

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
 Data File : VD072740.D
 Acq On : 29 Apr 2022 14:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 30 01:51:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	328689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	561885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	541834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	210283	48.187	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.380%
35) Dibromofluoromethane	7.909	113	187166	50.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.040%
50) Toluene-d8	10.332	98	660913	48.993	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.620	95	248010	48.747	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	200548	44.772	ug/l	97
3) Chloromethane	2.209	50	216806	42.859	ug/l	96
4) Vinyl Chloride	2.350	62	199683	43.778	ug/l	100
5) Bromomethane	2.762	94	129481	43.946	ug/l	99
6) Chloroethane	2.921	64	121817	44.018	ug/l	100
7) Trichlorofluoromethane	3.268	101	326788	44.791	ug/l	97
8) Diethyl Ether	3.709	74	106846	49.420	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	189169	45.478	ug/l	99
10) Methyl Iodide	4.297	142	218735	45.143	ug/l	99
11) Tert butyl alcohol	5.215	59	94021	345.247	ug/l #	93
12) 1,1-Dichloroethene	4.062	96	179197	46.031	ug/l	94
13) Acrolein	3.921	56	94467	255.629	ug/l	97
14) Allyl chloride	4.715	41	312881	47.469	ug/l	94
15) Acrylonitrile	5.409	53	264189	262.172	ug/l	98
16) Acetone	4.150	43	258256	301.976	ug/l	96
17) Carbon Disulfide	4.409	76	593318	45.374	ug/l	99
18) Methyl Acetate	4.715	43	123119	49.961	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	495699	50.802	ug/l	99
20) Methylene Chloride	4.962	84	323214	55.165	ug/l	88
21) trans-1,2-Dichloroethene	5.468	96	213286	46.403	ug/l	92
22) Diisopropyl ether	6.356	45	706670	49.682	ug/l	93
23) Vinyl Acetate	6.297	43	2102255	261.741	ug/l	95
24) 1,1-Dichloroethane	6.256	63	393267	46.889	ug/l	99
25) 2-Butanone	7.203	43	354634	277.877	ug/l	98
26) 2,2-Dichloropropane	7.203	77	322197	46.568	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	242658	47.643	ug/l	94
28) Bromochloromethane	7.544	49	175546	53.742	ug/l	88
29) Tetrahydrofuran	7.550	42	216733	269.868	ug/l	95
30) Chloroform	7.703	83	408709	47.152	ug/l	98
31) Cyclohexane	7.973	56	326015	43.031	ug/l	93
32) 1,1,1-Trichloroethane	7.891	97	338671	46.110	ug/l	98
36) 1,1-Dichloropropene	8.103	75	294098	46.910	ug/l	97
37) Ethyl Acetate	7.285	43	157493	55.160	ug/l	95
38) Carbon Tetrachloride	8.091	117	294432	46.468	ug/l	99
39) Methylcyclohexane	9.350	83	332035	45.736	ug/l	99
40) Benzene	8.344	78	866011	48.517	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	87513	53.424	ug/l	91
42) 1,2-Dichloroethane	8.414	62	281692	50.073	ug/l	98
43) Isopropyl Acetate	8.444	43	285848	52.685	ug/l	95
44) Trichloroethene	9.103	130	222088	47.030	ug/l	92
45) 1,2-Dichloropropane	9.373	63	229643	49.746	ug/l	99
46) Dibromomethane	9.467	93	131800	50.409	ug/l	97
47) Bromodichloromethane	9.650	83	327471	49.275	ug/l	99
48) Methyl methacrylate	9.444	41	149597	54.967	ug/l	93
49) 1,4-Dioxane	9.456	88	30515	1057.458	ug/l	100
51) 4-Methyl-2-Pentanone	10.214	43	766283	274.820	ug/l	94
52) Toluene	10.391	92	536717	48.132	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	322737	52.624	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	365478	51.092	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	179520	51.008	ug/l	98
56) Ethyl methacrylate	10.650	69	230618	55.923	ug/l	90
57) 1,3-Dichloropropane	10.932	76	310523	51.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	601946	275.951	ug/l	97
59) 2-Hexanone	10.973	43	557713	298.302	ug/l	97
60) Dibromochloromethane	11.126	129	219542	50.809	ug/l	100
61) 1,2-Dibromoethane	11.238	107	176511	52.856	ug/l	99
64) Tetrachloroethene	10.867	164	169308	45.559	ug/l	97
65) Chlorobenzene	11.661	112	582617	48.711	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	220720	49.230	ug/l	98
67) Ethyl Benzene	11.732	91	1014523	48.311	ug/l	99
68) m/p-Xylenes	11.844	106	781707	97.617	ug/l	100
69) o-Xylene	12.167	106	369730	48.855	ug/l	99
70) Styrene	12.185	104	659779	51.226	ug/l	98
71) Bromoform	12.344	173	123894	51.480	ug/l #	98
73) Isopropylbenzene	12.467	105	932613	47.312	ug/l	100
74) N-amyl acetate	12.273	43	277645	54.521	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	205692	52.067	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	262353	88.108	ug/l #	100
77) Bromobenzene	12.750	156	231048	49.226	ug/l	98
78) n-propylbenzene	12.808	91	1173352	47.627	ug/l	100
79) 2-Chlorotoluene	12.897	91	688928	47.786	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	803832	48.232	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	66238	52.892	ug/l	90
82) 4-Chlorotoluene	12.991	91	733983	48.366	ug/l	99
83) tert-Butylbenzene	13.208	119	663551	47.599	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	795041	47.774	ug/l	99
85) sec-Butylbenzene	13.391	105	988387	46.934	ug/l	99
86) p-Isopropyltoluene	13.502	119	812404	47.132	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	441817	47.845	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	444648	48.271	ug/l	100
89) n-Butylbenzene	13.826	91	801395	47.787	ug/l	100
90) Hexachloroethane	14.097	117	163067	47.174	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	393319	48.549	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	32830	50.623	ug/l	93
93) 1,2,4-Trichlorobenzene	15.144	180	233600	49.633	ug/l	99
94) Hexachlorobutadiene	15.249	225	114047	45.638	ug/l	98
95) Naphthalene	15.385	128	482394	54.430	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	212383	51.196	ug/l	99

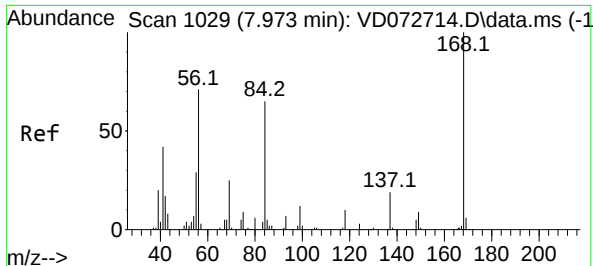
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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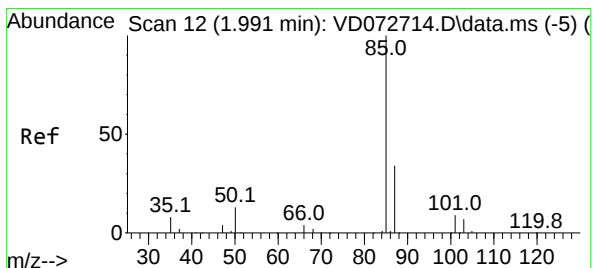
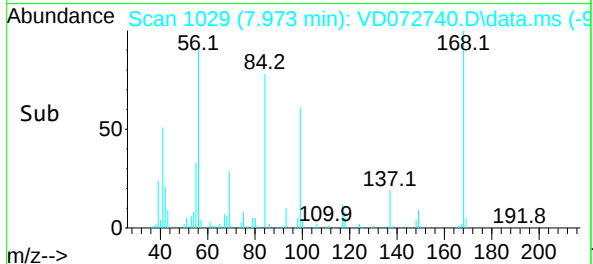
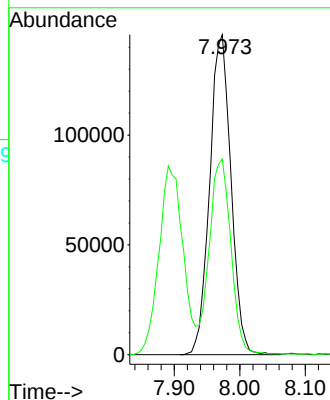
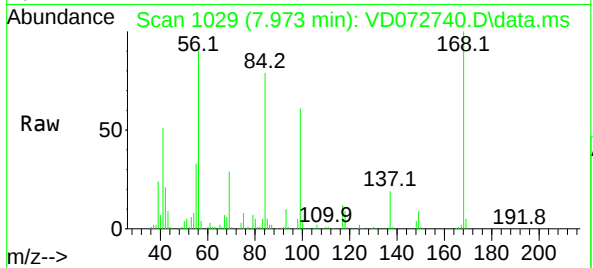
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

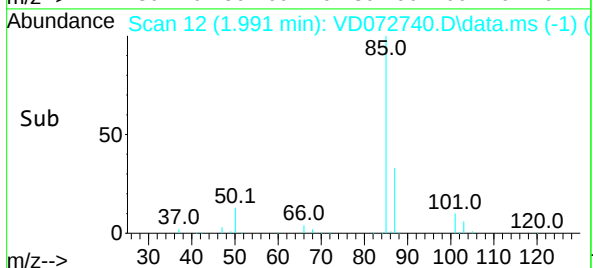
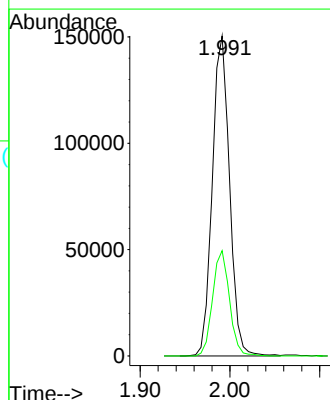
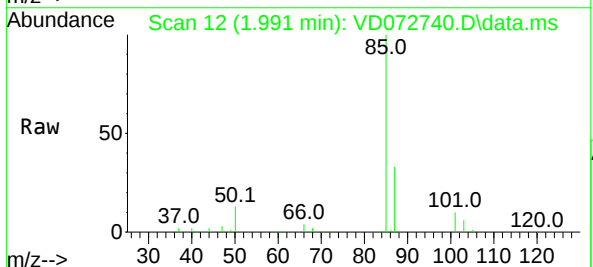
Instrument :
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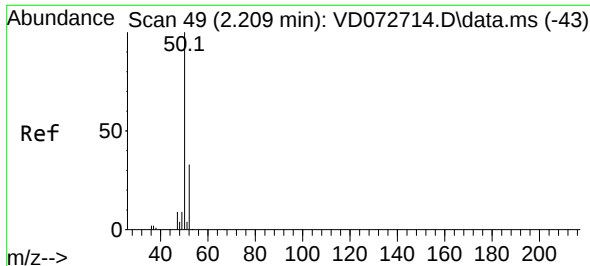
Tgt Ion:168 Resp: 328689
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.772 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 85 Resp: 200548
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

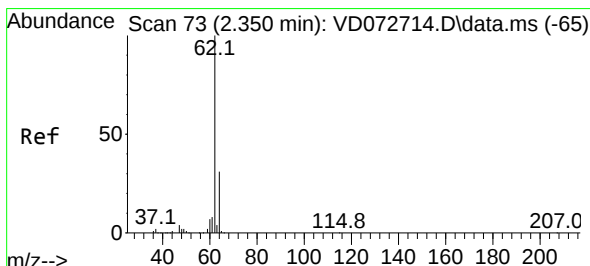
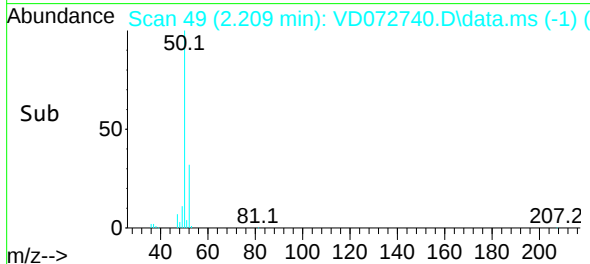
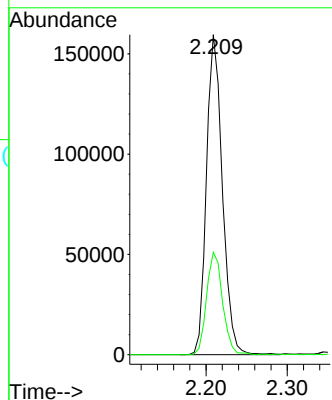
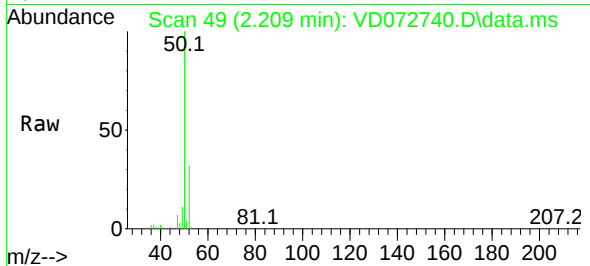




#3
Chloromethane
Concen: 42.859 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

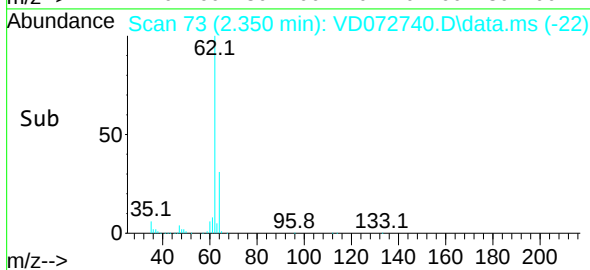
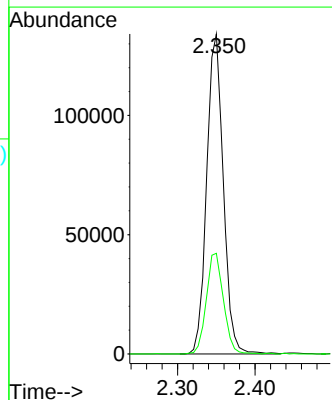
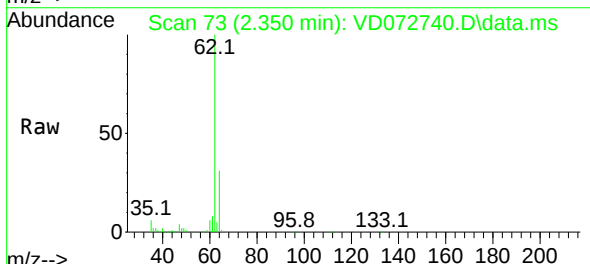
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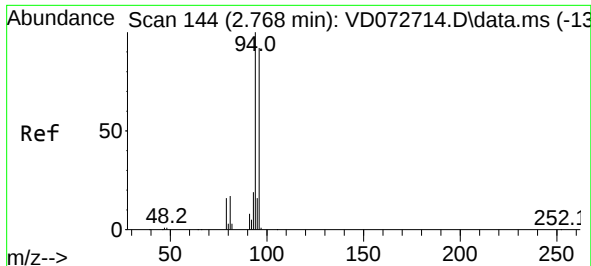
Tgt Ion: 50 Resp: 216806
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.0



#4
Vinyl Chloride
Concen: 43.778 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 62 Resp: 199683
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

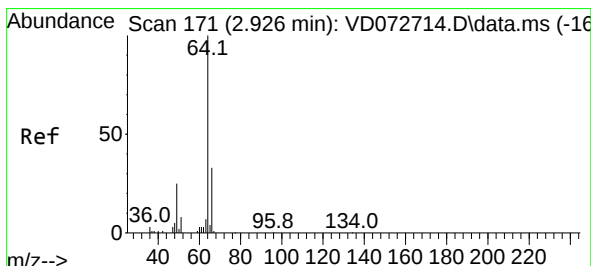
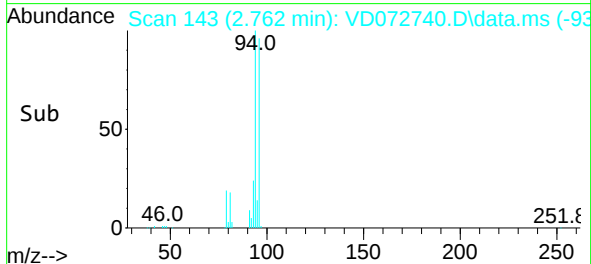
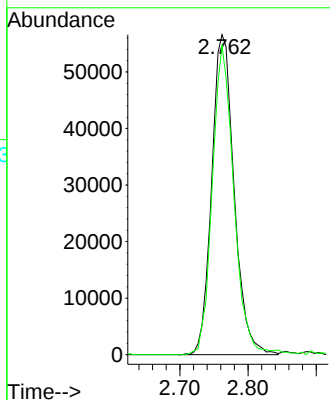
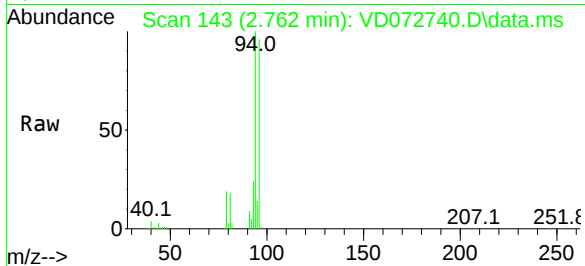




#5
Bromomethane
Concen: 43.946 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

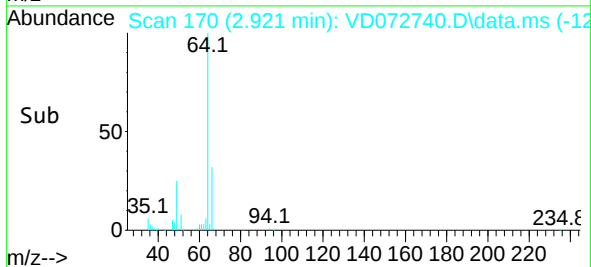
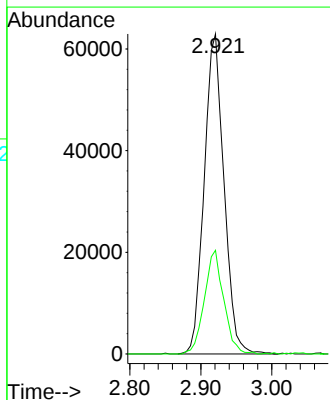
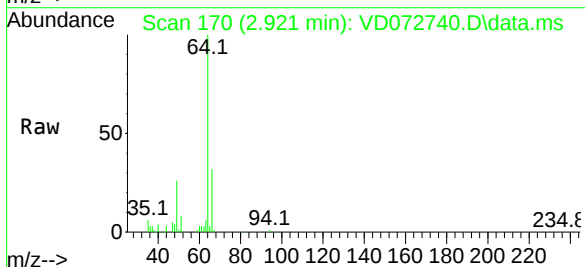
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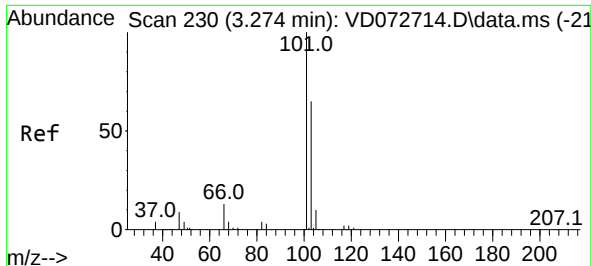
Tgt Ion: 94 Resp: 129481
Ion Ratio Lower Upper
94 100
96 96.5 77.6 116.4



#6
Chloroethane
Concen: 44.018 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.005 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 64 Resp: 121817
Ion Ratio Lower Upper
64 100
66 32.4 25.9 38.9

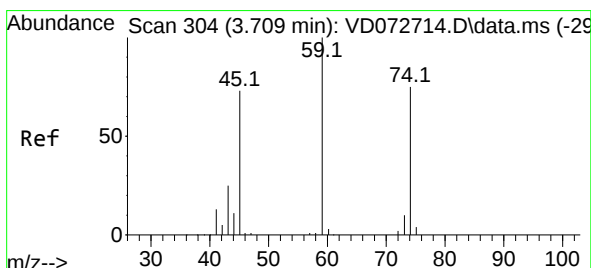
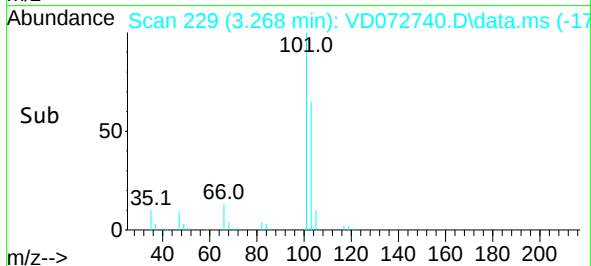
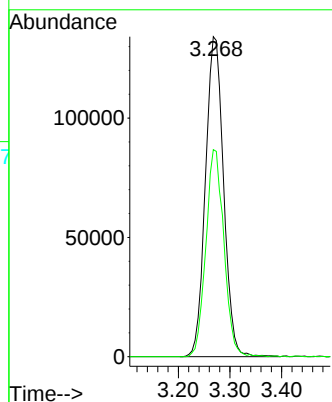
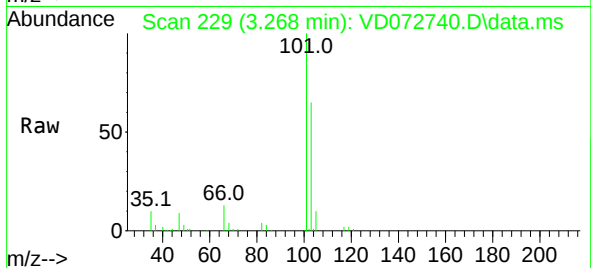




#7
 Trichlorofluoromethane
 Concen: 44.791 ug/l
 RT: 3.268 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

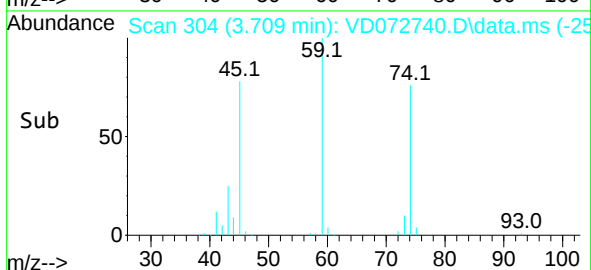
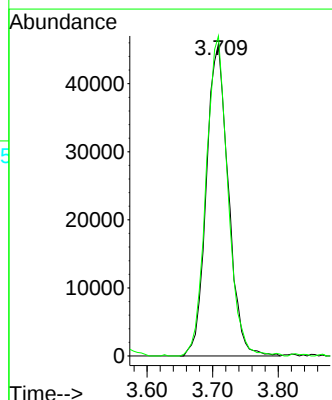
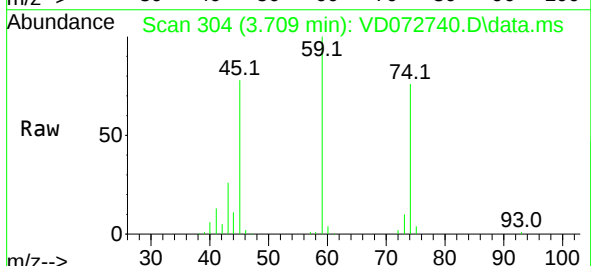
Instrument :
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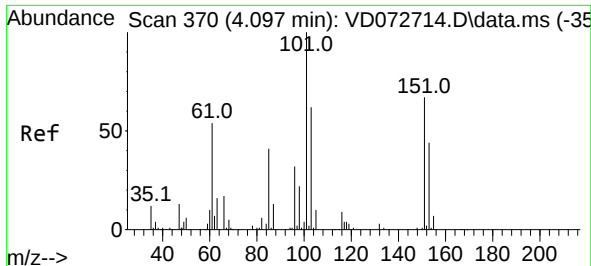
Tgt Ion:101 Resp: 326788
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 49.420 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

Tgt Ion: 74 Resp: 106846
 Ion Ratio Lower Upper
 74 100
 45 101.7 52.6 157.8

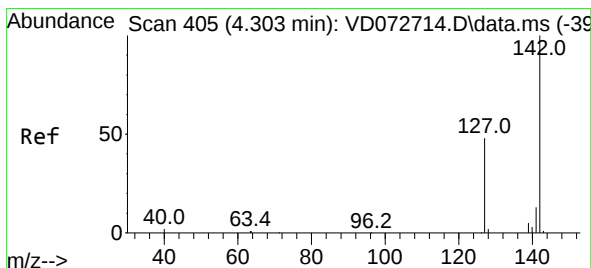
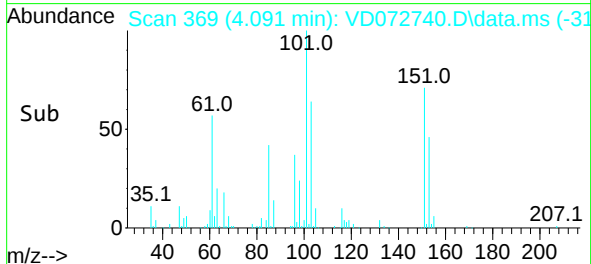
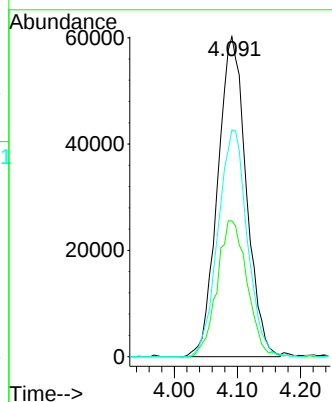
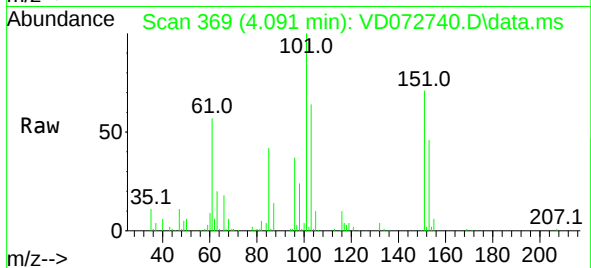




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.478 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD072740.D
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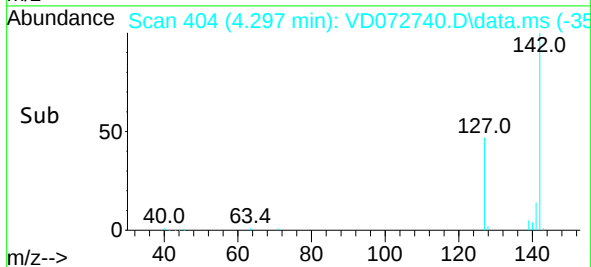
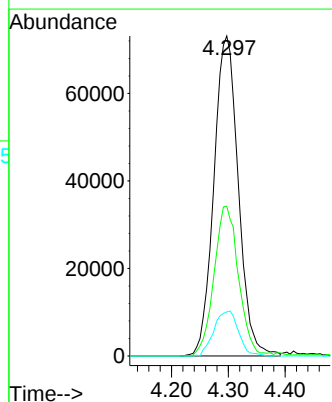
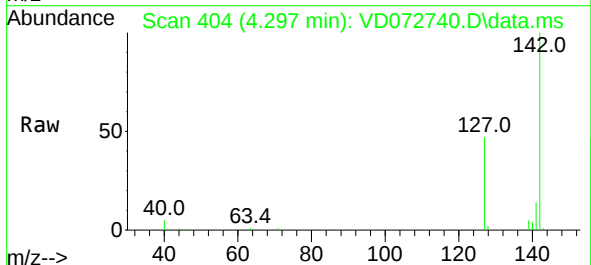
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

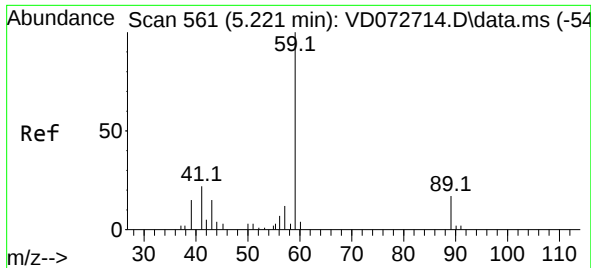
Tgt Ion:101 Resp: 189169
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.4 54.6
 151 72.6 57.3 85.9



#10
 Methyl Iodide
 Concen: 45.143 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

Tgt Ion:142 Resp: 218735
 Ion Ratio Lower Upper
 142 100
 127 46.9 37.3 55.9
 141 14.1 11.7 17.5

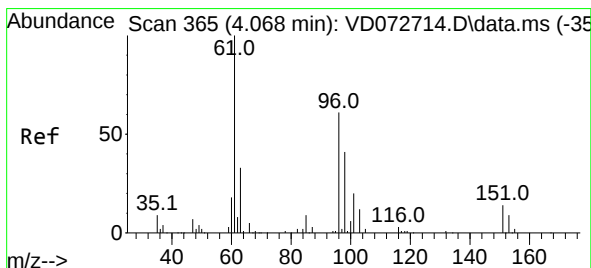
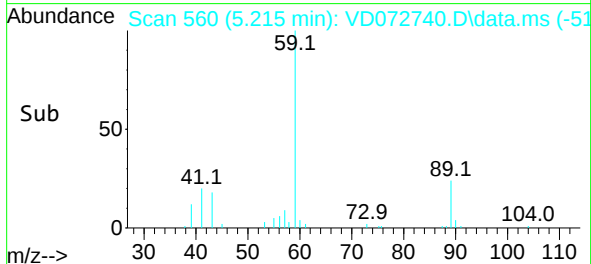
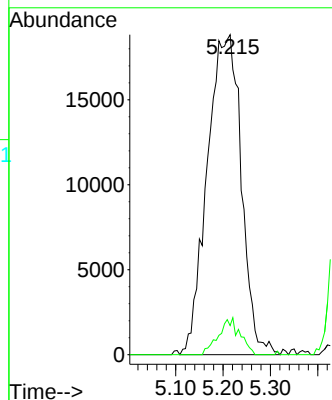
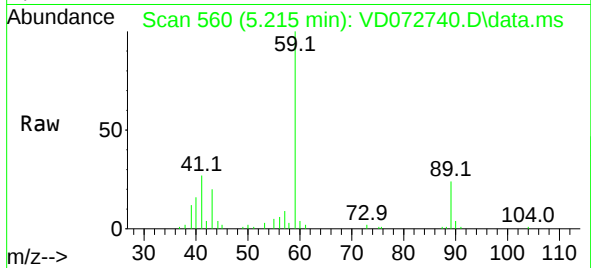




#11
Tert butyl alcohol
Concen: 345.247 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

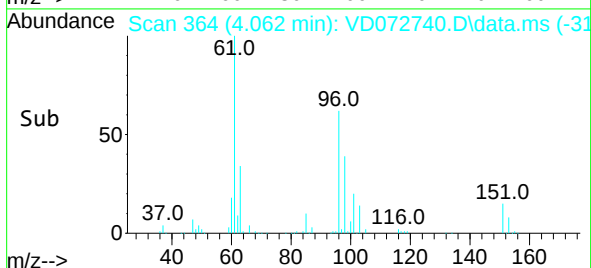
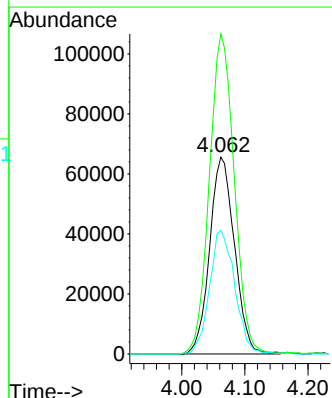
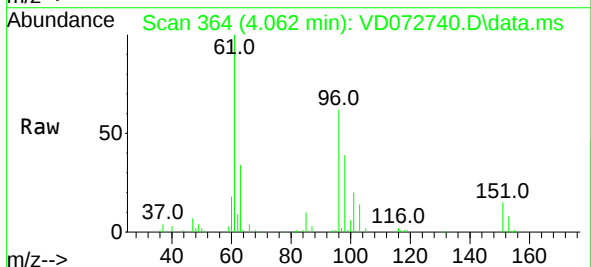
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

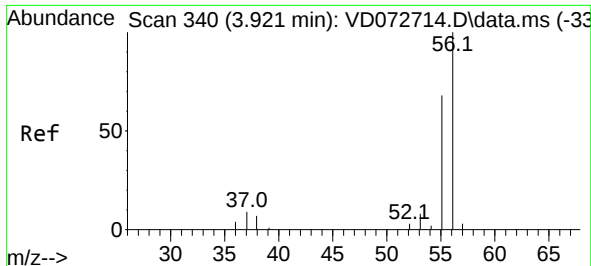
Tgt Ion: 59 Resp: 94021
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 46.031 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

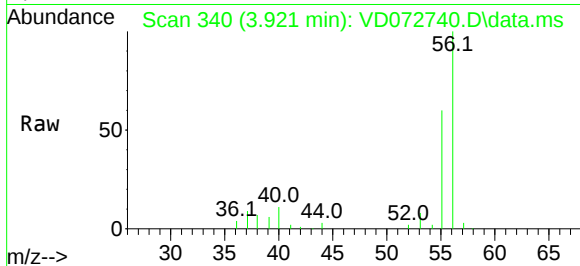
Tgt Ion: 96 Resp: 179197
Ion Ratio Lower Upper
96 100
61 162.5 138.5 207.7
98 62.9 48.6 73.0



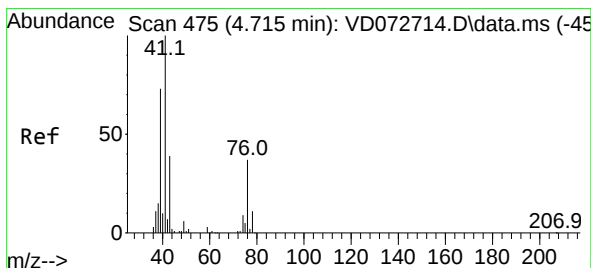
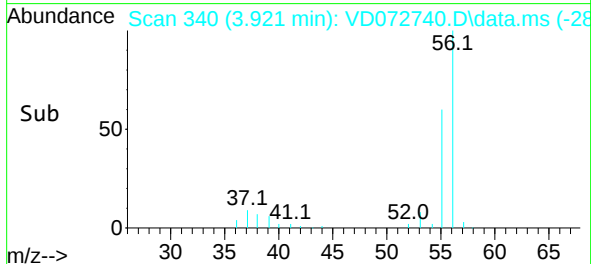
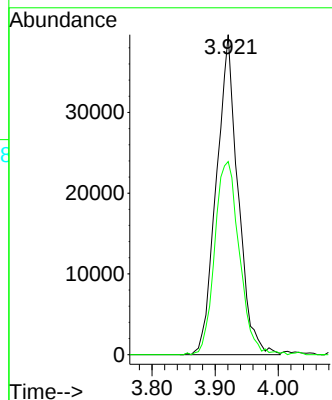


#13
Acrolein
Concen: 255.629 ug/l
RT: 3.921 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

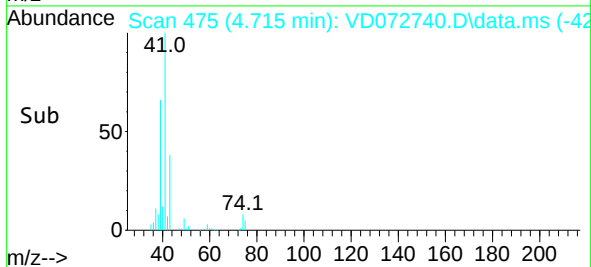
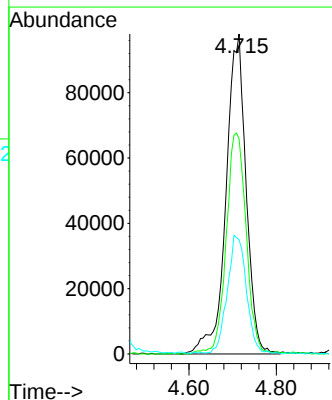
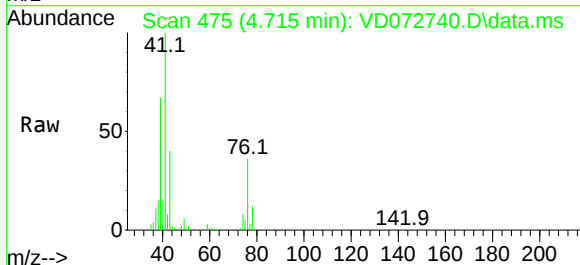


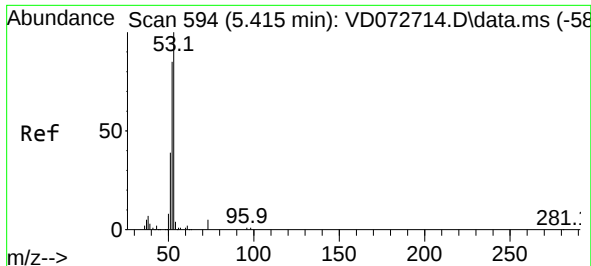
Tgt Ion: 56 Resp: 94467
Ion Ratio Lower Upper
56 100
55 68.6 57.1 85.7



#14
Allyl chloride
Concen: 47.469 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 41 Resp: 312881
Ion Ratio Lower Upper
41 100
39 68.5 59.3 88.9
76 35.5 25.7 38.5

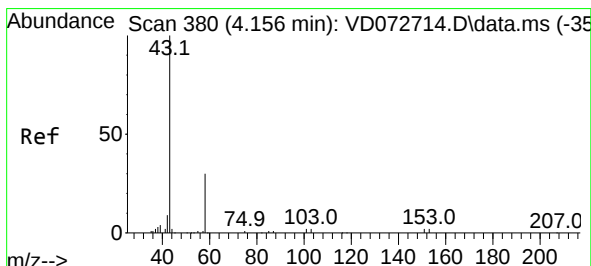
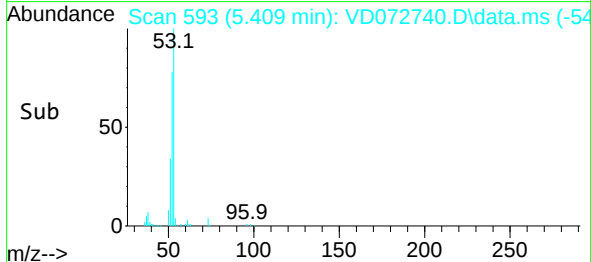
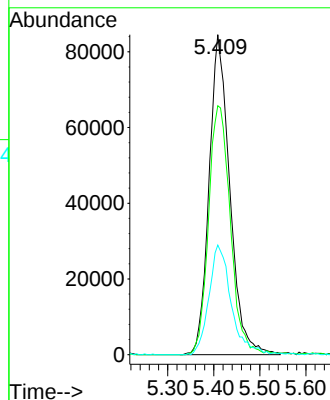
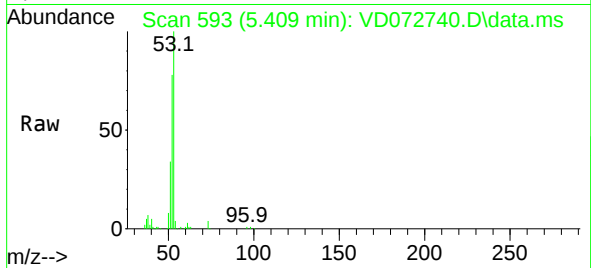




#15
Acrylonitrile
Concen: 262.172 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

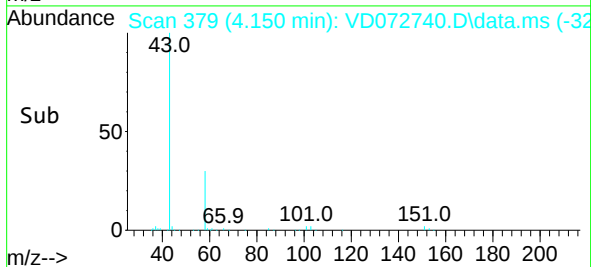
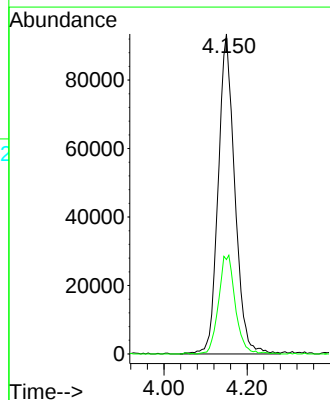
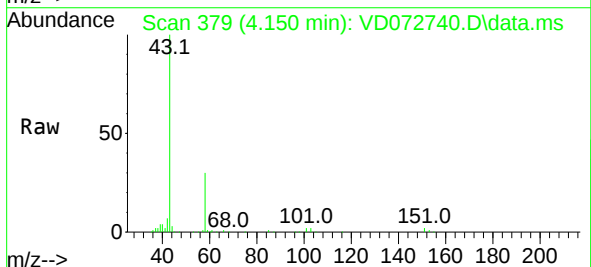
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

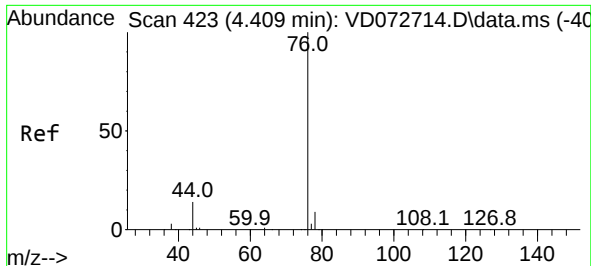
Tgt Ion: 53 Resp: 264189
Ion Ratio Lower Upper
53 100
52 81.7 67.2 100.8
51 36.7 30.3 45.5



#16
Acetone
Concen: 301.976 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 43 Resp: 258256
Ion Ratio Lower Upper
43 100
58 29.5 22.1 33.1

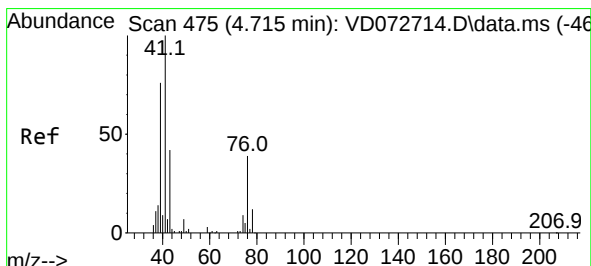
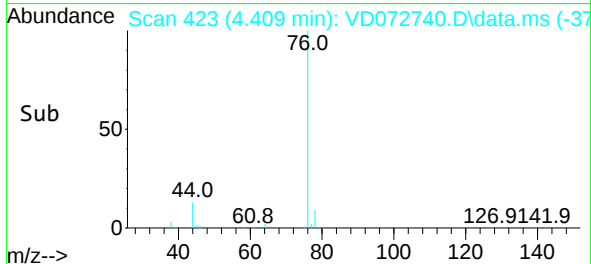
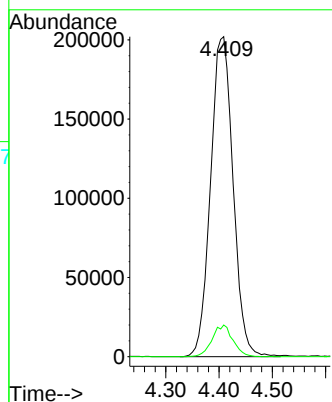
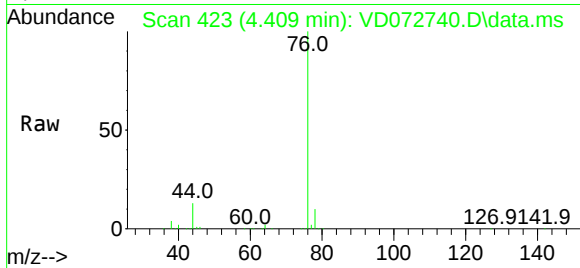




#17
Carbon Disulfide
Concen: 45.374 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

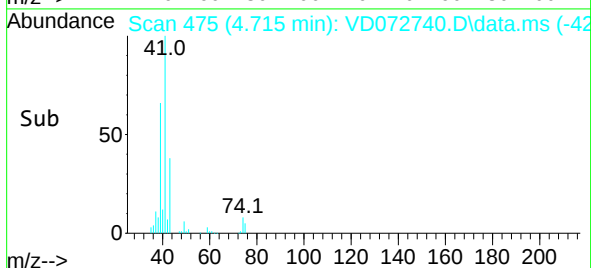
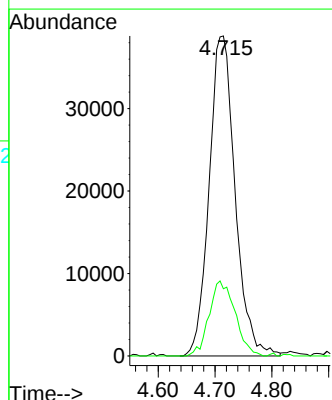
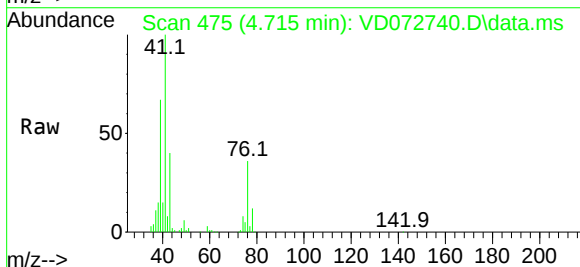
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

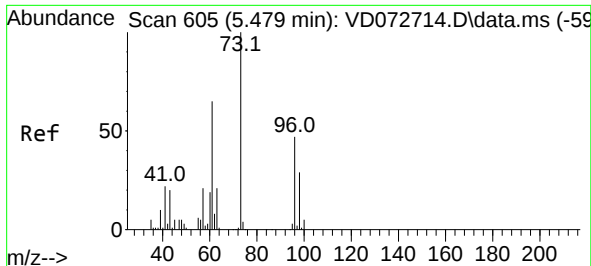
Tgt Ion: 76 Resp: 593318
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#18
Methyl Acetate
Concen: 49.961 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 43 Resp: 123119
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1

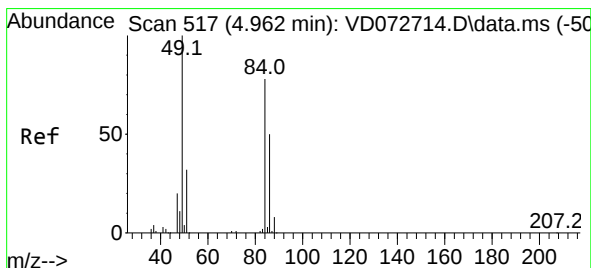
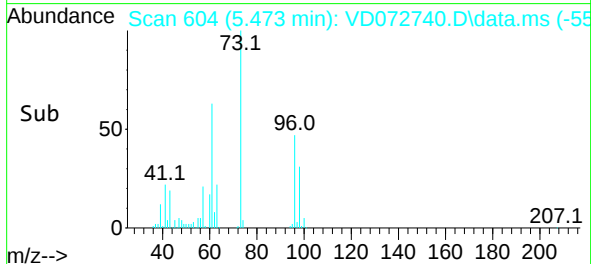
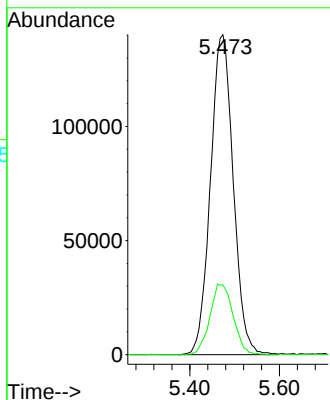
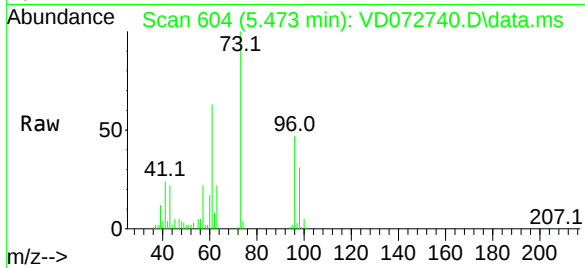




#19
Methyl tert-butyl Ether
Concen: 50.802 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

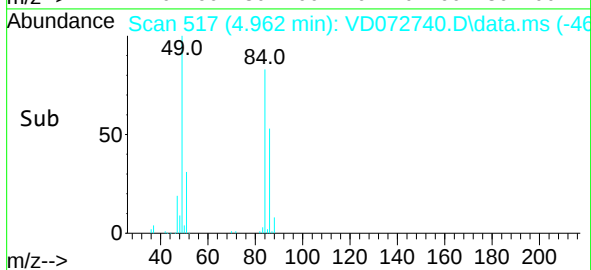
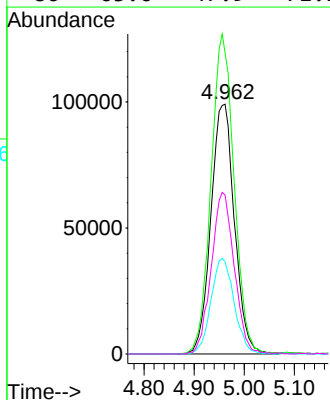
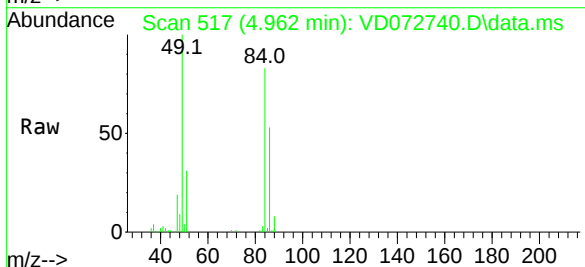
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

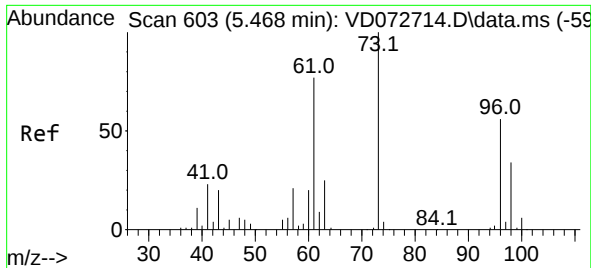
Tgt Ion: 73 Resp: 495699
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 55.165 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 84 Resp: 323214
Ion Ratio Lower Upper
84 100
49 120.4 112.8 169.2
51 36.9 32.6 48.8
86 63.6 47.9 71.9

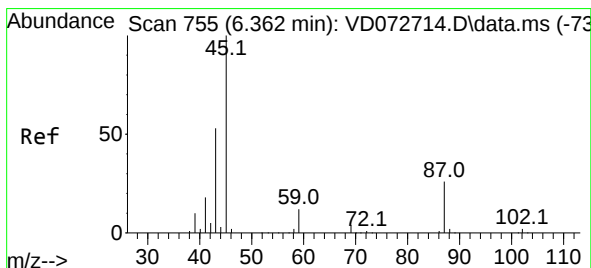
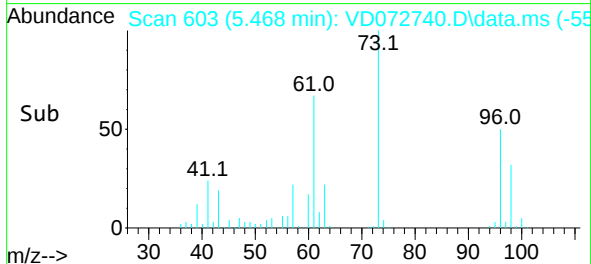
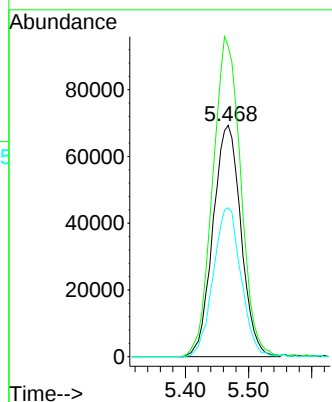
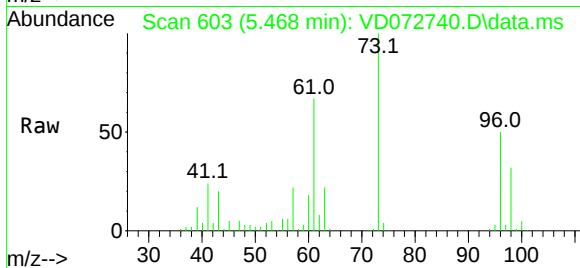




#21
trans-1,2-Dichloroethene
Concen: 46.403 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

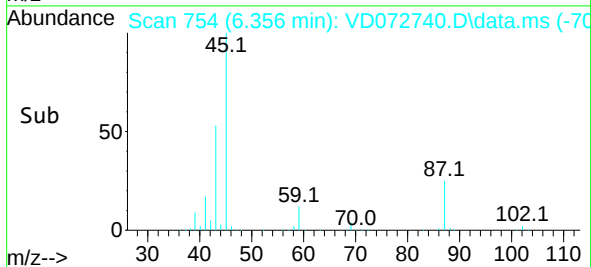
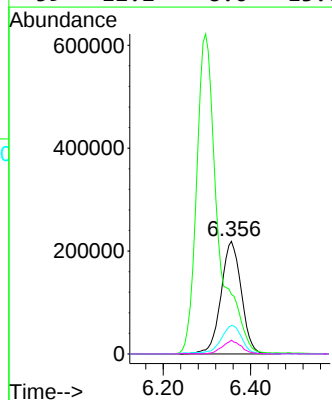
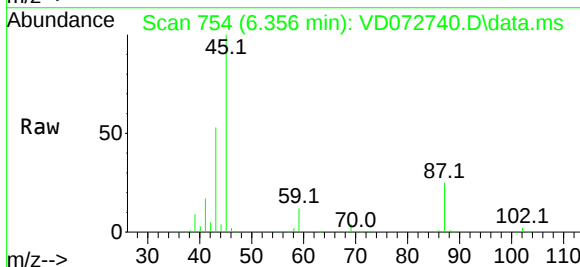
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

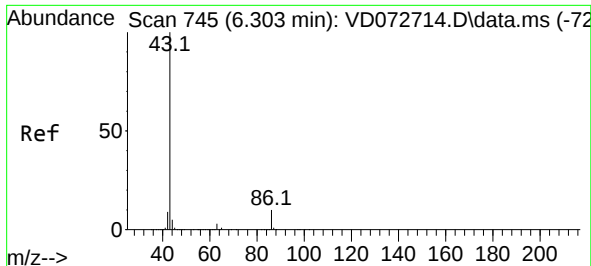
Tgt Ion: 96 Resp: 213286
Ion Ratio Lower Upper
96 100
61 134.1 117.9 176.9
98 64.4 49.4 74.2



#22
Diisopropyl ether
Concen: 49.682 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 45 Resp: 706670
Ion Ratio Lower Upper
45 100
43 52.1 46.6 70.0
87 25.2 18.4 27.6
59 12.2 8.6 13.0

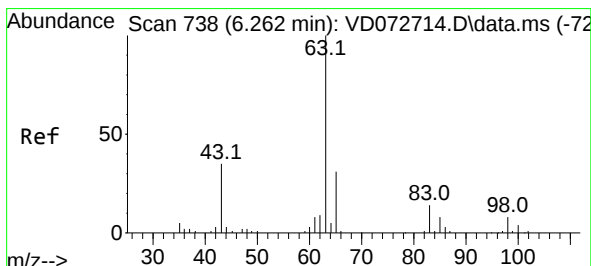
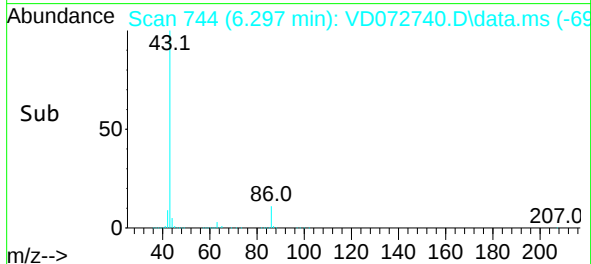
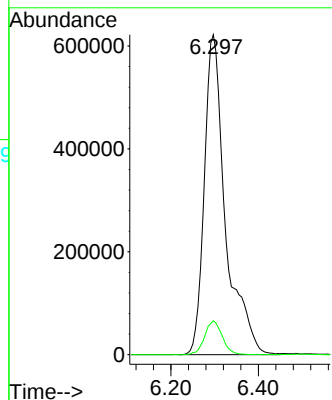
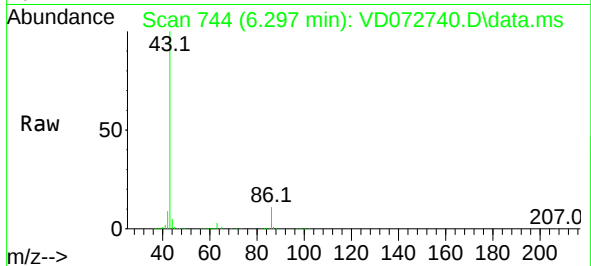




#23
 Vinyl Acetate
 Concen: 261.741 ug/l
 RT: 6.297 min Scan# 741
 Delta R.T. -0.006 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

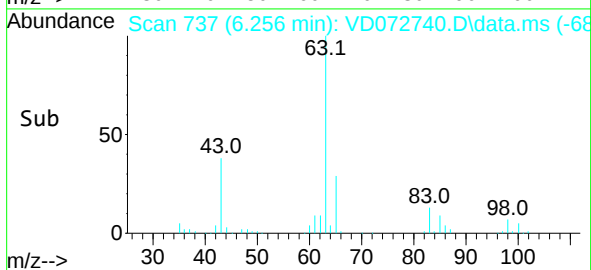
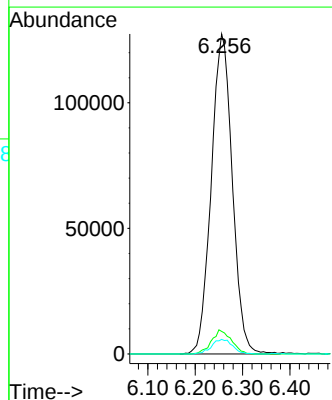
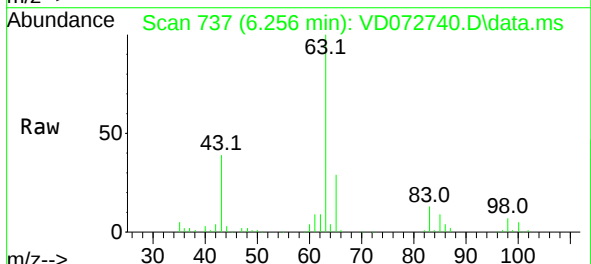
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

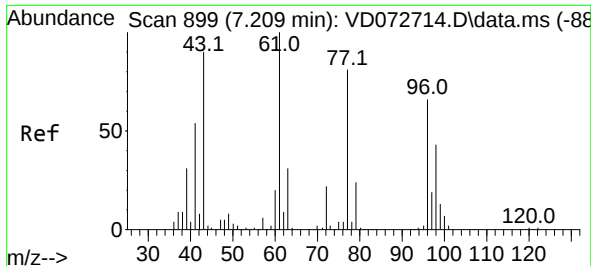
Tgt Ion: 43 Resp: 2102255
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 46.889 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

Tgt Ion: 63 Resp: 393267
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 277.877 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

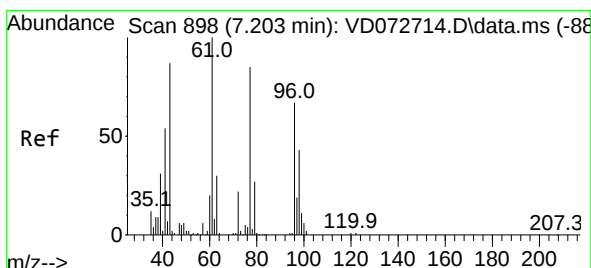
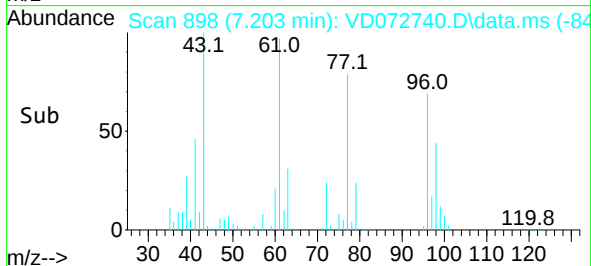
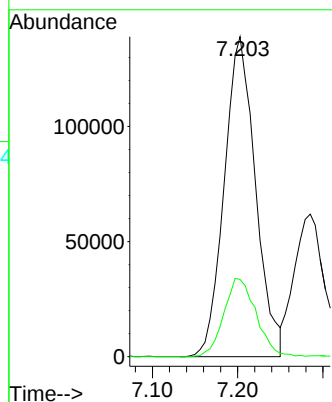
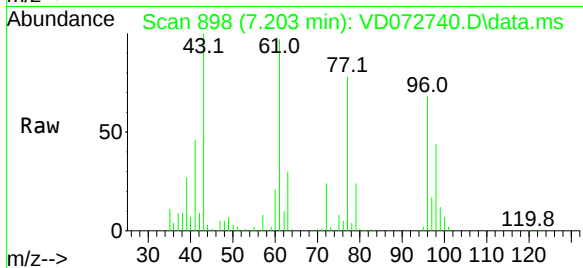
VSTDCCC050EC

Tgt Ion: 43 Resp: 354634

Ion Ratio Lower Upper

43 100

72 24.2 18.6 27.8



#26

2,2-Dichloropropane

Concen: 46.568 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD072740.D

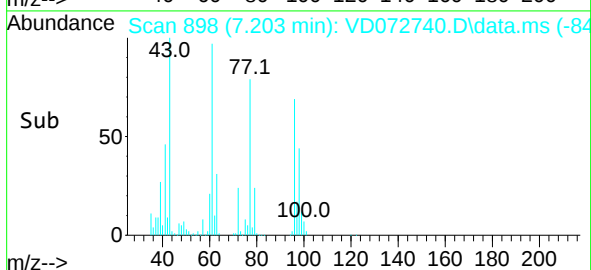
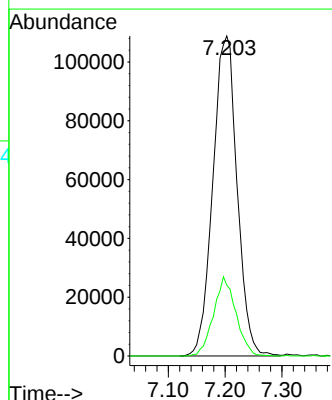
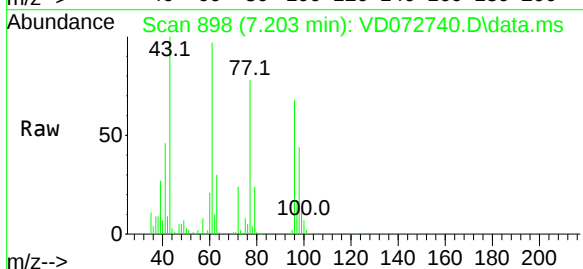
Acq: 29 Apr 2022 14:43

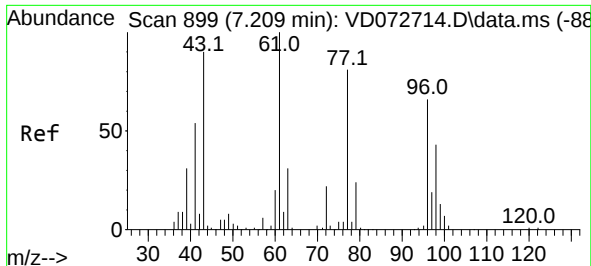
Tgt Ion: 77 Resp: 322197

Ion Ratio Lower Upper

77 100

97 22.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 47.643 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

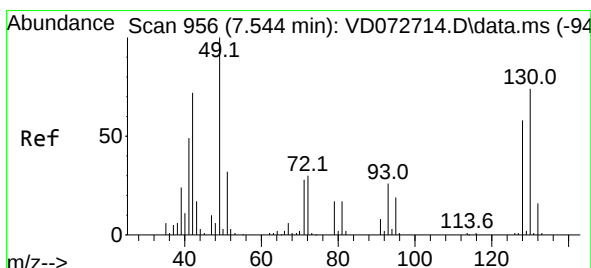
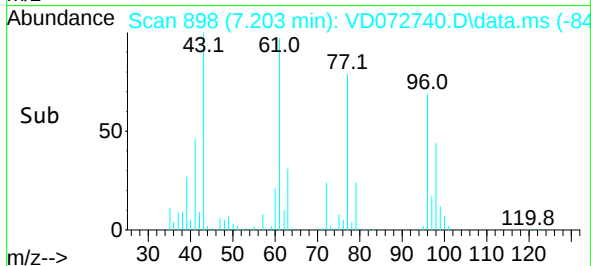
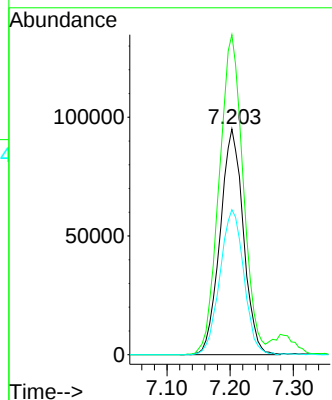
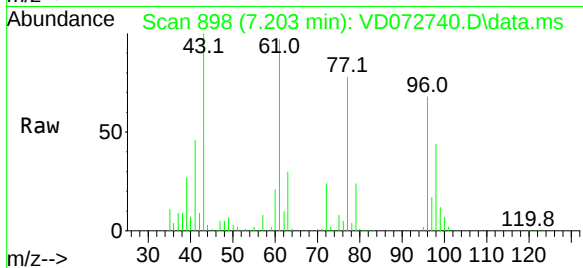
Tgt Ion: 96 Resp: 242658

Ion Ratio Lower Upper

96 100

61 146.4 0.0 313.8

98 66.2 0.0 128.8



#28

Bromochloromethane

Concen: 53.742 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

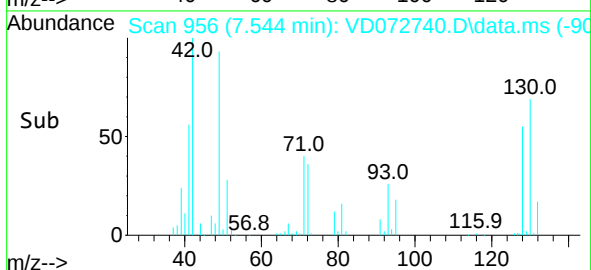
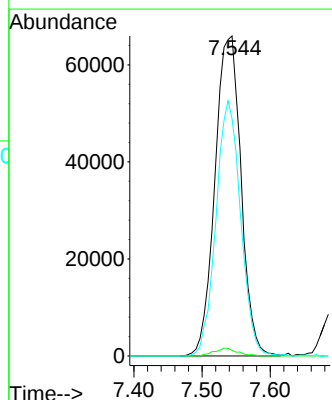
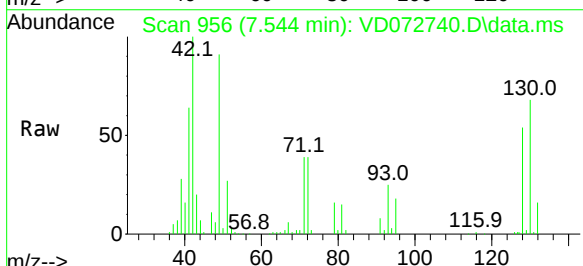
Tgt Ion: 49 Resp: 175546

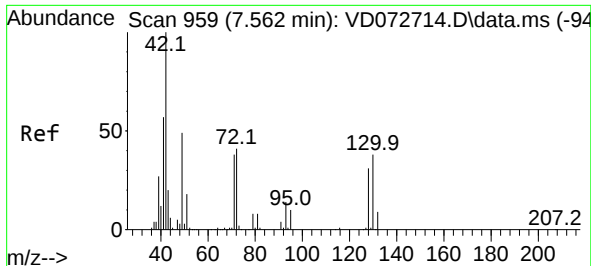
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 75.5 52.6 79.0





#29

Tetrahydrofuran

Concen: 269.868 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

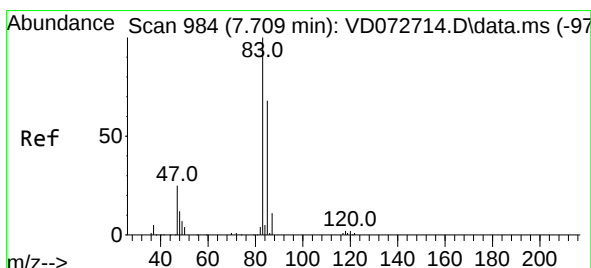
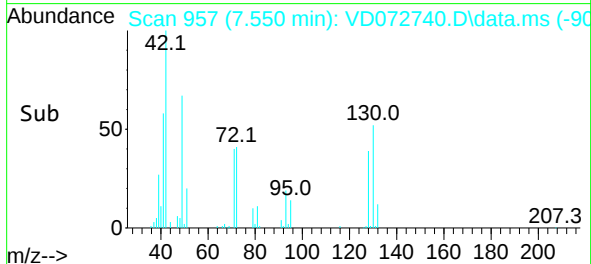
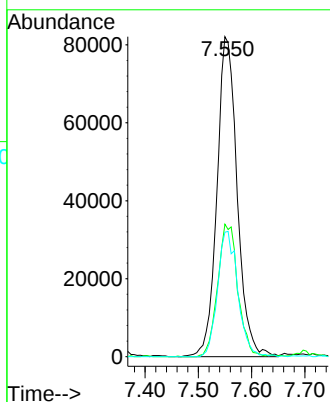
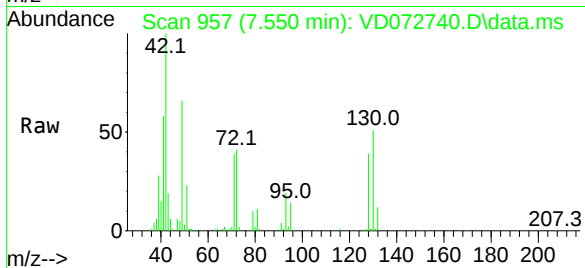
Tgt Ion: 42 Resp: 216733

Ion Ratio Lower Upper

42 100

72 41.3 30.7 46.1

71 39.1 28.6 43.0



#30

Chloroform

Concen: 47.152 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072740.D

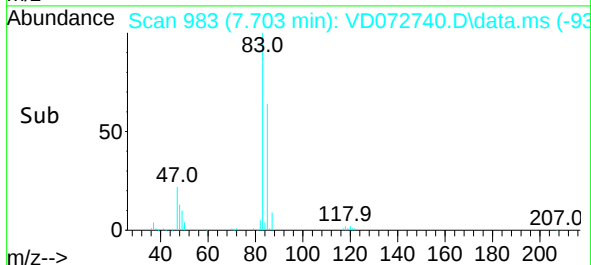
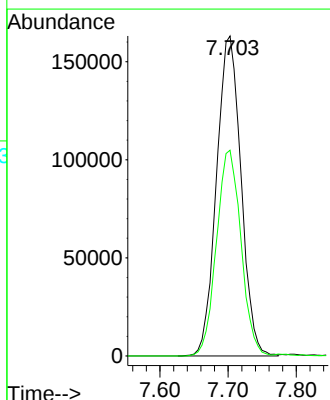
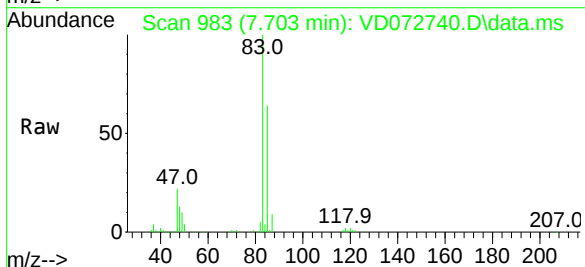
Acq: 29 Apr 2022 14:43

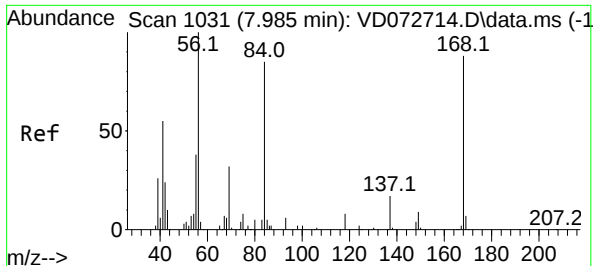
Tgt Ion: 83 Resp: 408709

Ion Ratio Lower Upper

83 100

85 64.3 52.7 79.1

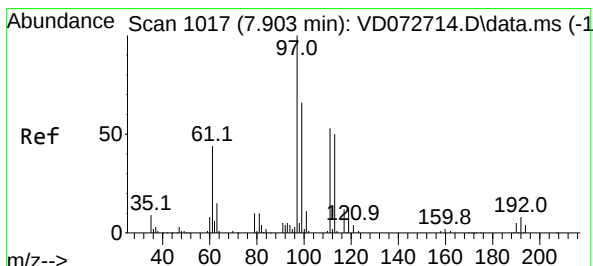
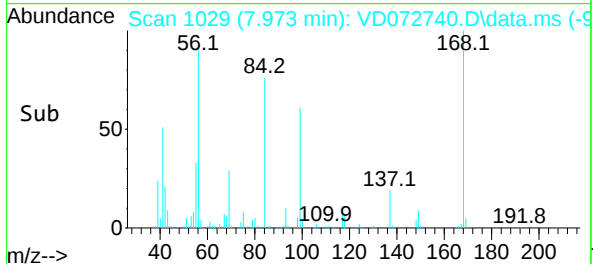
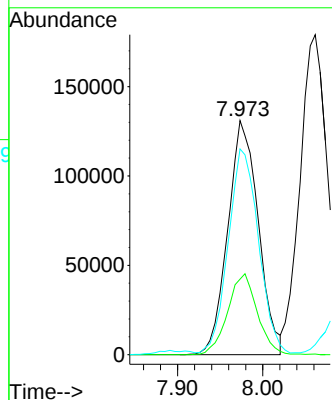
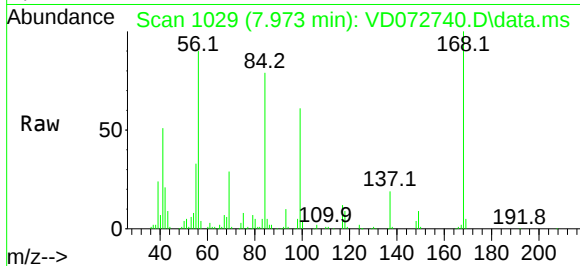




#31
Cyclohexane
Concen: 43.031 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

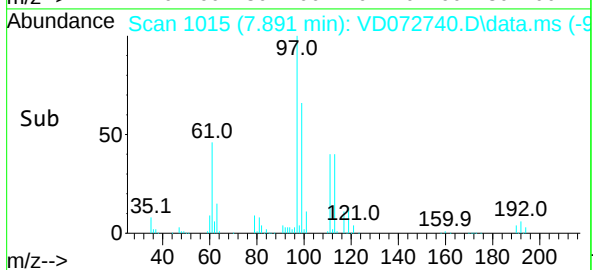
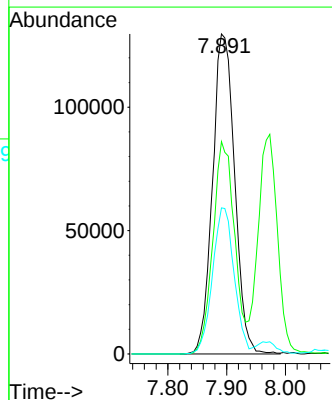
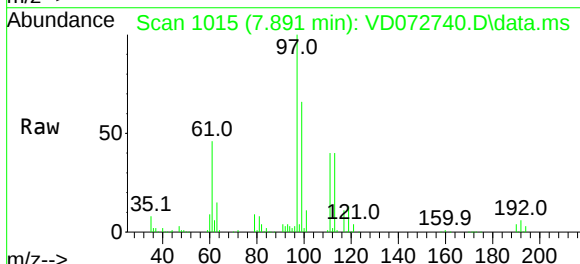
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

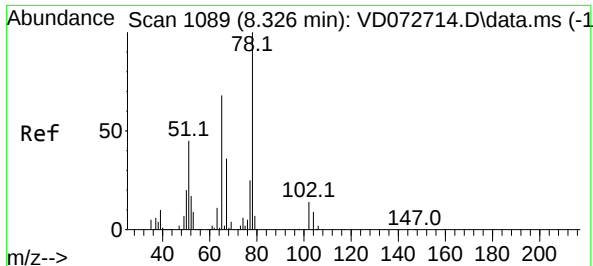
Tgt Ion: 56 Resp: 326015
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.2
84 86.6 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 46.110 ug/l
RT: 7.891 min Scan# 1015
Delta R.T. -0.012 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 97 Resp: 338671
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 44.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.187 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

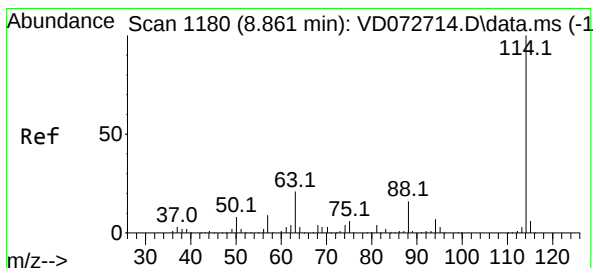
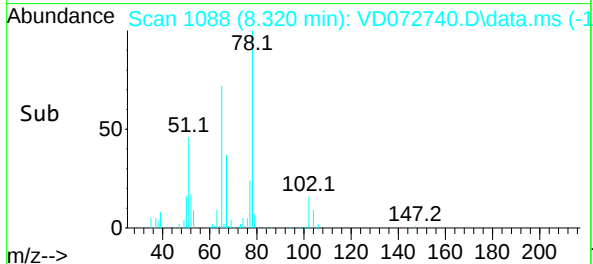
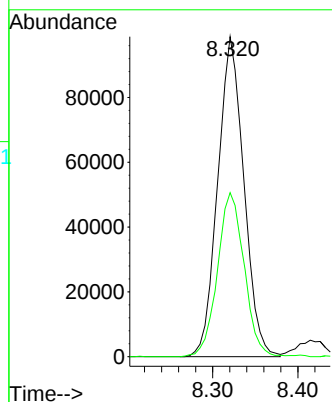
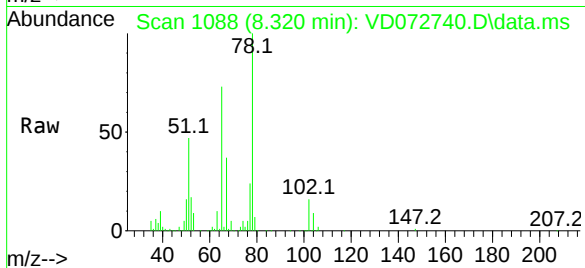
VSTDCCC050EC

Tgt Ion: 65 Resp: 210283

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

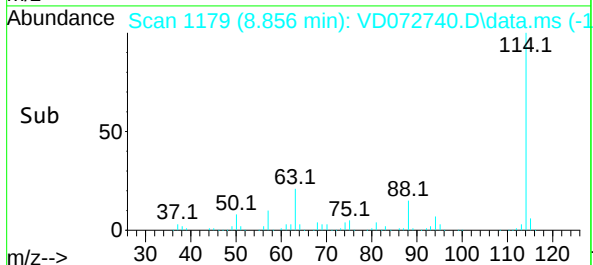
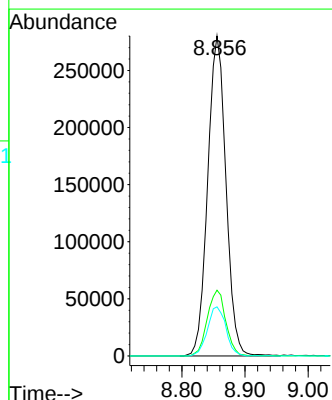
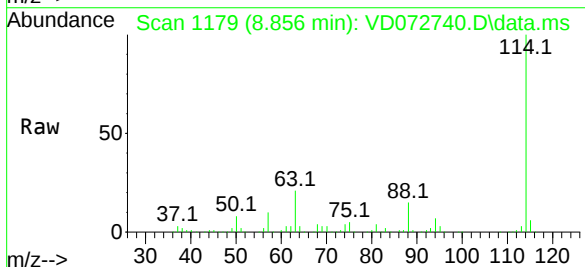
Tgt Ion: 114 Resp: 561885

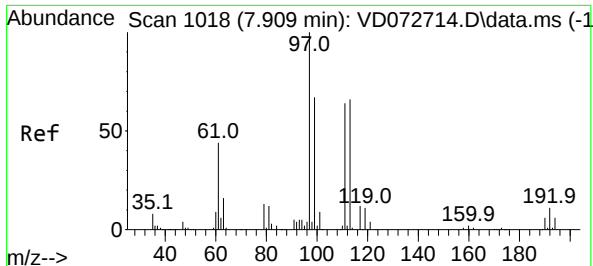
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.019 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

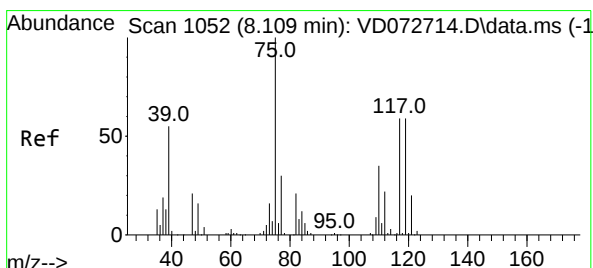
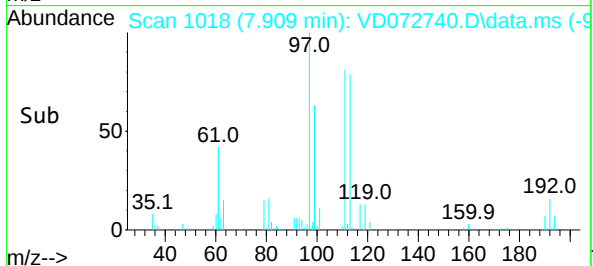
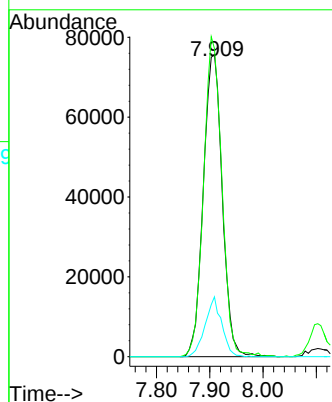
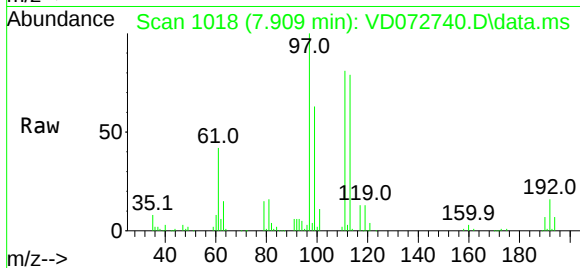
Tgt Ion:113 Resp: 187166

Ion Ratio Lower Upper

113 100

111 102.0 83.8 125.6

192 17.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 46.910 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

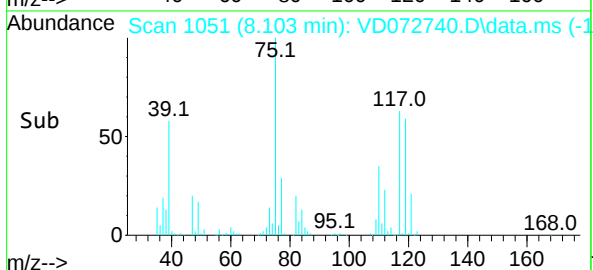
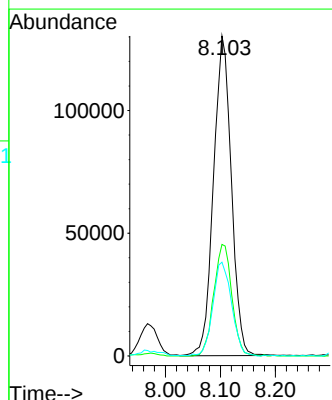
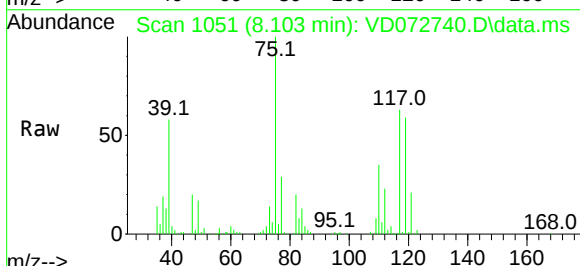
Tgt Ion: 75 Resp: 294098

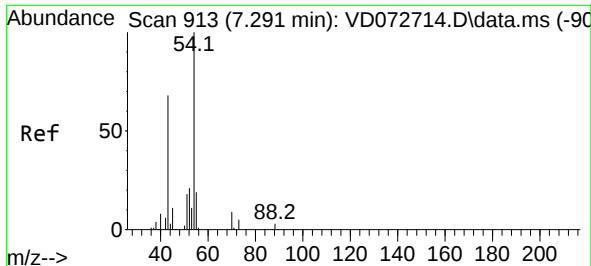
Ion Ratio Lower Upper

75 100

110 35.4 16.4 49.1

77 30.8 24.2 36.2

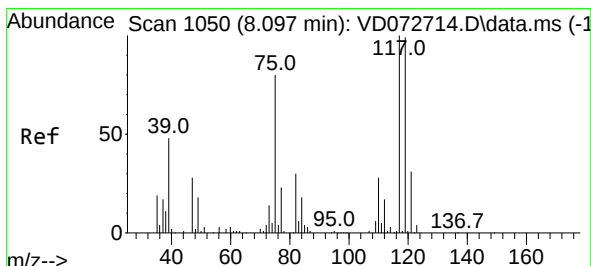
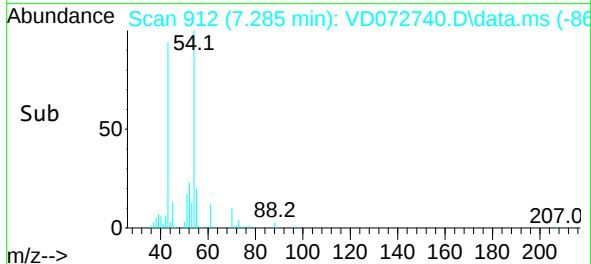
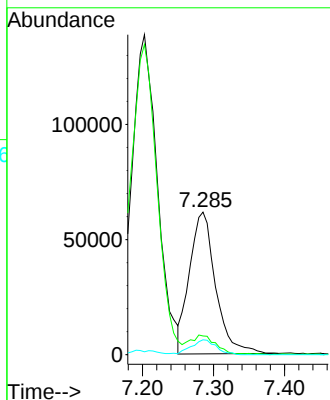
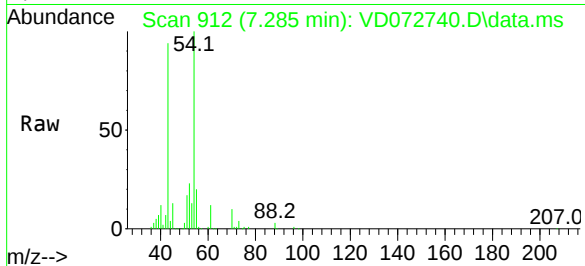




#37
Ethyl Acetate
Concen: 55.160 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

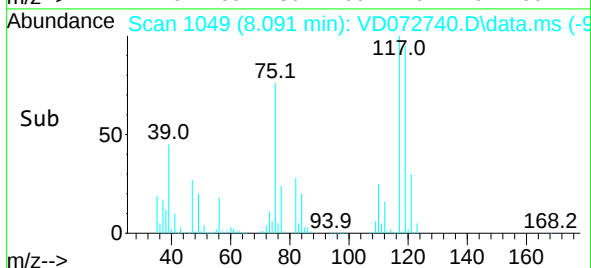
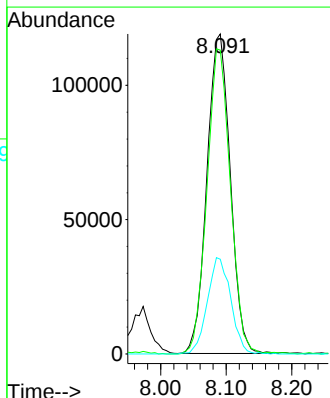
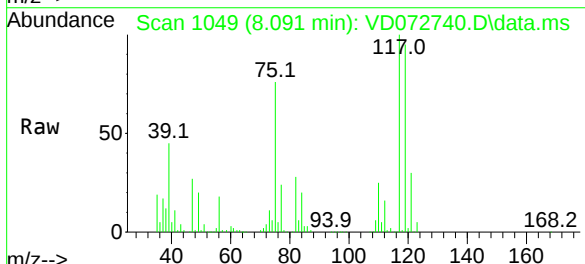
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

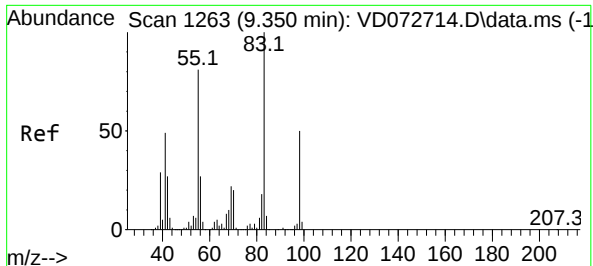
Tgt Ion: 43 Resp: 157493
Ion Ratio Lower Upper
43 100
61 14.3 9.8 14.8
70 10.2 6.9 10.3



#38
Carbon Tetrachloride
Concen: 46.468 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 117 Resp: 294432
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6
121 29.7 24.5 36.7





#39

Methylcyclohexane

Concen: 45.736 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

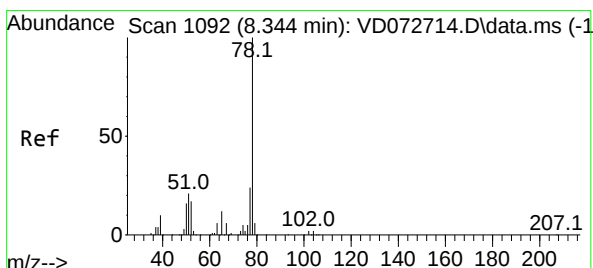
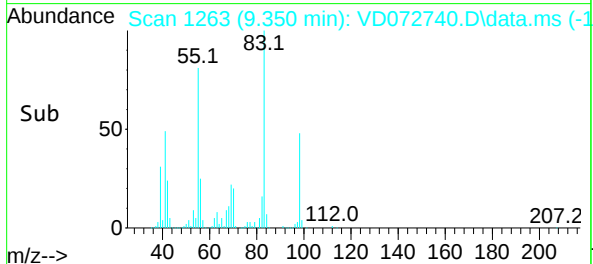
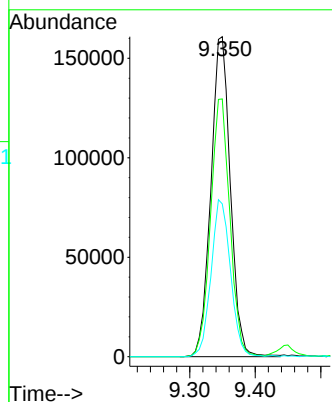
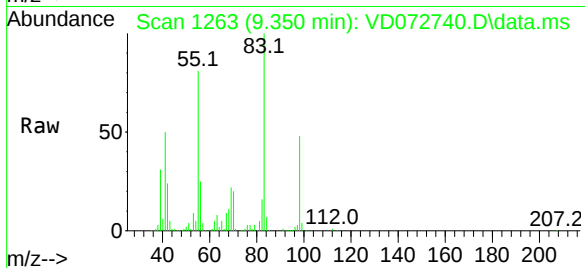
Tgt Ion: 83 Resp: 332035

Ion Ratio Lower Upper

83 100

55 80.5 63.2 94.8

98 47.8 38.2 57.4



#40

Benzene

Concen: 48.517 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD072740.D

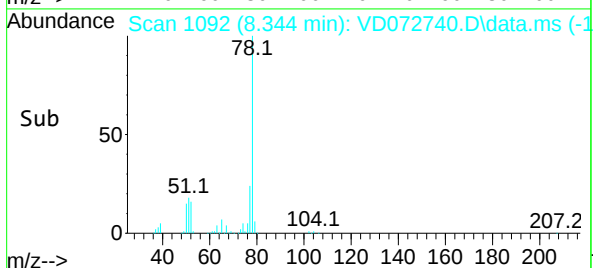
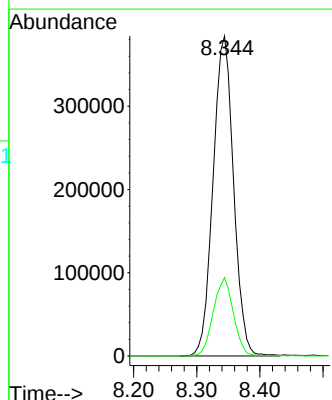
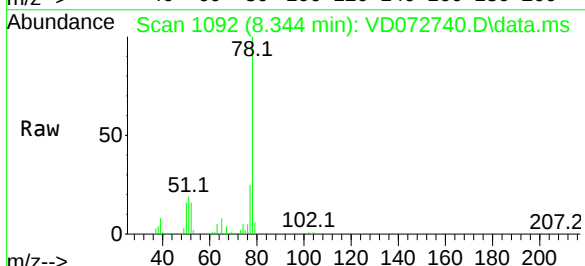
Acq: 29 Apr 2022 14:43

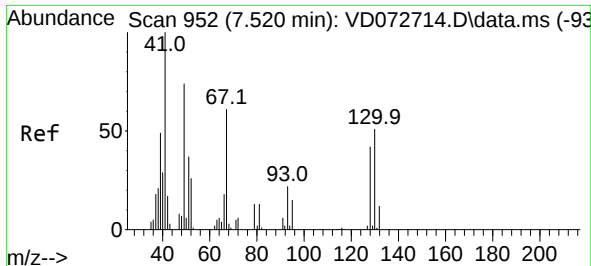
Tgt Ion: 78 Resp: 866011

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

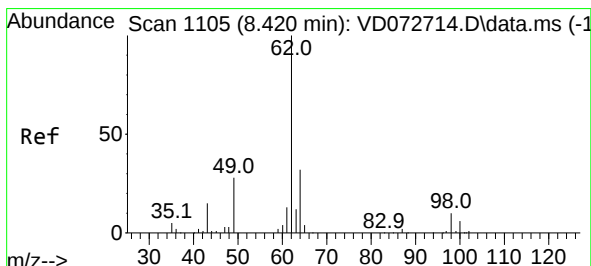
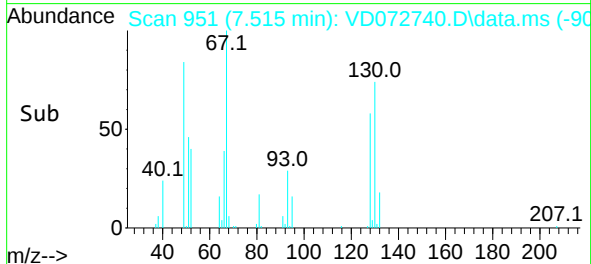
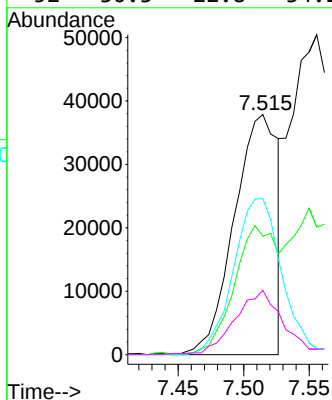
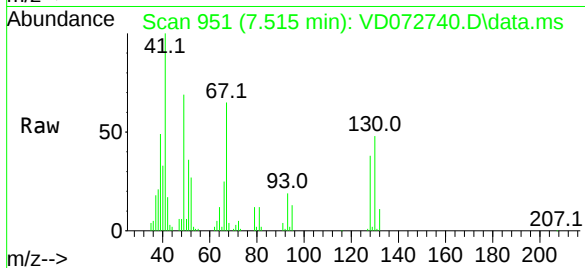




#41
Methacrylonitrile
Concen: 53.424 ug/l
RT: 7.515 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

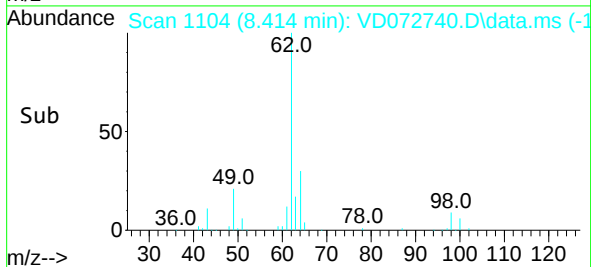
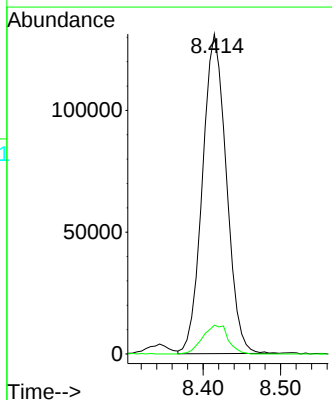
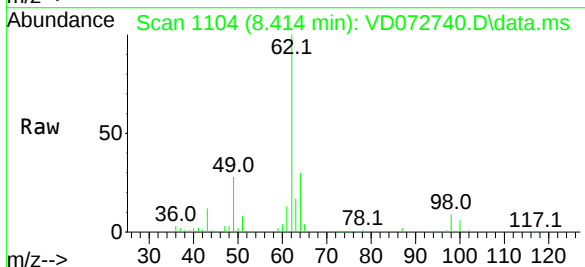
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

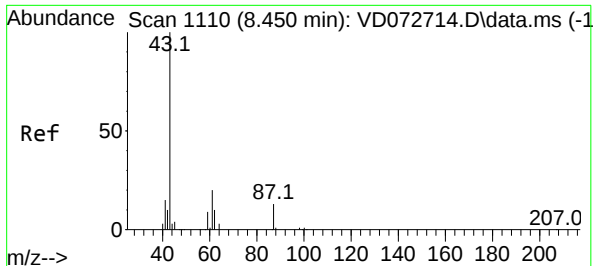
Tgt Ion: 41	Resp: 87513
Ion Ratio	Lower Upper
41 100	
39 51.9	44.6 67.0
67 72.0	48.2 72.4
52 30.3	22.8 34.2



#42
1,2-Dichloroethane
Concen: 50.073 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 62	Resp: 281692
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 17.6





#43

Isopropyl Acetate

Concen: 52.685 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

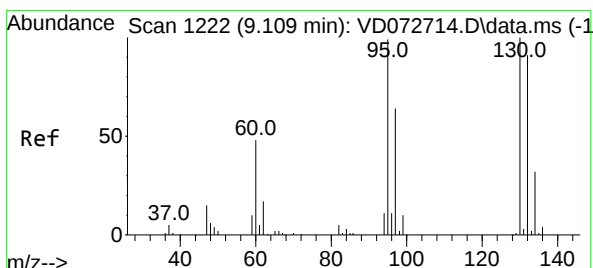
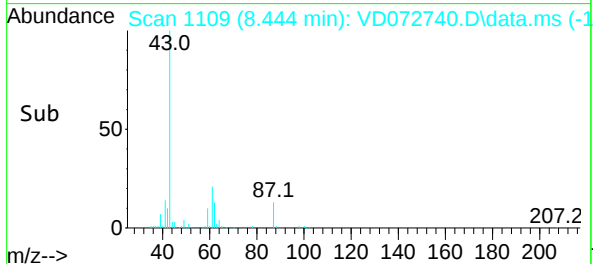
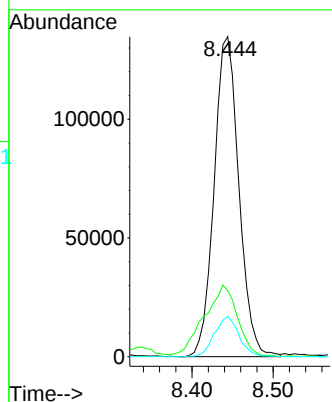
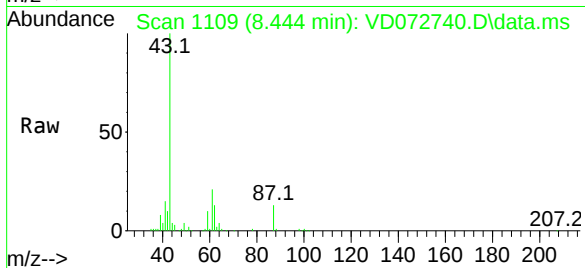
Tgt Ion: 43 Resp: 285848

Ion Ratio Lower Upper

43 100

61 30.5 22.4 33.6

87 12.5 8.7 13.1



#44

Trichloroethene

Concen: 47.030 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD072740.D

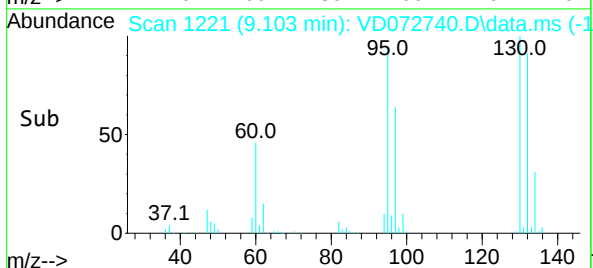
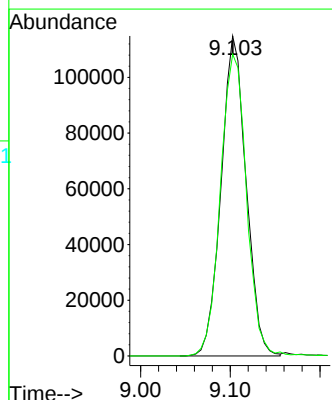
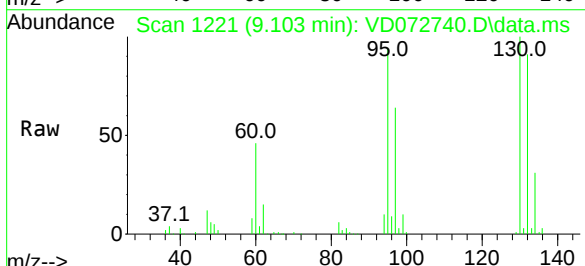
Acq: 29 Apr 2022 14:43

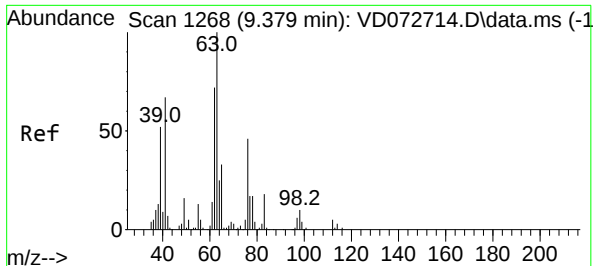
Tgt Ion:130 Resp: 222088

Ion Ratio Lower Upper

130 100

95 94.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.746 ug/l

RT: 9.373 min Scan# 1267

Delta R.T. -0.006 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

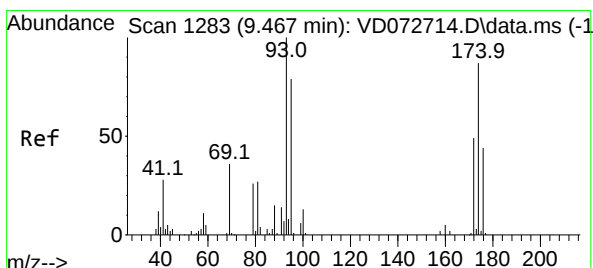
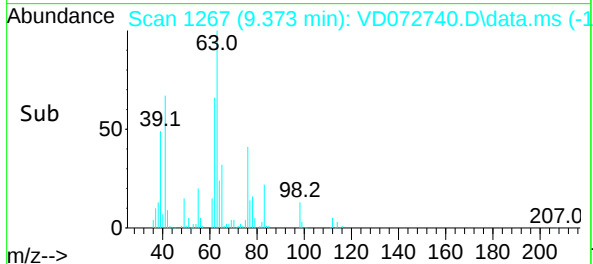
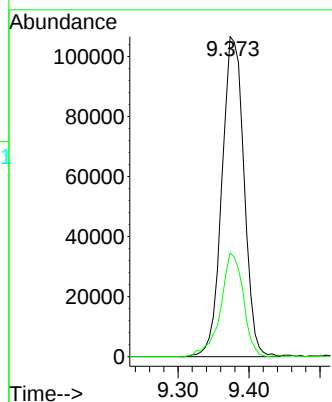
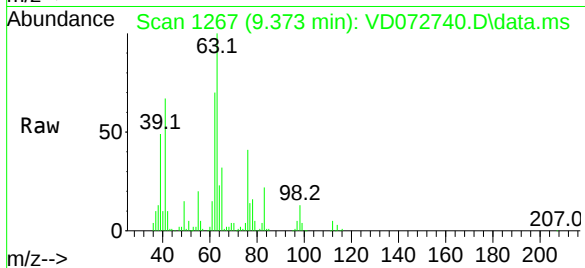
VSTDCCC050EC

Tgt Ion: 63 Resp: 229643

Ion Ratio Lower Upper

63 100

65 32.5 26.2 39.4



#46

Dibromomethane

Concen: 50.409 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

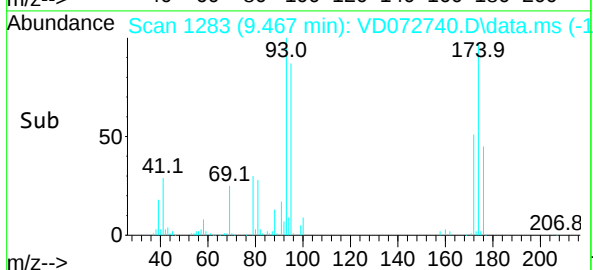
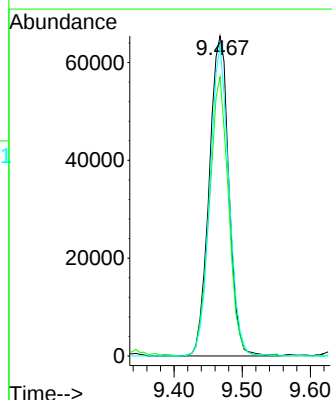
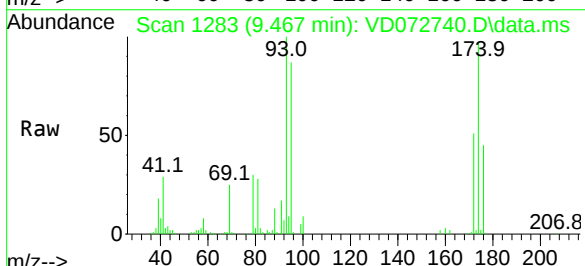
Tgt Ion: 93 Resp: 131800

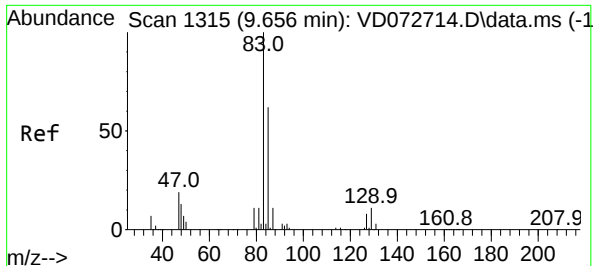
Ion Ratio Lower Upper

93 100

95 84.7 66.7 100.1

174 93.7 71.6 107.4

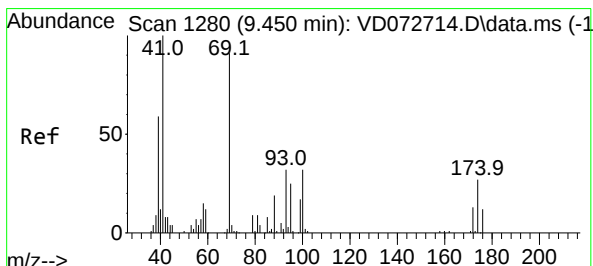
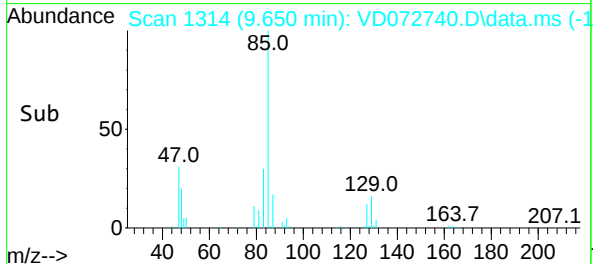
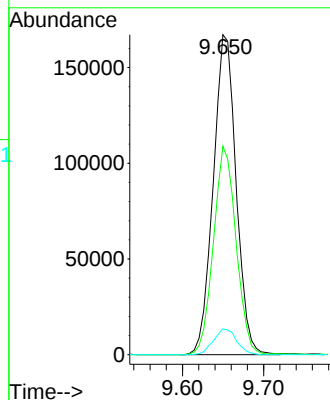
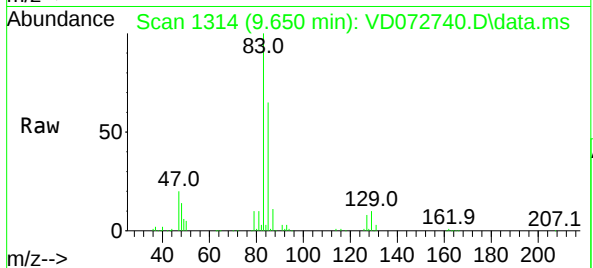




#47
Bromodichloromethane
Concen: 49.275 ug/l
RT: 9.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

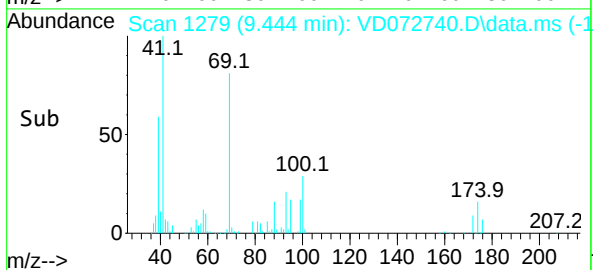
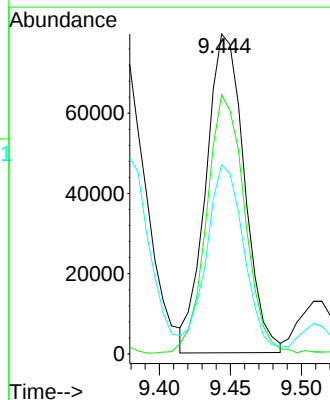
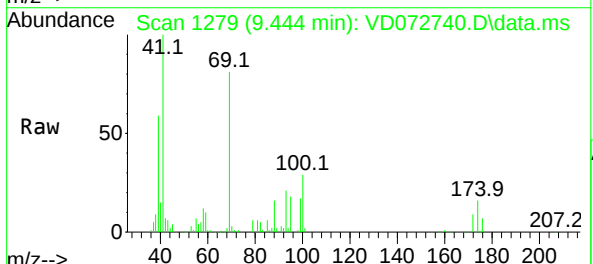
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

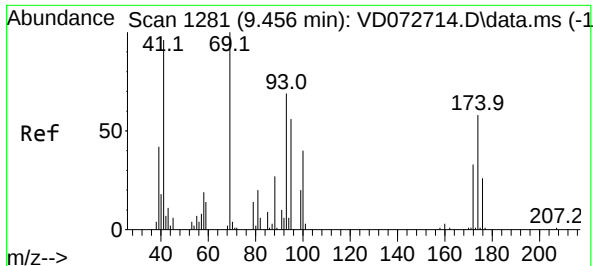
Tgt Ion: 83 Resp: 327471
Ion Ratio Lower Upper
83 100
85 65.1 51.4 77.0
127 8.1 6.1 9.1



#48
Methyl methacrylate
Concen: 54.967 ug/l
RT: 9.444 min Scan# 1279
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 41 Resp: 149597
Ion Ratio Lower Upper
41 100
69 80.7 56.7 85.1
39 53.7 42.7 64.1





#49

1,4-Dioxane

Concen: 1057.458 ug/l

RT: 9.456 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

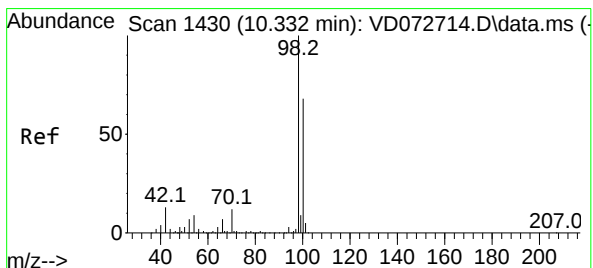
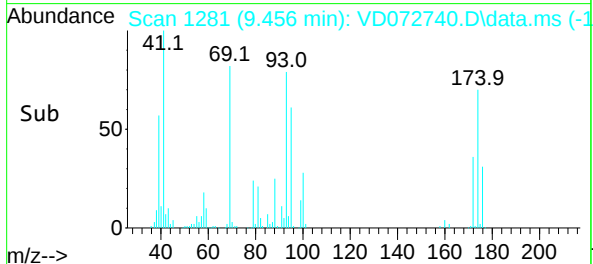
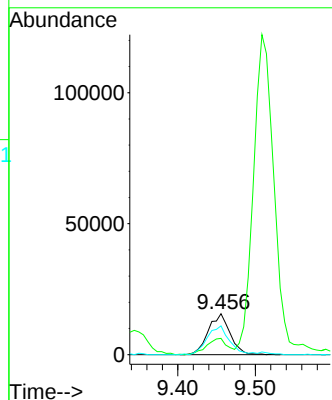
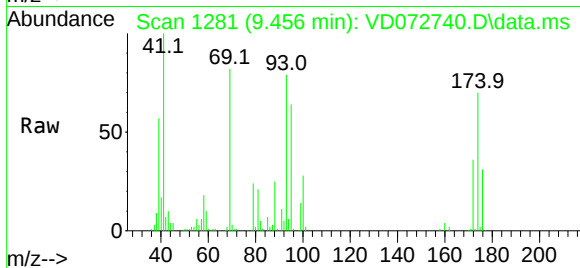
Tgt Ion: 88 Resp: 30515

Ion Ratio Lower Upper

88 100

43 38.7 31.0 46.4

58 72.6 58.1 87.1



#50

Toluene-d8

Concen: 48.993 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072740.D

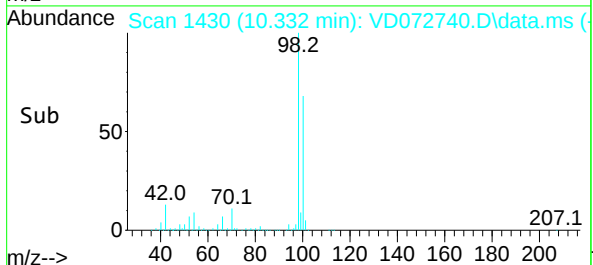
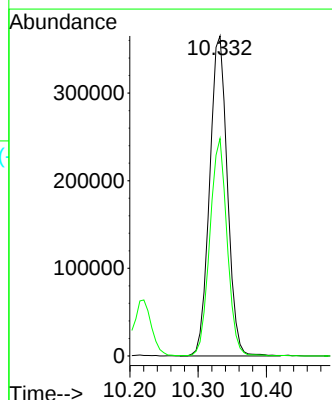
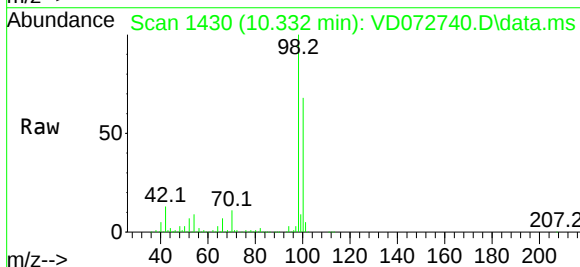
Acq: 29 Apr 2022 14:43

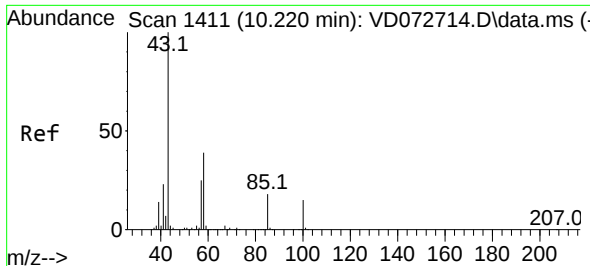
Tgt Ion: 98 Resp: 660913

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6

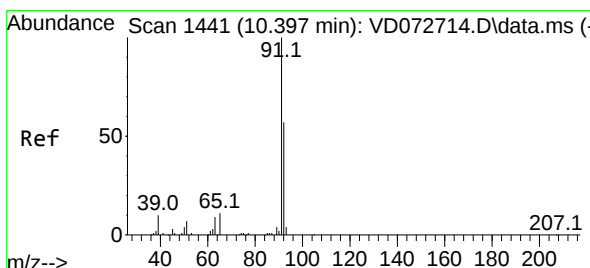
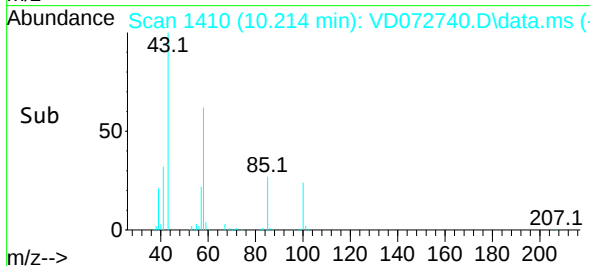
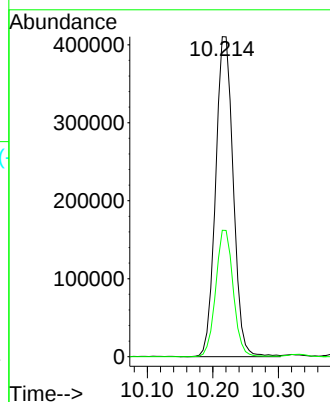
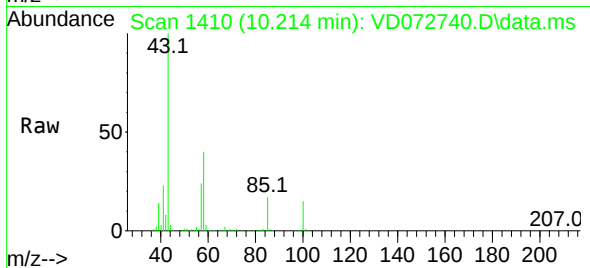




#51
4-Methyl-2-Pentanone
Concen: 274.820 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

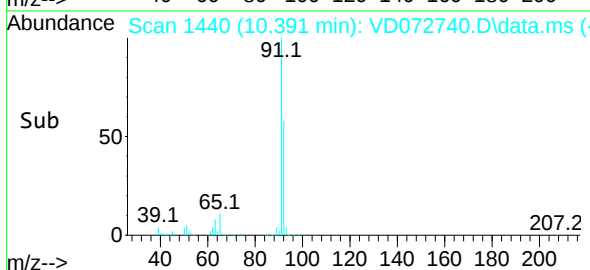
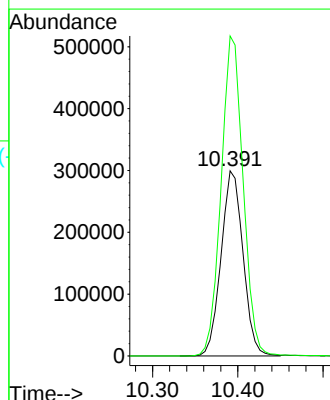
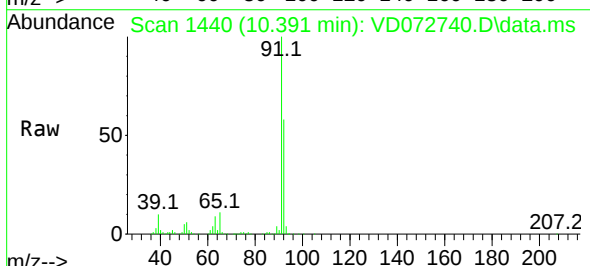
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

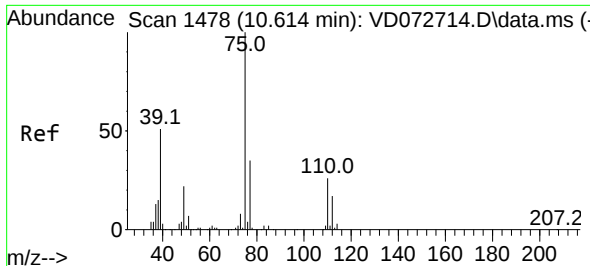
Tgt Ion: 43 Resp: 766283
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0



#52
Toluene
Concen: 48.132 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 92 Resp: 536717
Ion Ratio Lower Upper
92 100
91 173.3 139.6 209.4

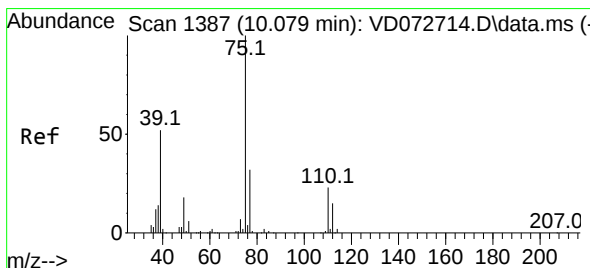
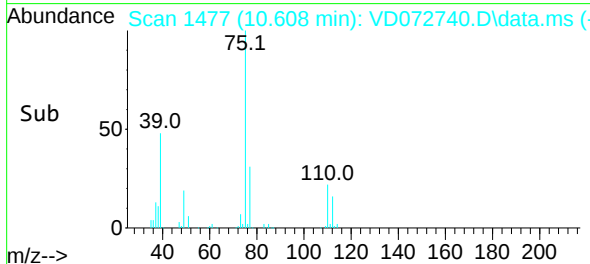
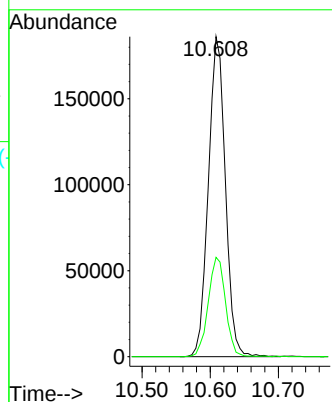
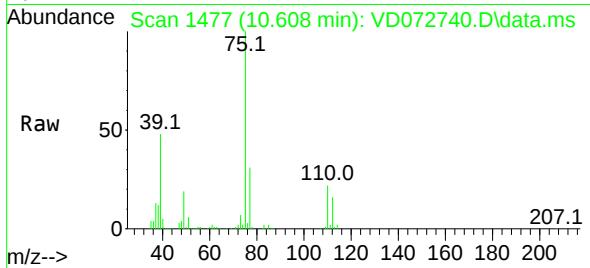




#53
t-1,3-Dichloropropene
Concen: 52.624 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

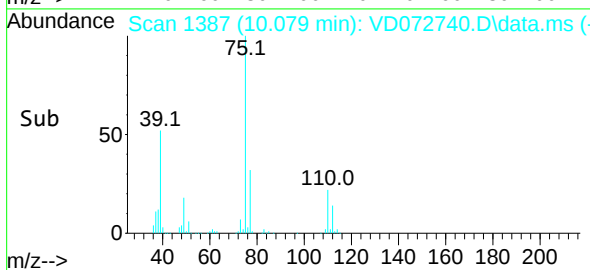
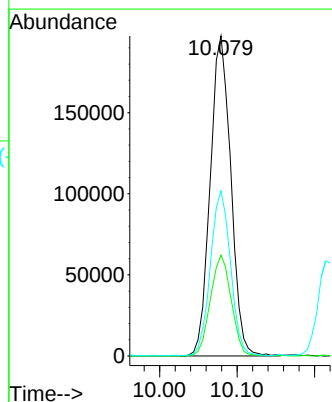
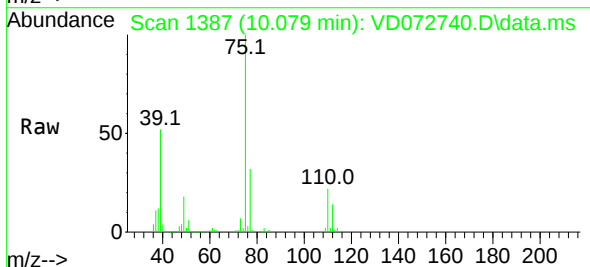
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

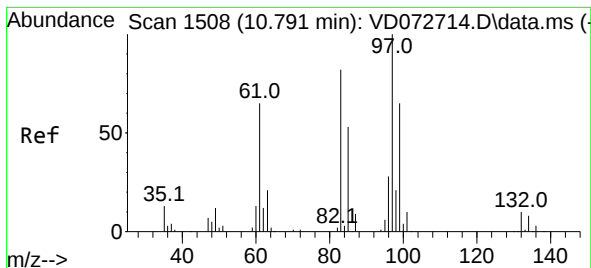
Tgt Ion: 75 Resp: 322737
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.092 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 75 Resp: 365478
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 51.4 46.8 70.2



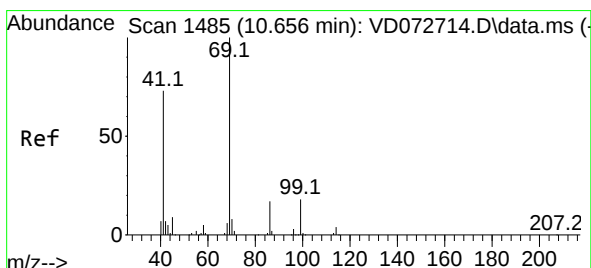
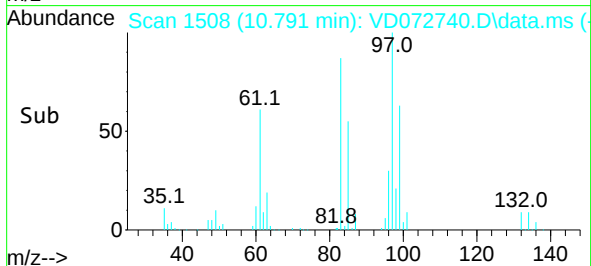
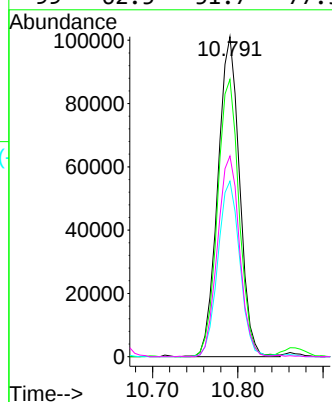
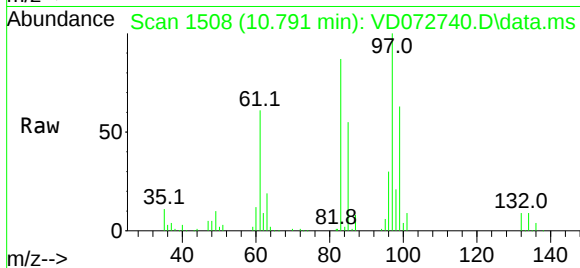


#55
1,1,2-Trichloroethane
Concen: 51.008 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 179520

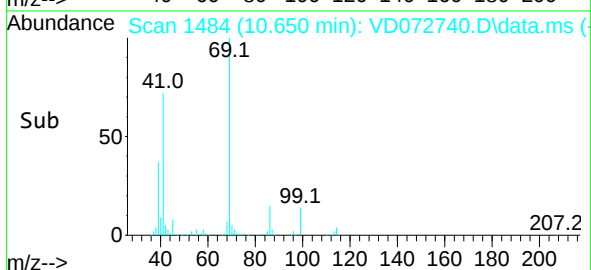
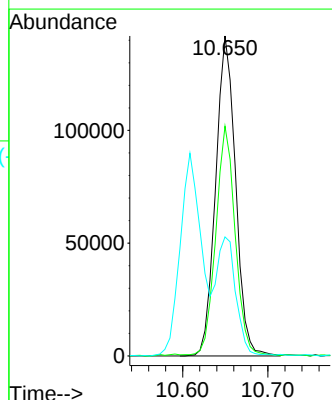
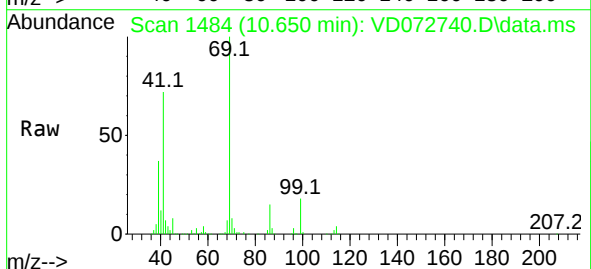
Ion	Ratio	Lower	Upper
97	100		
83	86.6	69.0	103.4
85	54.9	42.6	63.8
99	62.5	51.7	77.5

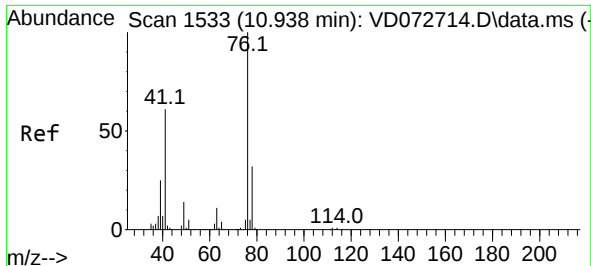


#56
Ethyl methacrylate
Concen: 55.923 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 69 Resp: 230618

Ion	Ratio	Lower	Upper
69	100		
41	69.7	63.0	94.6
39	36.1	33.8	50.8





#57

1,3-Dichloropropane

Concen: 51.724 ug/l

RT: 10.932 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

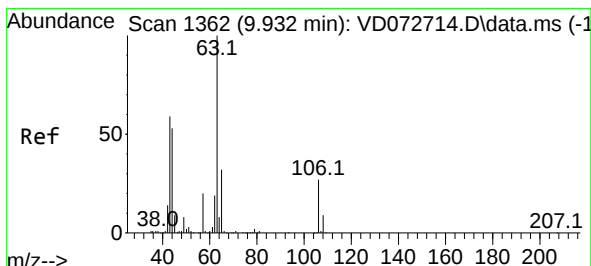
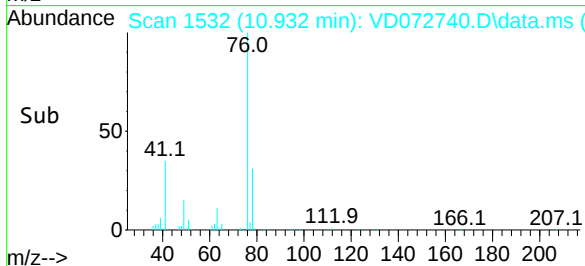
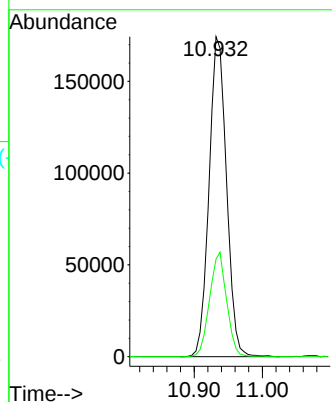
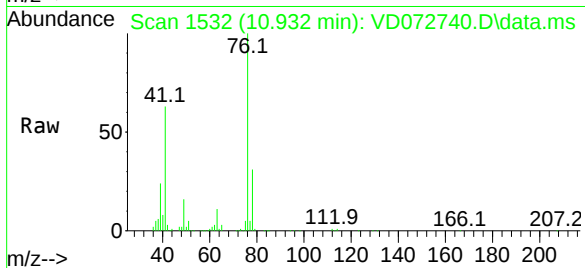
VSTDCCC050EC

Tgt Ion: 76 Resp: 310523

Ion Ratio Lower Upper

76 100

78 31.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 275.951 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD072740.D

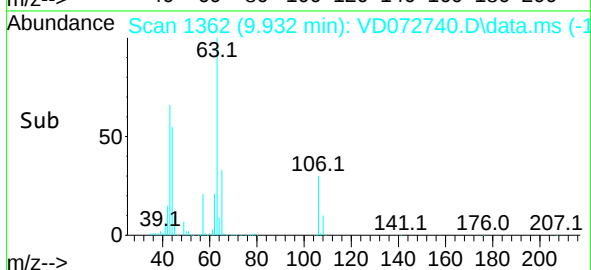
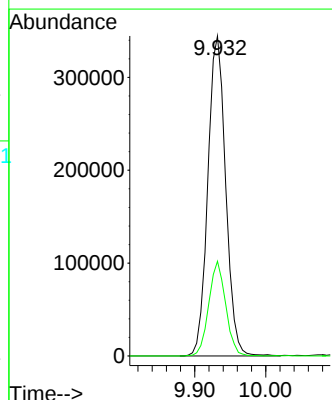
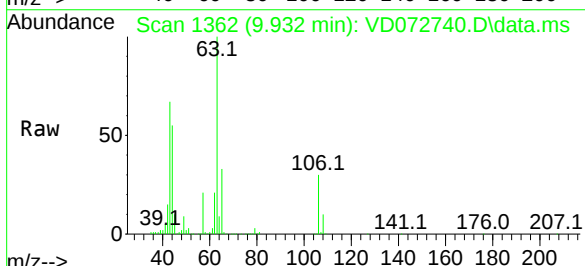
Acq: 29 Apr 2022 14:43

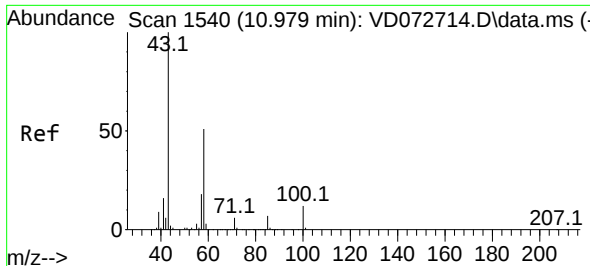
Tgt Ion: 63 Resp: 601946

Ion Ratio Lower Upper

63 100

106 28.1 21.4 32.0

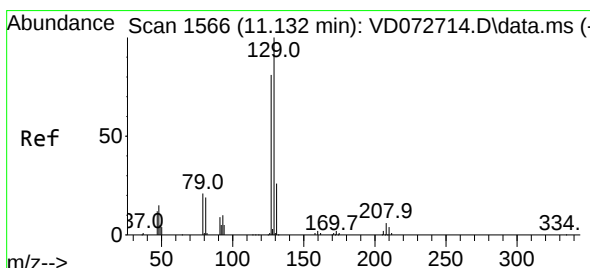
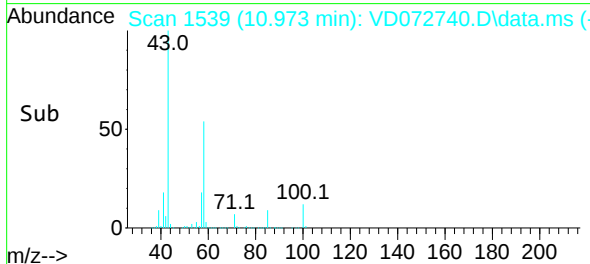
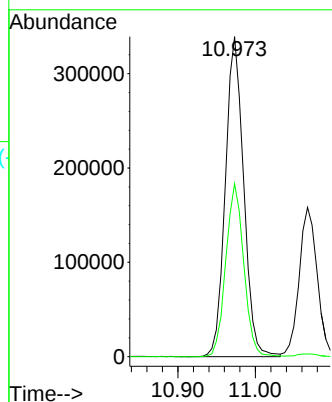
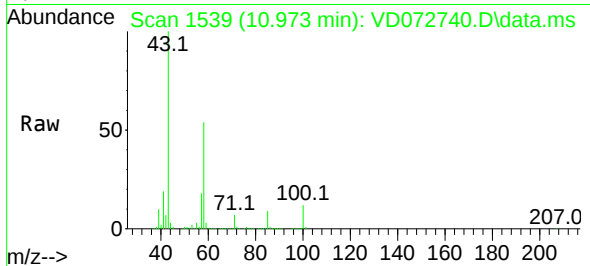




#59
2-Hexanone
Concen: 298.302 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

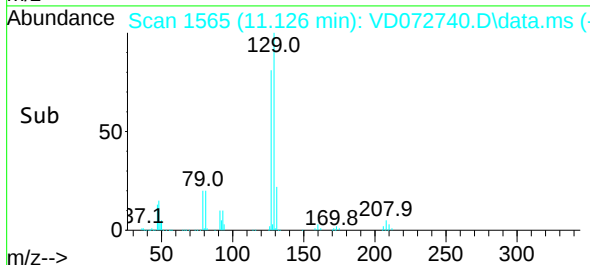
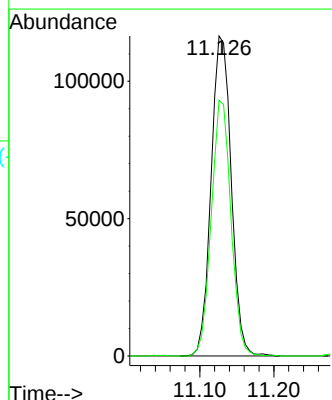
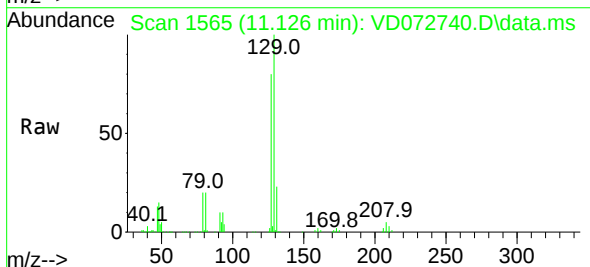
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

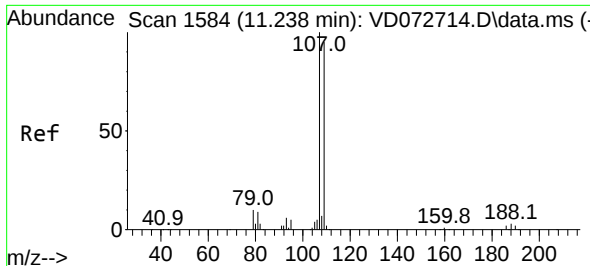
Tgt Ion: 43 Resp: 557713
Ion Ratio Lower Upper
43 100
58 53.0 25.3 75.9



#60
Dibromochloromethane
Concen: 50.809 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 129 Resp: 219542
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6

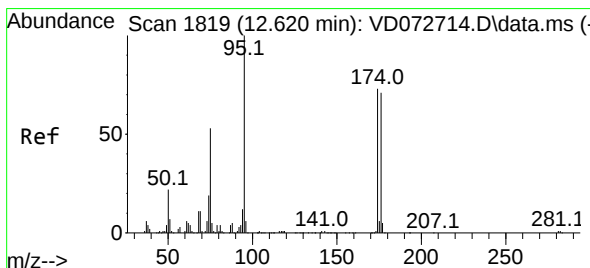
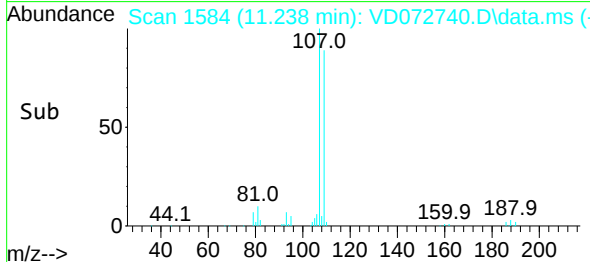
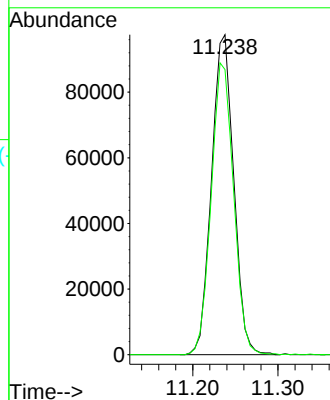
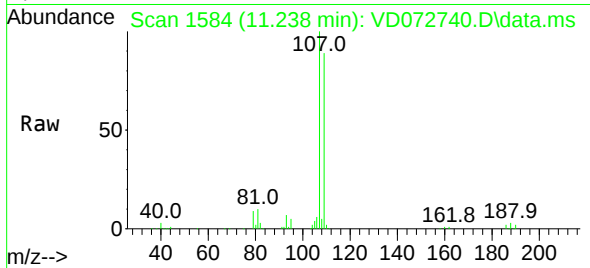




#61
1,2-Dibromoethane
Concen: 52.856 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

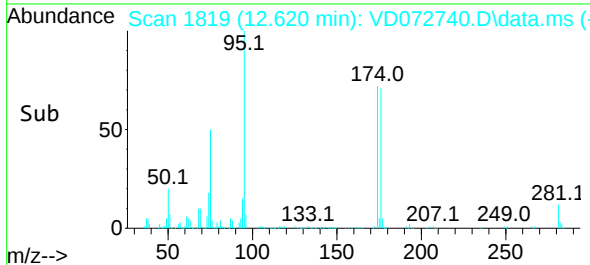
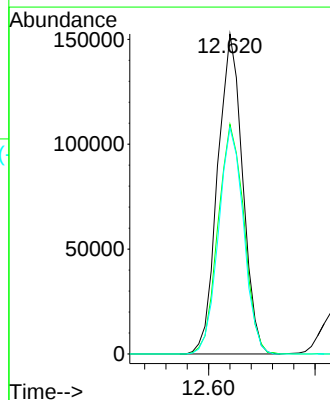
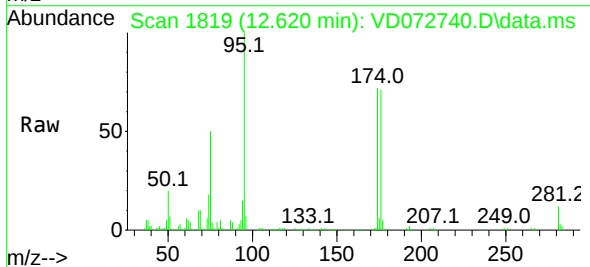
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

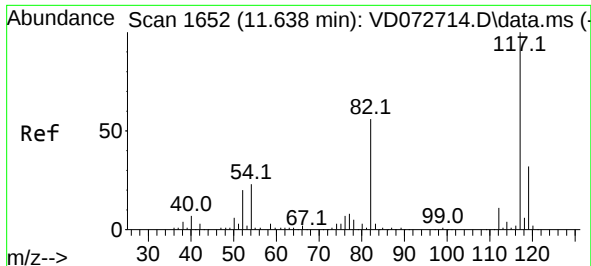
Tgt Ion:107 Resp: 176511
Ion Ratio Lower Upper
107 100
109 92.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.747 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 95 Resp: 248010
Ion Ratio Lower Upper
95 100
174 74.4 0.0 152.8
176 70.8 0.0 145.4

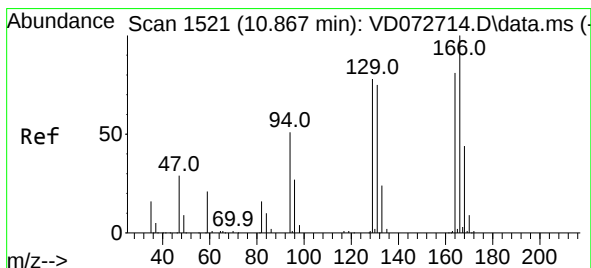
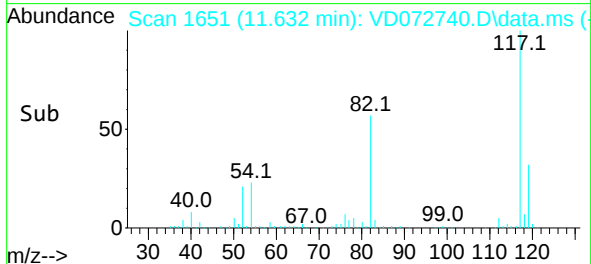
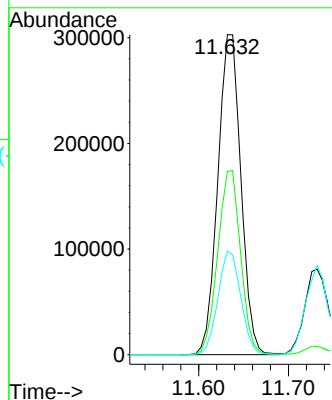
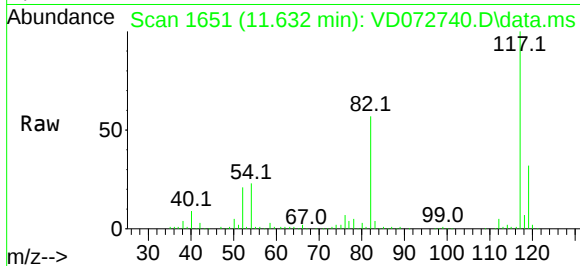




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

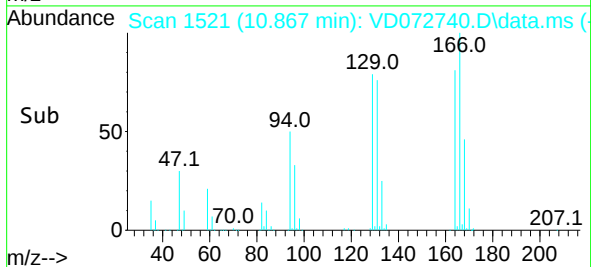
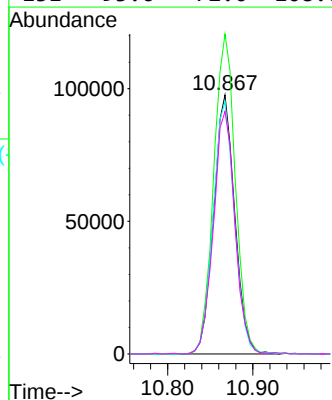
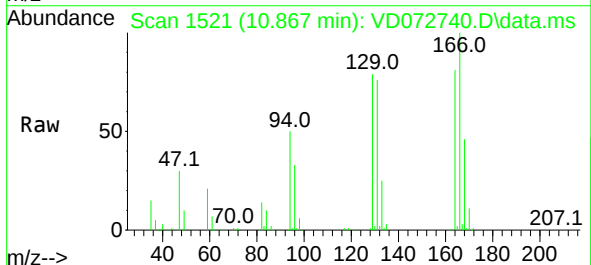
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

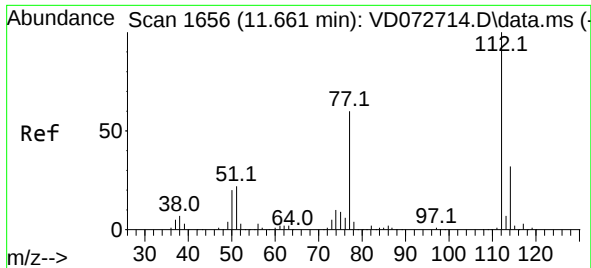
Tgt Ion:117 Resp: 541834
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 32.4 26.6 40.0



#64
Tetrachloroethene
Concen: 45.559 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion:164 Resp: 169308
Ion Ratio Lower Upper
164 100
166 123.6 98.5 147.7
129 97.3 74.6 111.8
131 93.6 72.0 108.0

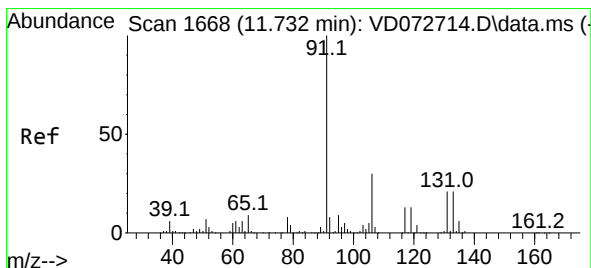
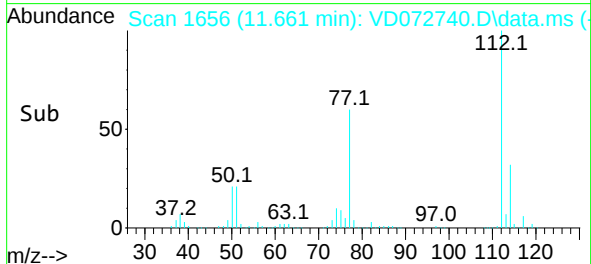
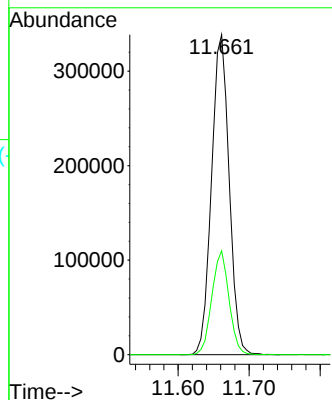
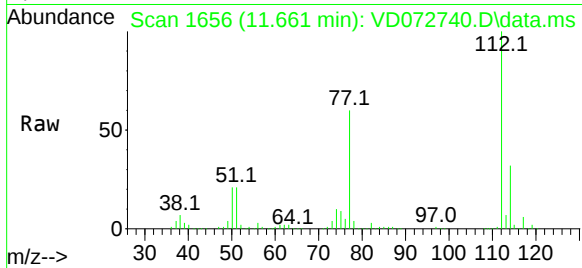




#65
Chlorobenzene
Concen: 48.711 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

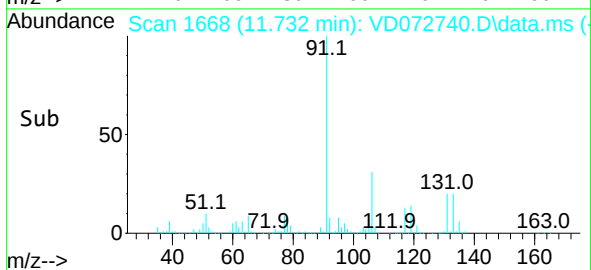
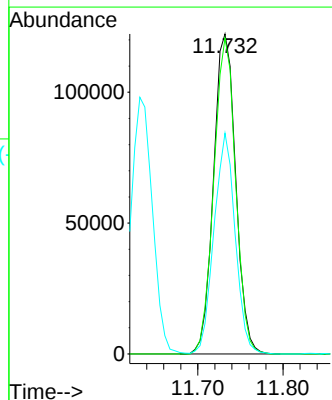
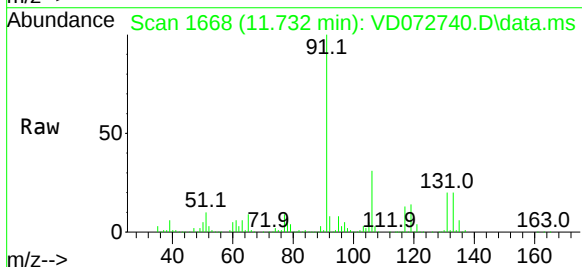
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

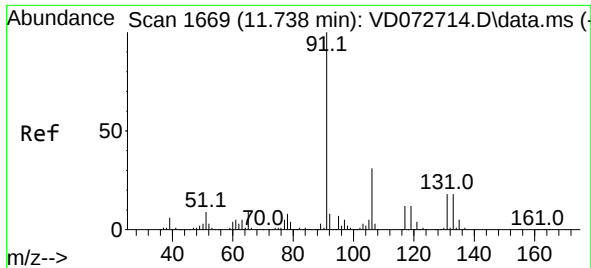
Tgt Ion:112 Resp: 582617
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.230 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion:131 Resp: 220720
Ion Ratio Lower Upper
131 100
133 97.0 48.1 144.3
119 66.0 31.9 95.9

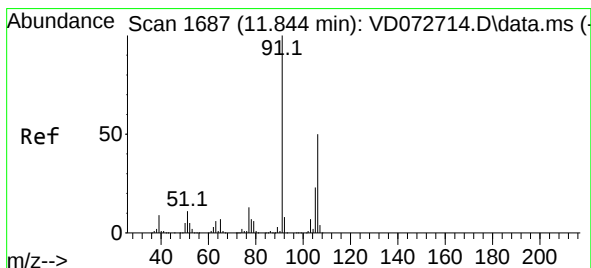
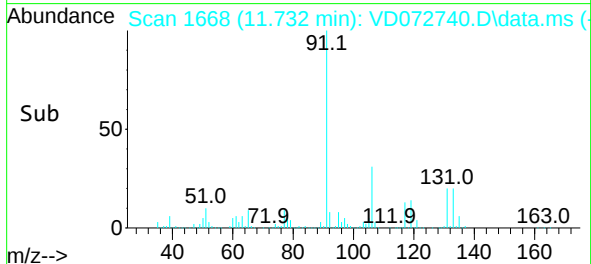
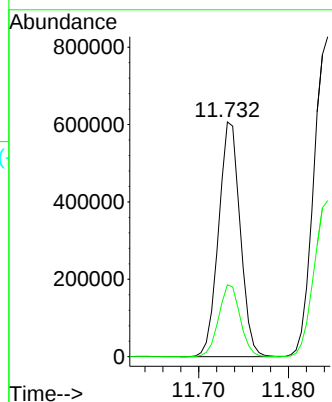
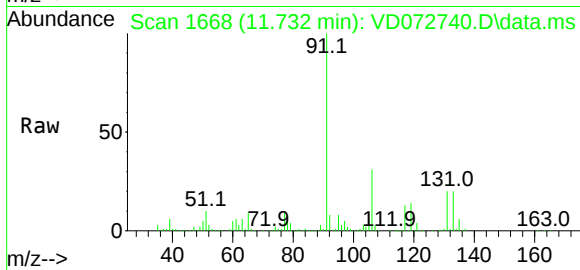




#67
Ethyl Benzene
Concen: 48.311 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

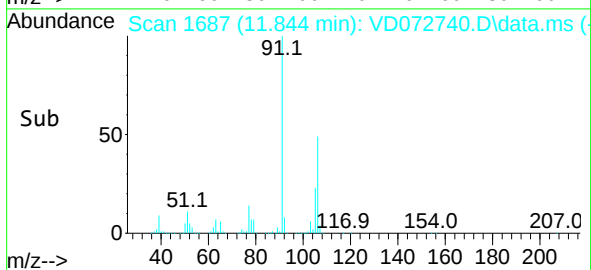
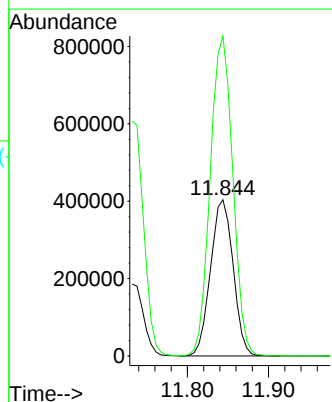
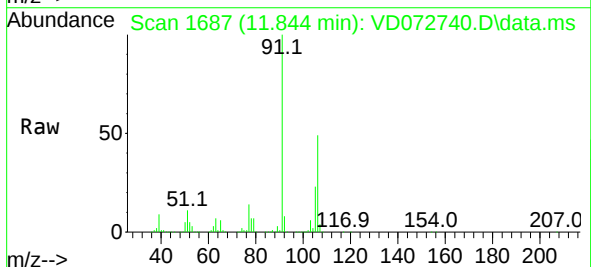
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

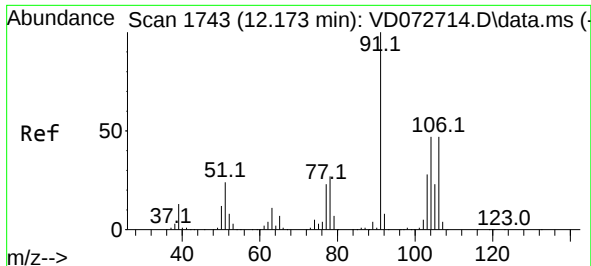
Tgt Ion: 91 Resp: 1014523
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#68
m/p-Xylenes
Concen: 97.617 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion:106 Resp: 781707
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5

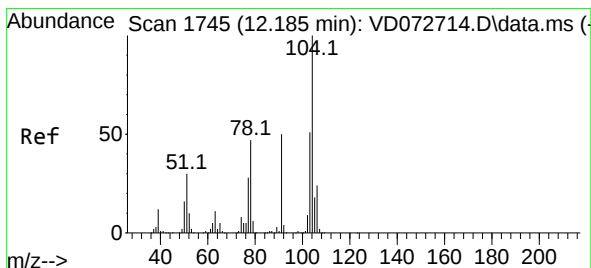
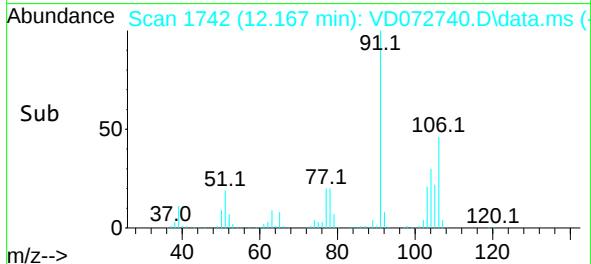
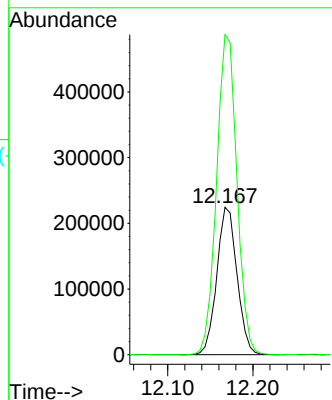
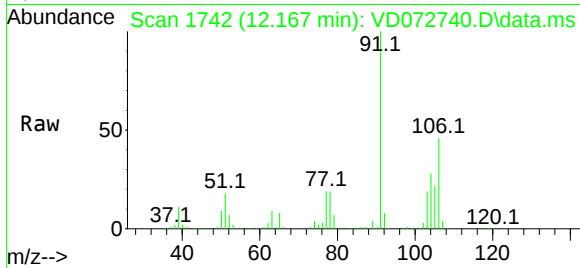




#69
o-Xylene
Concen: 48.855 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

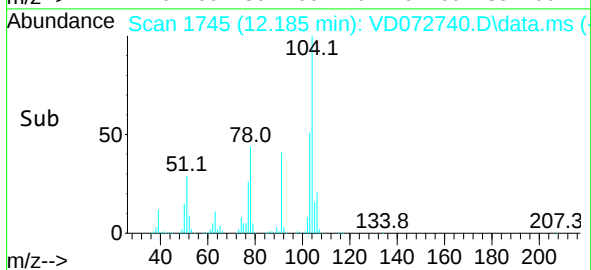
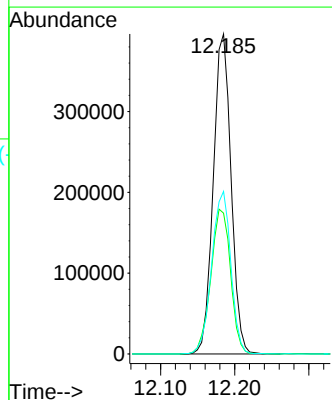
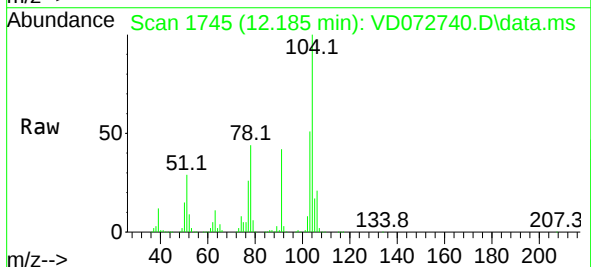
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

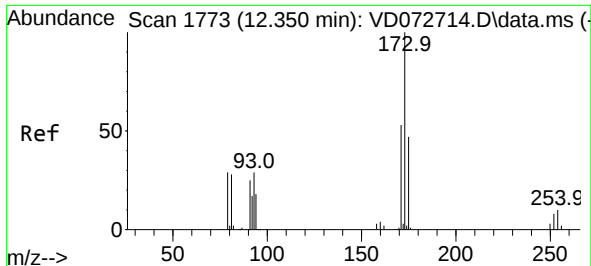
Tgt Ion:106 Resp: 369730
Ion Ratio Lower Upper
106 100
91 218.8 110.4 331.2



#70
Styrene
Concen: 51.226 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion:104 Resp: 659779
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.8
103 54.8 44.2 66.4

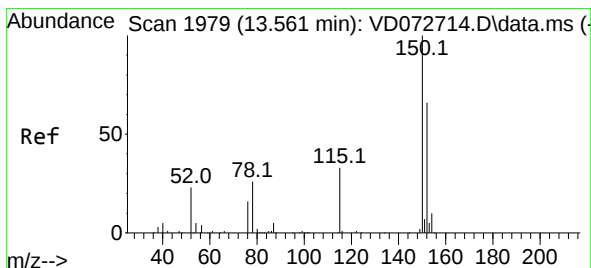
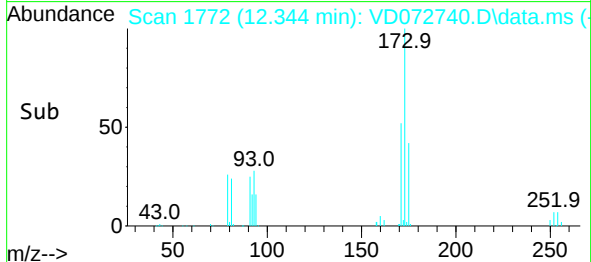
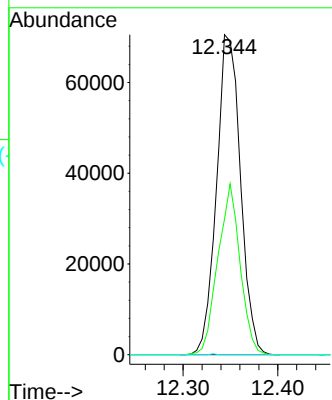
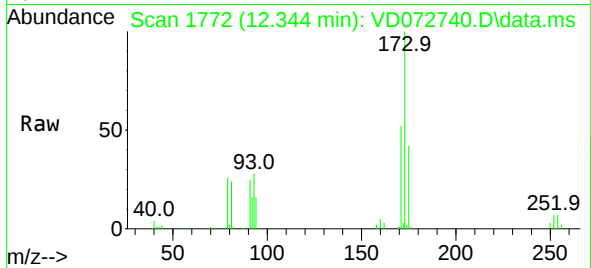




#71
Bromoform
Concen: 51.480 ug/l
RT: 12.344 min Scan# 1772
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

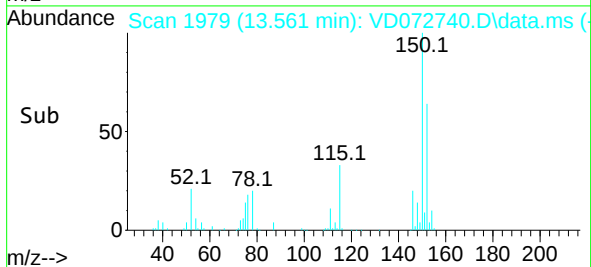
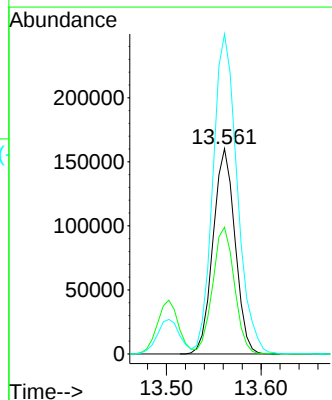
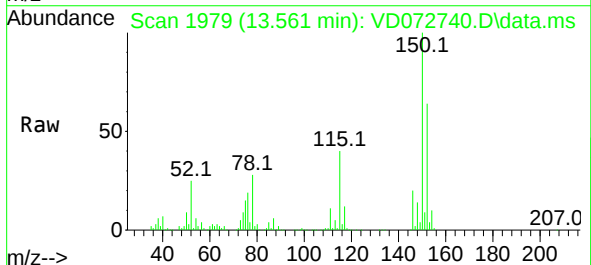
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

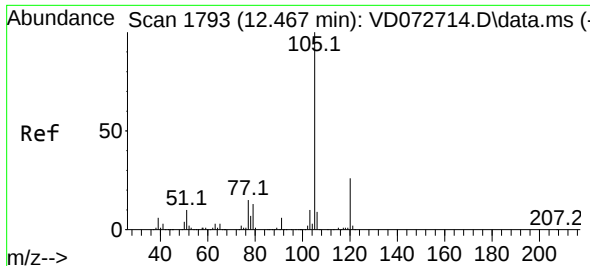
Tgt Ion:173 Resp: 123894
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion:152 Resp: 257873
Ion Ratio Lower Upper
152 100
115 61.0 31.3 93.8
150 172.2 0.0 348.6

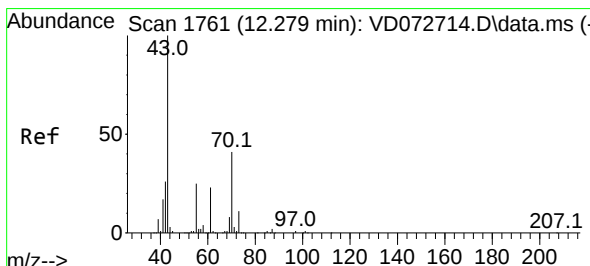
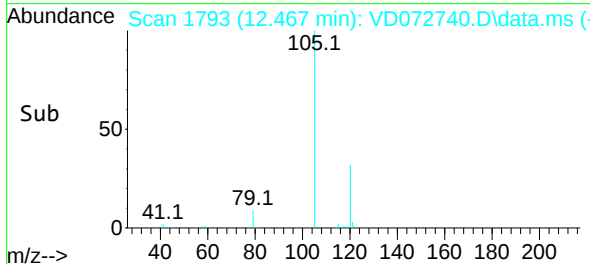
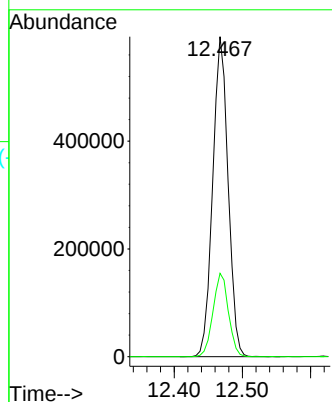
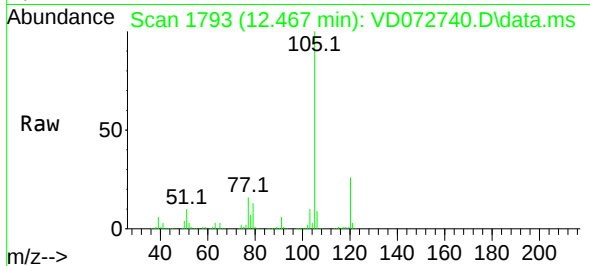




#73
Isopropylbenzene
Concen: 47.312 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

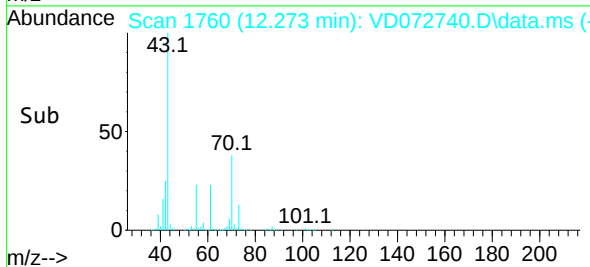
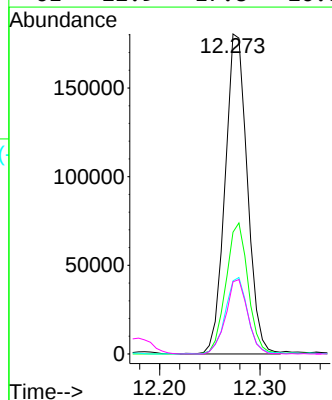
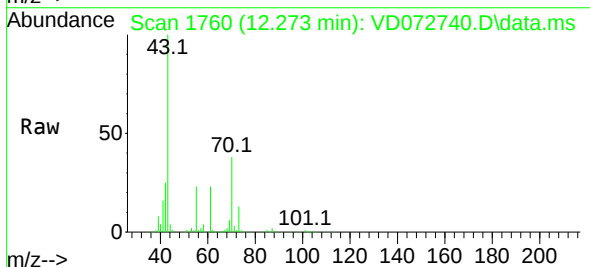
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

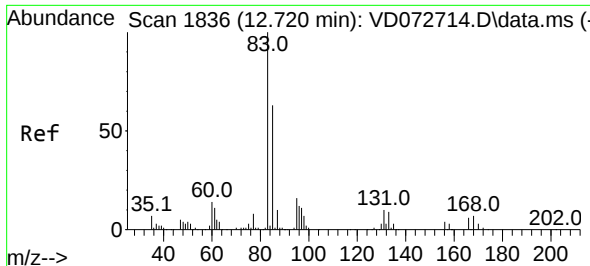
Tgt Ion:105 Resp: 932613
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 54.521 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 43 Resp: 277645
Ion Ratio Lower Upper
43 100
70 40.8 31.3 46.9
55 24.3 20.0 30.0
61 22.9 17.8 26.8

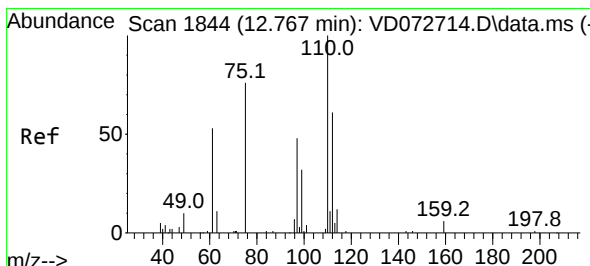
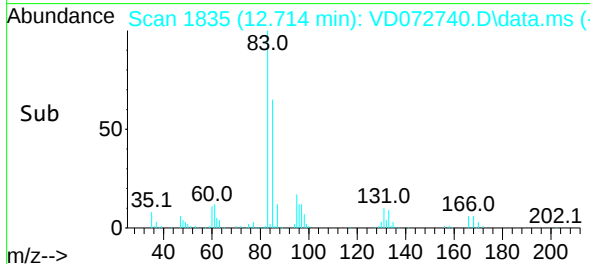
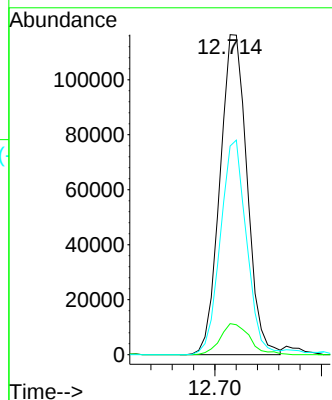
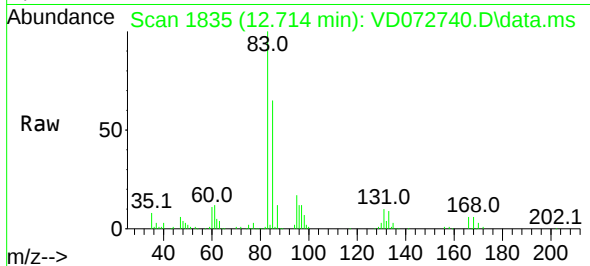




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.067 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

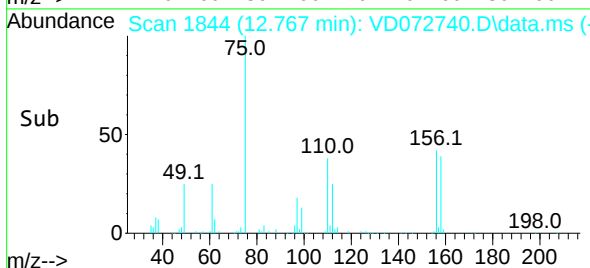
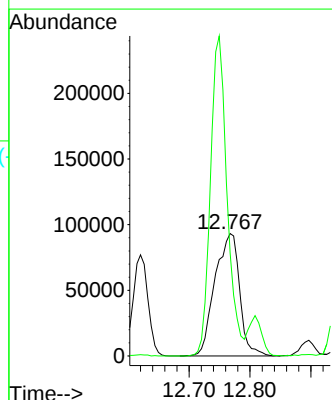
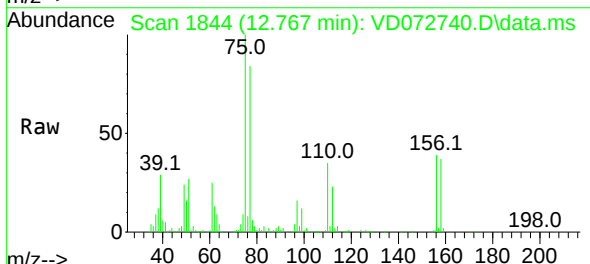
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

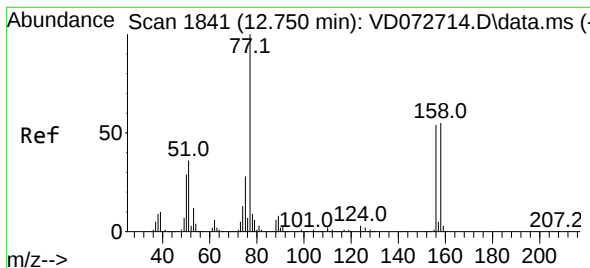
Tgt Ion: 83 Resp: 205692
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 64.6 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 88.108 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

Tgt Ion: 75 Resp: 262353
 Ion Ratio Lower Upper
 75 100
 77 176.9 0.0 0.0#





#77

Bromobenzene

Concen: 49.226 ug/l

RT: 12.750 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

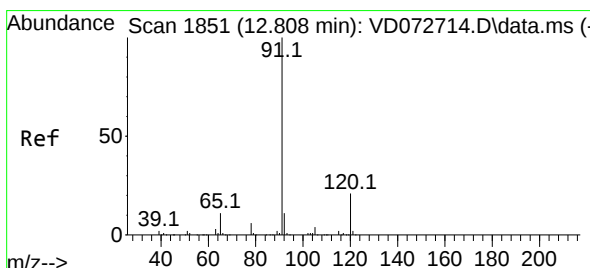
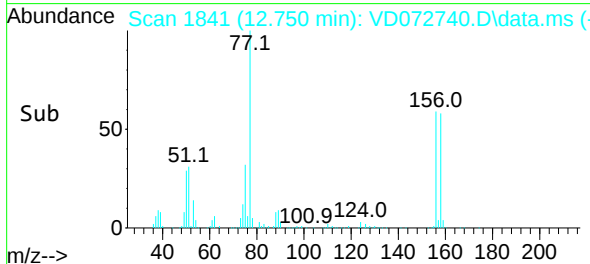
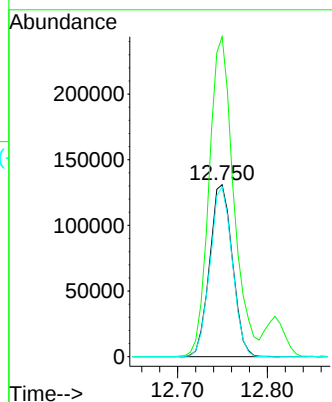
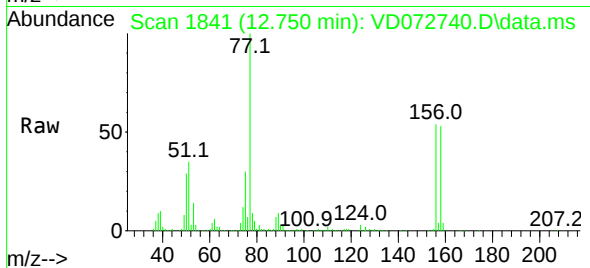
Tgt Ion:156 Resp: 231048

Ion Ratio Lower Upper

156 100

77 200.8 102.8 308.3

158 96.4 48.7 146.1



#78

n-propylbenzene

Concen: 47.627 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD072740.D

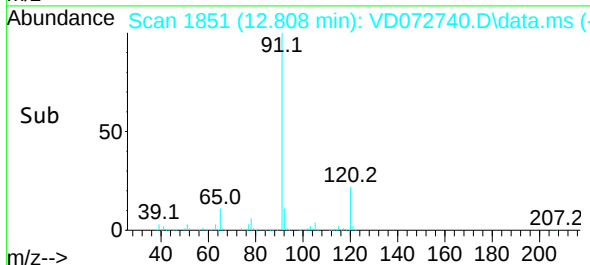
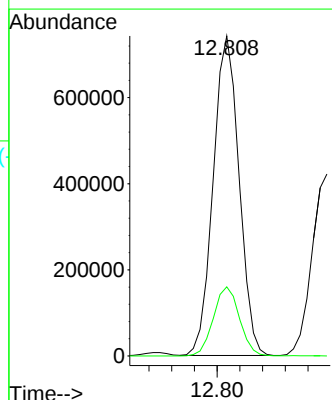
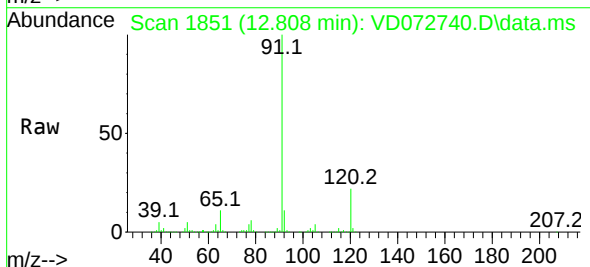
Acq: 29 Apr 2022 14:43

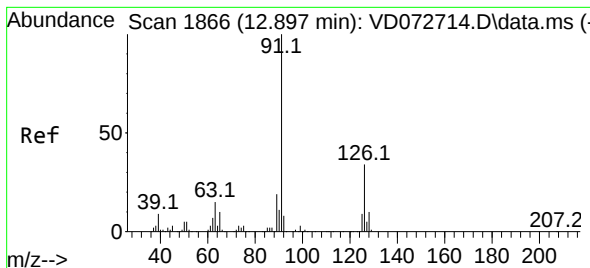
Tgt Ion: 91 Resp: 1173352

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 47.786 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

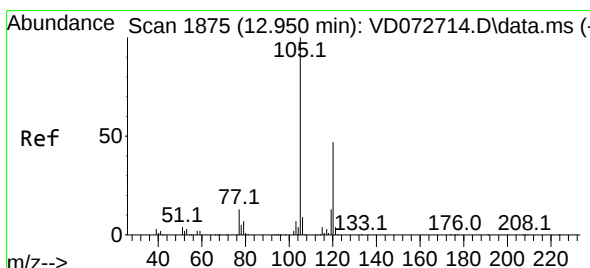
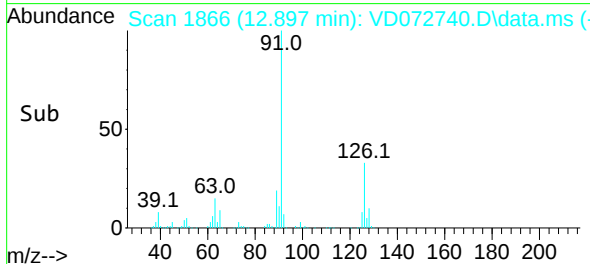
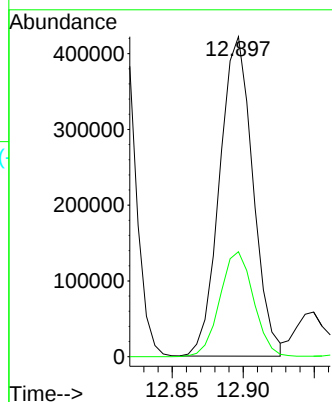
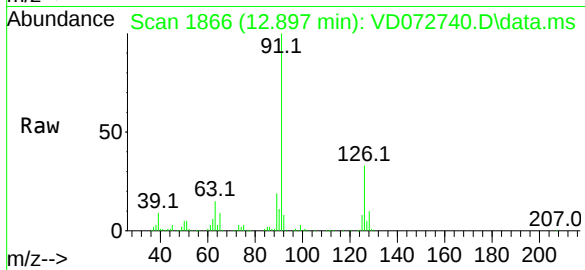
VSTDCCC050EC

Tgt Ion: 91 Resp: 688928

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 48.232 ug/l

RT: 12.950 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VD072740.D

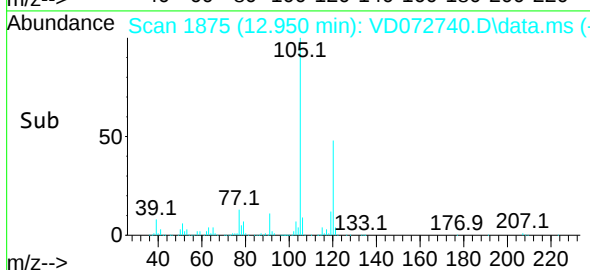
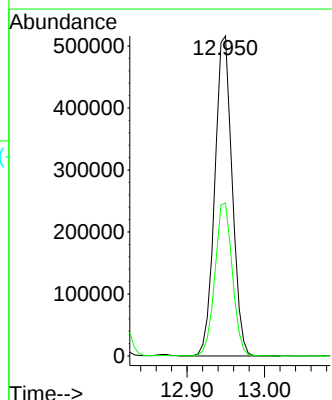
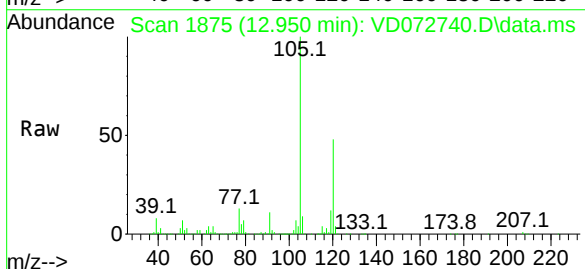
Acq: 29 Apr 2022 14:43

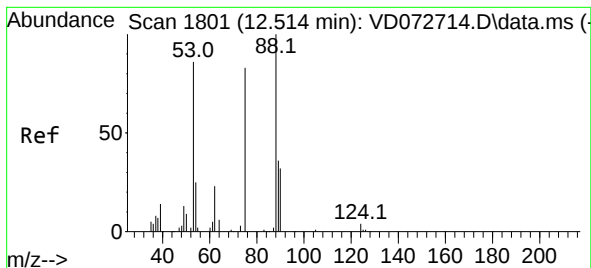
Tgt Ion: 105 Resp: 803832

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8

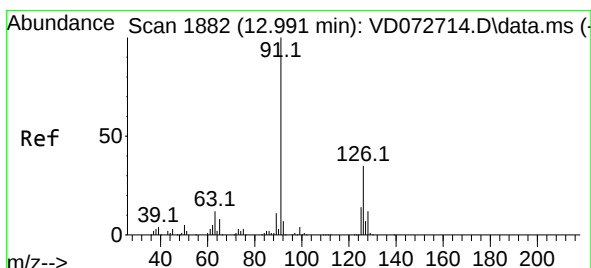
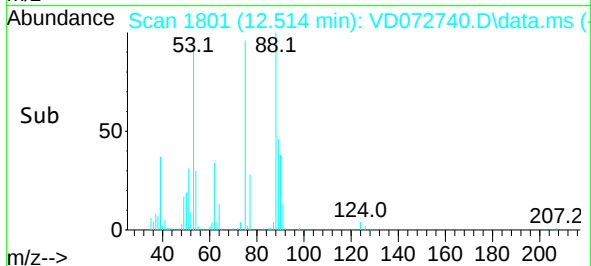
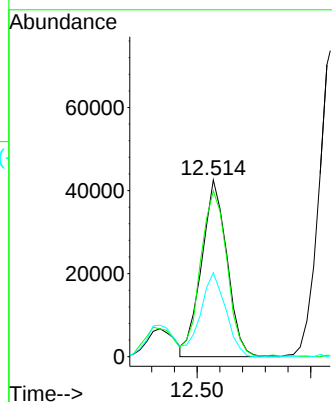
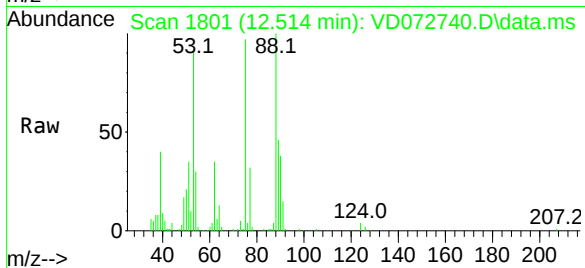




#81
trans-1,4-Dichloro-2-butene
Concen: 52.892 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

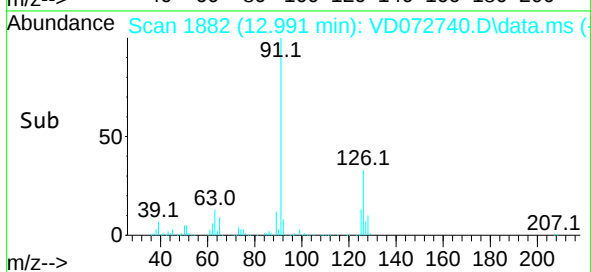
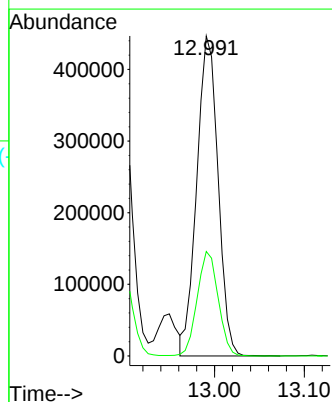
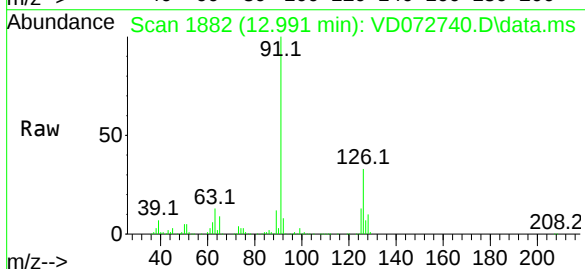
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

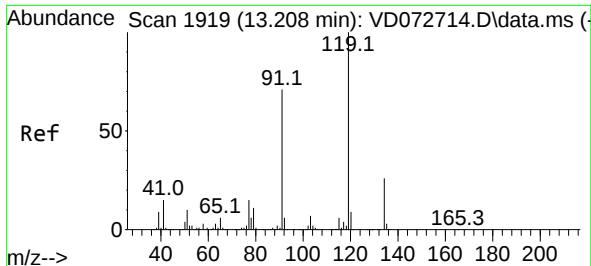
Tgt Ion: 75 Resp: 66238
Ion Ratio Lower Upper
75 100
53 96.9 86.5 129.7
89 47.3 33.9 50.9



#82
4-Chlorotoluene
Concen: 48.366 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 91 Resp: 733983
Ion Ratio Lower Upper
91 100
126 32.2 16.5 49.5

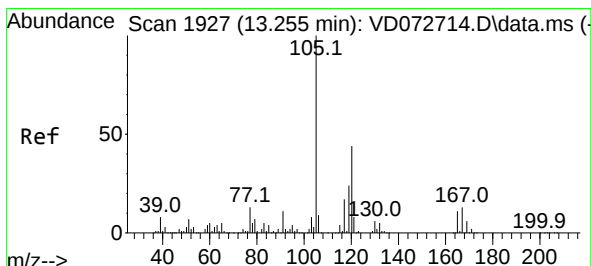
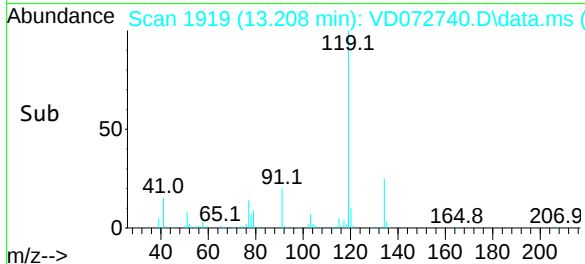
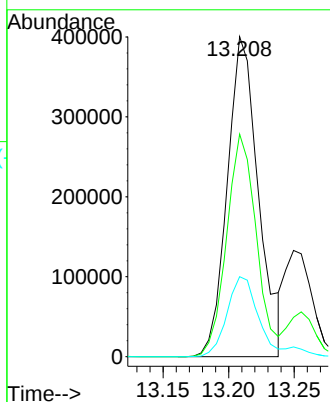
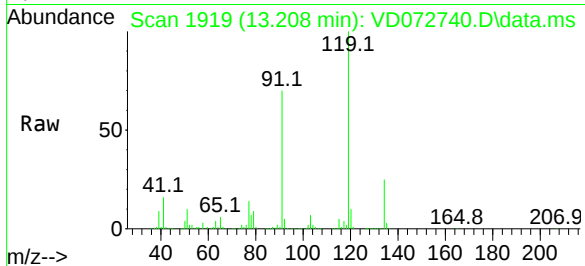




#83
tert-Butylbenzene
Concen: 47.599 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

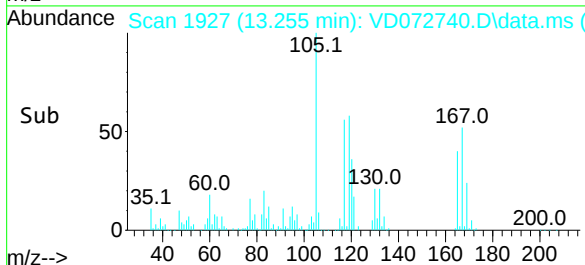
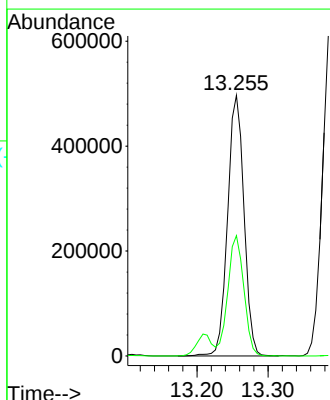
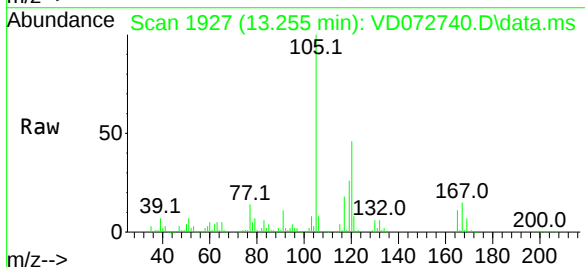
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

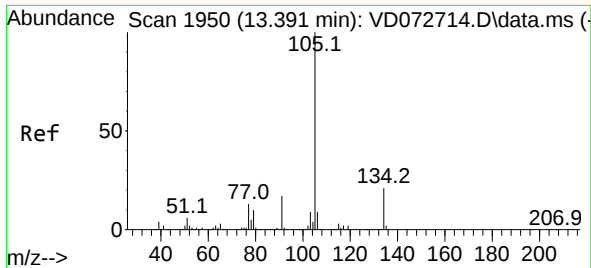
Tgt Ion:119 Resp: 663551
Ion Ratio Lower Upper
119 100
91 66.2 34.8 104.5
134 26.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.774 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion:105 Resp: 795041
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8

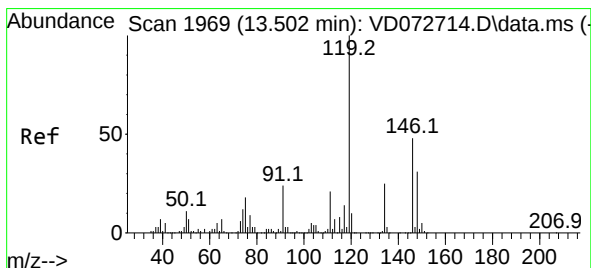
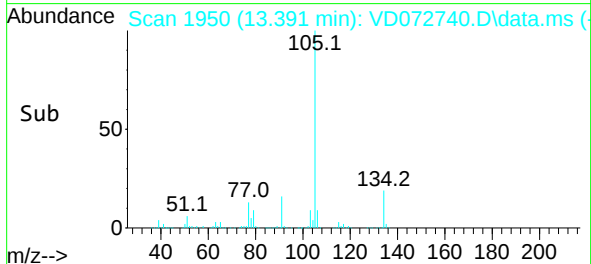
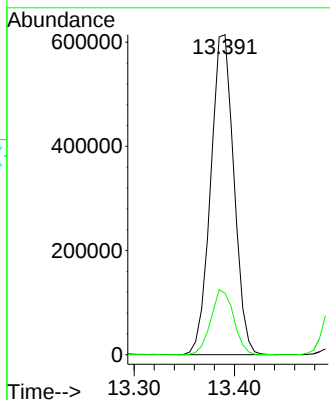
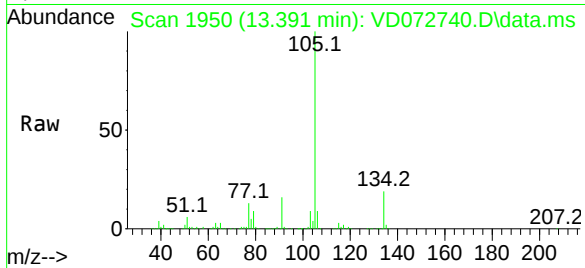




#85
 sec-Butylbenzene
 Concen: 46.934 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

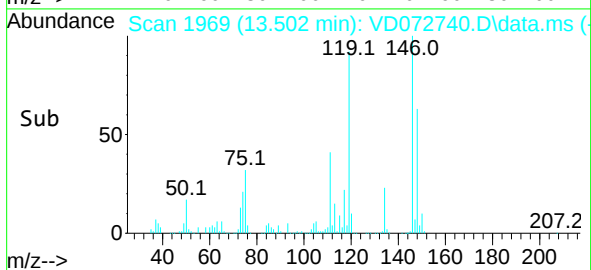
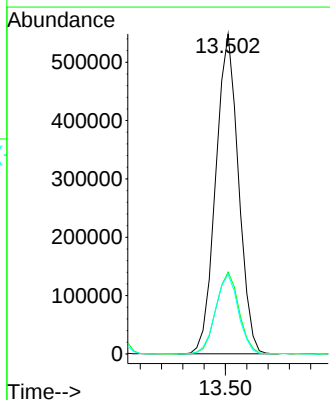
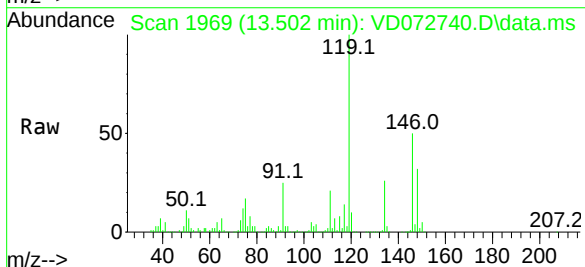
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

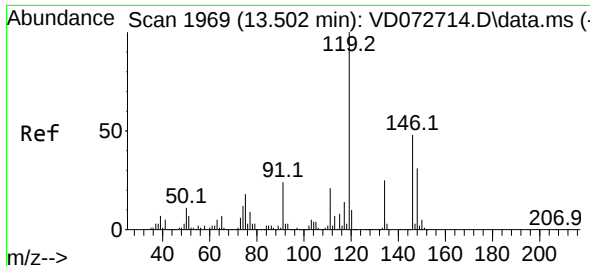
Tgt Ion:105 Resp: 988387
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 47.132 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

Tgt Ion:119 Resp: 812404
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 24.8 12.1 36.3

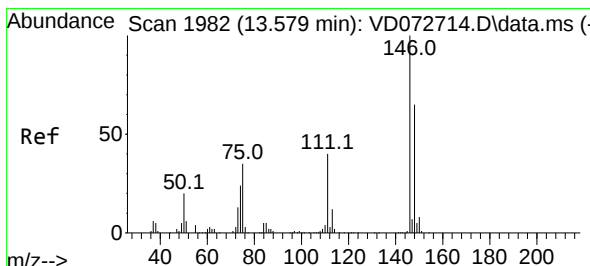
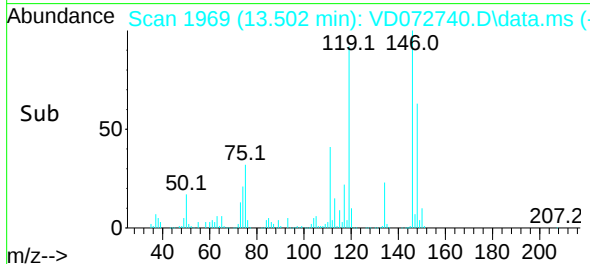
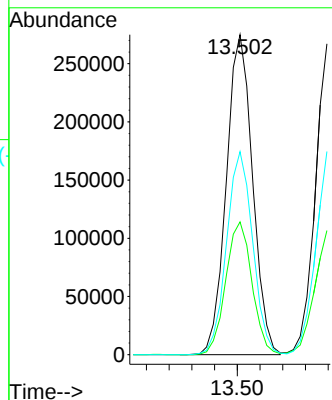
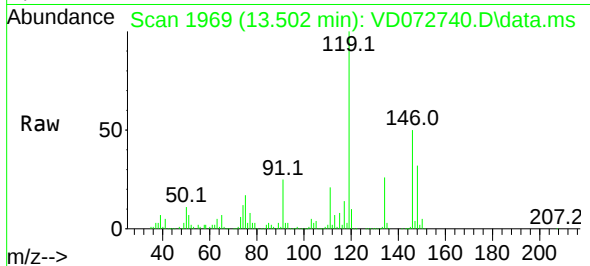




#87
1,3-Dichlorobenzene
Concen: 47.845 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

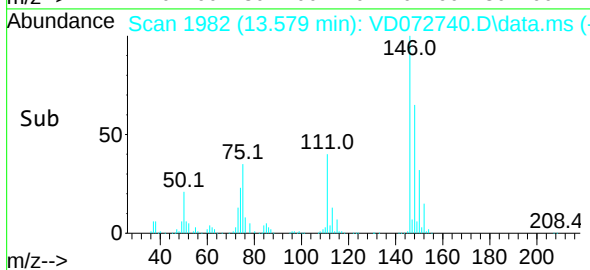
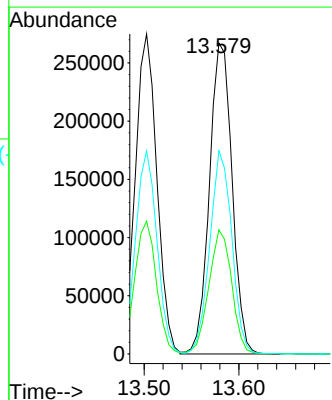
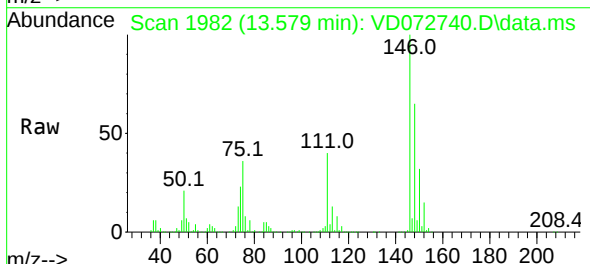
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

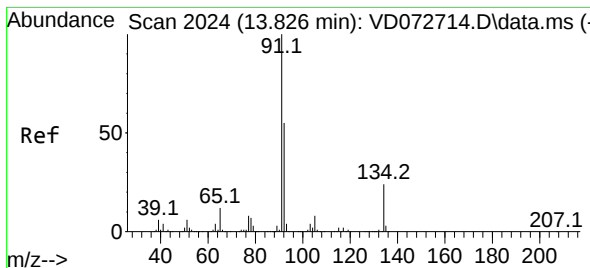
Tgt Ion:146 Resp: 441817
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 48.271 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion:146 Resp: 444648
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 47.787 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

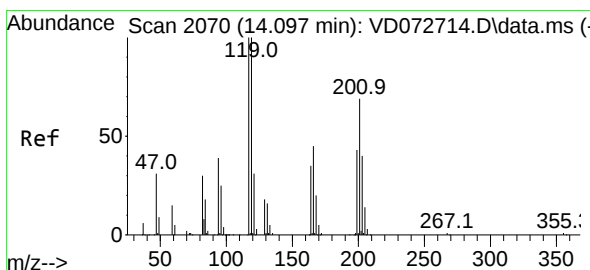
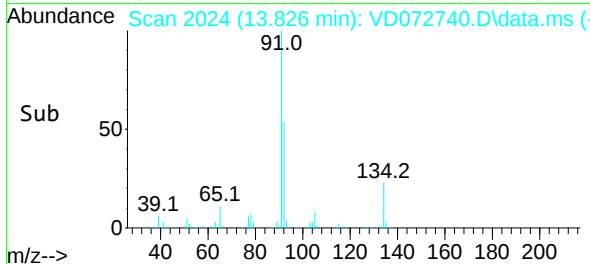
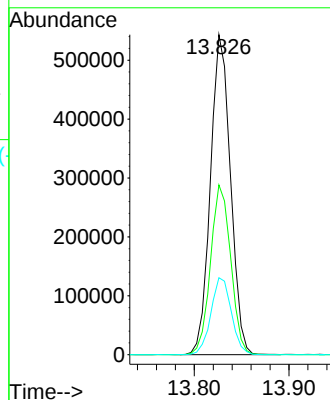
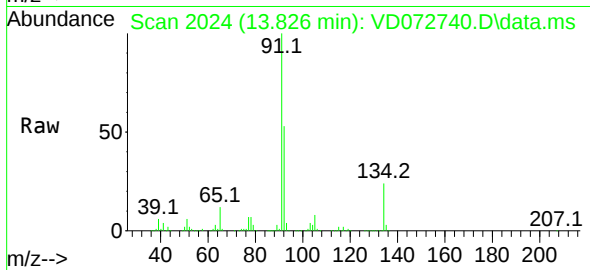
Tgt Ion: 91 Resp: 801395

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.8

134 24.5 12.3 36.9



#90

Hexachloroethane

Concen: 47.174 ug/l

RT: 14.097 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VD072740.D

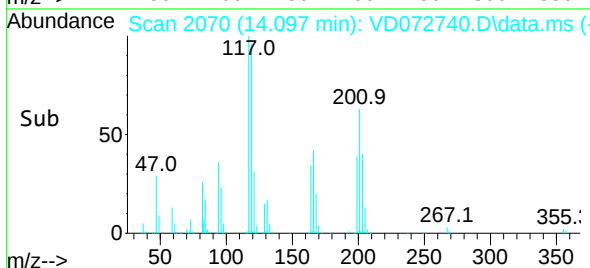
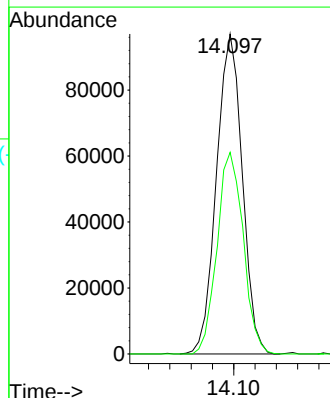
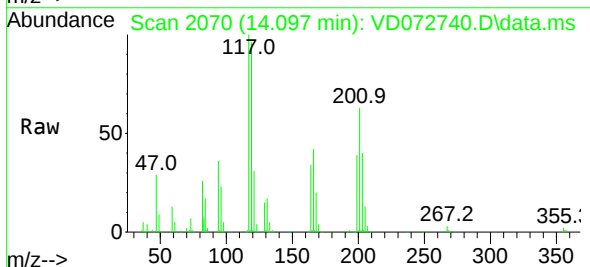
Acq: 29 Apr 2022 14:43

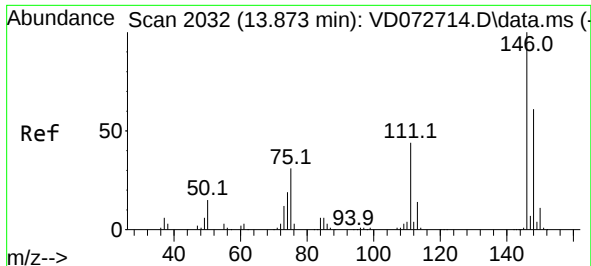
Tgt Ion: 117 Resp: 163067

Ion Ratio Lower Upper

117 100

201 63.9 33.4 100.2

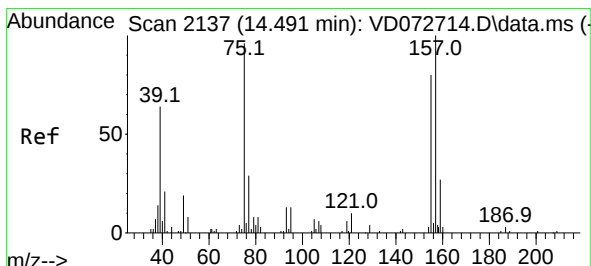
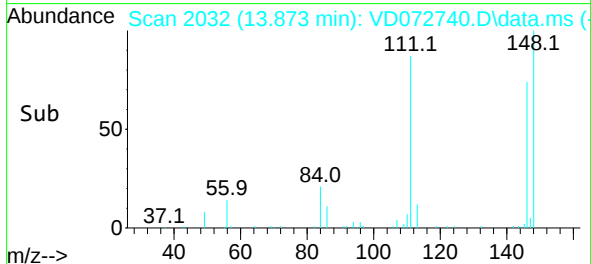
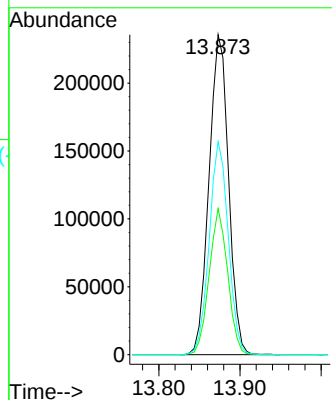
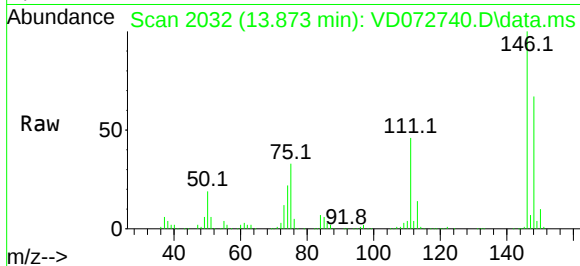




#91
1,2-Dichlorobenzene
Concen: 48.549 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

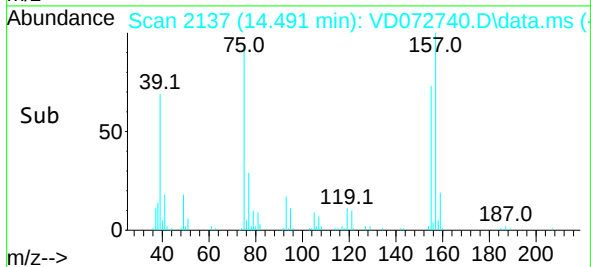
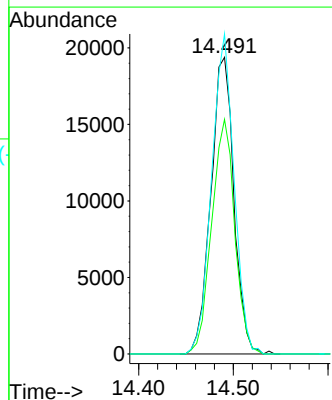
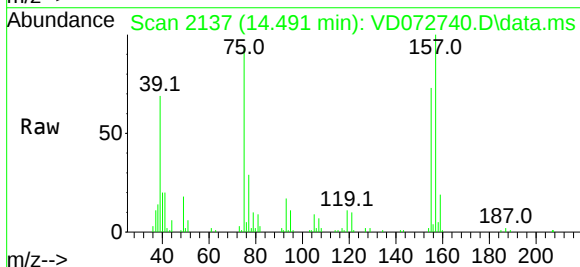
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

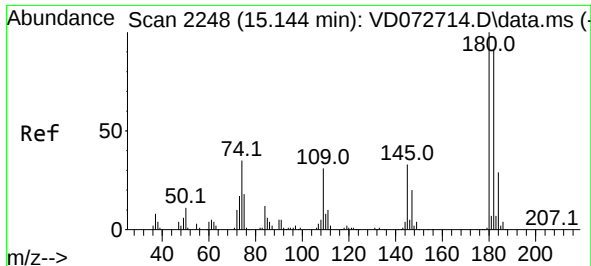
Tgt Ion:146 Resp: 393319
Ion Ratio Lower Upper
146 100
111 43.3 21.1 63.3
148 65.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.623 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072740.D
Acq: 29 Apr 2022 14:43

Tgt Ion: 75 Resp: 32830
Ion Ratio Lower Upper
75 100
155 78.9 36.8 110.3
157 104.8 48.4 145.0

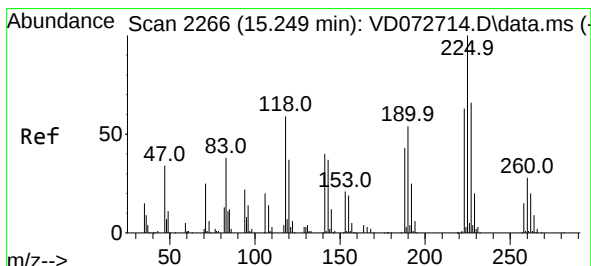
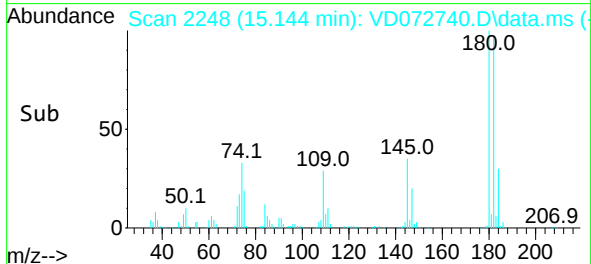
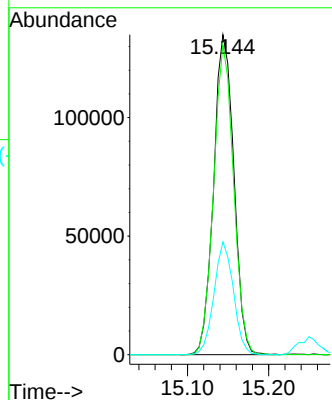
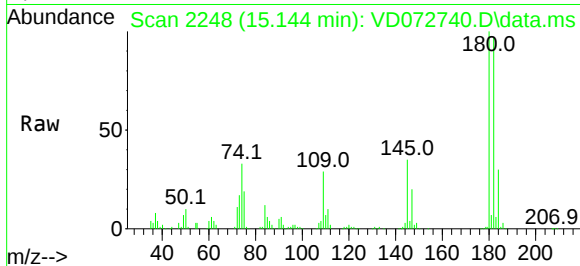




#93
 1,2,4-Trichlorobenzene
 Concen: 49.633 ug/l
 RT: 15.144 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

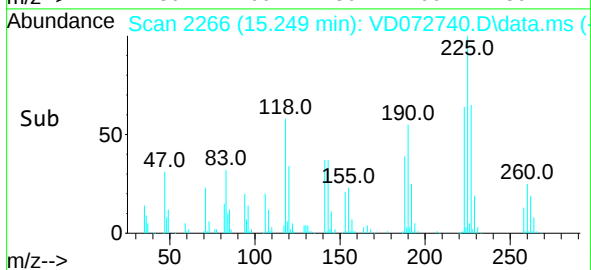
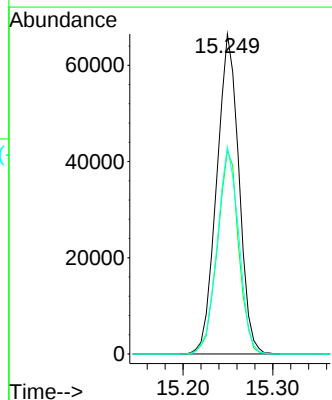
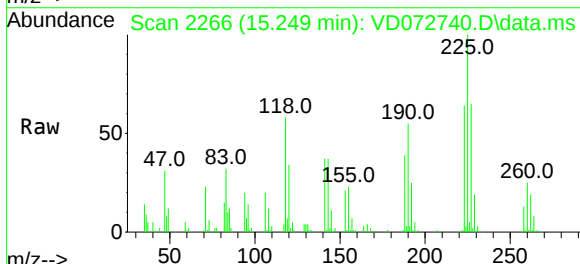
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

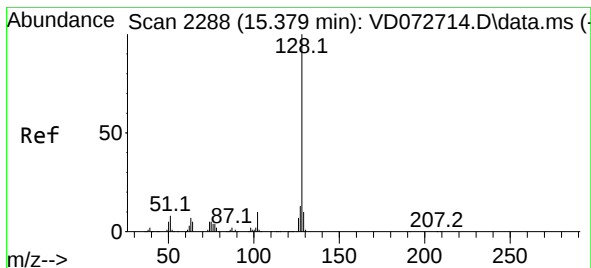
Tgt Ion:180 Resp: 233600
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 142.0
 145 33.9 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 45.638 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD072740.D
 Acq: 29 Apr 2022 14:43

Tgt Ion:225 Resp: 114047
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.1 93.2
 227 63.1 32.4 97.0





#95

Naphthalene

Concen: 54.430 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.006 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

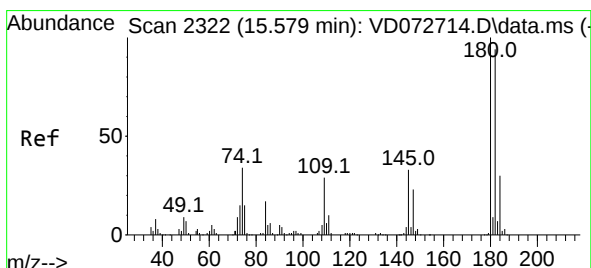
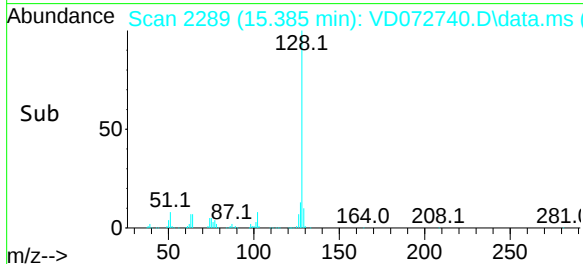
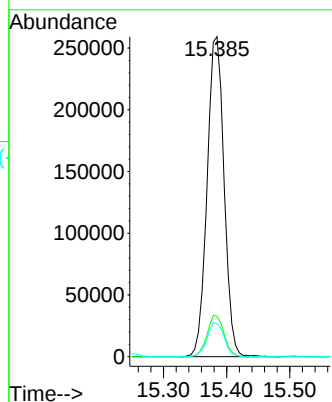
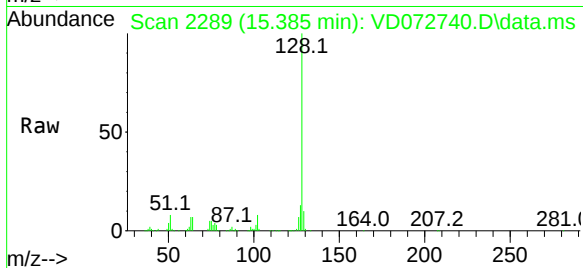
Tgt Ion:128 Resp: 482394

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.196 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VD072740.D

Acq: 29 Apr 2022 14:43

Tgt Ion:180 Resp: 212383

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 35.5 17.1 51.3

