

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042722\
 Data File : VD072714.D
 Acq On : 27 Apr 2022 13:28
 Operator : VA/SY
 Sample : VSTDICCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Apr 27 14:01:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 13:58:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	363524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	628626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	590055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211908	48.463	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.920%
35) Dibromofluoromethane	7.909	113	186721	39.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.740%
50) Toluene-d8	10.332	98	655828	40.246	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.500%
62) 4-Bromofluorobenzene	12.620	95	251170	39.336	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	207119	68.227	ug/l	96
3) Chloromethane	2.209	50	234916	80.294	ug/l	97
4) Vinyl Chloride	2.350	62	210994	71.807	ug/l	99
5) Bromomethane	2.768	94	139555	65.410	ug/l	95
6) Chloroethane	2.926	64	130234	64.586	ug/l	100
7) Trichlorofluoromethane	3.274	101	337953	54.637	ug/l	97
8) Diethyl Ether	3.709	74	106598	56.842	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	193664	47.796	ug/l	99
10) Methyl Iodide	4.303	142	219093	65.236	ug/l	99
11) Tert butyl alcohol	5.221	59	80550	326.755	ug/l	98
12) 1,1-Dichloroethene	4.068	96	183945	56.826	ug/l	93
13) Acrolein	3.921	56	89550	589.436	ug/l	100
14) Allyl chloride	4.715	41	315867	59.996	ug/l	94
15) Acrylonitrile	5.415	53	253783	271.328	ug/l	99
16) Acetone	4.156	43	219153	267.423	ug/l	96
17) Carbon Disulfide	4.409	76	628727	96.140	ug/l	100
18) Methyl Acetate	4.715	43	119240	50.663	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	496477	52.560	ug/l	97
20) Methylene Chloride	4.962	84	307907	60.462	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	218631	60.009	ug/l	94
22) Diisopropyl ether	6.362	45	720864	55.073	ug/l	94
23) Vinyl Acetate	6.303	43	2070267	321.663	ug/l	97
24) 1,1-Dichloroethane	6.262	63	406860	52.059	ug/l	99
25) 2-Butanone	7.209	43	321982	281.938	ug/l	98
26) 2,2-Dichloropropane	7.203	77	330768	48.318	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	248686	51.192	ug/l	95
28) Bromochloromethane	7.544	49	177504	52.382	ug/l	89
29) Tetrahydrofuran	7.562	42	210650	301.610	ug/l	95
30) Chloroform	7.709	83	420212	48.307	ug/l	98
31) Cyclohexane	7.985	56	350601	60.473	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	349559	47.796	ug/l	98
36) 1,1-Dichloropropene	8.109	75	305558	54.570	ug/l	98
37) Ethyl Acetate	7.291	43	150611	57.543	ug/l #	97
38) Carbon Tetrachloride	8.097	117	300558	46.670	ug/l	97
39) Methylcyclohexane	9.350	83	353752	57.654	ug/l	98
40) Benzene	8.344	78	870395	52.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	85578	58.761	ug/l	93
42) 1,2-Dichloroethane	8.420	62	273338	53.066	ug/l	97
43) Isopropyl Acetate	8.450	43	284226	56.950	ug/l	96
44) Trichloroethene	9.109	130	225261	48.371	ug/l	96
45) 1,2-Dichloropropane	9.379	63	231381	49.873	ug/l	100
46) Dibromomethane	9.467	93	131671	53.550	ug/l	98
47) Bromodichloromethane	9.656	83	330377	47.378	ug/l	98
48) Methyl methacrylate	9.450	41	144620	58.897	ug/l	95
49) 1,4-Dioxane	9.456	88	29536	1005.531	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	735858	276.196	ug/l	97
52) Toluene	10.397	92	556685	50.757	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	308733	50.754	ug/l	92
54) cis-1,3-Dichloropropene	10.079	75	361547	50.254	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	172663	47.067	ug/l	97
56) Ethyl methacrylate	10.656	69	222207	53.344	ug/l	92
57) 1,3-Dichloropropane	10.938	76	303579	49.586	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	575067	301.767	ug/l	99
59) 2-Hexanone	10.979	43	512190	282.774	ug/l	99
60) Dibromochloromethane	11.132	129	213703	45.384	ug/l	100
61) 1,2-Dibromoethane	11.238	107	171746	51.947	ug/l	100
64) Tetrachloroethene	10.867	164	178320	47.889	ug/l	98
65) Chlorobenzene	11.661	112	577315	45.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	217839	43.106	ug/l	99
67) Ethyl Benzene	11.738	91	1040201	47.043	ug/l	99
68) m/p-Xylenes	11.844	106	806533	95.927	ug/l	100
69) o-Xylene	12.173	106	382333	47.105	ug/l	97
70) Styrene	12.185	104	660753	46.386	ug/l	99
71) Bromoform	12.350	173	118567	43.926	ug/l #	99
73) Isopropylbenzene	12.467	105	964983	45.714	ug/l	99
74) N-amyl acetate	12.279	43	263287	56.568	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	198292	48.026	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	256375	85.973	ug/l #	100
77) Bromobenzene	12.750	156	231262	48.107	ug/l	97
78) n-propylbenzene	12.808	91	1214682	47.399	ug/l	99
79) 2-Chlorotoluene	12.897	91	699227	46.583	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	824644	45.418	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	62087	51.715	ug/l	94
82) 4-Chlorotoluene	12.991	91	738324	46.960	ug/l	100
83) tert-Butylbenzene	13.208	119	682298	43.691	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	819755	45.977	ug/l	100
85) sec-Butylbenzene	13.391	105	1016554	43.389	ug/l	99
86) p-Isopropyltoluene	13.502	119	847863	44.111	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	444991	44.898	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	442127	44.275	ug/l	100
89) n-Butylbenzene	13.826	91	817642	44.608	ug/l	99
90) Hexachloroethane	14.097	117	164357	41.631	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	391175	44.849	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	31088	50.569	ug/l	95
93) 1,2,4-Trichlorobenzene	15.144	180	233666	43.538	ug/l	99
94) Hexachlorobutadiene	15.249	225	117128	39.353	ug/l	99
95) Naphthalene	15.379	128	460366	43.884	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	204727	43.619	ug/l	99

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ClientSampleId :
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QLast Update : Wed Apr 27 13:58:15 2022
Response via : Initial Calibration

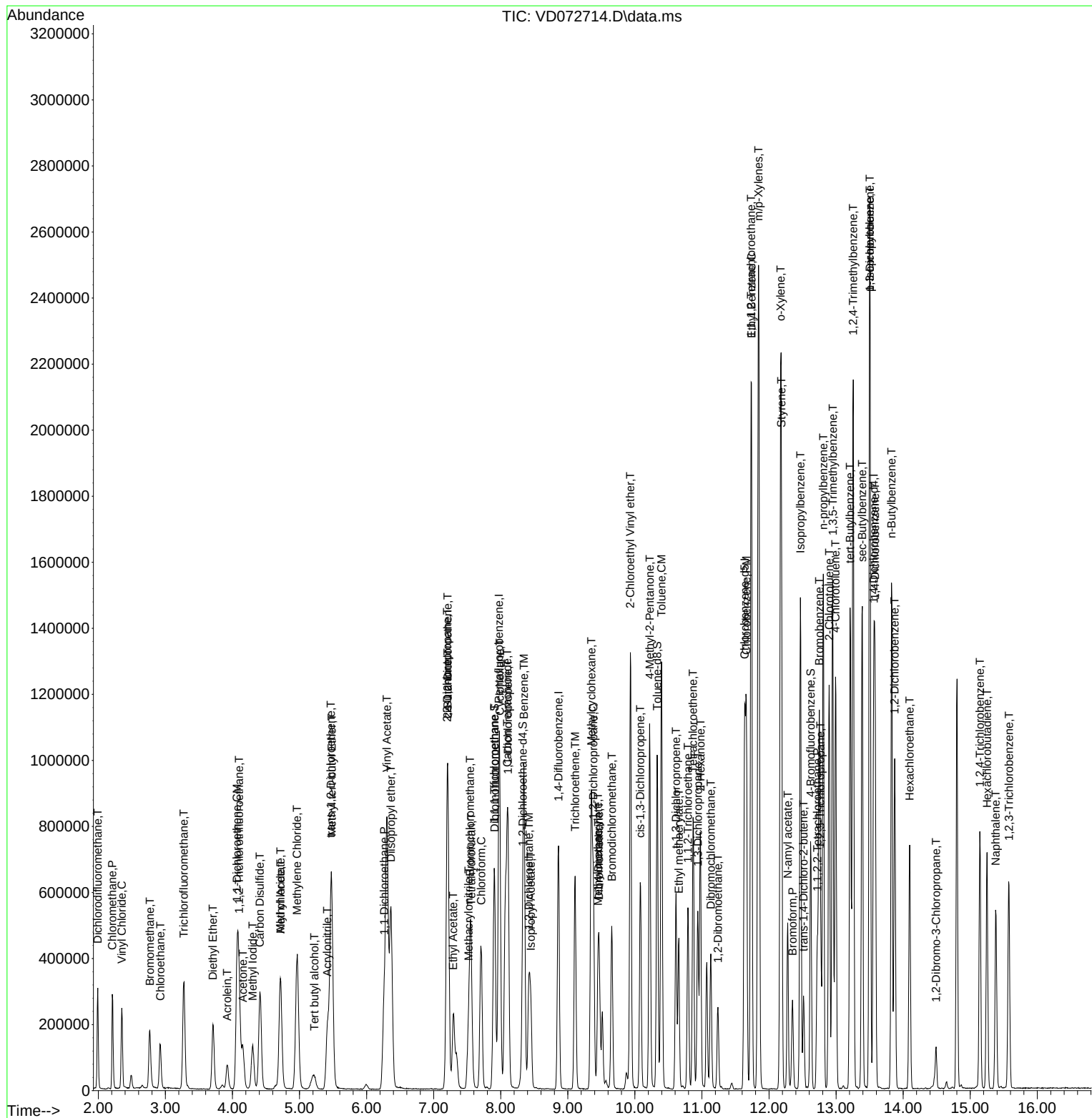
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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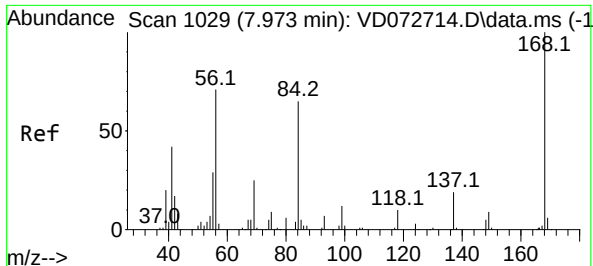
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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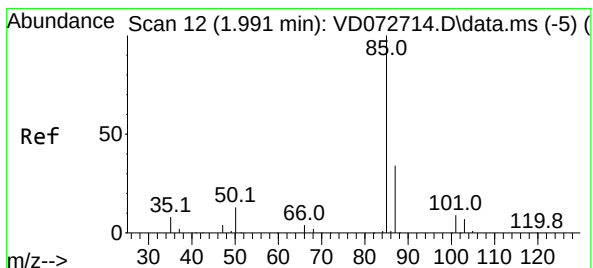
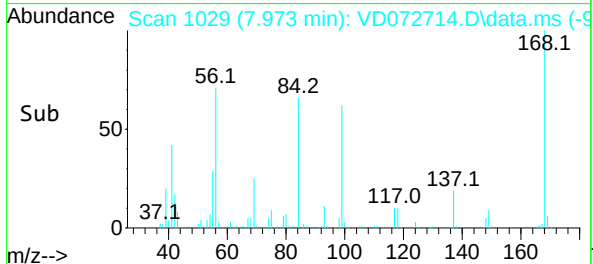
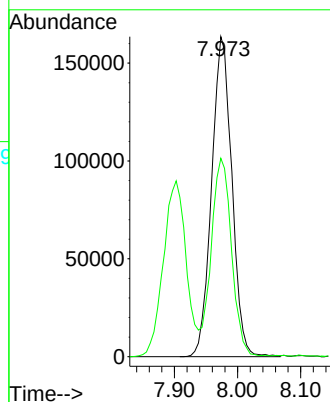
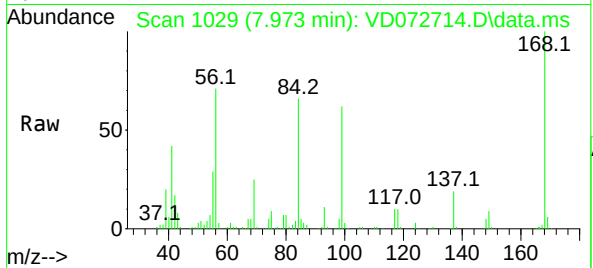




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072714.D
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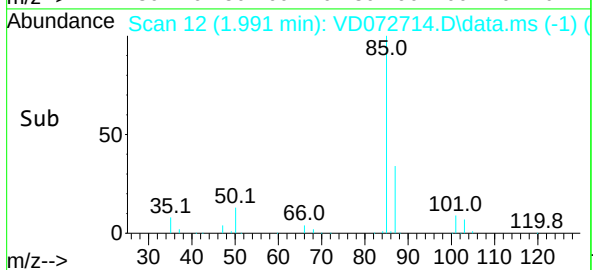
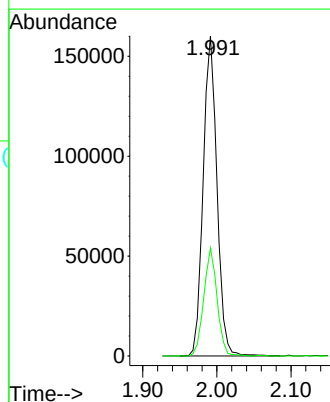
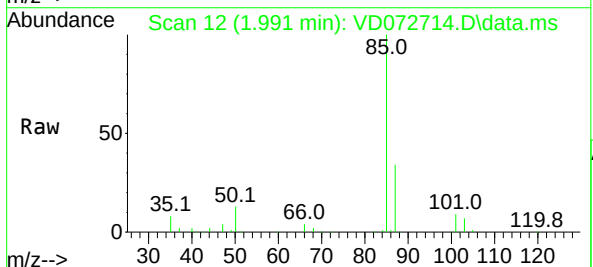
Instrument :
MSVOA_D
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VSTDICCC050

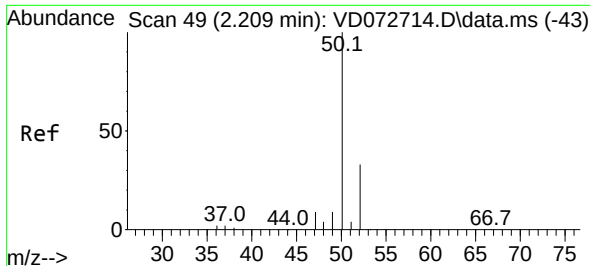
Tgt Ion:168 Resp: 363524
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 68.227 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 85 Resp: 207119
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

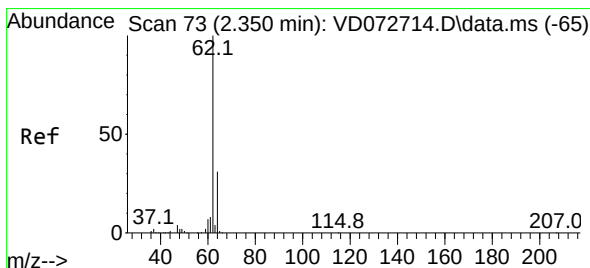
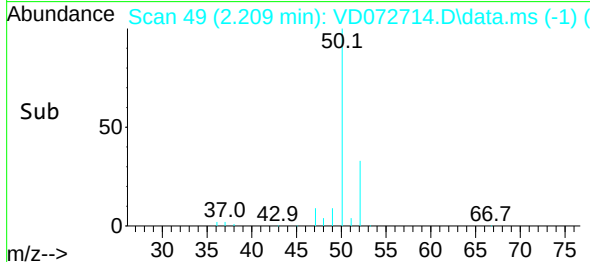
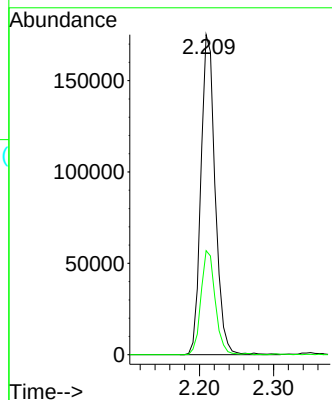
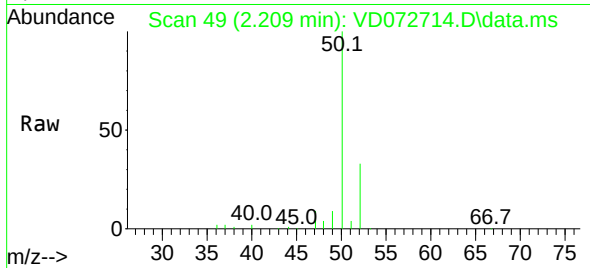




#3
Chloromethane
Concen: 80.294 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072714.D
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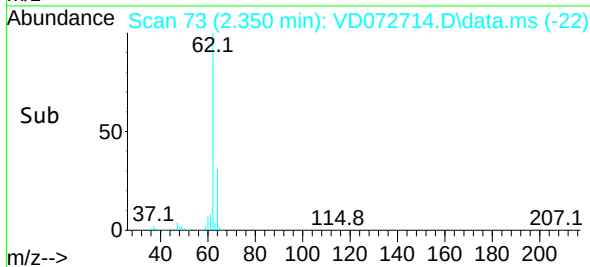
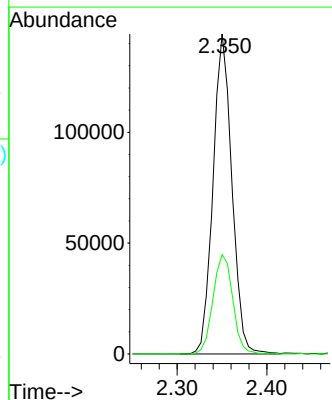
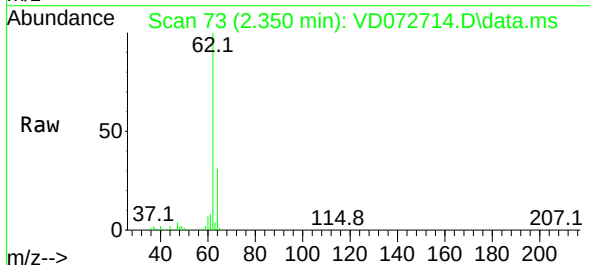
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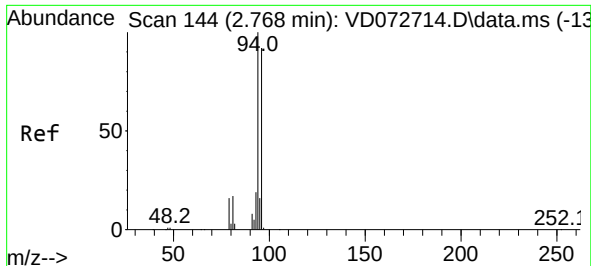
Tgt Ion: 50 Resp: 234916
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0



#4
Vinyl Chloride
Concen: 71.807 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 62 Resp: 210994
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.0

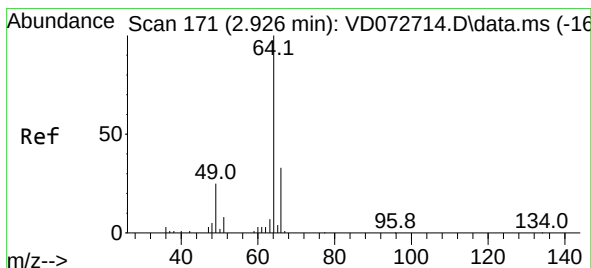
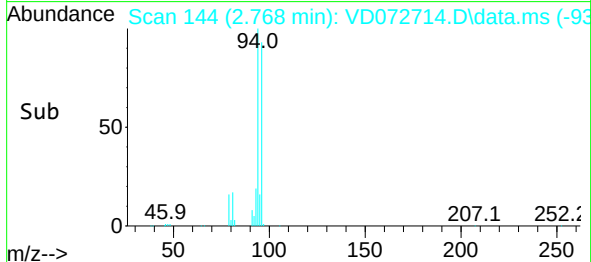
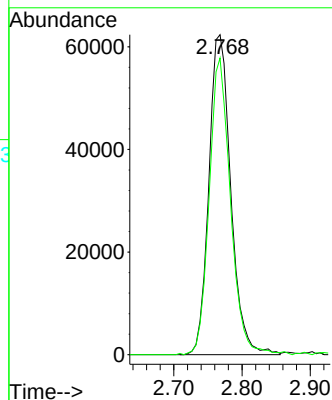
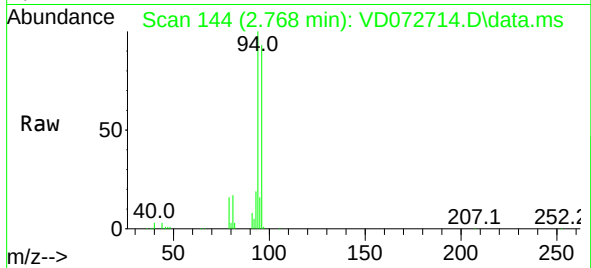




#5
Bromomethane
Concen: 65.410 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD072714.D
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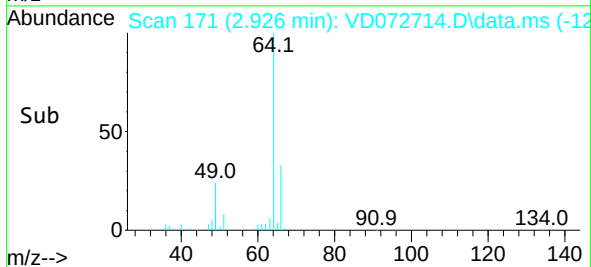
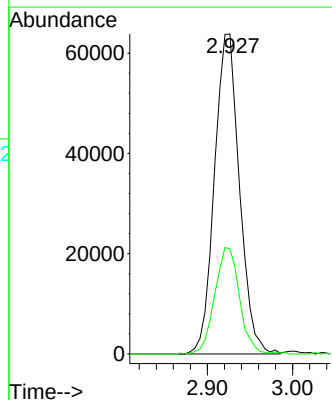
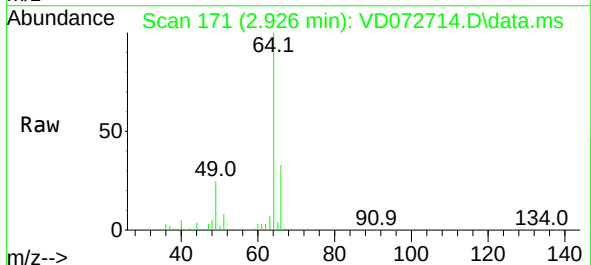
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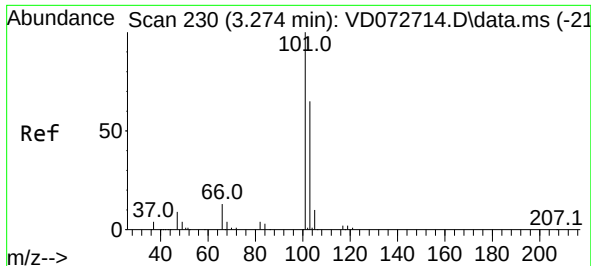
Tgt Ion: 94 Resp: 139555
Ion Ratio Lower Upper
94 100
96 92.3 77.6 116.4



#6
Chloroethane
Concen: 64.586 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 64 Resp: 130234
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9

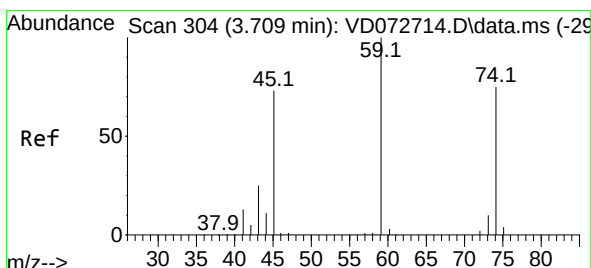
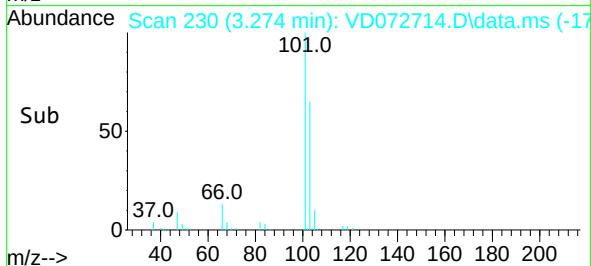
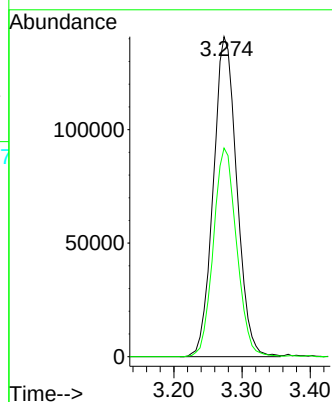
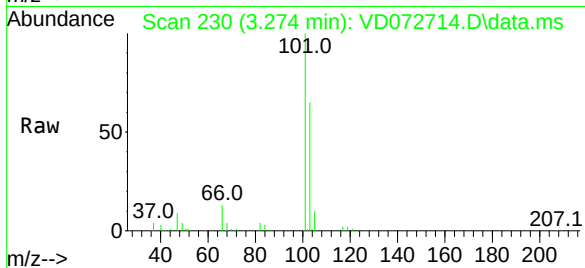




#7
 Trichlorofluoromethane
 Concen: 54.637 ug/l
 RT: 3.274 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

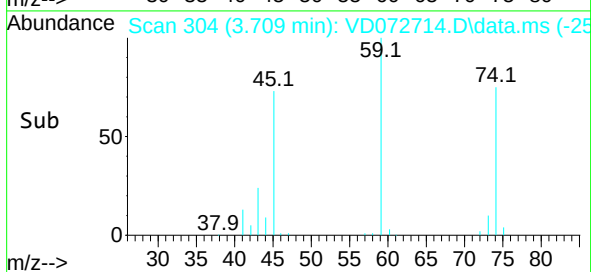
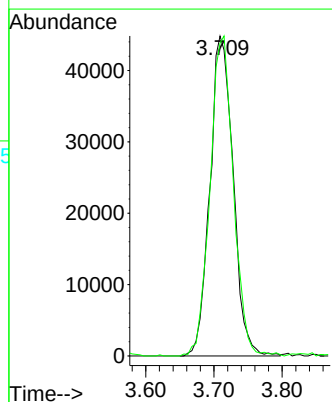
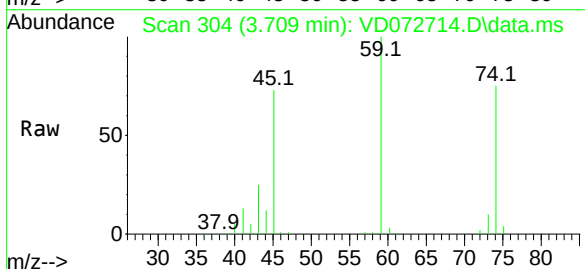
Instrument :
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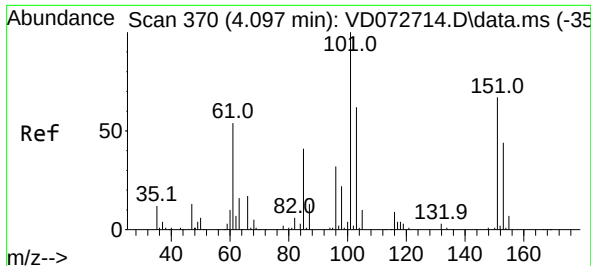
Tgt Ion:101 Resp: 337953
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 56.842 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD072714.D
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Tgt Ion: 74 Resp: 106598
 Ion Ratio Lower Upper
 74 100
 45 100.3 52.6 157.8

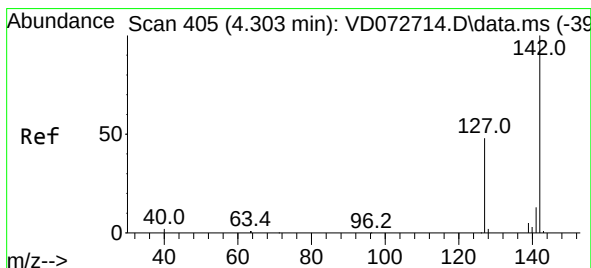
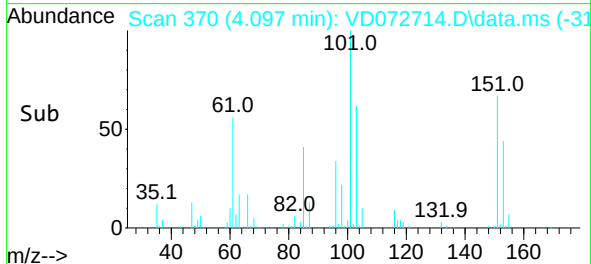
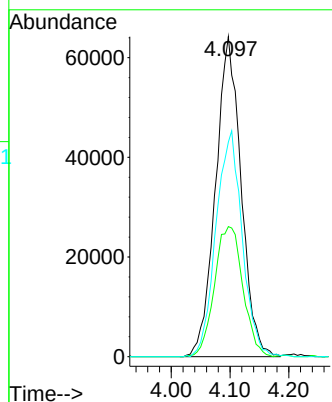
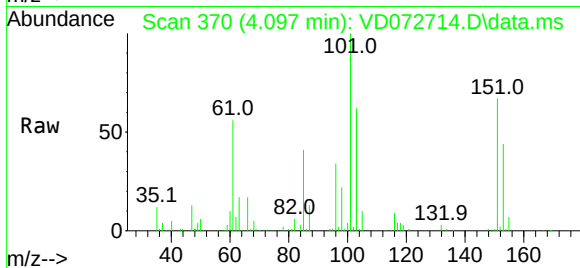




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.796 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

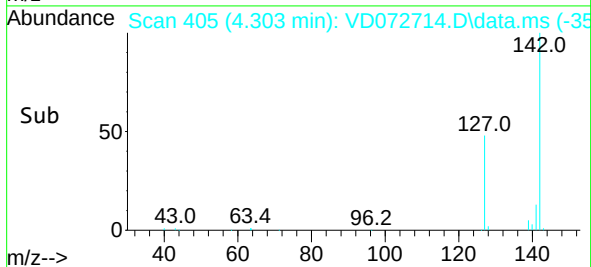
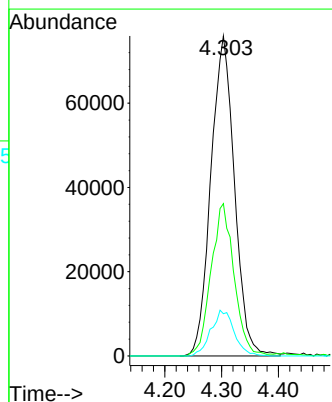
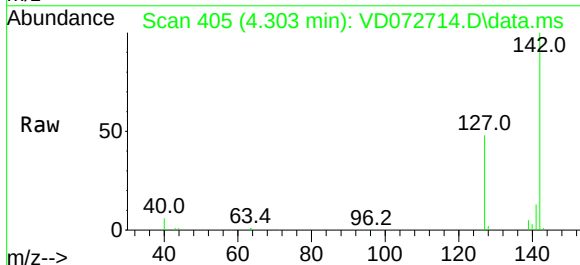
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

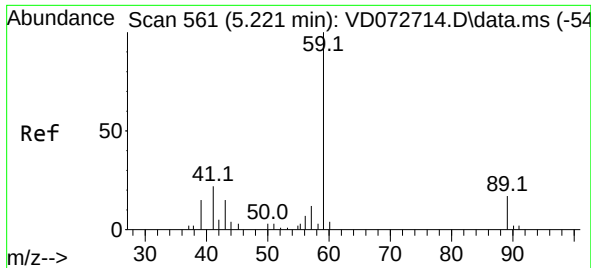
Tgt Ion:101 Resp: 193664
Ion Ratio Lower Upper
101 100
85 45.2 36.4 54.6
151 72.6 57.3 85.9



#10
Methyl Iodide
Concen: 65.236 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion:142 Resp: 219093
Ion Ratio Lower Upper
142 100
127 46.4 37.3 55.9
141 14.1 11.7 17.5

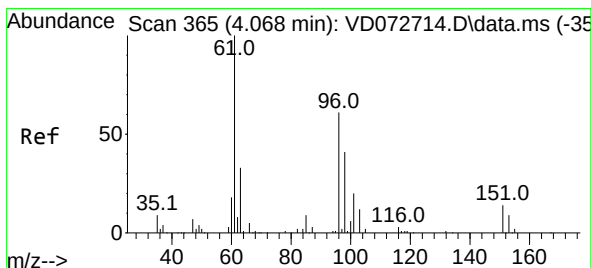
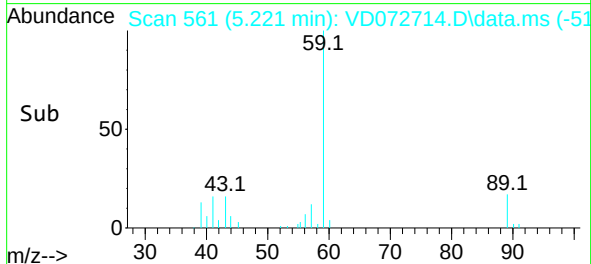
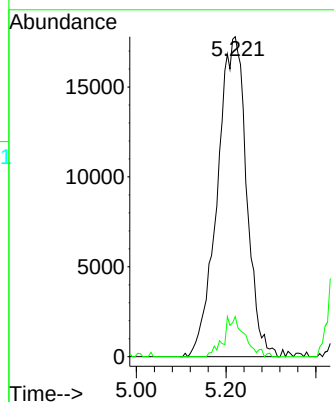
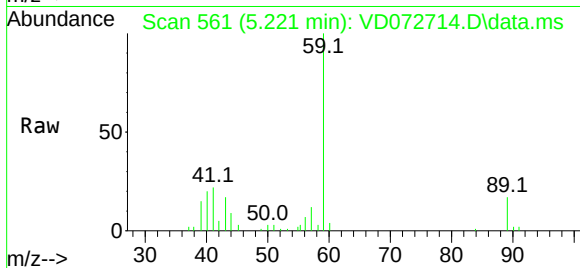




#11
Tert butyl alcohol
Concen: 326.755 ug/l
RT: 5.221 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

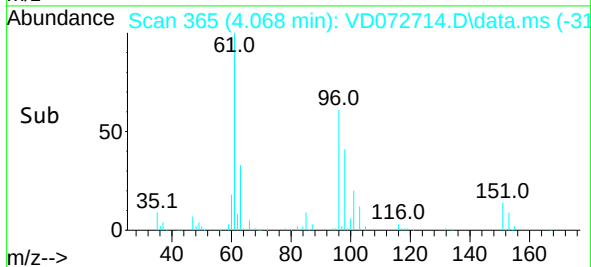
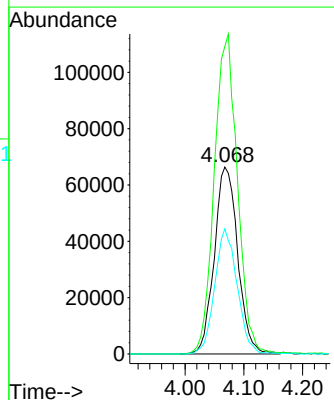
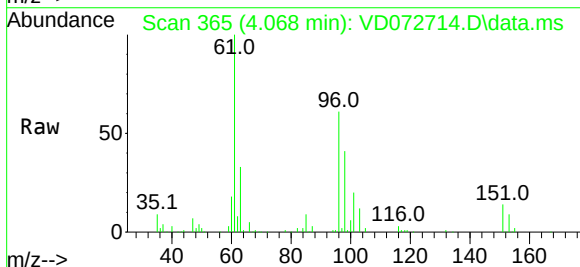
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

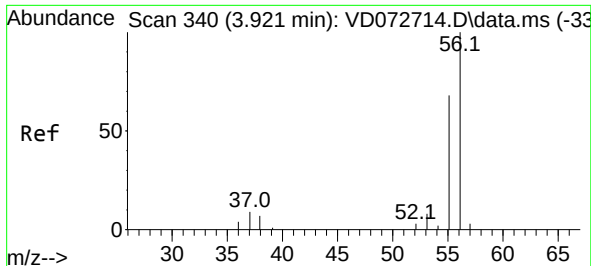
Tgt Ion: 59 Resp: 80550
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 56.826 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 96 Resp: 183945
Ion Ratio Lower Upper
96 100
61 164.6 138.5 207.7
98 66.9 48.6 73.0

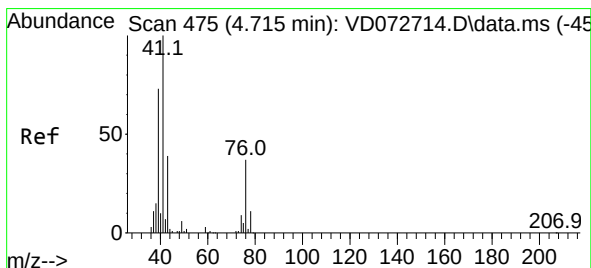
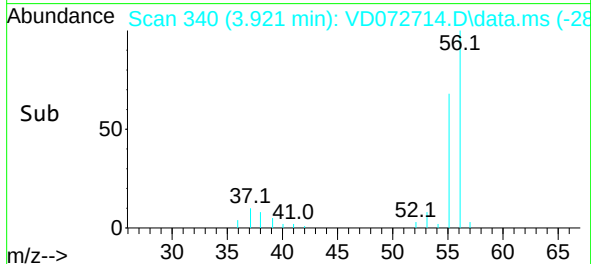
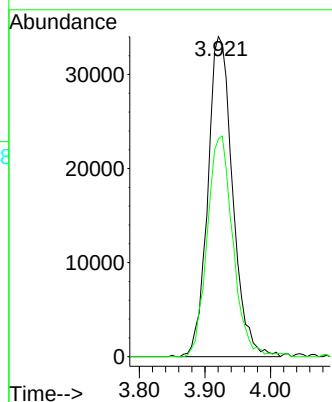
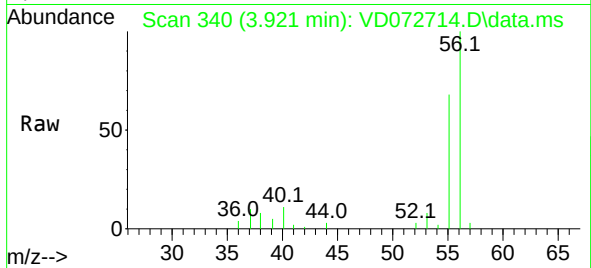




#13
Acrolein
Concen: 589.436 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

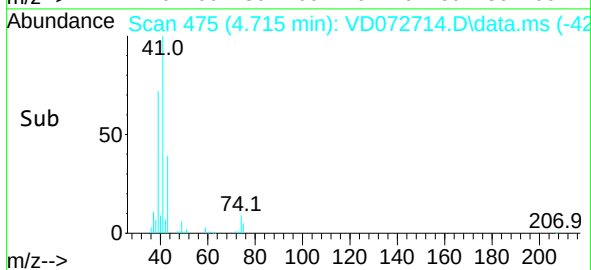
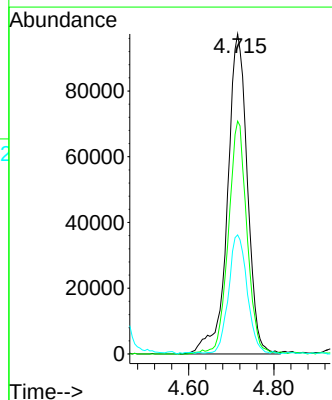
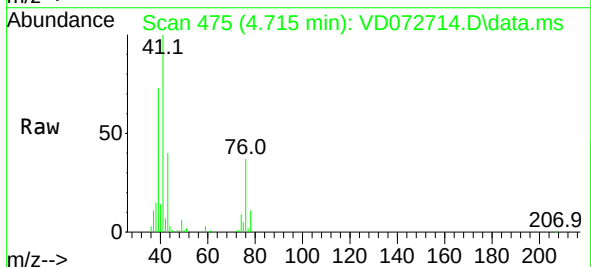
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

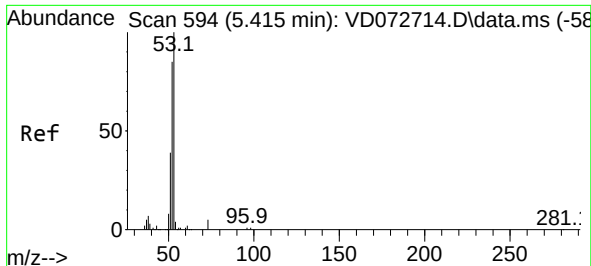
Tgt Ion: 56 Resp: 89550
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7



#14
Allyl chloride
Concen: 59.996 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 41 Resp: 315867
Ion Ratio Lower Upper
41 100
39 68.1 59.3 88.9
76 34.3 25.7 38.5

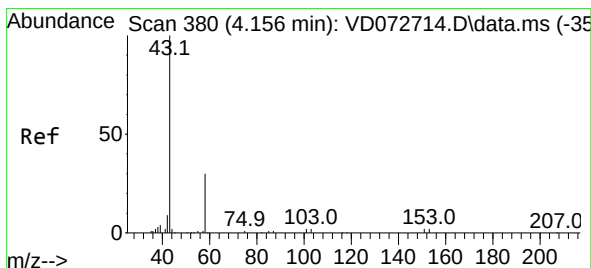
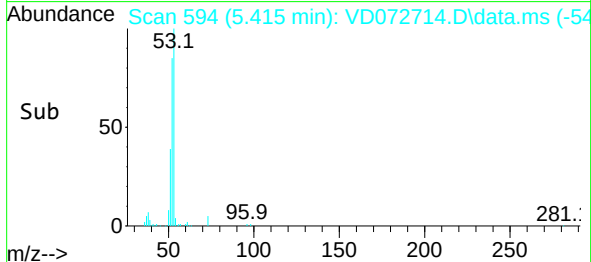
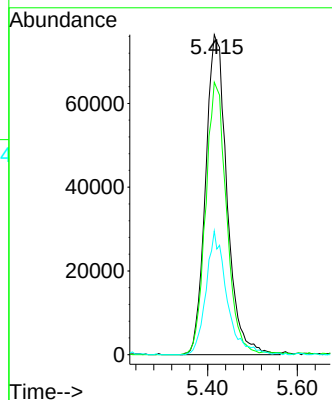
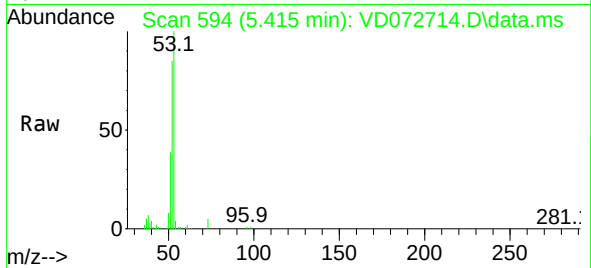




#15
Acrylonitrile
Concen: 271.328 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

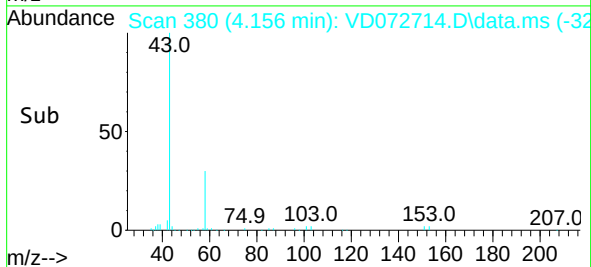
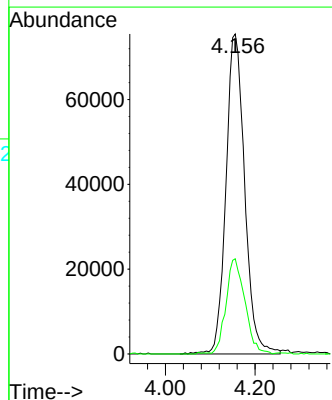
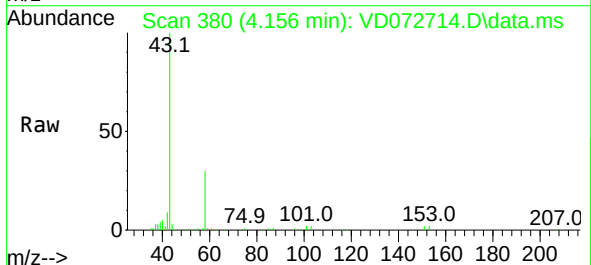
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

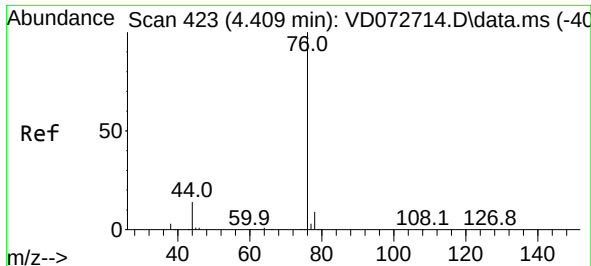
Tgt Ion: 53 Resp: 253783
Ion Ratio Lower Upper
53 100
52 82.7 67.2 100.8
51 37.3 30.3 45.5



#16
Acetone
Concen: 267.423 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 43 Resp: 219153
Ion Ratio Lower Upper
43 100
58 29.7 22.1 33.1

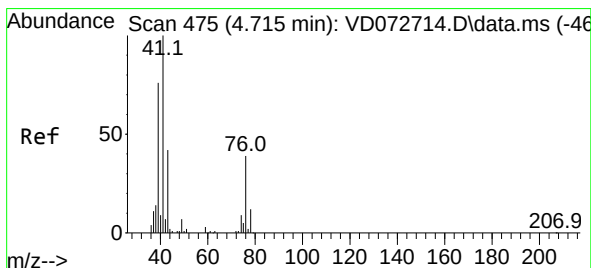
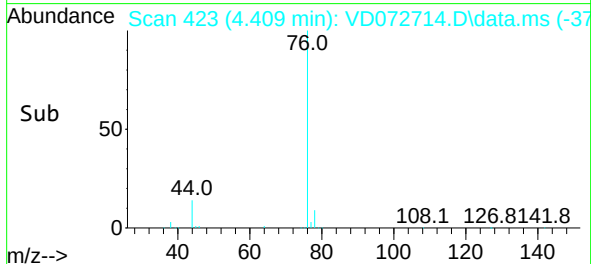
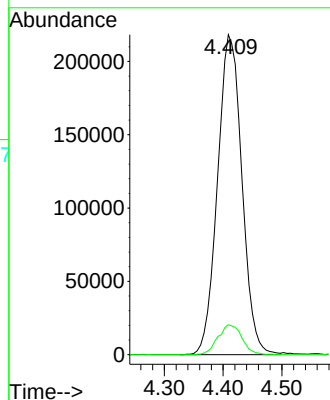
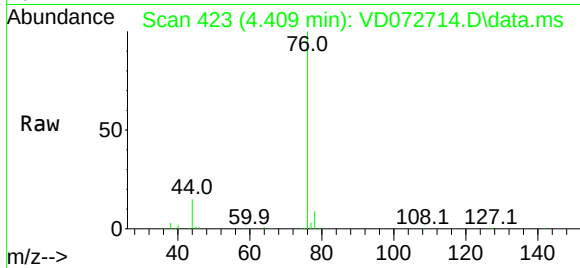




#17
Carbon Disulfide
Concen: 96.140 ug/l
RT: 4.409 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

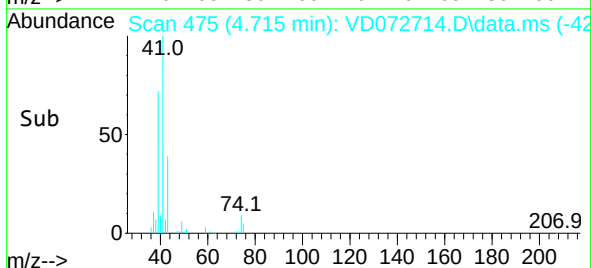
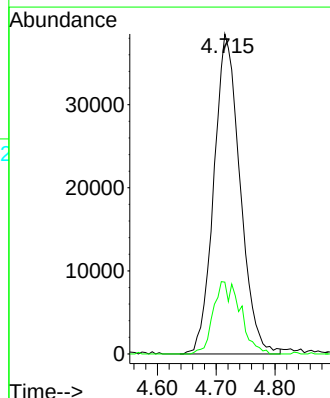
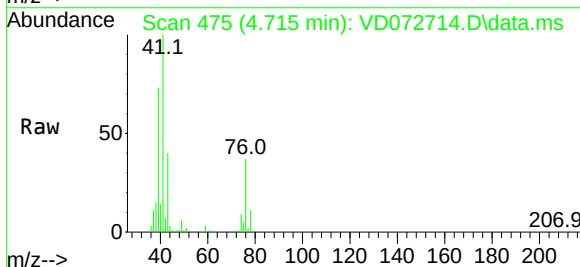
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

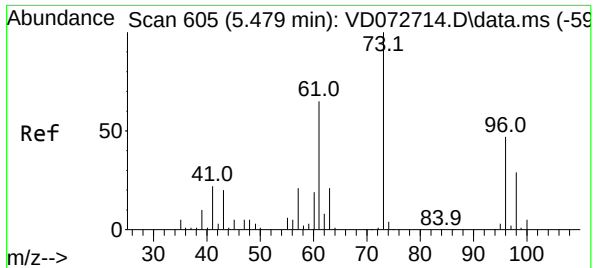
Tgt Ion: 76 Resp: 628727
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 50.663 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 43 Resp: 119240
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 52.560 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

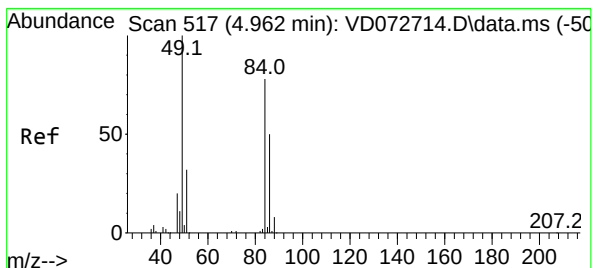
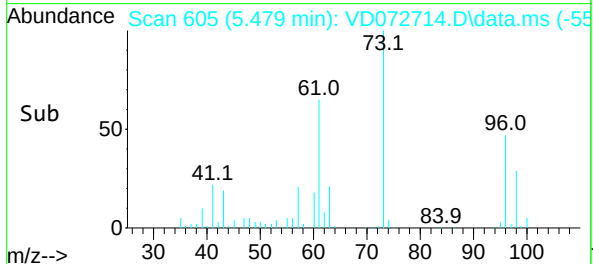
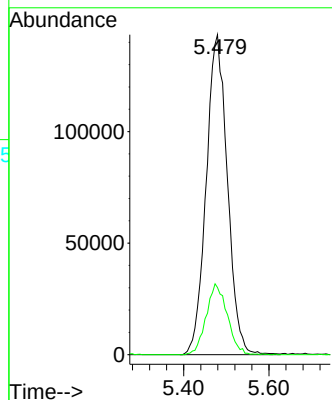
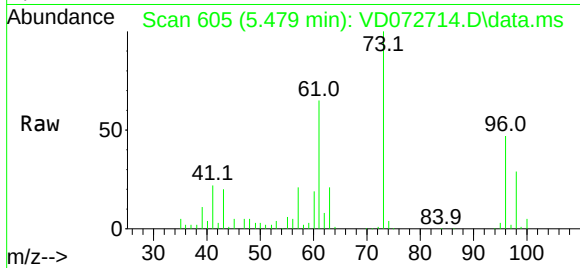
VSTDICCC050

Tgt Ion: 73 Resp: 496477

Ion Ratio Lower Upper

73 100

57 21.0 18.0 27.0



#20

Methylene Chloride

Concen: 60.462 ug/l

RT: 4.962 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Tgt Ion: 84 Resp: 307907

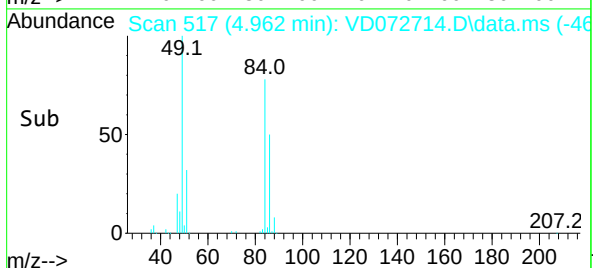
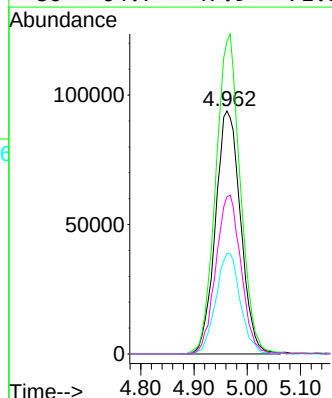
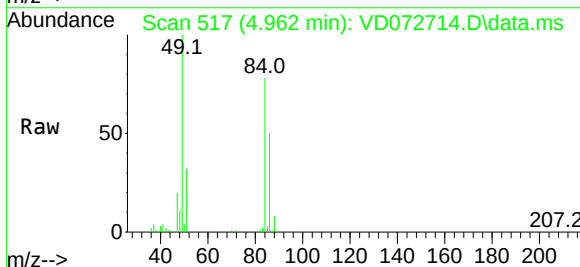
Ion Ratio Lower Upper

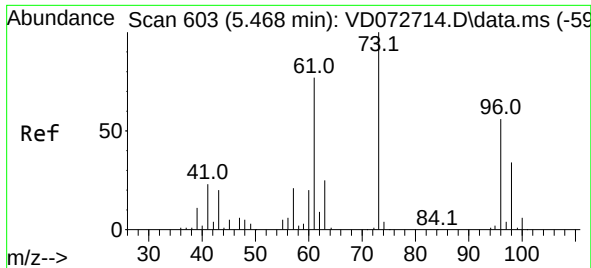
84 100

49 128.7 112.8 169.2

51 41.3 32.6 48.8

86 64.7 47.9 71.9

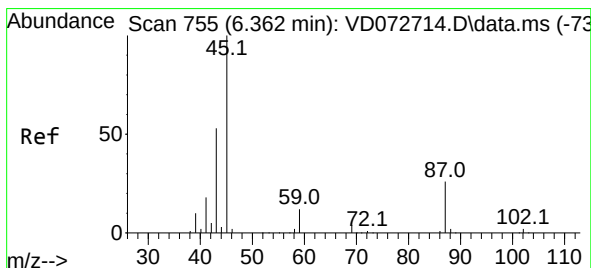
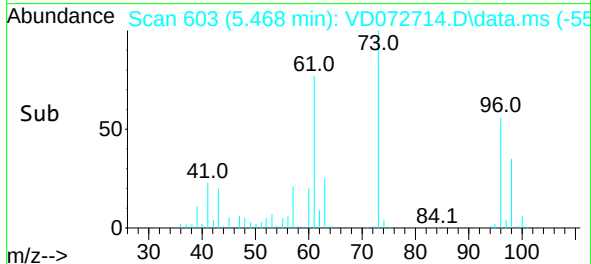
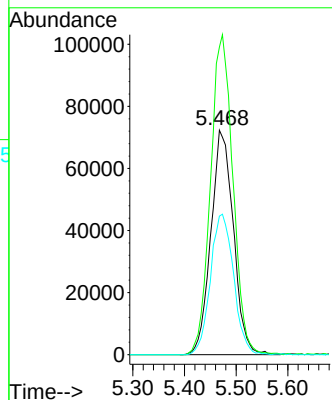
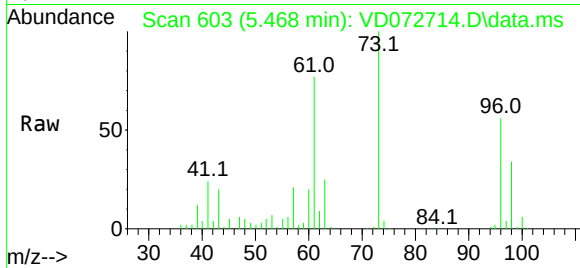




#21
trans-1,2-Dichloroethene
Concen: 60.009 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

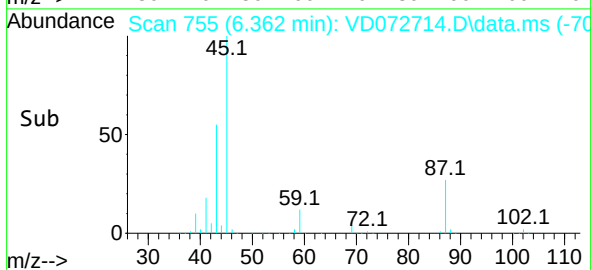
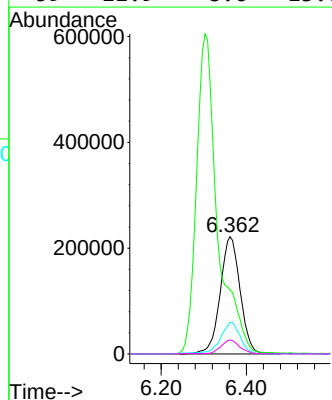
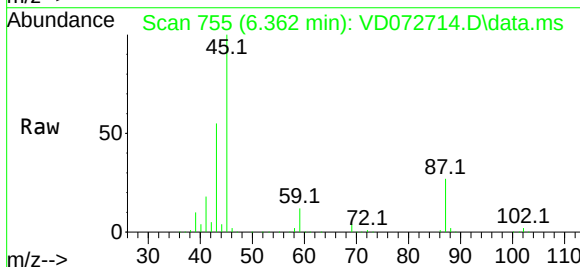
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

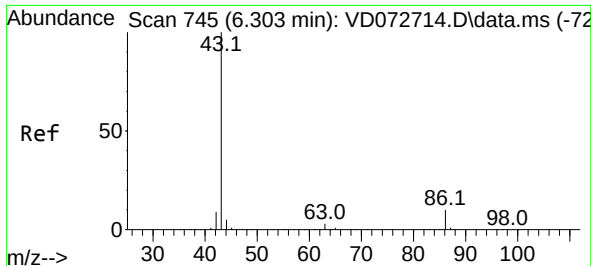
Tgt Ion: 96 Resp: 218631
Ion Ratio Lower Upper
96 100
61 137.0 117.9 176.9
98 61.7 49.4 74.2



#22
Diisopropyl ether
Concen: 55.073 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 45 Resp: 720864
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 26.8 18.4 27.6
59 11.9 8.6 13.0

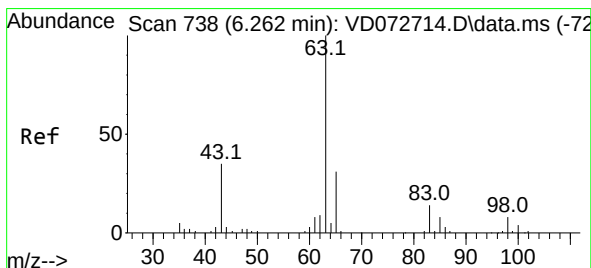
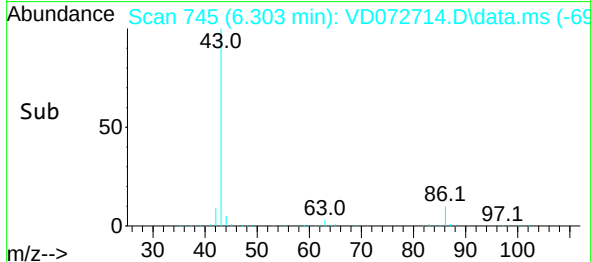
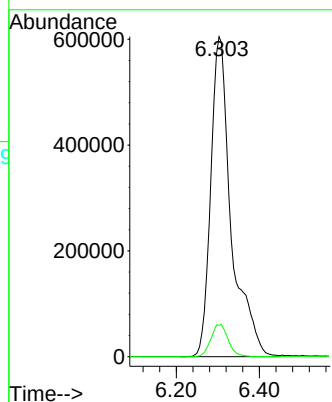
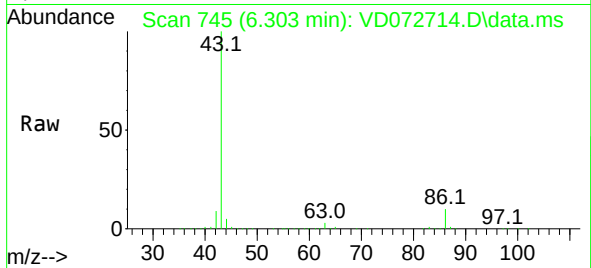




#23
 Vinyl Acetate
 Concen: 321.663 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

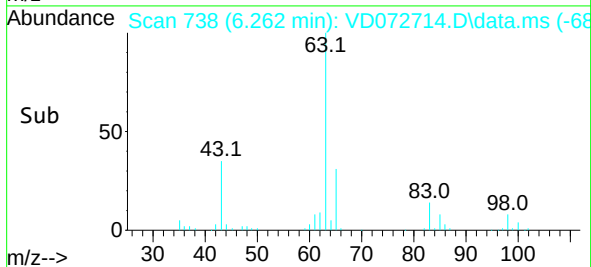
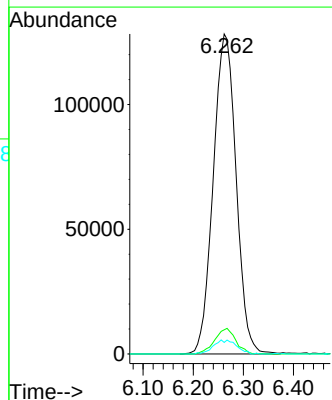
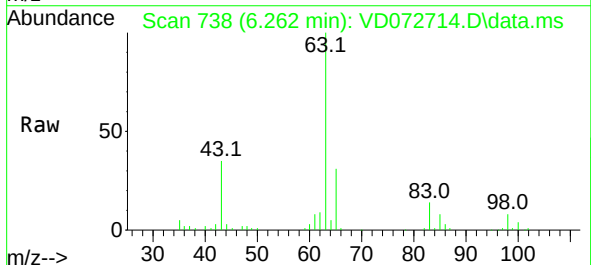
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

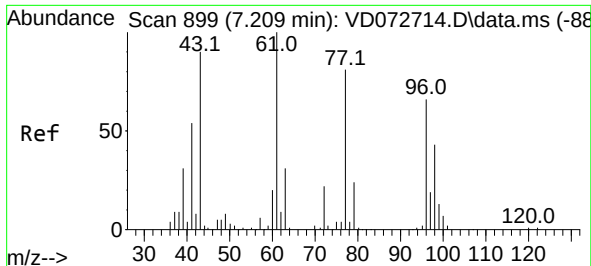
Tgt Ion: 43 Resp: 2070267
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 52.059 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

Tgt Ion: 63 Resp: 406860
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 281.938 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

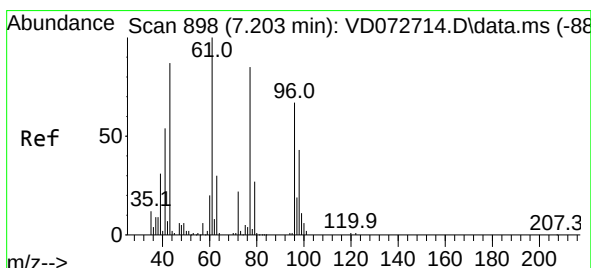
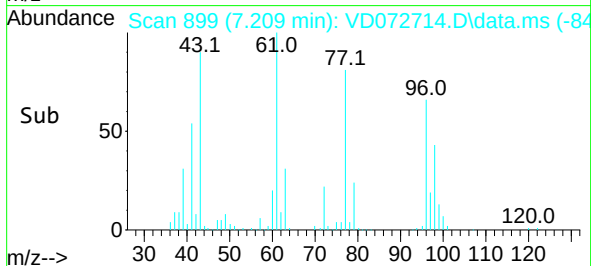
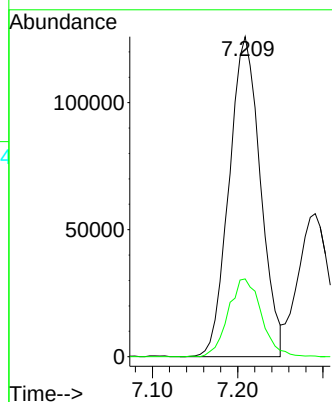
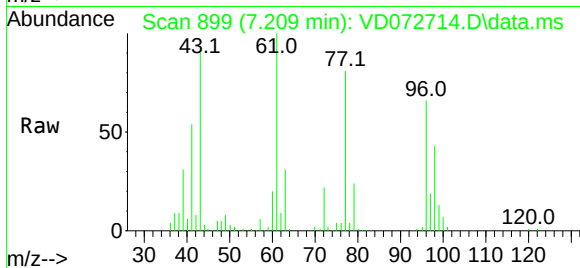
VSTDICCC050

Tgt Ion: 43 Resp: 321982

Ion Ratio Lower Upper

43 100

72 24.3 18.6 27.8



#26

2,2-Dichloropropane

Concen: 48.318 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD072714.D

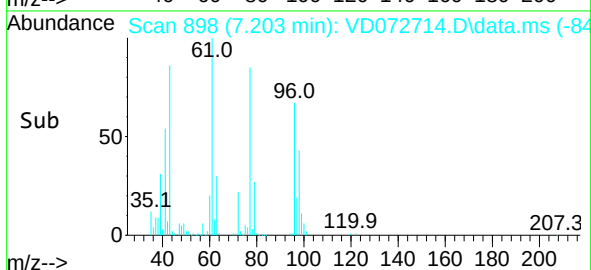
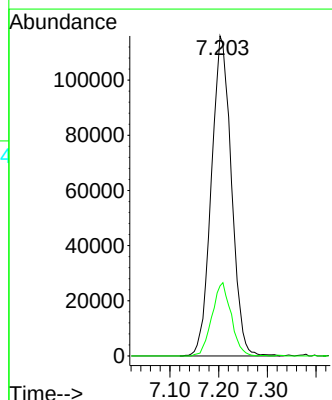
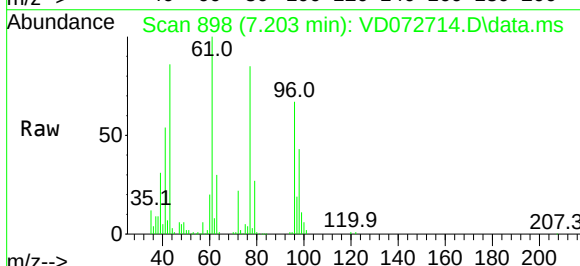
Acq: 27 Apr 2022 13:28

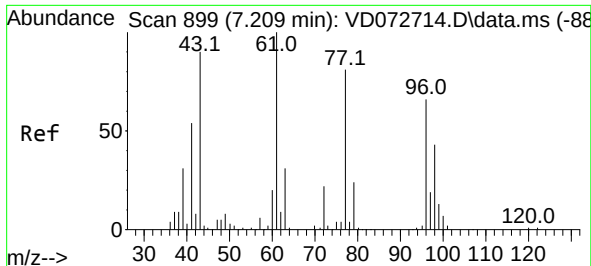
Tgt Ion: 77 Resp: 330768

Ion Ratio Lower Upper

77 100

97 21.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 51.192 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

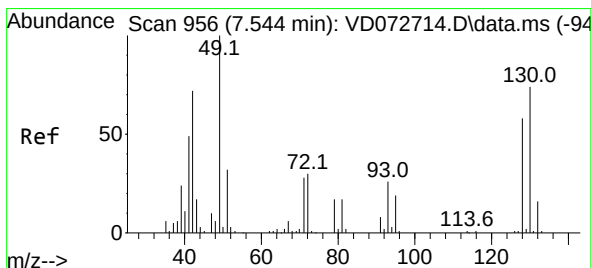
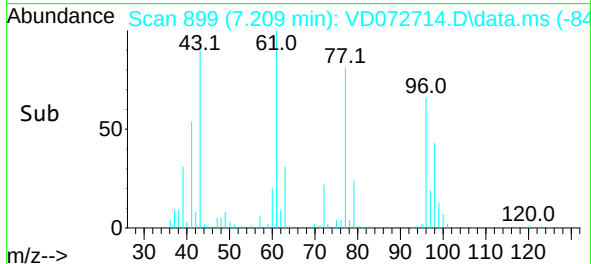
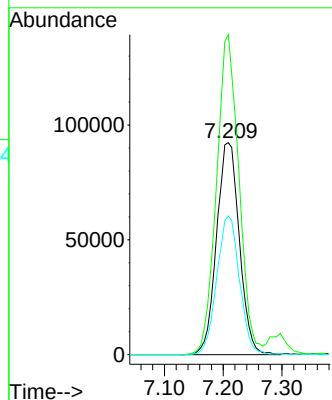
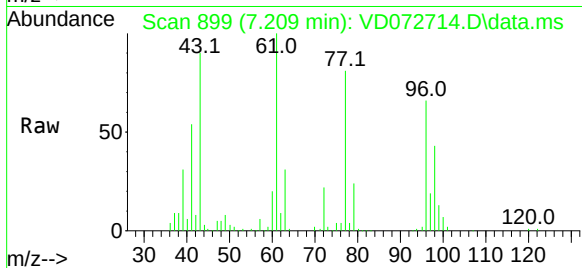
Tgt Ion: 96 Resp: 248686

Ion Ratio Lower Upper

96 100

61 148.6 0.0 313.8

98 65.3 0.0 128.8



#28

Bromochloromethane

Concen: 52.382 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

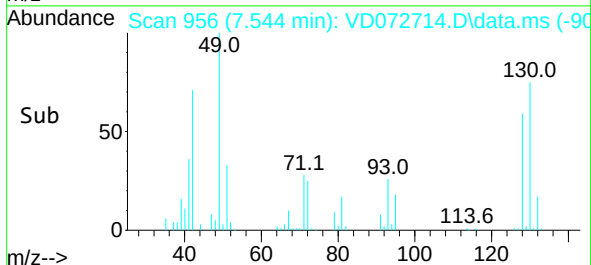
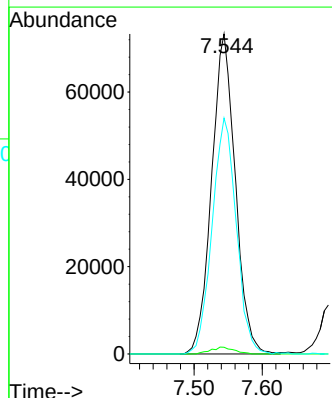
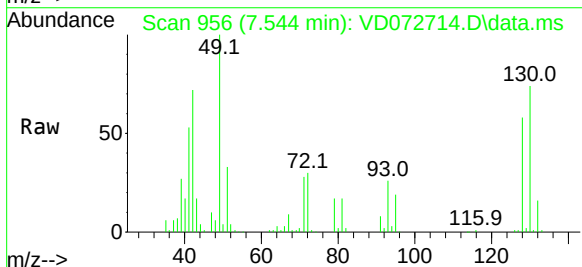
Tgt Ion: 49 Resp: 177504

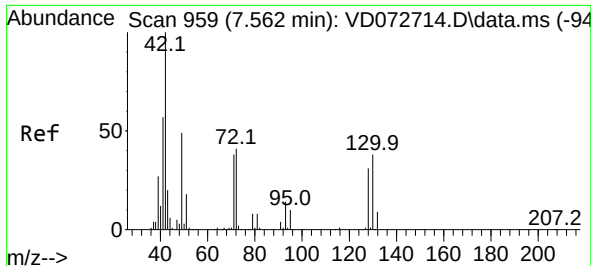
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 74.9 52.6 79.0





#29

Tetrahydrofuran

Concen: 301.610 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

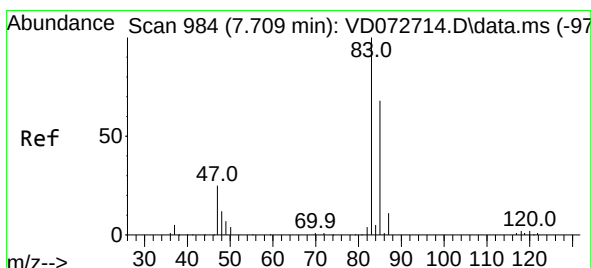
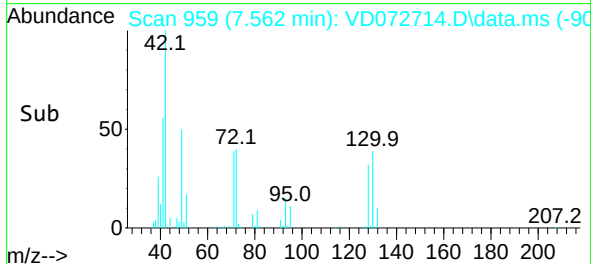
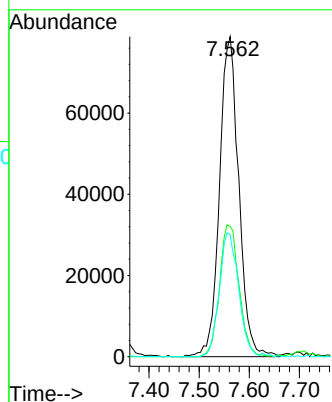
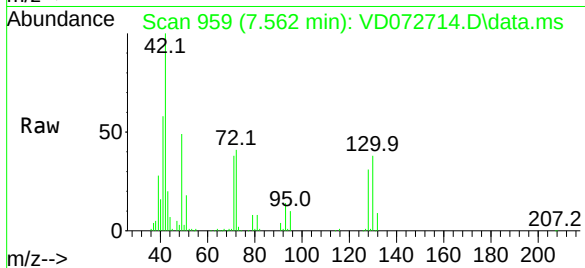
Tgt Ion: 42 Resp: 210650

Ion Ratio Lower Upper

42 100

72 41.7 30.7 46.1

71 38.5 28.6 43.0



#30

Chloroform

Concen: 48.307 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD072714.D

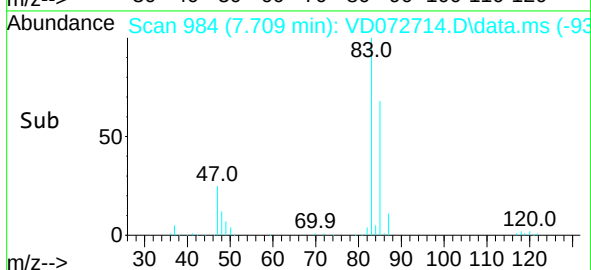
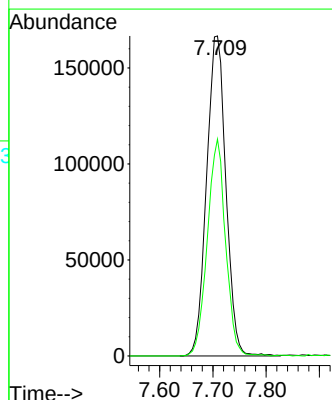
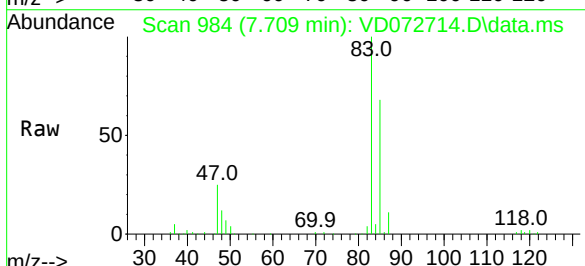
Acq: 27 Apr 2022 13:28

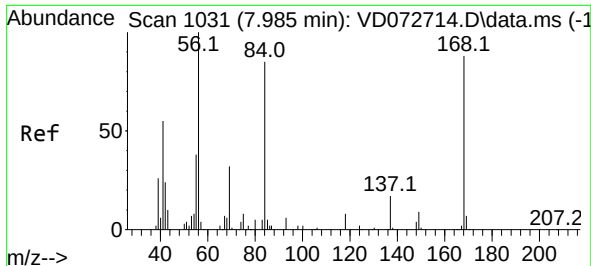
Tgt Ion: 83 Resp: 420212

Ion Ratio Lower Upper

83 100

85 67.7 52.7 79.1

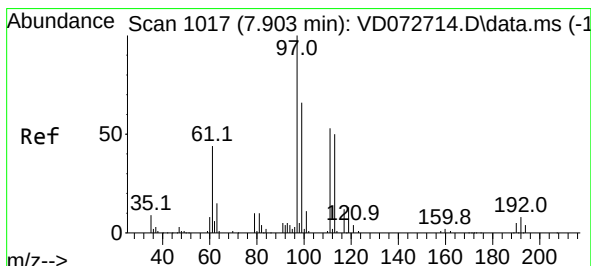
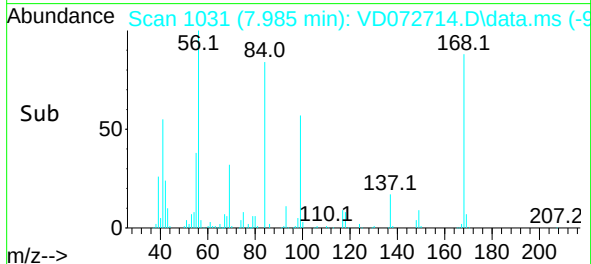
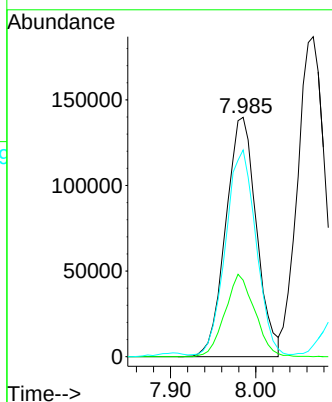
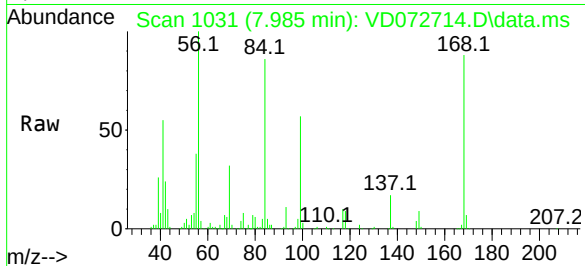




#31
Cyclohexane
Concen: 60.473 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

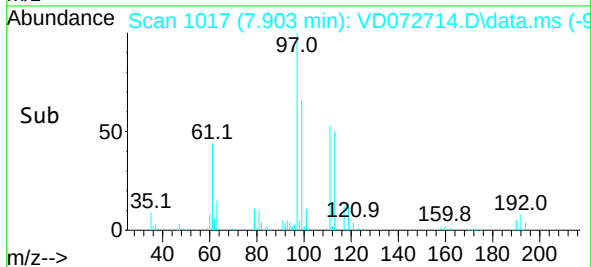
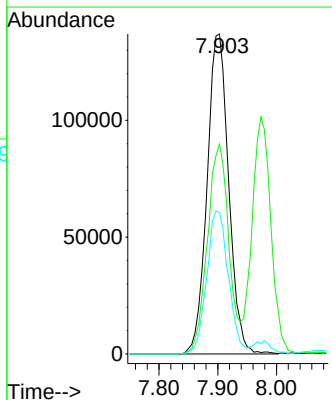
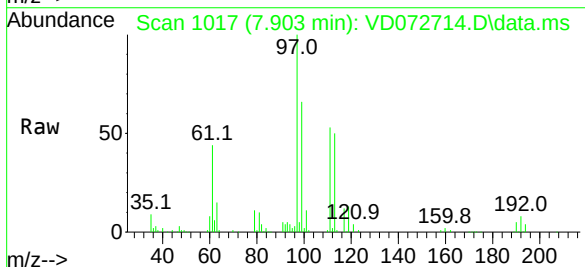
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

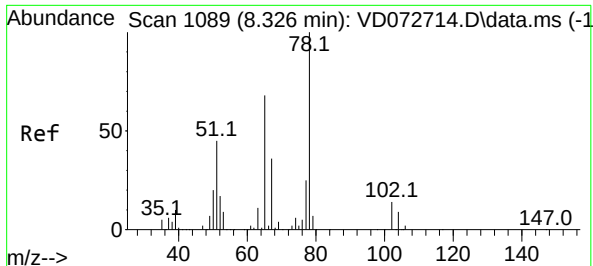
Tgt Ion: 56 Resp: 350601
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.2
84 84.9 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 47.796 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 97 Resp: 349559
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 44.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.463 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

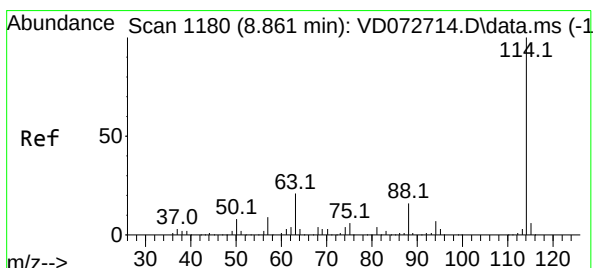
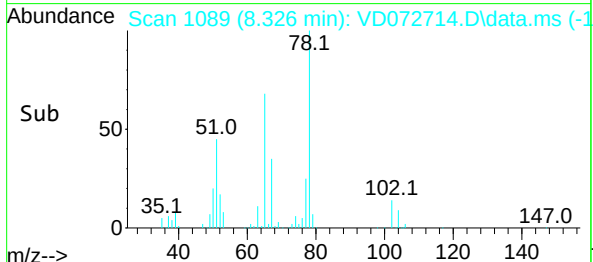
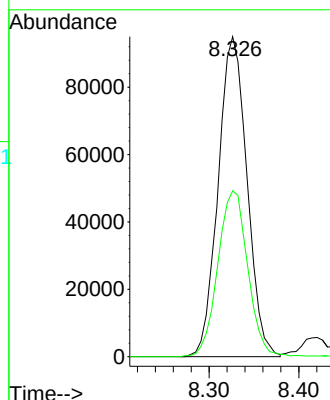
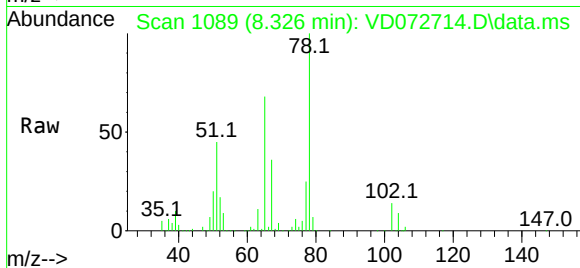
VSTDICCC050

Tgt Ion: 65 Resp: 211908

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

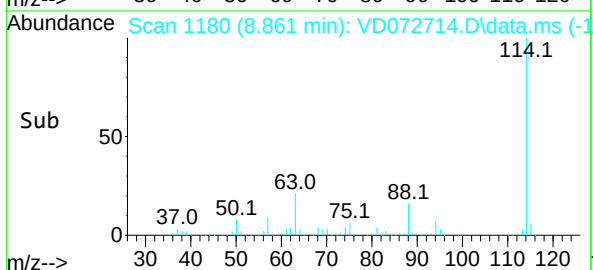
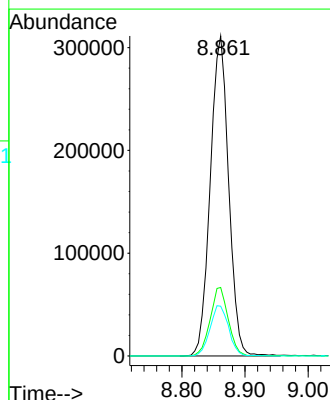
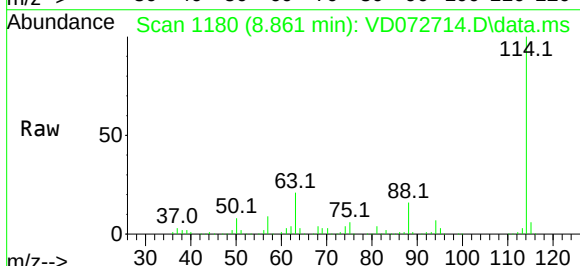
Tgt Ion: 114 Resp: 628626

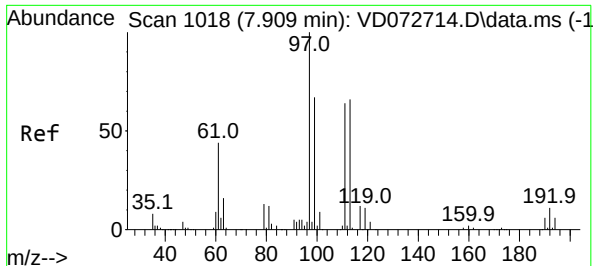
Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 39.868 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

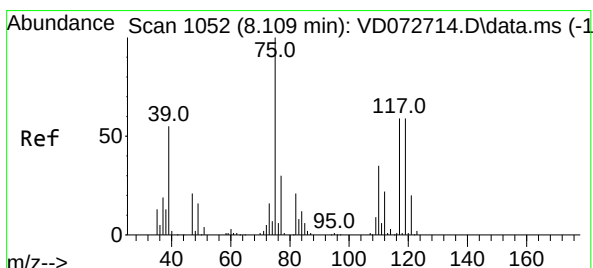
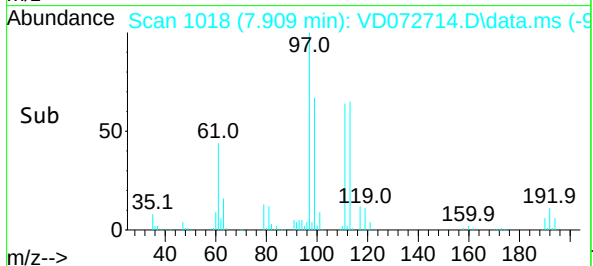
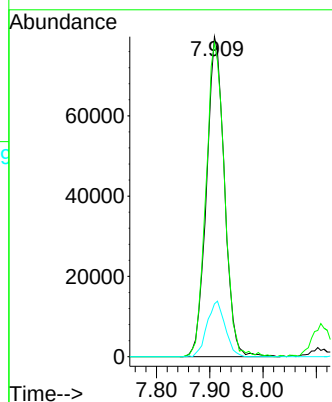
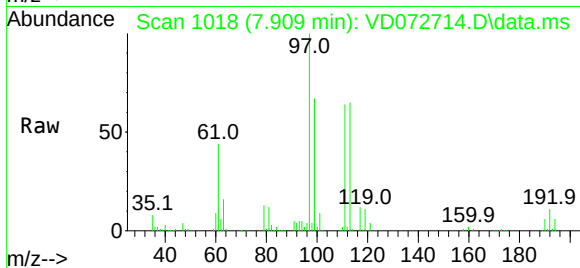
Tgt Ion:113 Resp: 186721

Ion Ratio Lower Upper

113 100

111 101.0 83.8 125.6

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 54.570 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

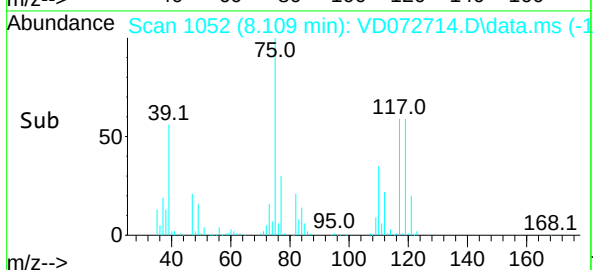
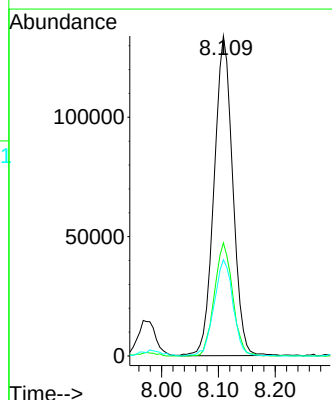
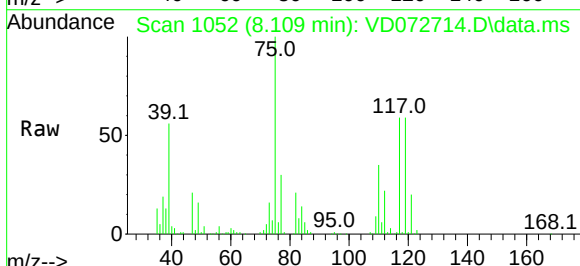
Tgt Ion: 75 Resp: 305558

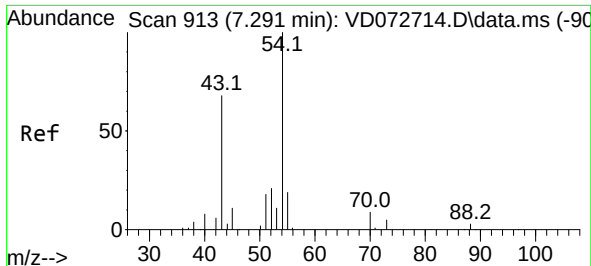
Ion Ratio Lower Upper

75 100

110 34.6 16.4 49.1

77 30.7 24.2 36.2





#37

Ethyl Acetate

Concen: 57.543 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

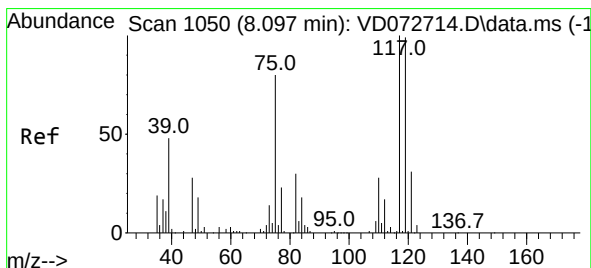
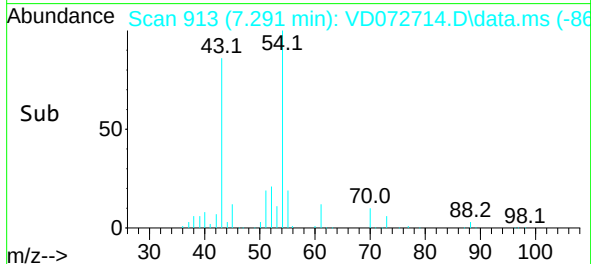
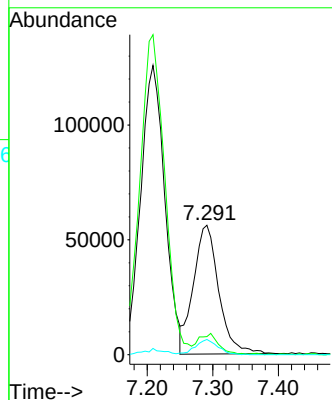
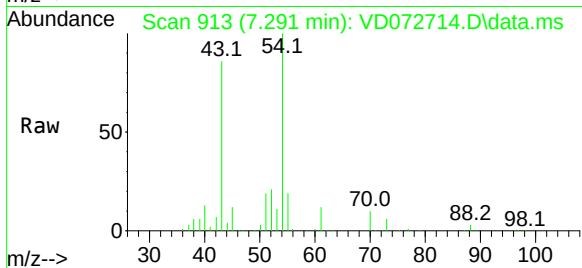
Tgt Ion: 43 Resp: 150611

Ion Ratio Lower Upper

43 100

61 12.6 9.8 14.8

70 10.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 46.670 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

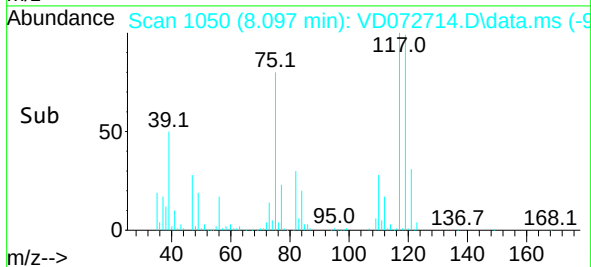
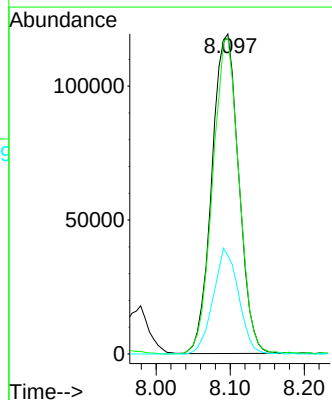
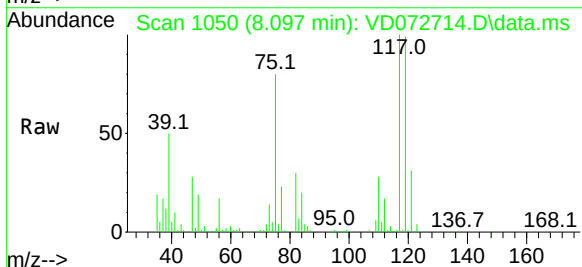
Tgt Ion: 117 Resp: 300558

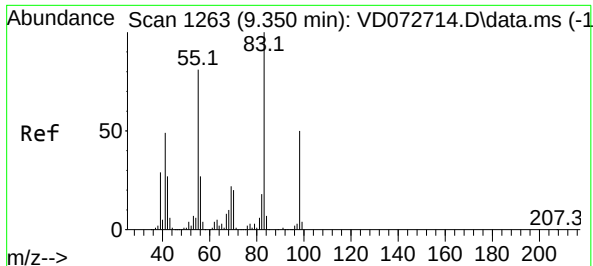
Ion Ratio Lower Upper

117 100

119 99.0 75.8 113.6

121 30.8 24.5 36.7





#39

Methylcyclohexane

Concen: 57.654 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

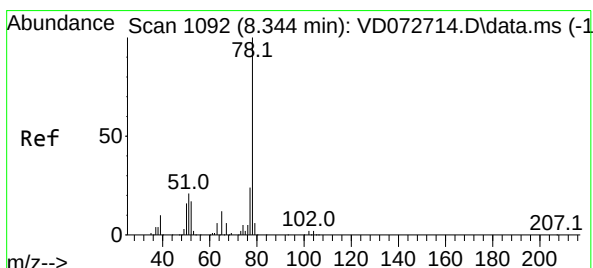
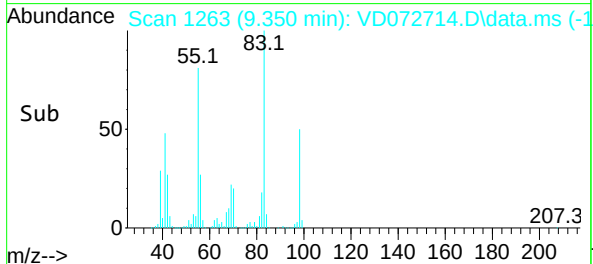
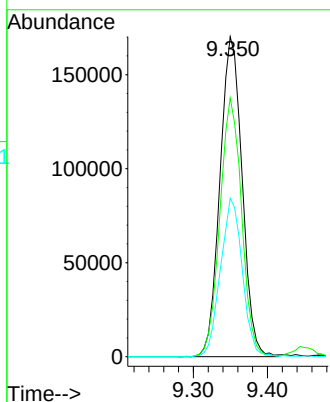
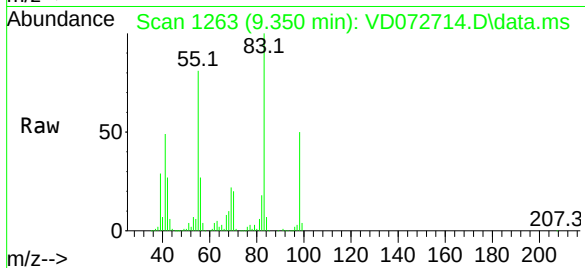
Tgt Ion: 83 Resp: 353752

Ion Ratio Lower Upper

83 100

55 80.8 63.2 94.8

98 49.5 38.2 57.4



#40

Benzene

Concen: 52.316 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD072714.D

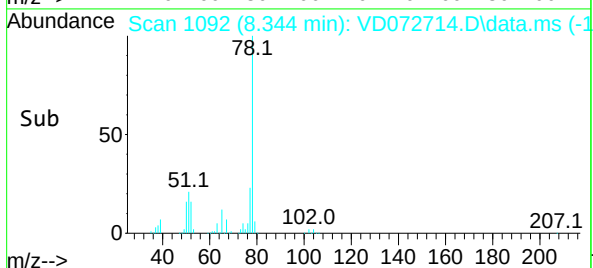
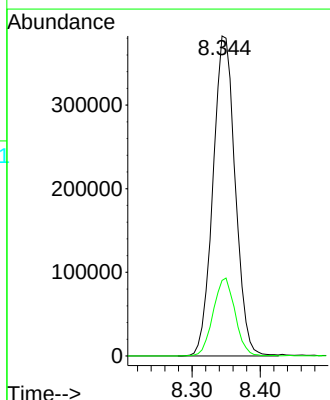
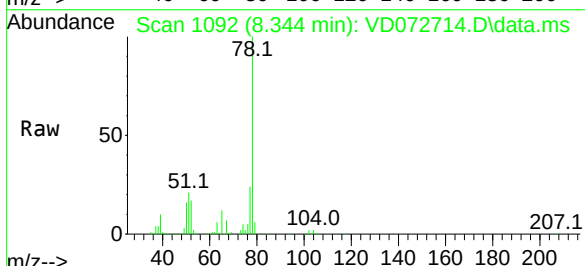
Acq: 27 Apr 2022 13:28

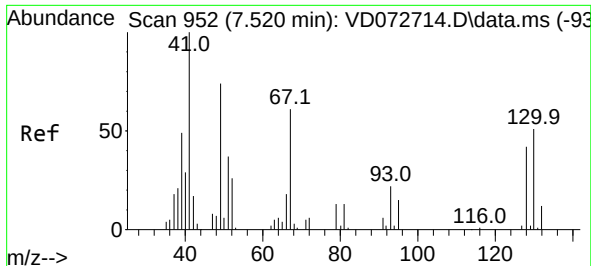
Tgt Ion: 78 Resp: 870395

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7



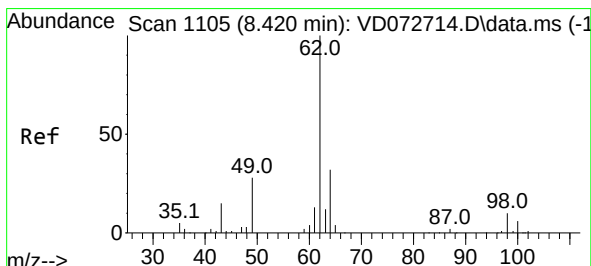
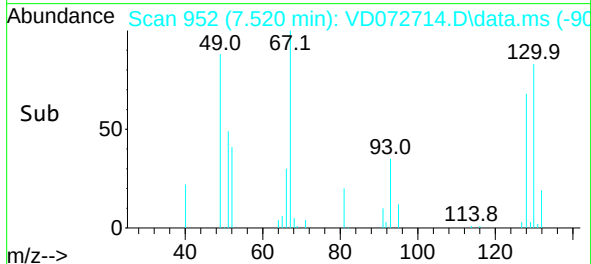
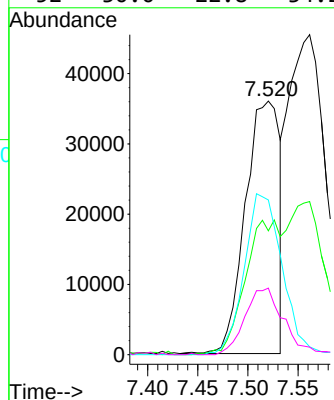
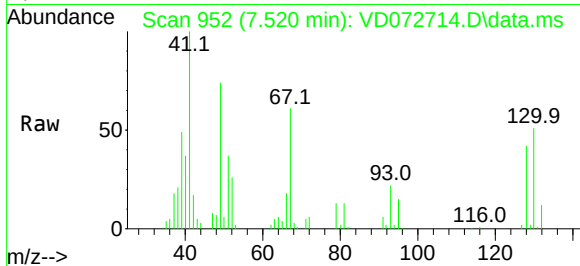


#41
Methacrylonitrile
Concen: 58.761 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 85578

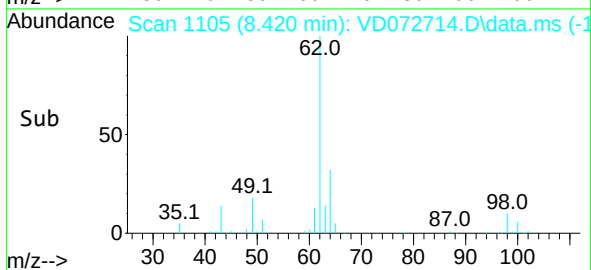
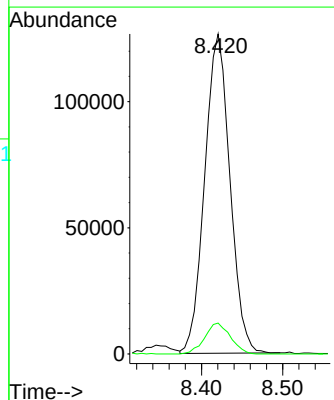
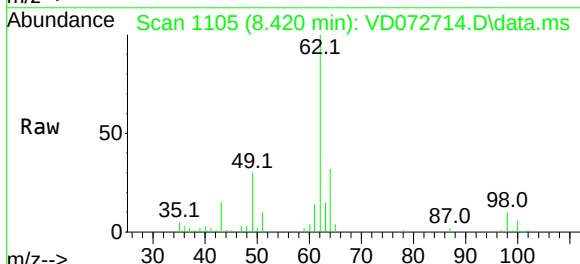
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.6	67.0
67	70.6	48.2	72.4
52	30.0	22.8	34.2

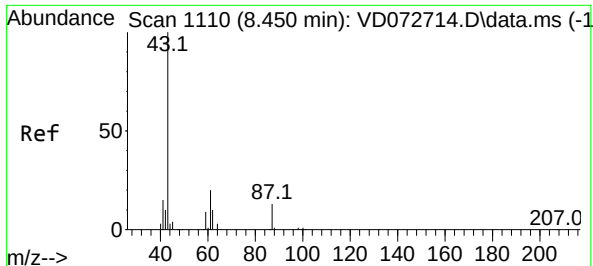


#42
1,2-Dichloroethane
Concen: 53.066 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 62 Resp: 273338

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	17.6





#43

Isopropyl Acetate

Concen: 56.950 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

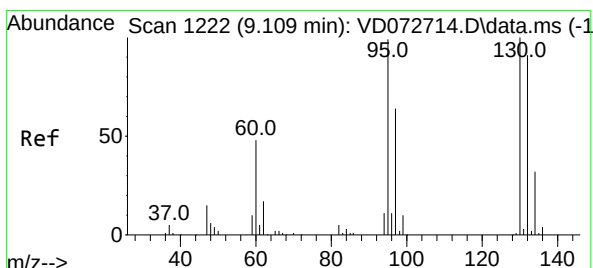
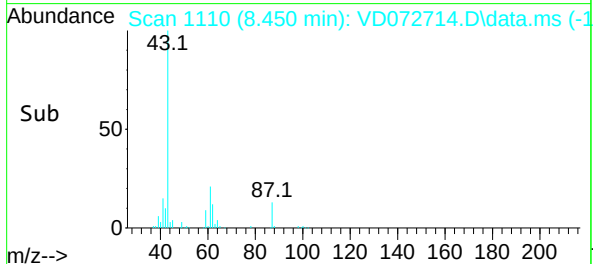
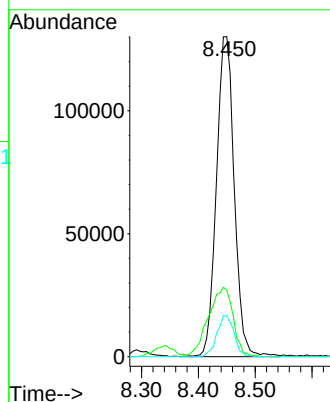
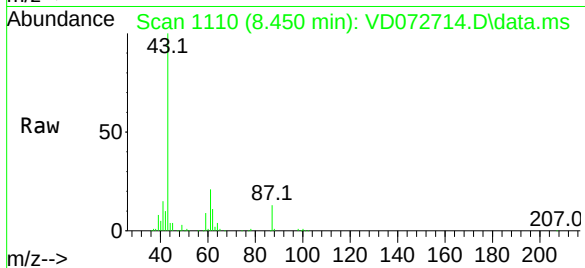
Tgt Ion: 43 Resp: 284226

Ion Ratio Lower Upper

43 100

61 30.0 22.4 33.6

87 12.3 8.7 13.1



#44

Trichloroethene

Concen: 48.371 ug/l

RT: 9.109 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072714.D

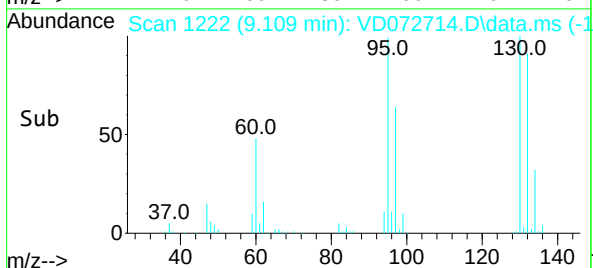
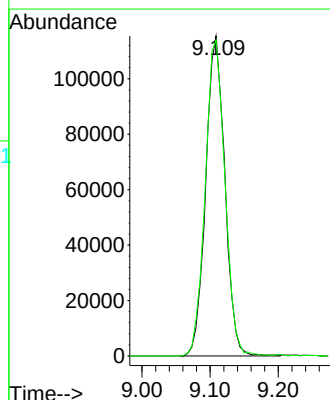
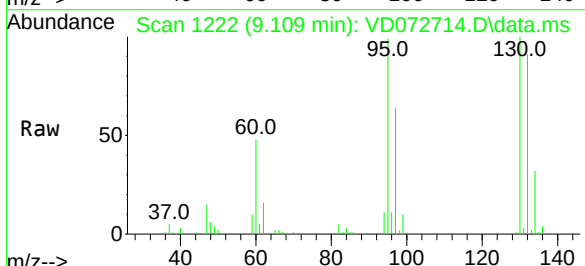
Acq: 27 Apr 2022 13:28

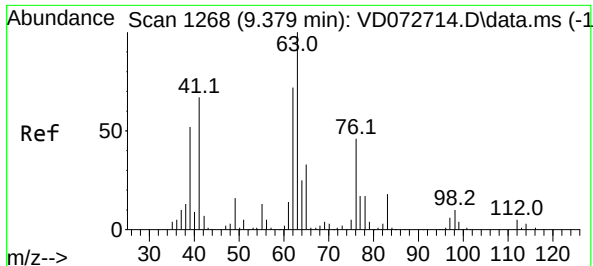
Tgt Ion:130 Resp: 225261

Ion Ratio Lower Upper

130 100

95 98.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.873 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

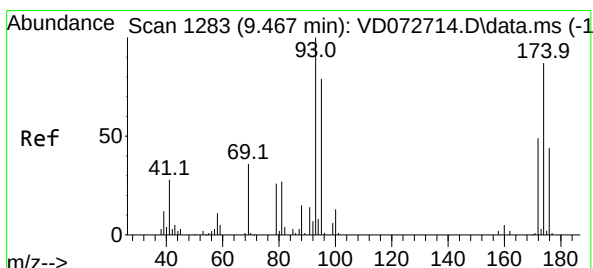
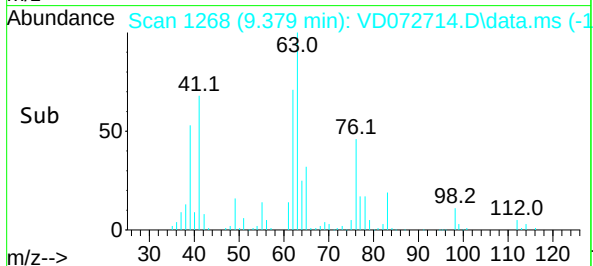
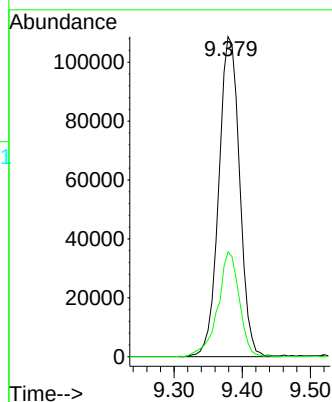
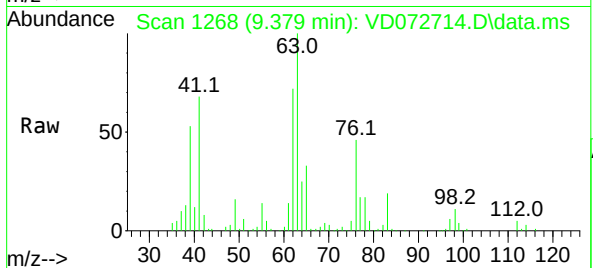
VSTDICCC050

Tgt Ion: 63 Resp: 231381

Ion Ratio Lower Upper

63 100

65 32.7 26.2 39.4



#46

Dibromomethane

Concen: 53.550 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

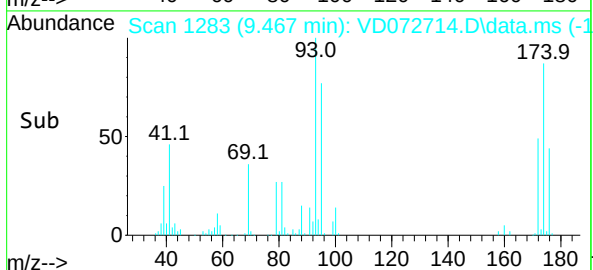
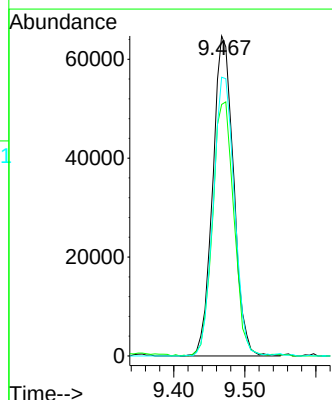
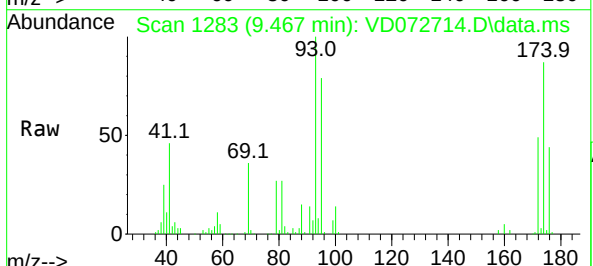
Tgt Ion: 93 Resp: 131671

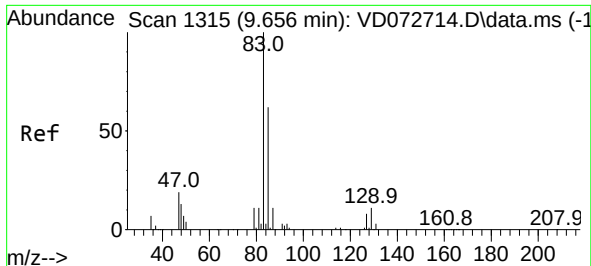
Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

174 88.5 71.6 107.4

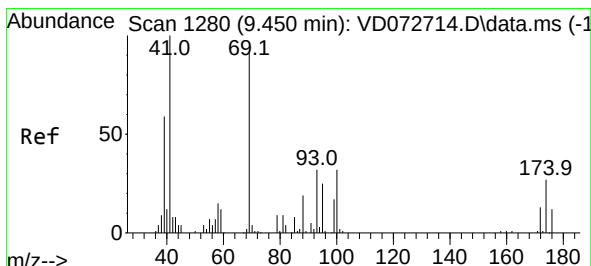
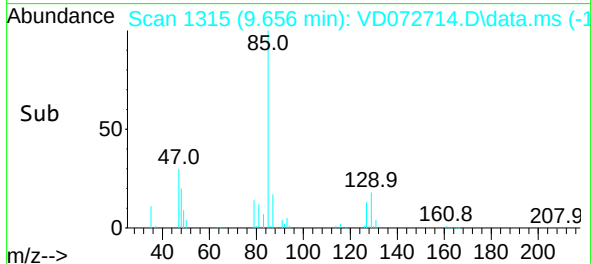
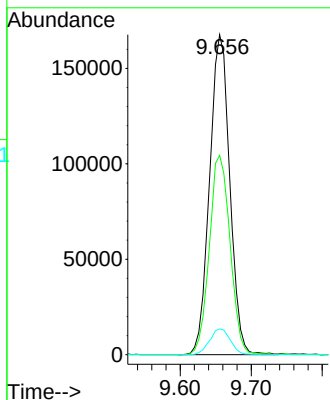
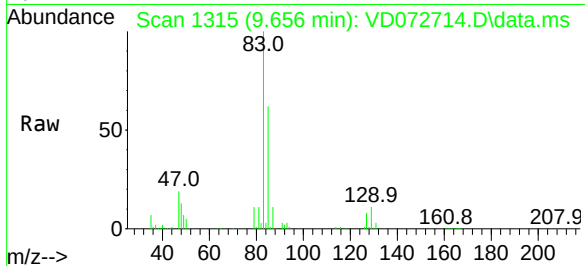




#47
 Bromodichloromethane
 Concen: 47.378 ug/l
 RT: 9.656 min Scan# 1315
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

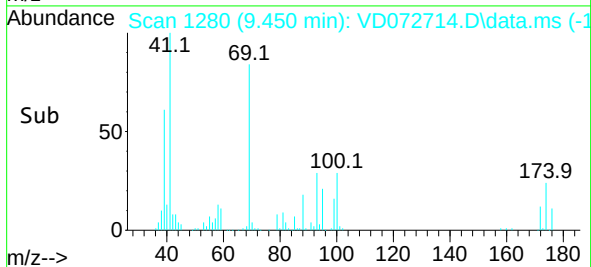
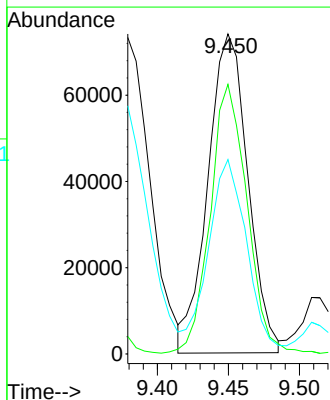
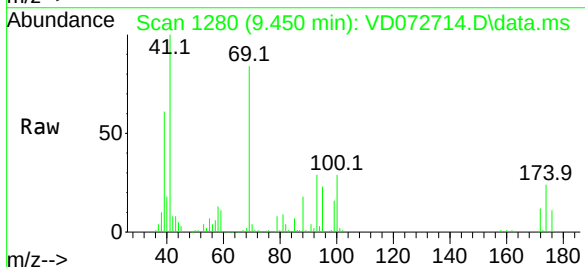
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

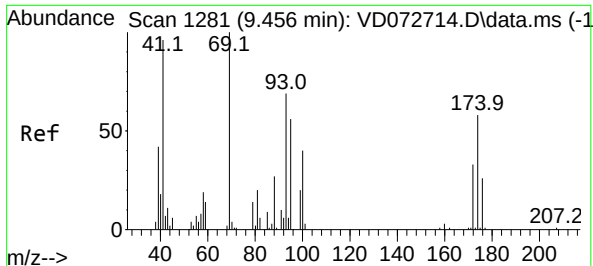
Tgt Ion: 83 Resp: 330377
 Ion Ratio Lower Upper
 83 100
 85 62.3 51.4 77.0
 127 8.0 6.1 9.1



#48
 Methyl methacrylate
 Concen: 58.897 ug/l
 RT: 9.450 min Scan# 1280
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

Tgt Ion: 41 Resp: 144620
 Ion Ratio Lower Upper
 41 100
 69 78.5 56.7 85.1
 39 53.7 42.7 64.1





#49

1,4-Dioxane

Concen: 1005.531 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

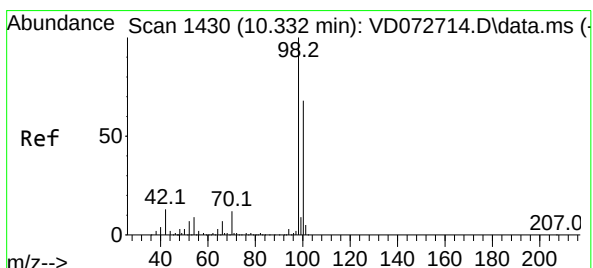
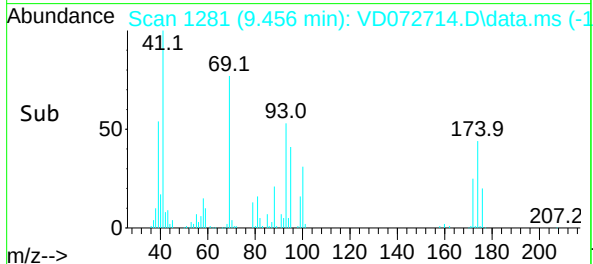
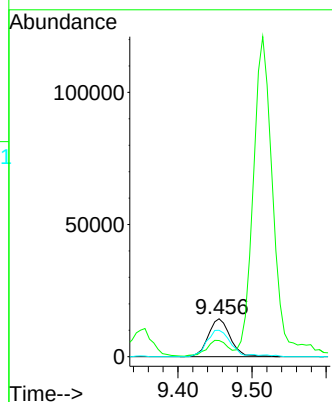
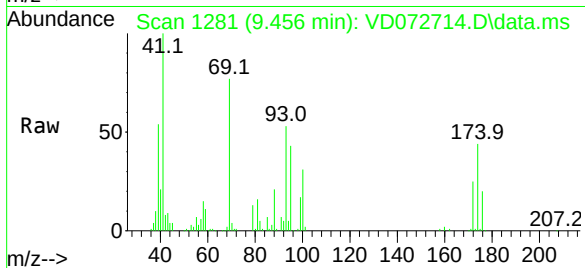
Tgt Ion: 88 Resp: 29536

Ion Ratio Lower Upper

88 100

43 39.7 31.0 46.4

58 78.8 58.1 87.1



#50

Toluene-d8

Concen: 40.246 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072714.D

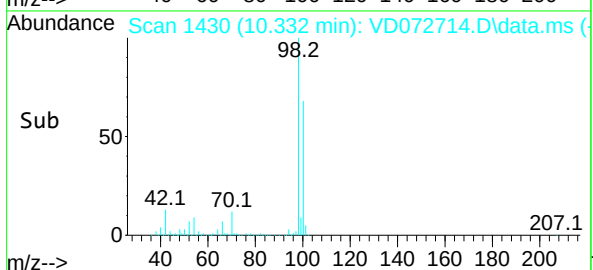
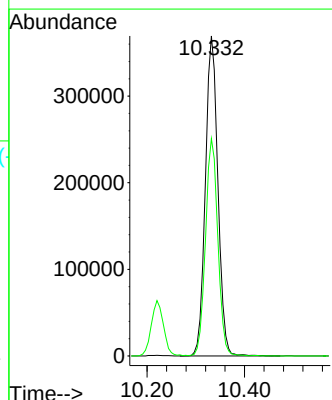
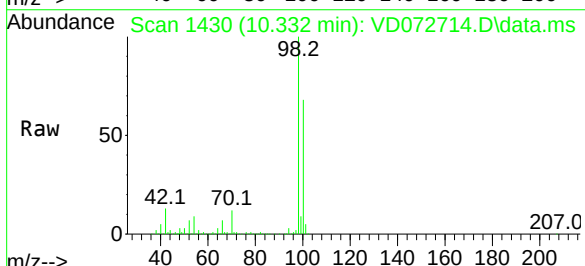
Acq: 27 Apr 2022 13:28

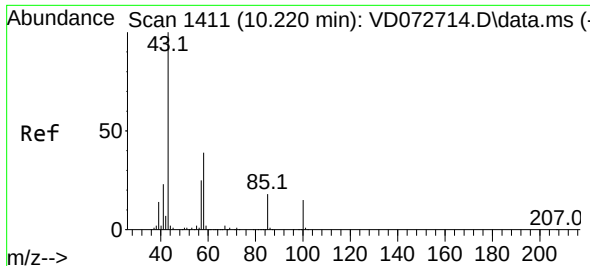
Tgt Ion: 98 Resp: 655828

Ion Ratio Lower Upper

98 100

100 66.9 52.4 78.6

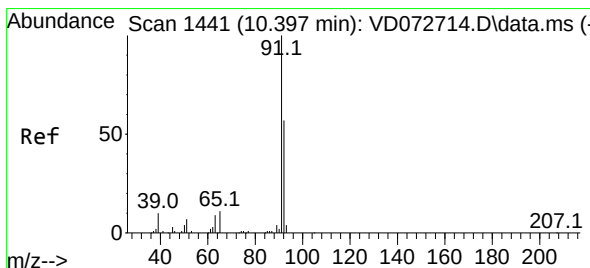
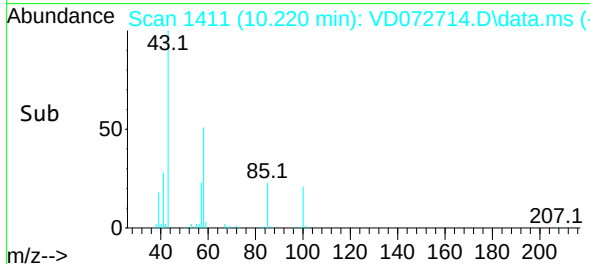
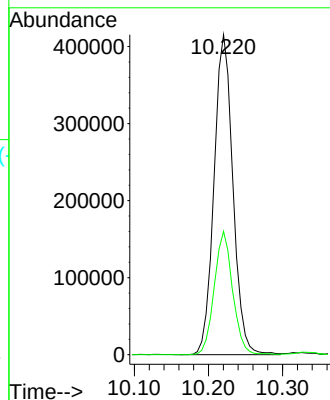
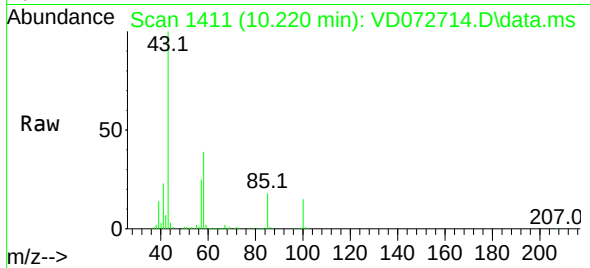




#51
4-Methyl-2-Pentanone
Concen: 276.196 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

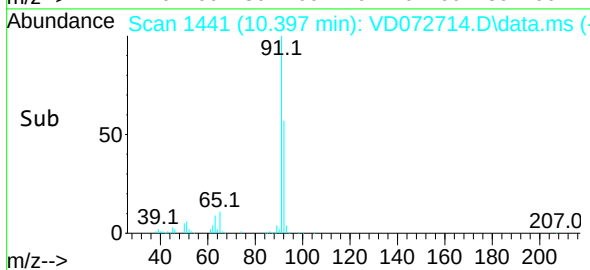
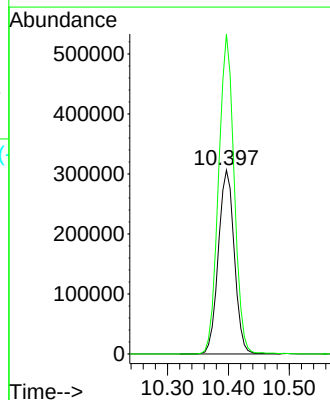
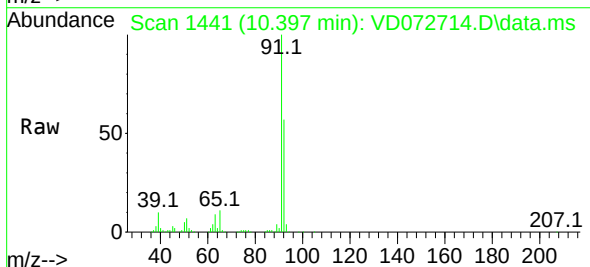
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

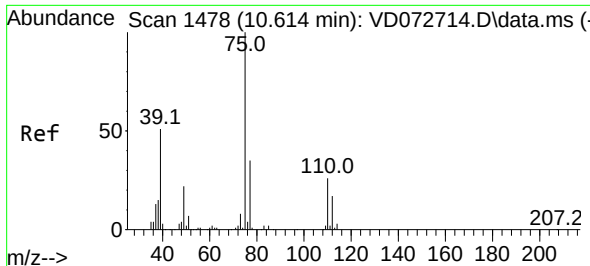
Tgt Ion: 43 Resp: 735858
Ion Ratio Lower Upper
43 100
58 37.6 28.6 43.0



#52
Toluene
Concen: 50.757 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 92 Resp: 556685
Ion Ratio Lower Upper
92 100
91 170.4 139.6 209.4

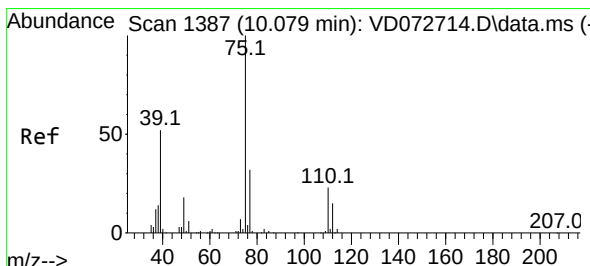
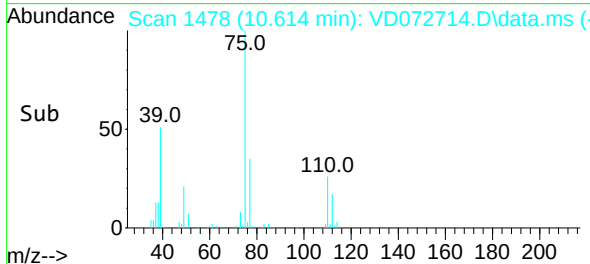
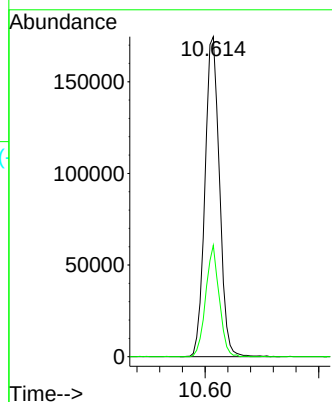
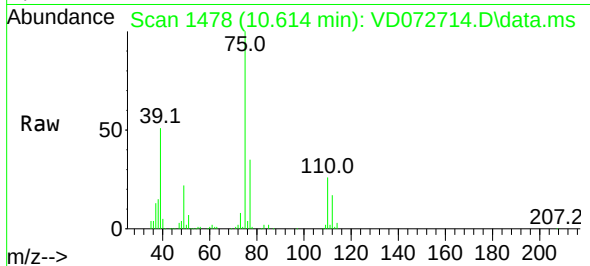




#53
 t-1,3-Dichloropropene
 Concen: 50.754 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

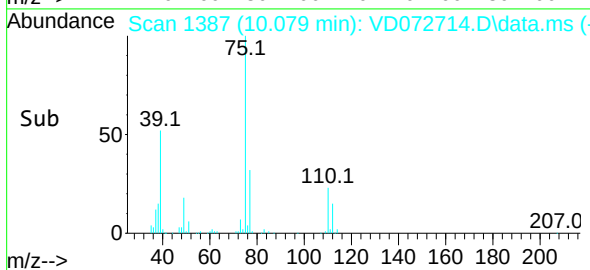
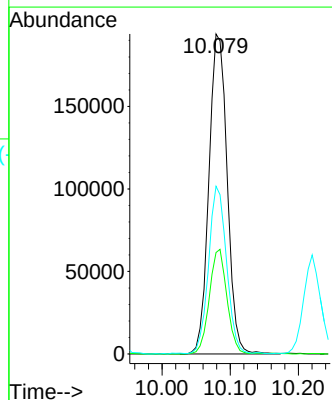
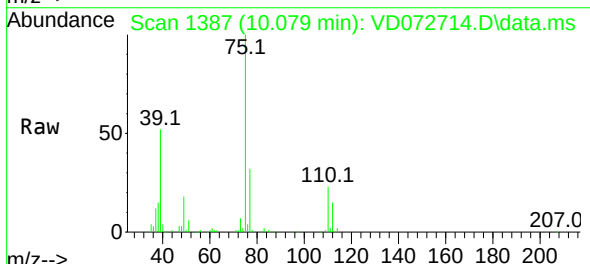
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

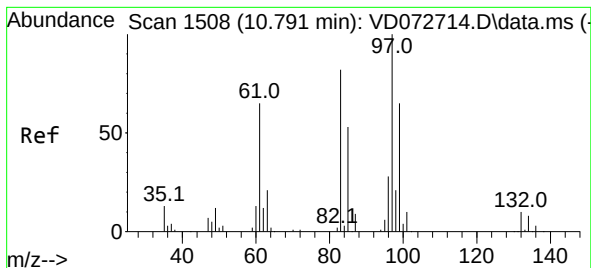
Tgt Ion: 75 Resp: 308733
 Ion Ratio Lower Upper
 75 100
 77 34.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.254 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

Tgt Ion: 75 Resp: 361547
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2
 39 52.2 46.8 70.2



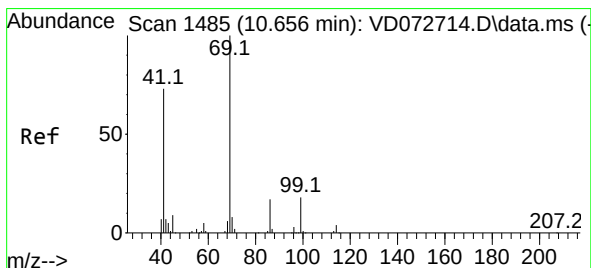
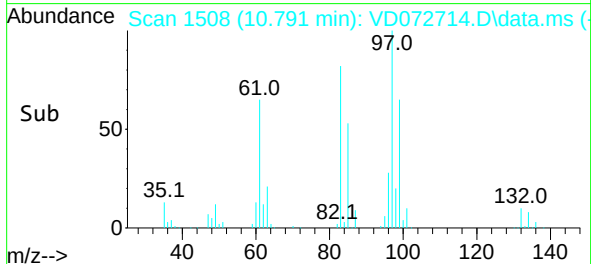
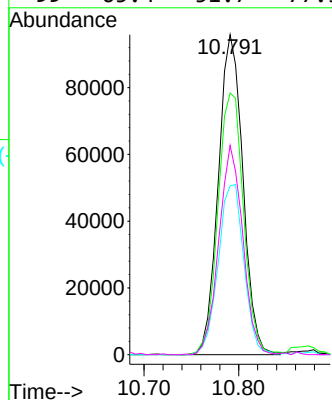
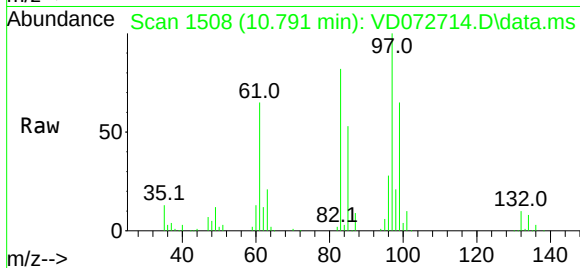


#55
 1,1,2-Trichloroethane
 Concen: 47.067 ug/l
 RT: 10.791 min Scan# 1508
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 172663

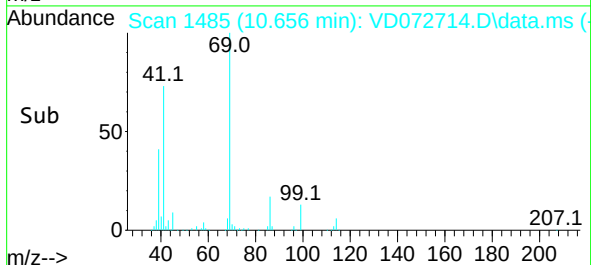
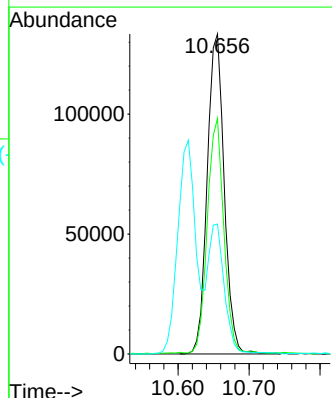
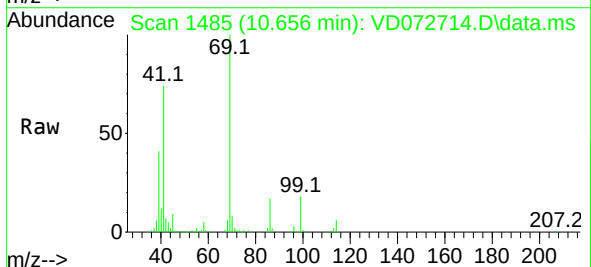
Ion	Ratio	Lower	Upper
97	100		
83	81.8	69.0	103.4
85	52.7	42.6	63.8
99	65.4	51.7	77.5

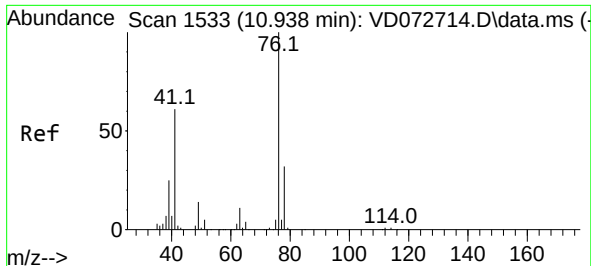


#56
 Ethyl methacrylate
 Concen: 53.344 ug/l
 RT: 10.656 min Scan# 1485
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

Tgt Ion: 69 Resp: 222207

Ion	Ratio	Lower	Upper
69	100		
41	72.6	63.0	94.6
39	35.9	33.8	50.8





#57

1,3-Dichloropropane

Concen: 49.586 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

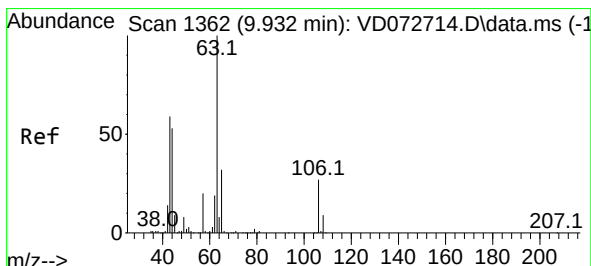
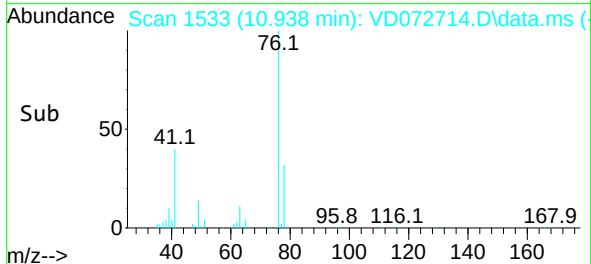
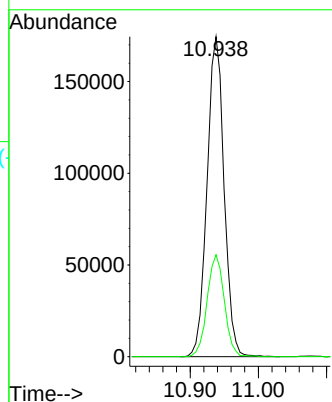
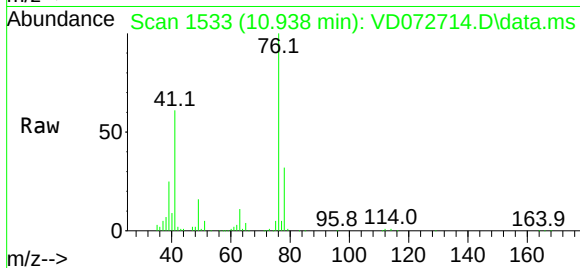
VSTDICCC050

Tgt Ion: 76 Resp: 303579

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 301.767 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD072714.D

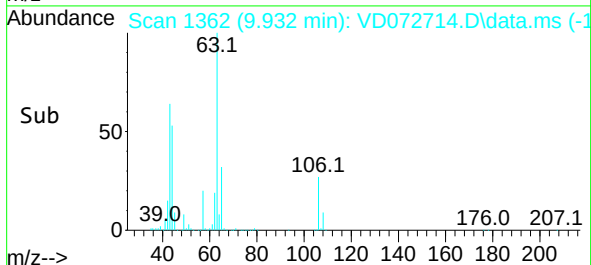
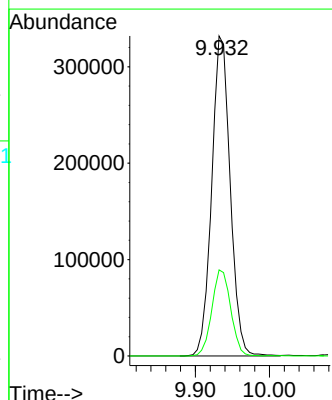
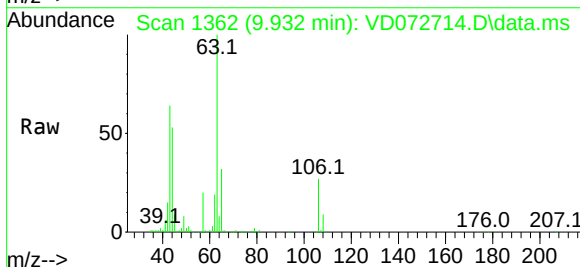
Acq: 27 Apr 2022 13:28

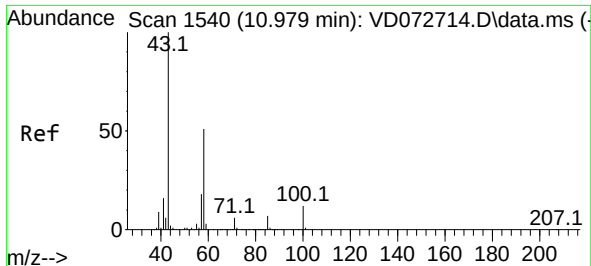
Tgt Ion: 63 Resp: 575067

Ion Ratio Lower Upper

63 100

106 27.4 21.4 32.0

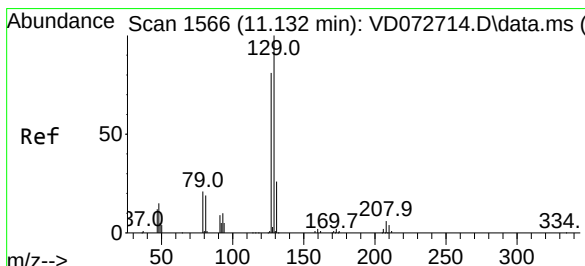
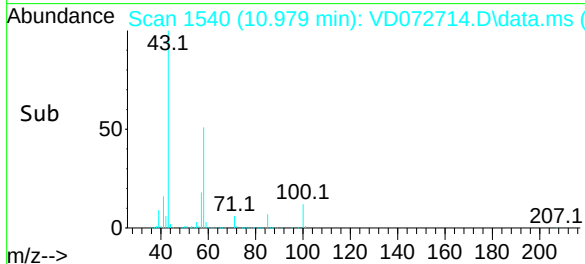
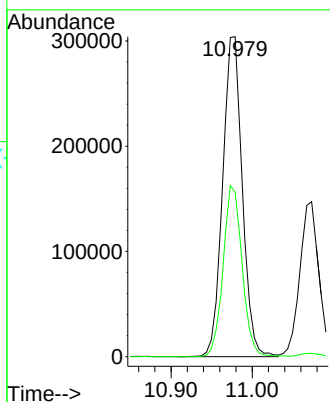
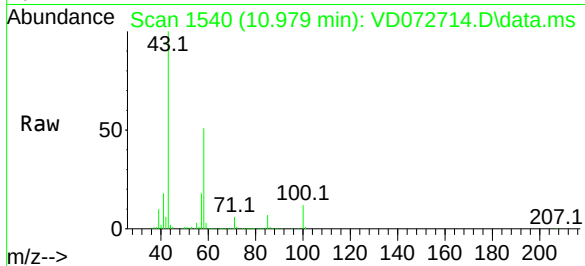




#59
2-Hexanone
Concen: 282.774 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

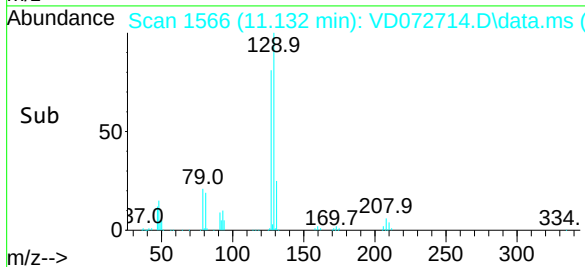
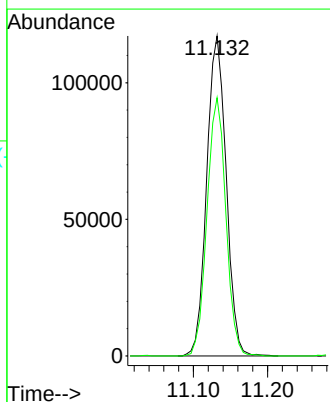
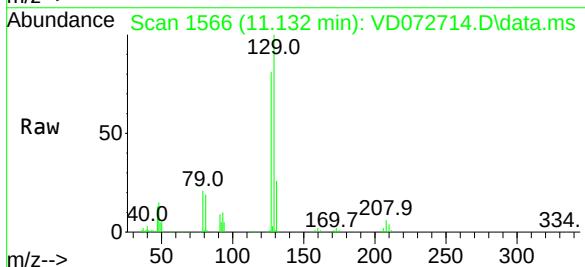
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

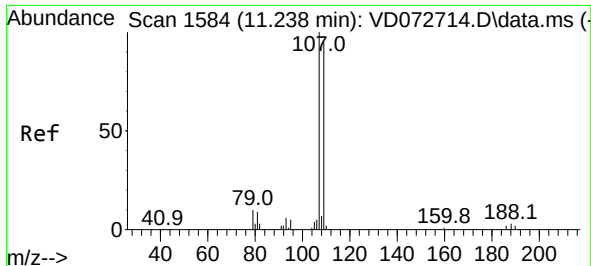
Tgt Ion: 43 Resp: 512190
Ion Ratio Lower Upper
43 100
58 51.6 25.3 75.9



#60
Dibromochloromethane
Concen: 45.384 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 129 Resp: 213703
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6

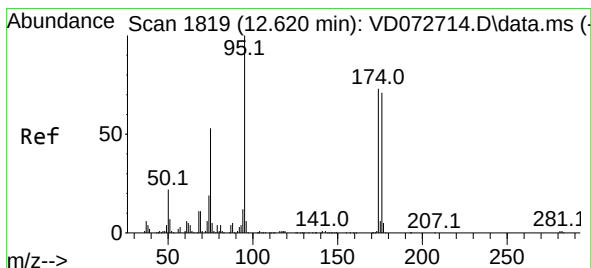
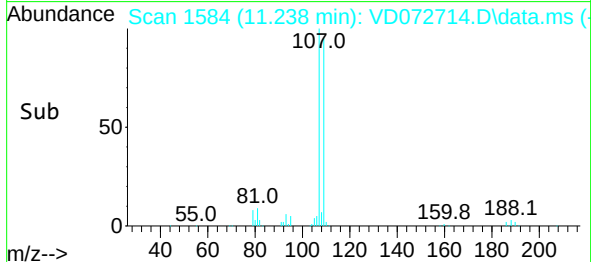
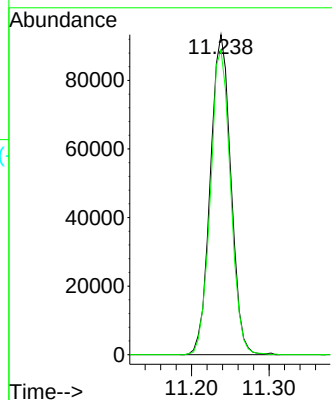
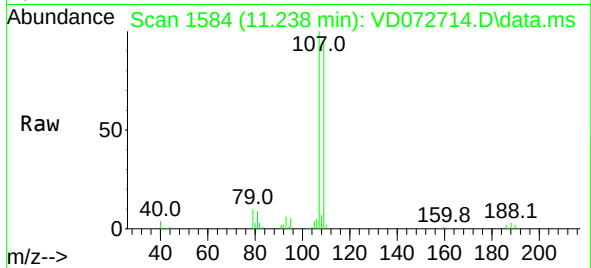




#61
1,2-Dibromoethane
Concen: 51.947 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

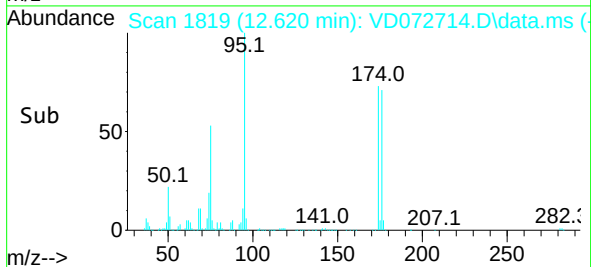
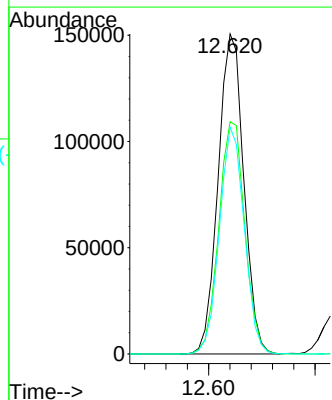
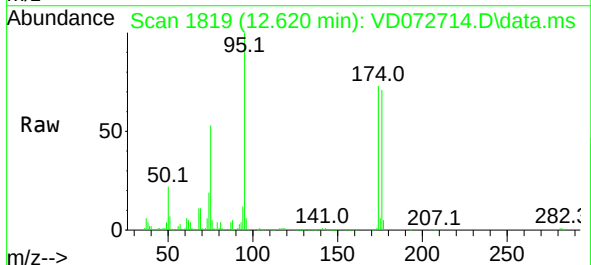
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

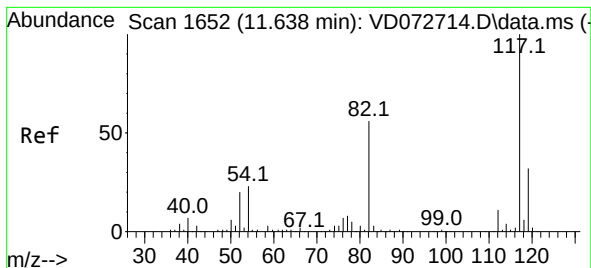
Tgt Ion:107 Resp: 171746
Ion Ratio Lower Upper
107 100
109 93.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 39.336 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 95 Resp: 251170
Ion Ratio Lower Upper
95 100
174 73.8 0.0 152.8
176 68.8 0.0 145.4

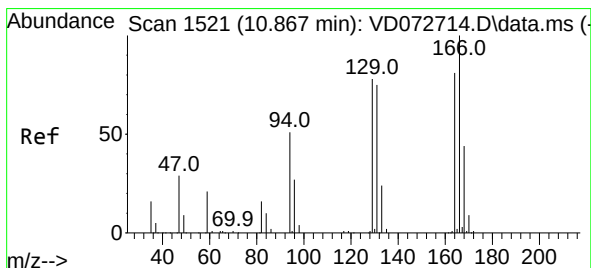
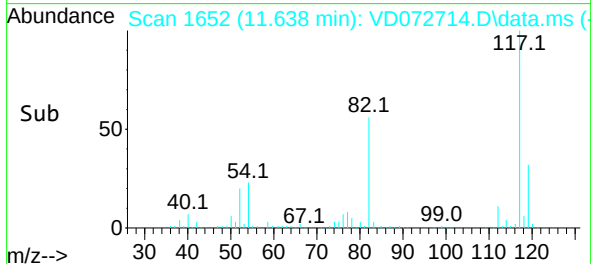
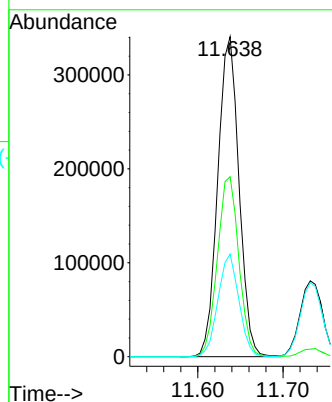
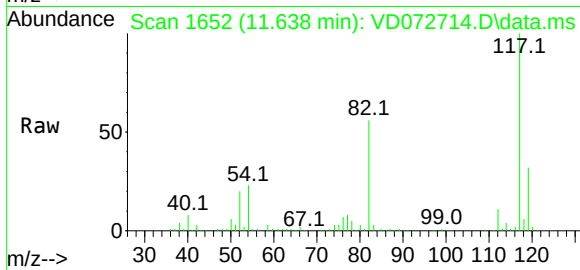




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

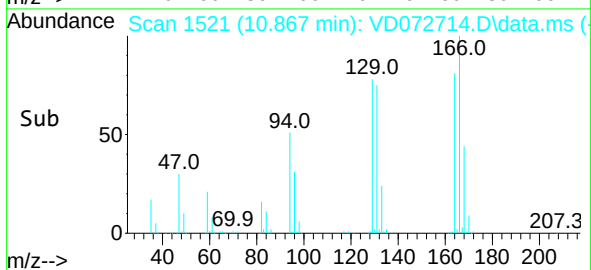
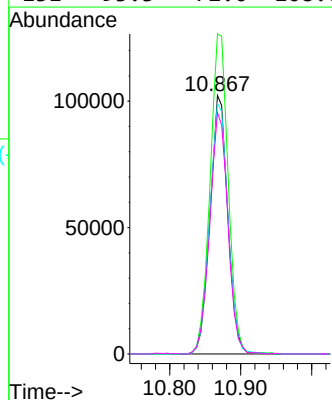
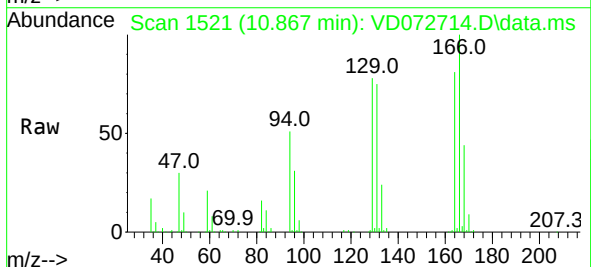
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

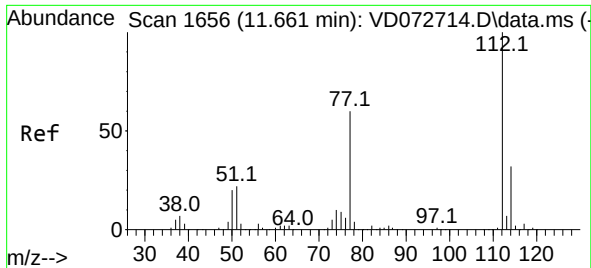
Tgt Ion:117 Resp: 590055
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 32.1 26.6 40.0



#64
Tetrachloroethene
Concen: 47.889 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion:164 Resp: 178320
Ion Ratio Lower Upper
164 100
166 123.8 98.5 147.7
129 97.0 74.6 111.8
131 93.3 72.0 108.0

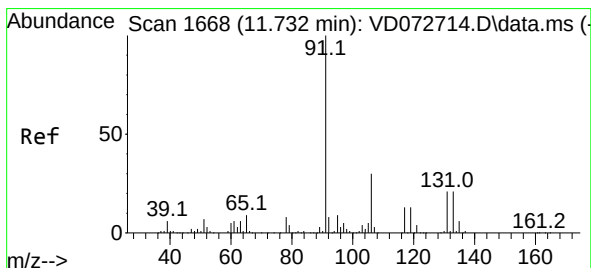
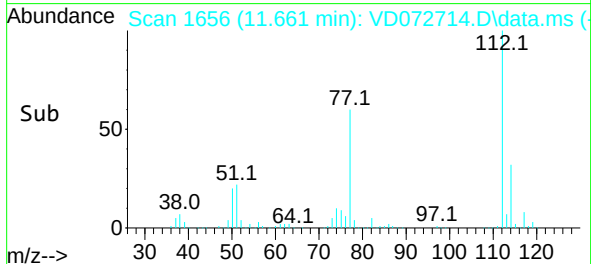
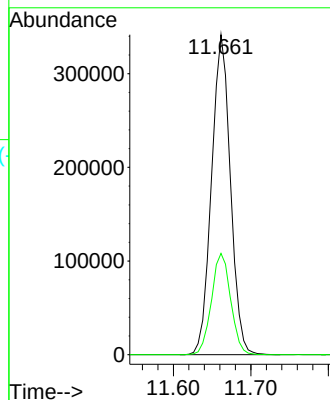
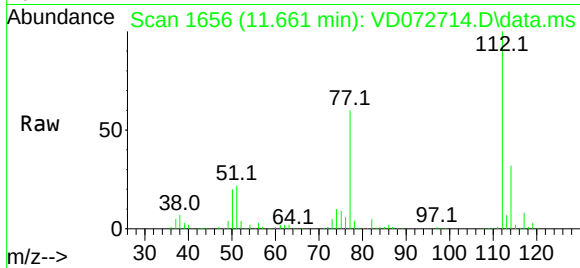




#65
Chlorobenzene
Concen: 45.469 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

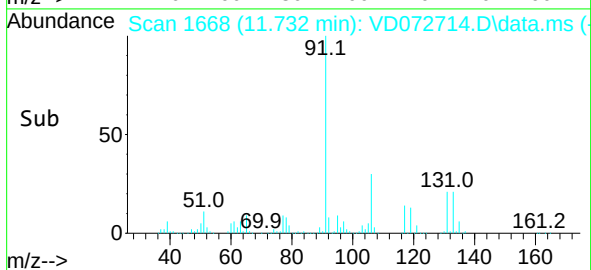
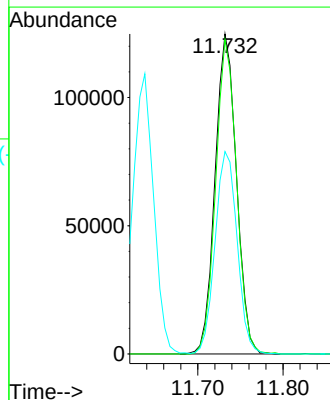
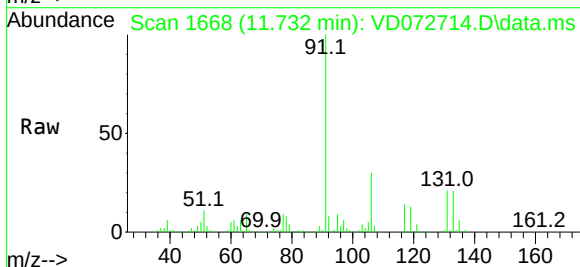
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

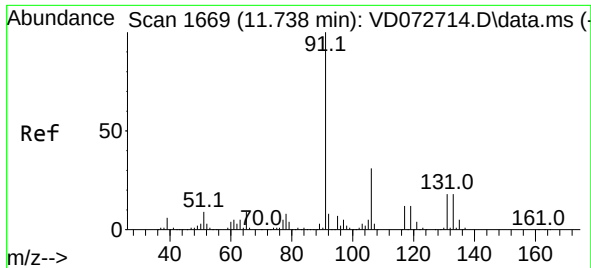
Tgt Ion:112 Resp: 577315
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 43.106 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion:131 Resp: 217839
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 65.3 31.9 95.9

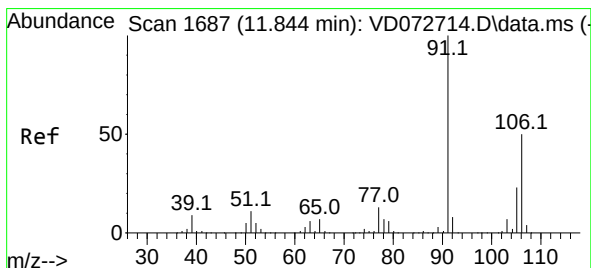
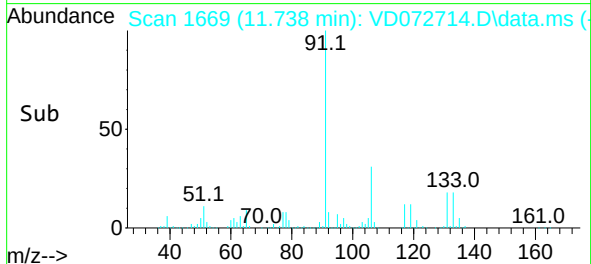
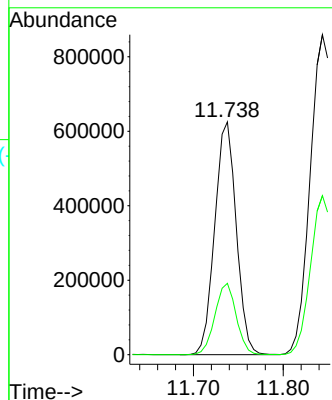
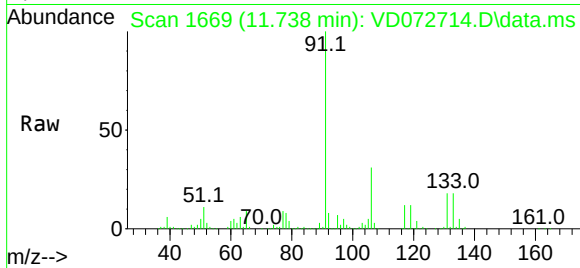




#67
Ethyl Benzene
Concen: 47.043 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

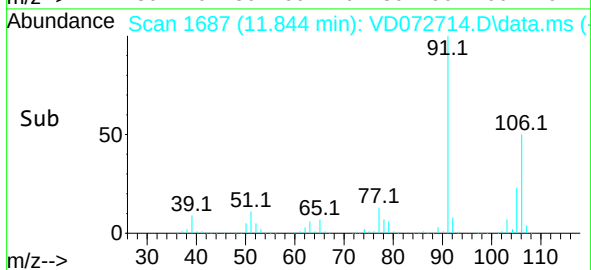
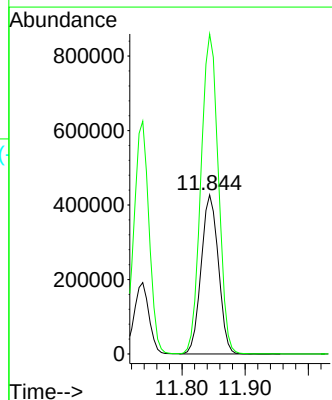
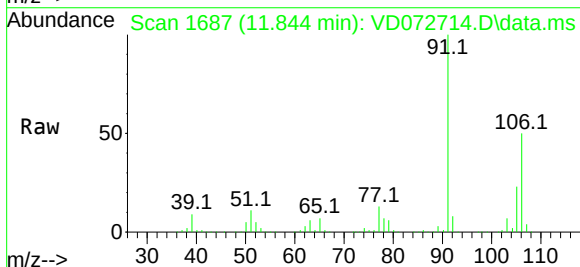
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

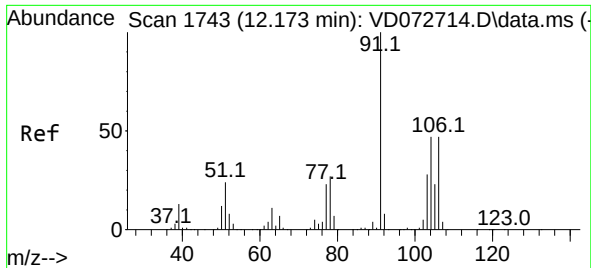
Tgt Ion: 91 Resp: 1040201
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.4



#68
m/p-Xylenes
Concen: 95.927 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion:106 Resp: 806533
Ion Ratio Lower Upper
106 100
91 203.9 163.7 245.5

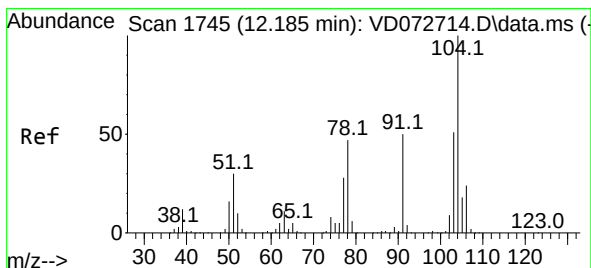
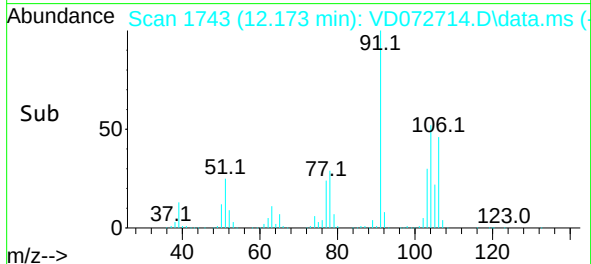
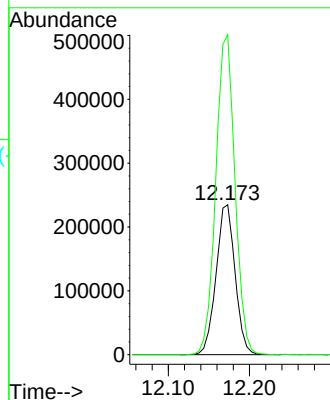
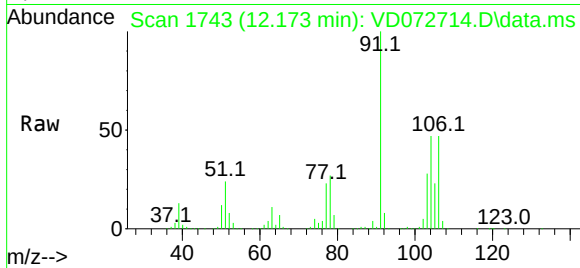




#69
o-Xylene
Concen: 47.105 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

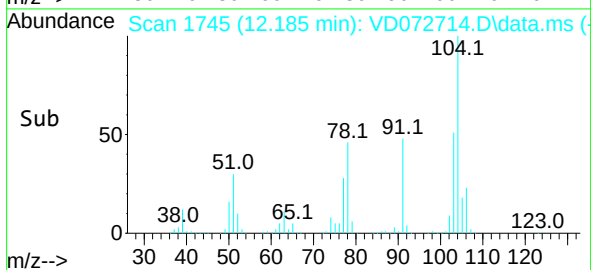
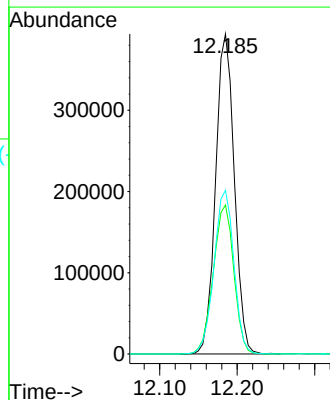
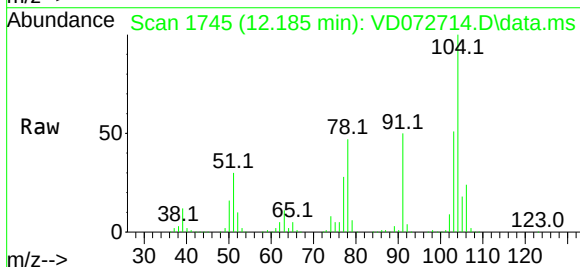
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

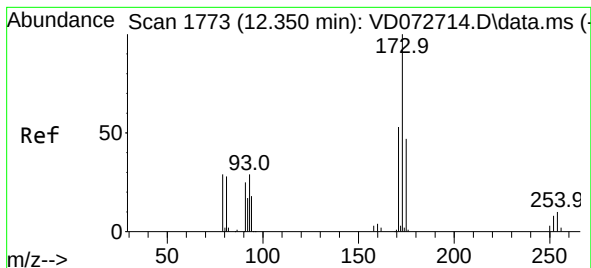
Tgt Ion:106 Resp: 382333
Ion Ratio Lower Upper
106 100
91 215.5 110.4 331.2



#70
Styrene
Concen: 46.386 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion:104 Resp: 660753
Ion Ratio Lower Upper
104 100
78 51.2 41.8 62.8
103 54.5 44.2 66.4





#71

Bromoform

Concen: 43.926 ug/l

RT: 12.350 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

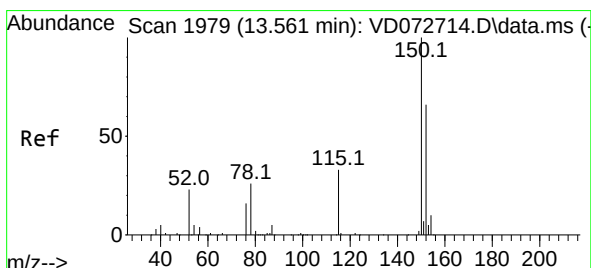
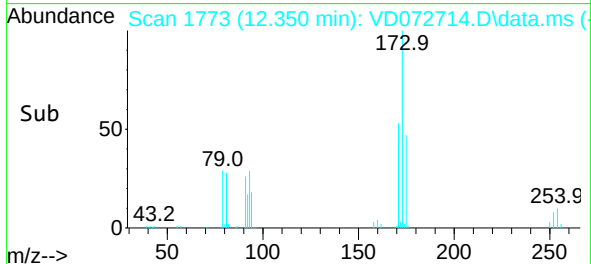
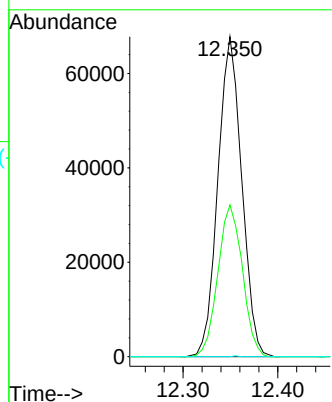
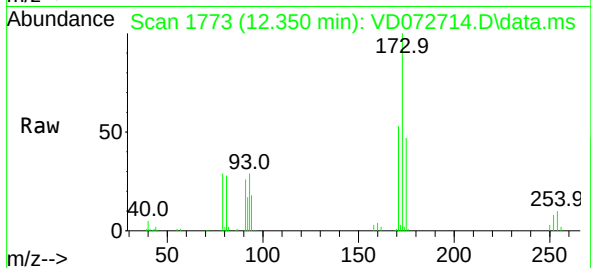
Tgt Ion:173 Resp: 118567

Ion Ratio Lower Upper

173 100

175 48.7 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: VD072714.D

Acq: 27 Apr 2022 13:28

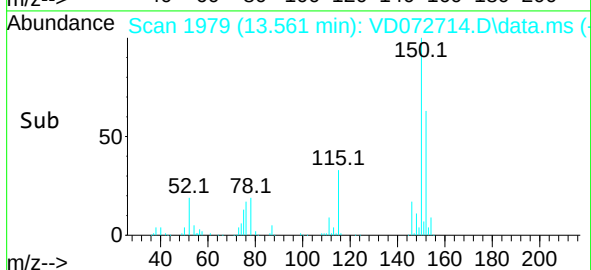
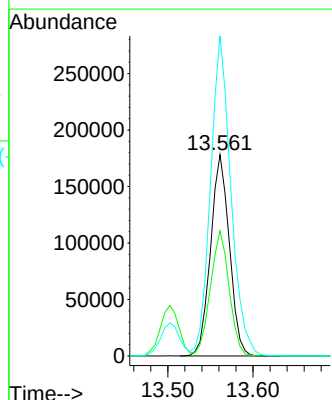
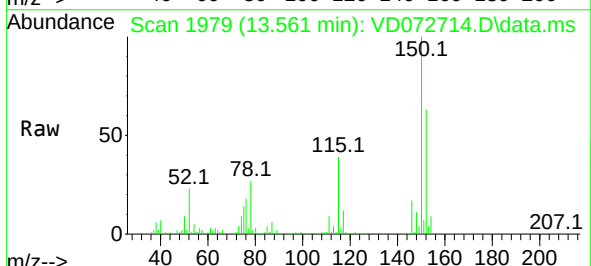
Tgt Ion:152 Resp: 272900

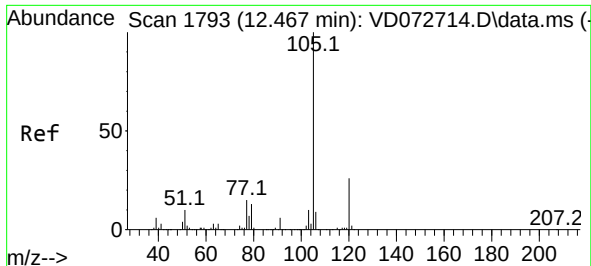
Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

150 172.4 0.0 348.6

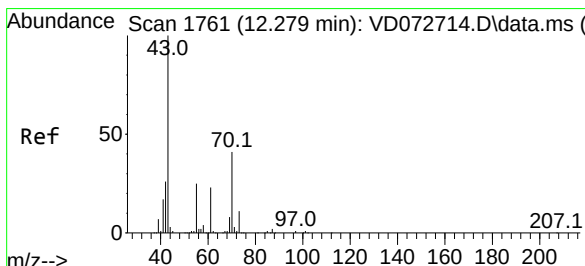
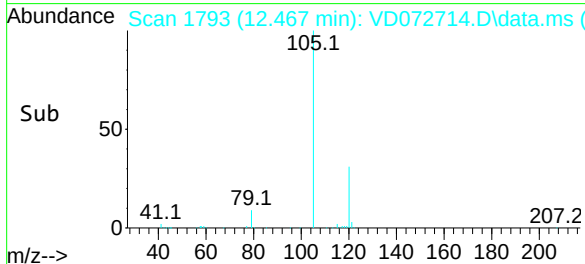
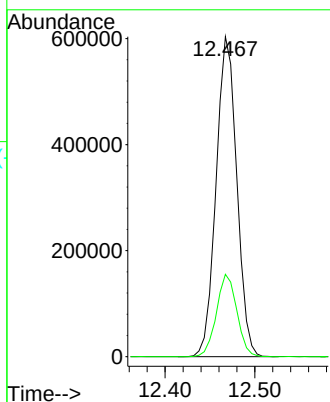
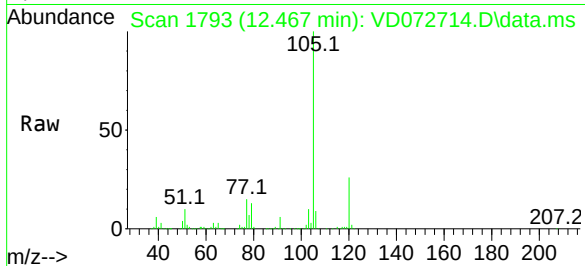




#73
Isopropylbenzene
Concen: 45.714 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

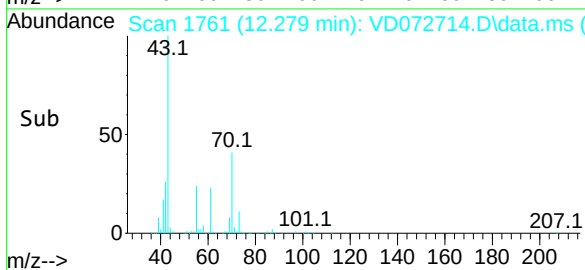
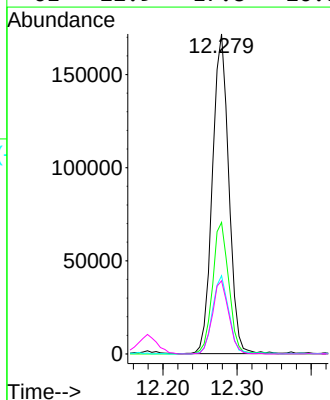
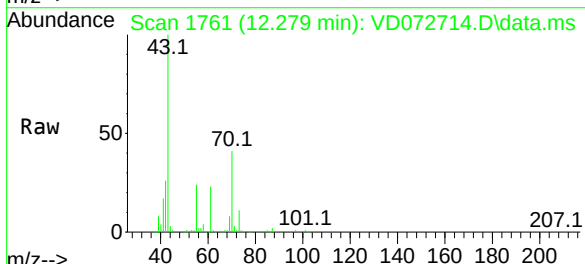
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

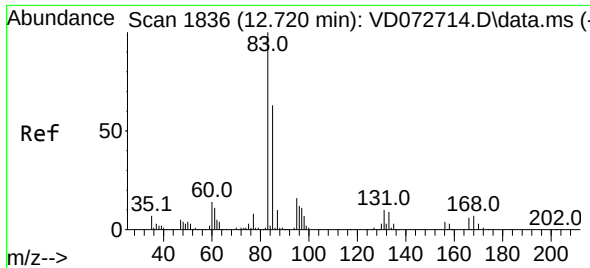
Tgt Ion:105 Resp: 964983
Ion Ratio Lower Upper
105 100
120 25.4 13.0 38.9



#74
N-ethyl acetate
Concen: 56.568 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 43 Resp: 263287
Ion Ratio Lower Upper
43 100
70 41.0 31.3 46.9
55 24.6 20.0 30.0
61 22.9 17.8 26.8

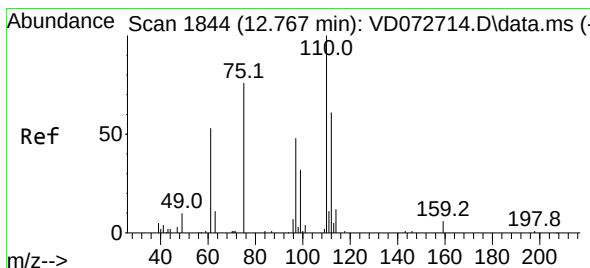
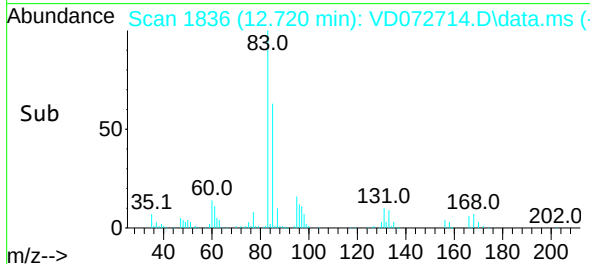
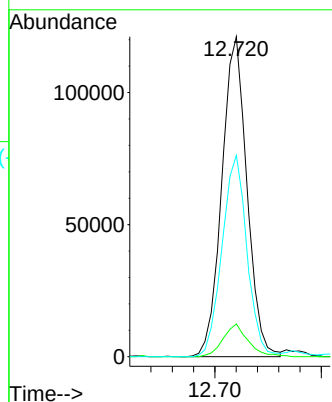
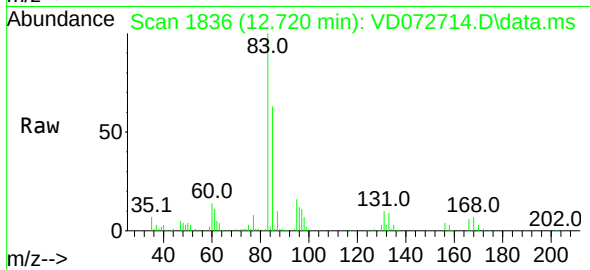




#75
1,1,2-Tetrachloroethane
Concen: 48.026 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

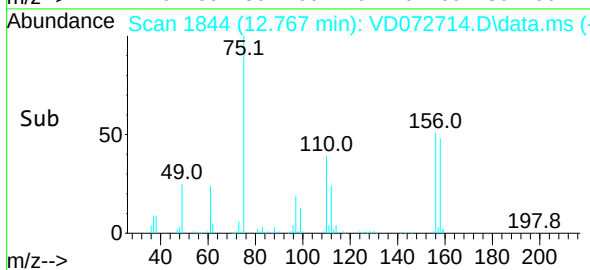
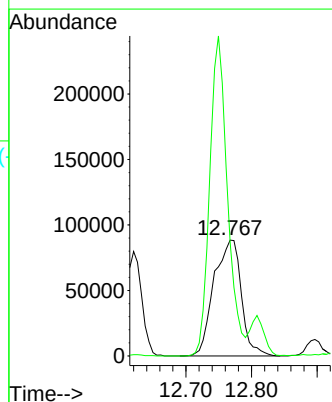
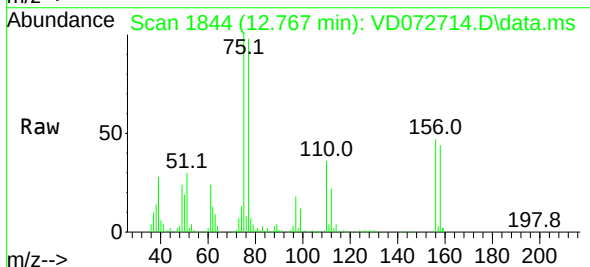
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

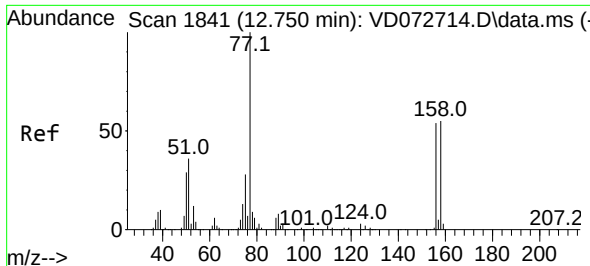
Tgt Ion: 83 Resp: 198292
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 62.4 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 85.973 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 75 Resp: 256375
Ion Ratio Lower Upper
75 100
77 179.8 0.0 0.0#

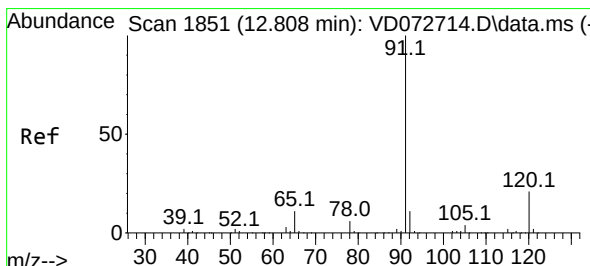
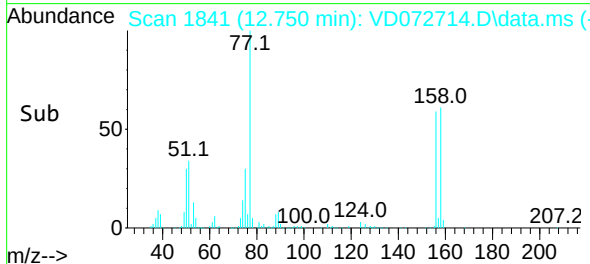
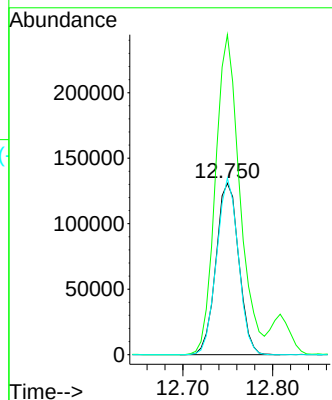
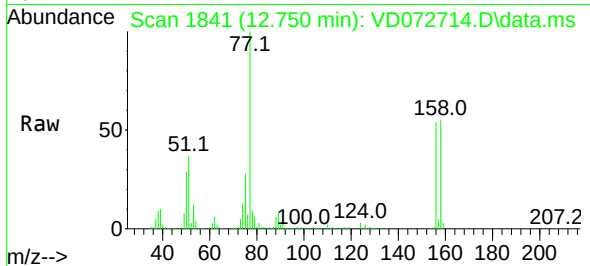




#77
Bromobenzene
Concen: 48.107 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

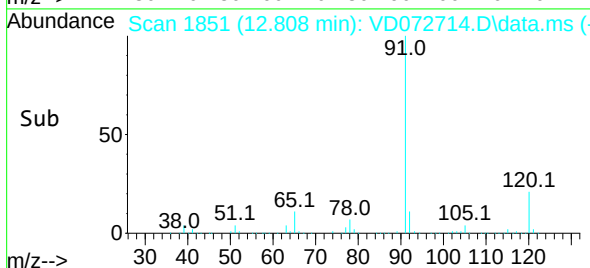
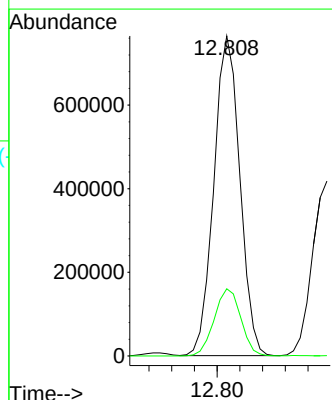
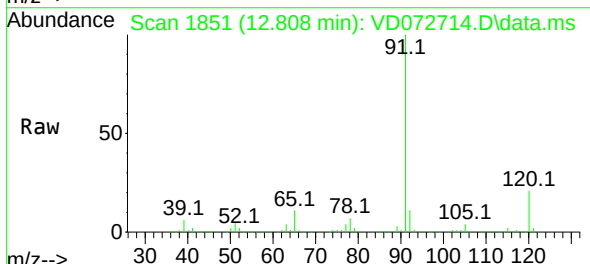
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

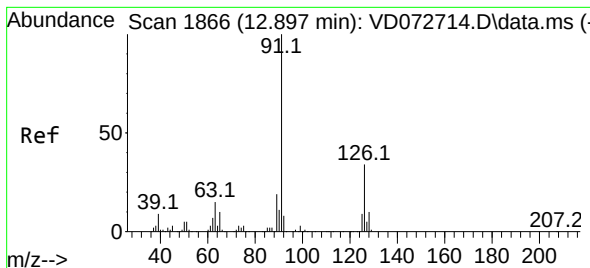
Tgt Ion:156 Resp: 231262
Ion Ratio Lower Upper
156 100
77 199.3 102.8 308.3
158 98.0 48.7 146.1



#78
n-propylbenzene
Concen: 47.399 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 91 Resp: 1214682
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 46.583 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

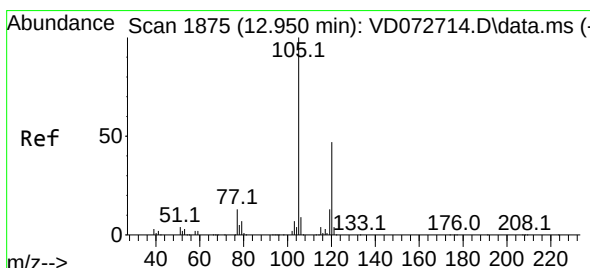
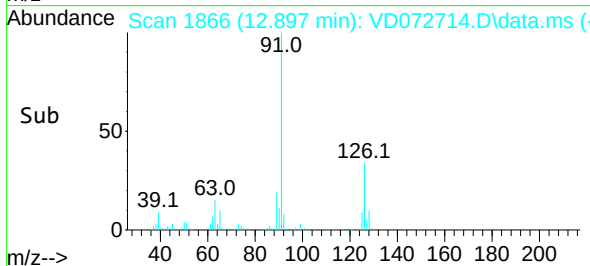
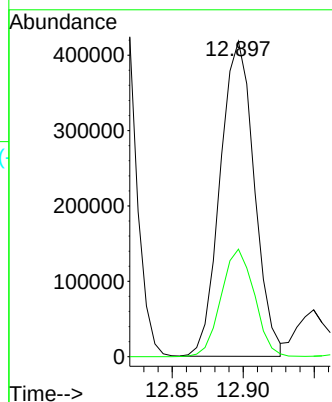
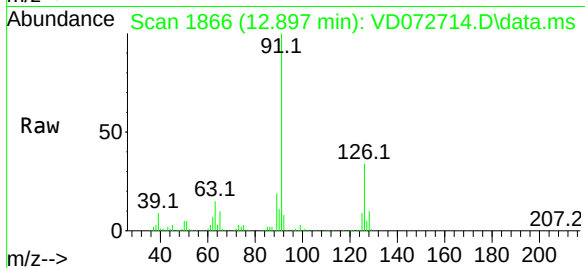
VSTDICCC050

Tgt Ion: 91 Resp: 699227

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 45.418 ug/l

RT: 12.950 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072714.D

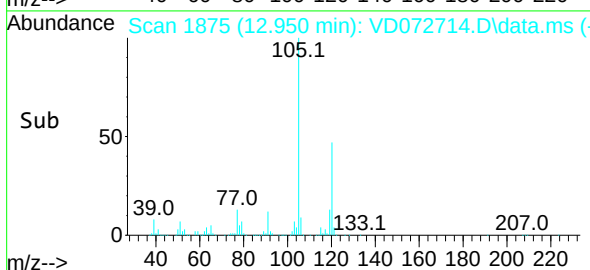
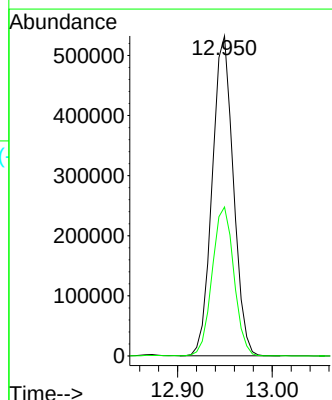
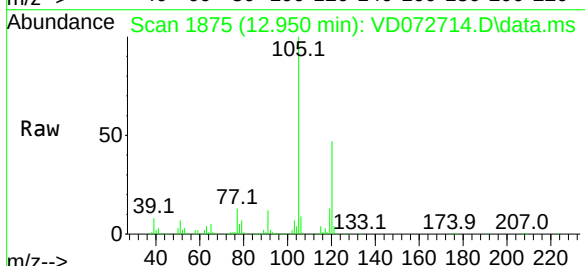
Acq: 27 Apr 2022 13:28

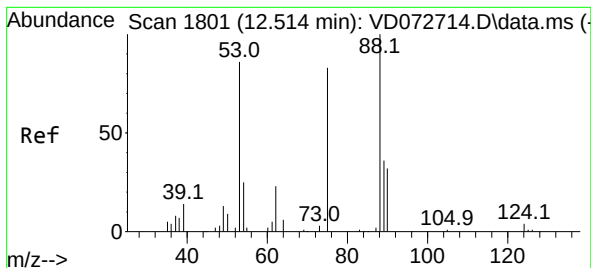
Tgt Ion:105 Resp: 824644

Ion Ratio Lower Upper

105 100

120 48.1 24.3 72.8

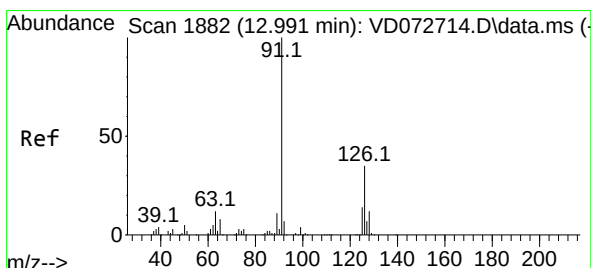
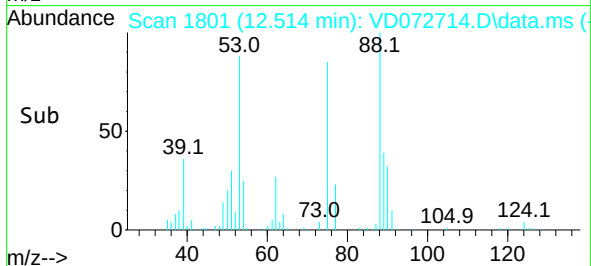
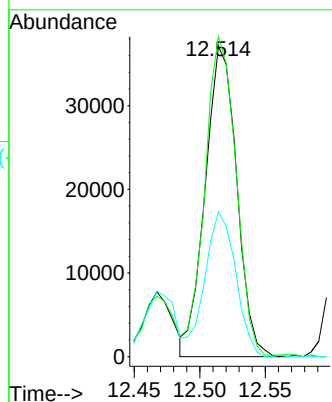
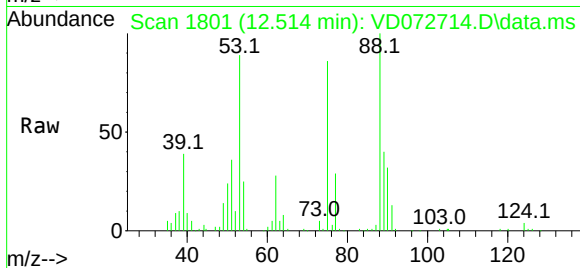




#81
trans-1,4-Dichloro-2-butene
Concen: 51.715 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

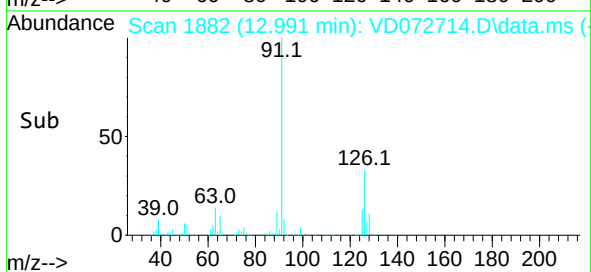
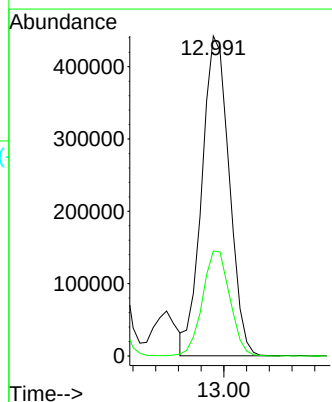
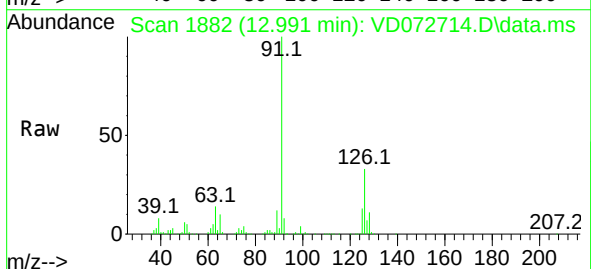
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

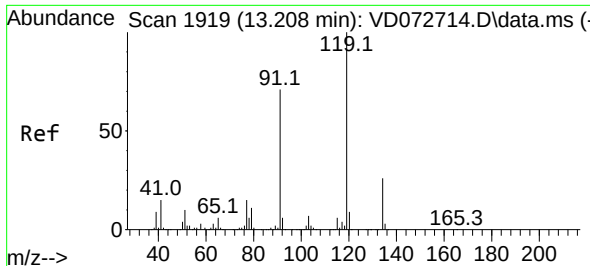
Tgt Ion: 75 Resp: 62087
Ion Ratio Lower Upper
75 100
53 100.9 86.5 129.7
89 44.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 46.960 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 91 Resp: 738324
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

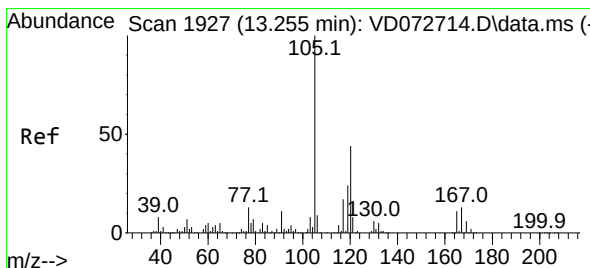
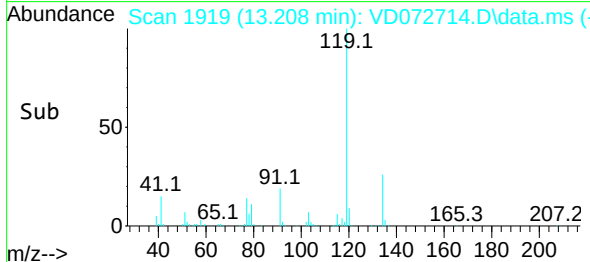
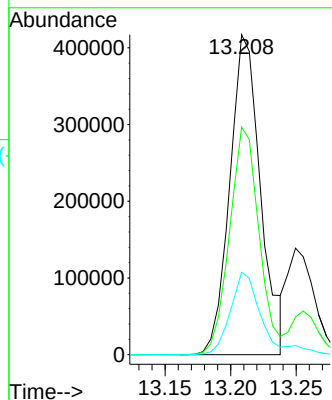
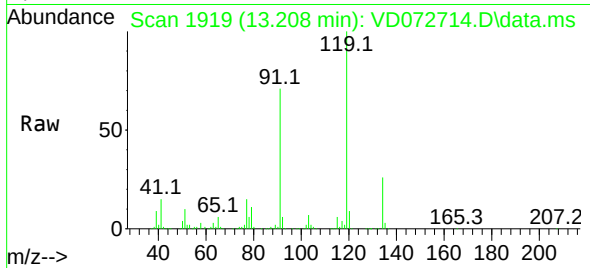




#83
 tert-Butylbenzene
 Concen: 43.691 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

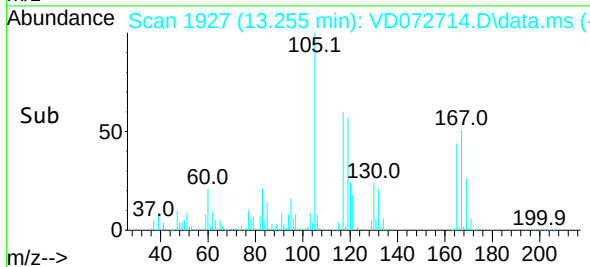
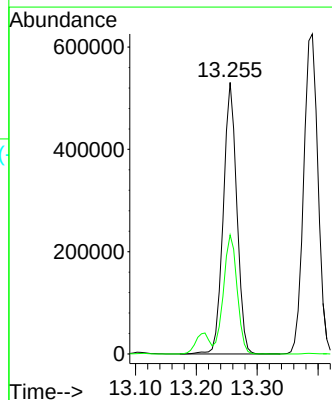
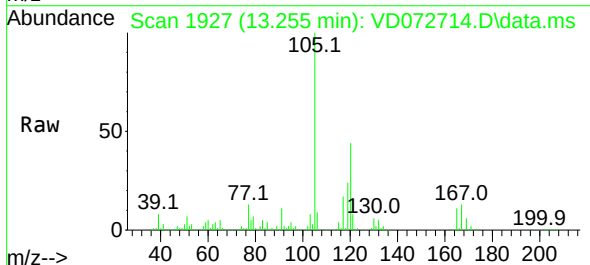
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

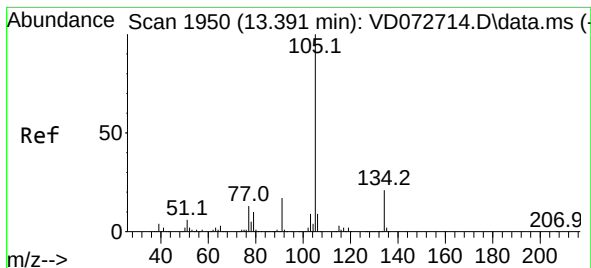
Tgt Ion:119 Resp: 682298
 Ion Ratio Lower Upper
 119 100
 91 68.1 34.8 104.5
 134 26.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 45.977 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

Tgt Ion:105 Resp: 819755
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.3 66.8

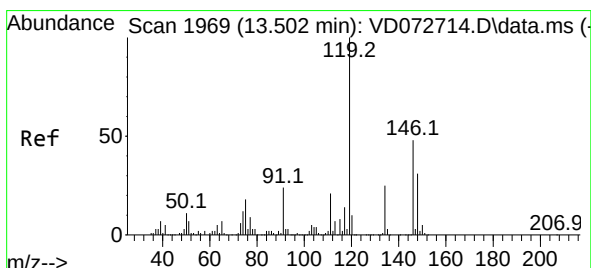
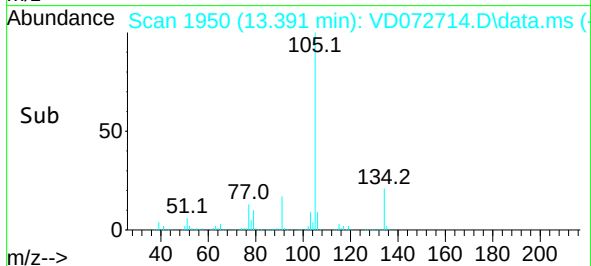
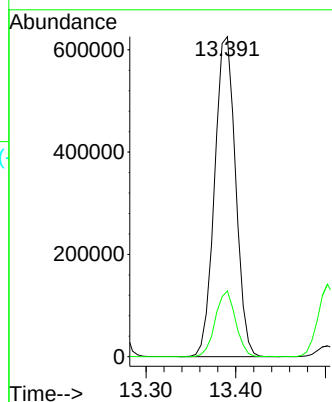
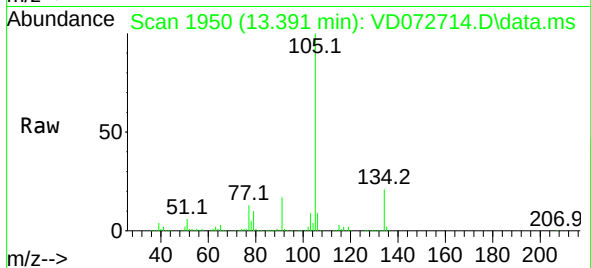




#85
 sec-Butylbenzene
 Concen: 43.389 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

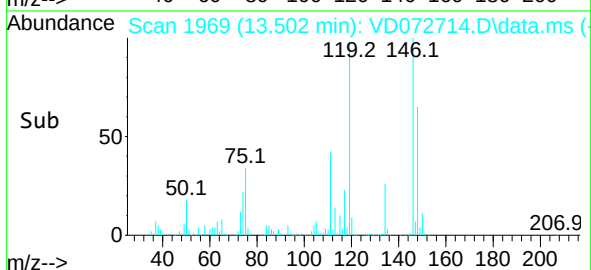
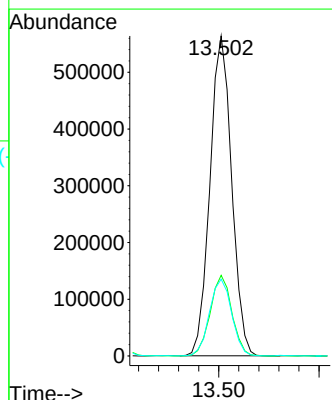
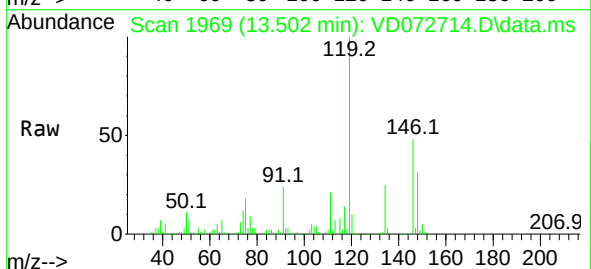
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

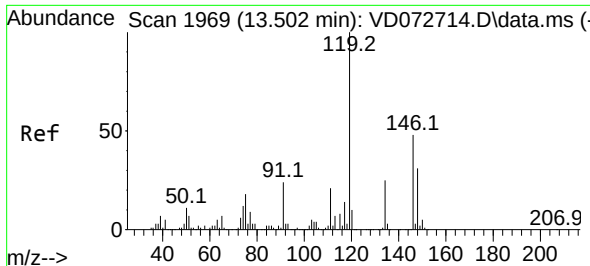
Tgt Ion:105 Resp: 1016554
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 44.111 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

Tgt Ion:119 Resp: 847863
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 24.5 12.1 36.3

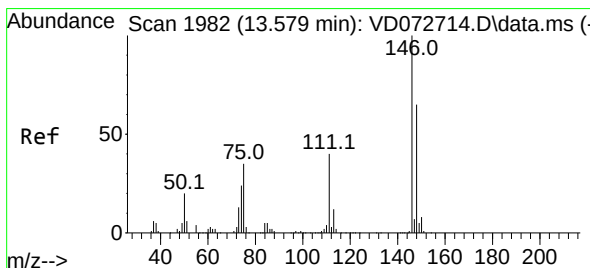
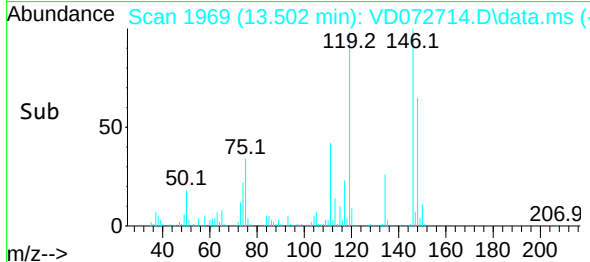
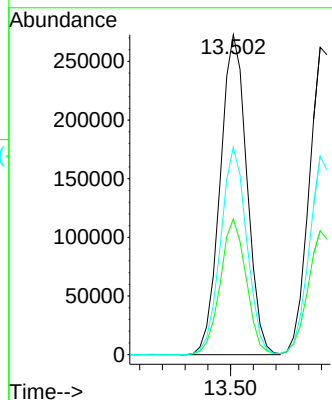
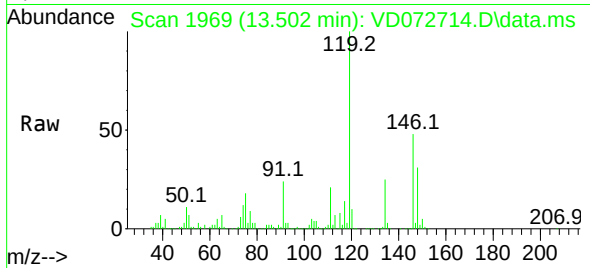




#87
 1,3-Dichlorobenzene
 Concen: 44.898 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

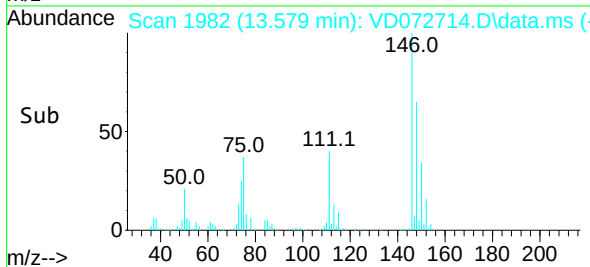
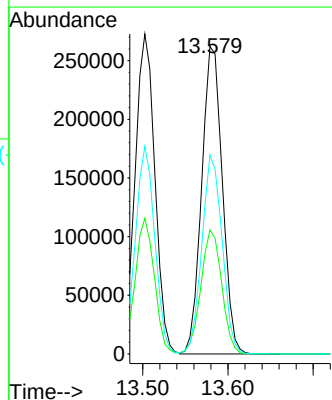
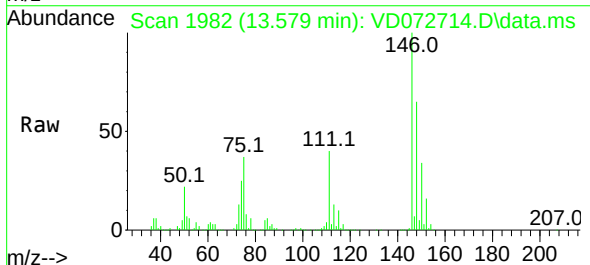
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

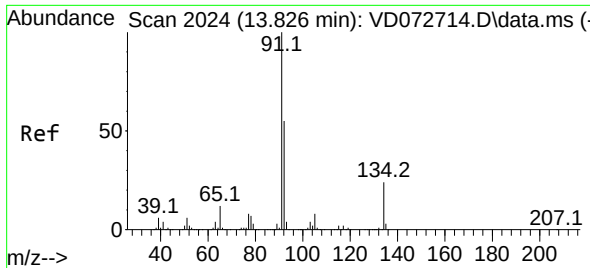
Tgt Ion:146 Resp: 444991
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.4 61.3
 148 63.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 44.275 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD072714.D
 Acq: 27 Apr 2022 13:28

Tgt Ion:146 Resp: 442127
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.3 60.9
 148 63.6 31.7 95.1

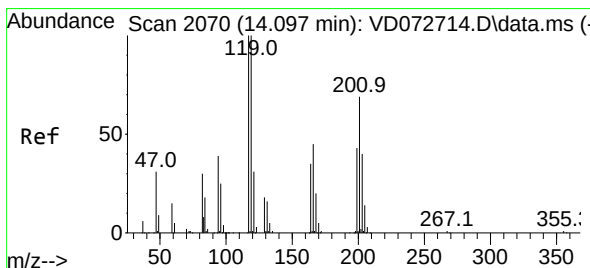
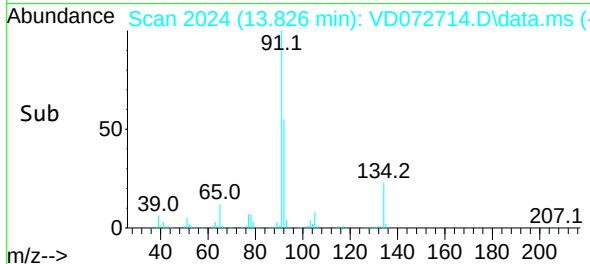
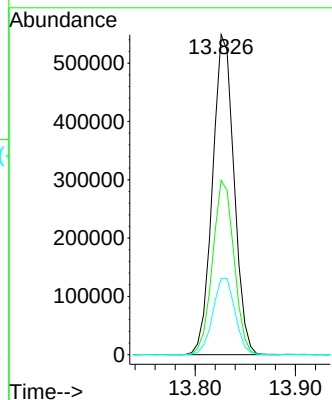
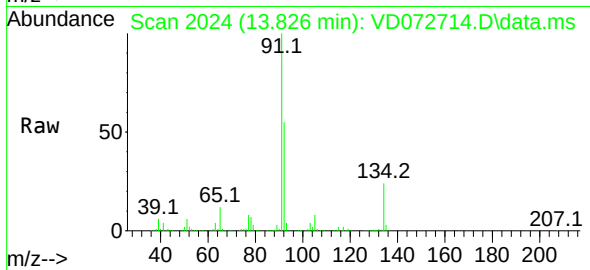




#89
n-Butylbenzene
Concen: 44.608 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

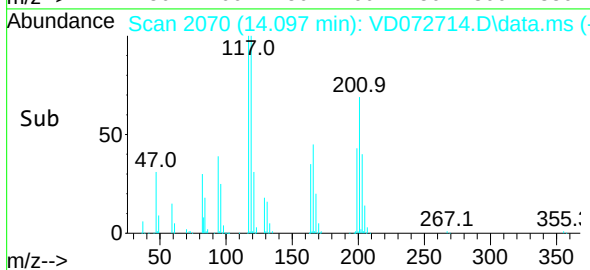
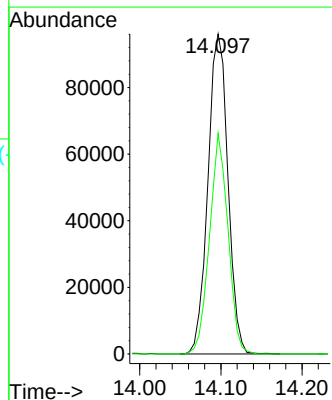
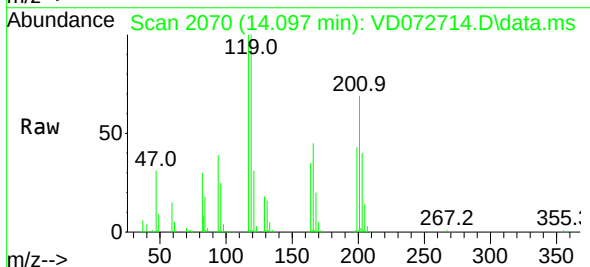
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

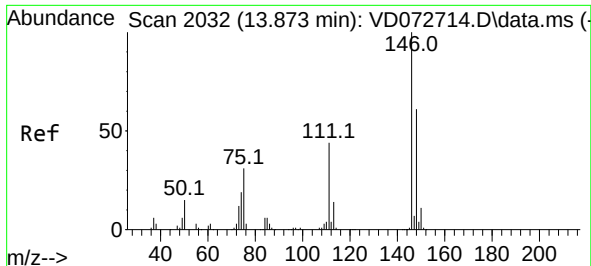
Tgt Ion: 91 Resp: 817642
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 41.631 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 117 Resp: 164357
Ion Ratio Lower Upper
117 100
201 63.7 33.4 100.2

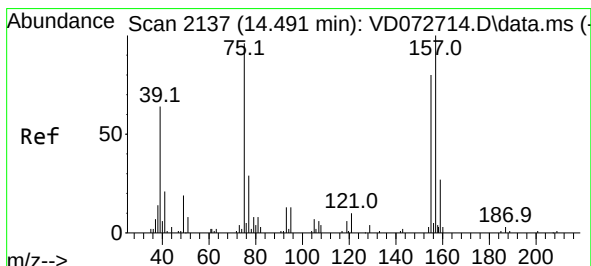
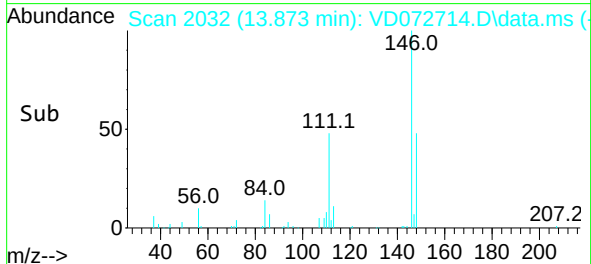
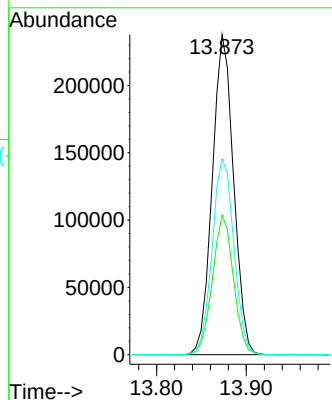
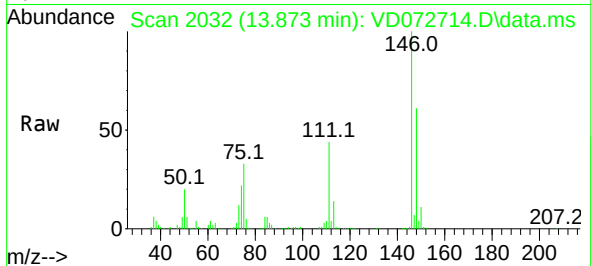




#91
1,2-Dichlorobenzene
Concen: 44.849 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

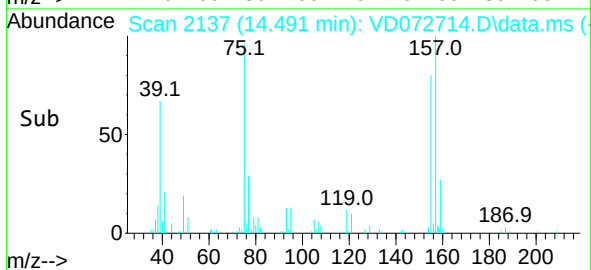
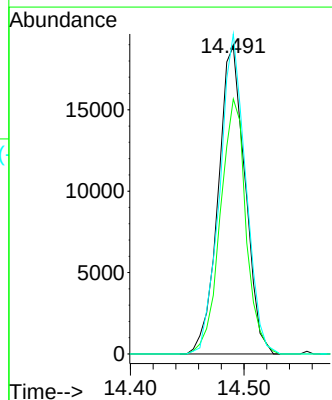
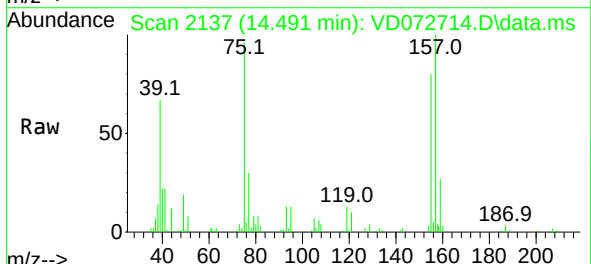
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

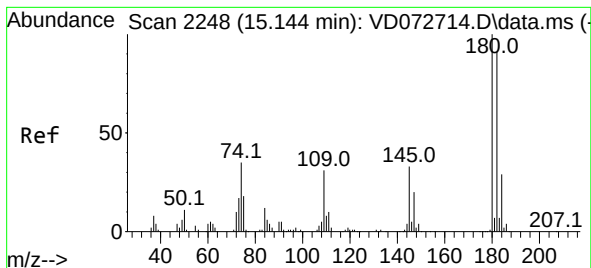
Tgt Ion:146 Resp: 391175
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.3
148 62.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.569 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072714.D
Acq: 27 Apr 2022 13:28

Tgt Ion: 75 Resp: 31088
Ion Ratio Lower Upper
75 100
155 78.8 36.8 110.3
157 100.3 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 43.538 ug/l

RT: 15.144 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

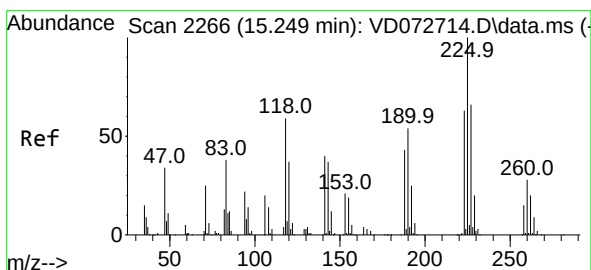
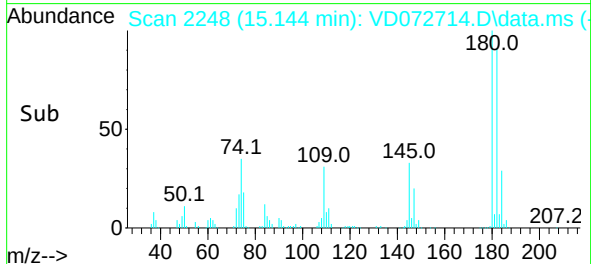
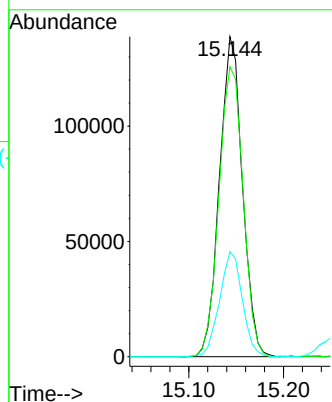
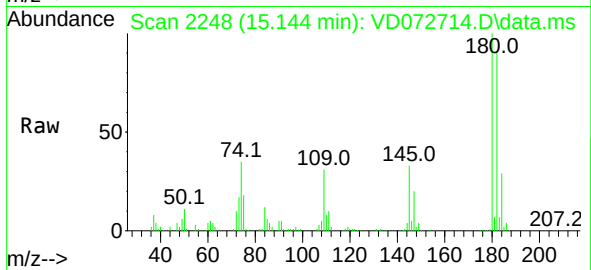
Tgt Ion:180 Resp: 233666

Ion Ratio Lower Upper

180 100

182 95.4 47.3 142.0

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 39.353 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

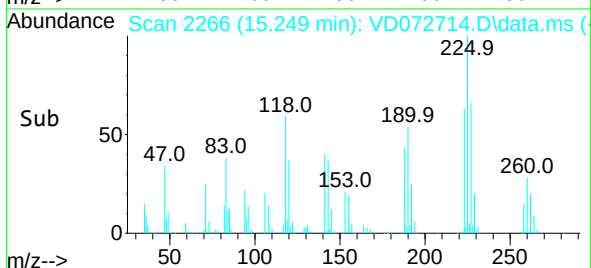
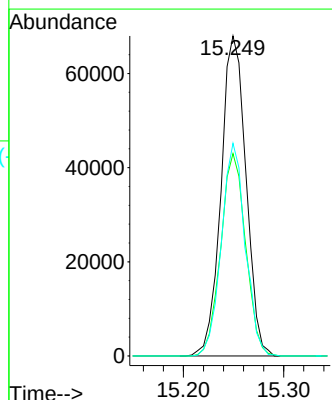
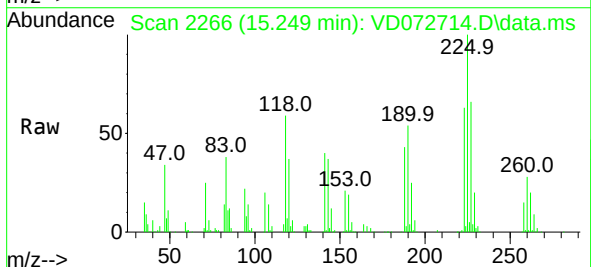
Tgt Ion:225 Resp: 117128

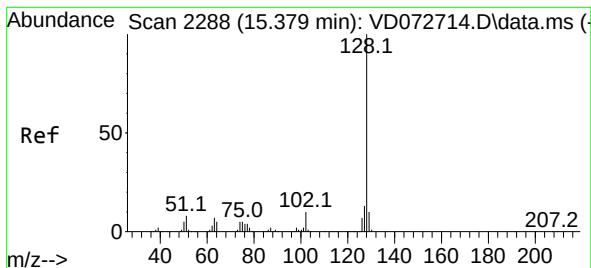
Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.2

227 63.5 32.4 97.0





#95

Naphthalene

Concen: 43.884 ug/l

RT: 15.379 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

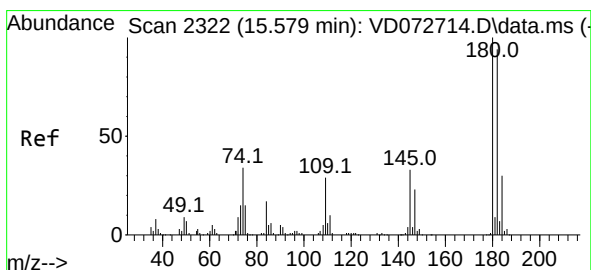
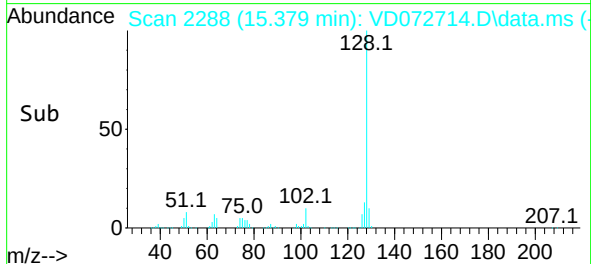
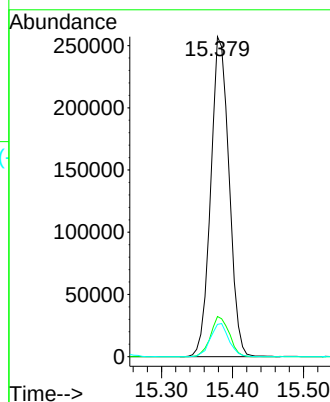
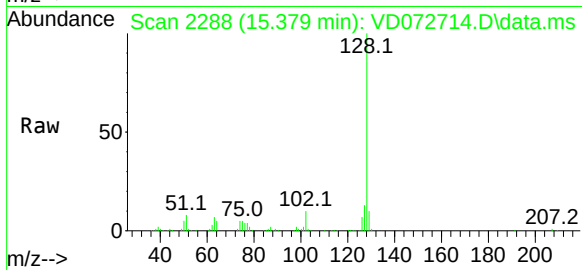
Tgt Ion:128 Resp: 460366

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.4 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 43.619 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD072714.D

Acq: 27 Apr 2022 13:28

Tgt Ion:180 Resp: 204727

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 34.1 17.1 51.3

