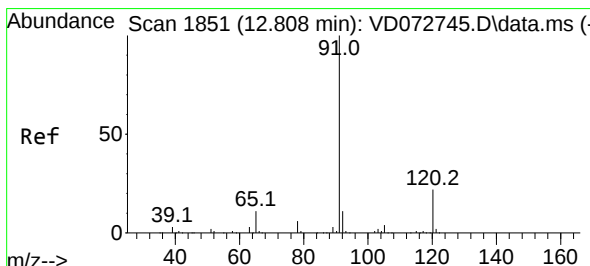
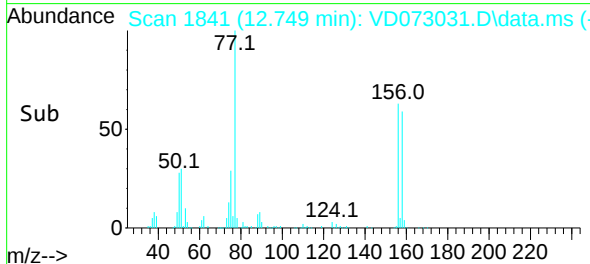
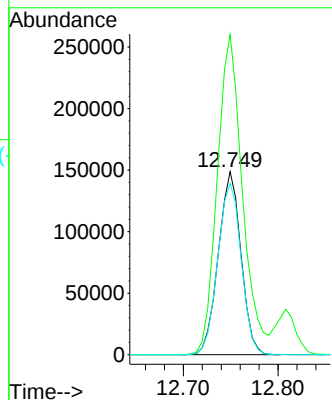
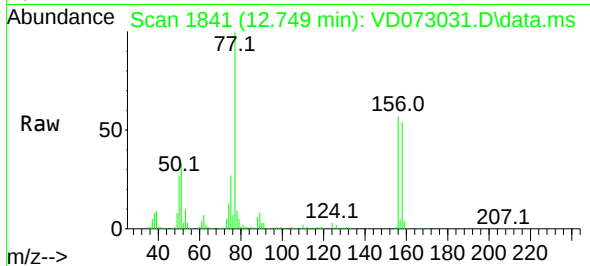




#77
Bromobenzene
Concen: 55.982 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

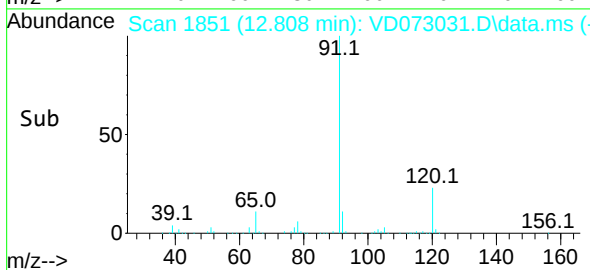
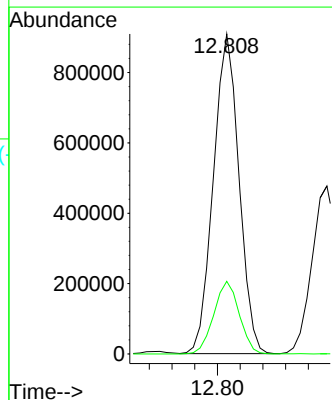
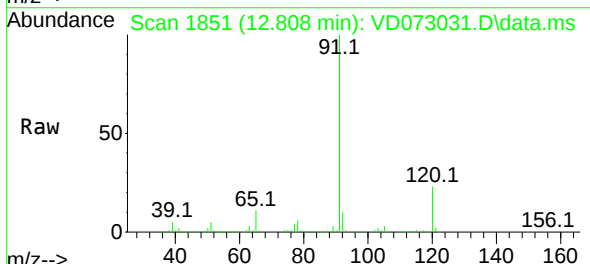
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

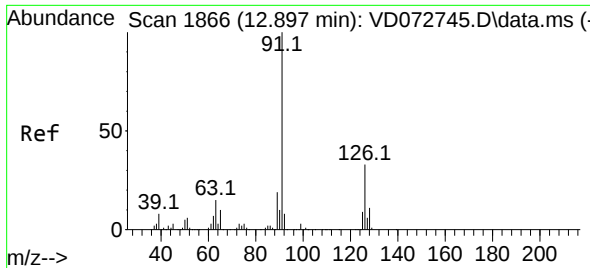
Tgt Ion:156 Resp: 246703
Ion Ratio Lower Upper
156 100
77 195.2 102.8 308.3
158 97.0 48.7 146.1



#78
n-propylbenzene
Concen: 60.815 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 91 Resp: 1422419
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9

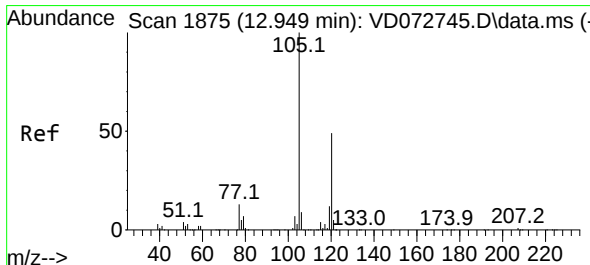
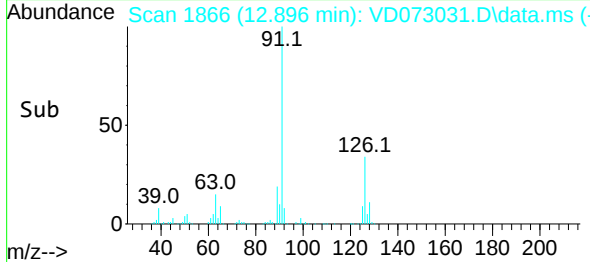
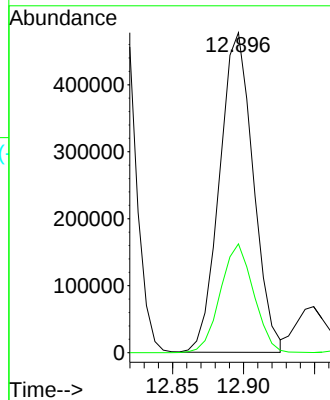
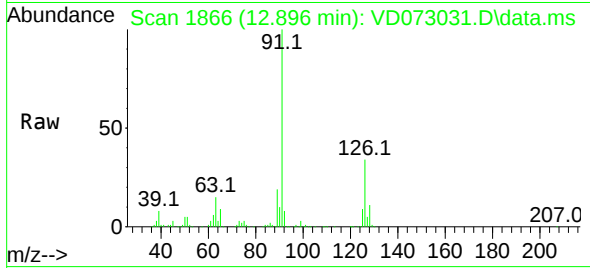




#79
2-Chlorotoluene
Concen: 57.753 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

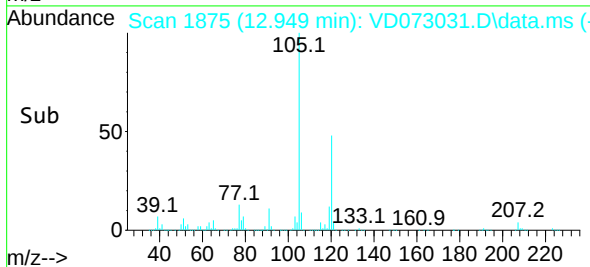
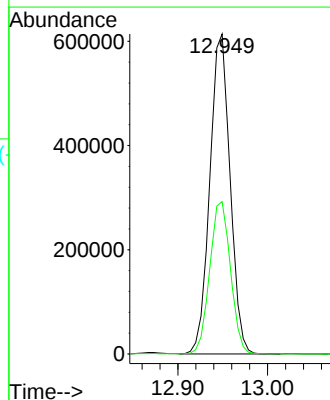
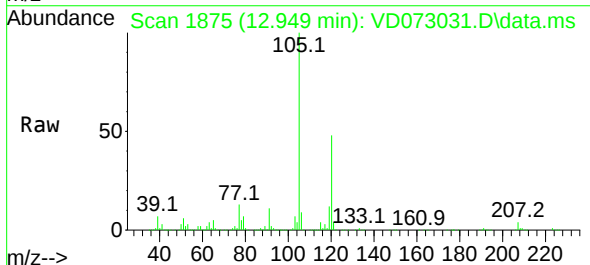
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

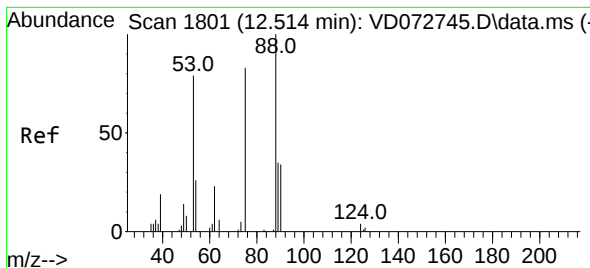
Tgt Ion: 91 Resp: 789075
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 61.205 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 105 Resp: 963115
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

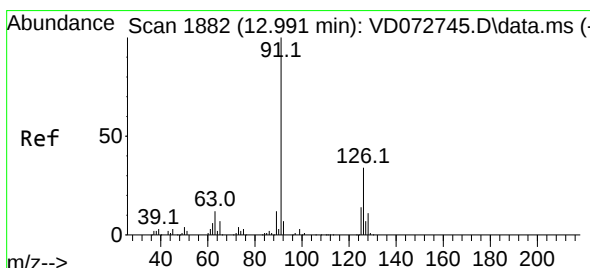
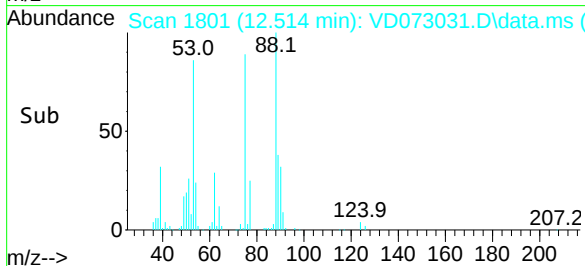
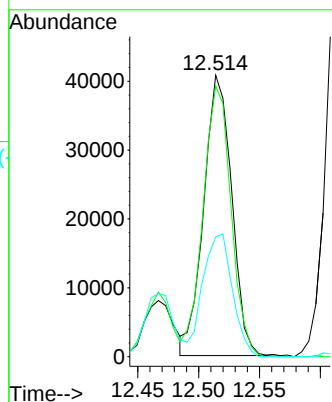
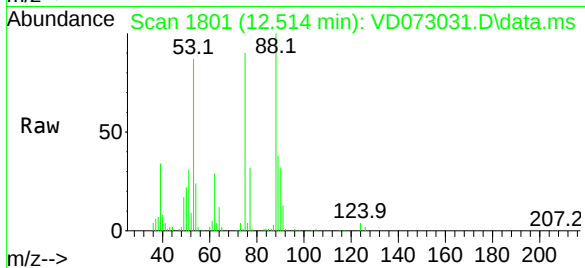




#81
trans-1,4-Dichloro-2-butene
Concen: 56.218 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

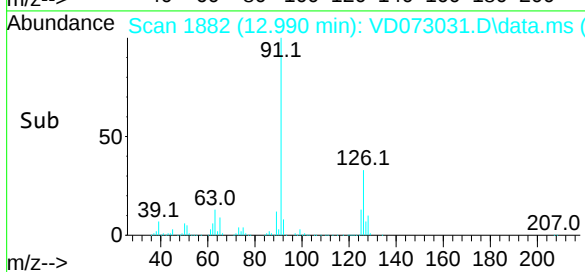
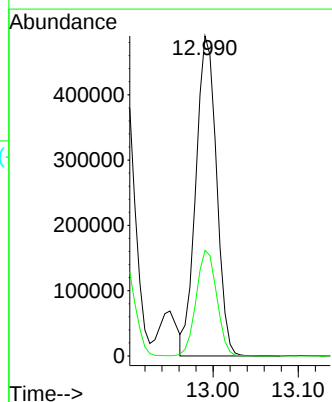
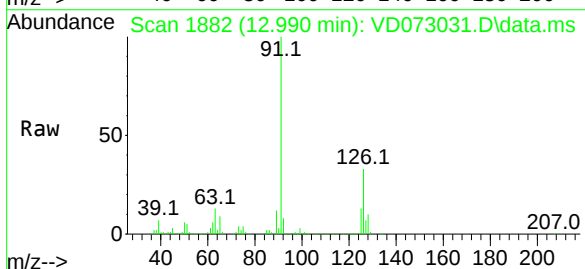
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

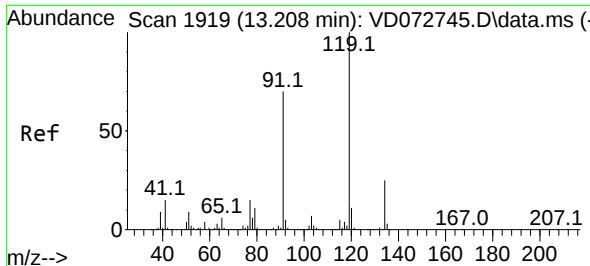
Tgt Ion: 75 Resp: 65022
Ion Ratio Lower Upper
75 100
53 97.0 86.5 129.7
89 46.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 57.684 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 91 Resp: 823472
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5

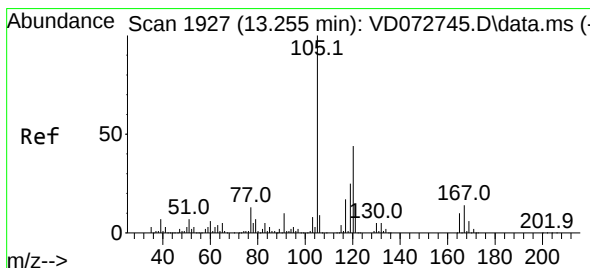
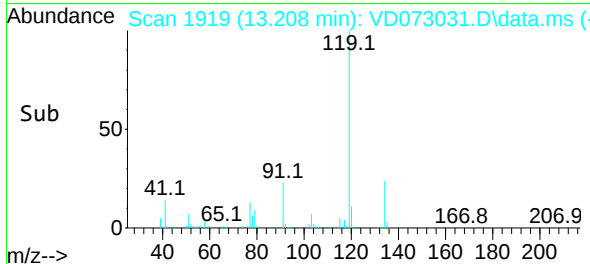
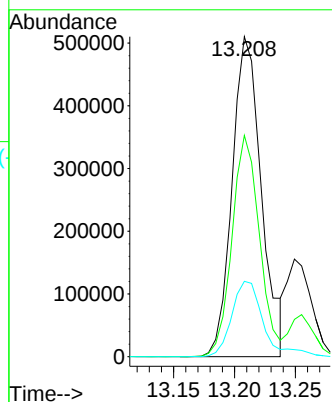
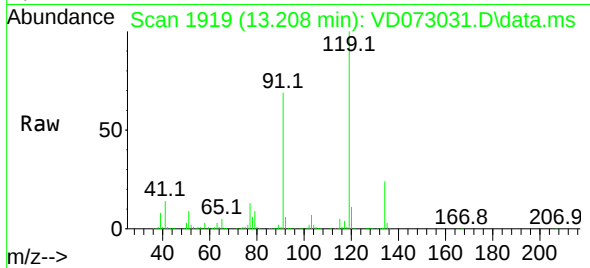




#83
tert-Butylbenzene
Concen: 63.830 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

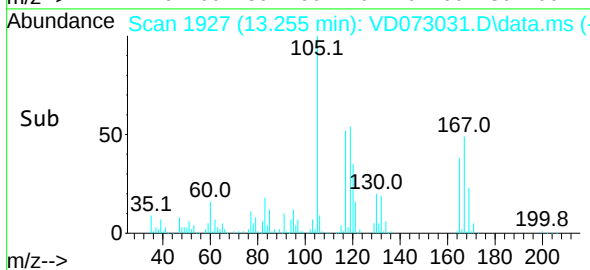
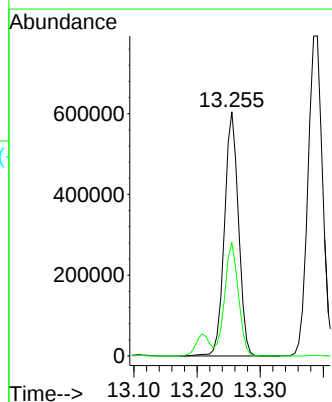
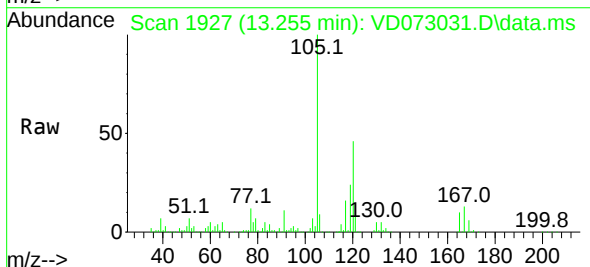
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

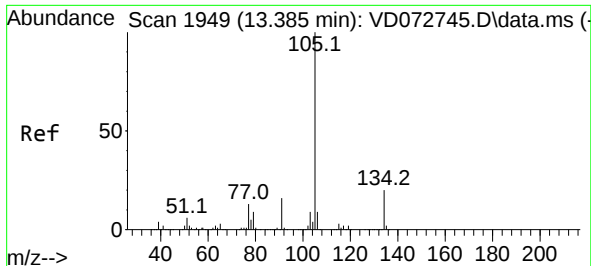
Tgt Ion:119 Resp: 853939
Ion Ratio Lower Upper
119 100
91 64.9 34.8 104.5
134 25.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 59.280 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion:105 Resp: 932421
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8

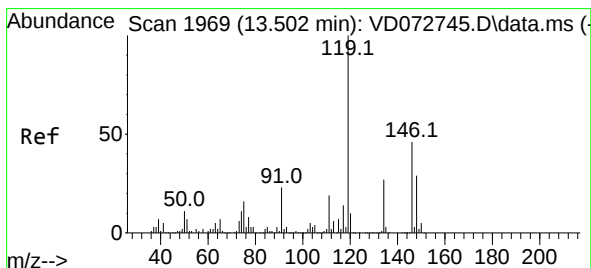
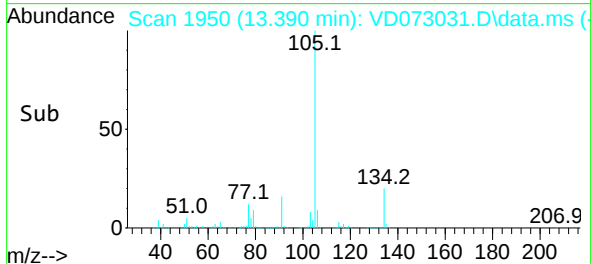
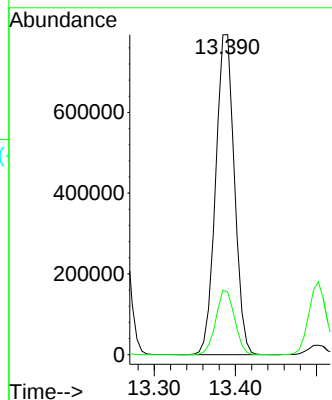
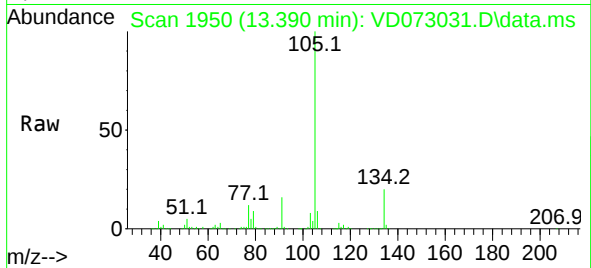




#85
 sec-Butylbenzene
 Concen: 63.154 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.005 min
 Lab File: VD073031.D
 Acq: 16 May 2022 12:48

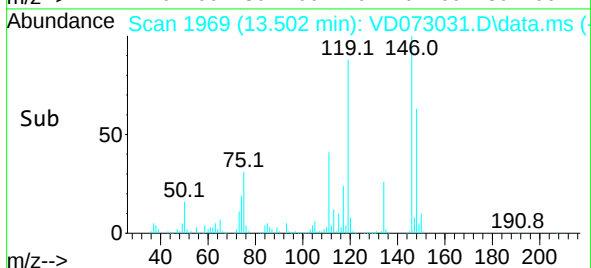
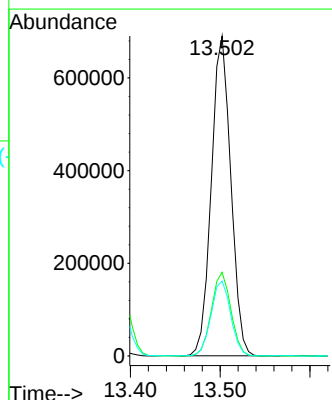
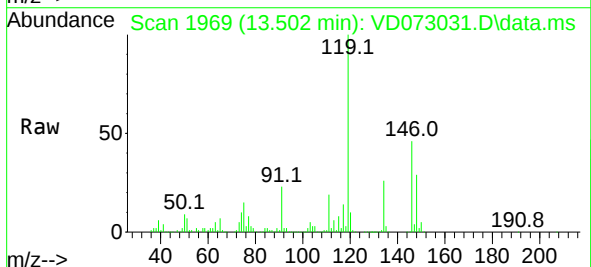
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

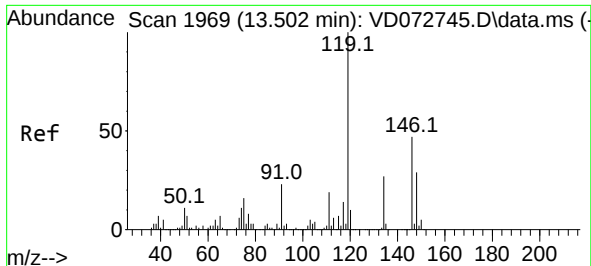
Tgt Ion:105 Resp: 1274295
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 62.775 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073031.D
 Acq: 16 May 2022 12:48

Tgt Ion:119 Resp: 1038523
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.6 12.1 36.3

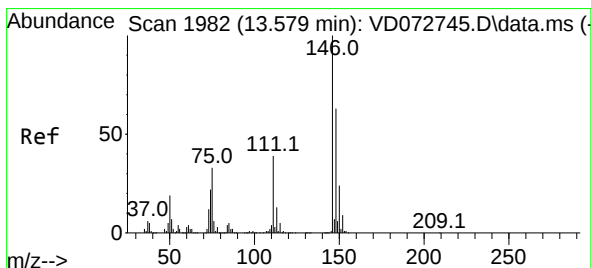
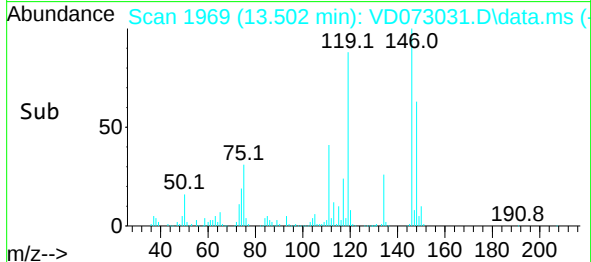
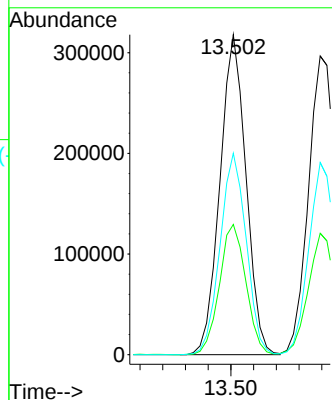
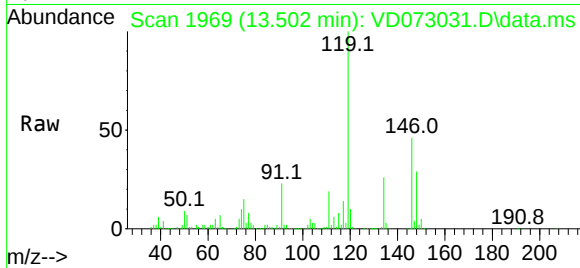




#87
1,3-Dichlorobenzene
Concen: 57.081 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

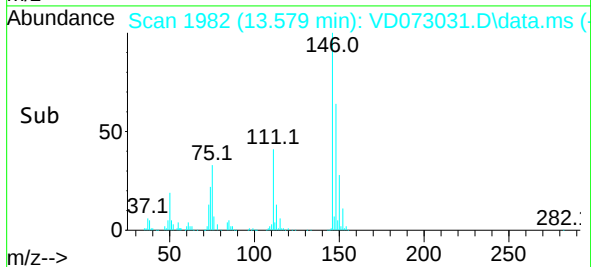
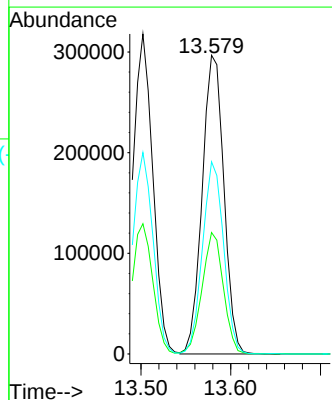
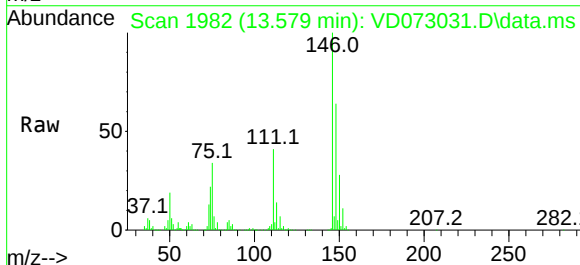
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

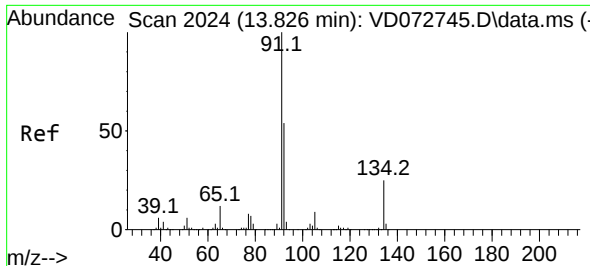
Tgt Ion:146 Resp: 506737
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 56.392 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion:146 Resp: 498538
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 62.6 31.7 95.1

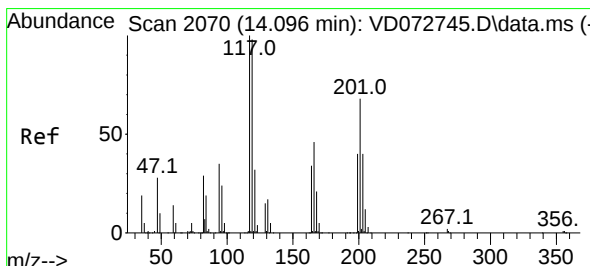
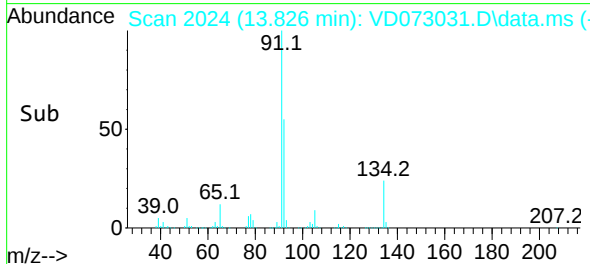
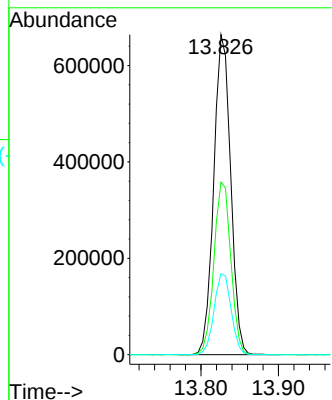
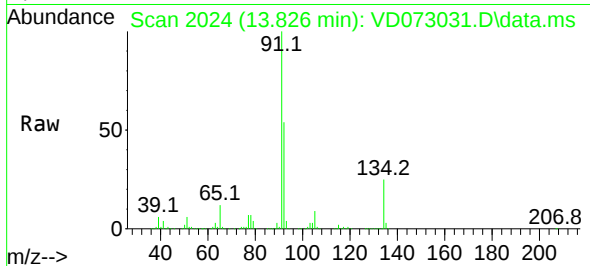




#89
n-Butylbenzene
Concen: 62.901 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

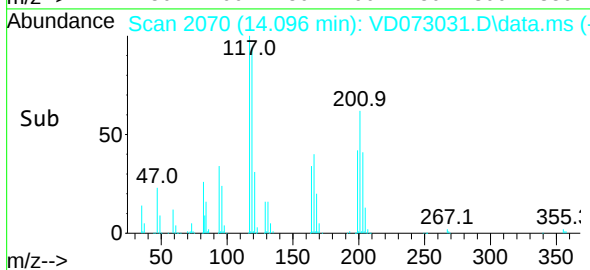
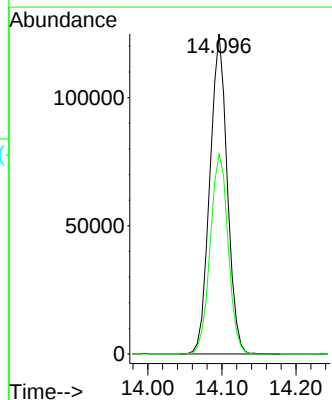
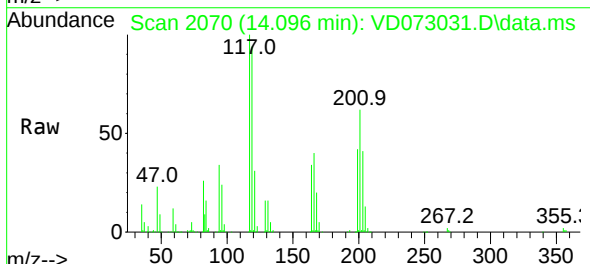
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

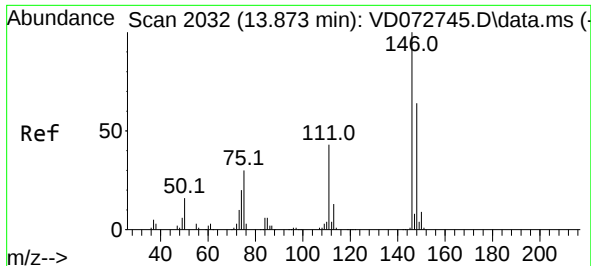
Tgt Ion: 91 Resp: 1008039
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.8
134 25.5 12.3 36.9



#90
Hexachloroethane
Concen: 59.940 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073031.D
Acq: 16 May 2022 12:48

Tgt Ion: 117 Resp: 203142
Ion Ratio Lower Upper
117 100
201 64.5 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 56.388 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

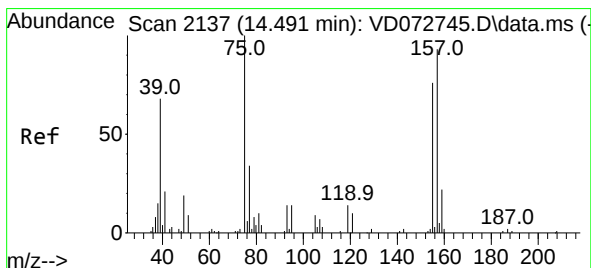
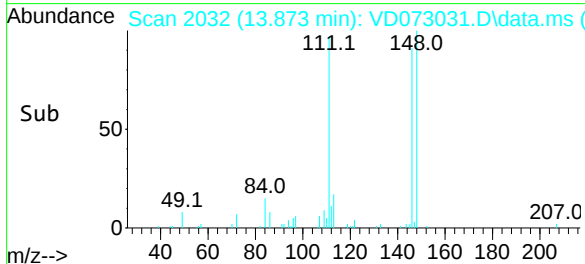
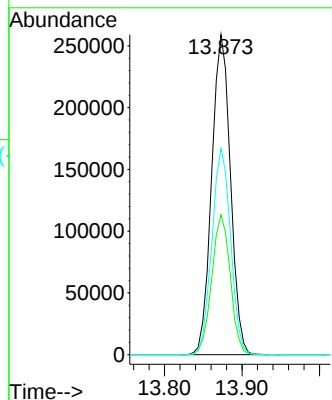
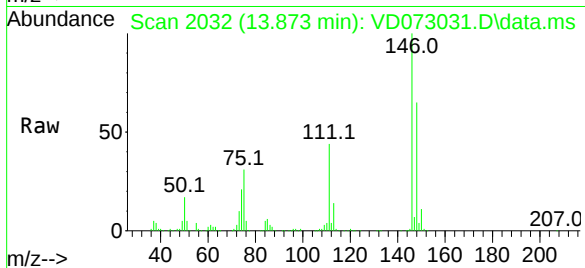
Tgt Ion:146 Resp: 436269

Ion Ratio Lower Upper

146 100

111 43.0 21.1 63.3

148 64.2 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.520 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.001 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

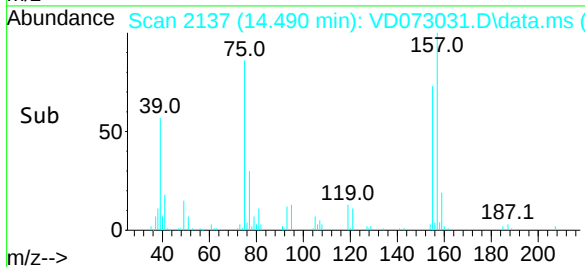
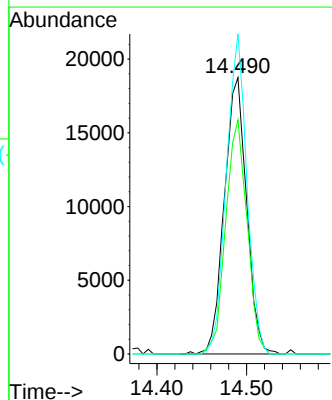
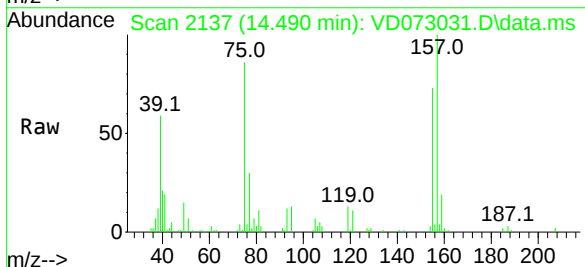
Tgt Ion: 75 Resp: 32376

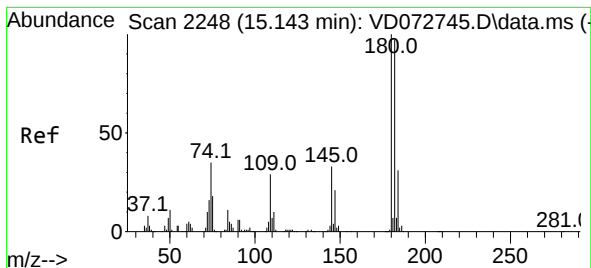
Ion Ratio Lower Upper

75 100

155 80.9 36.8 110.3

157 106.7 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 58.957 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

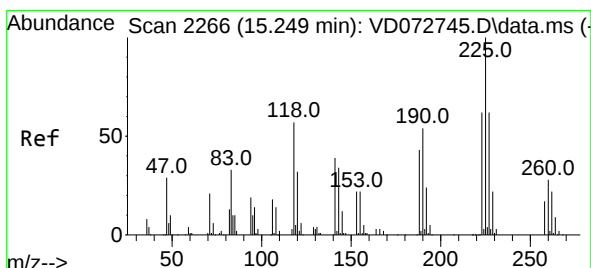
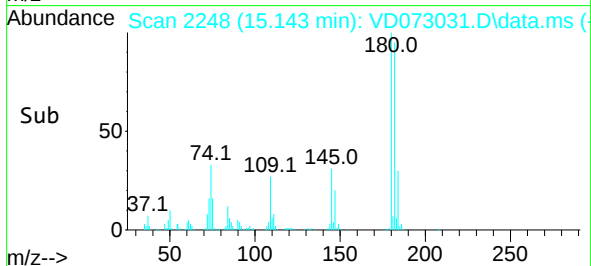
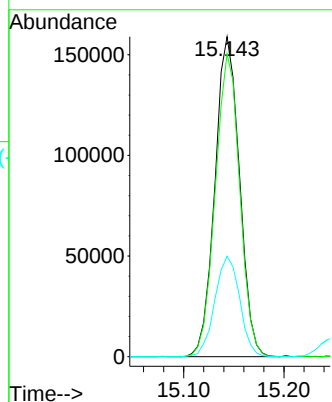
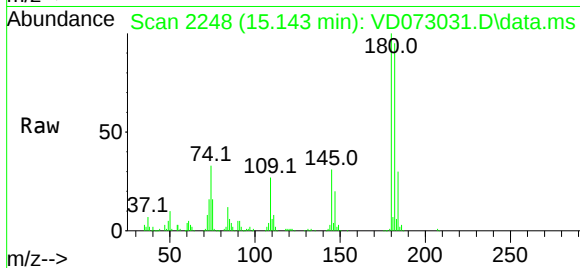
Tgt Ion:180 Resp: 270144

Ion Ratio Lower Upper

180 100

182 94.1 47.3 142.0

145 31.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 60.558 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

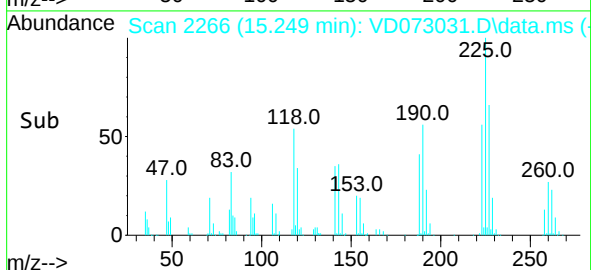
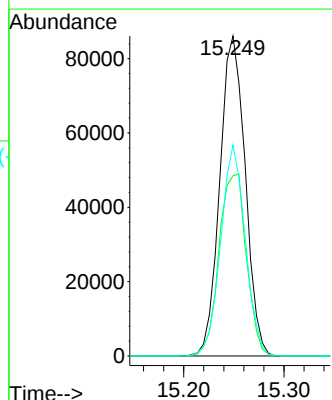
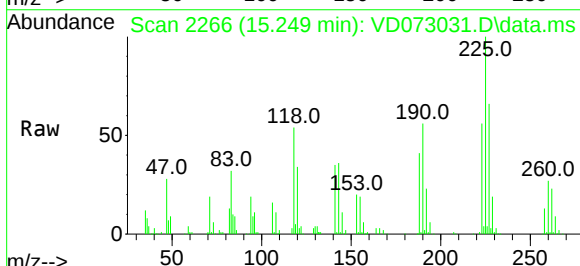
Tgt Ion:225 Resp: 151541

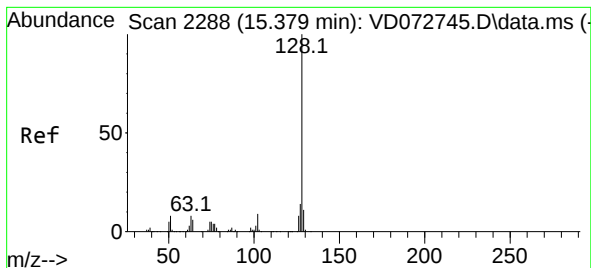
Ion Ratio Lower Upper

225 100

223 61.2 31.1 93.2

227 63.6 32.4 97.0





#95

Naphthalene

Concen: 60.342 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. 0.005 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

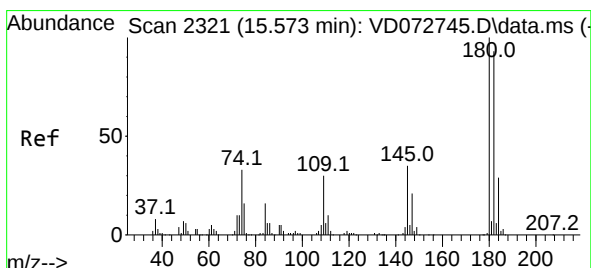
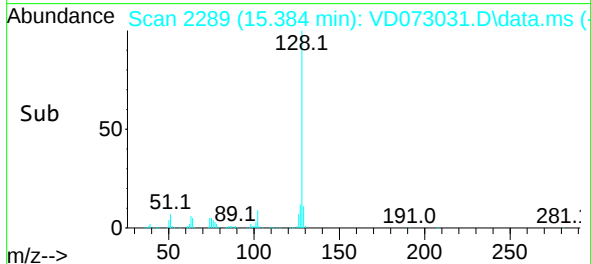
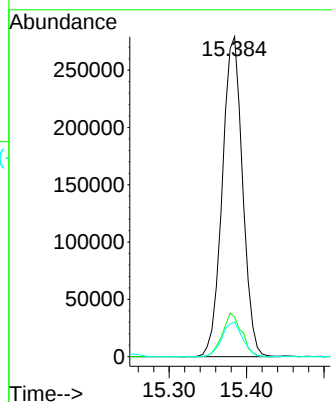
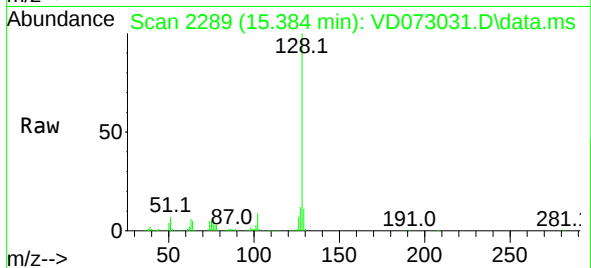
Tgt Ion:128 Resp: 508351

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 58.445 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073031.D

Acq: 16 May 2022 12:48

Tgt Ion:180 Resp: 237391

Ion Ratio Lower Upper

180 100

182 93.8 47.6 142.9

145 33.7 17.1 51.3

