

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022822\
 Data File : VD072113.D
 Acq On : 28 Feb 2022 09:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 28 16:26:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	534947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	849971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	768125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	370347	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	273786	49.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.680%
35) Dibromofluoromethane	7.909	113	275912	53.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.160%
50) Toluene-d8	10.338	98	1058280	55.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.840%
62) 4-Bromofluorobenzene	12.626	95	374144	53.335	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.680%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	231108	45.821	ug/l	100
3) Chloromethane	2.209	50	241556	52.888	ug/l	96
4) Vinyl Chloride	2.350	62	238616	52.405	ug/l	93
5) Bromomethane	2.773	94	149315	52.506	ug/l	94
6) Chloroethane	2.926	64	151471	52.631	ug/l	98
7) Trichlorofluoromethane	3.279	101	446148	50.646	ug/l	96
8) Diethyl Ether	3.715	74	125070	49.804	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	276781	50.289	ug/l	100
10) Methyl Iodide	4.297	142	259328	43.138	ug/l	100
11) Tert butyl alcohol	5.220	59	72256	228.220	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	246278	50.378	ug/l	98
13) Acrolein	3.920	56	103401	165.621	ug/l	98
14) Allyl chloride	4.715	41	432601	50.494	ug/l	98
15) Acrylonitrile	5.420	53	311857	229.769	ug/l	99
16) Acetone	4.156	43	269180	224.460	ug/l	99
17) Carbon Disulfide	4.409	76	652869	48.006	ug/l	99
18) Methyl Acetate	4.715	43	130712	42.727	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	607919	51.118	ug/l	98
20) Methylene Chloride	4.967	84	281263	47.125	ug/l	98
21) trans-1,2-Dichloroethene	5.479	96	279733	50.926	ug/l	97
22) Diisopropyl ether	6.362	45	915398	51.168	ug/l	98
23) Vinyl Acetate	6.303	43	2530166	264.836	ug/l	100
24) 1,1-Dichloroethane	6.262	63	541678	50.895	ug/l	98
25) 2-Butanone	7.209	43	381900	230.409	ug/l	97
26) 2,2-Dichloropropane	7.203	77	460980	54.127	ug/l	100
27) cis-1,2-Dichloroethene	7.209	96	327949	52.110	ug/l	98
28) Bromochloromethane	7.550	49	217616	47.963	ug/l	98
29) Tetrahydrofuran	7.556	42	239075	226.009	ug/l	99
30) Chloroform	7.709	83	546406	50.003	ug/l	100
31) Cyclohexane	7.985	56	477554	48.724	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	484459	51.518	ug/l	99
36) 1,1-Dichloropropene	8.108	75	409902	52.547	ug/l	100
37) Ethyl Acetate	7.291	43	172473	47.680	ug/l	97
38) Carbon Tetrachloride	8.097	117	430902	53.894	ug/l	97
39) Methylcyclohexane	9.355	83	496029	54.330	ug/l	97
40) Benzene	8.350	78	1156480	52.539	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	100713	44.898	ug/l	98
42) 1,2-Dichloroethane	8.420	62	334087	50.598	ug/l	99
43) Isopropyl Acetate	8.450	43	325722	48.355	ug/l	98
44) Trichloroethene	9.108	130	312206	52.040	ug/l	98
45) 1,2-Dichloropropane	9.385	63	297779	50.716	ug/l	99
46) Dibromomethane	9.473	93	150895	48.698	ug/l	99
47) Bromodichloromethane	9.655	83	411158	51.439	ug/l	96
48) Methyl methacrylate	9.450	41	168534	49.529	ug/l	92
49) 1,4-Dioxane	9.455	88	36728	999.183	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	862463	241.592	ug/l	100
52) Toluene	10.397	92	752352	53.410	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	394063	53.907	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	469023	54.210	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	215340	49.384	ug/l	98
56) Ethyl methacrylate	10.655	69	274014	52.622	ug/l	96
57) 1,3-Dichloropropane	10.938	76	374102	49.638	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	592157	254.190	ug/l	100
59) 2-Hexanone	10.979	43	592778	243.441	ug/l	98
60) Dibromochloromethane	11.132	129	275724	50.635	ug/l	97
61) 1,2-Dibromoethane	11.238	107	201276	48.303	ug/l	99
64) Tetrachloroethene	10.873	164	265920	54.835	ug/l	99
65) Chlorobenzene	11.667	112	796237	53.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	291982	52.845	ug/l	99
67) Ethyl Benzene	11.738	91	1461368	55.826	ug/l	100
68) m/p-Xylenes	11.844	106	1122618	112.028	ug/l	99
69) o-Xylene	12.173	106	524496	55.640	ug/l	99
70) Styrene	12.185	104	903631	55.859	ug/l	100
71) Bromoform	12.349	173	157403	49.672	ug/l	98
73) Isopropylbenzene	12.473	105	1431427	56.293	ug/l	100
74) N-amyl acetate	12.279	43	312134	50.835	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.720	83	237345	47.210	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	306761	87.446	ug/l #	100
77) Bromobenzene	12.755	156	316604	53.169	ug/l	98
78) n-propylbenzene	12.814	91	1759082	56.282	ug/l	100
79) 2-Chlorotoluene	12.902	91	994313	54.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1196986	56.374	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	75960	54.224	ug/l	99
82) 4-Chlorotoluene	12.996	91	1017866	54.063	ug/l	99
83) tert-Butylbenzene	13.214	119	1043322	57.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1184259	56.737	ug/l	100
85) sec-Butylbenzene	13.391	105	1576027	56.712	ug/l	99
86) p-Isopropyltoluene	13.508	119	1307399	57.198	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	634817	52.738	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	627404	51.873	ug/l	99
89) n-Butylbenzene	13.832	91	1260578	57.998	ug/l	100
90) Hexachloroethane	14.096	117	244982	53.396	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	552778	52.367	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	39675	50.658	ug/l	99
93) 1,2,4-Trichlorobenzene	15.149	180	364069	56.149	ug/l	99
94) Hexachlorobutadiene	15.255	225	202858	56.896	ug/l	99
95) Naphthalene	15.385	128	645558	54.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	308885	55.230	ug/l	99

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QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

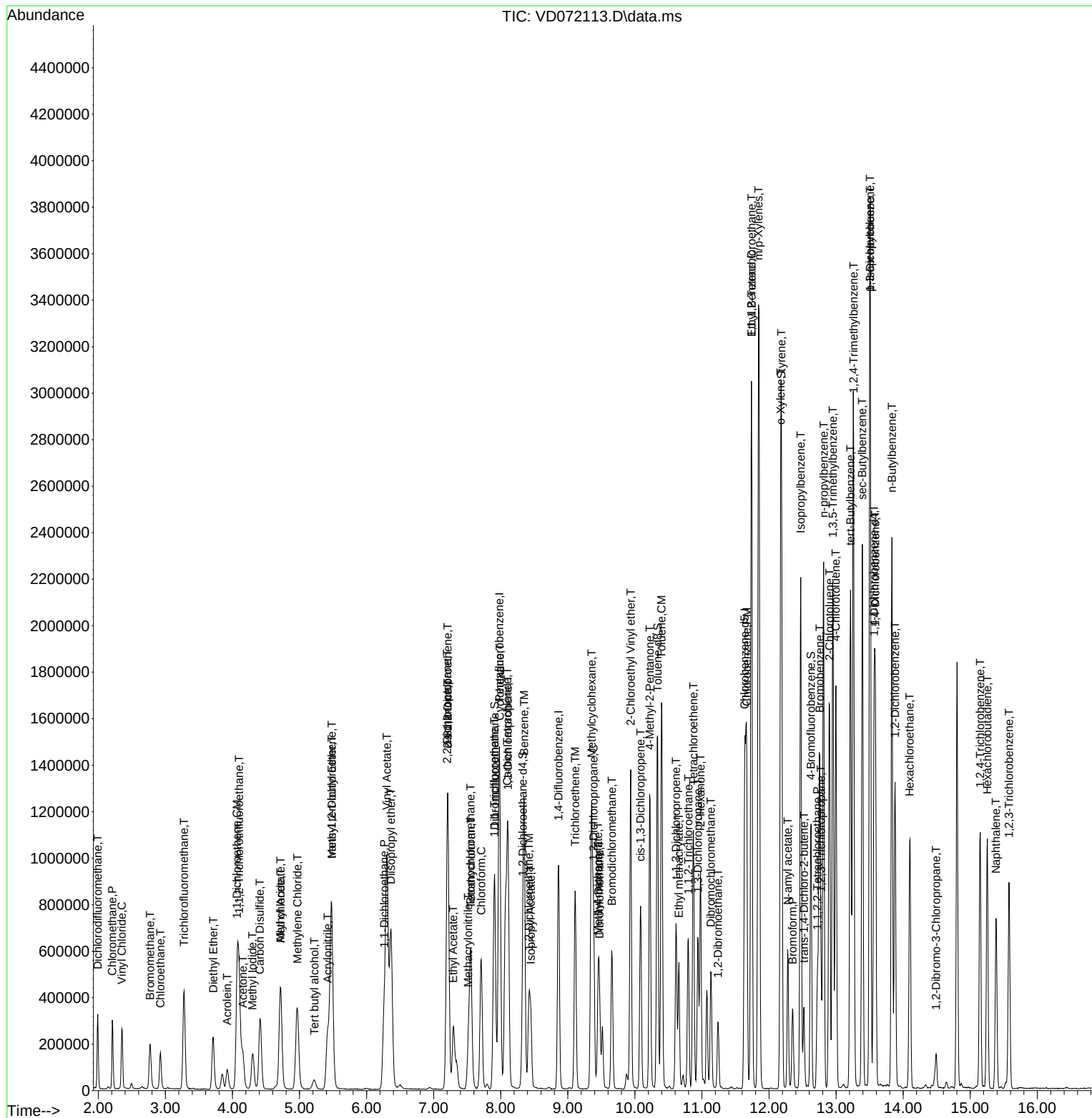
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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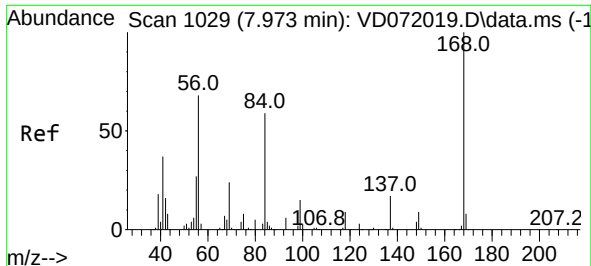
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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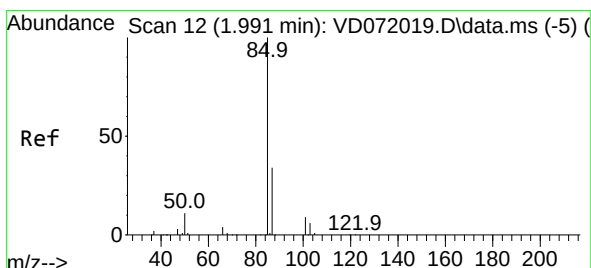
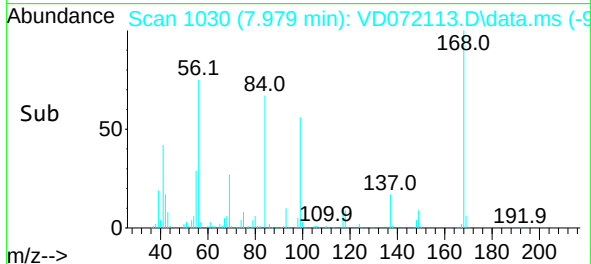
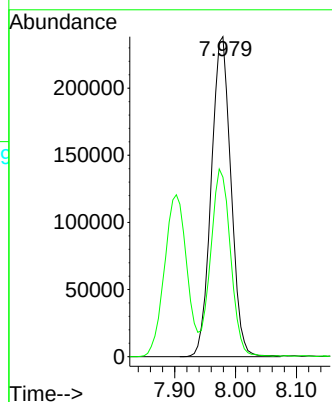
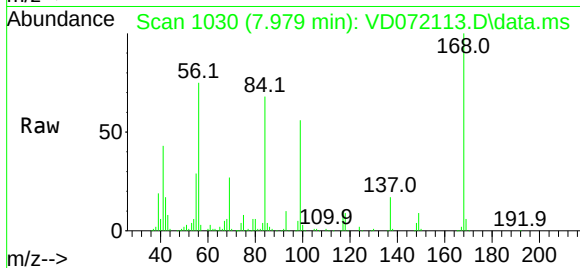




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072113.D
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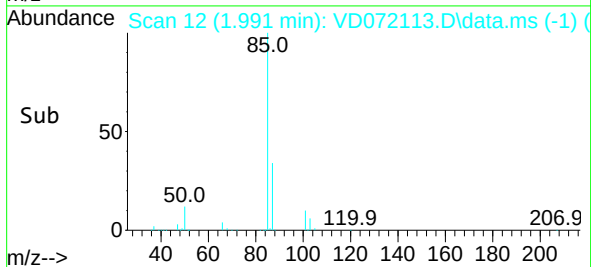
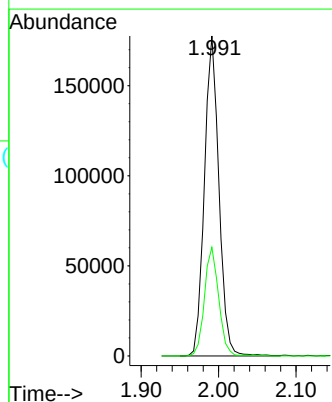
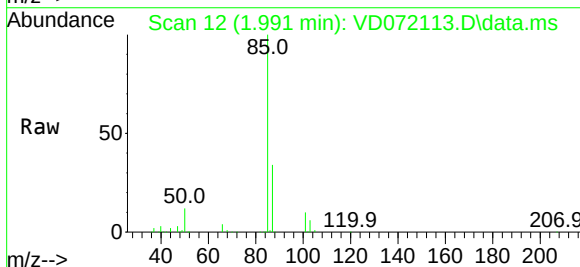
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

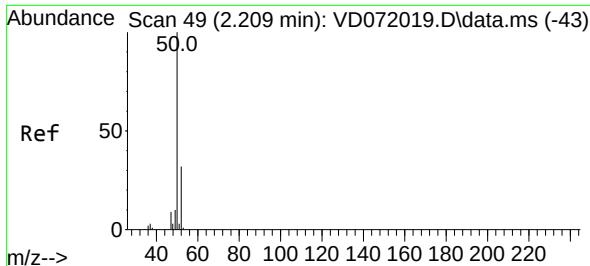
Tgt Ion:168 Resp: 534947
Ion Ratio Lower Upper
168 100
99 56.0 47.1 70.7



#2
Dichlorodifluoromethane
Concen: 45.821 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 85 Resp: 231108
Ion Ratio Lower Upper
85 100
87 33.9 17.0 51.0

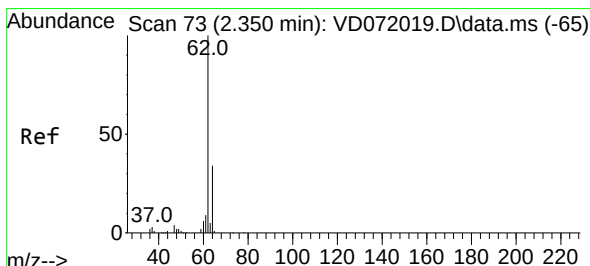
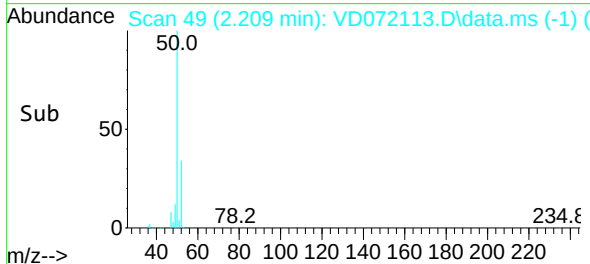
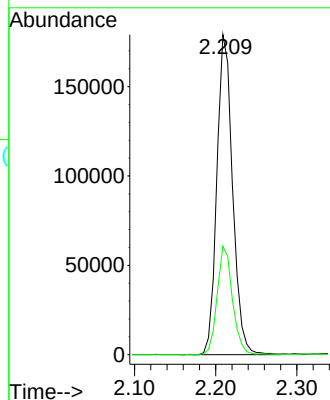
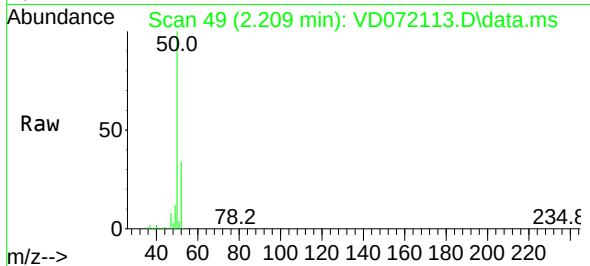




#3
Chloromethane
Concen: 52.888 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

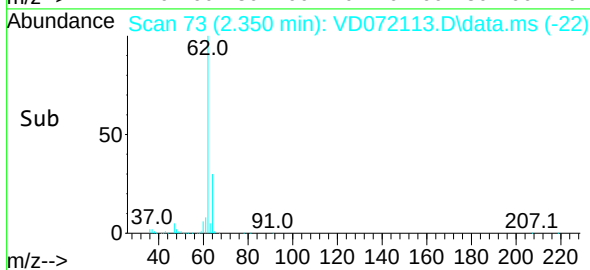
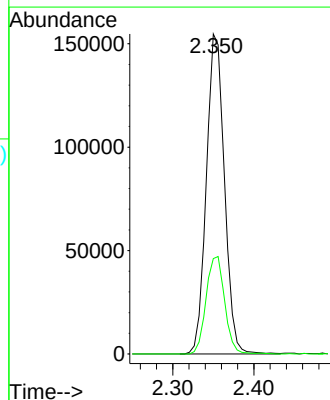
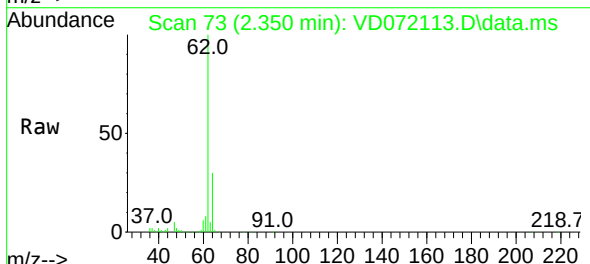
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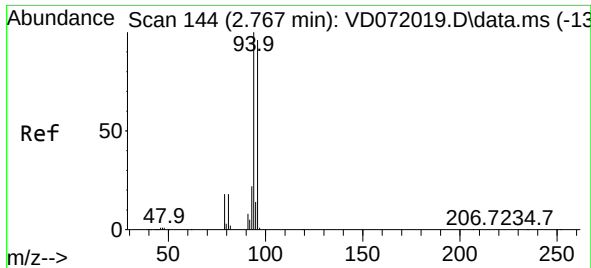
Tgt Ion: 50 Resp: 241556
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3



#4
Vinyl Chloride
Concen: 52.405 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 62 Resp: 238616
Ion Ratio Lower Upper
62 100
64 29.8 27.0 40.6

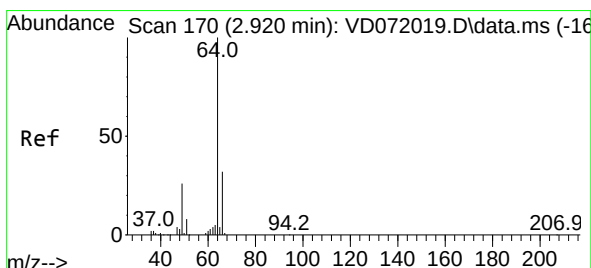
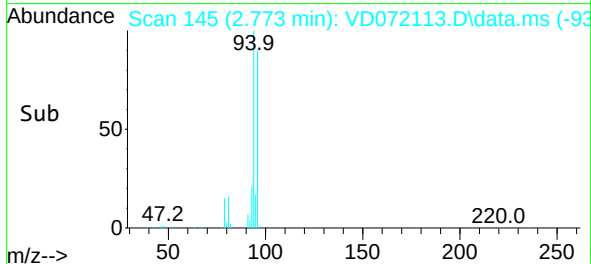
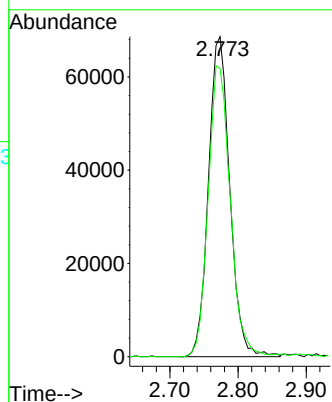
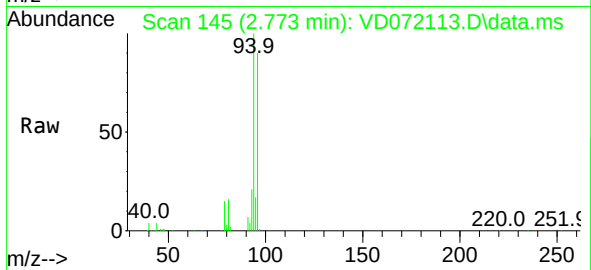




#5
Bromomethane
Concen: 52.506 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD072113.D
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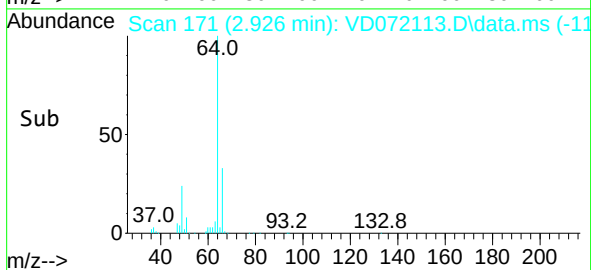
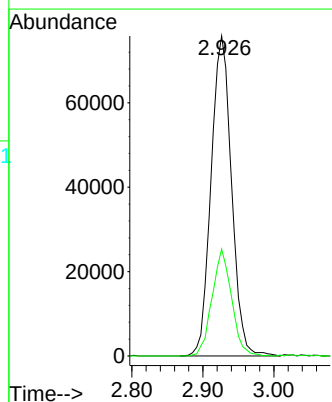
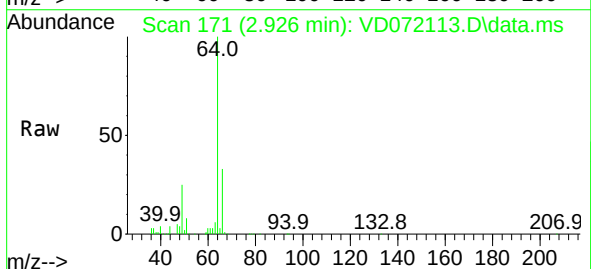
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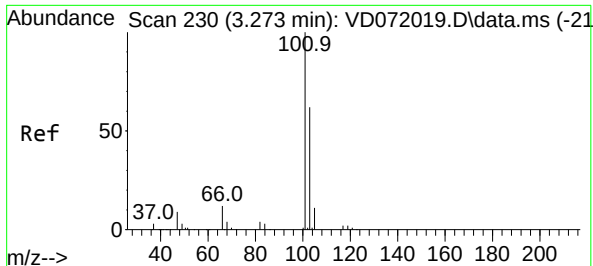
Tgt Ion: 94 Resp: 149315
Ion Ratio Lower Upper
94 100
96 90.0 76.8 115.2



#6
Chloroethane
Concen: 52.631 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 64 Resp: 151471
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9

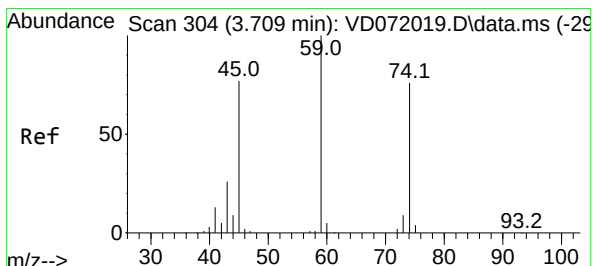
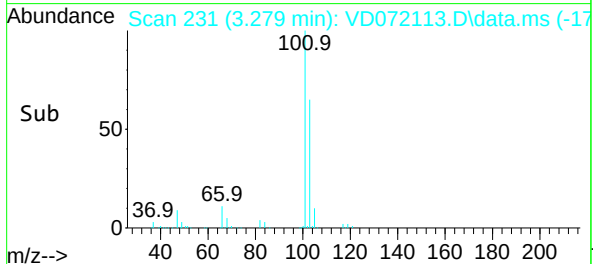
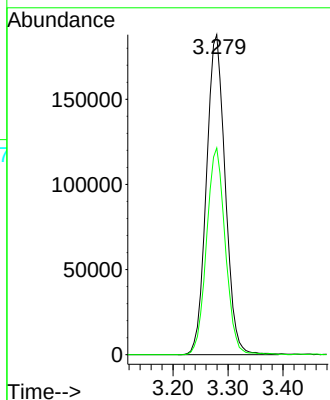
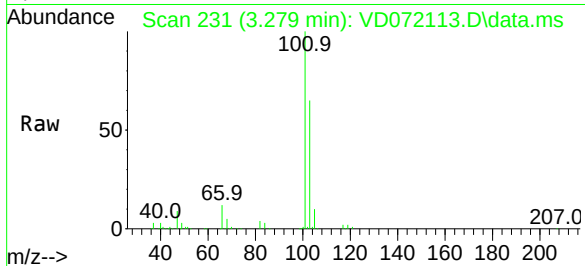




#7
Trichlorofluoromethane
Concen: 50.646 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

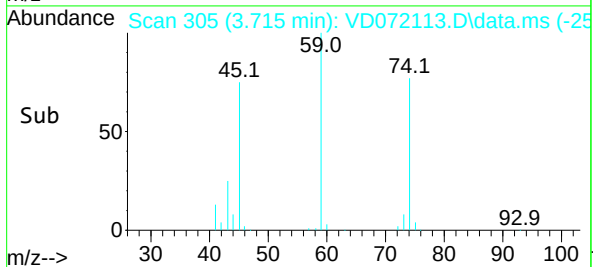
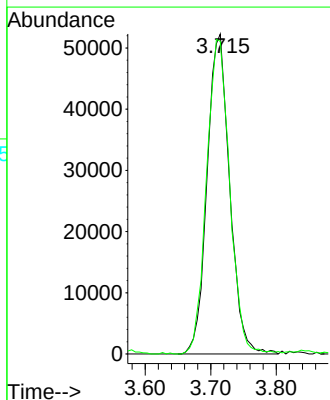
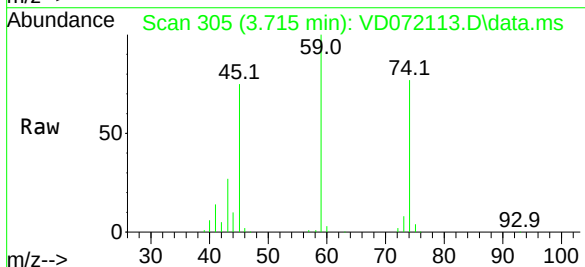
Instrument :
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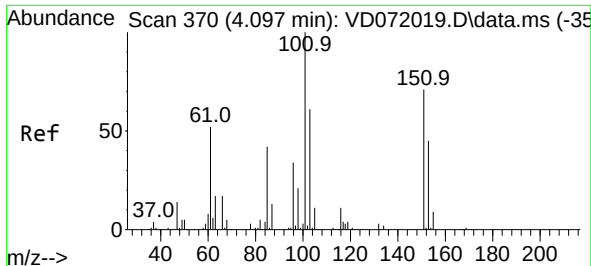
Tgt Ion:101 Resp: 446148
Ion Ratio Lower Upper
101 100
103 64.6 49.4 74.2



#8
Diethyl Ether
Concen: 49.804 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.006 min
Lab File: VD072113.D
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Tgt Ion: 74 Resp: 125070
Ion Ratio Lower Upper
74 100
45 101.0 50.9 152.8

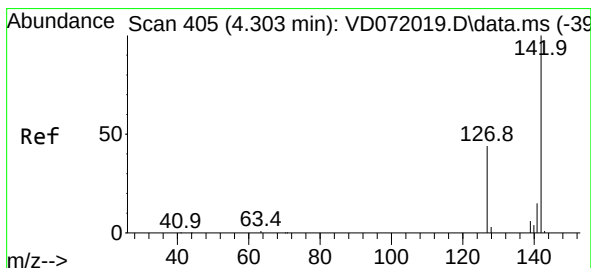
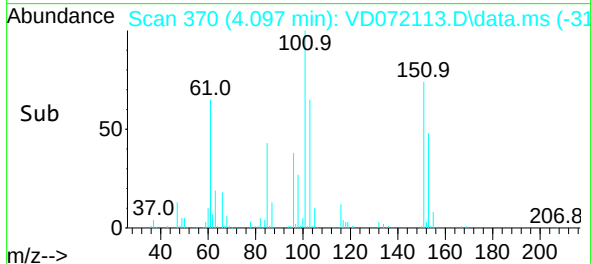
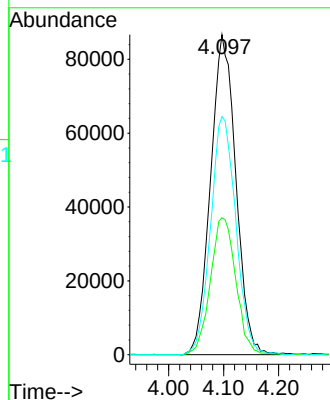
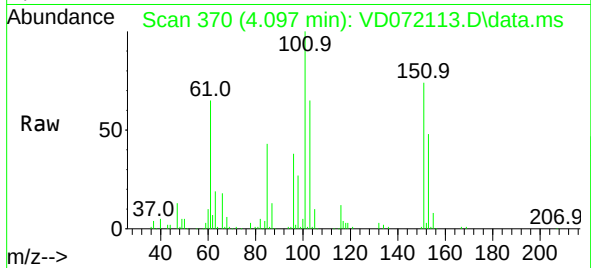




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.289 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

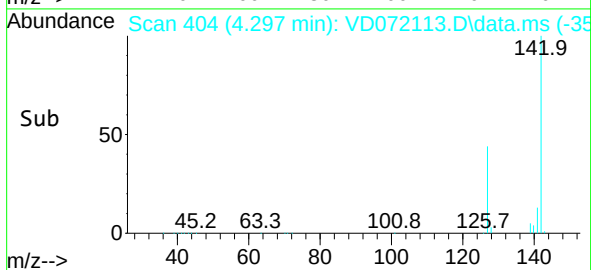
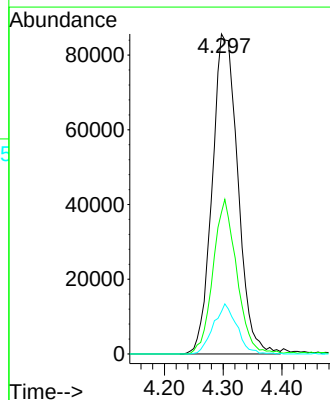
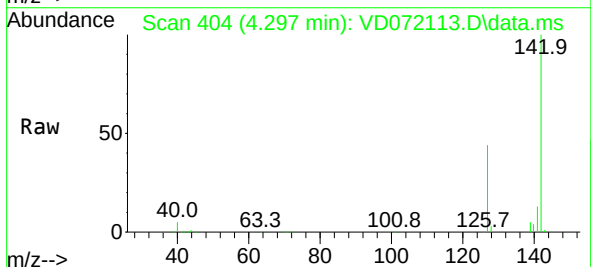
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

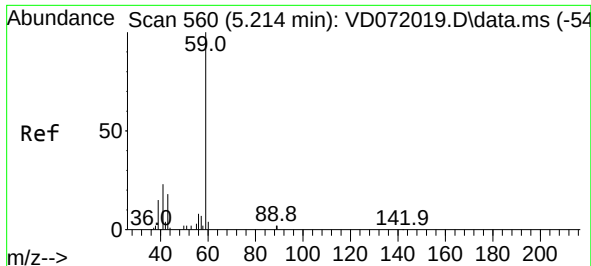
Tgt Ion:101 Resp: 276781
Ion Ratio Lower Upper
101 100
85 43.1 34.1 51.1
151 74.8 59.8 89.6



#10
Methyl Iodide
Concen: 43.138 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:142 Resp: 259328
Ion Ratio Lower Upper
142 100
127 44.8 35.8 53.8
141 14.4 11.6 17.4

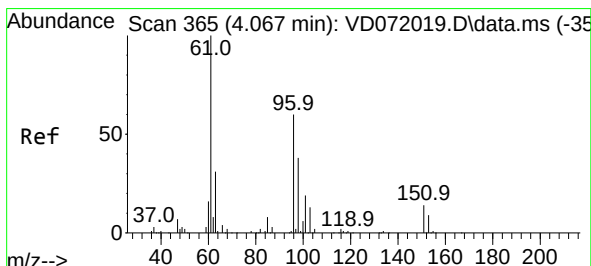
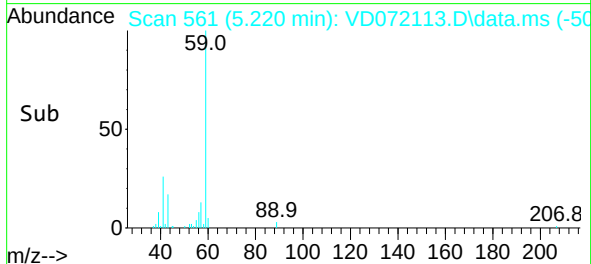
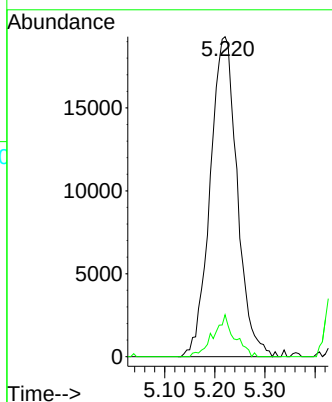
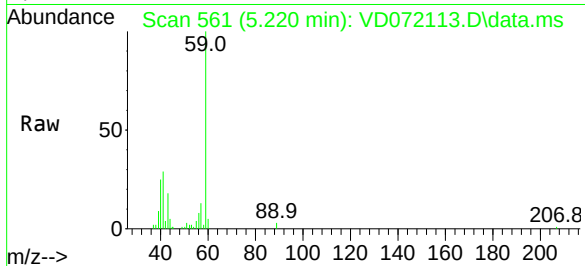




#11
Tert butyl alcohol
Concen: 228.220 ug/l
RT: 5.220 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

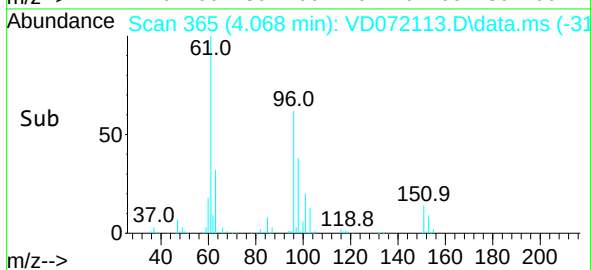
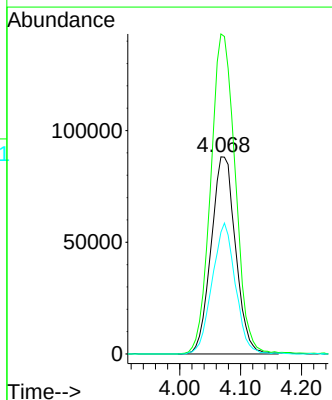
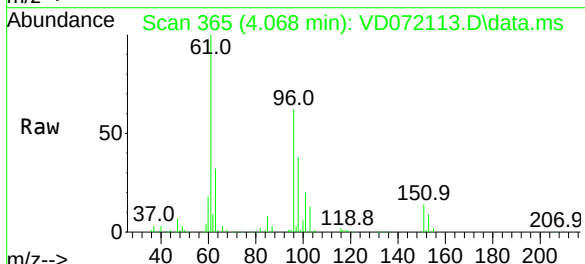
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

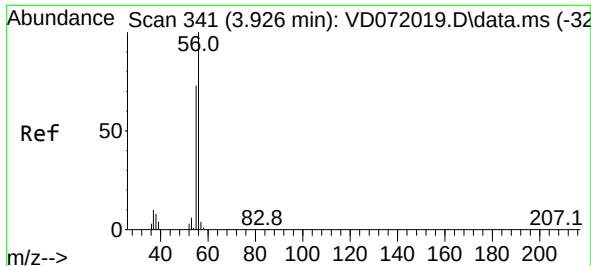
Tgt Ion: 59 Resp: 72256
Ion Ratio Lower Upper
59 100
57 10.2 5.4 8.2#



#12
1,1-Dichloroethene
Concen: 50.378 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 96 Resp: 246278
Ion Ratio Lower Upper
96 100
61 162.4 132.8 199.2
98 61.8 50.1 75.1

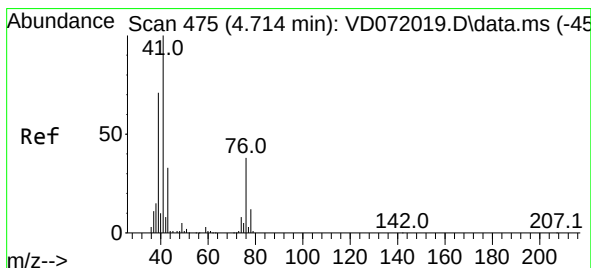
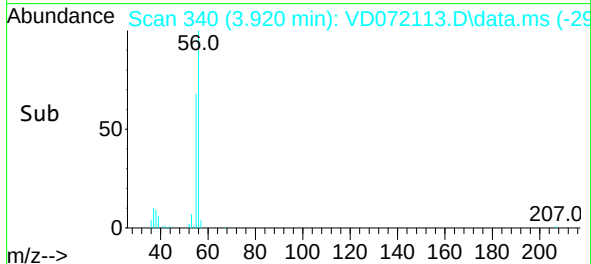
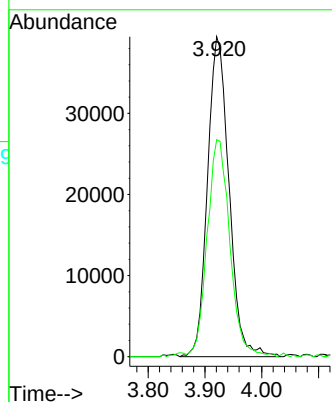
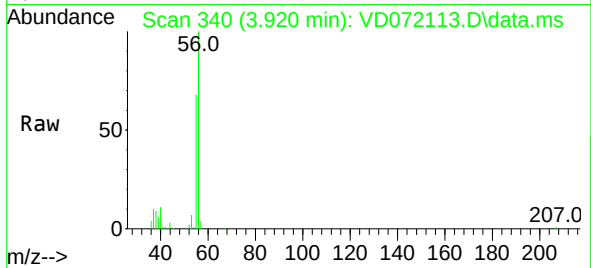




#13
Acrolein
Concen: 165.621 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

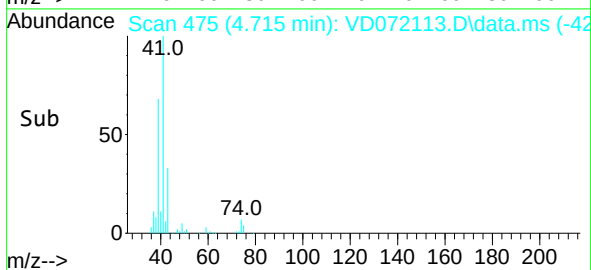
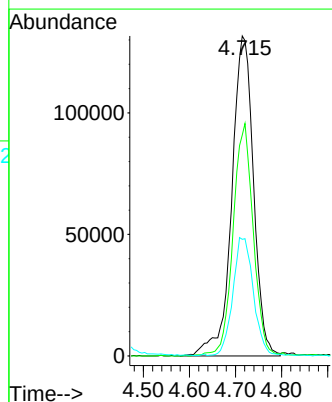
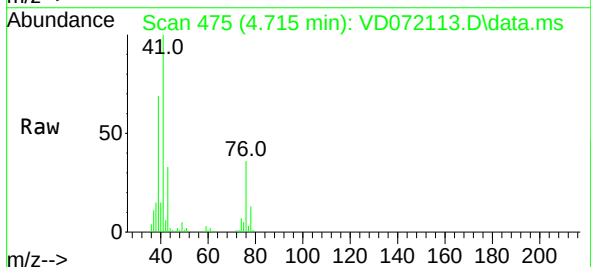
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

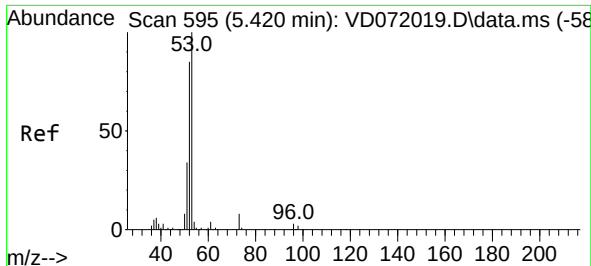
Tgt Ion: 56 Resp: 103401
Ion Ratio Lower Upper
56 100
55 71.4 55.8 83.6



#14
Allyl chloride
Concen: 50.494 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 41 Resp: 432601
Ion Ratio Lower Upper
41 100
39 67.5 52.2 78.2
76 34.3 28.1 42.1

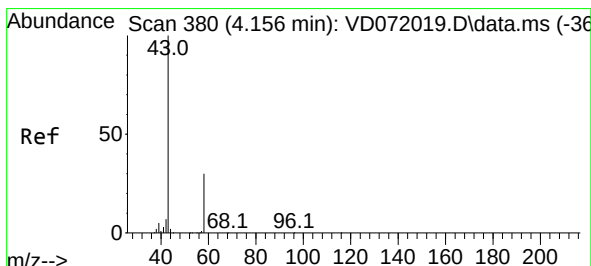
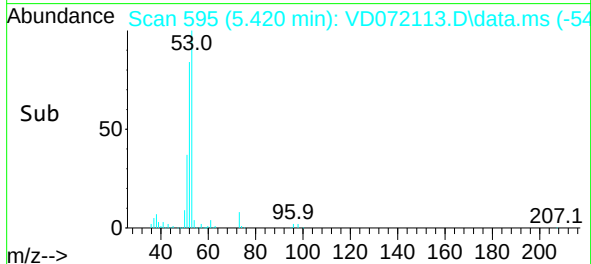
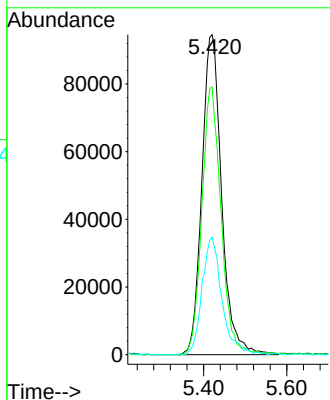
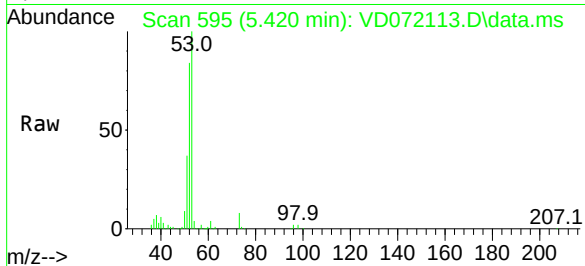




#15
Acrylonitrile
Concen: 229.769 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

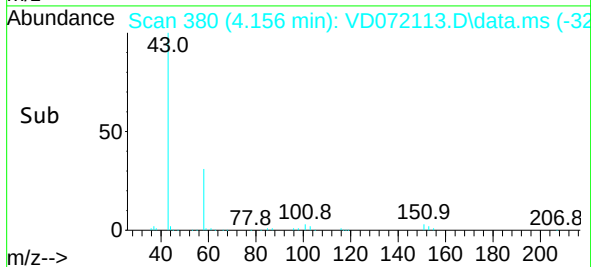
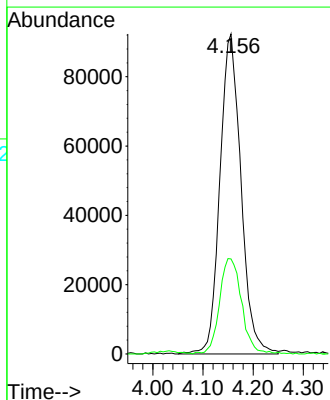
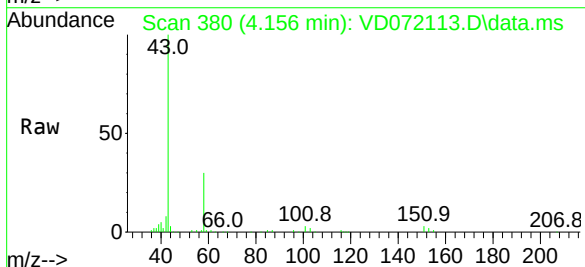
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

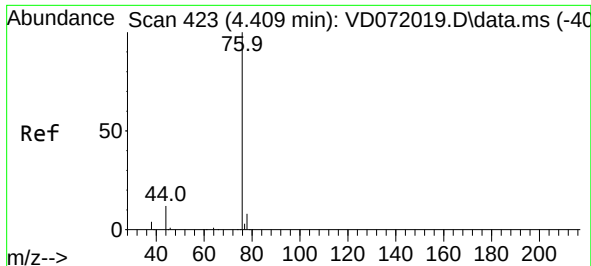
Tgt Ion: 53 Resp: 311857
Ion Ratio Lower Upper
53 100
52 81.2 65.8 98.6
51 37.0 29.4 44.0



#16
Acetone
Concen: 224.460 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 43 Resp: 269180
Ion Ratio Lower Upper
43 100
58 29.3 23.8 35.6

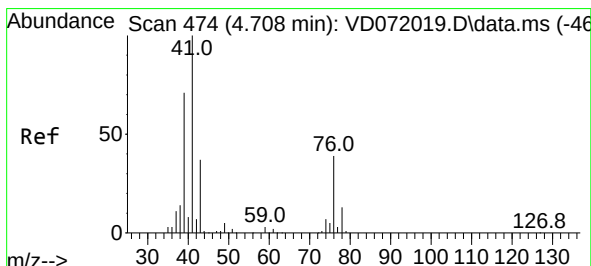
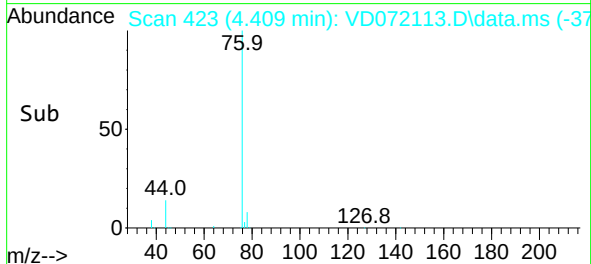
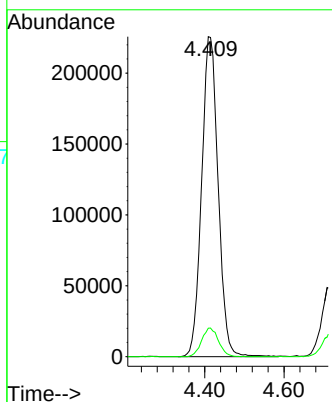
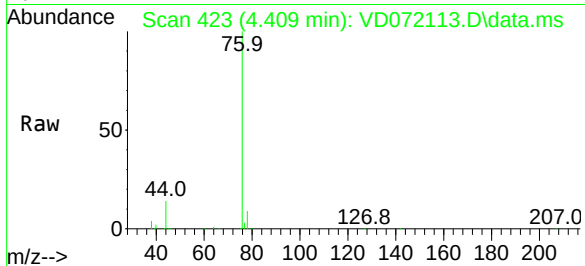




#17
Carbon Disulfide
Concen: 48.006 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

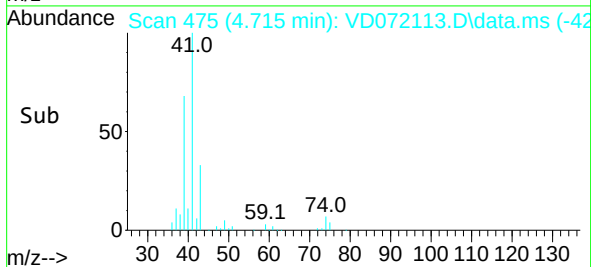
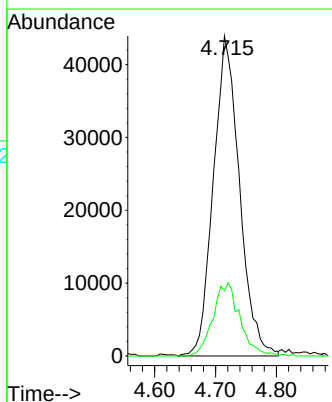
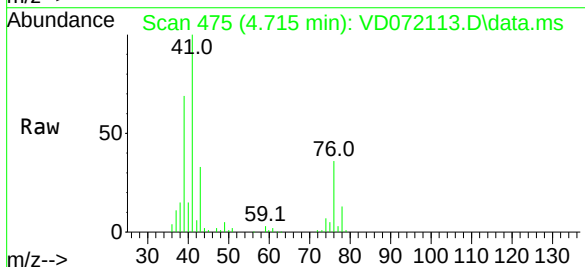
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

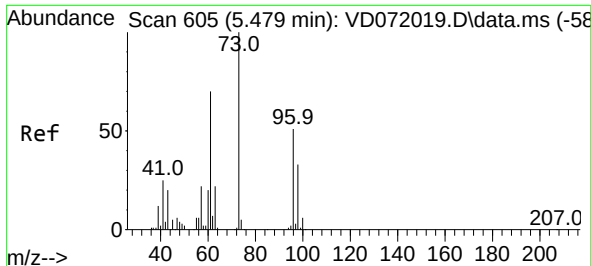
Tgt Ion: 76 Resp: 652869
Ion Ratio Lower Upper
76 100
78 8.9 6.7 10.1



#18
Methyl Acetate
Concen: 42.727 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.007 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 43 Resp: 130712
Ion Ratio Lower Upper
43 100
74 23.5 18.6 27.8

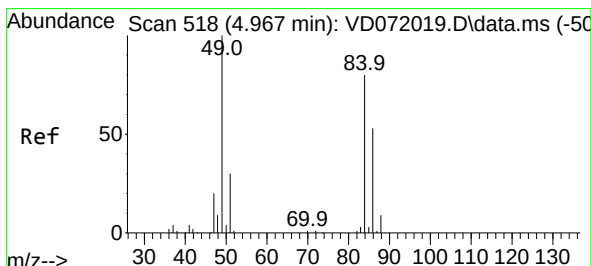
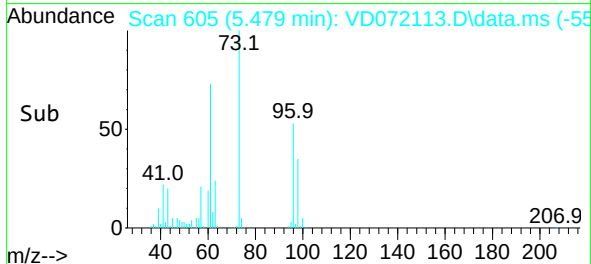
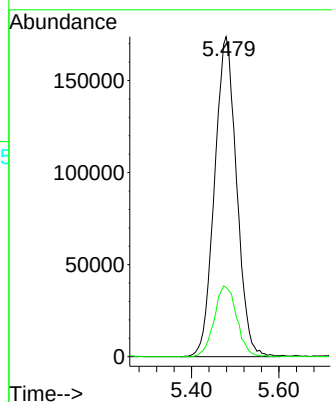
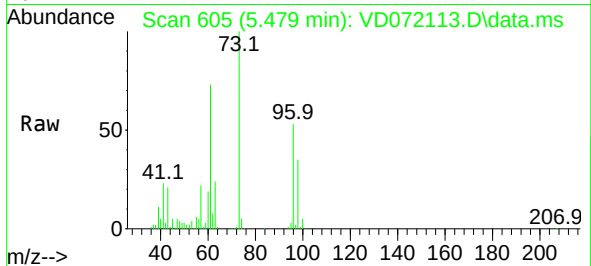




#19
Methyl tert-butyl Ether
Concen: 51.118 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

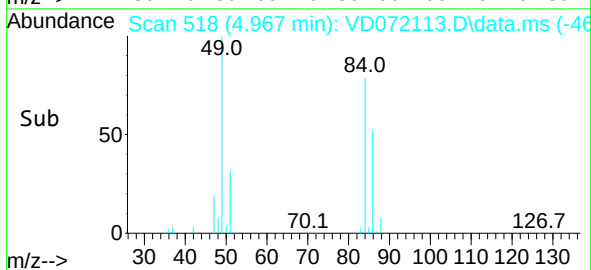
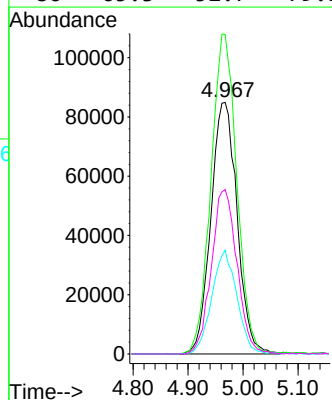
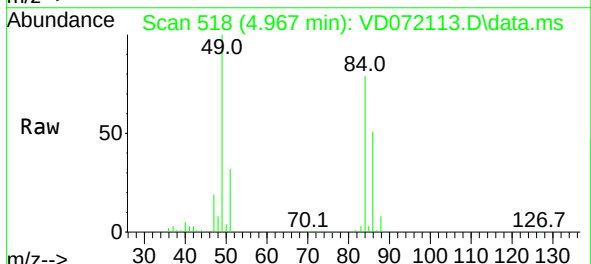
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

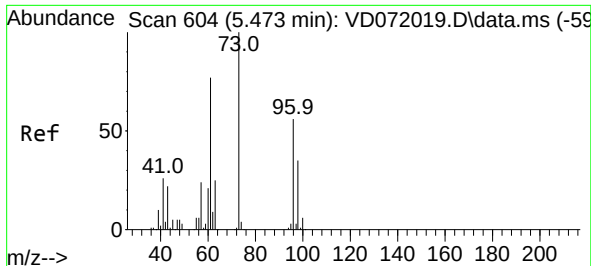
Tgt Ion: 73 Resp: 607919
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 47.125 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 84 Resp: 281263
Ion Ratio Lower Upper
84 100
49 127.0 100.0 150.0
51 41.2 30.2 45.4
86 65.3 52.7 79.1

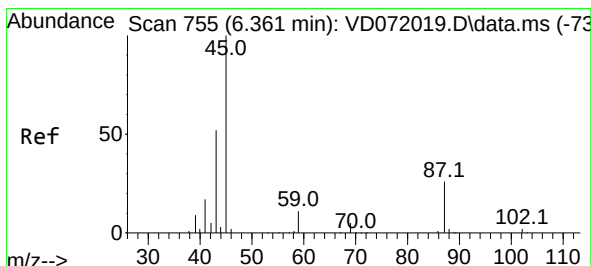
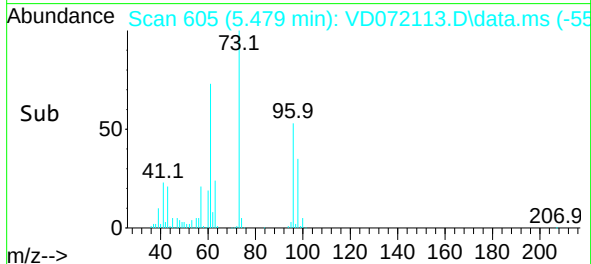
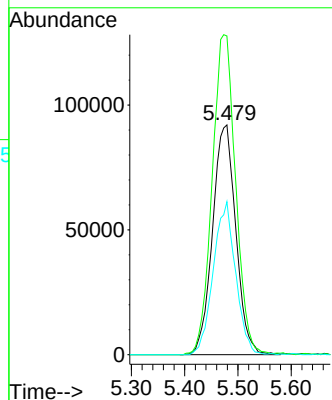
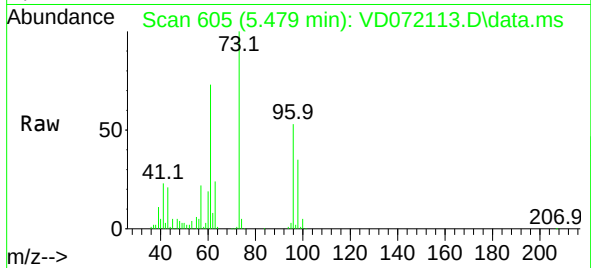




#21
trans-1,2-Dichloroethene
Concen: 50.926 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

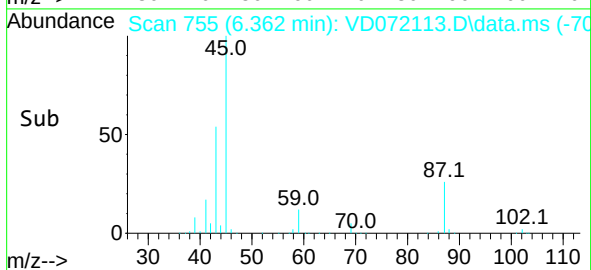
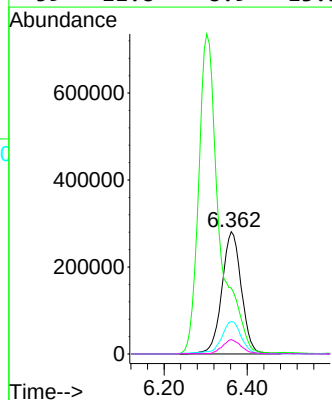
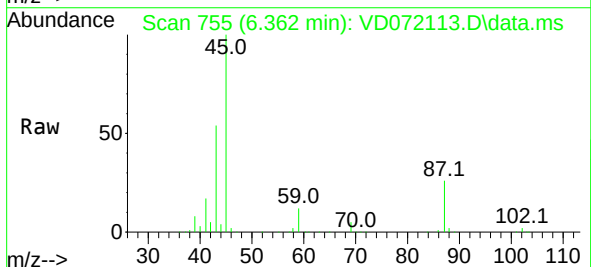
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

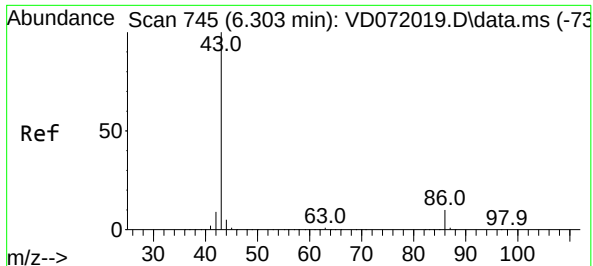
Tgt Ion: 96 Resp: 279733
Ion Ratio Lower Upper
96 100
61 138.7 109.4 164.0
98 66.6 49.6 74.4



#22
Diisopropyl ether
Concen: 51.168 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 45 Resp: 915398
Ion Ratio Lower Upper
45 100
43 53.7 41.3 61.9
87 26.3 20.4 30.6
59 11.8 8.9 13.3

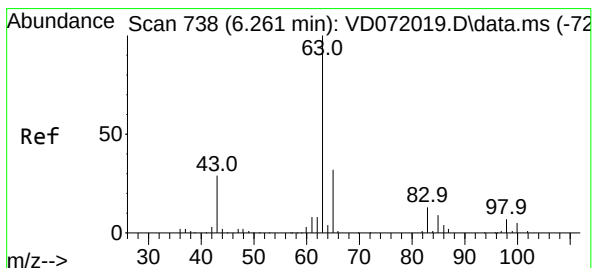
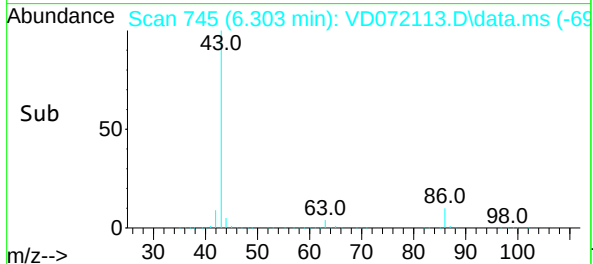
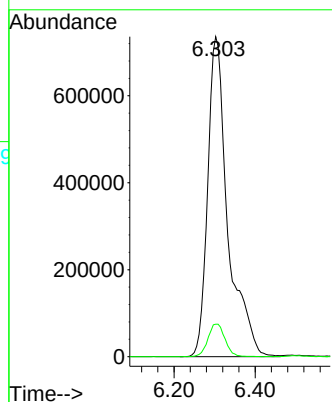
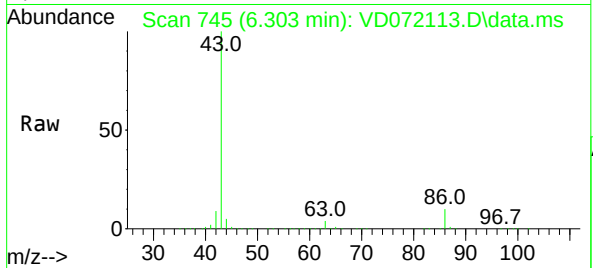




#23
 Vinyl Acetate
 Concen: 264.836 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072113.D
 Acq: 28 Feb 2022 09:57

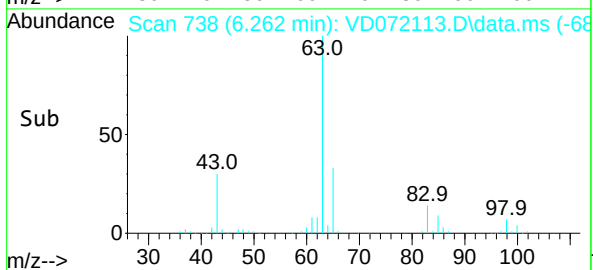
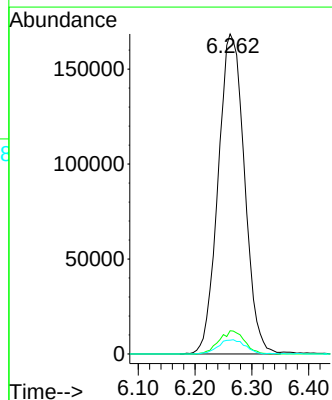
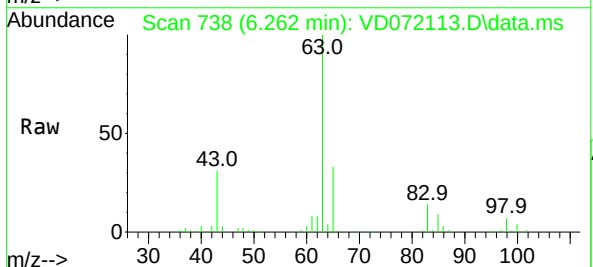
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

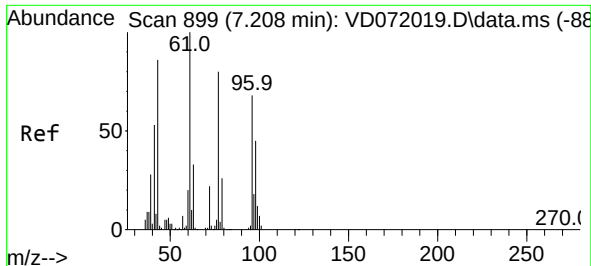
Tgt Ion: 43 Resp: 2530166
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 50.895 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072113.D
 Acq: 28 Feb 2022 09:57

Tgt Ion: 63 Resp: 541678
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.3 2.4 7.1

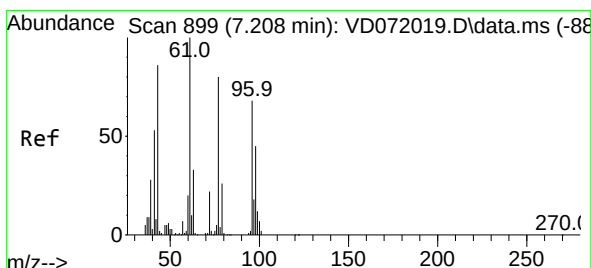
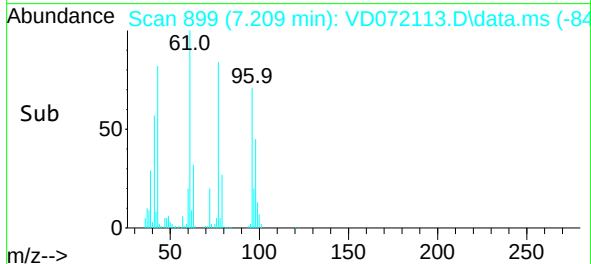
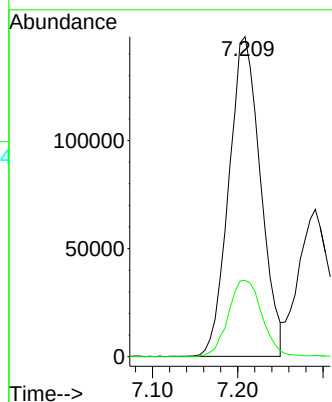
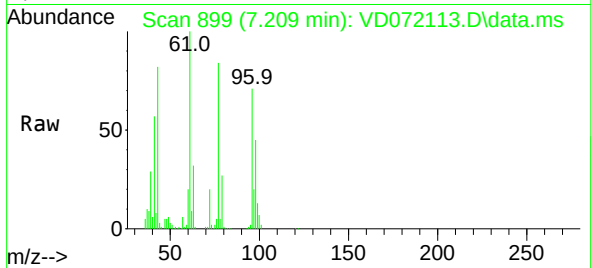




#25
2-Butanone
Concen: 230.409 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

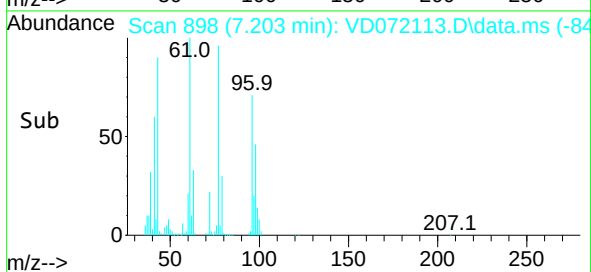
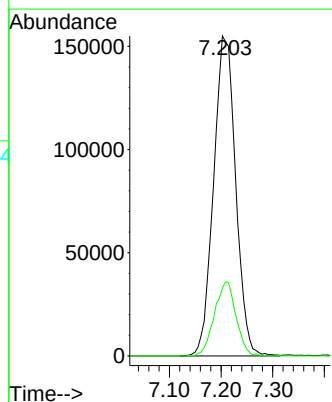
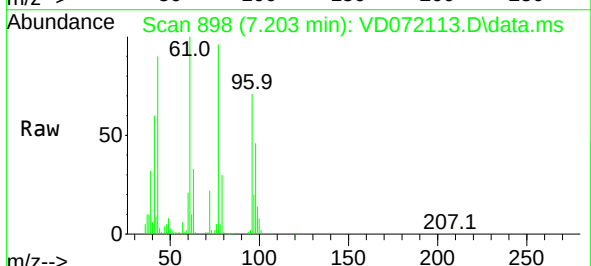
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

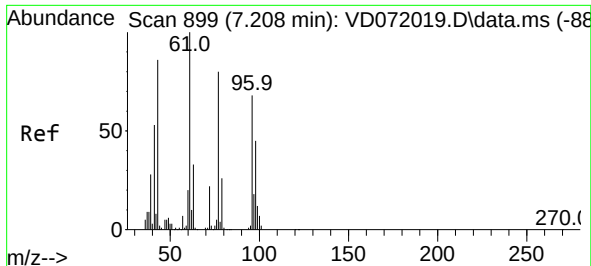
Tgt Ion: 43 Resp: 381900
Ion Ratio Lower Upper
43 100
72 23.9 20.3 30.5



#26
2,2-Dichloropropane
Concen: 54.127 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 77 Resp: 460980
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 52.110 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

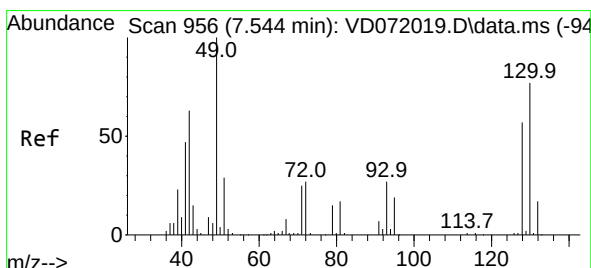
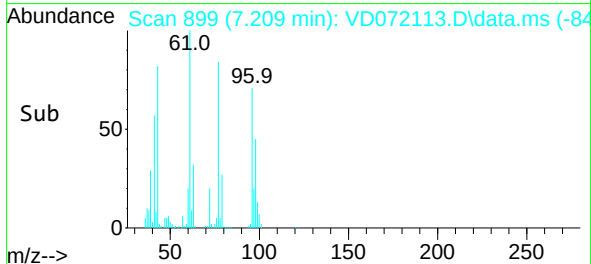
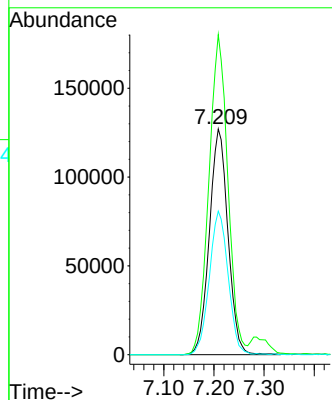
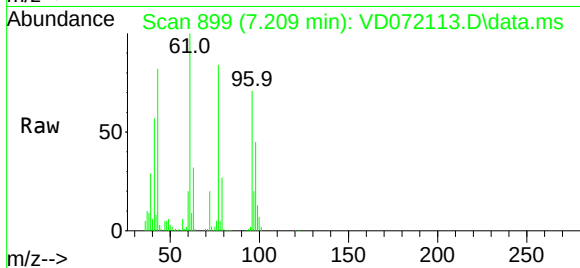
Tgt Ion: 96 Resp: 327949

Ion Ratio Lower Upper

96 100

61 144.4 0.0 295.6

98 64.3 0.0 129.8



#28

Bromochloromethane

Concen: 47.963 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.006 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

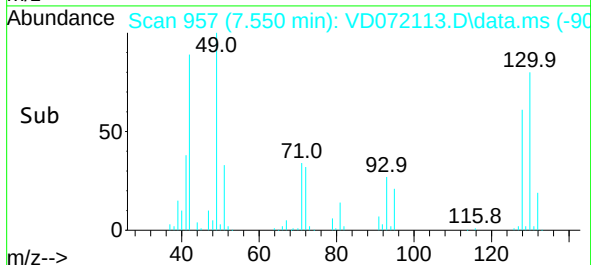
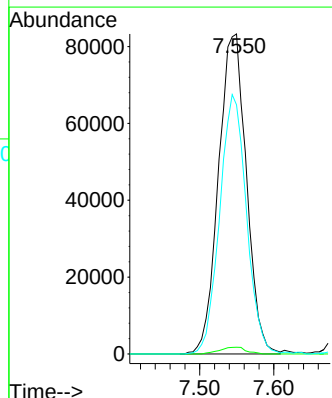
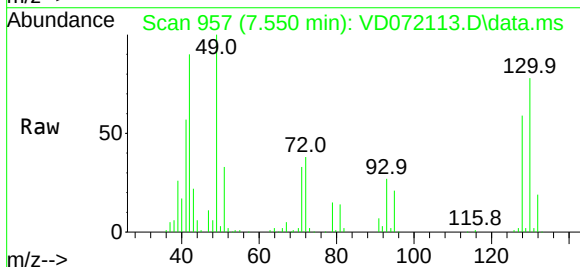
Tgt Ion: 49 Resp: 217616

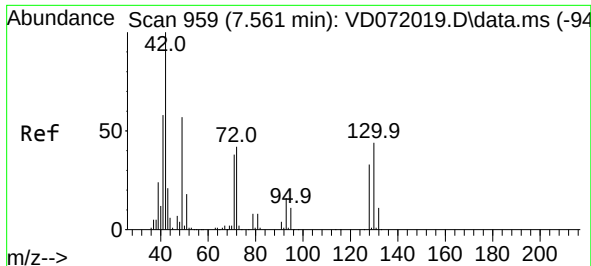
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 77.9 61.1 91.7





#29

Tetrahydrofuran

Concen: 226.009 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

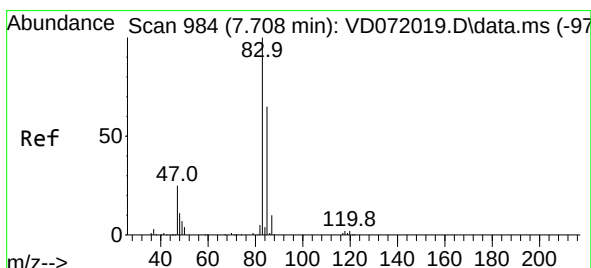
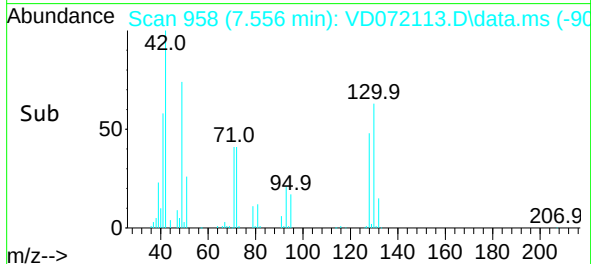
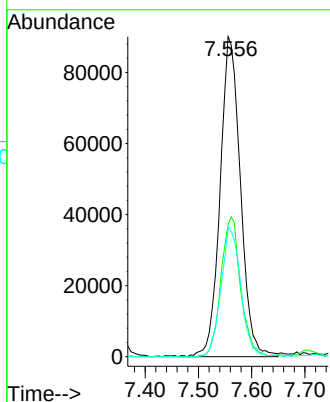
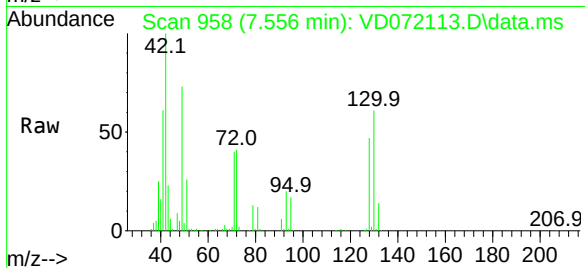
Tgt Ion: 42 Resp: 239075

Ion Ratio Lower Upper

42 100

72 42.1 33.6 50.4

71 39.3 31.0 46.4



#30

Chloroform

Concen: 50.003 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD072113.D

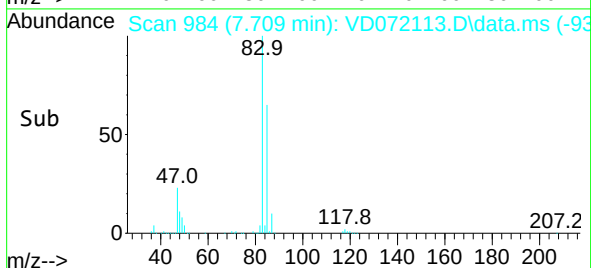
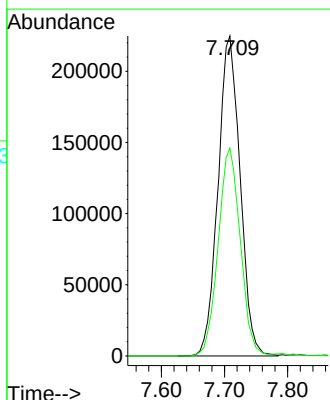
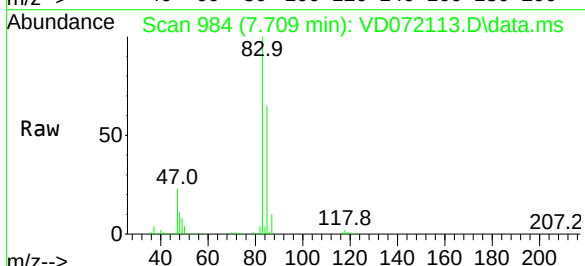
Acq: 28 Feb 2022 09:57

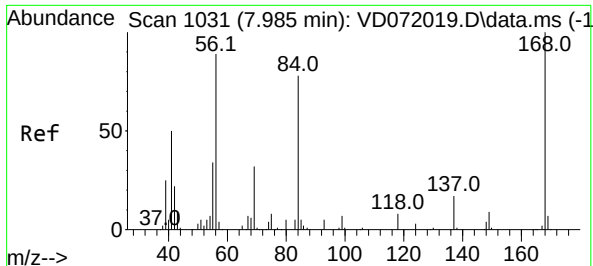
Tgt Ion: 83 Resp: 546406

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.2





#31

Cyclohexane

Concen: 48.724 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

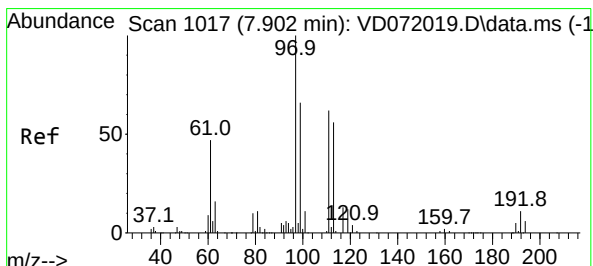
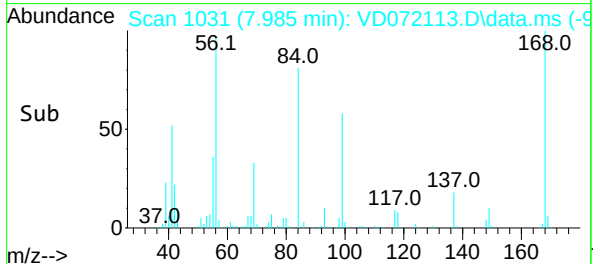
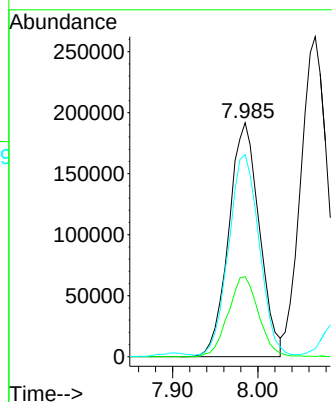
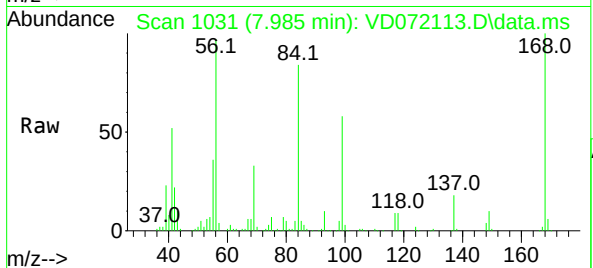
Tgt Ion: 56 Resp: 477554

Ion Ratio Lower Upper

56 100

69 34.2 28.9 43.3

84 85.0 70.6 105.8



#32

1,1,1-Trichloroethane

Concen: 51.518 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

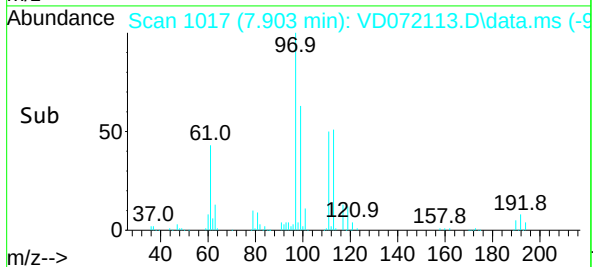
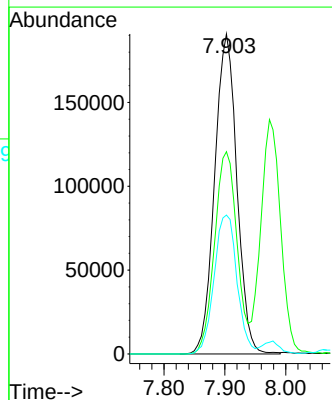
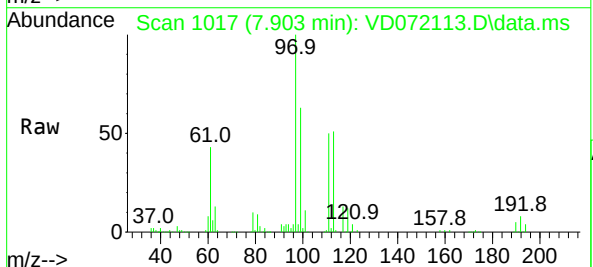
Tgt Ion: 97 Resp: 484459

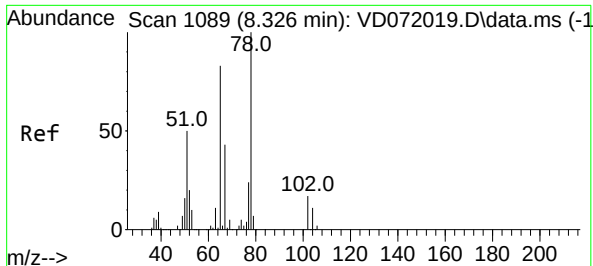
Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

61 44.7 37.2 55.8





#33

1,2-Dichloroethane-d4

Concen: 49.340 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

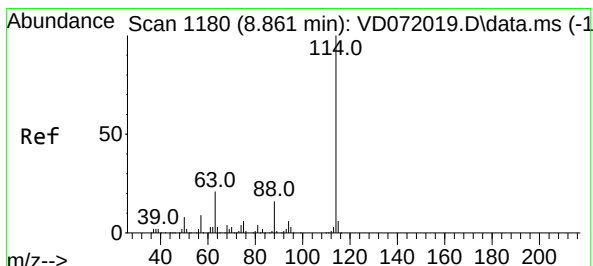
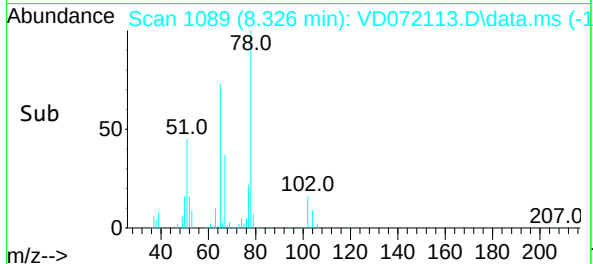
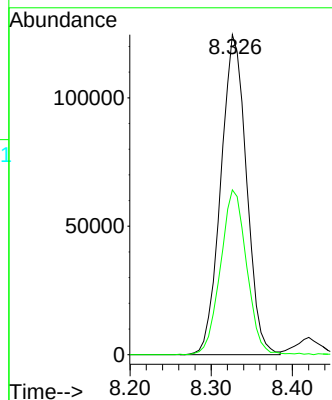
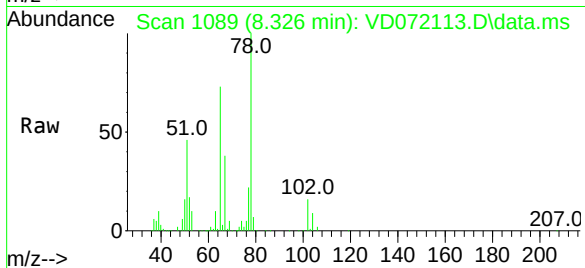
VSTDCCC050

Tgt Ion: 65 Resp: 273786

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

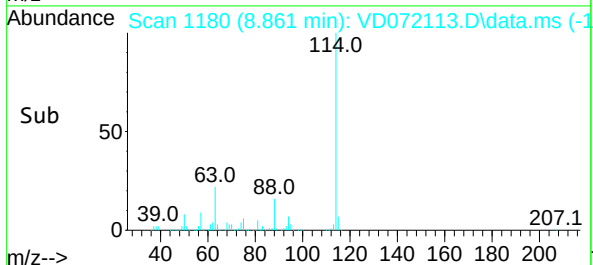
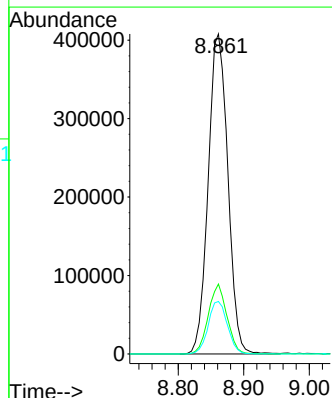
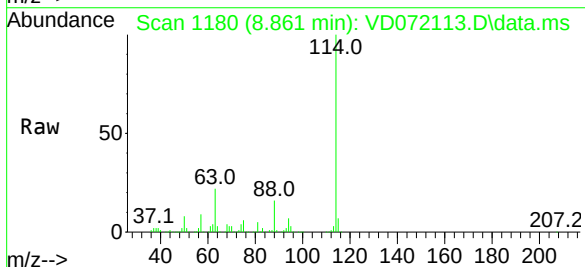
Tgt Ion: 114 Resp: 849971

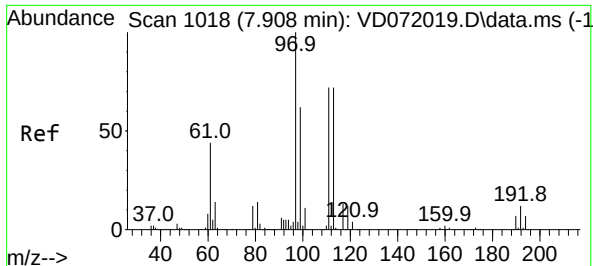
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 53.578 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

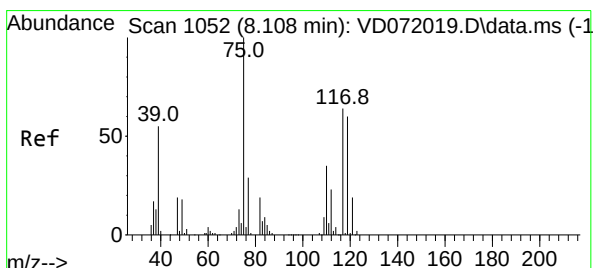
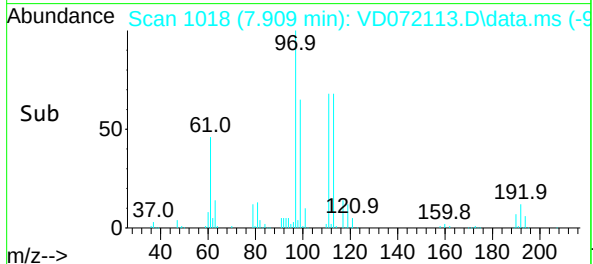
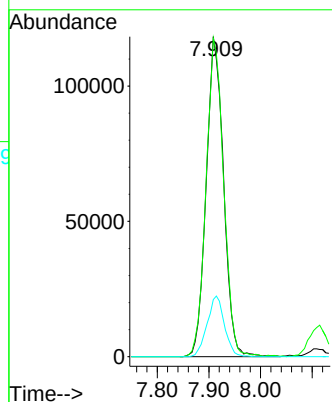
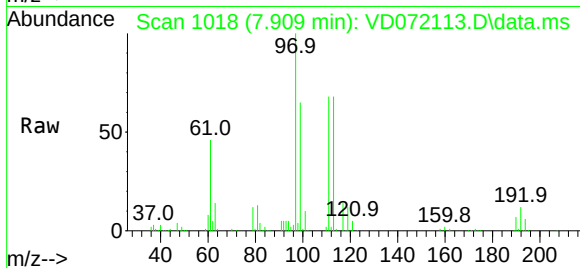
Tgt Ion:113 Resp: 275912

Ion Ratio Lower Upper

113 100

111 100.9 83.0 124.4

192 18.9 15.3 22.9



#36

1,1-Dichloropropene

Concen: 52.547 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

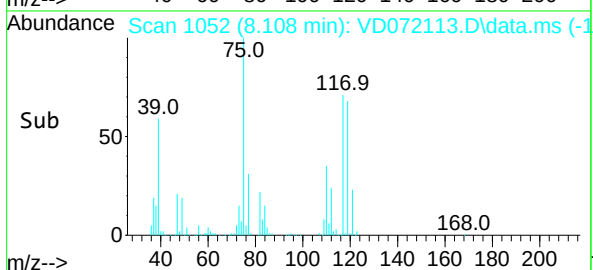
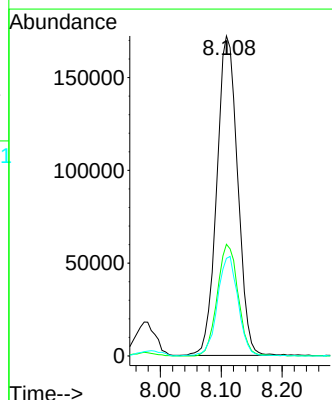
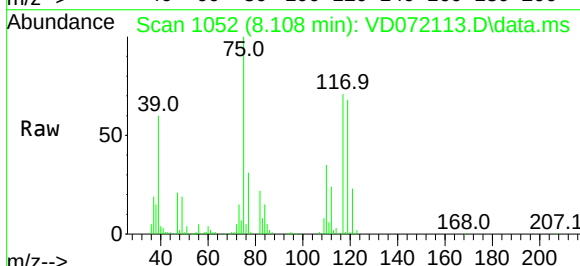
Tgt Ion: 75 Resp: 409902

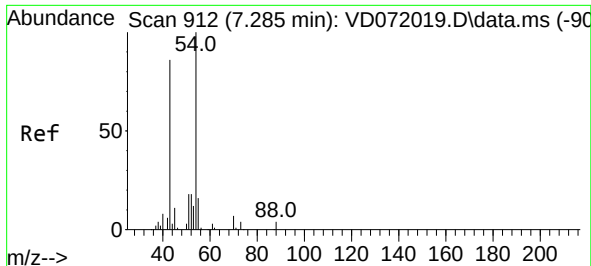
Ion Ratio Lower Upper

75 100

110 34.9 17.7 53.1

77 31.0 24.8 37.2





#37

Ethyl Acetate

Concen: 47.680 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

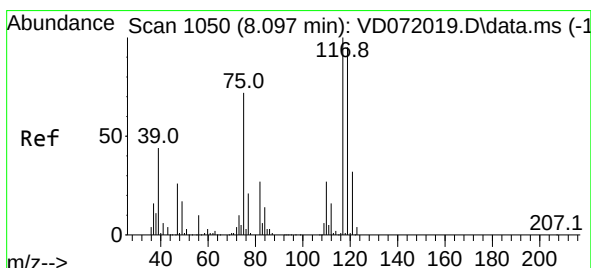
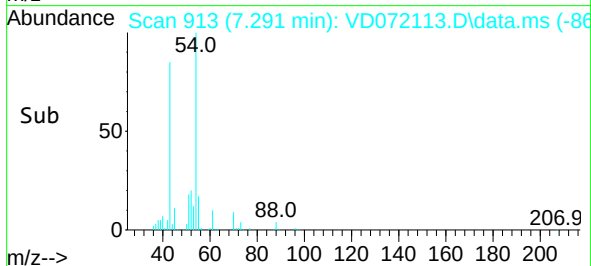
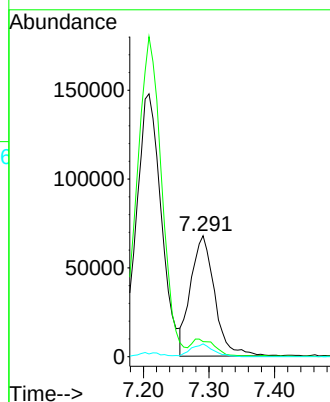
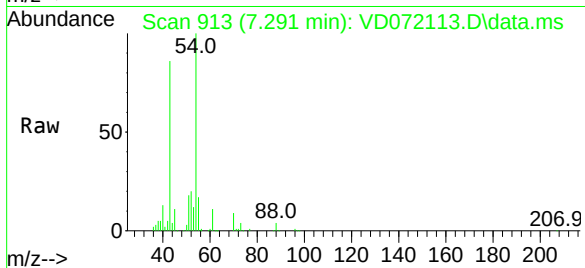
Tgt Ion: 43 Resp: 172473

Ion Ratio Lower Upper

43 100

61 13.8 9.8 14.8

70 10.0 7.4 11.2



#38

Carbon Tetrachloride

Concen: 53.894 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

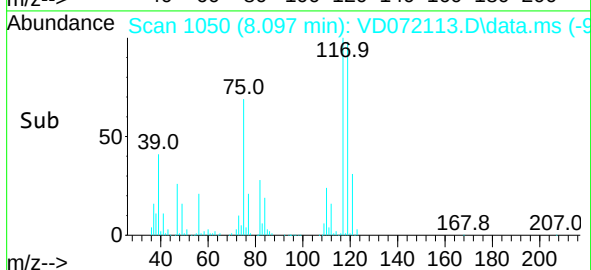
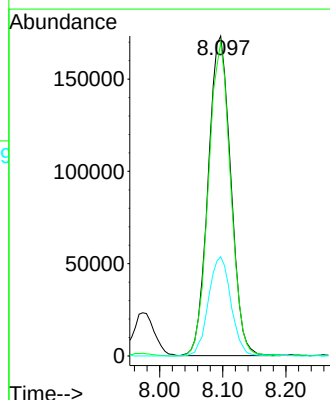
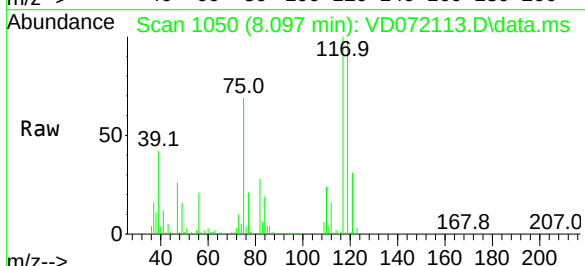
Tgt Ion: 117 Resp: 430902

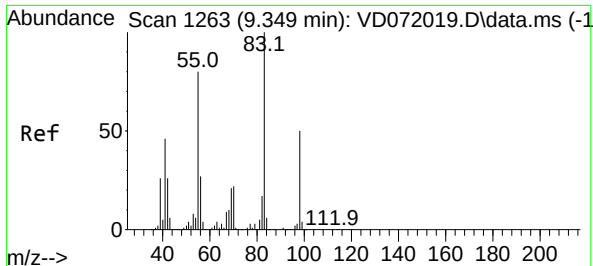
Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.8

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 54.330 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

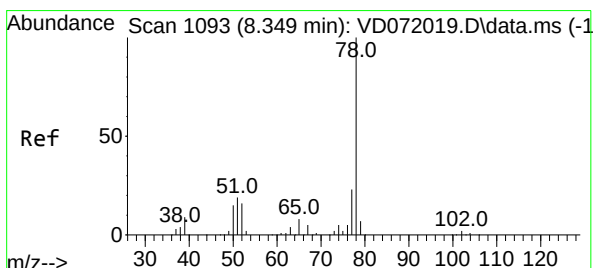
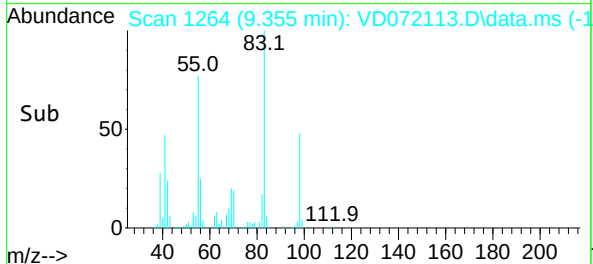
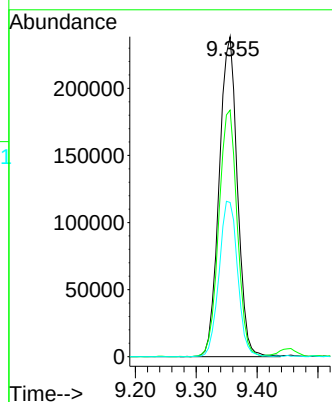
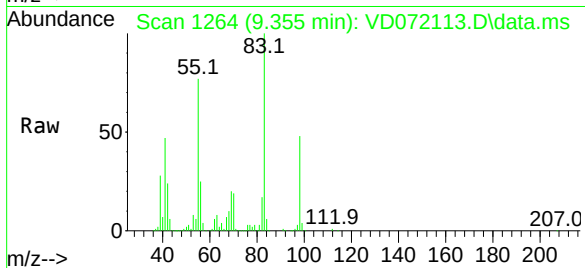
Tgt Ion: 83 Resp: 496029

Ion Ratio Lower Upper

83 100

55 77.0 64.0 96.0

98 48.2 39.8 59.8



#40

Benzene

Concen: 52.539 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072113.D

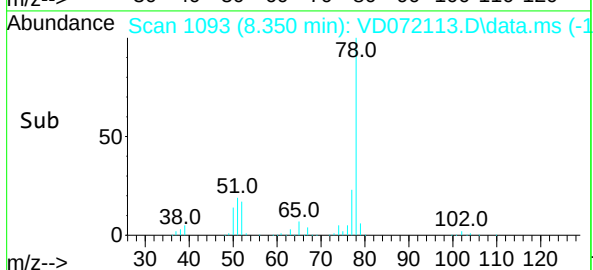
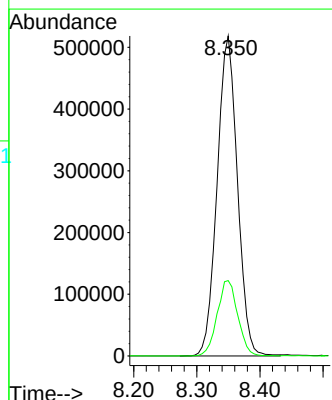
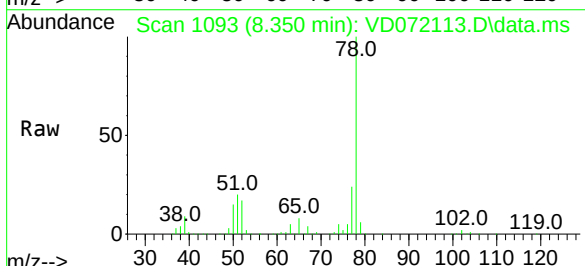
Acq: 28 Feb 2022 09:57

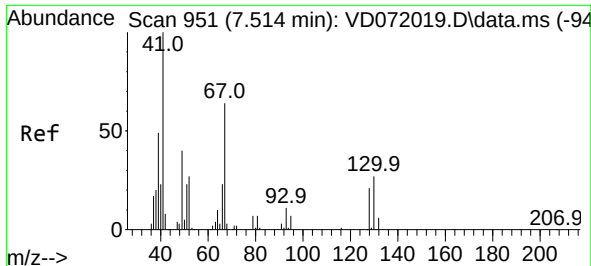
Tgt Ion: 78 Resp: 1156480

Ion Ratio Lower Upper

78 100

77 23.5 18.2 27.4

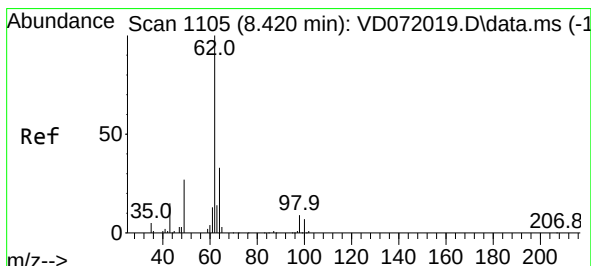
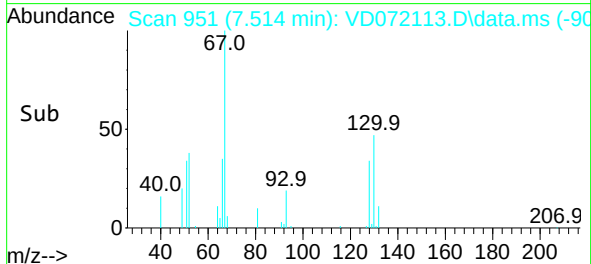
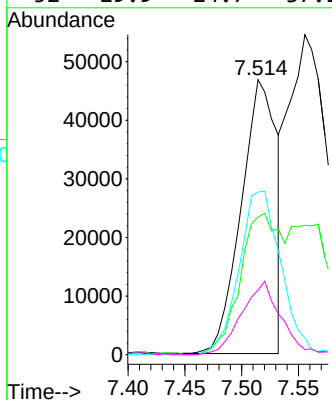
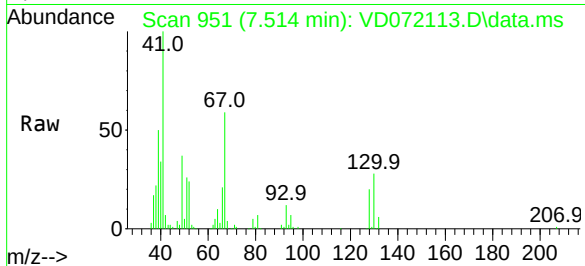




#41
Methacrylonitrile
Concen: 44.898 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

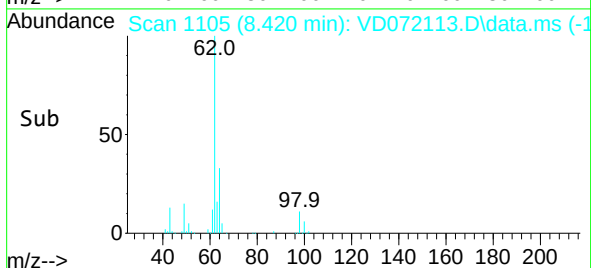
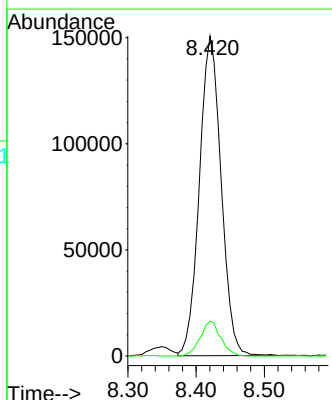
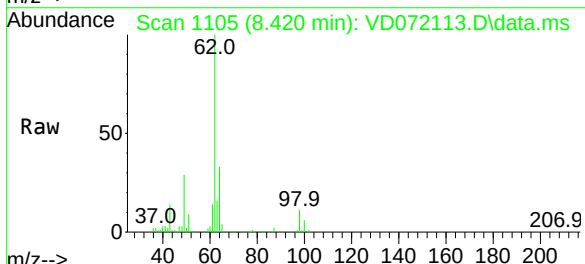
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

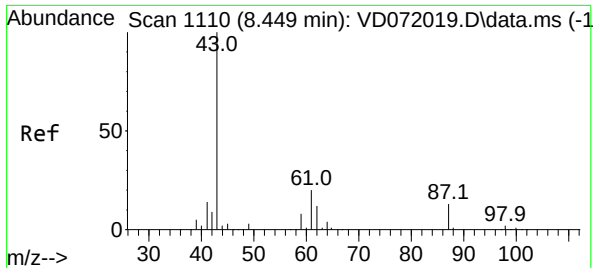
Tgt Ion: 41 Resp: 100713
Ion Ratio Lower Upper
41 100
39 61.4 46.7 70.1
67 71.7 57.6 86.4
52 29.9 24.7 37.1



#42
1,2-Dichloroethane
Concen: 50.598 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 62 Resp: 334087
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.0

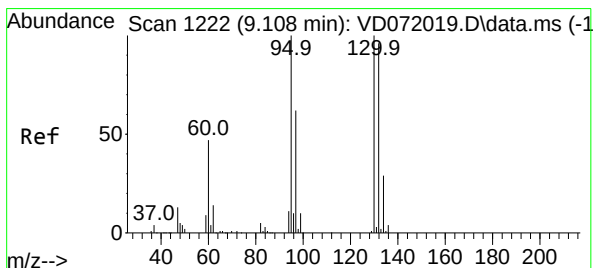
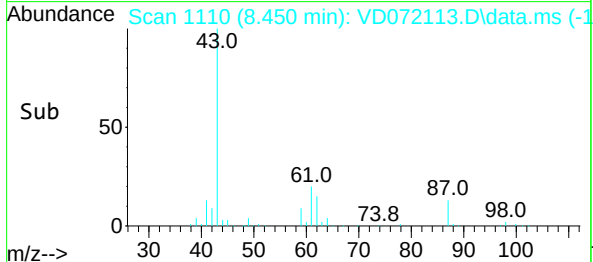
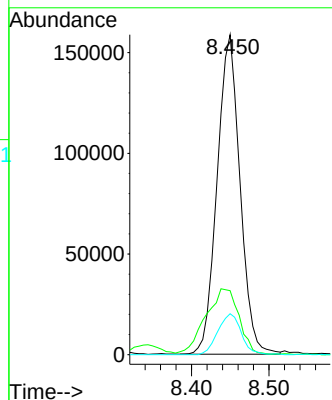
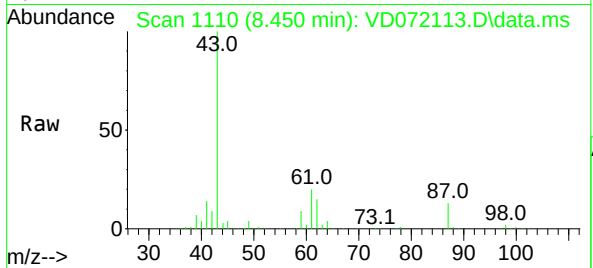




#43
Isopropyl Acetate
Concen: 48.355 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

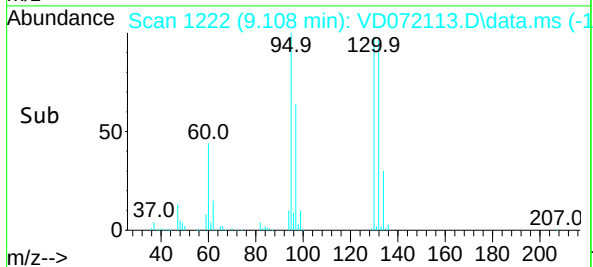
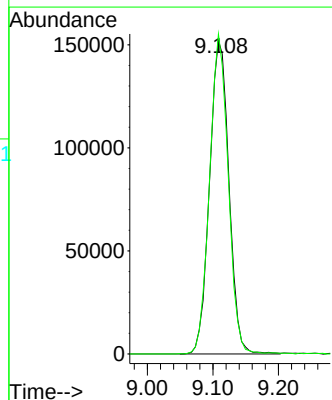
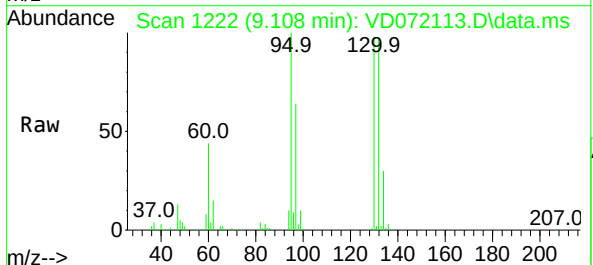
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

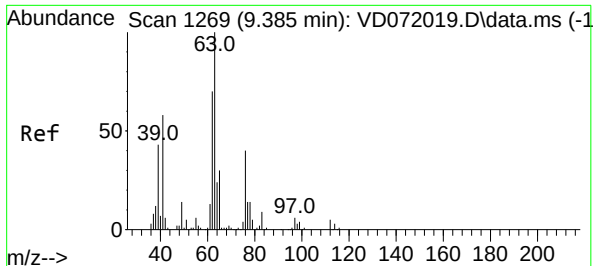
Tgt Ion: 43 Resp: 325722
Ion Ratio Lower Upper
43 100
61 29.7 24.6 37.0
87 13.1 10.1 15.1



#44
Trichloroethene
Concen: 52.040 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:130 Resp: 312206
Ion Ratio Lower Upper
130 100
95 101.9 0.0 199.4





#45

1,2-Dichloropropane

Concen: 50.716 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

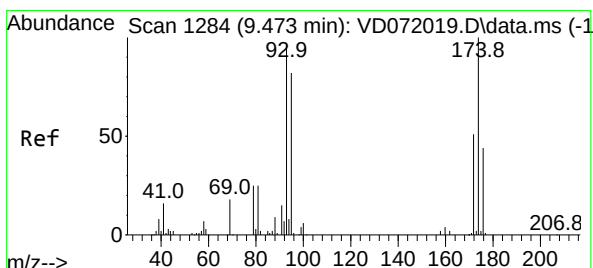
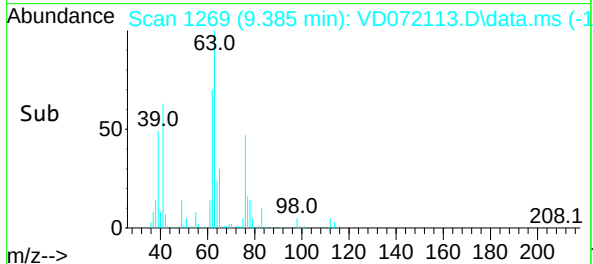
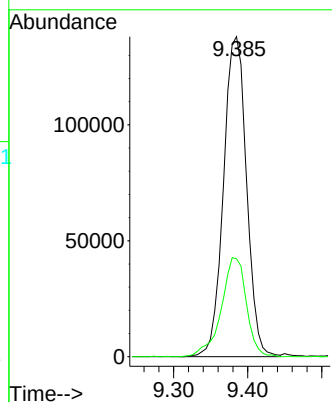
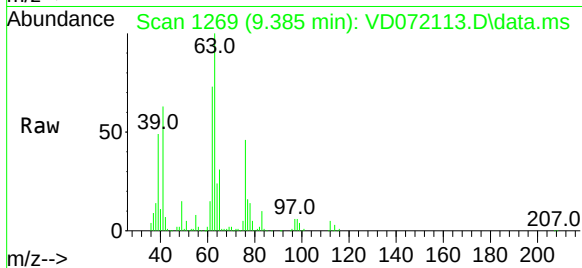
VSTDCCC050

Tgt Ion: 63 Resp: 297779

Ion Ratio Lower Upper

63 100

65 30.6 24.0 36.0



#46

Dibromomethane

Concen: 48.698 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

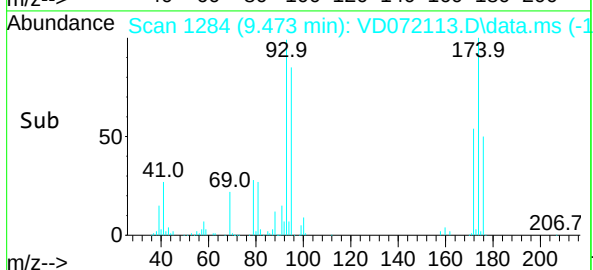
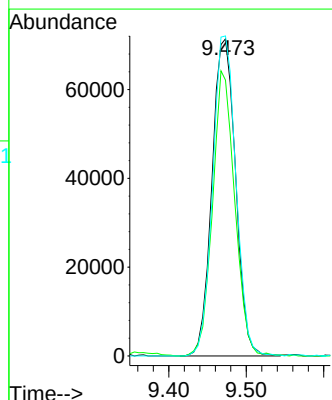
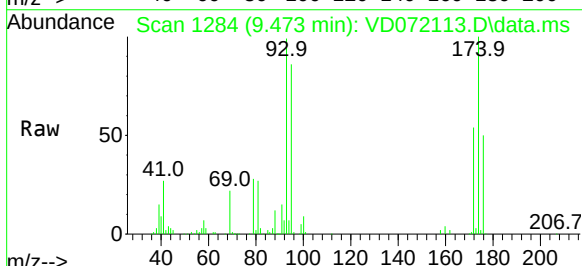
Tgt Ion: 93 Resp: 150895

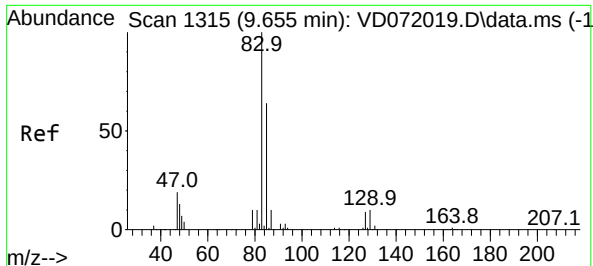
Ion Ratio Lower Upper

93 100

95 84.9 67.5 101.3

174 99.5 80.0 120.0

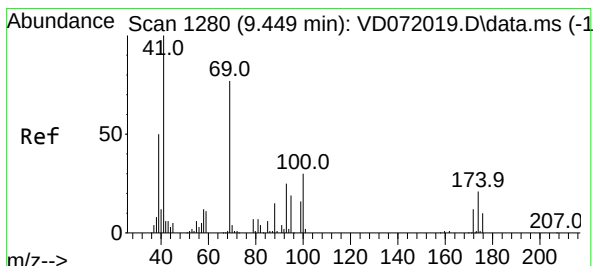
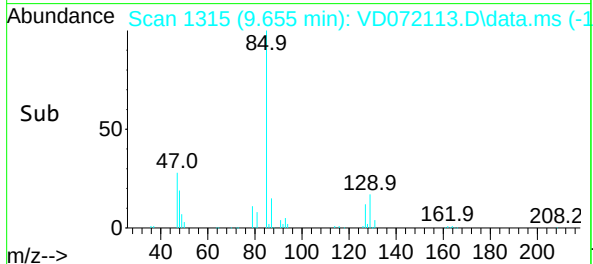
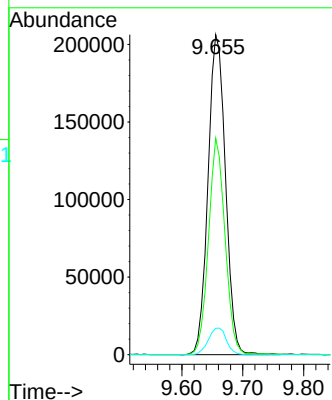
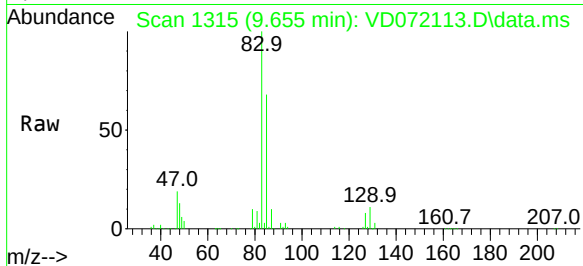




#47
Bromodichloromethane
Concen: 51.439 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

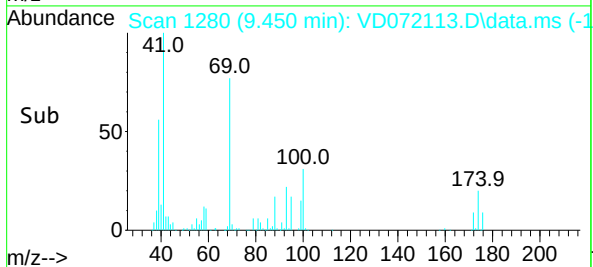
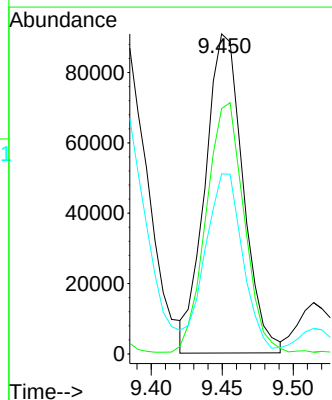
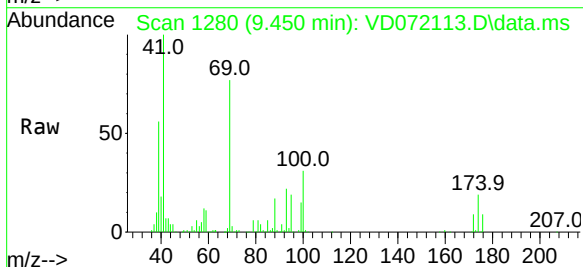
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

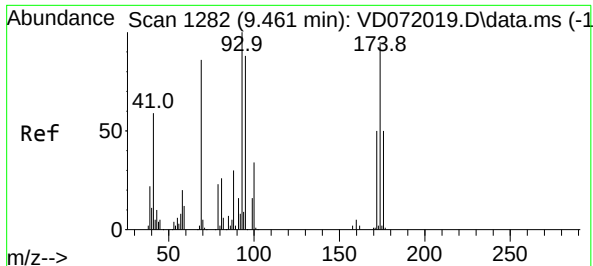
Tgt Ion: 83 Resp: 411158
Ion Ratio Lower Upper
83 100
85 67.6 51.4 77.0
127 8.3 7.0 10.6



#48
Methyl methacrylate
Concen: 49.529 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 41 Resp: 168534
Ion Ratio Lower Upper
41 100
69 80.7 61.6 92.4
39 57.0 38.6 57.8





#49

1,4-Dioxane

Concen: 999.183 ug/l

RT: 9.455 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

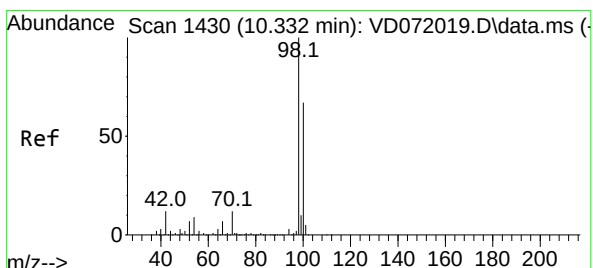
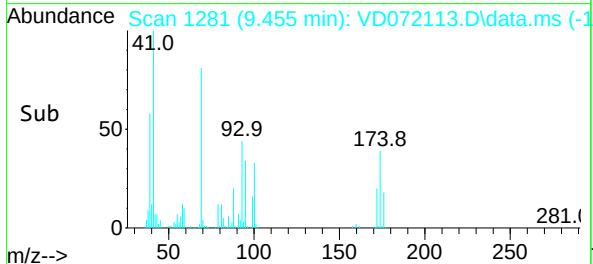
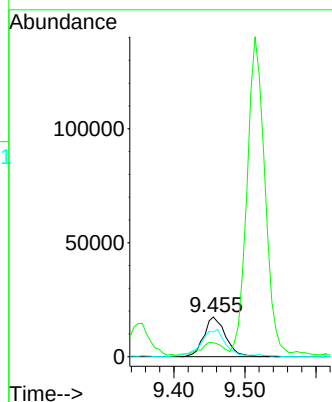
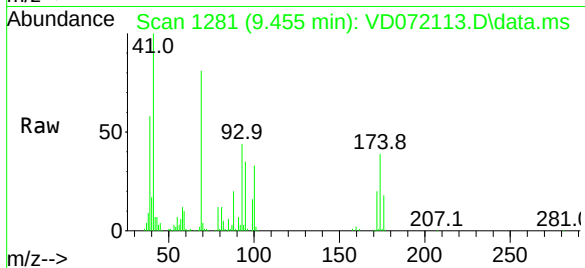
Tgt Ion: 88 Resp: 36728

Ion Ratio Lower Upper

88 100

43 35.9 29.9 44.9

58 77.6 61.0 91.4



#50

Toluene-d8

Concen: 55.415 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072113.D

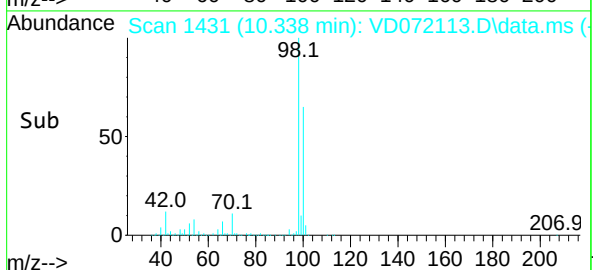
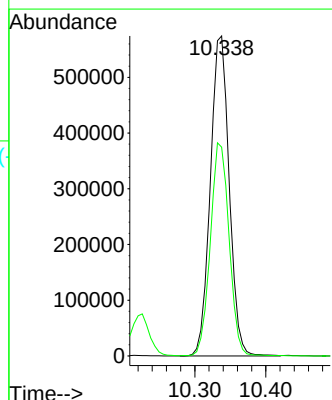
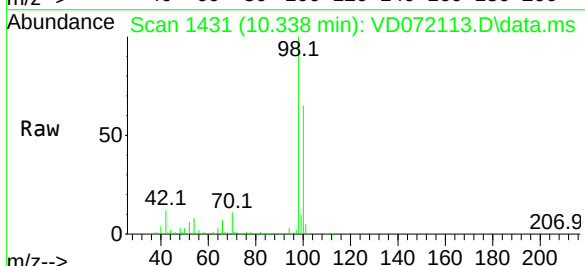
Acq: 28 Feb 2022 09:57

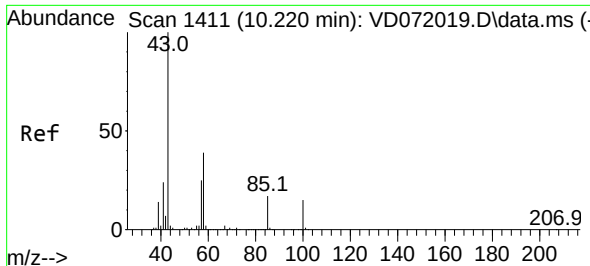
Tgt Ion: 98 Resp: 1058280

Ion Ratio Lower Upper

98 100

100 66.4 53.8 80.6

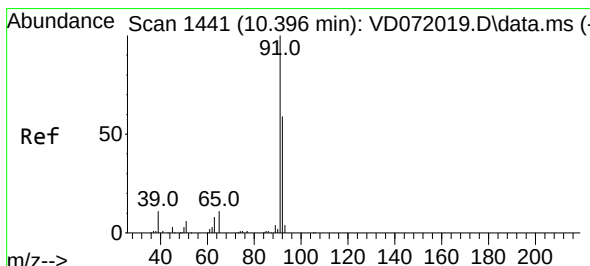
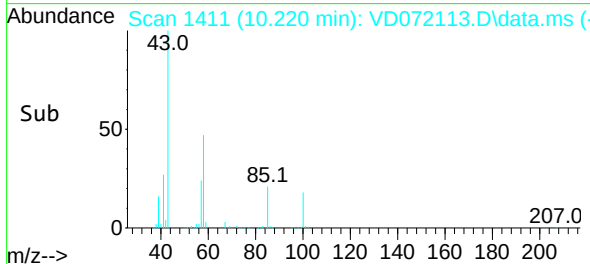
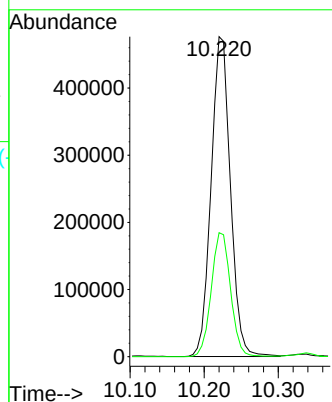
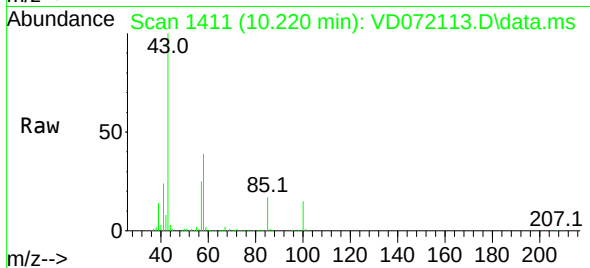




#51
4-Methyl-2-Pentanone
Concen: 241.592 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

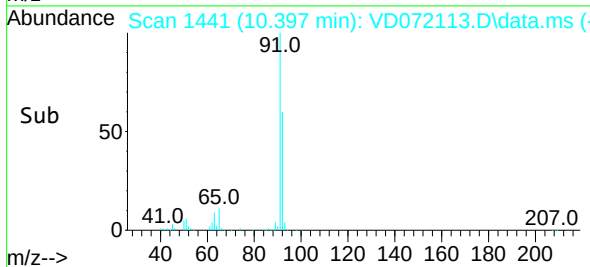
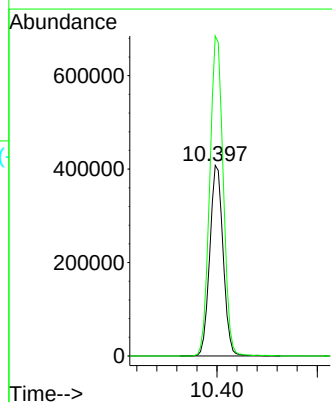
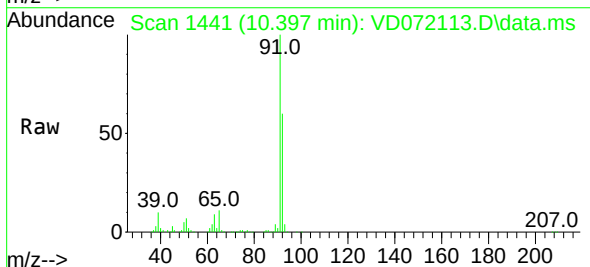
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

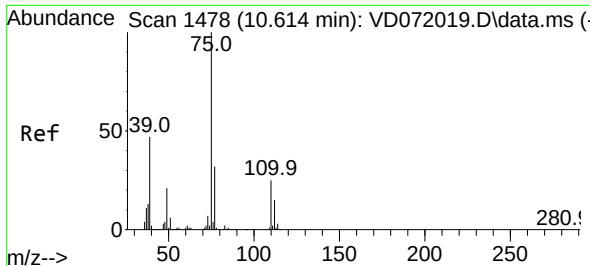
Tgt Ion: 43 Resp: 862463
Ion Ratio Lower Upper
43 100
58 38.8 30.8 46.2



#52
Toluene
Concen: 53.410 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 92 Resp: 752352
Ion Ratio Lower Upper
92 100
91 169.7 135.6 203.4

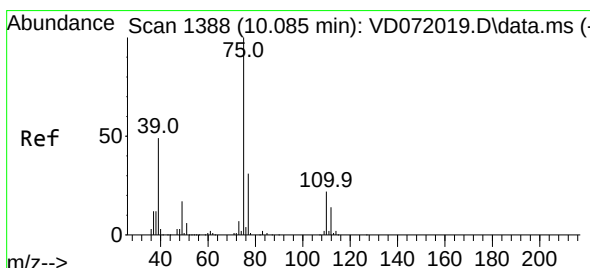
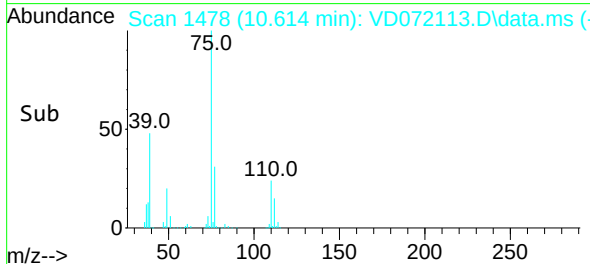
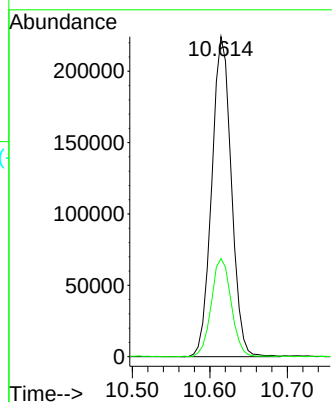
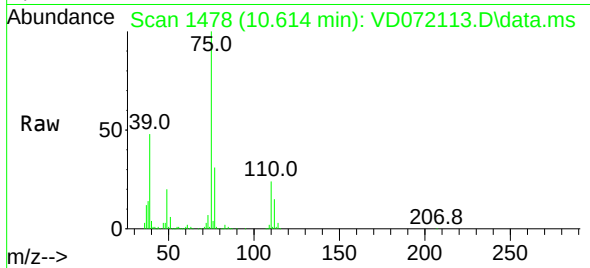




#53
t-1,3-Dichloropropene
Concen: 53.907 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

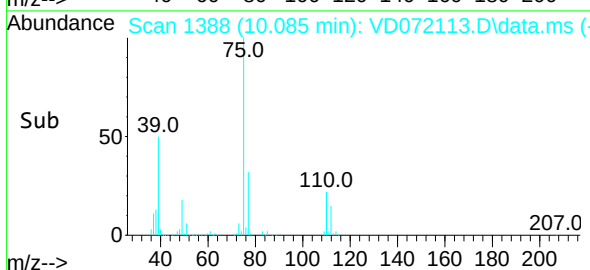
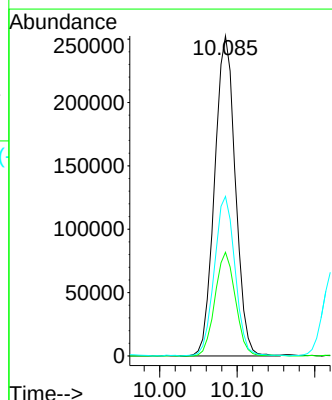
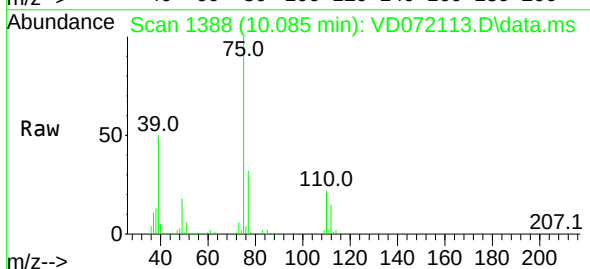
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

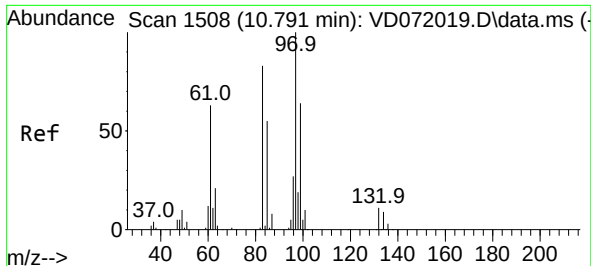
Tgt Ion: 75 Resp: 394063
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 54.210 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 75 Resp: 469023
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1
39 49.9 39.1 58.7

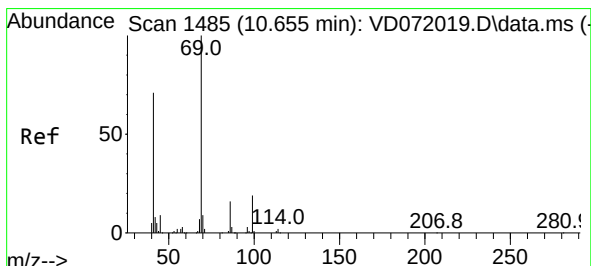
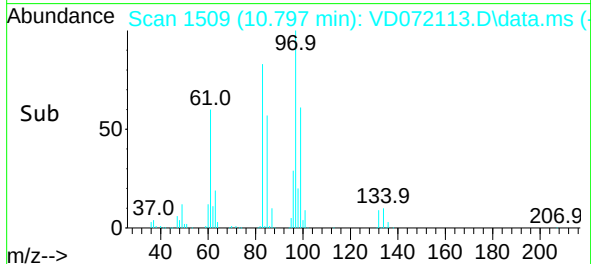
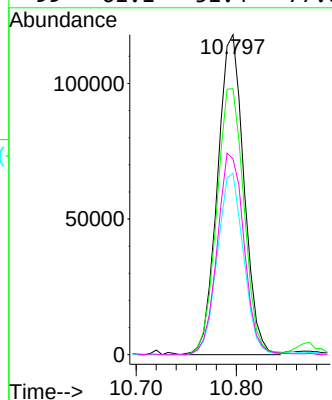
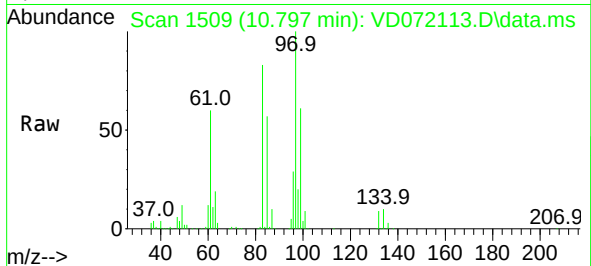




#55
1,1,2-Trichloroethane
Concen: 49.384 ug/l
RT: 10.797 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

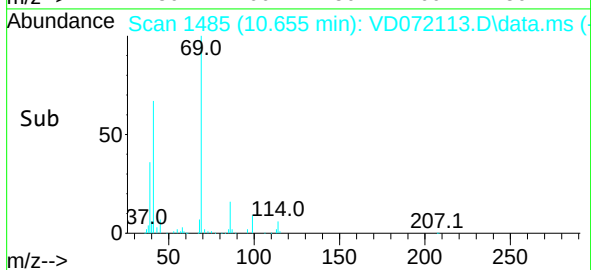
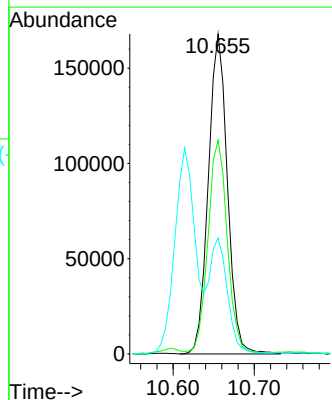
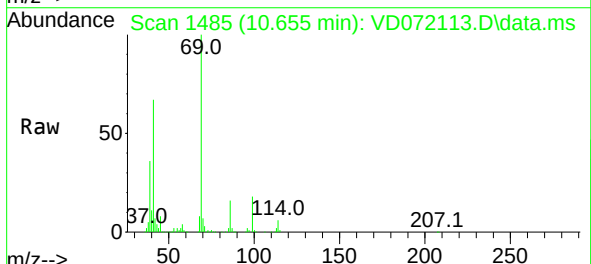
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

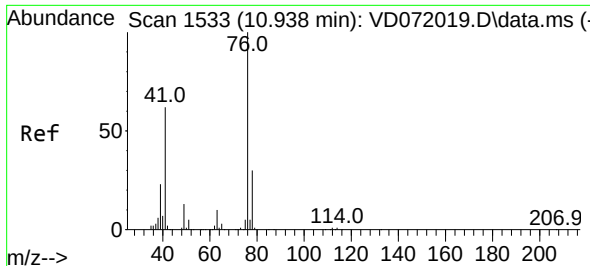
Tgt Ion:	97	Resp:	215340
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.2	99.4
85	56.7	43.7	65.5
99	61.1	51.4	77.0



#56
Ethyl methacrylate
Concen: 52.622 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:	69	Resp:	274014
Ion	Ratio	Lower	Upper
69	100		
41	67.3	56.8	85.2
39	33.6	28.2	42.4

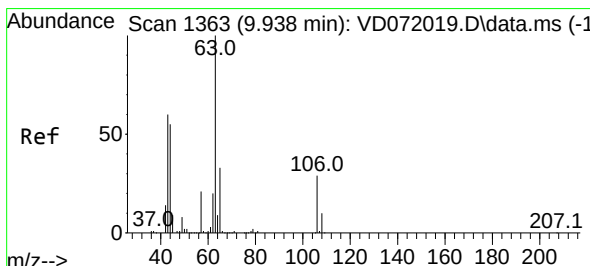
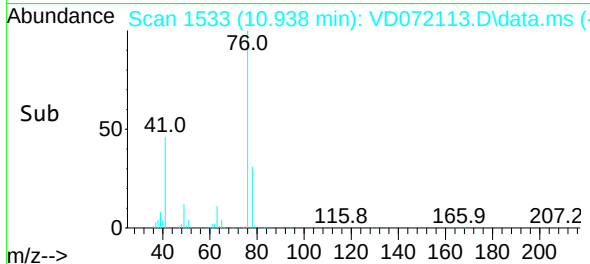
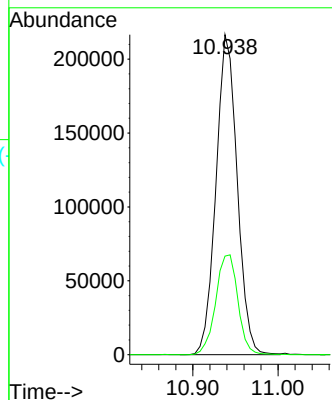
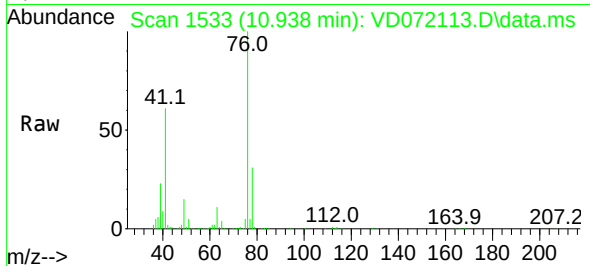




#57
1,3-Dichloropropane
Concen: 49.638 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

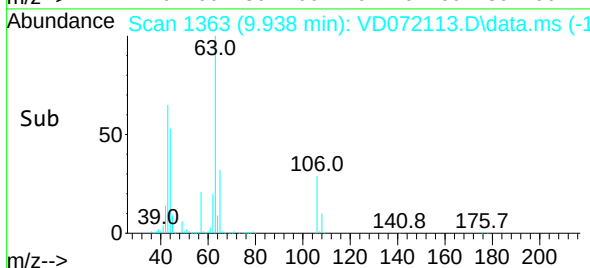
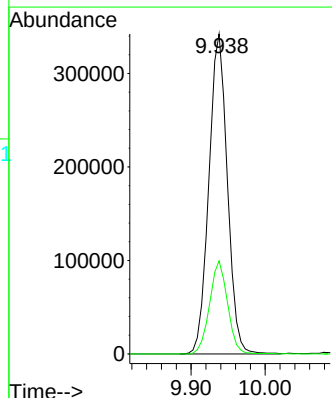
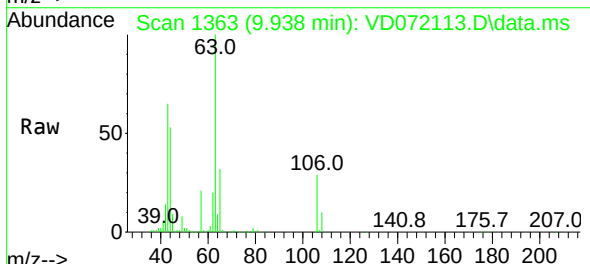
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

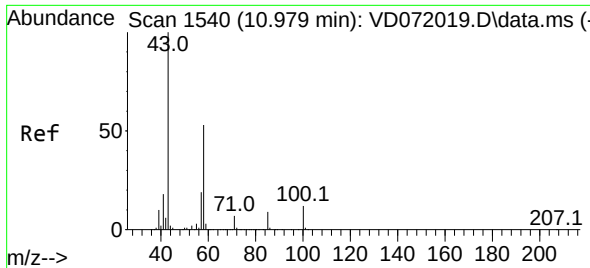
Tgt Ion: 76 Resp: 374102
Ion Ratio Lower Upper
76 100
78 32.6 25.4 38.0



#58
2-Chloroethyl Vinyl ether
Concen: 254.190 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 63 Resp: 592157
Ion Ratio Lower Upper
63 100
106 28.3 22.6 33.8

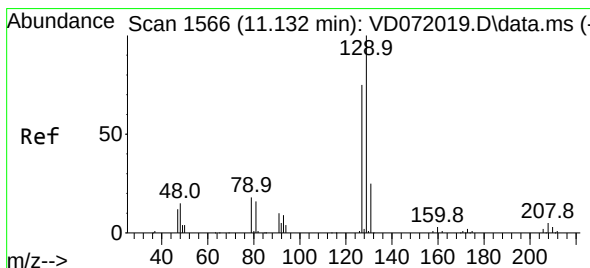
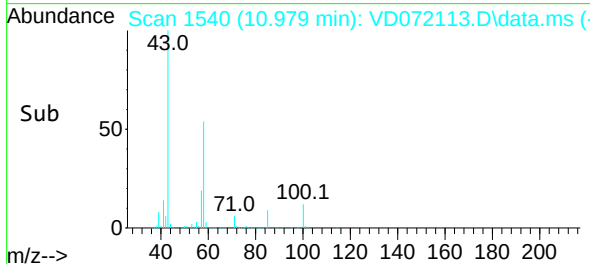
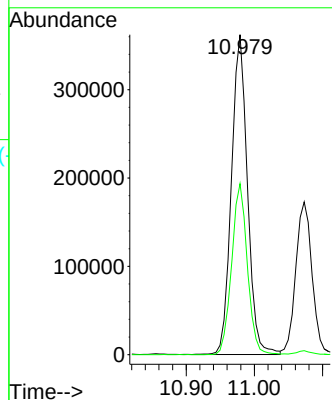
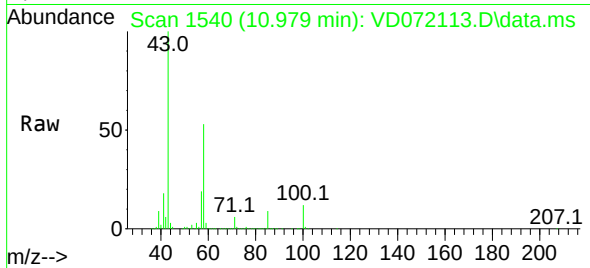




#59
2-Hexanone
Concen: 243.441 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

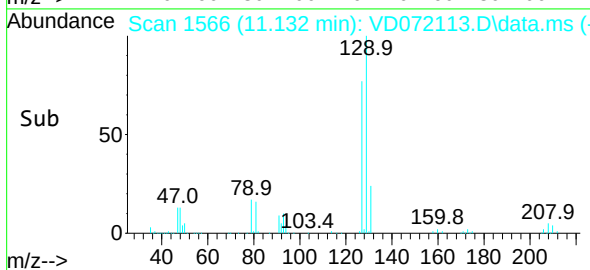
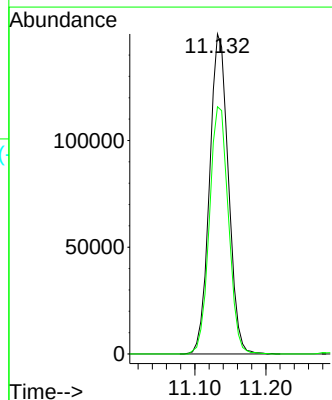
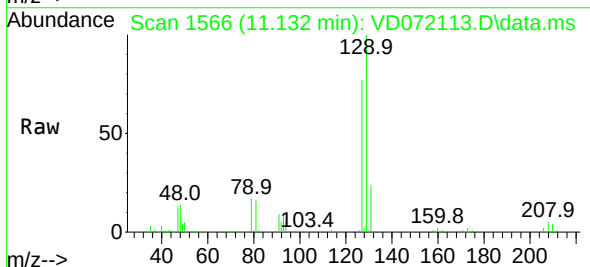
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

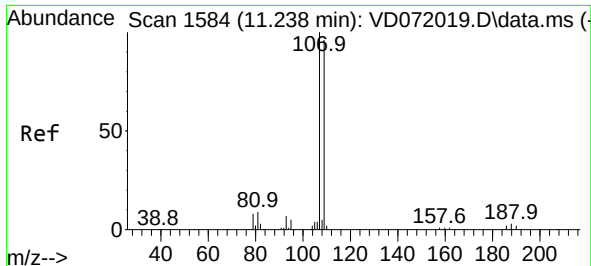
Tgt Ion: 43 Resp: 592778
Ion Ratio Lower Upper
43 100
58 52.4 27.0 80.8



#60
Dibromochloromethane
Concen: 50.635 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 129 Resp: 275724
Ion Ratio Lower Upper
129 100
127 78.1 37.6 112.9

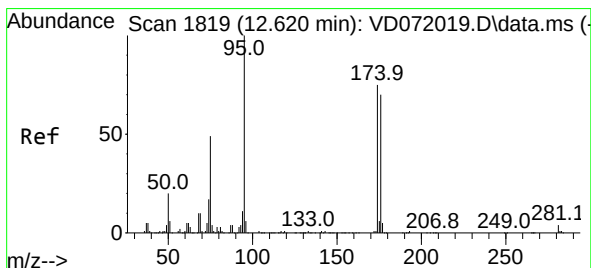
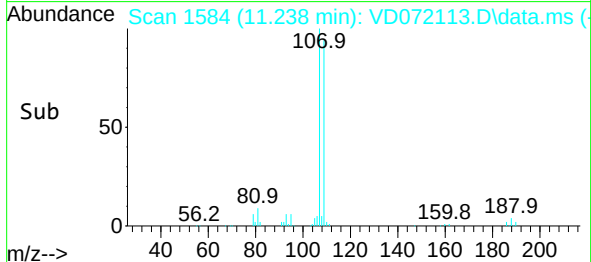
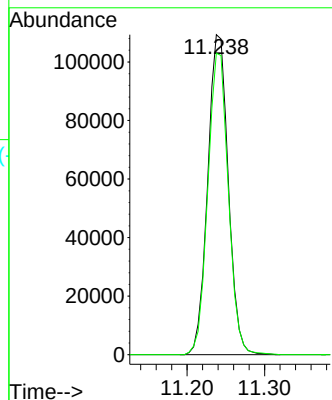
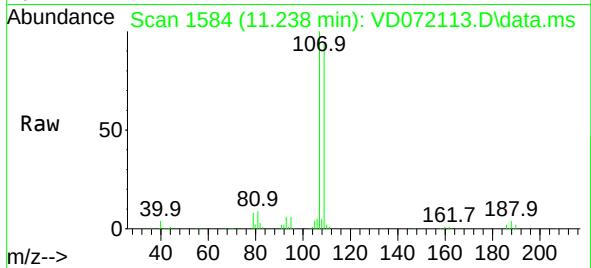




#61
1,2-Dibromoethane
Concen: 48.303 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

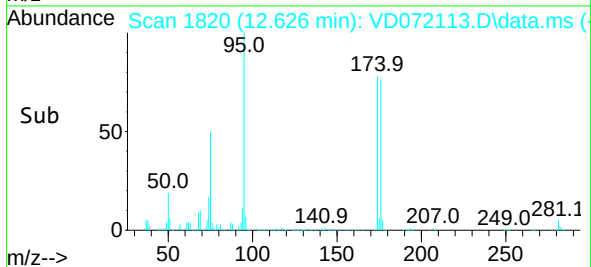
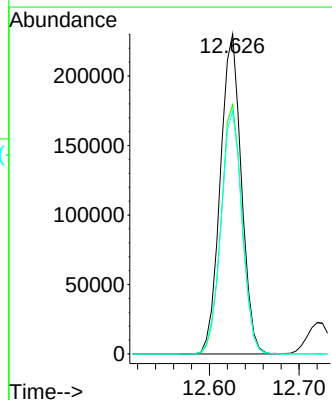
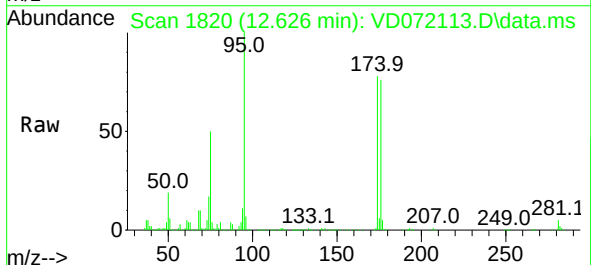
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

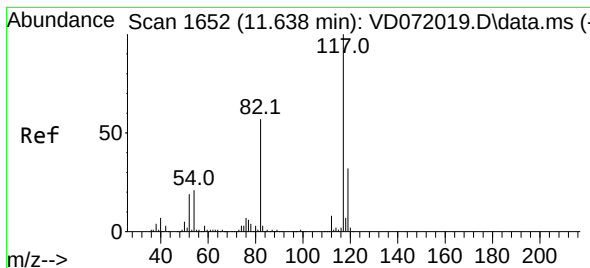
Tgt Ion:107 Resp: 201276
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 53.335 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 95 Resp: 374144
Ion Ratio Lower Upper
95 100
174 77.3 0.0 155.0
176 76.4 0.0 148.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

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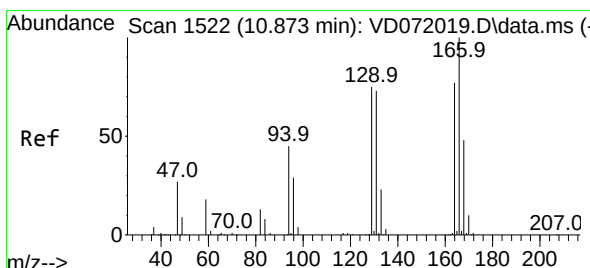
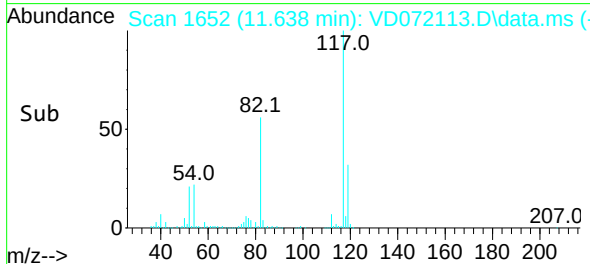
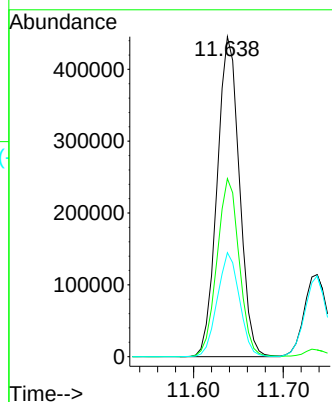
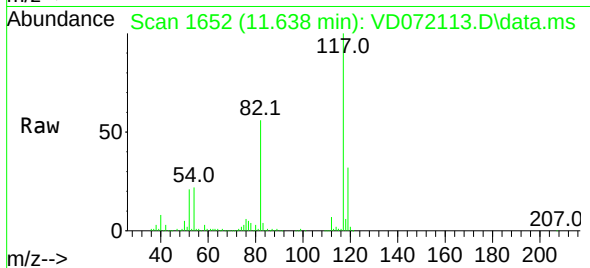
Tgt Ion:117 Resp: 768125

Ion Ratio Lower Upper

117 100

82 55.7 45.4 68.0

119 32.5 25.4 38.2



#64

Tetrachloroethene

Concen: 54.835 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Tgt Ion:164 Resp: 265920

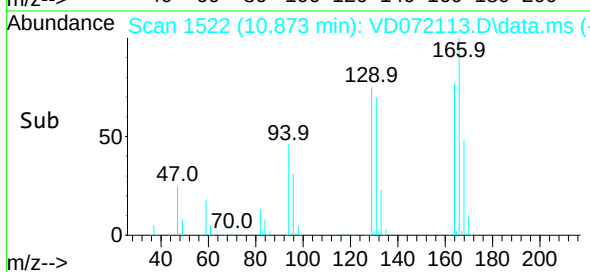
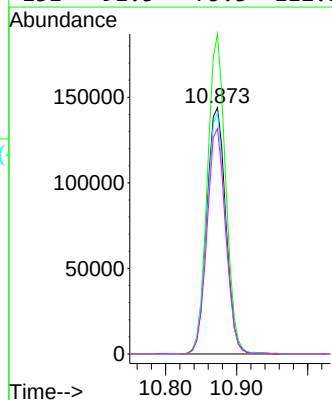
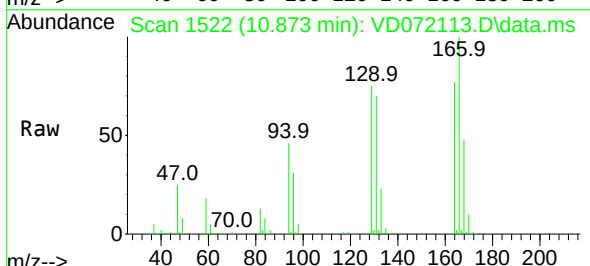
Ion Ratio Lower Upper

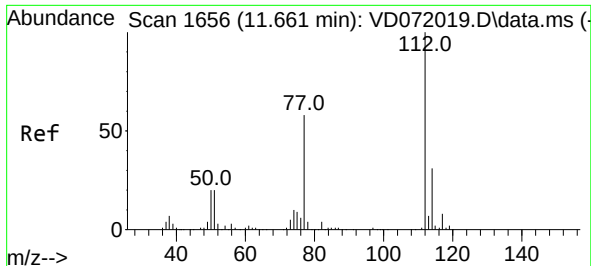
164 100

166 130.0 103.4 155.2

129 98.0 77.8 116.6

131 91.5 75.3 112.9

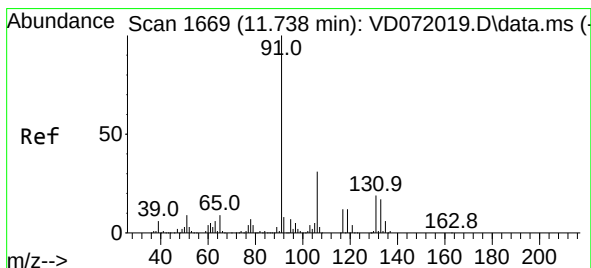
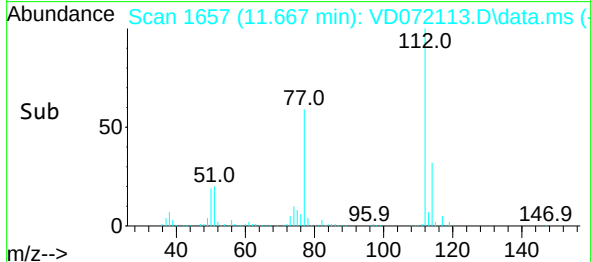
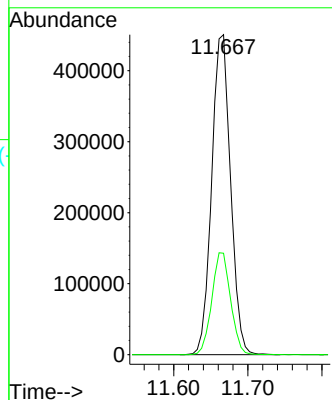
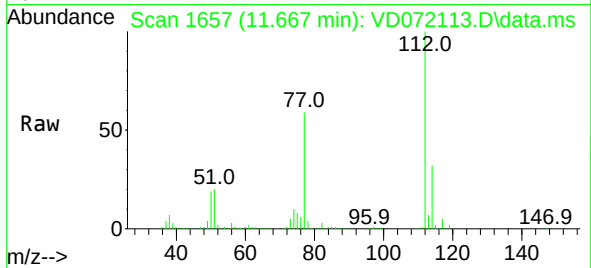




#65
Chlorobenzene
Concen: 53.485 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

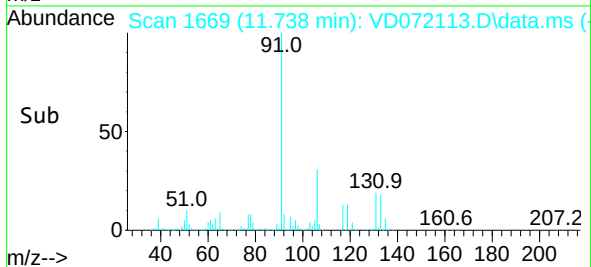
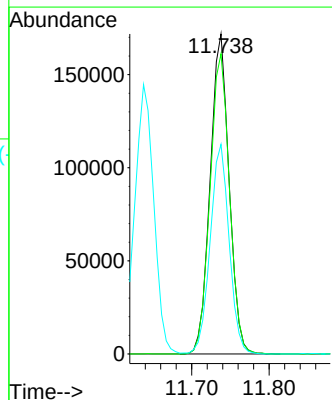
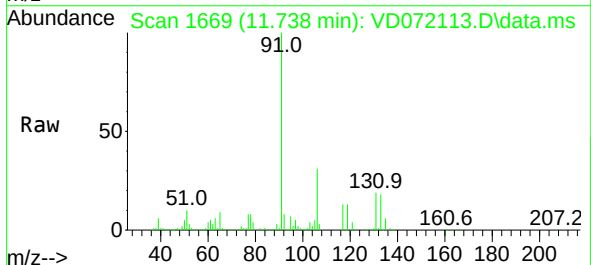
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

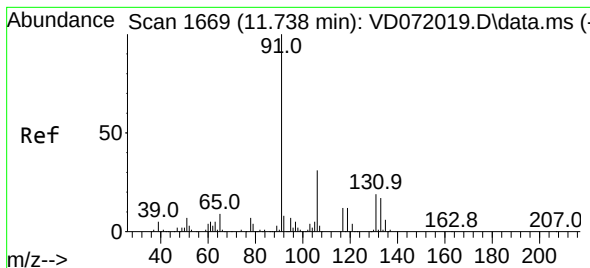
Tgt Ion:112 Resp: 796237
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.845 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:131 Resp: 291982
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 65.7 32.8 98.3

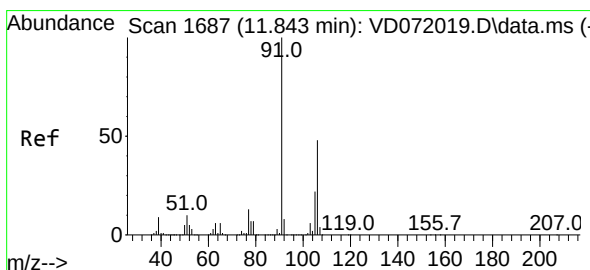
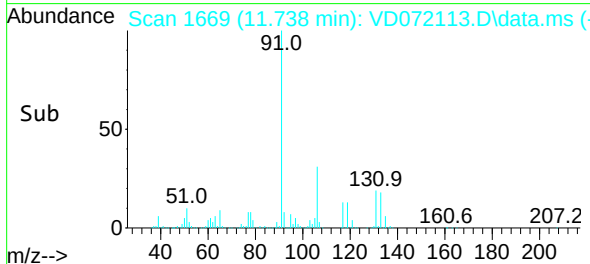
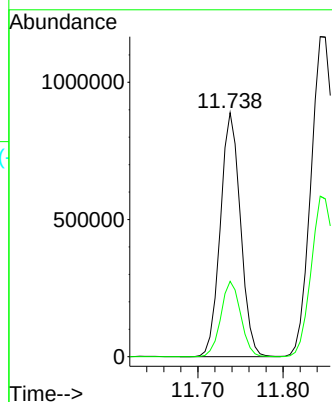
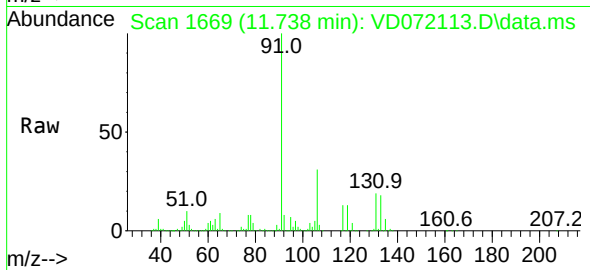




#67
Ethyl Benzene
Concen: 55.826 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

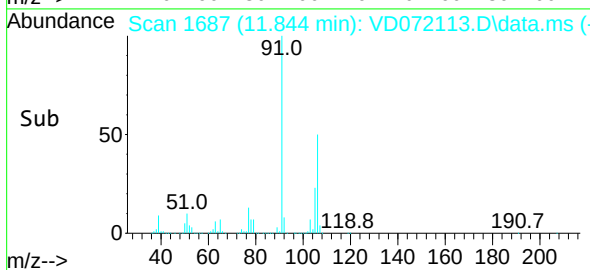
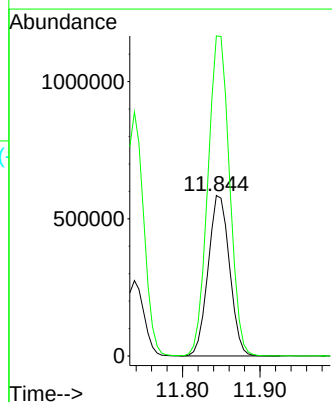
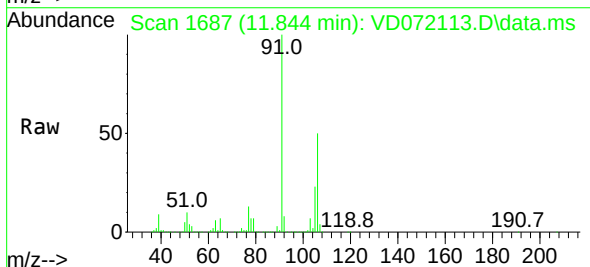
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

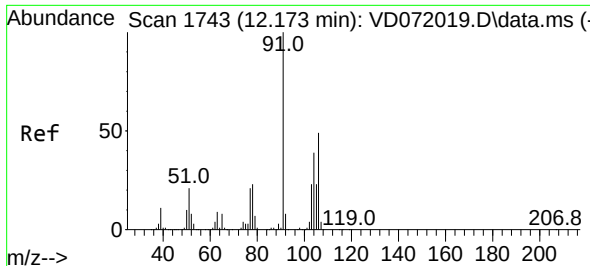
Tgt Ion: 91 Resp: 1461368
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 112.028 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:106 Resp: 1122618
Ion Ratio Lower Upper
106 100
91 201.9 162.6 243.8

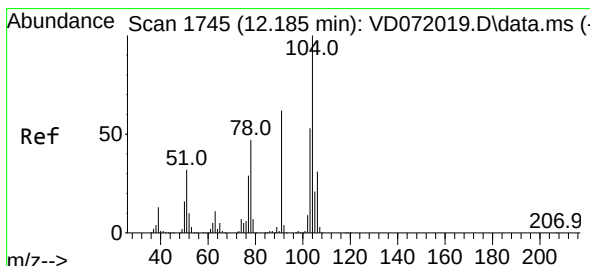
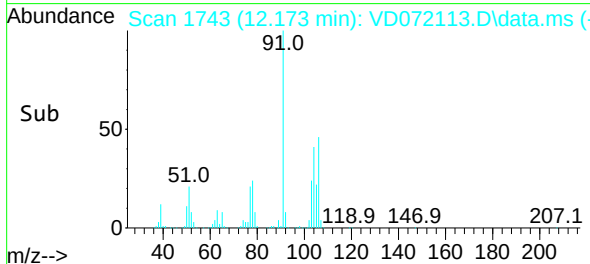
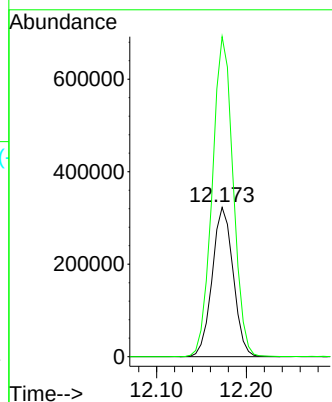
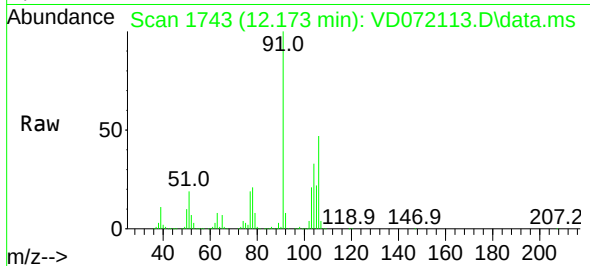




#69
o-Xylene
Concen: 55.640 ug/l
RT: 12.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

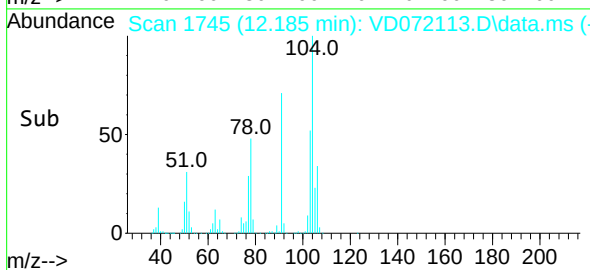
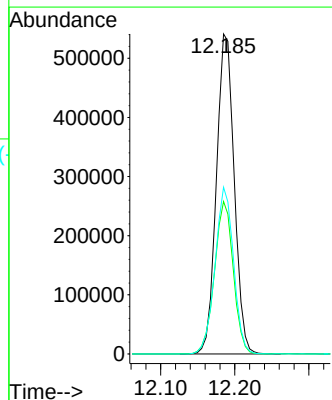
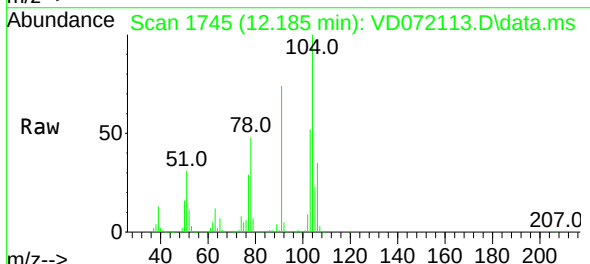
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

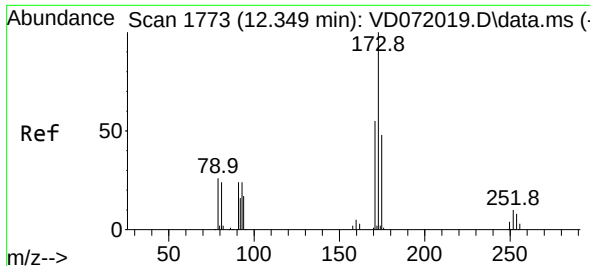
Tgt Ion:106 Resp: 524496
Ion Ratio Lower Upper
106 100
91 213.7 106.0 317.9



#70
Styrene
Concen: 55.859 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:104 Resp: 903631
Ion Ratio Lower Upper
104 100
78 50.2 40.1 60.1
103 54.2 43.7 65.5

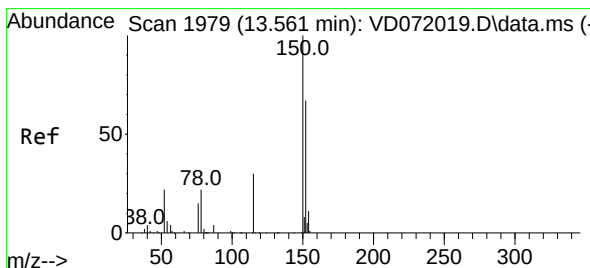
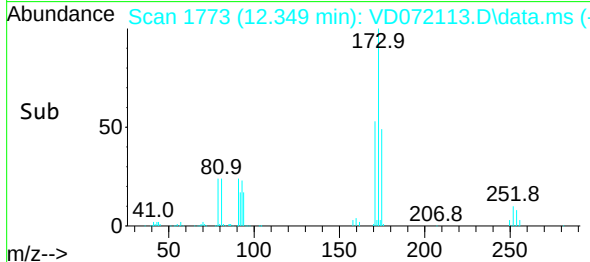
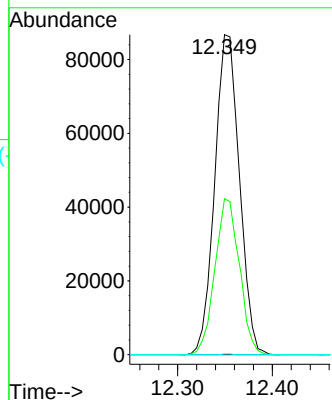
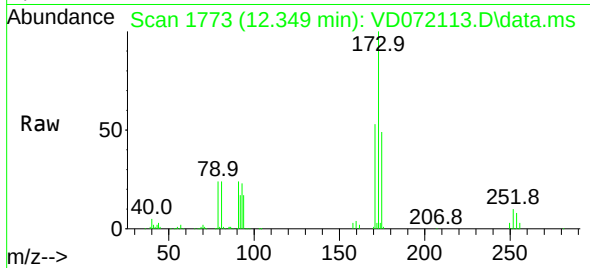




#71
Bromoform
Concen: 49.672 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

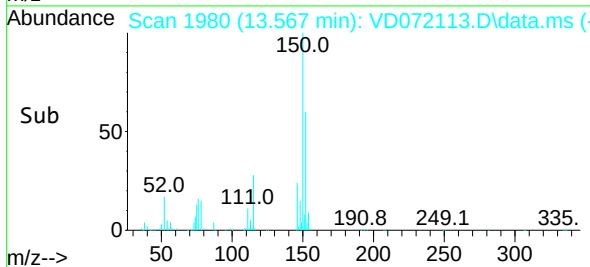
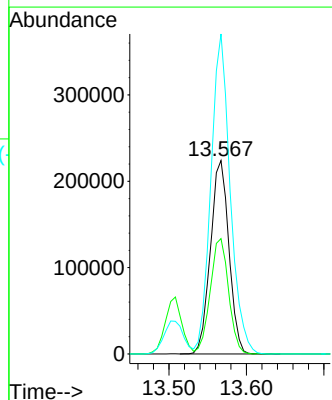
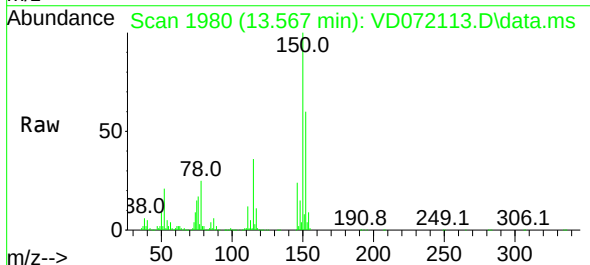
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

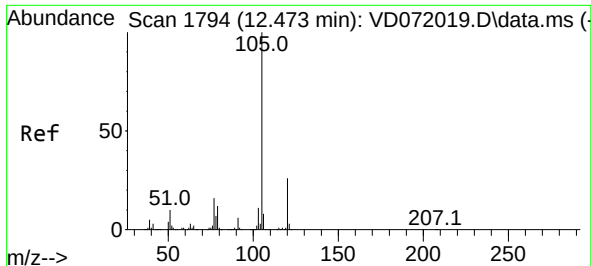
Tgt Ion:173 Resp: 157403
Ion Ratio Lower Upper
173 100
175 48.3 25.0 75.0
255 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:152 Resp: 370347
Ion Ratio Lower Upper
152 100
115 59.6 29.9 89.7
150 172.8 0.0 347.6

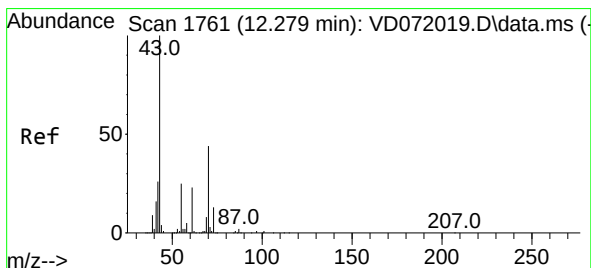
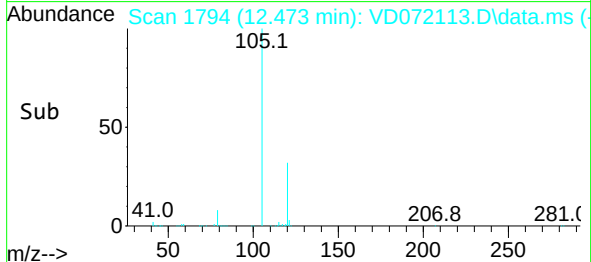
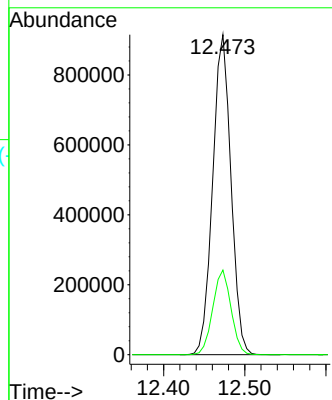
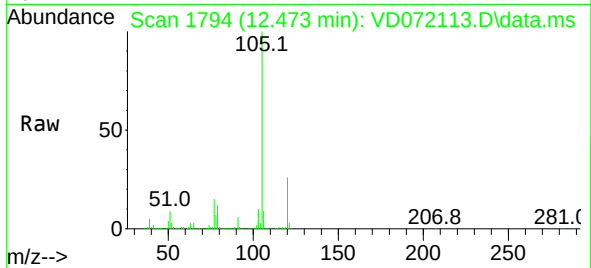




#73
Isopropylbenzene
Concen: 56.293 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

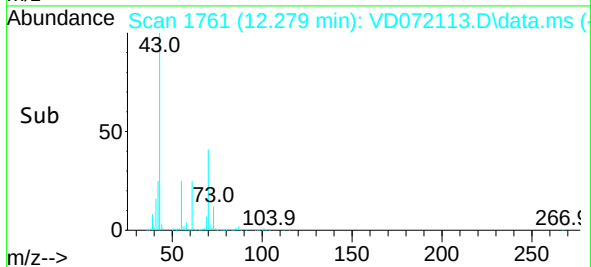
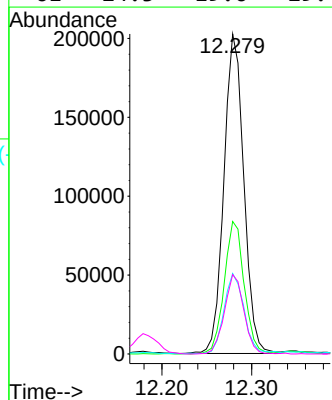
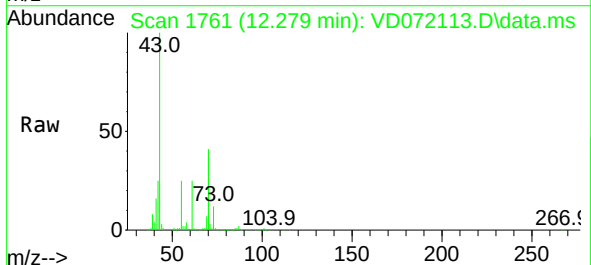
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

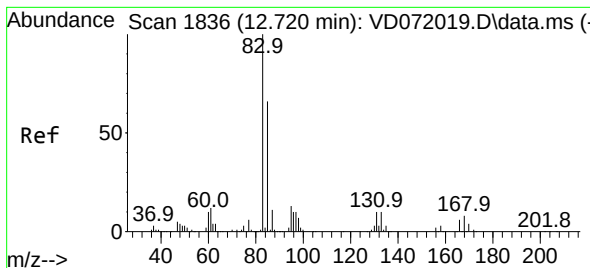
Tgt Ion:105 Resp: 1431427
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 50.835 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 43 Resp: 312134
Ion Ratio Lower Upper
43 100
70 41.8 33.2 49.8
55 25.5 20.6 30.8
61 24.3 19.6 29.4

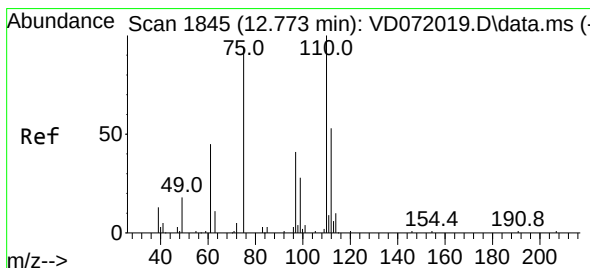
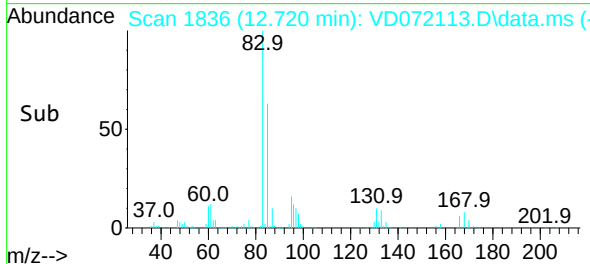
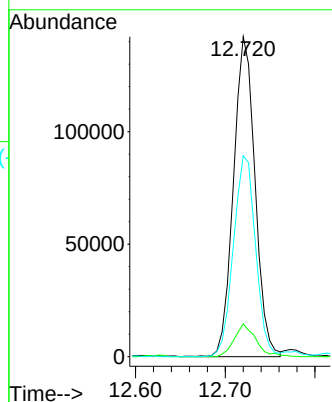
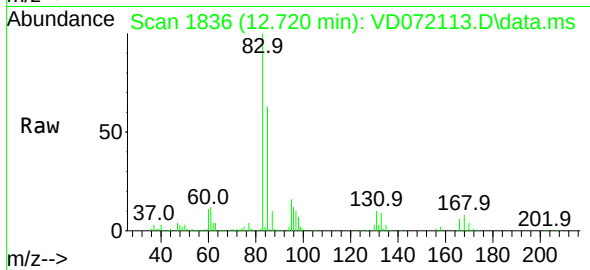




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.210 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD072113.D
 Acq: 28 Feb 2022 09:57

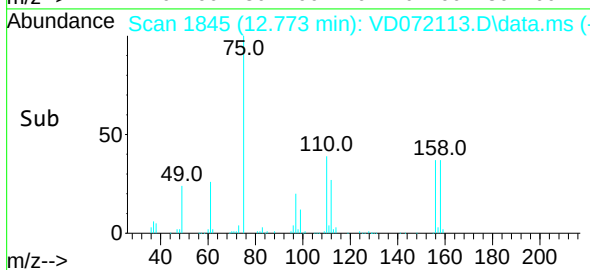
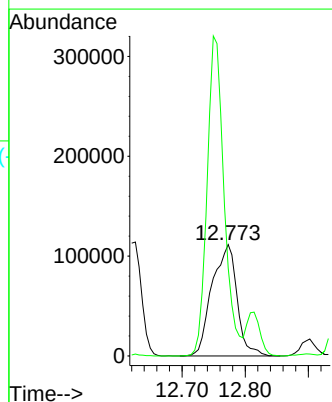
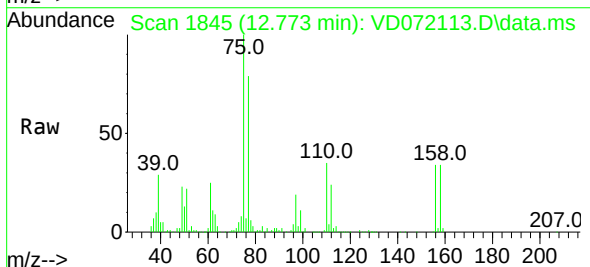
Instrument :
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 ClientSampleId :
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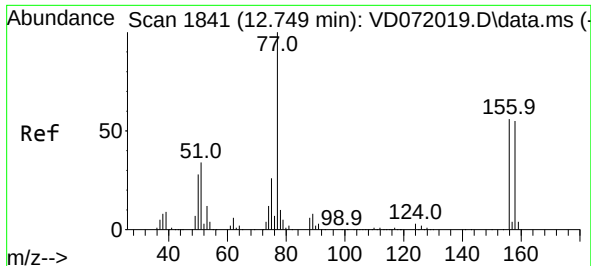
Tgt Ion: 83 Resp: 237345
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.1 15.4
 85 64.6 32.4 97.2



#76
 1,2,3-Trichloropropane
 Concen: 87.446 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD072113.D
 Acq: 28 Feb 2022 09:57

Tgt Ion: 75 Resp: 306761
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

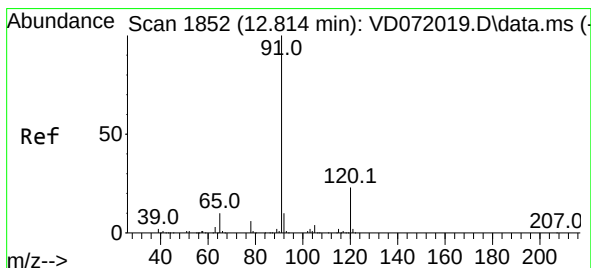
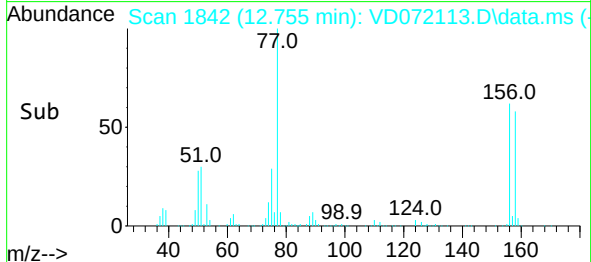
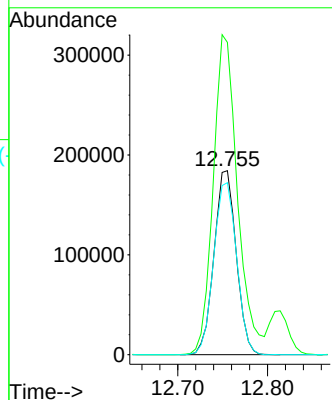
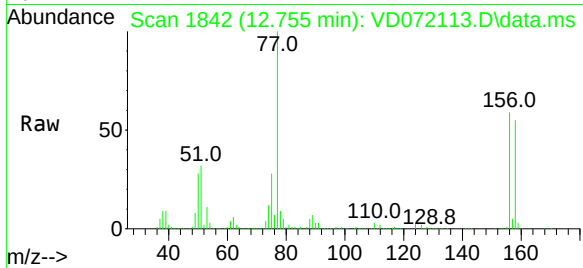




#77
Bromobenzene
Concen: 53.169 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

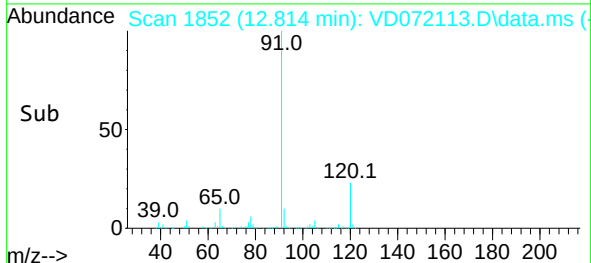
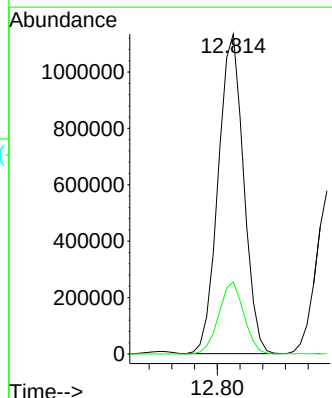
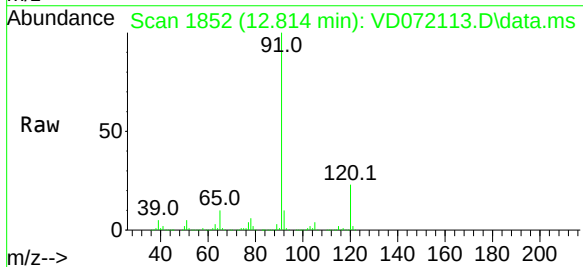
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MSVOA_D
ClientSampleId :
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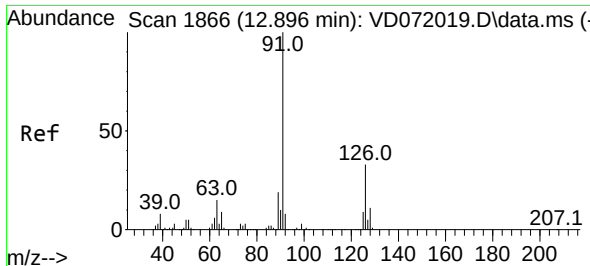
Tgt Ion:156 Resp: 316604
Ion Ratio Lower Upper
156 100
77 190.3 93.6 280.8
158 96.6 47.7 143.1



#78
n-propylbenzene
Concen: 56.282 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 91 Resp: 1759082
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5

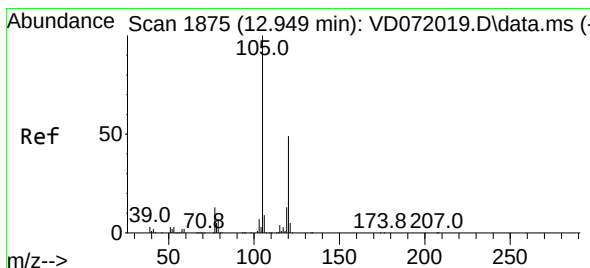
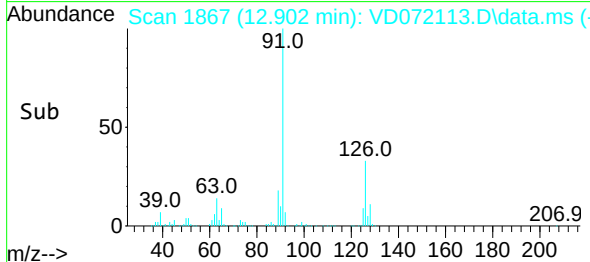
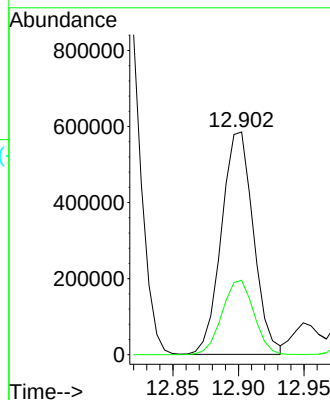
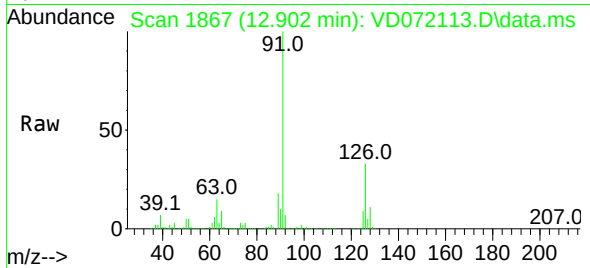




#79
2-Chlorotoluene
Concen: 54.966 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

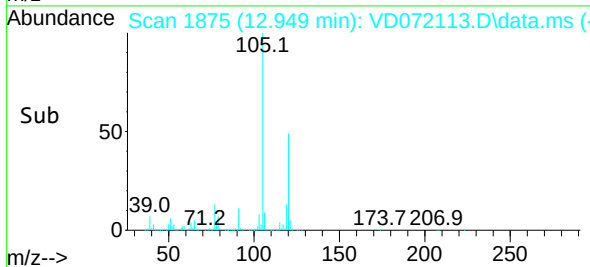
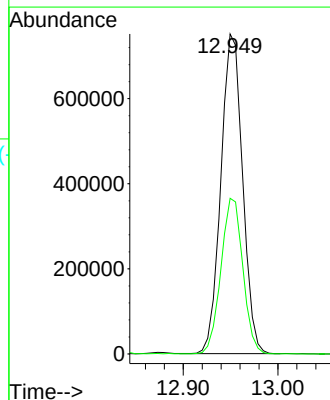
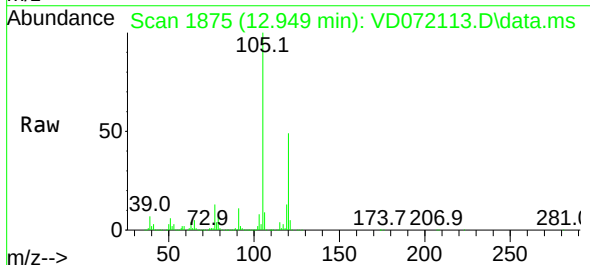
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

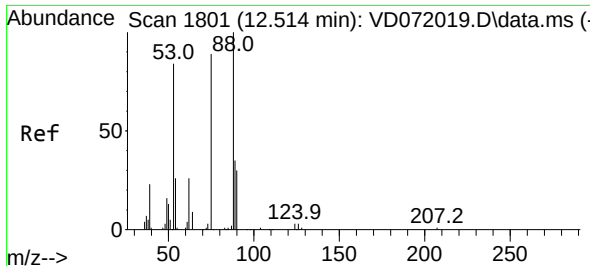
Tgt Ion: 91 Resp: 994313
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 56.374 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 105 Resp: 1196986
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7

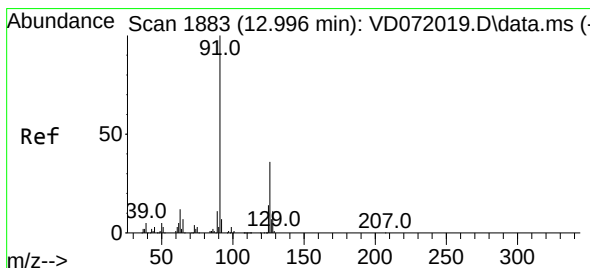
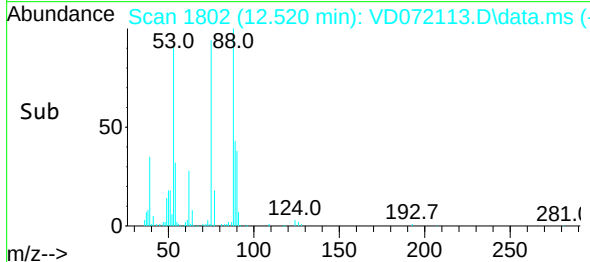
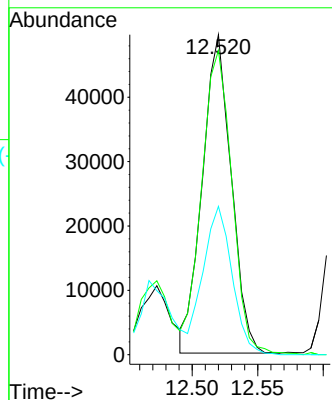
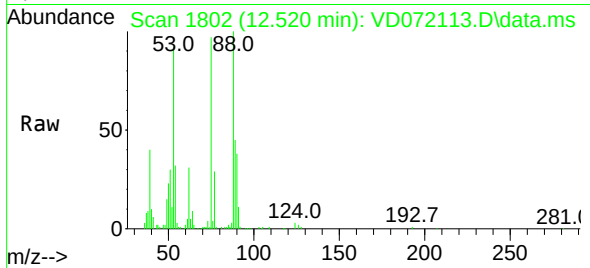




#81
trans-1,4-Dichloro-2-butene
Concen: 54.224 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

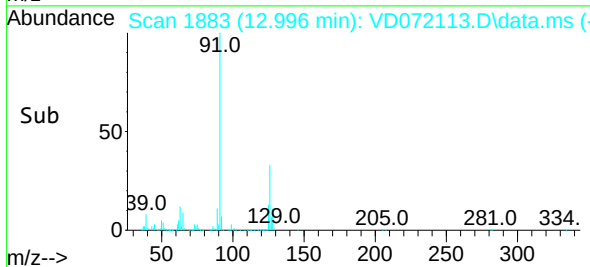
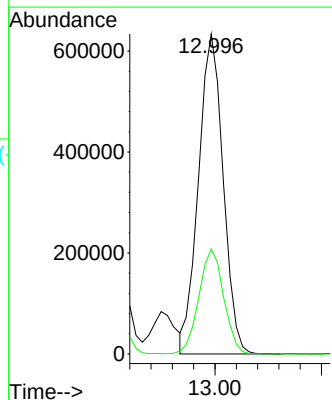
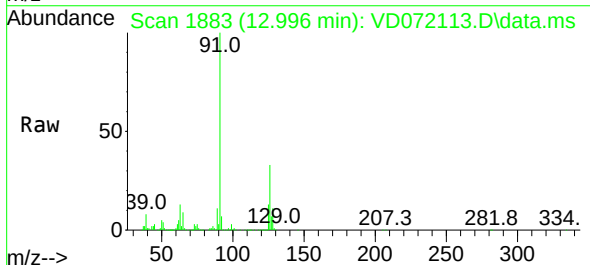
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

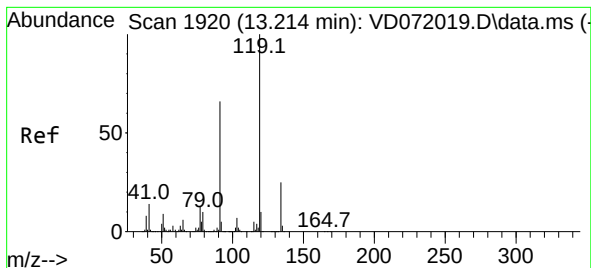
Tgt Ion: 75 Resp: 75960
Ion Ratio Lower Upper
75 100
53 100.5 80.2 120.4
89 46.5 36.4 54.6



#82
4-Chlorotoluene
Concen: 54.063 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 91 Resp: 1017866
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.6





#83

tert-Butylbenzene

Concen: 57.190 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

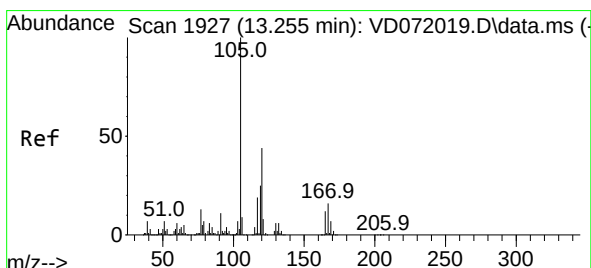
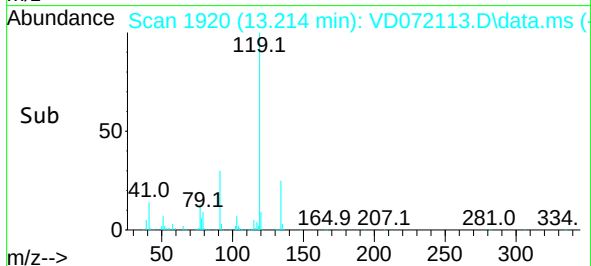
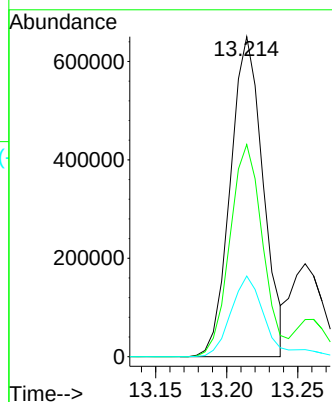
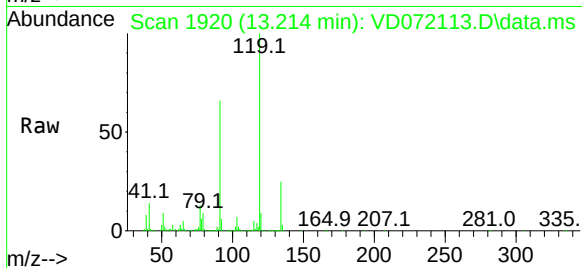
Tgt Ion:119 Resp: 1043322

Ion Ratio Lower Upper

119 100

91 66.9 32.5 97.5

134 26.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 56.737 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.006 min

Lab File: VD072113.D

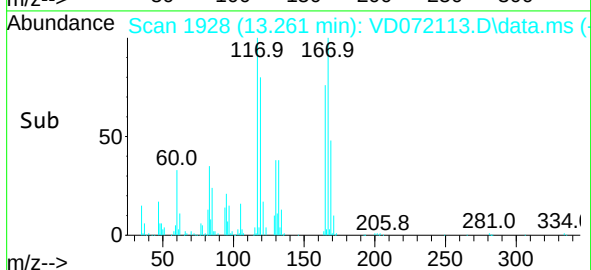
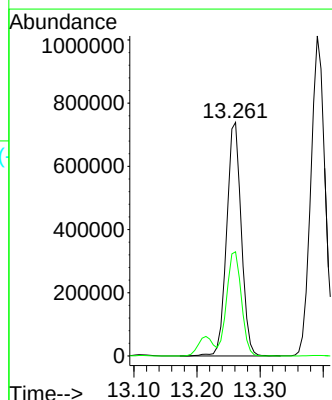
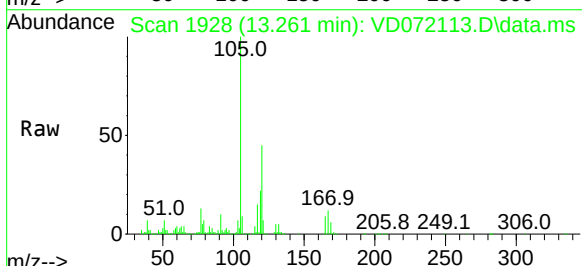
Acq: 28 Feb 2022 09:57

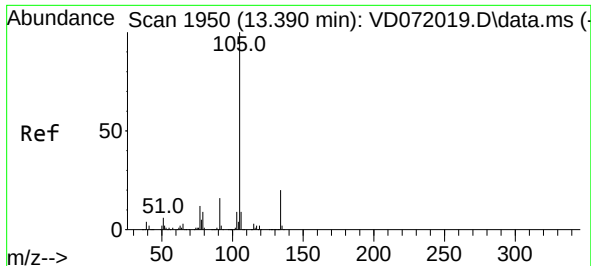
Tgt Ion:105 Resp: 1184259

Ion Ratio Lower Upper

105 100

120 44.8 22.4 67.3

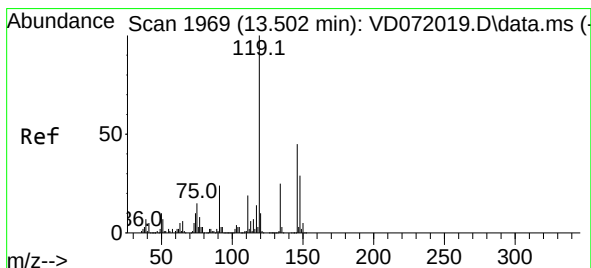
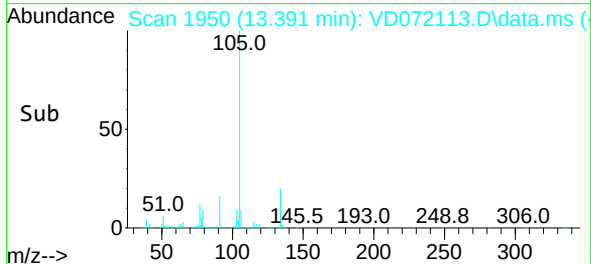
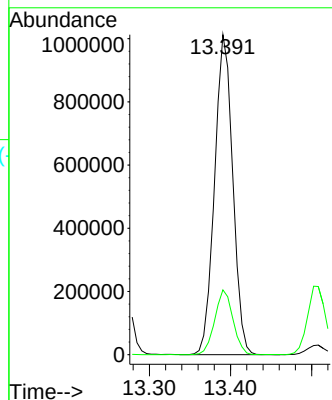
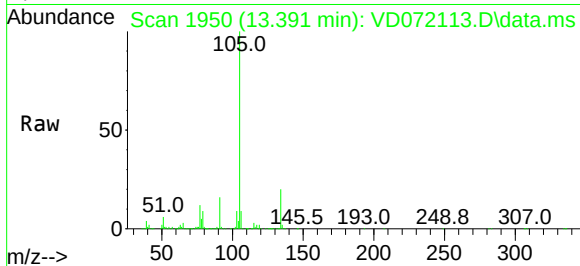




#85
 sec-Butylbenzene
 Concen: 56.712 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072113.D
 Acq: 28 Feb 2022 09:57

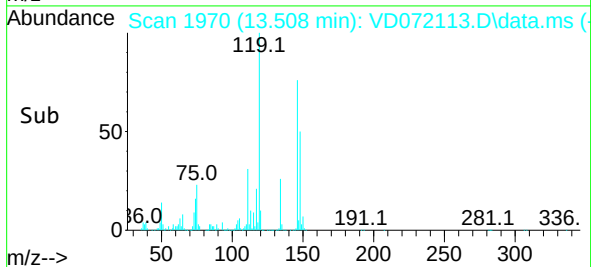
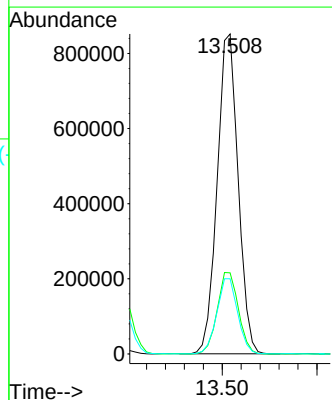
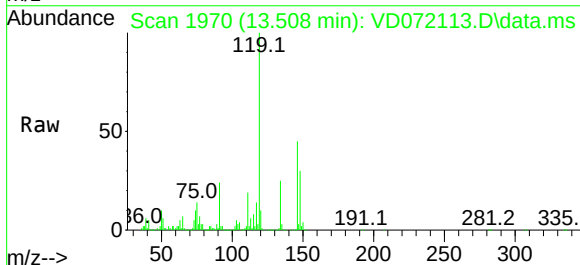
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

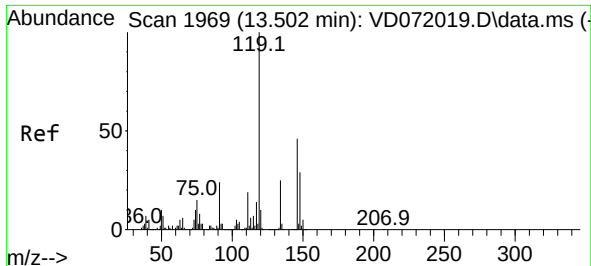
Tgt Ion:105 Resp: 1576027
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 57.198 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.006 min
 Lab File: VD072113.D
 Acq: 28 Feb 2022 09:57

Tgt Ion:119 Resp: 1307399
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 52.738 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

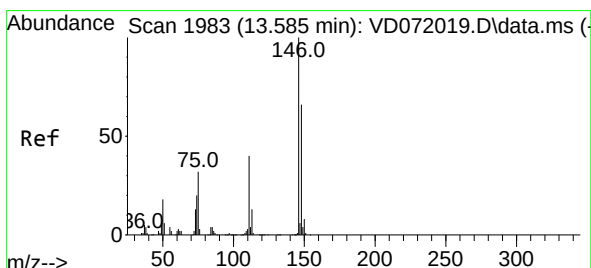
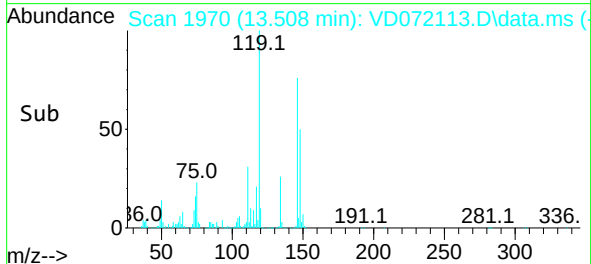
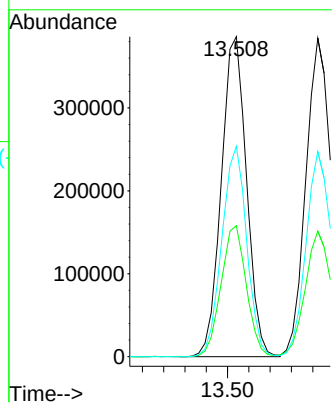
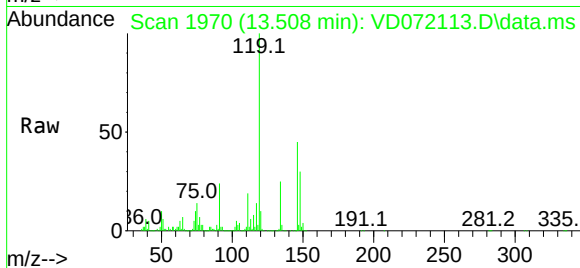
Tgt Ion:146 Resp: 634817

Ion Ratio Lower Upper

146 100

111 41.0 20.0 59.9

148 64.7 31.1 93.2



#88

1,4-Dichlorobenzene

Concen: 51.873 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072113.D

Acq: 28 Feb 2022 09:57

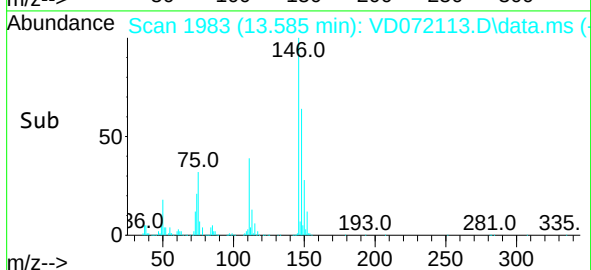
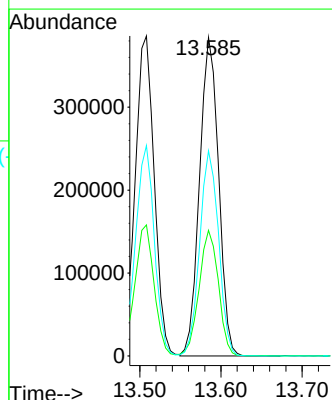
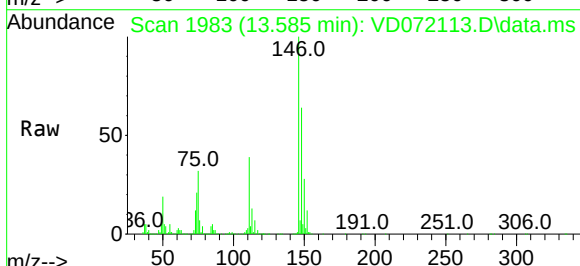
Tgt Ion:146 Resp: 627404

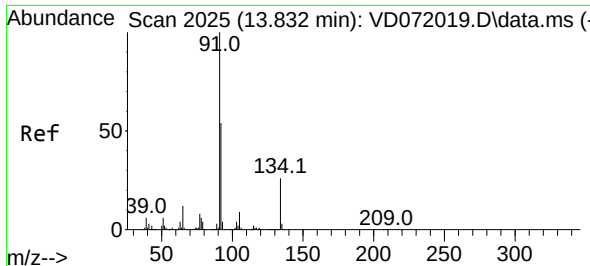
Ion Ratio Lower Upper

146 100

111 39.8 20.1 60.2

148 63.9 32.5 97.5

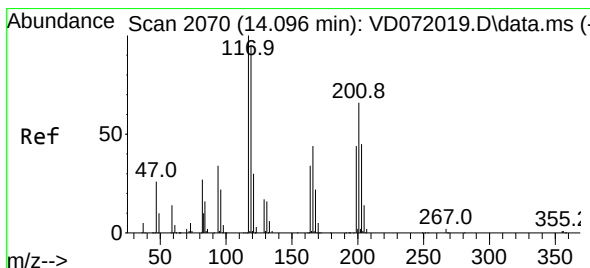
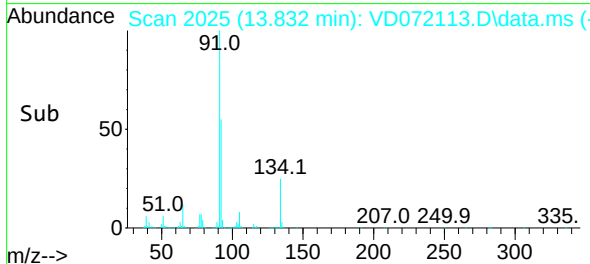
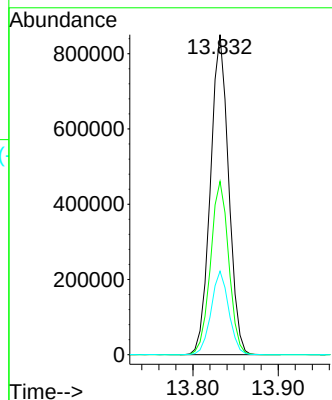
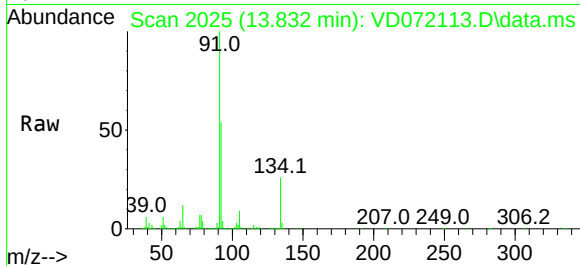




#89
n-Butylbenzene
Concen: 57.998 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

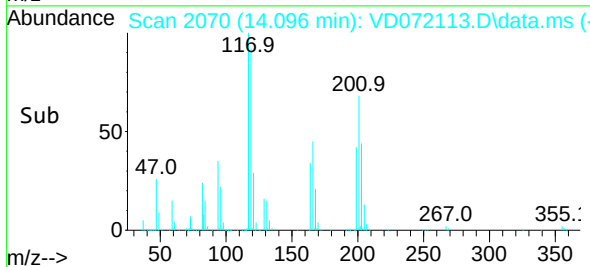
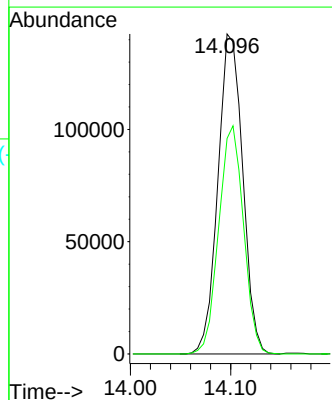
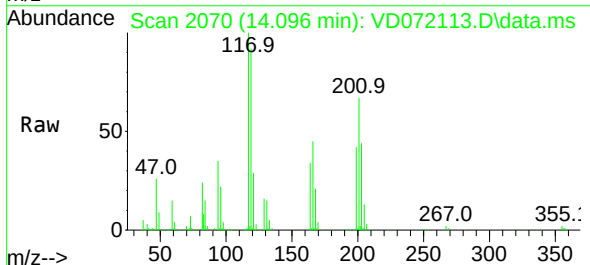
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

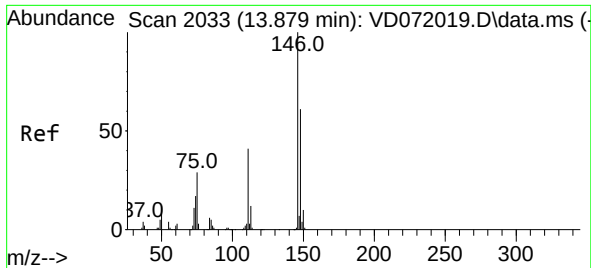
Tgt Ion: 91 Resp: 1260578
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 25.4 12.8 38.4



#90
Hexachloroethane
Concen: 53.396 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion: 117 Resp: 244982
Ion Ratio Lower Upper
117 100
201 71.2 35.2 105.6

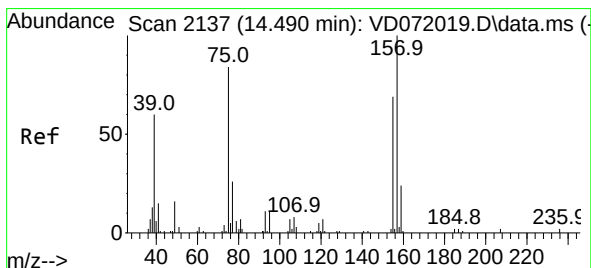
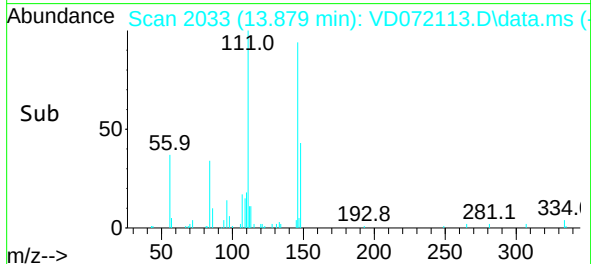
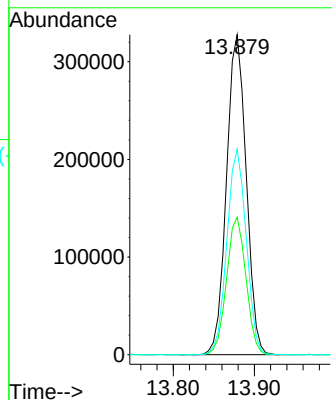
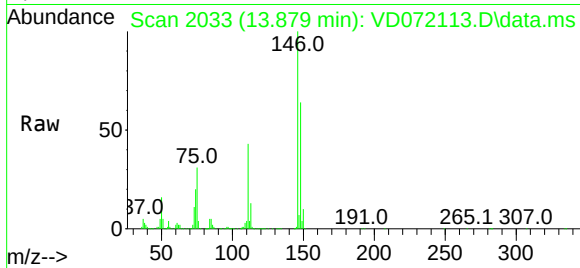




#91
 1,2-Dichlorobenzene
 Concen: 52.367 ug/l
 RT: 13.879 min Scan# 2033
 Delta R.T. 0.000 min
 Lab File: VD072113.D
 Acq: 28 Feb 2022 09:57

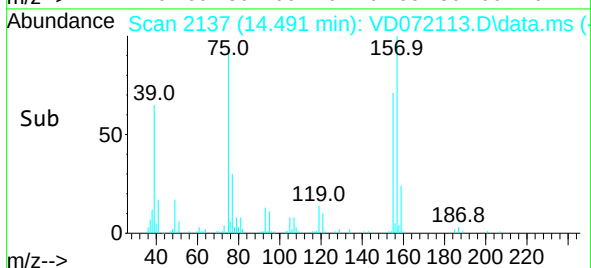
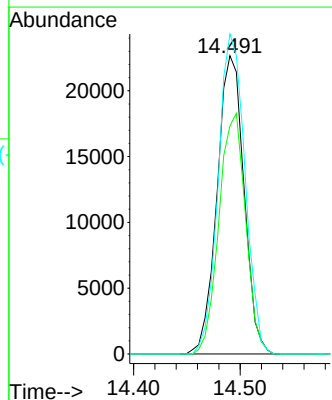
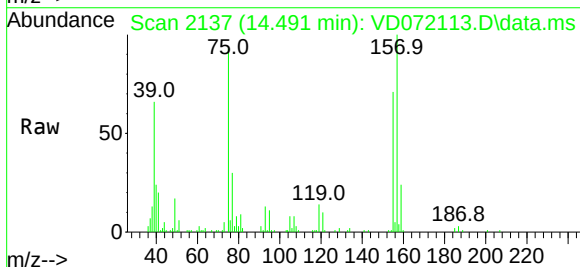
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

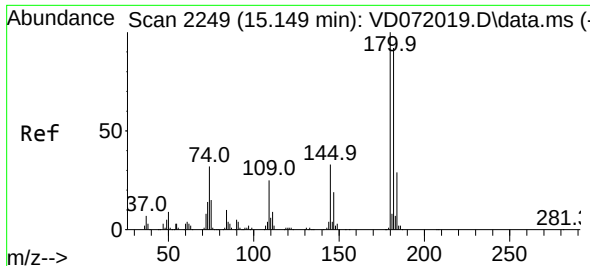
Tgt Ion:146 Resp: 552778
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.4
 148 63.4 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.658 ug/l
 RT: 14.491 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VD072113.D
 Acq: 28 Feb 2022 09:57

Tgt Ion: 75 Resp: 39675
 Ion Ratio Lower Upper
 75 100
 155 79.8 40.5 121.5
 157 106.7 53.3 159.9

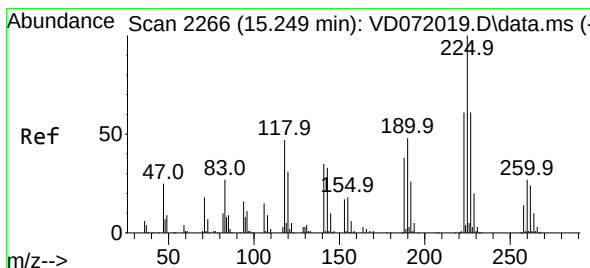
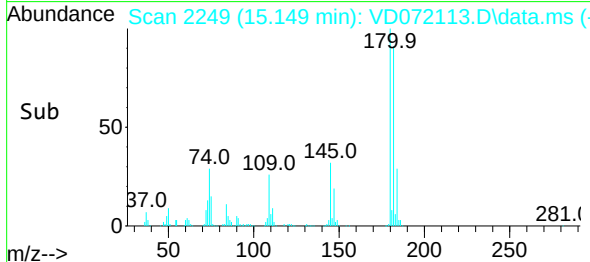
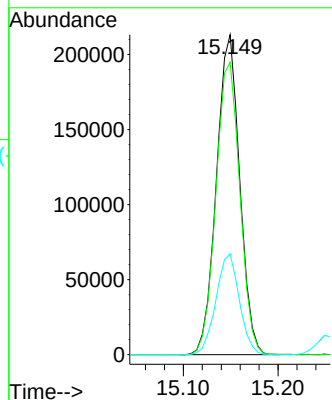
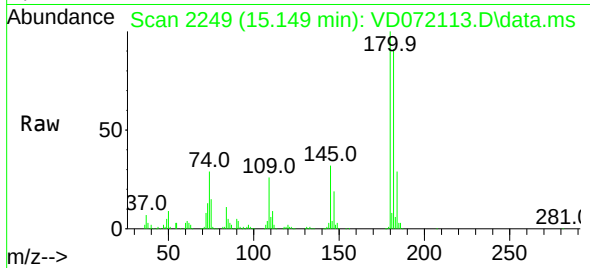




#93
1,2,4-Trichlorobenzene
Concen: 56.149 ug/l
RT: 15.149 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

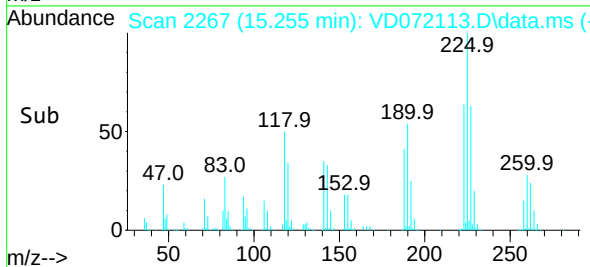
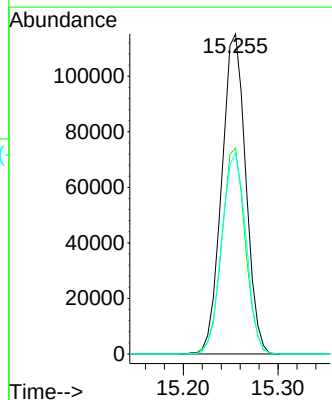
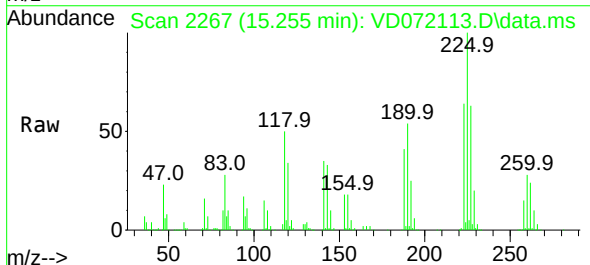
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

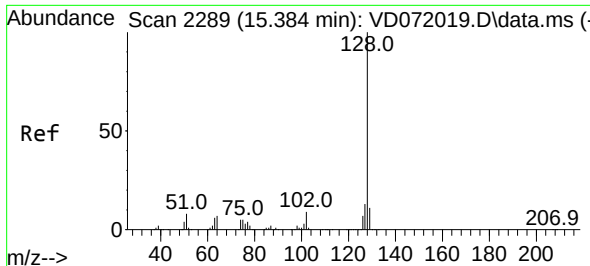
Tgt Ion:180 Resp: 364069
Ion Ratio Lower Upper
180 100
182 94.0 46.4 139.2
145 31.7 15.7 47.1



#94
Hexachlorobutadiene
Concen: 56.896 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:225 Resp: 202858
Ion Ratio Lower Upper
225 100
223 63.0 30.9 92.7
227 63.4 31.6 95.0

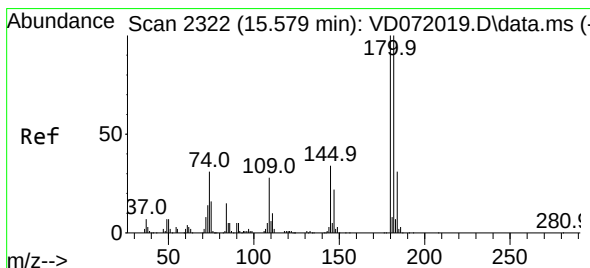
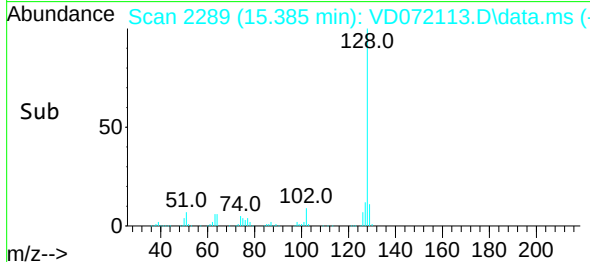
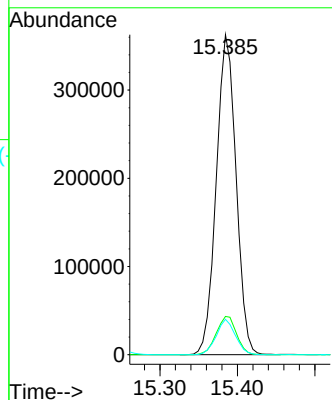
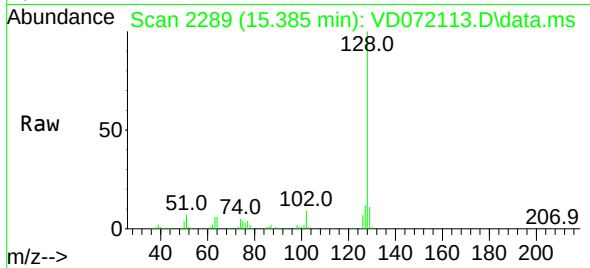




#95
Naphthalene
Concen: 54.845 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 645558
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.230 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072113.D
Acq: 28 Feb 2022 09:57

Tgt Ion:180 Resp: 308885
Ion Ratio Lower Upper
180 100
182 94.3 48.1 144.3
145 33.4 16.7 50.0

