

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072111.D
 Acq On : 25 Feb 2022 20:19
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 26 05:45:11 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	505205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	862200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	808200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	393484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	286206	54.615	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.220%	
35) Dibromofluoromethane	7.914	113	266635	51.042	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.080%	
50) Toluene-d8	10.332	98	989925	51.101	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.626	95	367992	51.714	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	218878	45.951	ug/l	100
3) Chloromethane	2.209	50	241532	55.980	ug/l	96
4) Vinyl Chloride	2.350	62	218238	50.751	ug/l	97
5) Bromomethane	2.762	94	135682	50.435	ug/l	93
6) Chloroethane	2.921	64	143184	52.680	ug/l	92
7) Trichlorofluoromethane	3.273	101	418885	50.350	ug/l	97
8) Diethyl Ether	3.709	74	145830	61.489	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	262828	50.565	ug/l	99
10) Methyl Iodide	4.297	142	244981	43.149	ug/l	98
11) Tert butyl alcohol	5.215	59	97820	327.153	ug/l #	90
12) 1,1-Dichloroethene	4.068	96	235601	51.032	ug/l	96
13) Acrolein	3.921	56	127179	215.699	ug/l	96
14) Allyl chloride	4.715	41	431189	53.292	ug/l	99
15) Acrylonitrile	5.420	53	400870	312.739	ug/l	100
16) Acetone	4.156	43	301034	265.800	ug/l	97
17) Carbon Disulfide	4.409	76	623185	48.513	ug/l	99
18) Methyl Acetate	4.715	43	171699	59.884	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	716020	63.753	ug/l	100
20) Methylene Chloride	4.968	84	301944	53.568	ug/l	96
21) trans-1,2-Dichloroethene	5.473	96	277311	53.458	ug/l	94
22) Diisopropyl ether	6.362	45	1001275	59.263	ug/l	97
23) Vinyl Acetate	6.303	43	2991074	331.512	ug/l	100
24) 1,1-Dichloroethane	6.262	63	545271	54.249	ug/l	99
25) 2-Butanone	7.209	43	488321	311.960	ug/l	99
26) 2,2-Dichloropropane	7.209	77	420044	52.224	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	334788	56.329	ug/l	99
28) Bromochloromethane	7.544	49	235312	54.917	ug/l	100
29) Tetrahydrofuran	7.561	42	327808	328.136	ug/l	99
30) Chloroform	7.709	83	567113	54.954	ug/l	99
31) Cyclohexane	7.985	56	450810	48.703	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	474486	53.427	ug/l	98
36) 1,1-Dichloropropene	8.109	75	397009	50.173	ug/l	99
37) Ethyl Acetate	7.291	43	224595	61.208	ug/l	98
38) Carbon Tetrachloride	8.097	117	411561	50.745	ug/l	98
39) Methylcyclohexane	9.350	83	478092	51.623	ug/l	97
40) Benzene	8.350	78	1178898	52.798	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	128239	56.358	ug/l	95
42) 1,2-Dichloroethane	8.420	62	376774	56.253	ug/l	99
43) Isopropyl Acetate	8.450	43	421326	61.660	ug/l	98
44) Trichloroethene	9.108	130	317490	52.170	ug/l	99
45) 1,2-Dichloropropane	9.385	63	322136	54.086	ug/l	100
46) Dibromomethane	9.473	93	177540	56.485	ug/l	98
47) Bromodichloromethane	9.655	83	447389	55.178	ug/l	99
48) Methyl methacrylate	9.450	41	212378	61.529	ug/l	98
49) 1,4-Dioxane	9.461	88	46157	1237.888	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	1132186	312.648	ug/l	100
52) Toluene	10.397	92	757306	52.999	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	432456	58.319	ug/l	100
54) cis-1,3-Dichloropropene	10.085	75	494382	56.331	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	252917	57.179	ug/l	98
56) Ethyl methacrylate	10.655	69	336279	63.663	ug/l	97
57) 1,3-Dichloropropane	10.938	76	433812	56.744	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.938	63	661391	279.883	ug/l	100
59) 2-Hexanone	10.979	43	778141	315.033	ug/l	100
60) Dibromochloromethane	11.132	129	310571	56.225	ug/l	97
61) 1,2-Dibromoethane	11.238	107	240441	56.883	ug/l	99
64) Tetrachloroethene	10.873	164	259463	50.851	ug/l	99
65) Chlorobenzene	11.661	112	822590	52.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	313241	53.881	ug/l	100
67) Ethyl Benzene	11.738	91	1463733	53.144	ug/l	100
68) m/p-Xylenes	11.844	106	1121160	106.335	ug/l	99
69) o-Xylene	12.173	106	539437	54.387	ug/l	98
70) Styrene	12.185	104	951526	55.903	ug/l	100
71) Bromoform	12.349	173	188300	56.475	ug/l #	100
73) Isopropylbenzene	12.473	105	1436318	53.164	ug/l	100
74) N-amyl acetate	12.279	43	397291	60.899	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	296106	55.435	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	378538	101.562	ug/l #	100
77) Bromobenzene	12.749	156	339658	53.686	ug/l	95
78) n-propylbenzene	12.814	91	1740966	52.427	ug/l	99
79) 2-Chlorotoluene	12.896	91	1016820	52.905	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	1204581	53.396	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	98863	66.424	ug/l	94
82) 4-Chlorotoluene	12.996	91	1057631	52.872	ug/l	99
83) tert-Butylbenzene	13.214	119	1025346	52.900	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1200264	54.122	ug/l	100
85) sec-Butylbenzene	13.391	105	1539474	52.139	ug/l	100
86) p-Isopropyltoluene	13.502	119	1301153	53.578	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	659489	51.566	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	660182	51.373	ug/l	99
89) n-Butylbenzene	13.832	91	1211809	52.476	ug/l	99
90) Hexachloroethane	14.096	117	234853	48.178	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	597689	53.292	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	48227	57.956	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	385052	55.894	ug/l	98
94) Hexachlorobutadiene	15.255	225	199230	52.593	ug/l	99
95) Naphthalene	15.385	128	789550	63.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	347927	58.552	ug/l	97

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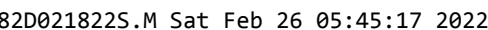
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

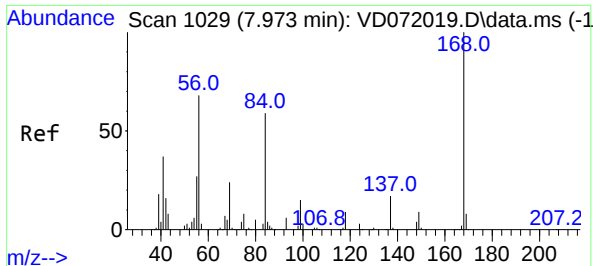
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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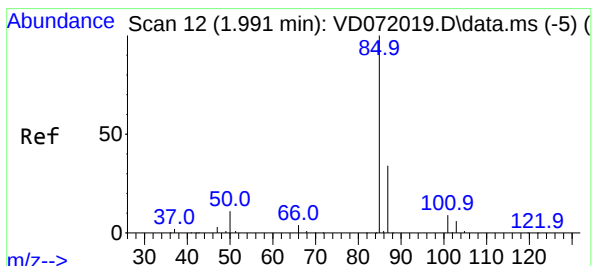
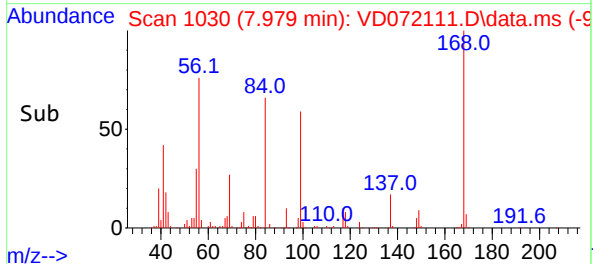
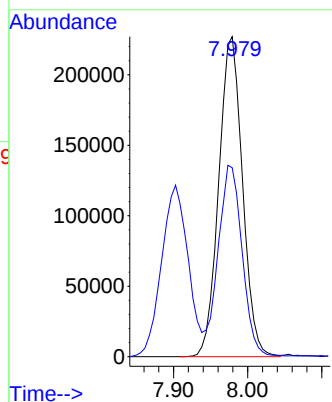
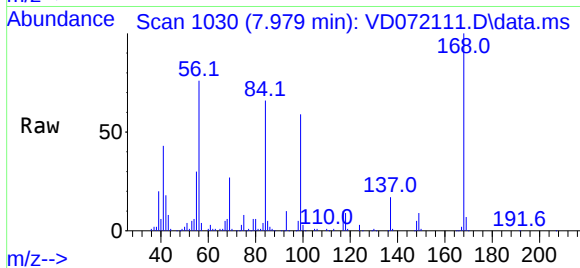




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

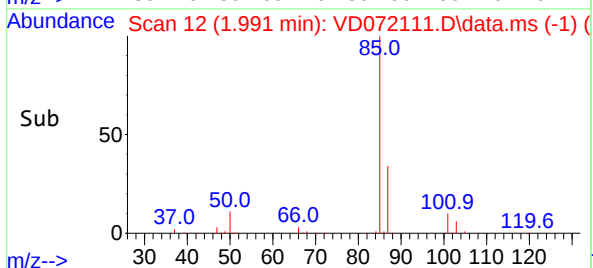
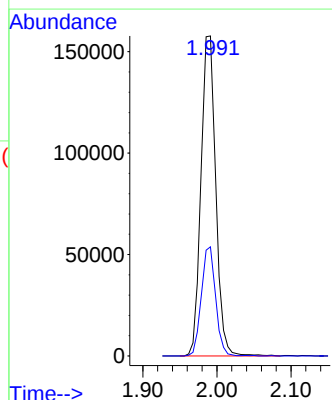
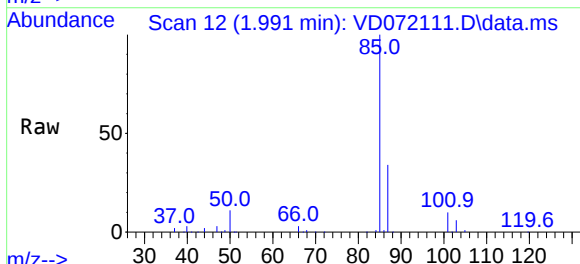
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 505205
Ion Ratio Lower Upper
168 100
99 58.7 47.1 70.7

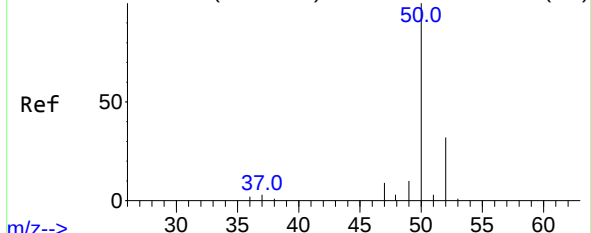


#2
Dichlorodifluoromethane
Concen: 45.951 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

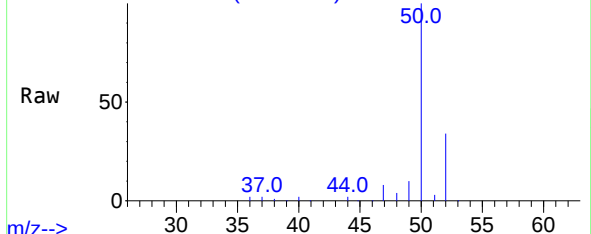
Tgt Ion: 85 Resp: 218878
Ion Ratio Lower Upper
85 100
87 34.1 17.0 51.0



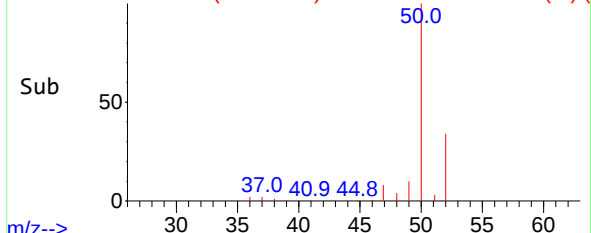
Abundance Scan 49 (2.209 min): VD072019.D\data.ms (-43)



Abundance Scan 49 (2.209 min): VD072111.D\data.ms



Abundance Scan 49 (2.209 min): VD072111.D\data.ms (-1)



#3

Chloromethane

Concen: 55.980 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

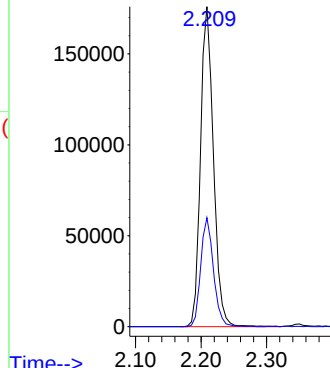
Tgt Ion: 50 Resp: 241532

Ion Ratio Lower Upper

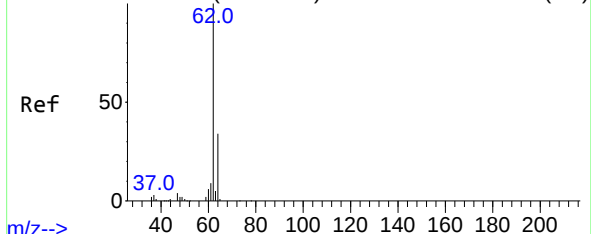
50 100

52 34.1 25.5 38.3

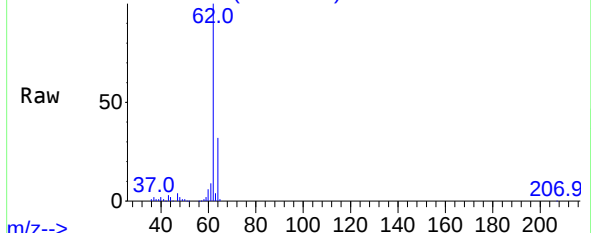
Abundance



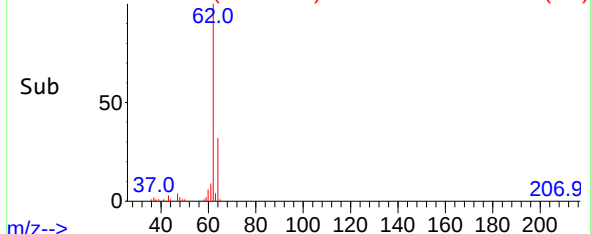
Abundance Scan 73 (2.350 min): VD072019.D\data.ms (-65)



Abundance Scan 73 (2.350 min): VD072111.D\data.ms



Abundance Scan 73 (2.350 min): VD072111.D\data.ms (-22)



#4

Vinyl Chloride

Concen: 50.751 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

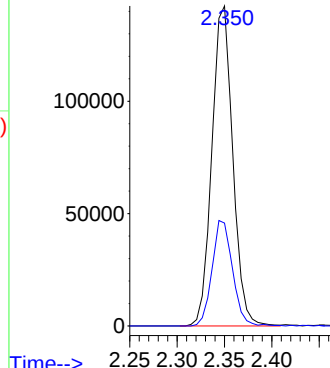
Tgt Ion: 62 Resp: 218238

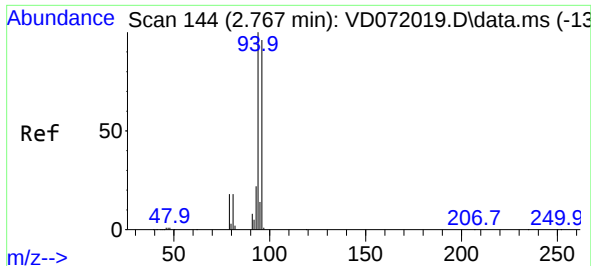
Ion Ratio Lower Upper

62 100

64 32.1 27.0 40.6

Abundance

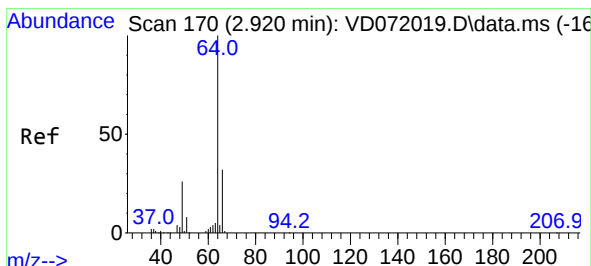
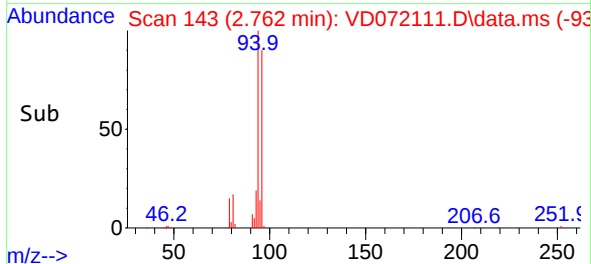
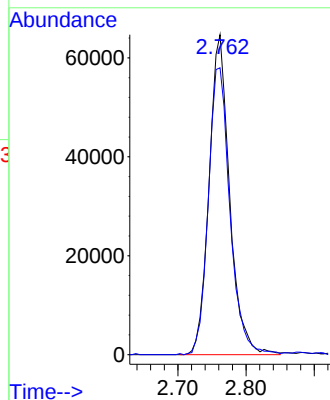
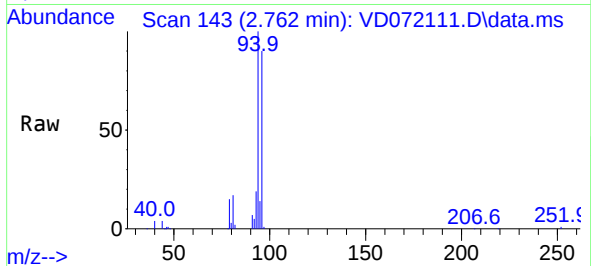




#5
Bromomethane
Concen: 50.435 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

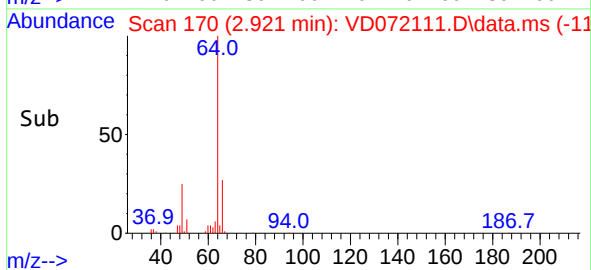
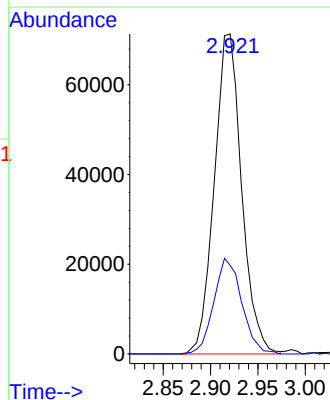
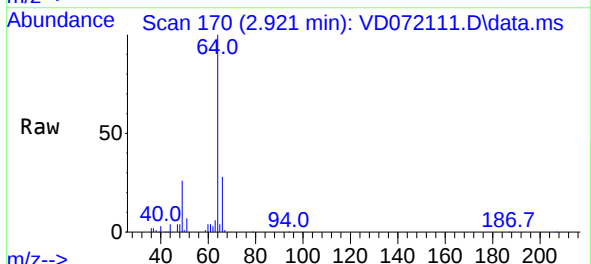
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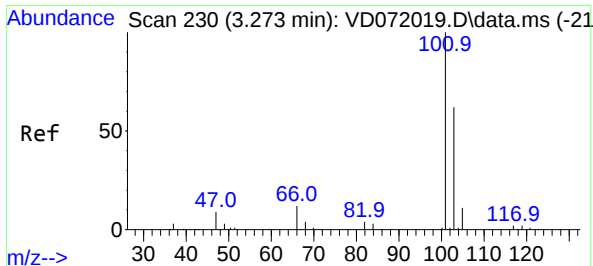
Tgt Ion: 94 Resp: 135682
Ion Ratio Lower Upper
94 100
96 89.3 76.8 115.2



#6
Chloroethane
Concen: 52.680 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 64 Resp: 143184
Ion Ratio Lower Upper
64 100
66 27.7 25.9 38.9

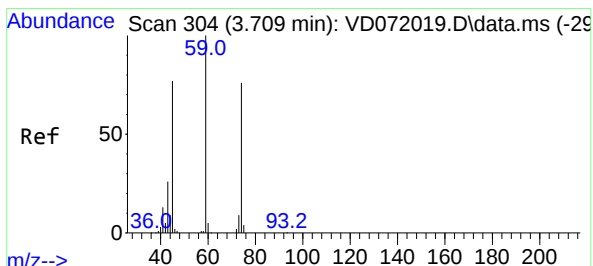
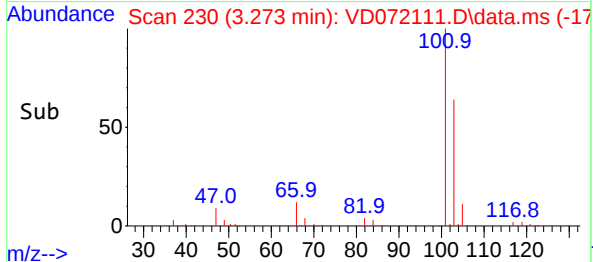
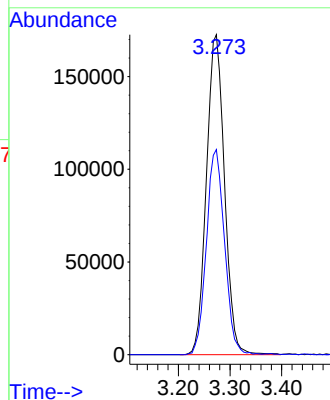
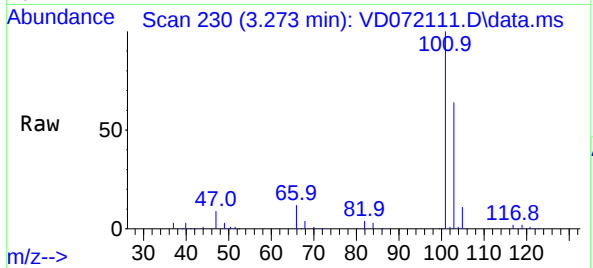




#7
Trichlorofluoromethane
Concen: 50.350 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

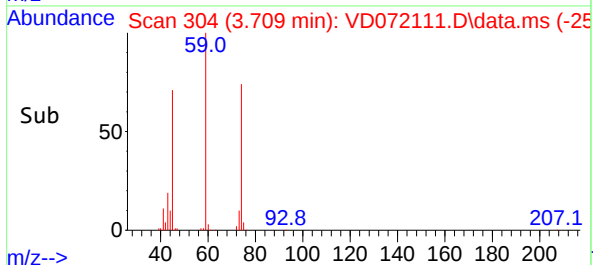
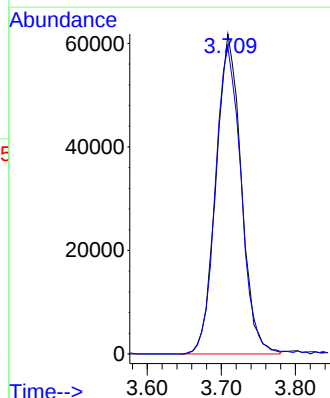
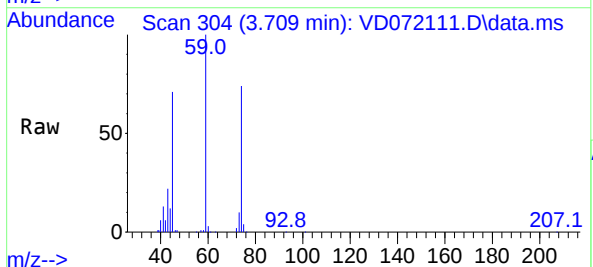
Instrument :
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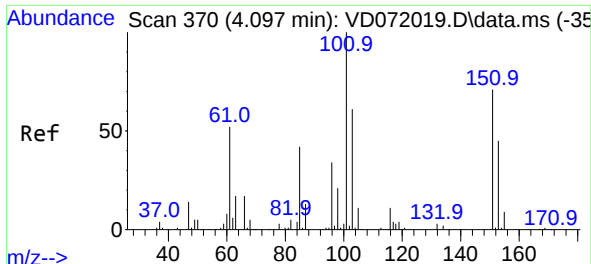
Tgt Ion:101 Resp: 418885
Ion Ratio Lower Upper
101 100
103 64.1 49.4 74.2



#8
Diethyl Ether
Concen: 61.489 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 74 Resp: 145830
Ion Ratio Lower Upper
74 100
45 98.1 50.9 152.8

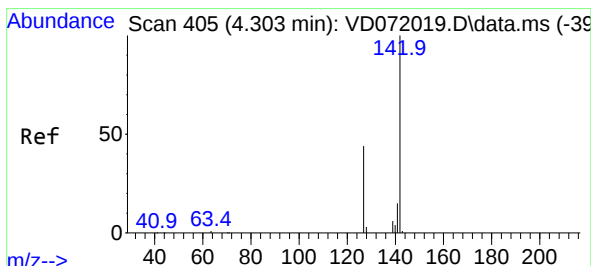
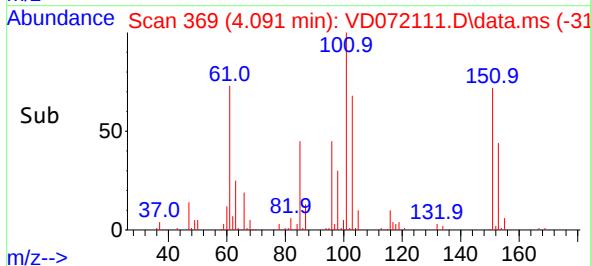
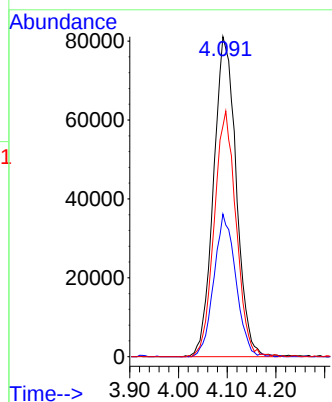
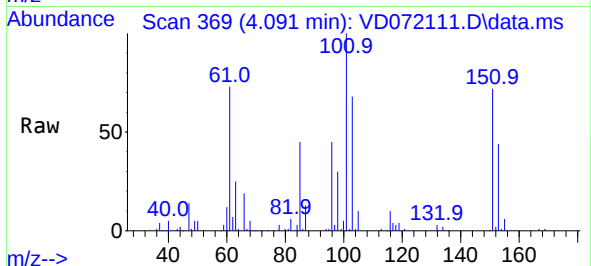




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.565 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

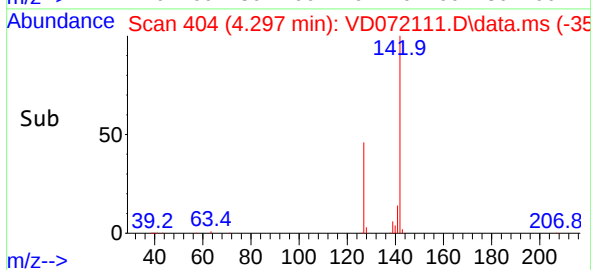
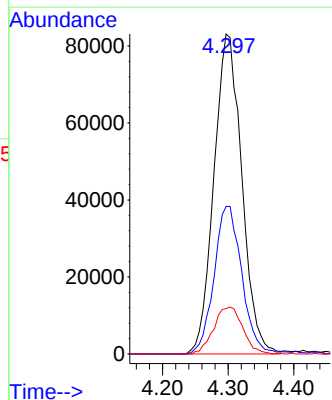
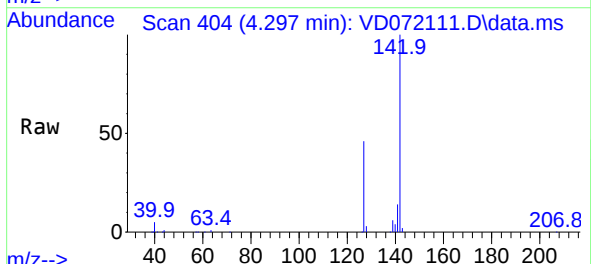
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

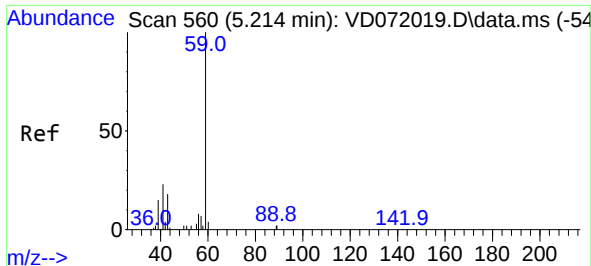
Tgt Ion:101 Resp: 262828
Ion Ratio Lower Upper
101 100
85 43.1 34.1 51.1
151 74.0 59.8 89.6



#10
Methyl Iodide
Concen: 43.149 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:142 Resp: 244981
Ion Ratio Lower Upper
142 100
127 46.1 35.8 53.8
141 15.3 11.6 17.4

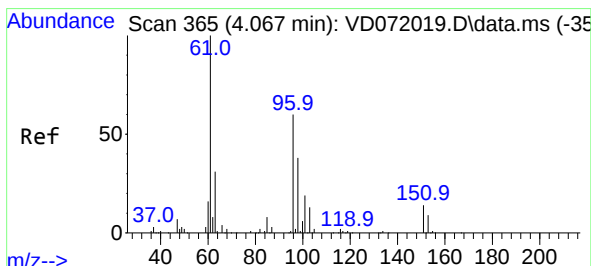
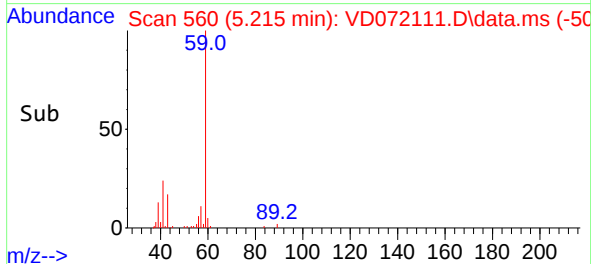
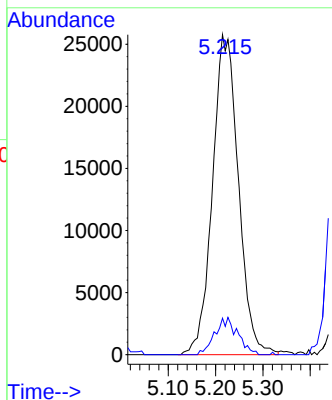
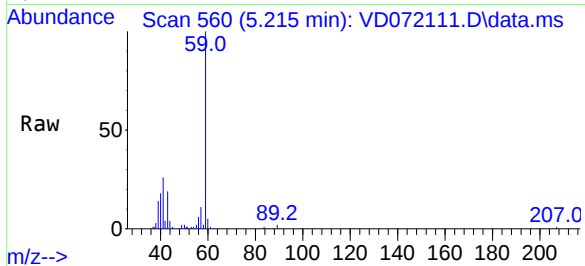




#11
Tert butyl alcohol
Concen: 327.153 ug/l
RT: 5.215 min Scan# 509
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

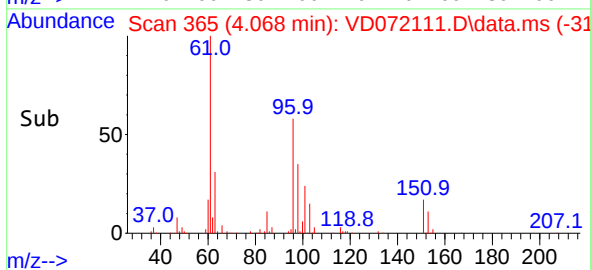
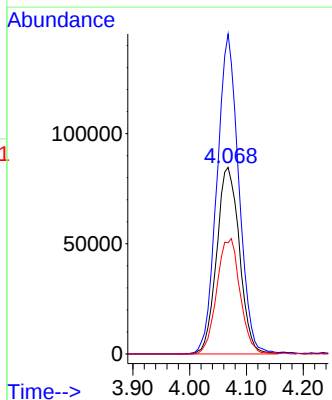
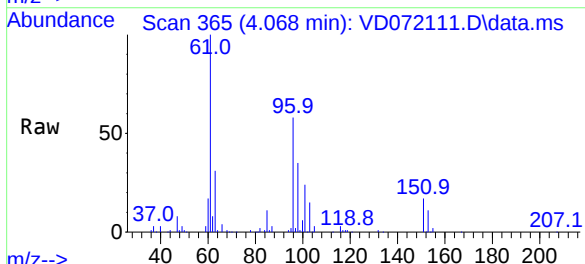
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

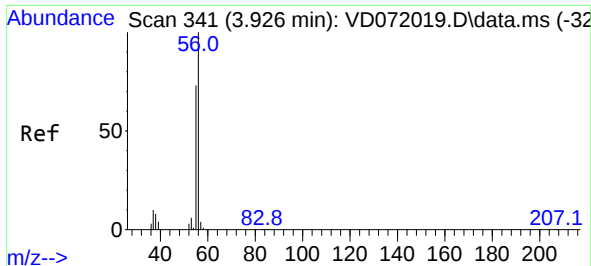
Tgt Ion: 59 Resp: 97820
Ion Ratio Lower Upper
59 100
57 10.2 5.4 8.2#



#12
1,1-Dichloroethene
Concen: 51.032 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 96 Resp: 235601
Ion Ratio Lower Upper
96 100
61 171.5 132.8 199.2
98 59.6 50.1 75.1

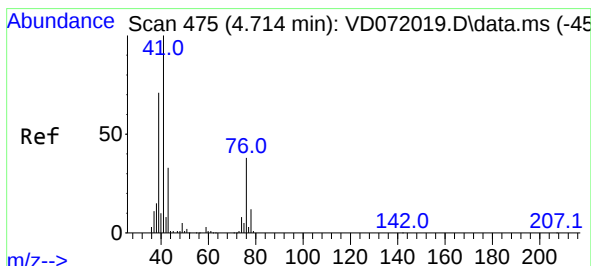
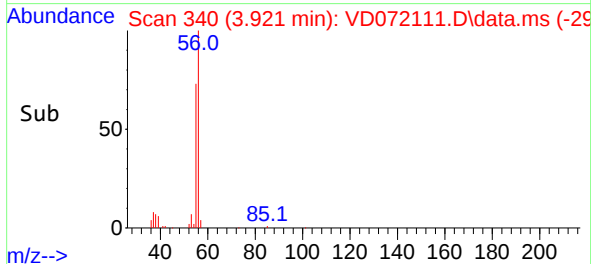
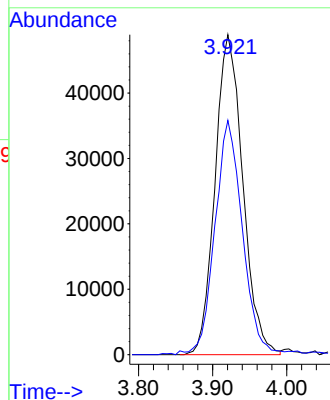
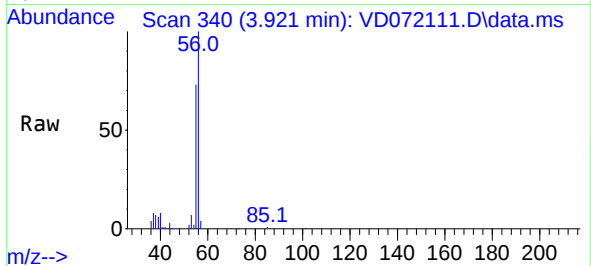




#13
Acrolein
Concen: 215.699 ug/l
RT: 3.921 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

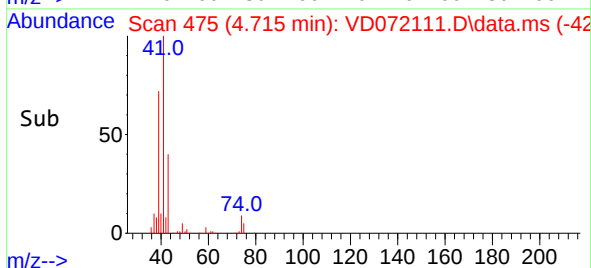
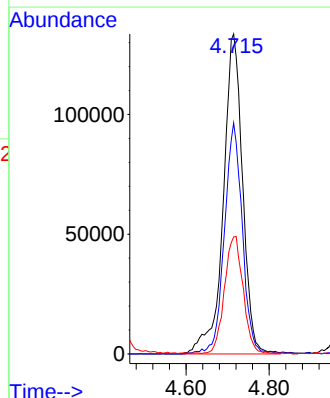
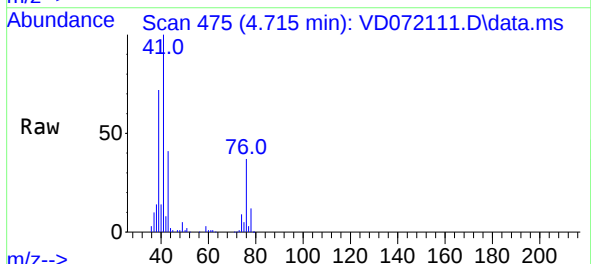
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

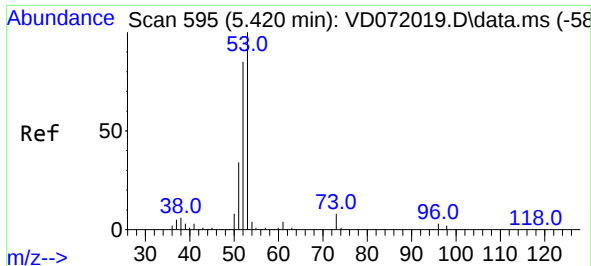
Tgt Ion: 56 Resp: 127179
Ion Ratio Lower Upper
56 100
55 72.7 55.8 83.6



#14
Allyl chloride
Concen: 53.292 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 41 Resp: 431189
Ion Ratio Lower Upper
41 100
39 66.9 52.2 78.2
76 35.1 28.1 42.1

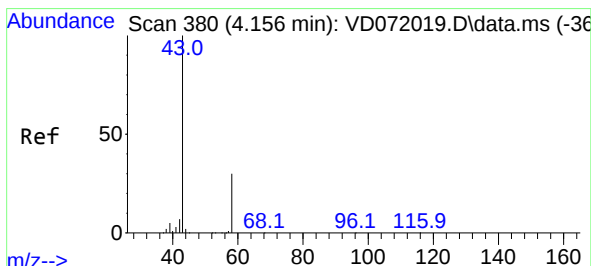
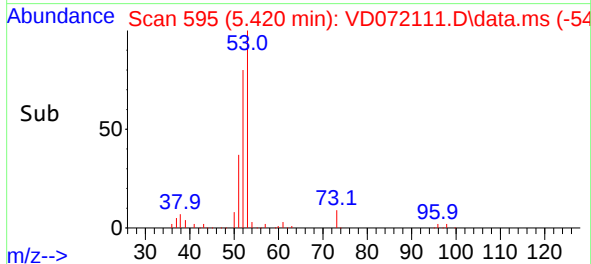
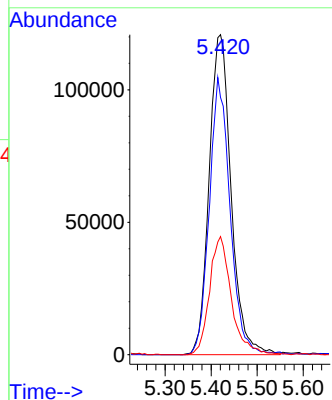
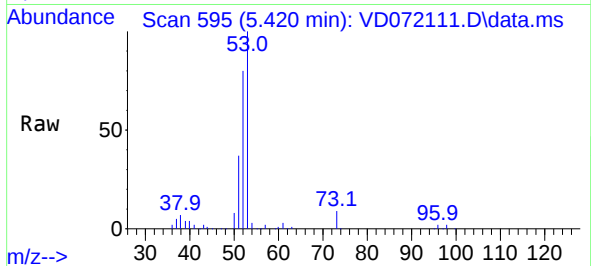




#15
Acrylonitrile
Concen: 312.739 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

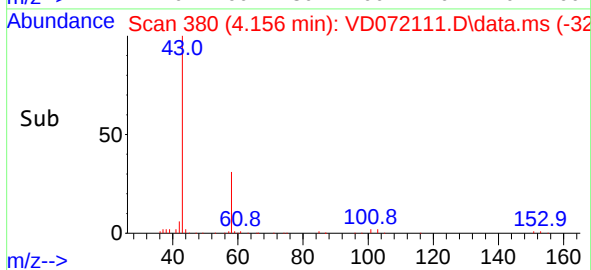
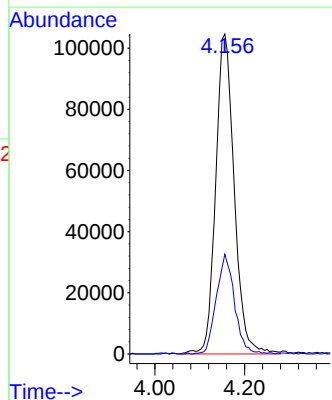
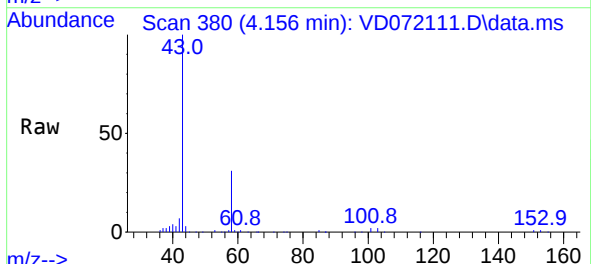
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

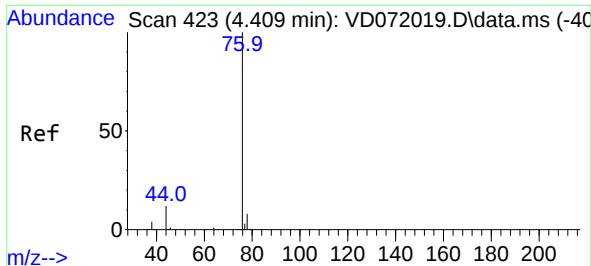
Tgt Ion: 53 Resp: 400870
Ion Ratio Lower Upper
53 100
52 81.9 65.8 98.6
51 36.7 29.4 44.0



#16
Acetone
Concen: 265.800 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 43 Resp: 301034
Ion Ratio Lower Upper
43 100
58 31.2 23.8 35.6

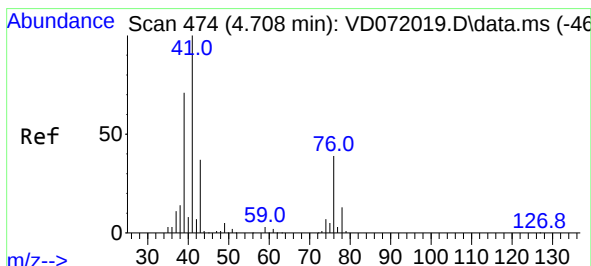
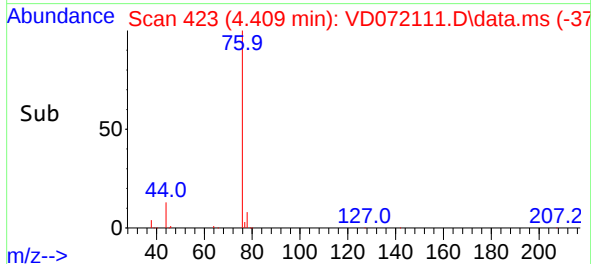
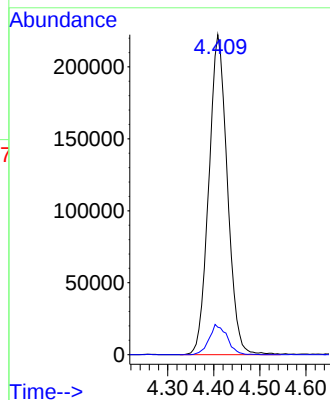
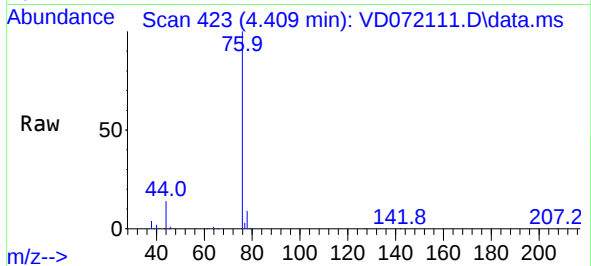




#17
Carbon Disulfide
Concen: 48.513 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

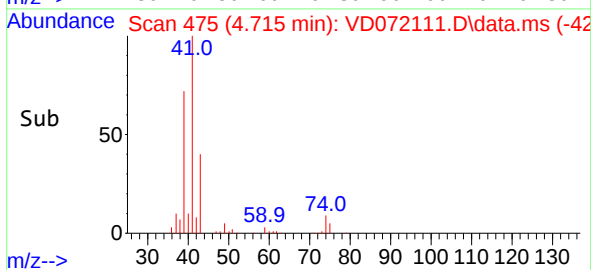
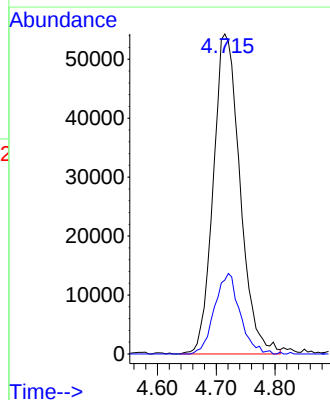
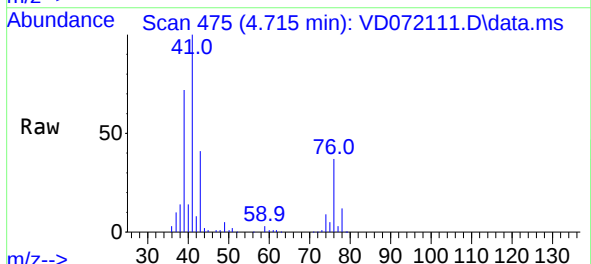
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

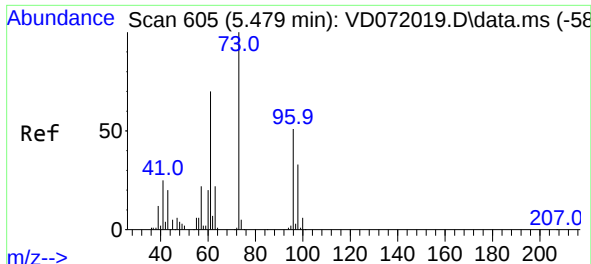
Tgt Ion: 76 Resp: 623185
Ion Ratio Lower Upper
76 100
78 8.6 6.7 10.1



#18
Methyl Acetate
Concen: 59.884 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.007 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 43 Resp: 171699
Ion Ratio Lower Upper
43 100
74 23.8 18.6 27.8

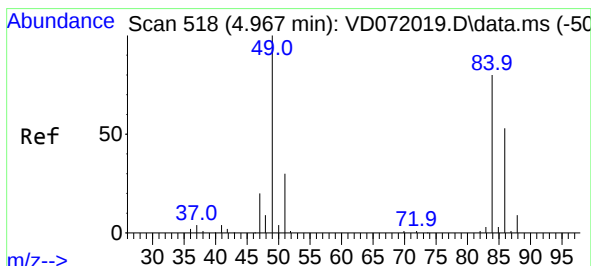
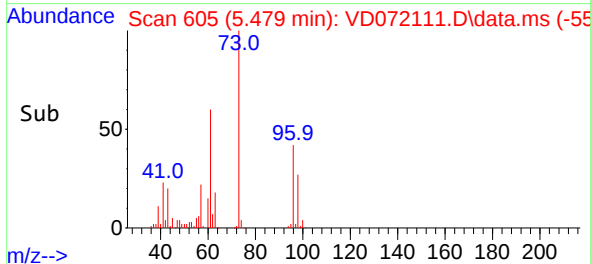
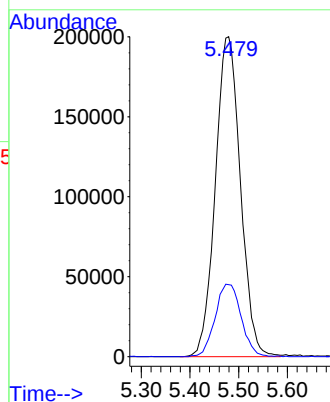
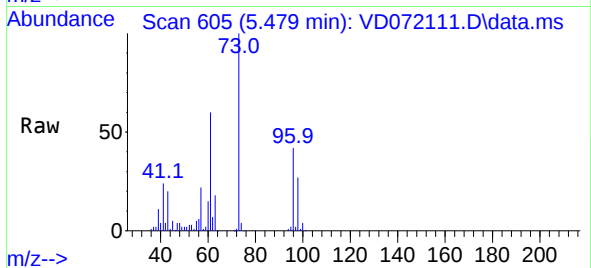




#19
Methyl tert-butyl Ether
Concen: 63.753 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

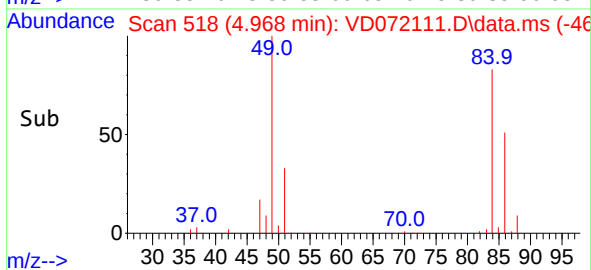
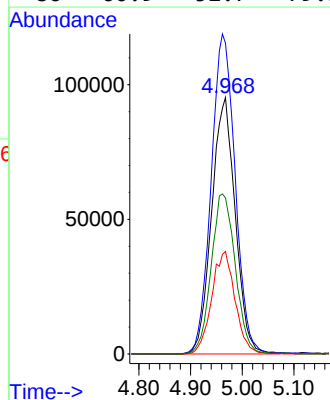
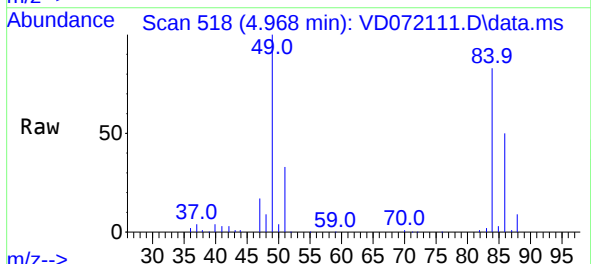
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

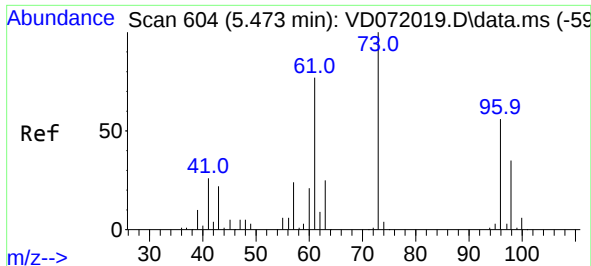
Tgt Ion: 73 Resp: 716020
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 53.568 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 84 Resp: 301944
Ion Ratio Lower Upper
84 100
49 121.1 100.0 150.0
51 39.9 30.2 45.4
86 60.9 52.7 79.1

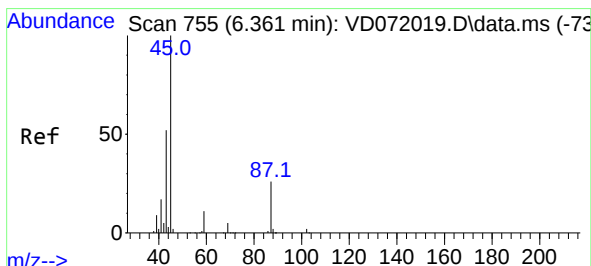
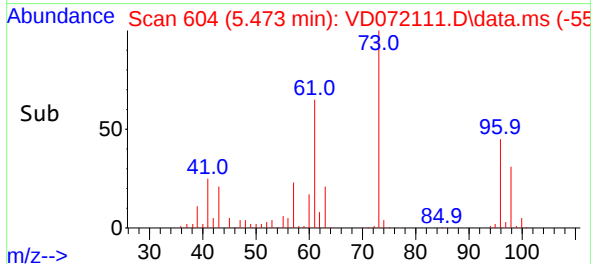
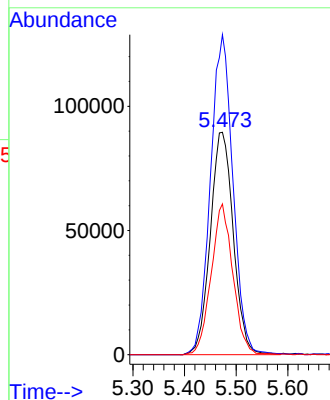
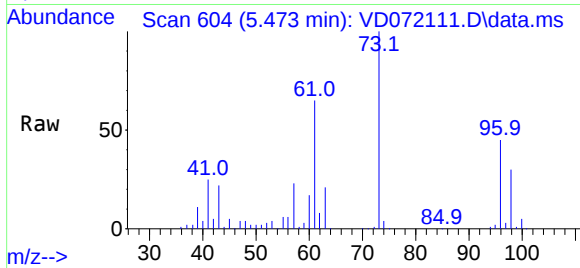




#21
trans-1,2-Dichloroethene
Concen: 53.458 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

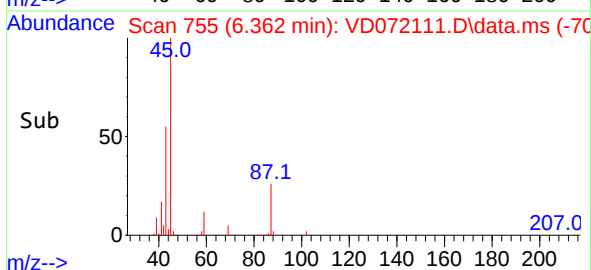
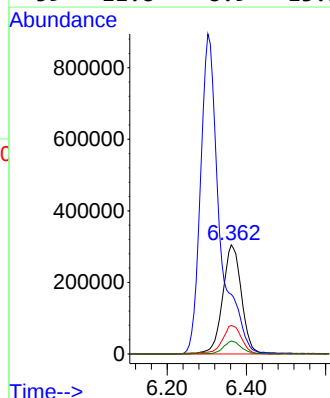
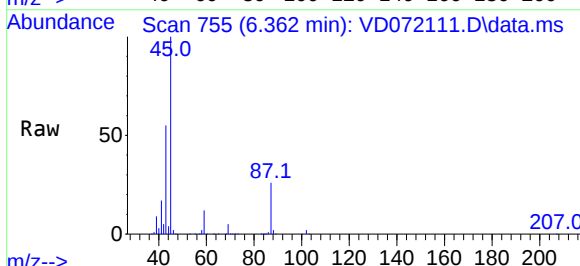
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

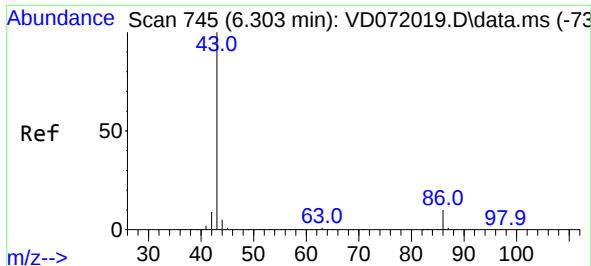
Tgt Ion: 96 Resp: 277311
Ion Ratio Lower Upper
96 100
61 143.9 109.4 164.0
98 67.8 49.6 74.4



#22
Diisopropyl ether
Concen: 59.263 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 45 Resp: 1001275
Ion Ratio Lower Upper
45 100
43 54.6 41.3 61.9
87 26.1 20.4 30.6
59 11.8 8.9 13.3

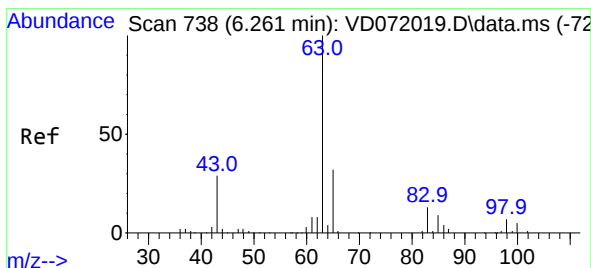
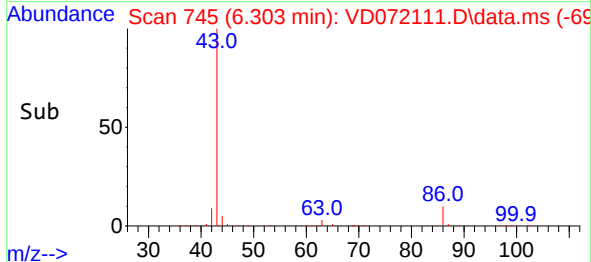
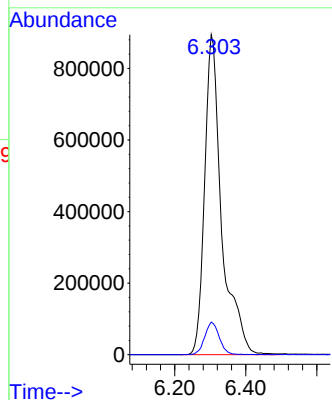
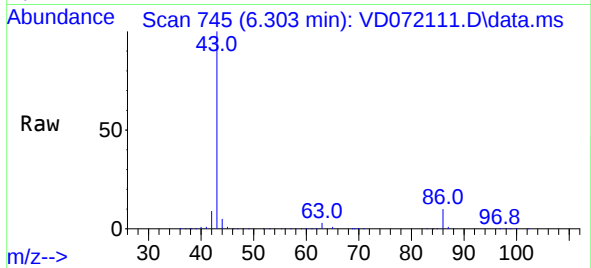




#23
 Vinyl Acetate
 Concen: 331.512 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072111.D
 Acq: 25 Feb 2022 20:19

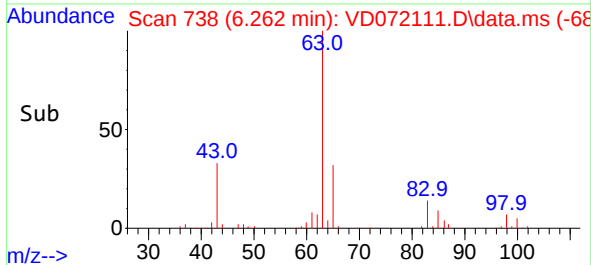
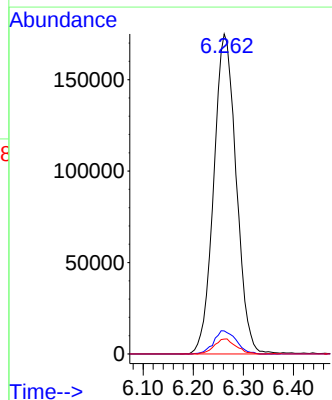
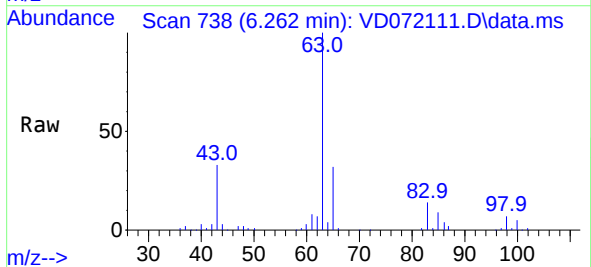
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2991074
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 54.249 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072111.D
 Acq: 25 Feb 2022 20:19

Tgt Ion: 63 Resp: 545271
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 311.960 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

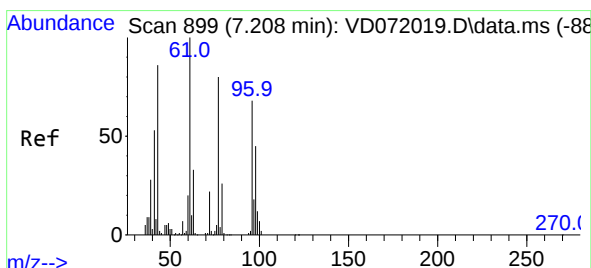
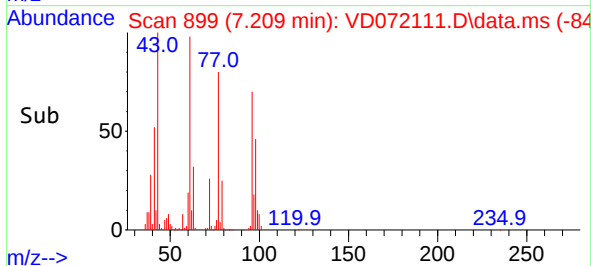
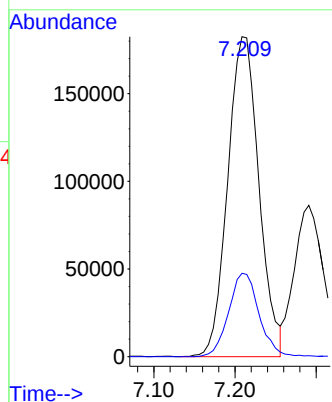
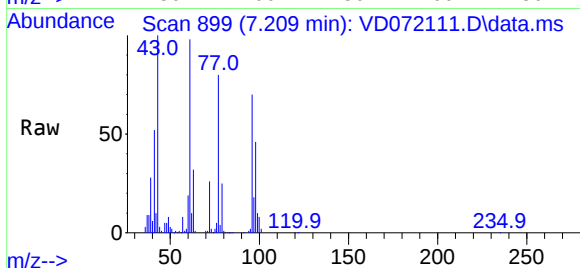
VSTDCCC050EC

Tgt Ion: 43 Resp: 488321

Ion Ratio Lower Upper

43 100

72 26.0 20.3 30.5



#26

2,2-Dichloropropane

Concen: 52.224 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072111.D

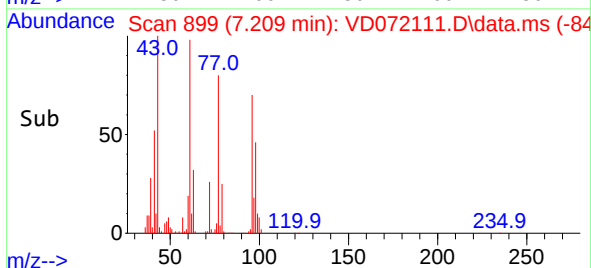
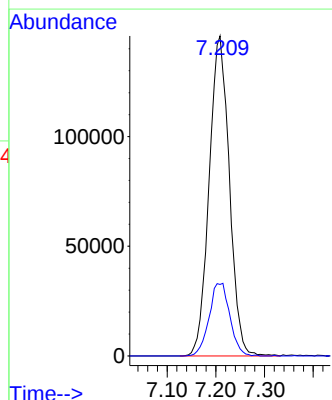
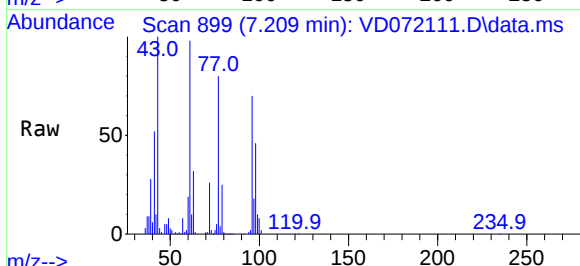
Acq: 25 Feb 2022 20:19

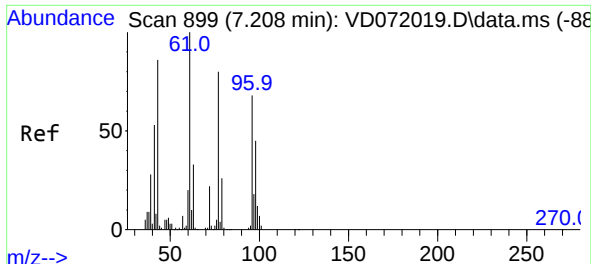
Tgt Ion: 77 Resp: 420044

Ion Ratio Lower Upper

77 100

97 23.4 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 56.329 ug/l

RT: 7.209 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

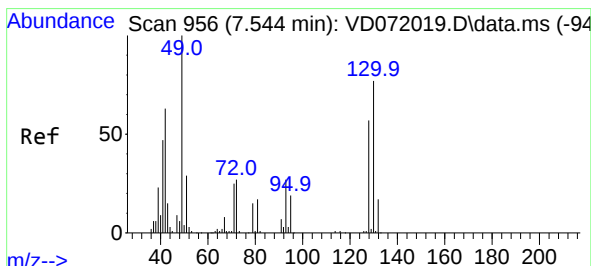
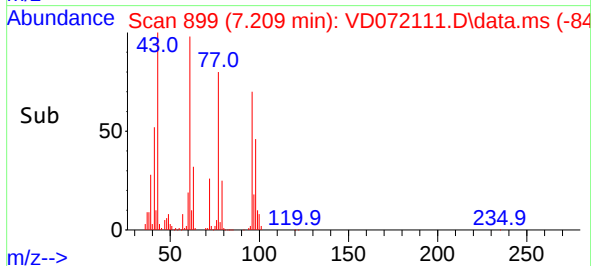
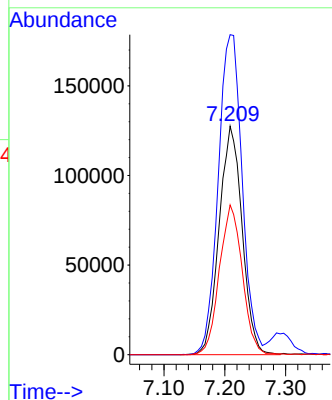
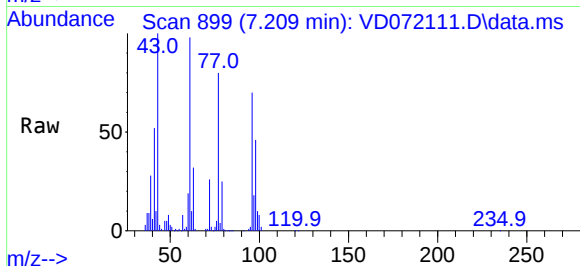
Tgt Ion: 96 Resp: 334788

Ion Ratio Lower Upper

96 100

61 145.8 0.0 295.6

98 65.3 0.0 129.8



#28

Bromochloromethane

Concen: 54.917 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

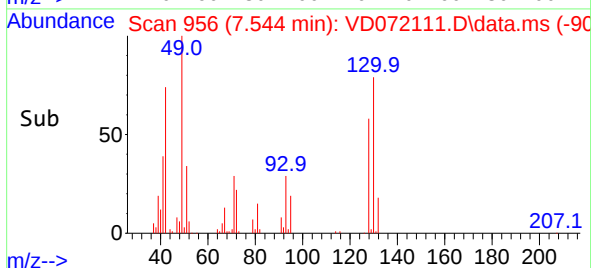
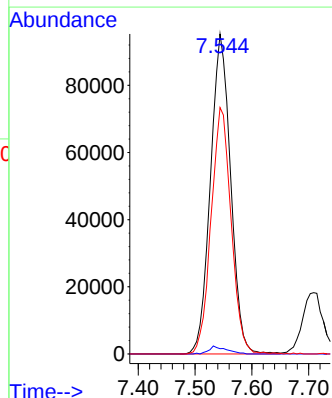
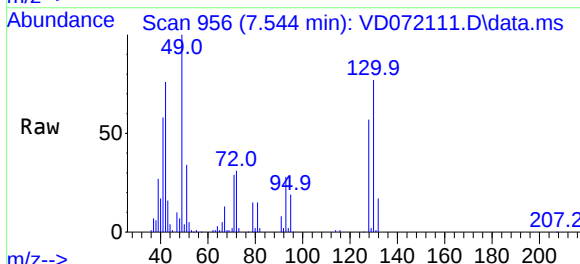
Tgt Ion: 49 Resp: 235312

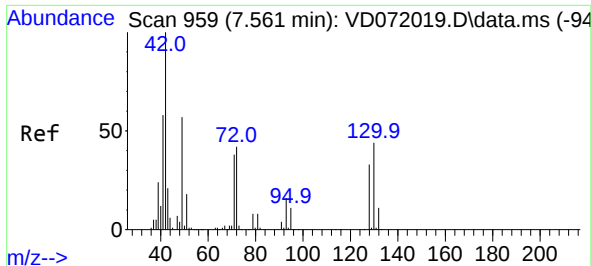
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 76.3 61.1 91.7





#29

Tetrahydrofuran

Concen: 328.136 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

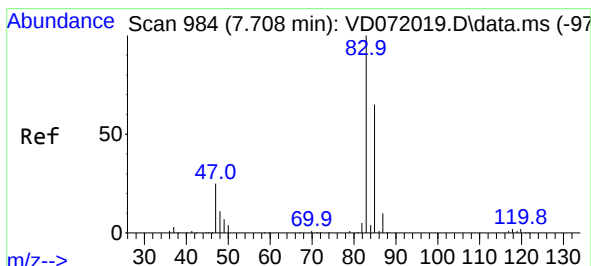
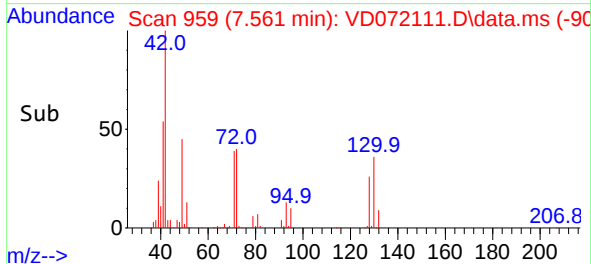
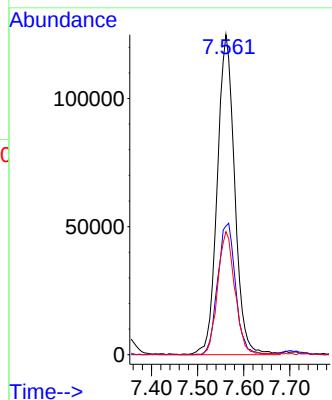
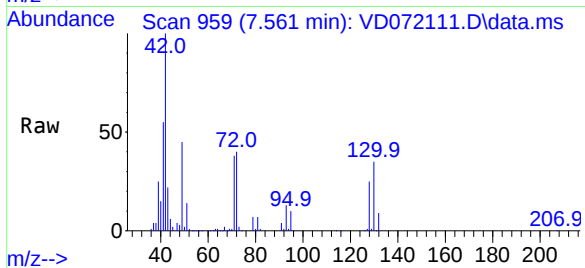
Tgt Ion: 42 Resp: 327808

Ion Ratio Lower Upper

42 100

72 42.0 33.6 50.4

71 38.0 31.0 46.4



#30

Chloroform

Concen: 54.954 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD072111.D

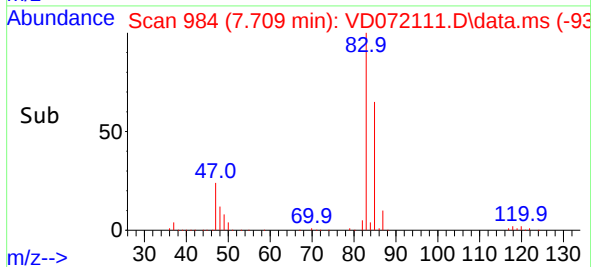
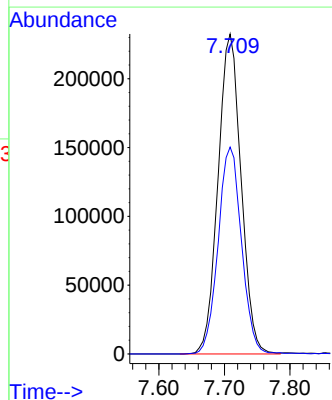
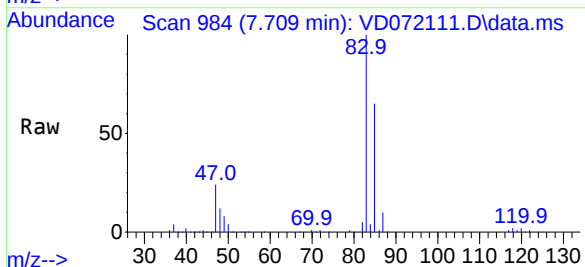
Acq: 25 Feb 2022 20:19

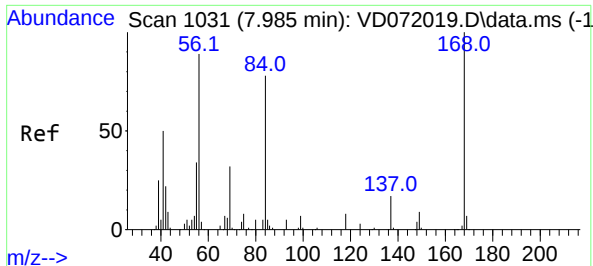
Tgt Ion: 83 Resp: 567113

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.2





#31

Cyclohexane

Concen: 48.703 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

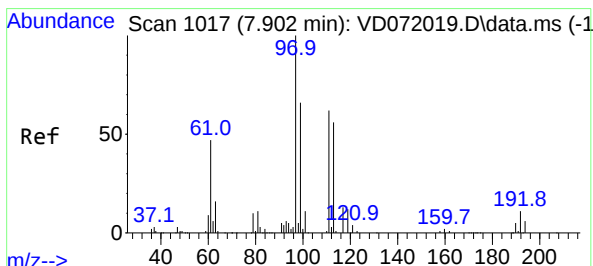
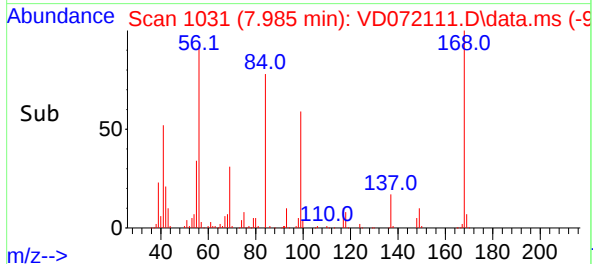
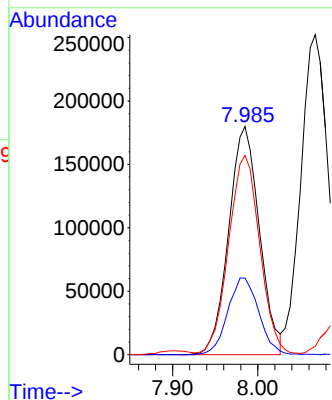
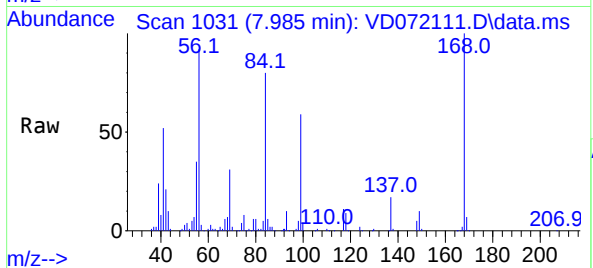
Tgt Ion: 56 Resp: 450810

Ion Ratio Lower Upper

56 100

69 33.3 28.9 43.3

84 85.7 70.6 105.8



#32

1,1,1-Trichloroethane

Concen: 53.427 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

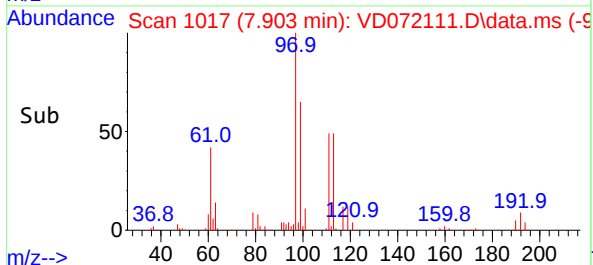
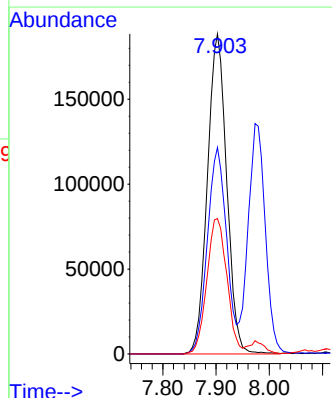
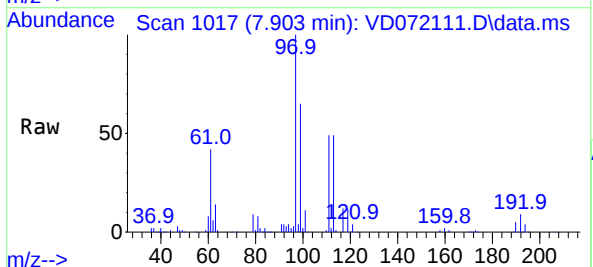
Tgt Ion: 97 Resp: 474486

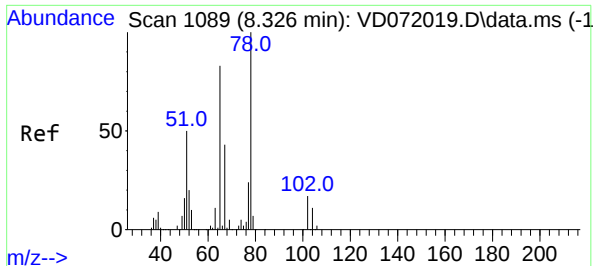
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 44.0 37.2 55.8

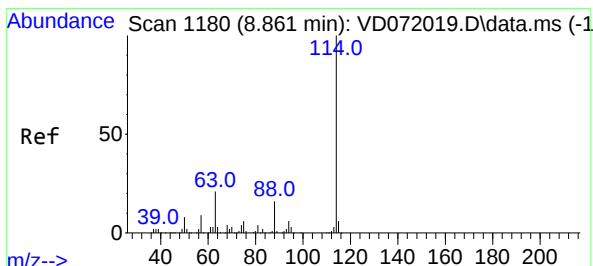
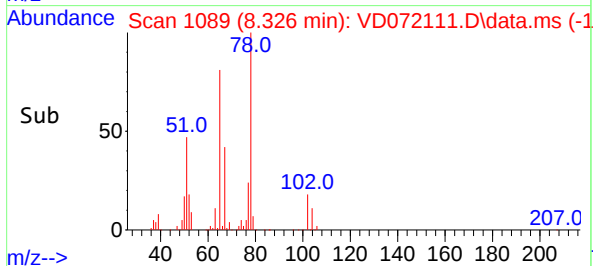
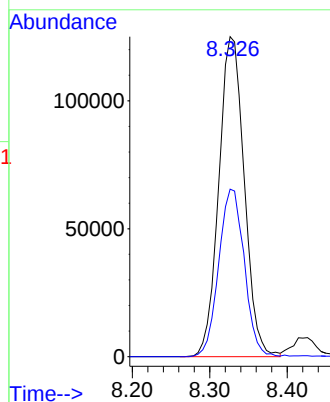
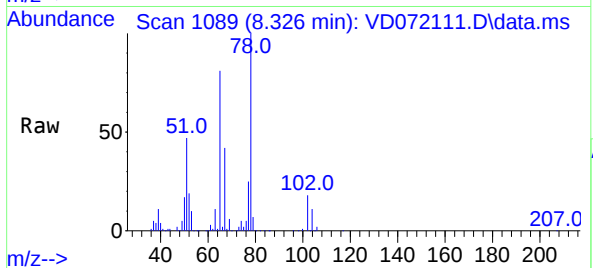




#33
1,2-Dichloroethane-d4
Concen: 54.615 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

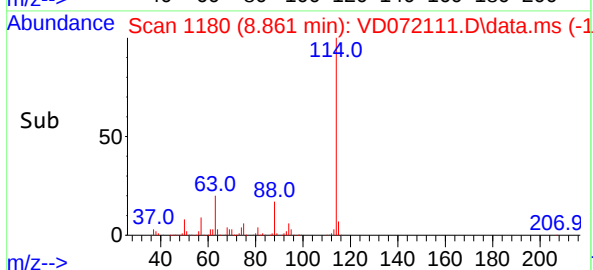
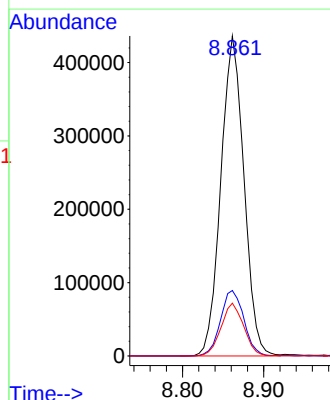
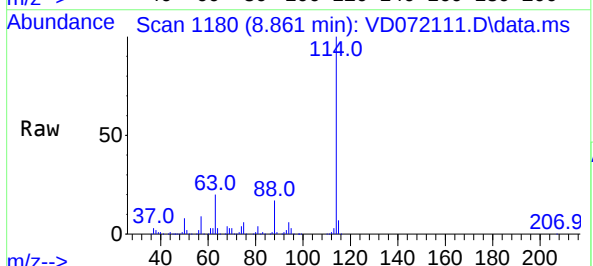
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

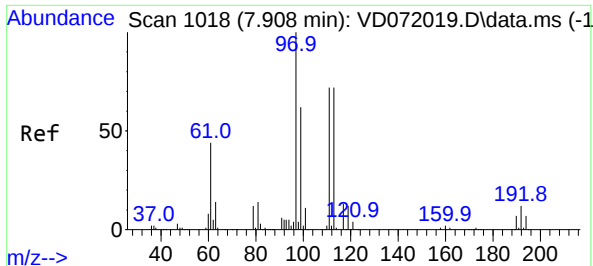
Tgt Ion: 65 Resp: 286206
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 114 Resp: 862200
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.2
88 16.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.042 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

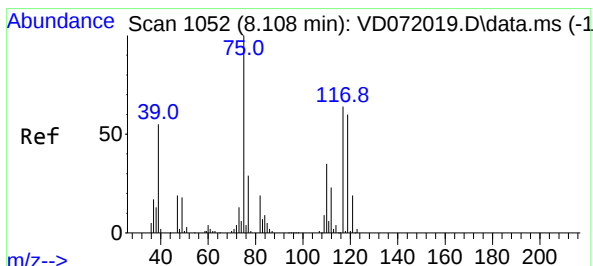
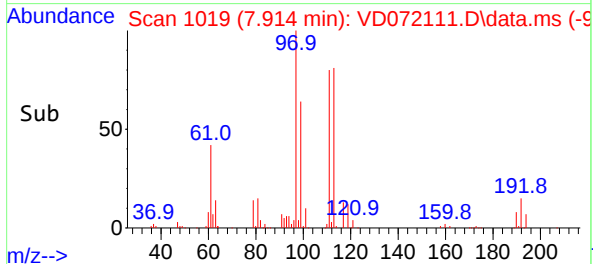
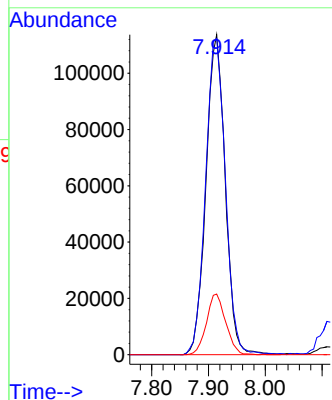
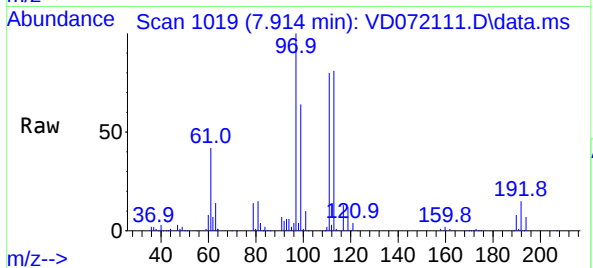
Tgt Ion:113 Resp: 266635

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.4

192 18.9 15.3 22.9



#36

1,1-Dichloropropene

Concen: 50.173 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

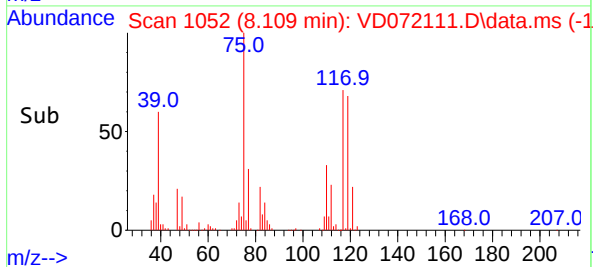
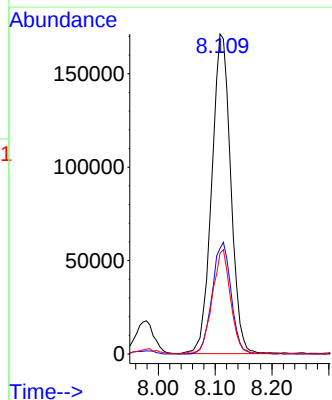
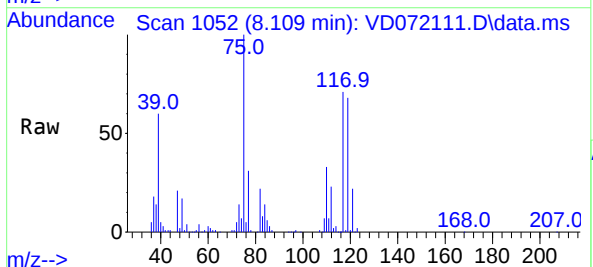
Tgt Ion: 75 Resp: 397009

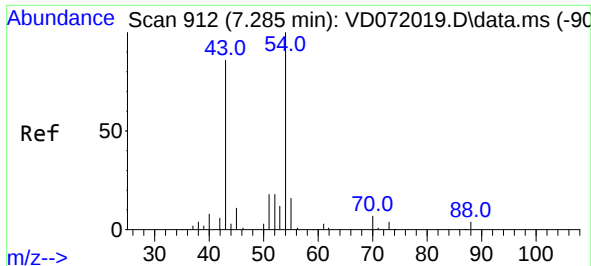
Ion Ratio Lower Upper

75 100

110 34.6 17.7 53.1

77 31.5 24.8 37.2





#37

Ethyl Acetate

Concen: 61.208 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

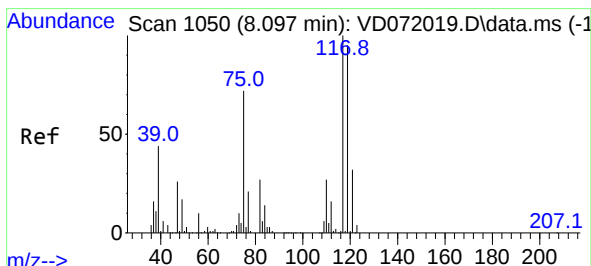
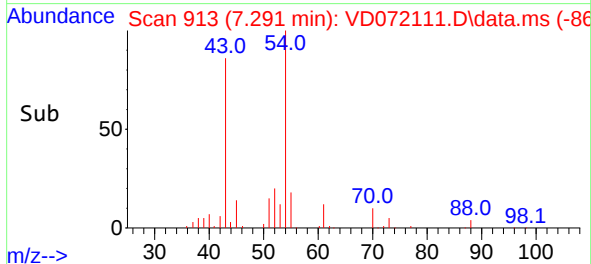
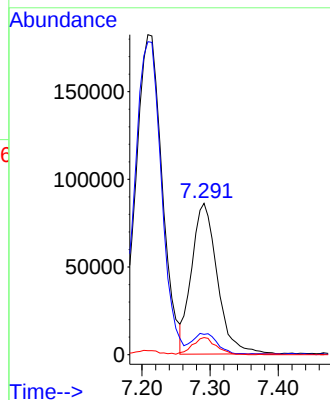
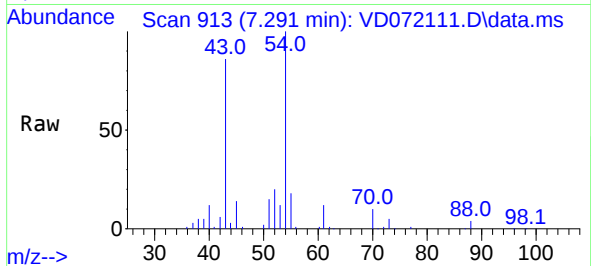
Tgt Ion: 43 Resp: 224595

Ion Ratio Lower Upper

43 100

61 12.7 9.8 14.8

70 10.4 7.4 11.2



#38

Carbon Tetrachloride

Concen: 50.745 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

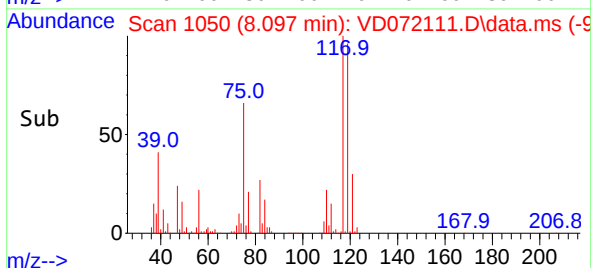
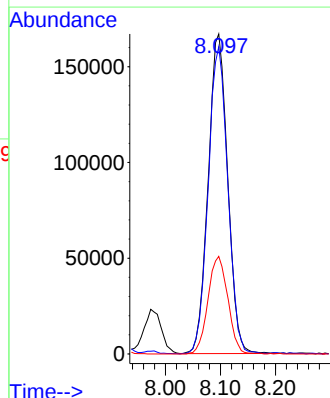
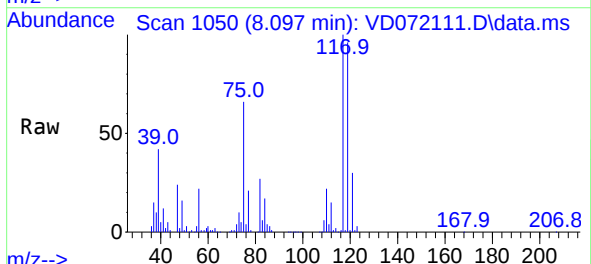
Tgt Ion: 117 Resp: 411561

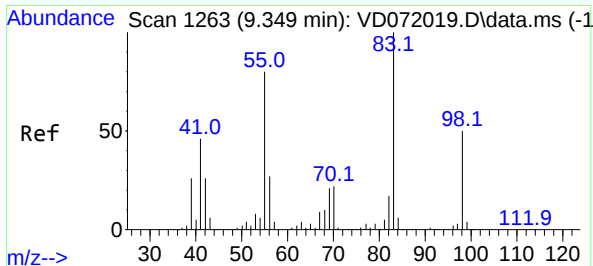
Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.8

121 30.5 25.8 38.6





#39

Methylcyclohexane

Concen: 51.623 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

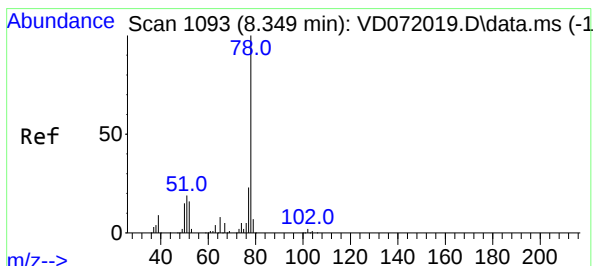
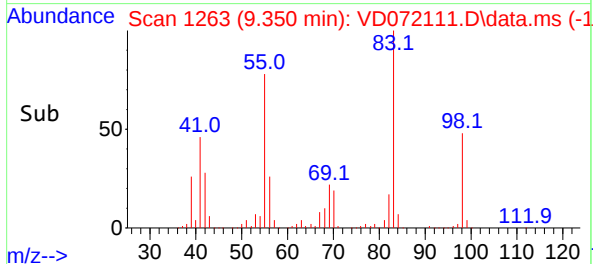
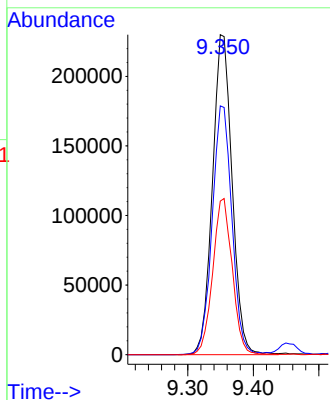
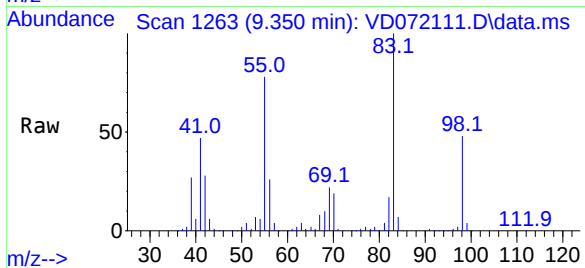
Tgt Ion: 83 Resp: 478092

Ion Ratio Lower Upper

83 100

55 77.7 64.0 96.0

98 48.0 39.8 59.8



#40

Benzene

Concen: 52.798 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072111.D

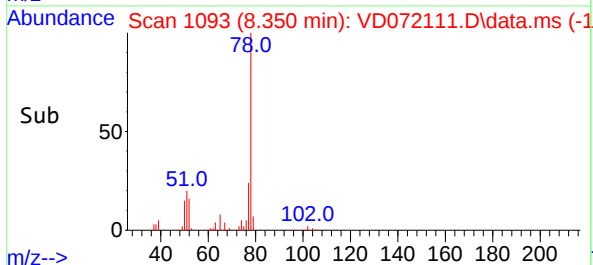
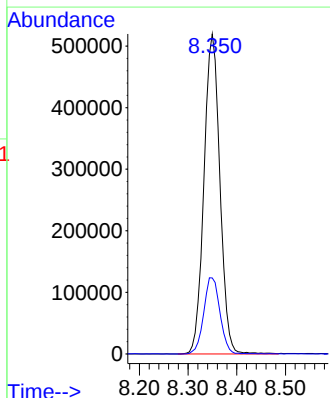
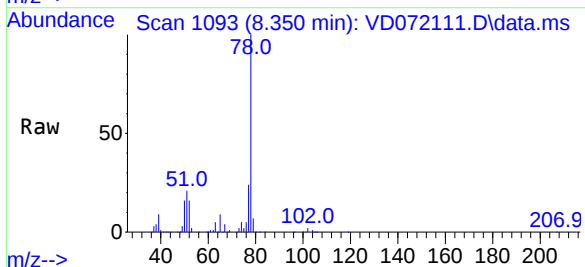
Acq: 25 Feb 2022 20:19

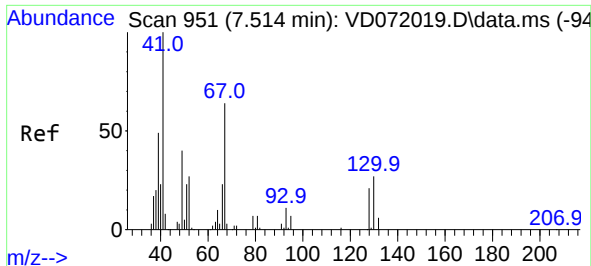
Tgt Ion: 78 Resp: 1178898

Ion Ratio Lower Upper

78 100

77 23.7 18.2 27.4

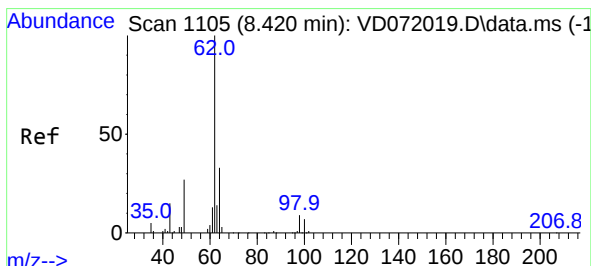
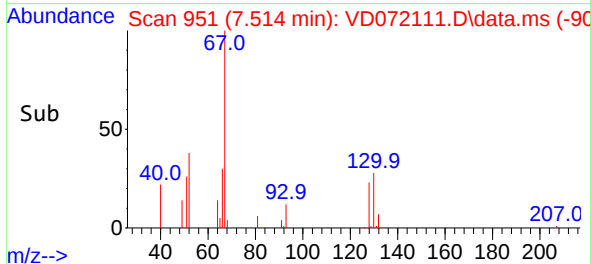
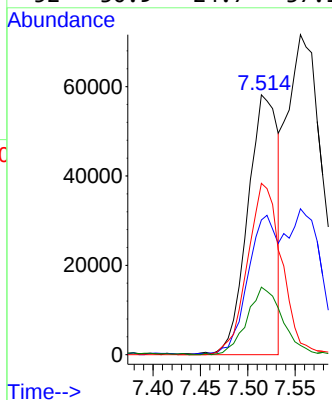
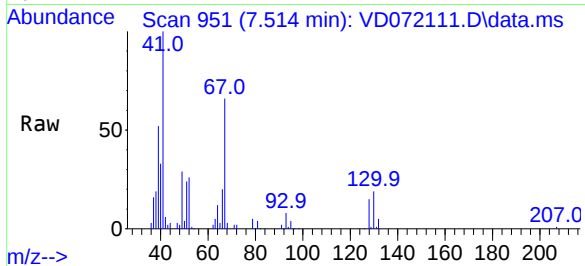




#41
Methacrylonitrile
Concen: 56.358 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

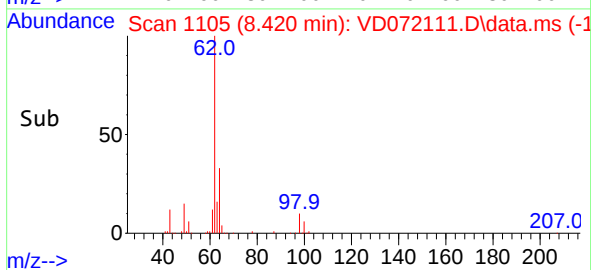
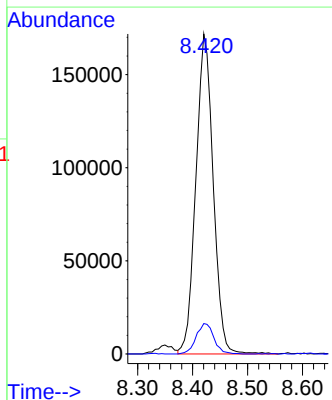
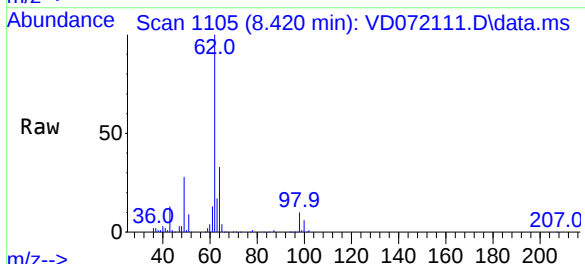
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

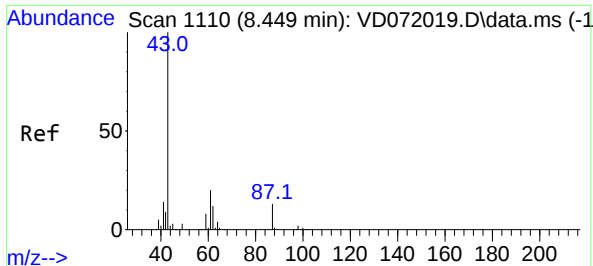
Tgt Ion: 41 Resp: 128239
Ion Ratio Lower Upper
41 100
39 53.0 46.7 70.1
67 75.6 57.6 86.4
52 30.9 24.7 37.1



#42
1,2-Dichloroethane
Concen: 56.253 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 62 Resp: 376774
Ion Ratio Lower Upper
62 100
98 9.7 0.0 20.0

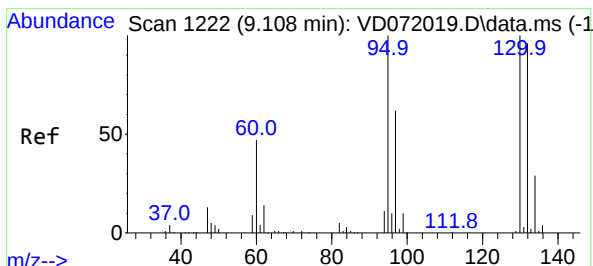
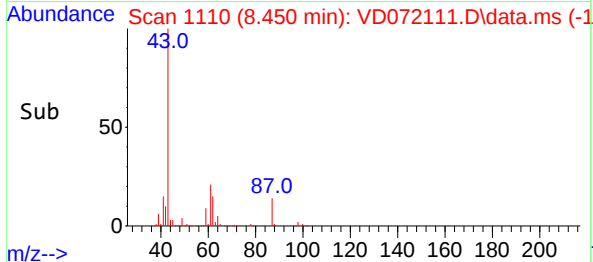
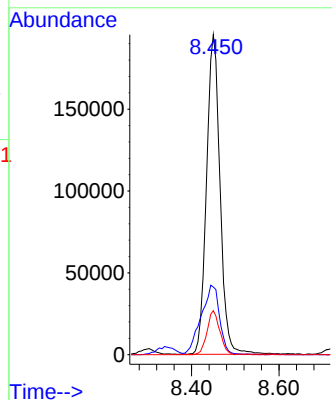
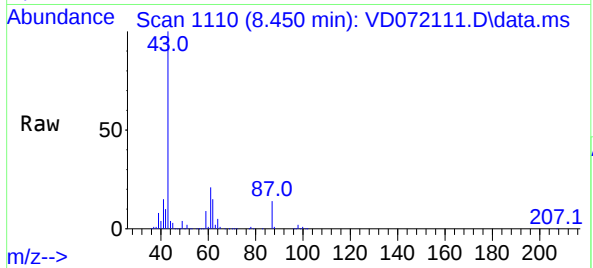




#43
Isopropyl Acetate
Concen: 61.660 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

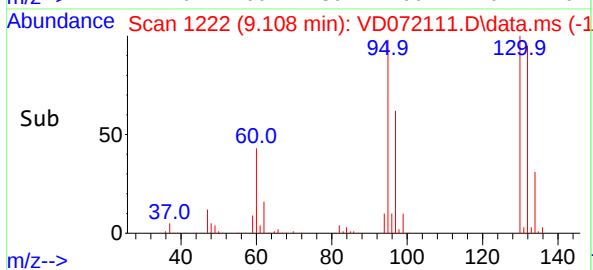
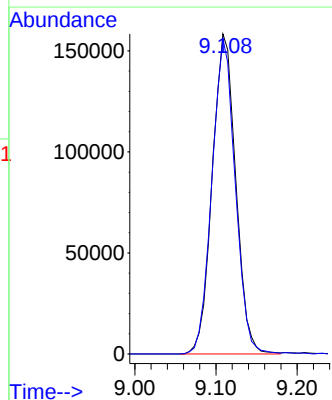
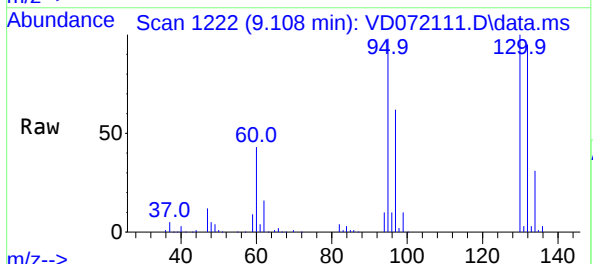
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

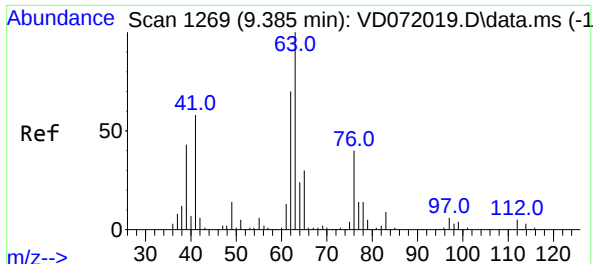
Tgt Ion: 43 Resp: 421326
Ion Ratio Lower Upper
43 100
61 29.7 24.6 37.0
87 12.9 10.1 15.1



#44
Trichloroethene
Concen: 52.170 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 130 Resp: 317490
Ion Ratio Lower Upper
130 100
95 98.5 0.0 199.4





#45

1,2-Dichloropropane

Concen: 54.086 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

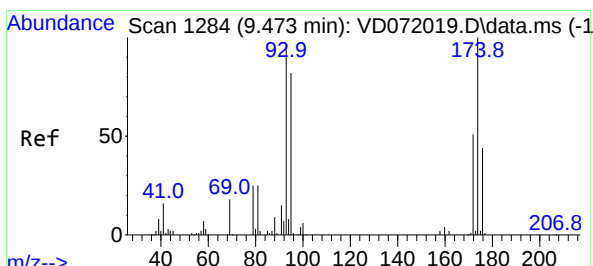
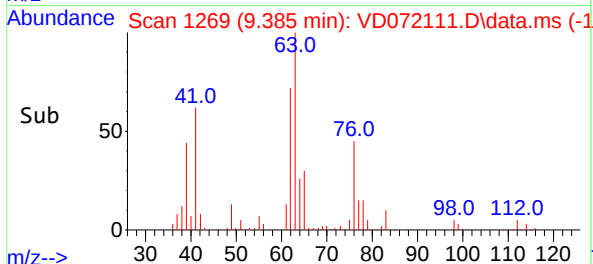
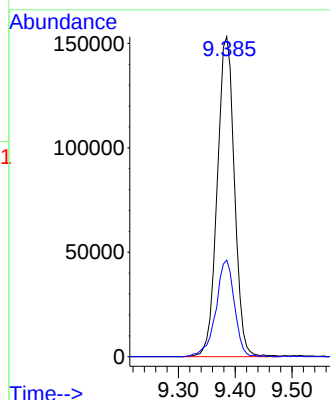
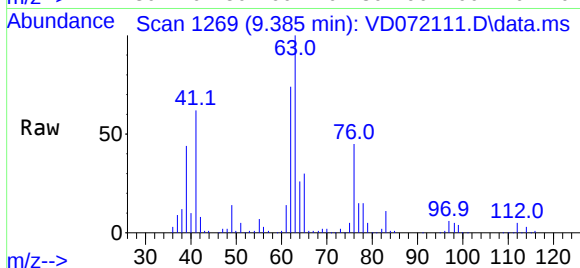
VSTDCCC050EC

Tgt Ion: 63 Resp: 322136

Ion Ratio Lower Upper

63 100

65 30.2 24.0 36.0



#46

Dibromomethane

Concen: 56.485 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

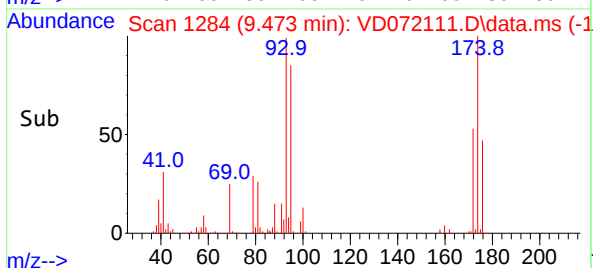
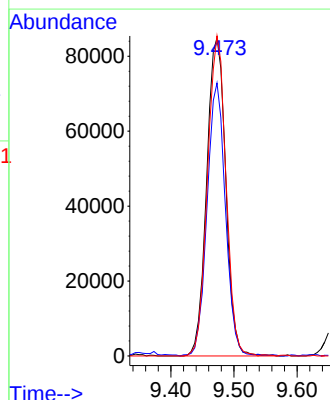
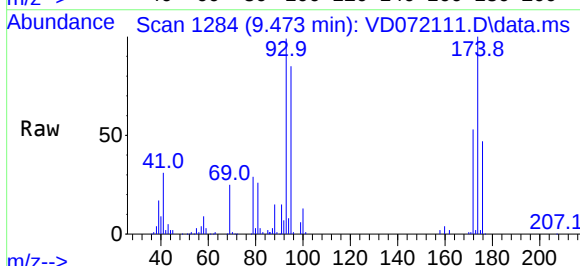
Tgt Ion: 93 Resp: 177540

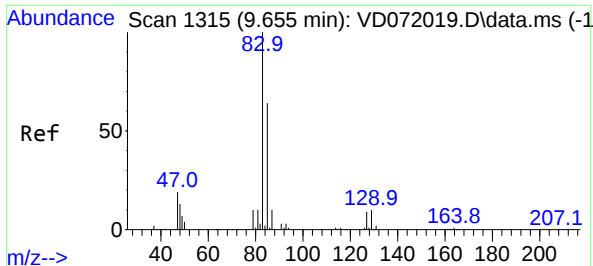
Ion Ratio Lower Upper

93 100

95 82.7 67.5 101.3

174 97.8 80.0 120.0

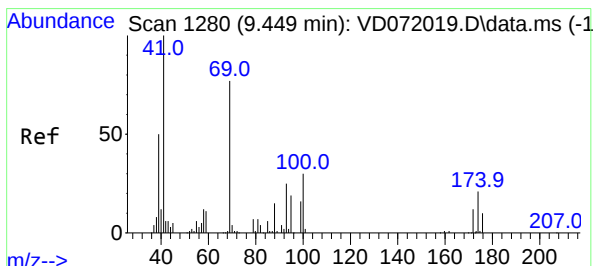
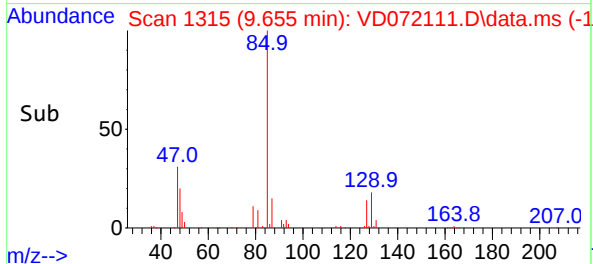
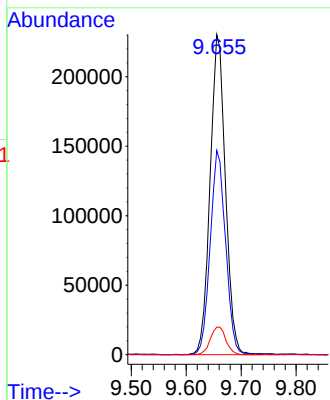
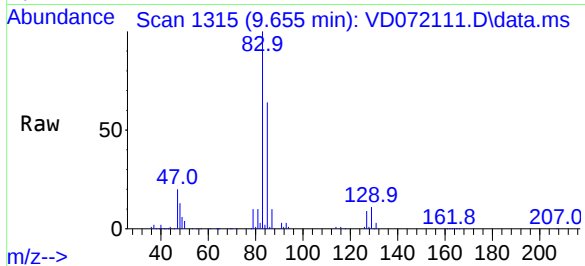




#47
Bromodichloromethane
Concen: 55.178 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

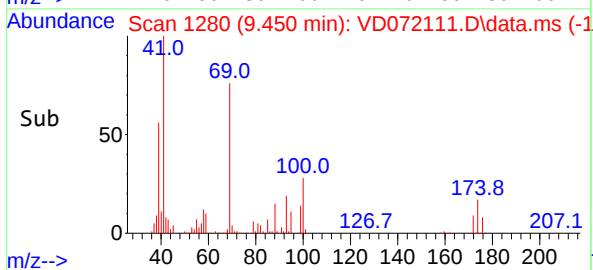
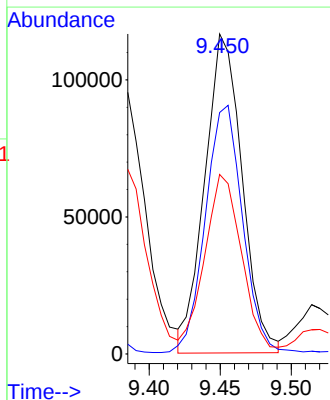
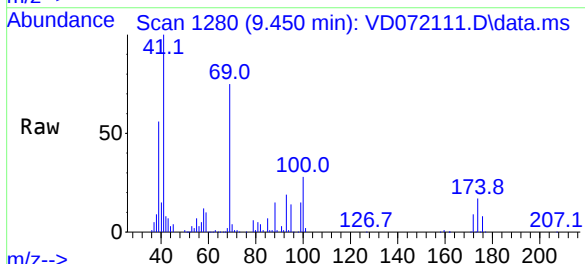
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

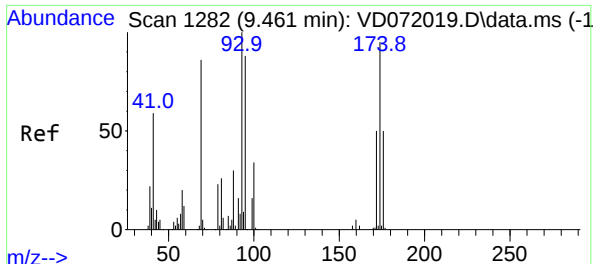
Tgt Ion: 83 Resp: 447389
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 61.529 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 41 Resp: 212378
Ion Ratio Lower Upper
41 100
69 77.6 61.6 92.4
39 51.7 38.6 57.8

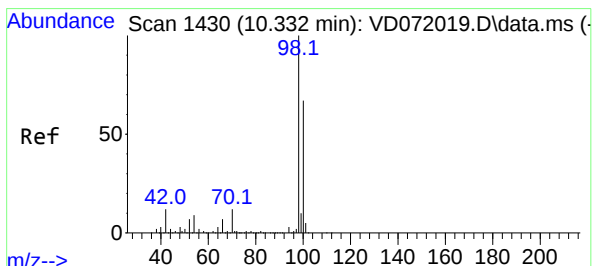
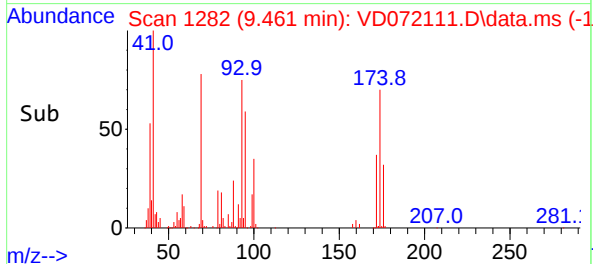
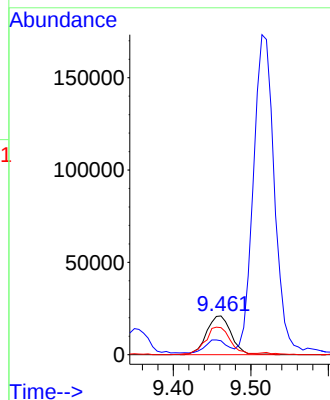
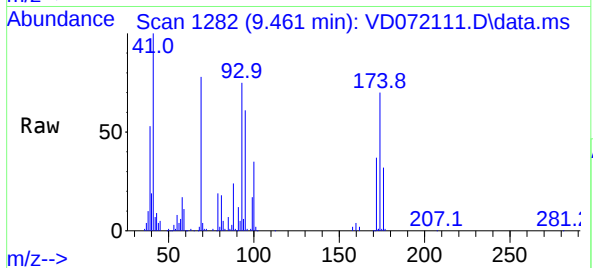




#49
1,4-Dioxane
Concen: 1237.888 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

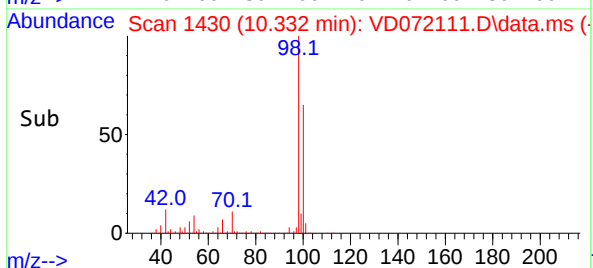
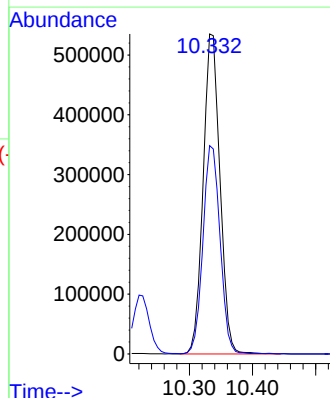
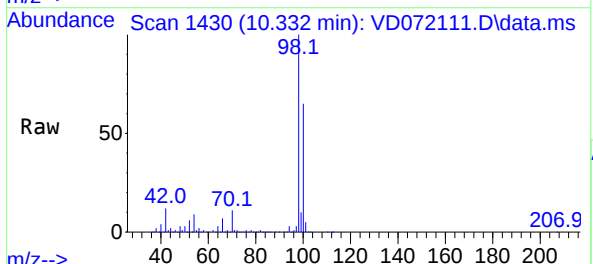
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

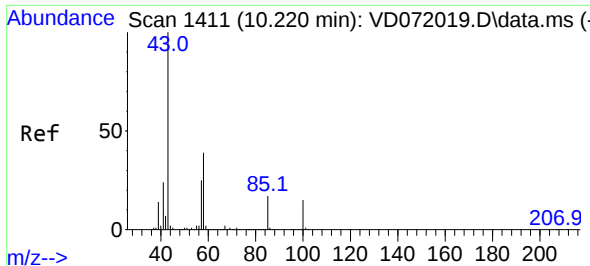
Tgt Ion: 88 Resp: 46157
Ion Ratio Lower Upper
88 100
43 33.8 29.9 44.9
58 72.4 61.0 91.4



#50
Toluene-d8
Concen: 51.101 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 98 Resp: 989925
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6





#51

4-Methyl-2-Pentanone

Concen: 312.648 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

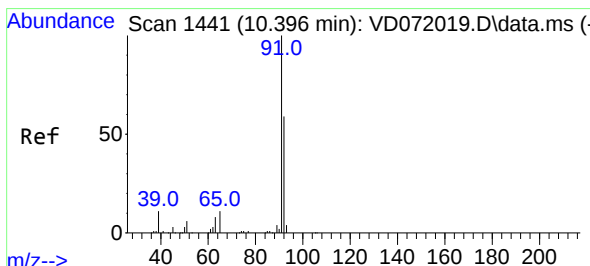
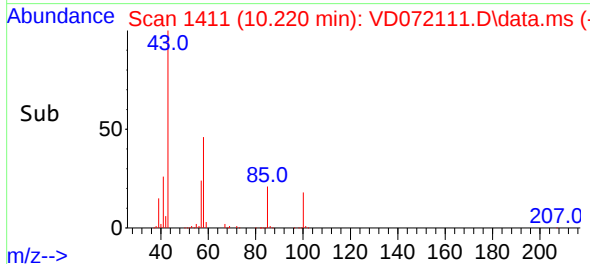
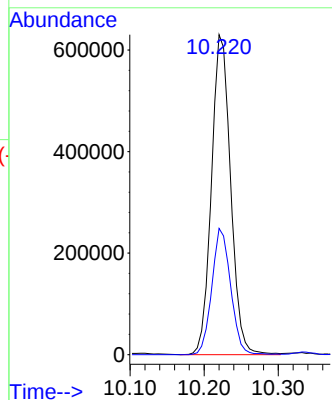
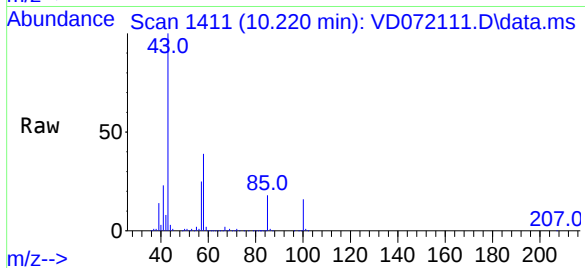
VSTDCCC050EC

Tgt Ion: 43 Resp: 1132186

Ion Ratio Lower Upper

43 100

58 38.8 30.8 46.2



#52

Toluene

Concen: 52.999 ug/l

RT: 10.397 min Scan# 1441

Delta R.T. 0.000 min

Lab File: VD072111.D

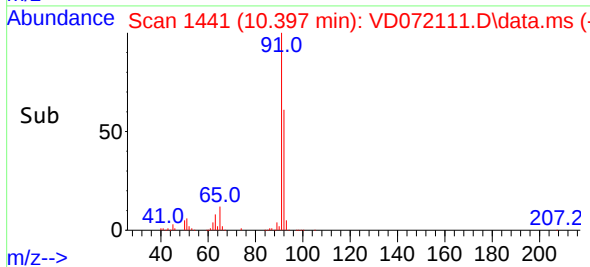
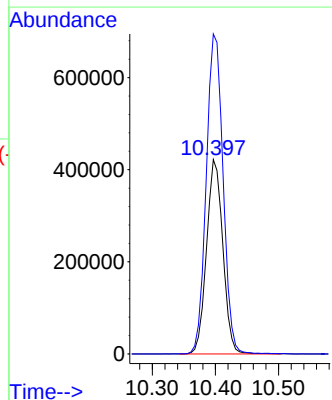
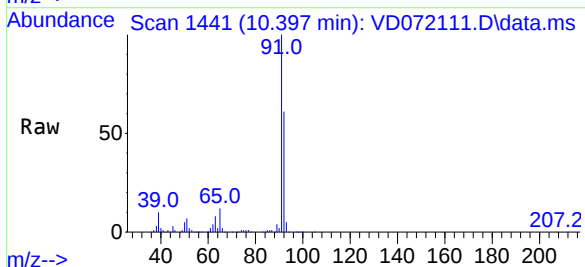
Acq: 25 Feb 2022 20:19

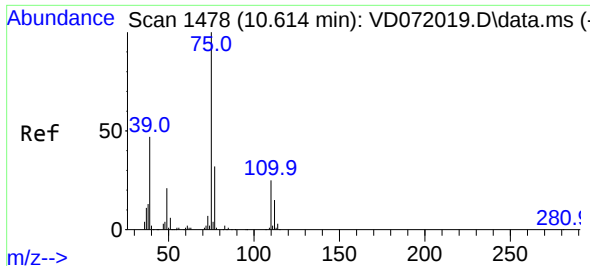
Tgt Ion: 92 Resp: 757306

Ion Ratio Lower Upper

92 100

91 170.1 135.6 203.4

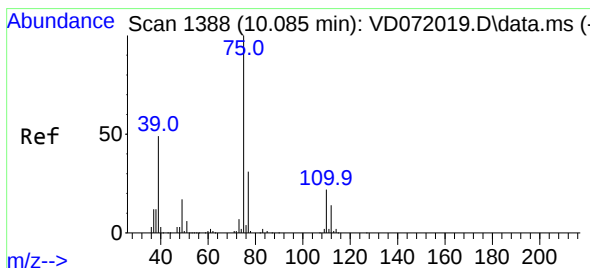
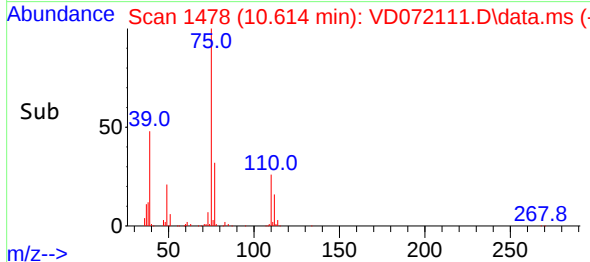
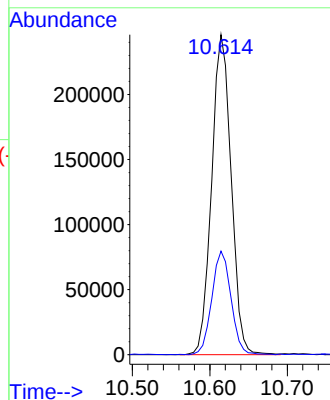
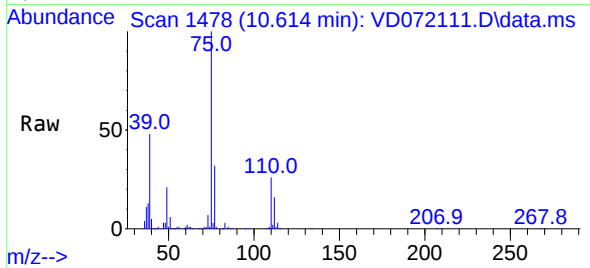




#53
t-1,3-Dichloropropene
Concen: 58.319 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

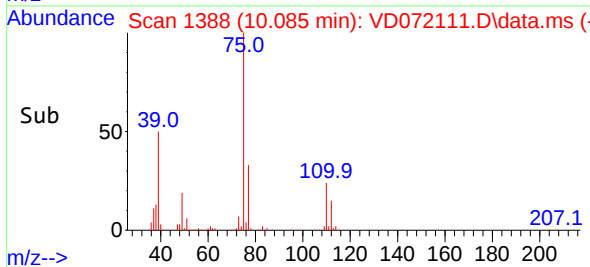
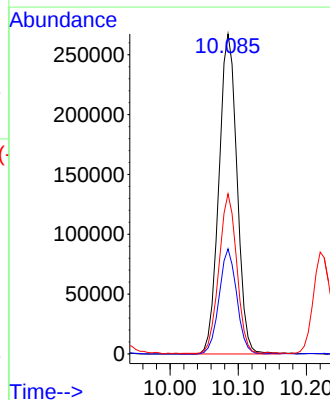
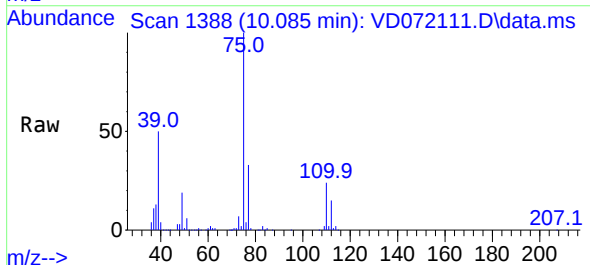
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

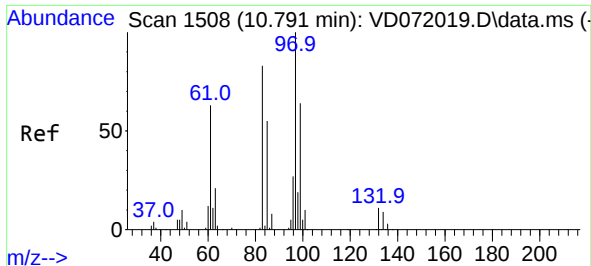
Tgt Ion: 75 Resp: 432456
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 56.331 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 75 Resp: 494382
Ion Ratio Lower Upper
75 100
77 32.9 24.7 37.1
39 49.9 39.1 58.7



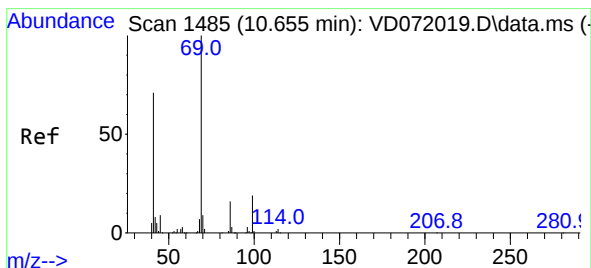
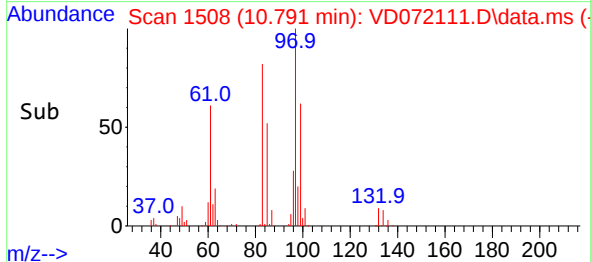
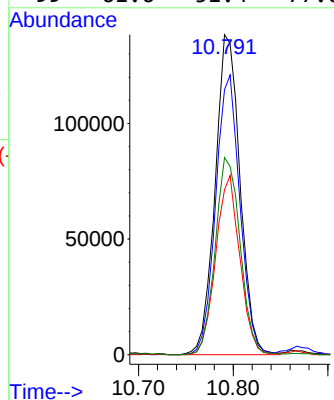
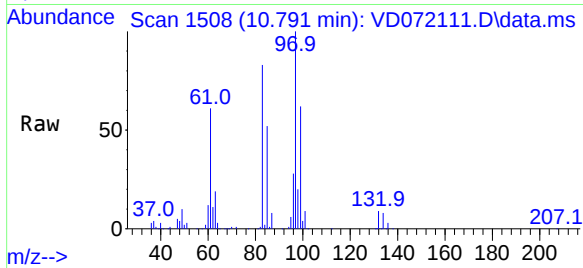


#55
1,1,2-Trichloroethane
Concen: 57.179 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 252917

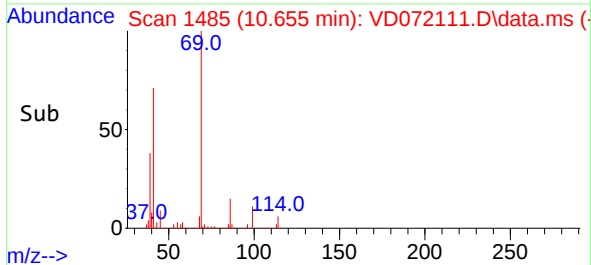
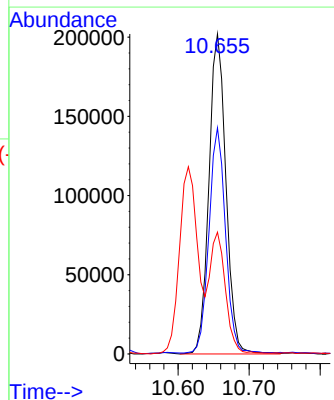
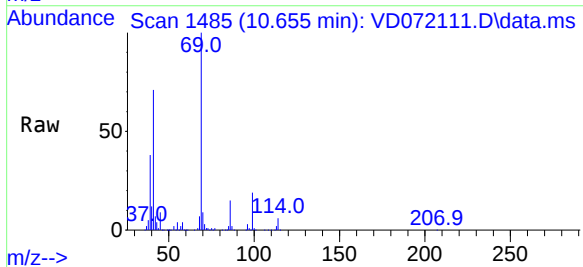
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.2	99.4
85	51.5	43.7	65.5
99	61.6	51.4	77.0

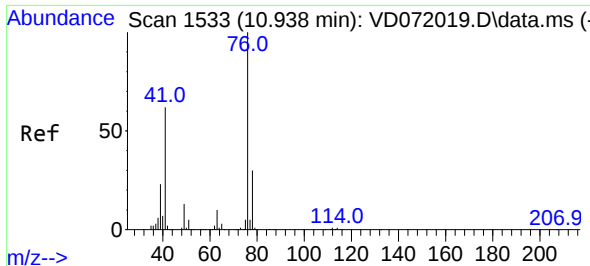


#56
Ethyl methacrylate
Concen: 63.663 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 69 Resp: 336279

Ion	Ratio	Lower	Upper
69	100		
41	68.4	56.8	85.2
39	34.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 56.744 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

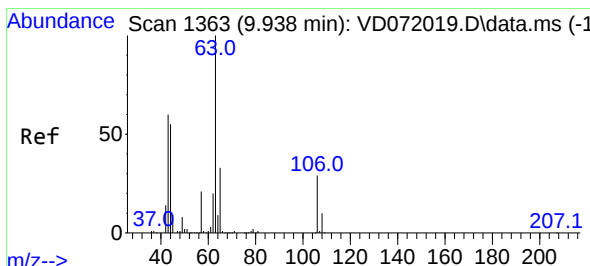
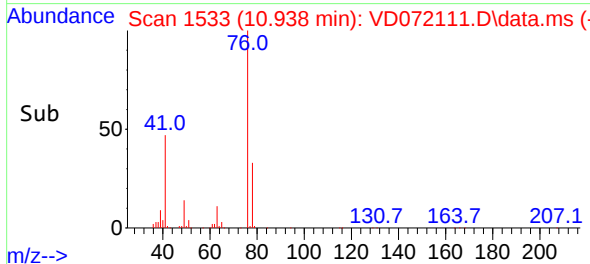
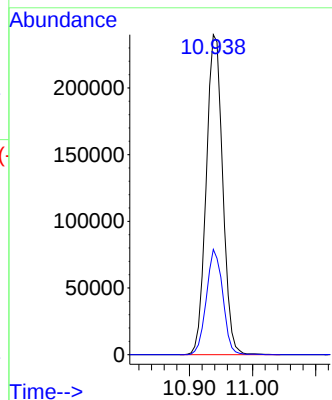
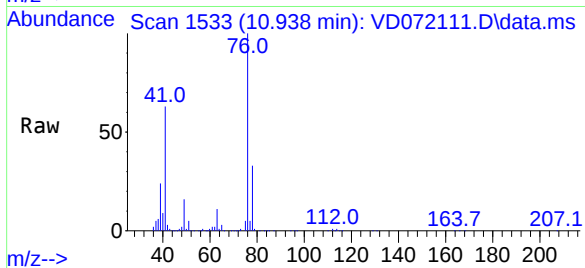
VSTDCCC050EC

Tgt Ion: 76 Resp: 433812

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 279.883 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072111.D

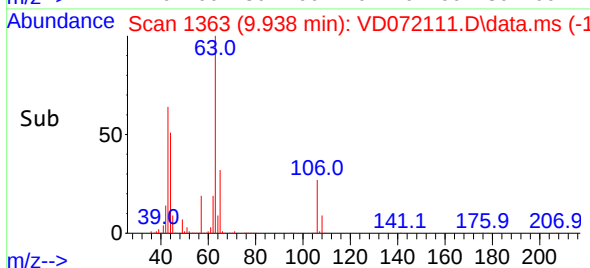
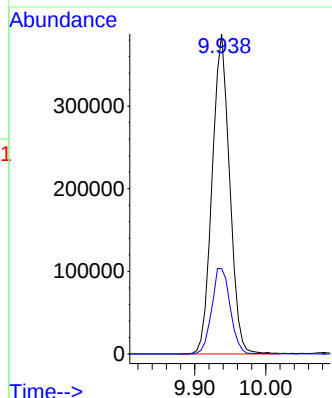
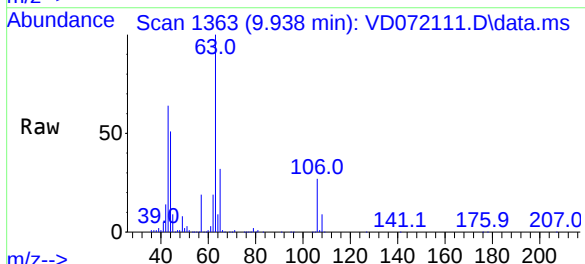
Acq: 25 Feb 2022 20:19

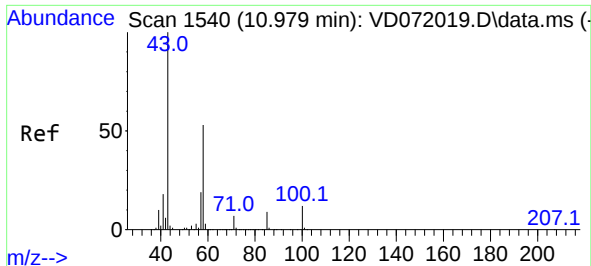
Tgt Ion: 63 Resp: 661391

Ion Ratio Lower Upper

63 100

106 28.3 22.6 33.8

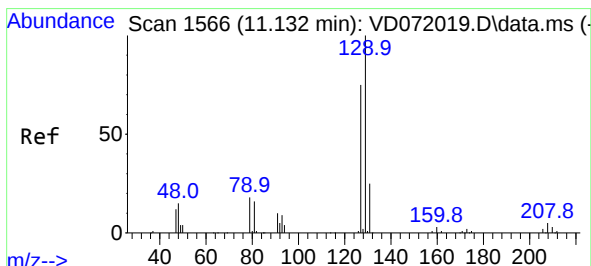
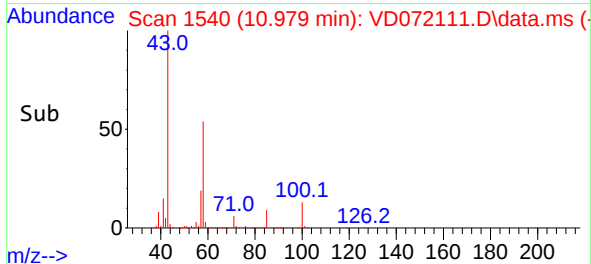
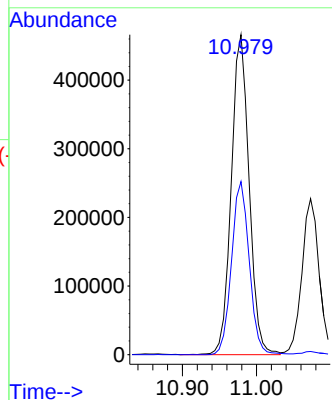
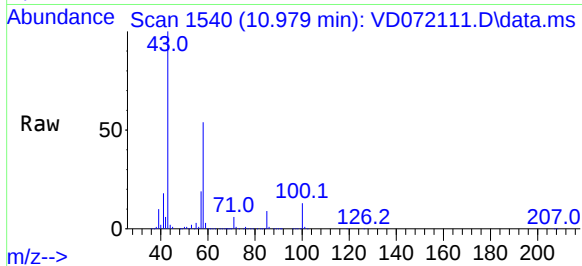




#59
2-Hexanone
Concen: 315.033 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

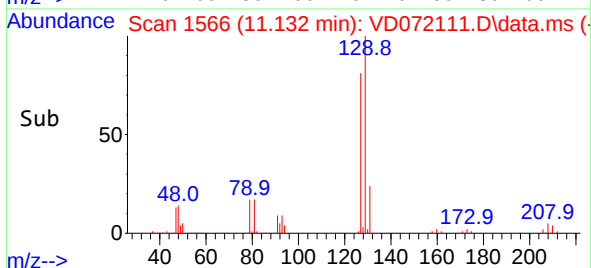
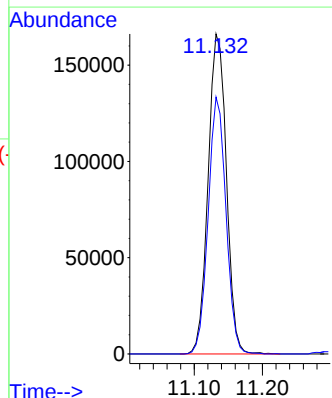
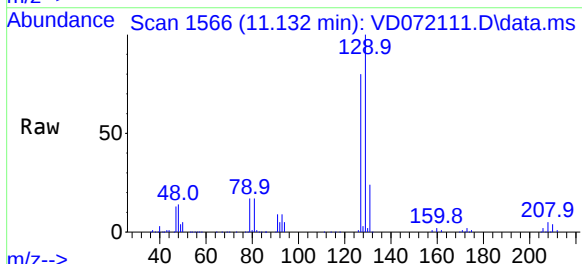
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

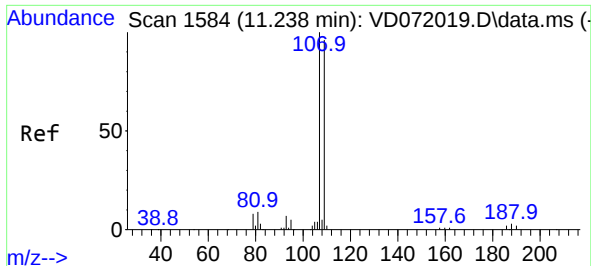
Tgt Ion: 43 Resp: 778141
Ion Ratio Lower Upper
43 100
58 53.8 27.0 80.8



#60
Dibromochloromethane
Concen: 56.225 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 129 Resp: 310571
Ion Ratio Lower Upper
129 100
127 78.2 37.6 112.9

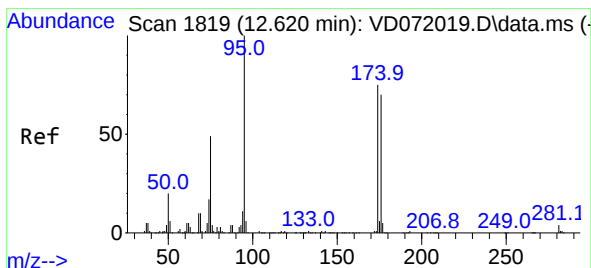
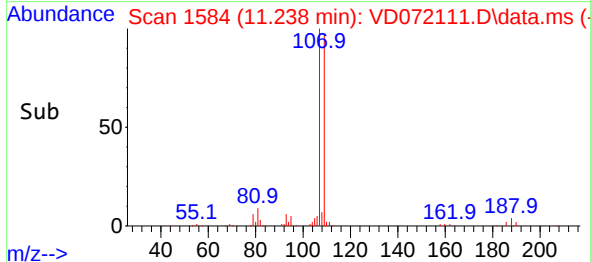
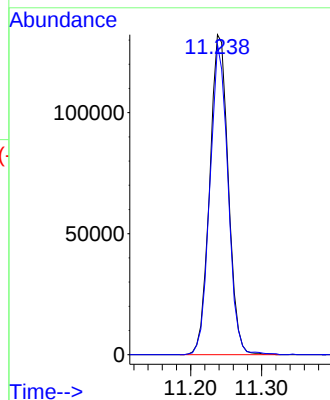
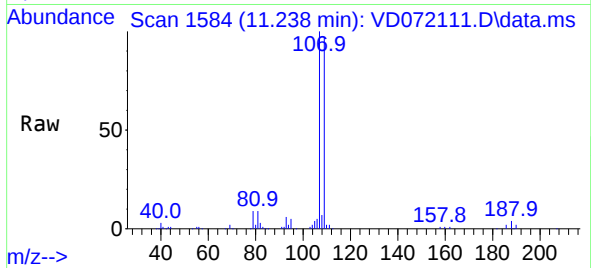




#61
1,2-Dibromoethane
Concen: 56.883 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

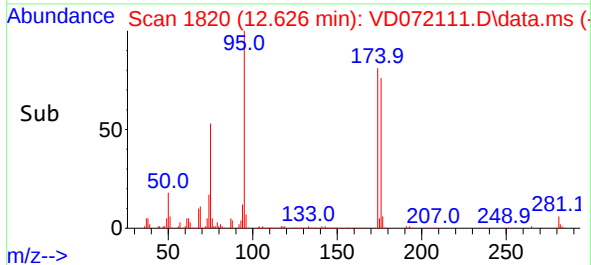
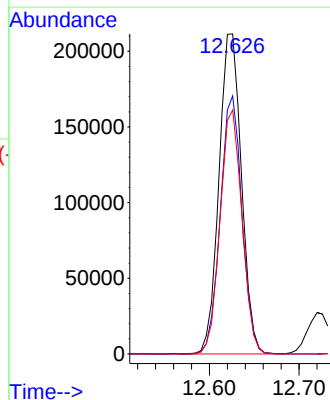
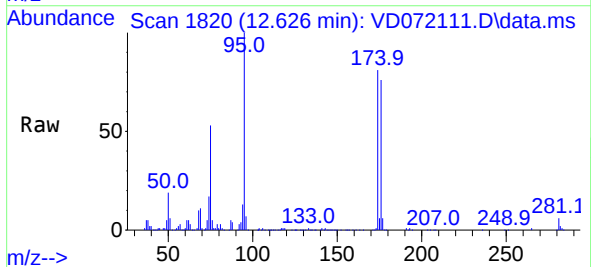
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

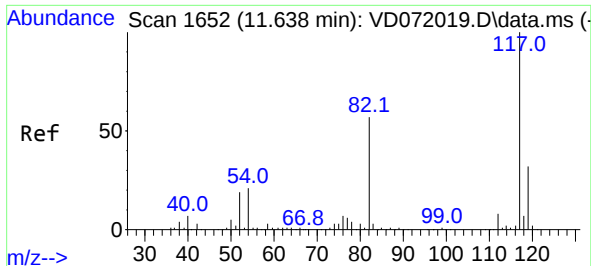
Tgt Ion:107 Resp: 240441
Ion Ratio Lower Upper
107 100
109 94.1 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 51.714 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 95 Resp: 367992
Ion Ratio Lower Upper
95 100
174 77.4 0.0 155.0
176 74.2 0.0 148.8

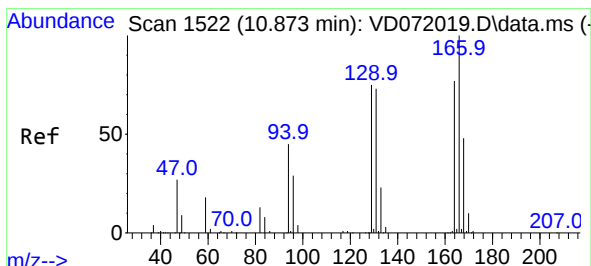
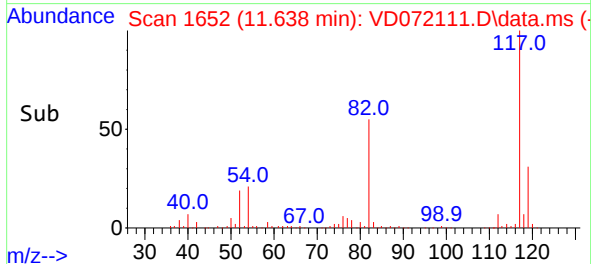
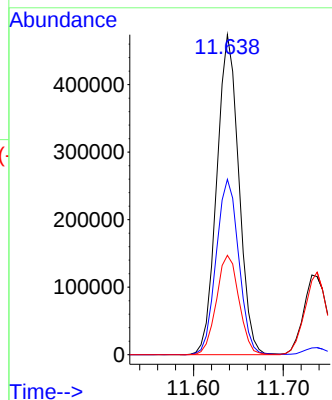
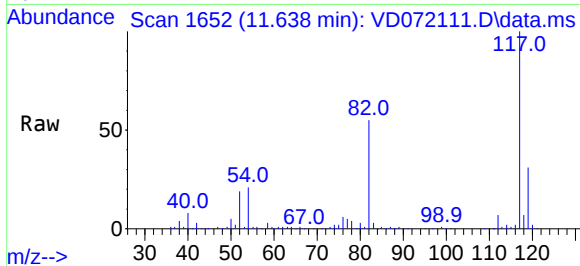




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

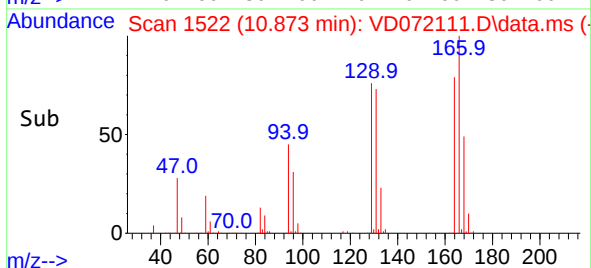
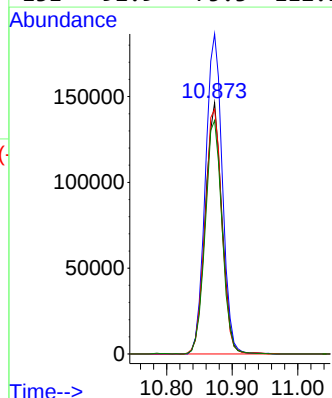
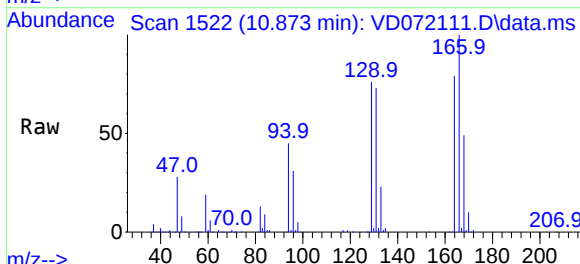
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

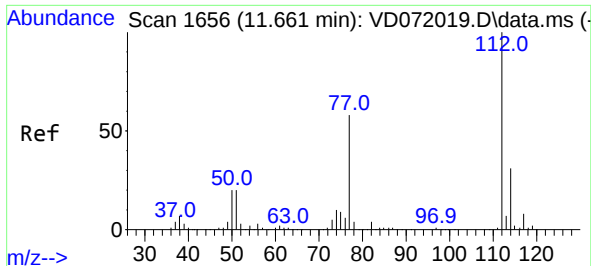
Tgt Ion:117 Resp: 808200
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 31.1 25.4 38.2



#64
Tetrachloroethene
Concen: 50.851 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:164 Resp: 259463
Ion Ratio Lower Upper
164 100
166 127.4 103.4 155.2
129 97.4 77.8 116.6
131 92.9 75.3 112.9

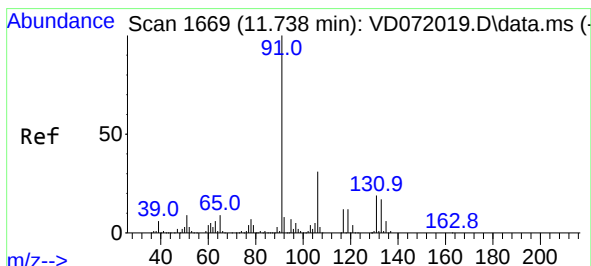
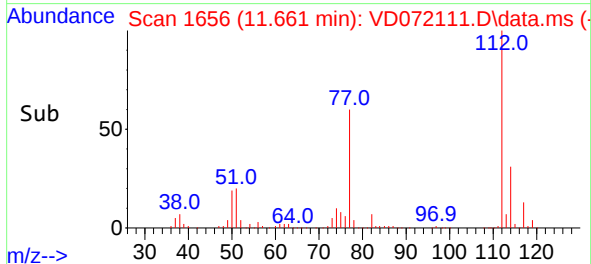
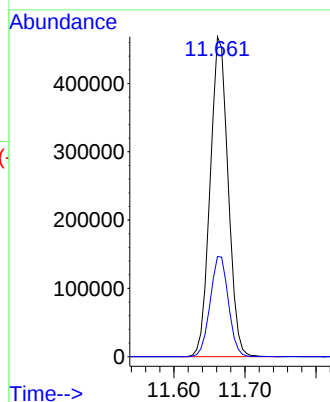
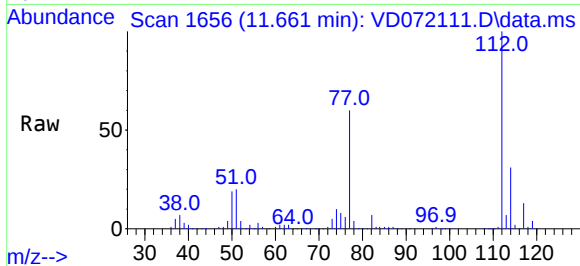




#65
Chlorobenzene
Concen: 52.516 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

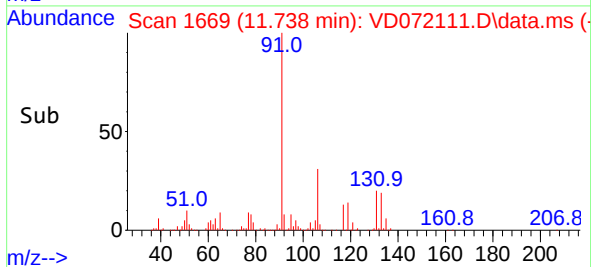
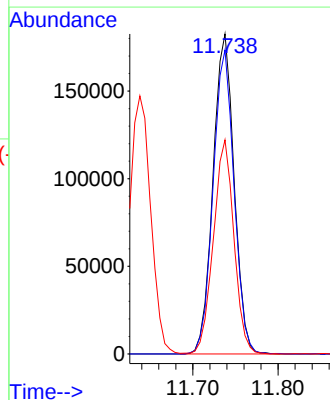
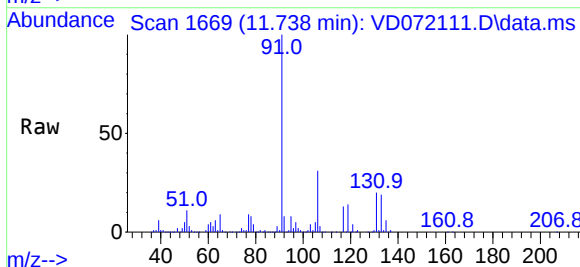
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

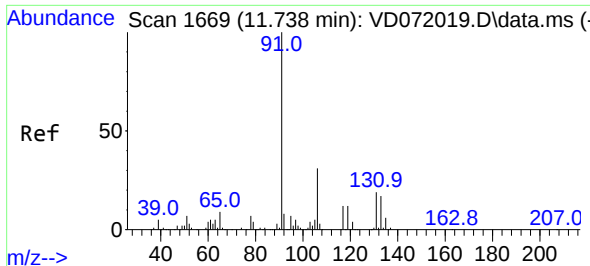
Tgt Ion:112 Resp: 822590
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.881 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:131 Resp: 313241
Ion Ratio Lower Upper
131 100
133 94.7 47.1 141.4
119 65.5 32.8 98.3

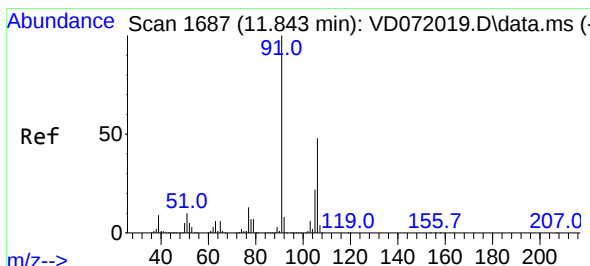
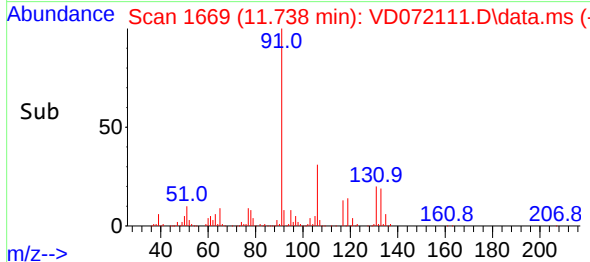
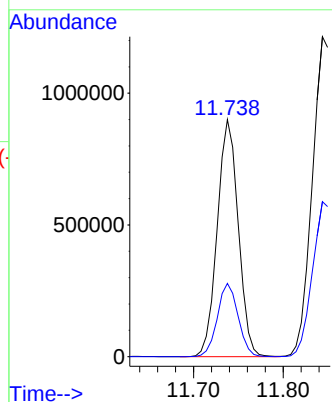
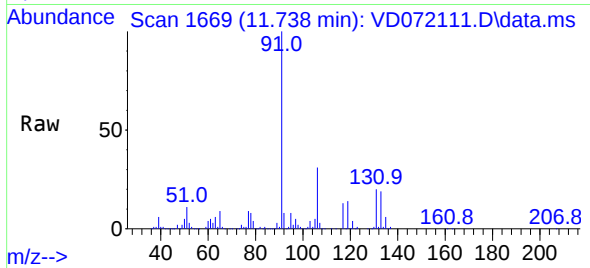




#67
Ethyl Benzene
Concen: 53.144 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

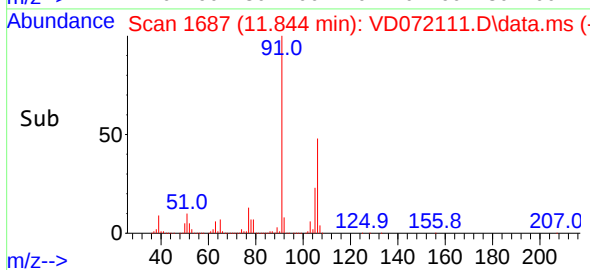
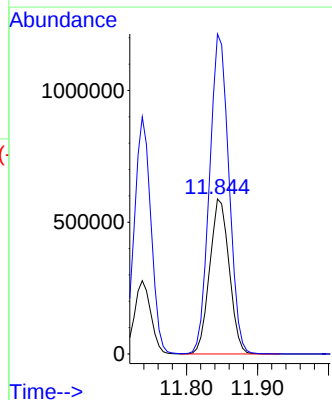
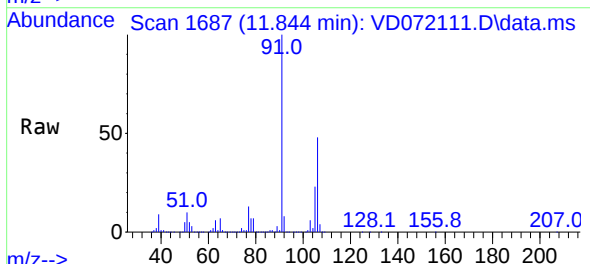
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

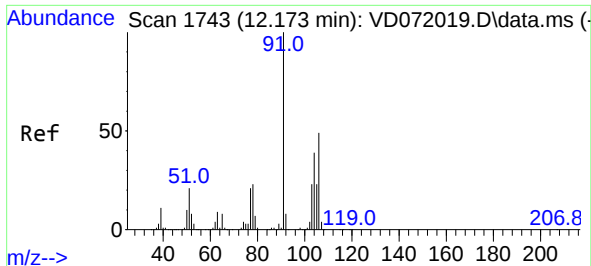
Tgt Ion: 91 Resp: 1463733
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 106.335 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:106 Resp: 1121160
Ion Ratio Lower Upper
106 100
91 205.3 162.6 243.8

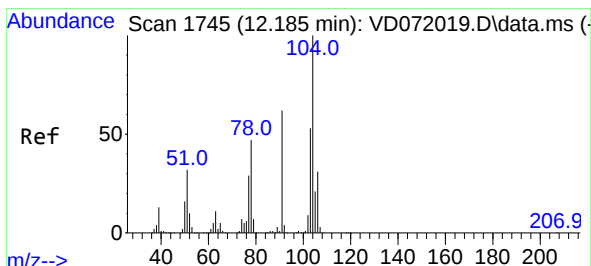
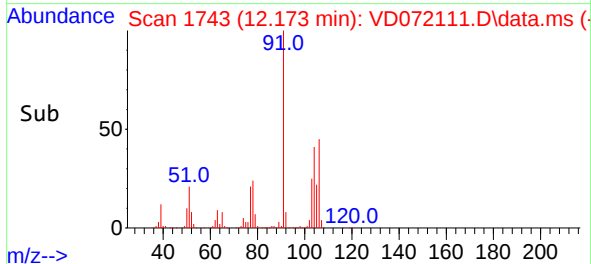
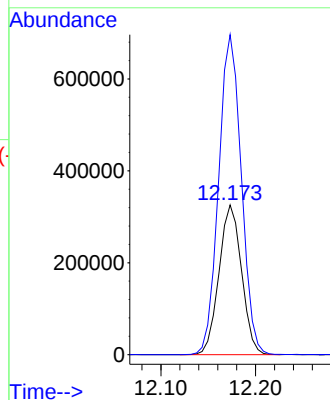
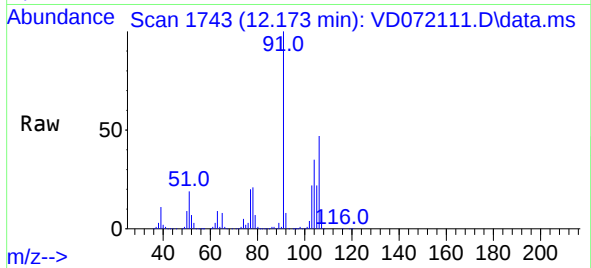




#69
o-Xylene
Concen: 54.387 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

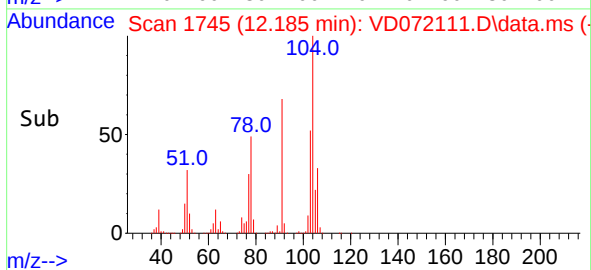
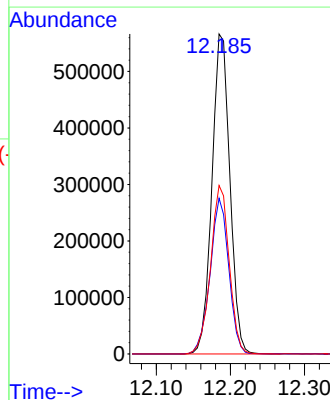
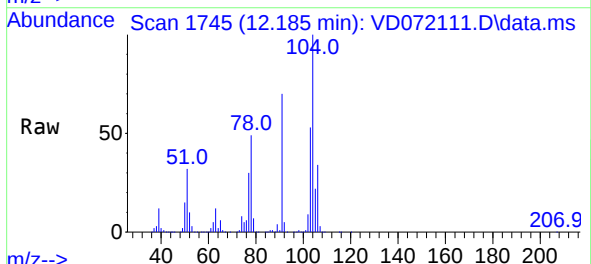
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

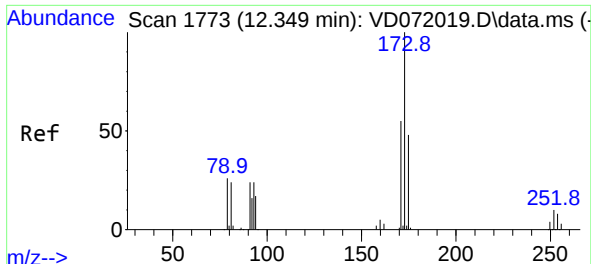
Tgt Ion:106 Resp: 539437
Ion Ratio Lower Upper
106 100
91 215.1 106.0 317.9



#70
Styrene
Concen: 55.903 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:104 Resp: 951526
Ion Ratio Lower Upper
104 100
78 50.5 40.1 60.1
103 54.6 43.7 65.5

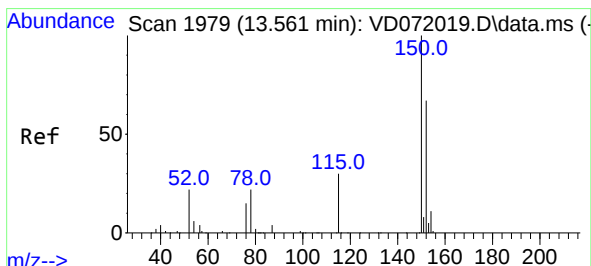
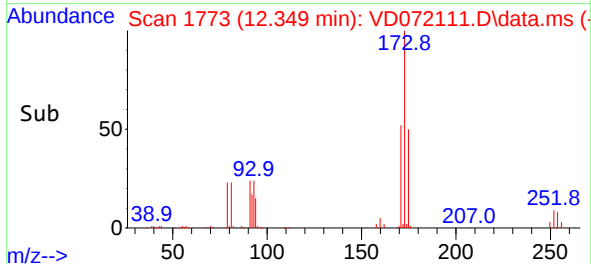
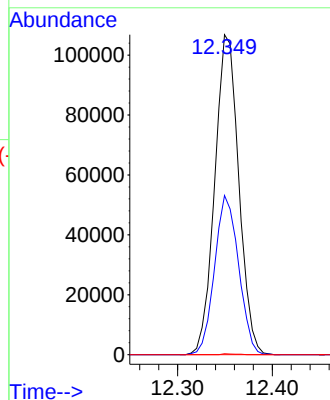
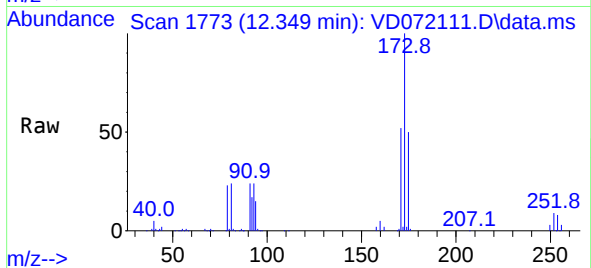




#71
Bromoform
Concen: 56.475 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

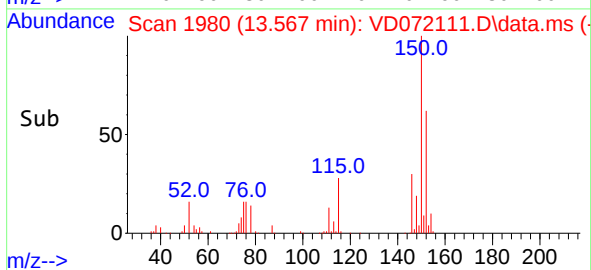
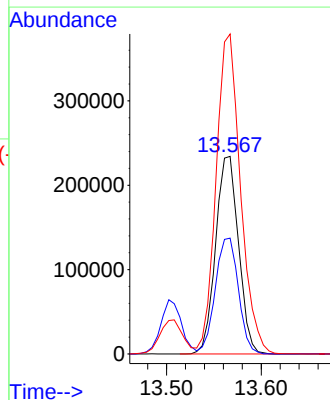
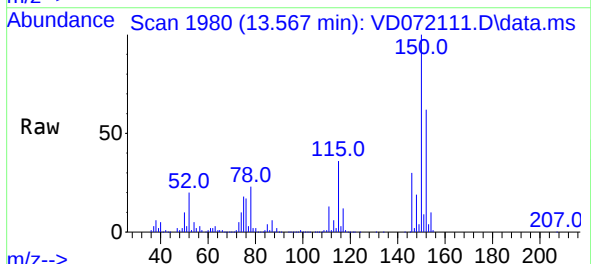
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

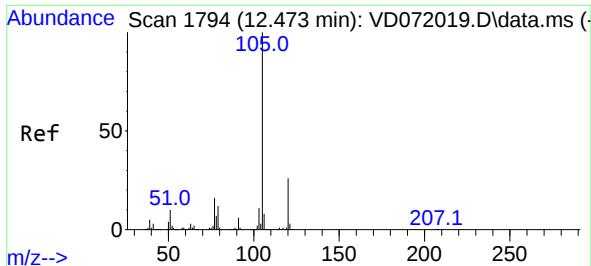
Tgt Ion:173 Resp: 188300
Ion Ratio Lower Upper
173 100
175 49.7 25.0 75.0
255 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:152 Resp: 393484
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 172.6 0.0 347.6

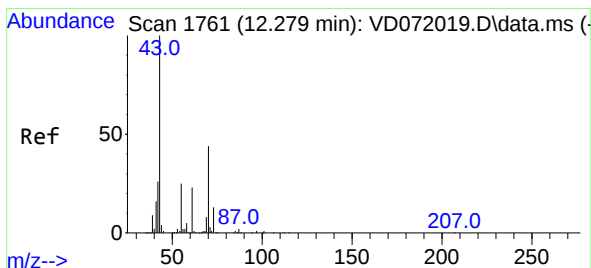
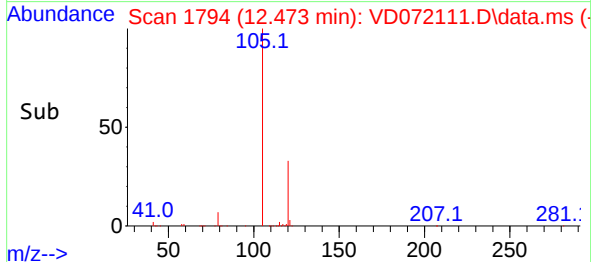
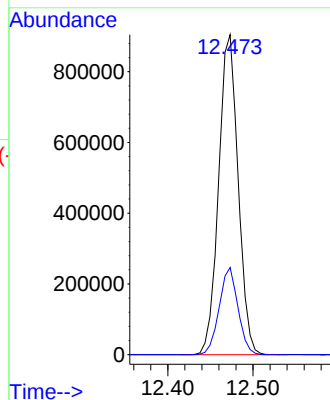
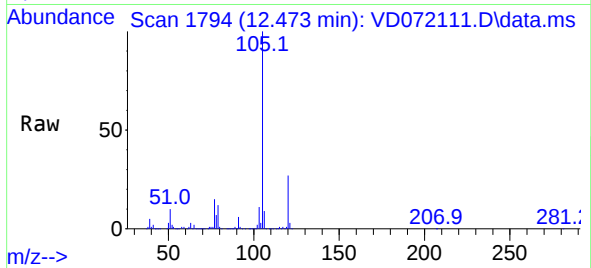




#73
Isopropylbenzene
Concen: 53.164 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

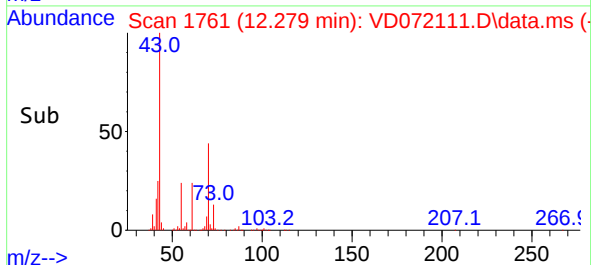
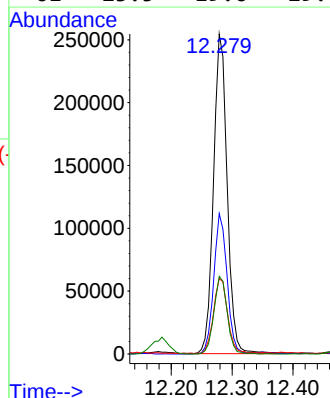
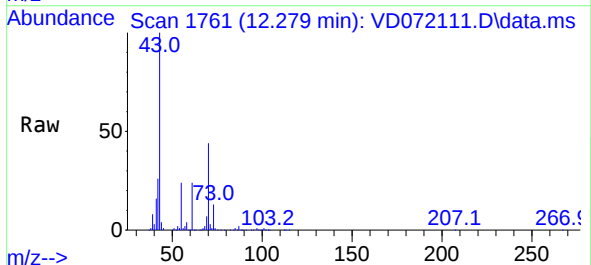
Instrument :
MSVOA_D
ClientSampleId :
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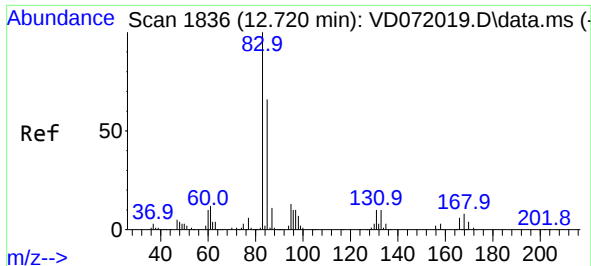
Tgt Ion:105 Resp: 1436318
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 60.899 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 43 Resp: 397291
Ion Ratio Lower Upper
43 100
70 42.9 33.2 49.8
55 24.5 20.6 30.8
61 23.5 19.6 29.4

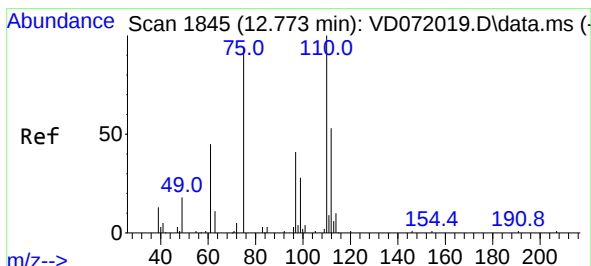
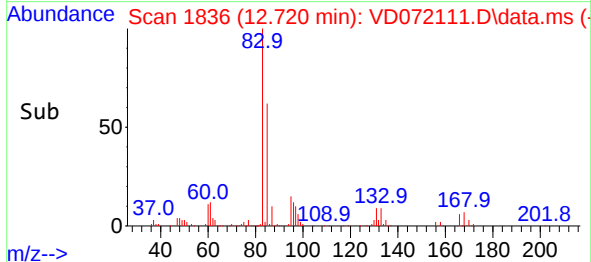
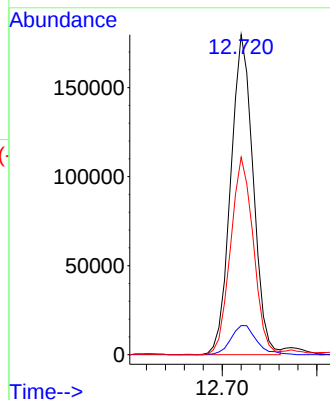
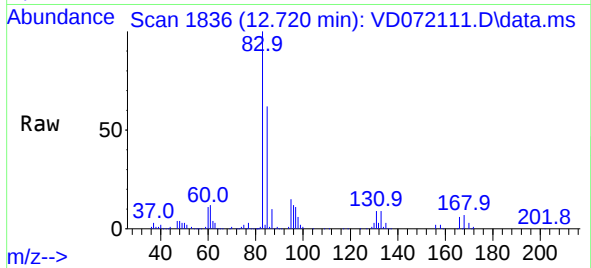




#75
1,1,2,2-Tetrachloroethane
Concen: 55.435 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

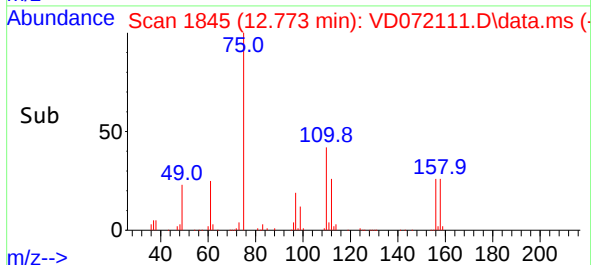
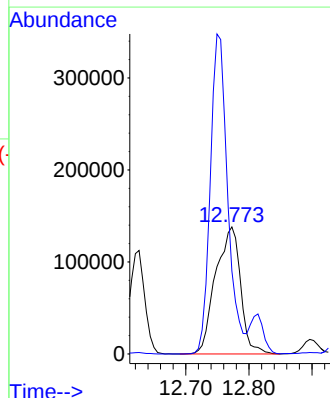
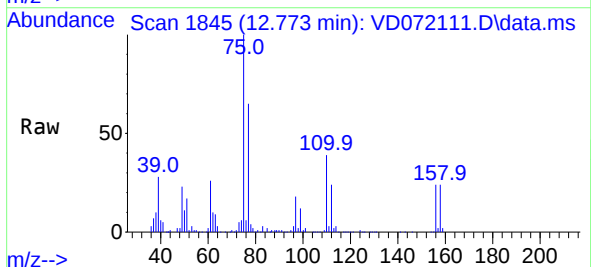
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

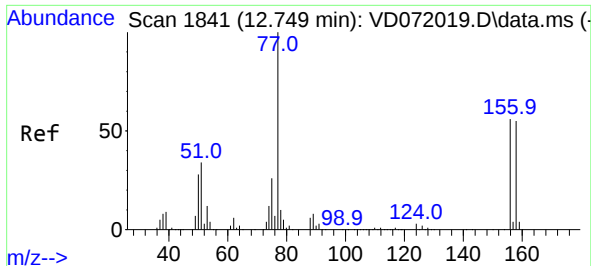
Tgt Ion: 83 Resp: 296106
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.4
85 62.7 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 101.562 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 75 Resp: 378538
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

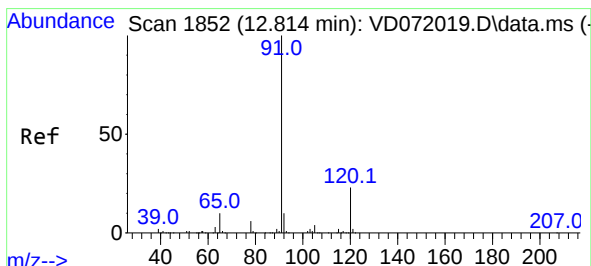
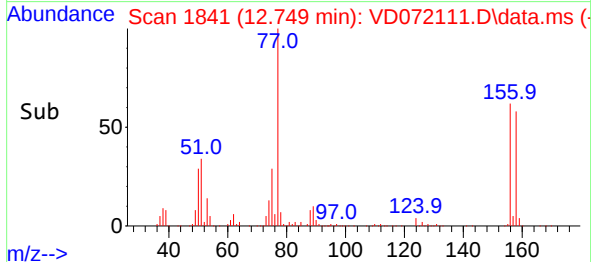
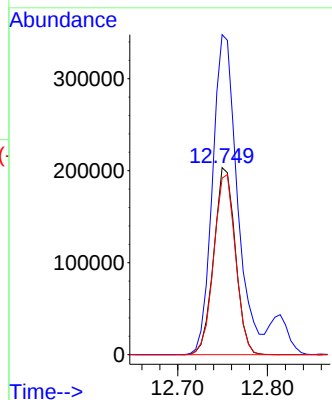
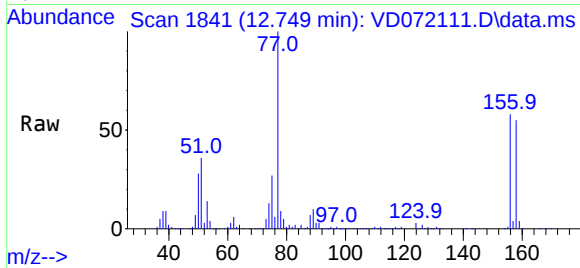




#77
Bromobenzene
Concen: 53.686 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

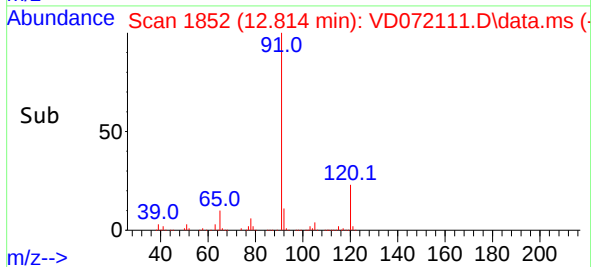
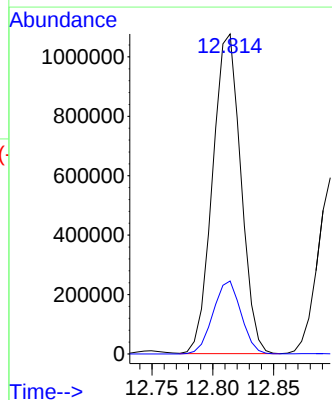
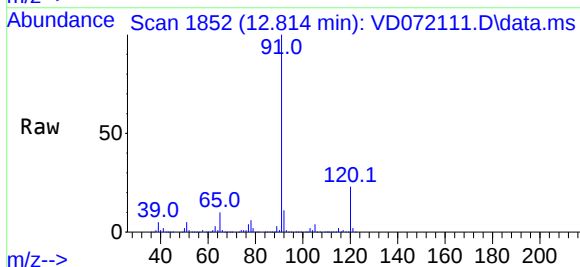
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

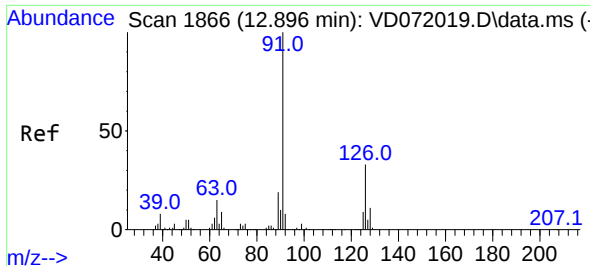
Tgt Ion:156 Resp: 339658
Ion Ratio Lower Upper
156 100
77 196.9 93.6 280.8
158 97.1 47.7 143.1



#78
n-propylbenzene
Concen: 52.427 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 91 Resp: 1740966
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5

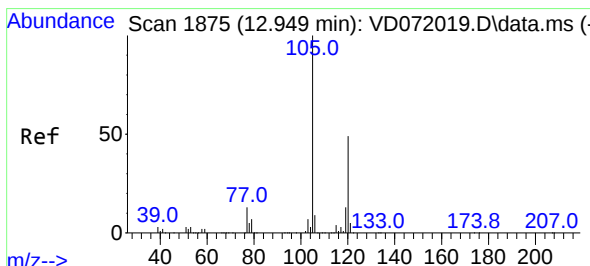
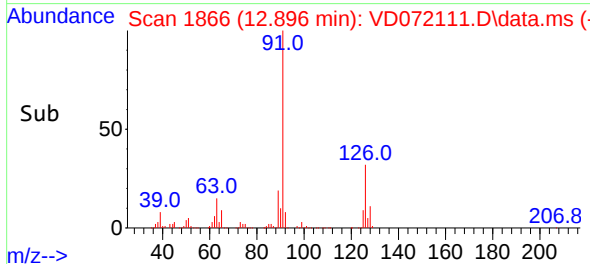
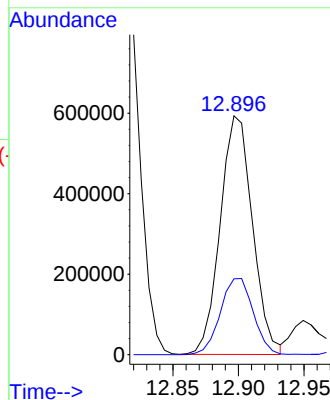
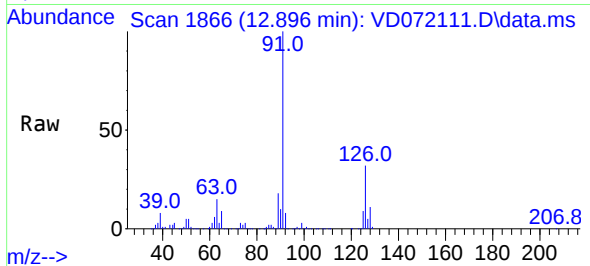




#79
2-Chlorotoluene
Concen: 52.905 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

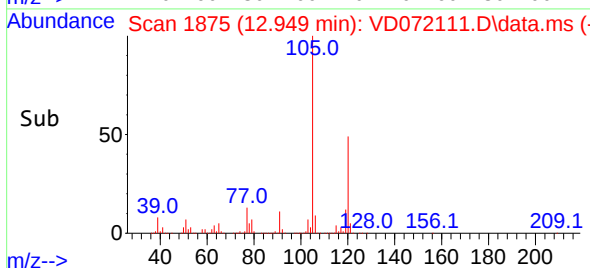
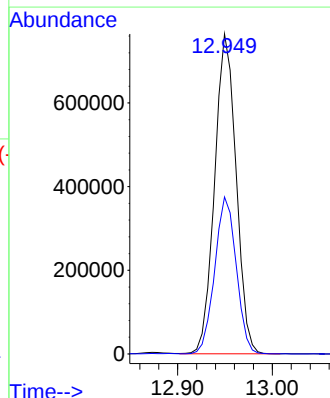
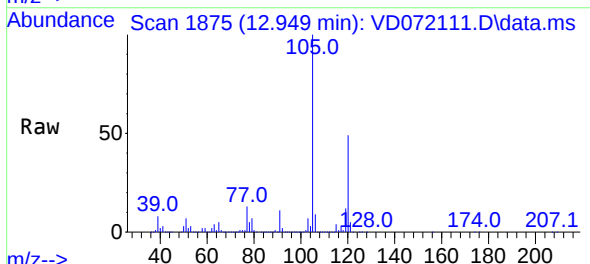
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

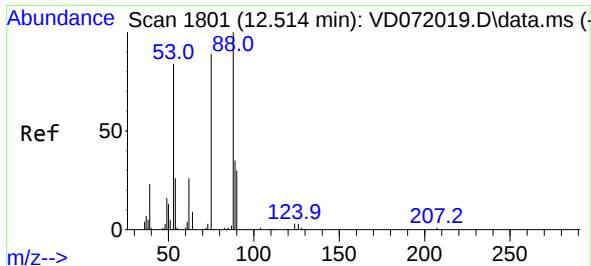
Tgt Ion: 91 Resp: 1016820
Ion Ratio Lower Upper
91 100
126 32.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 53.396 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:105 Resp: 1204581
Ion Ratio Lower Upper
105 100
120 49.2 24.9 74.7

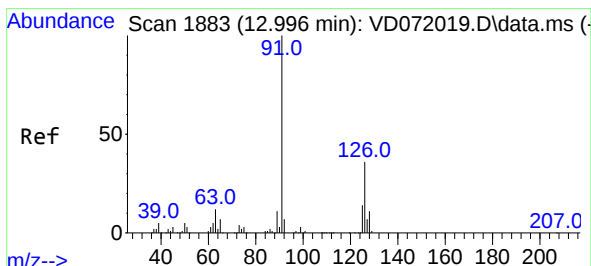
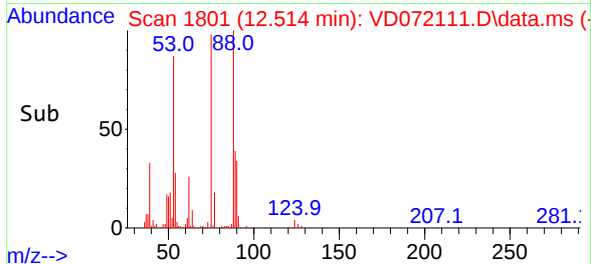
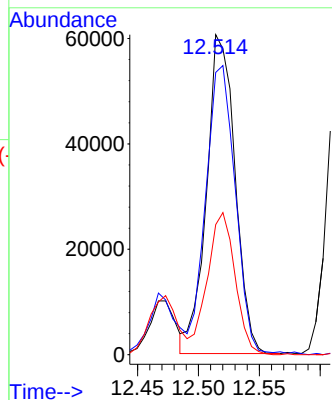
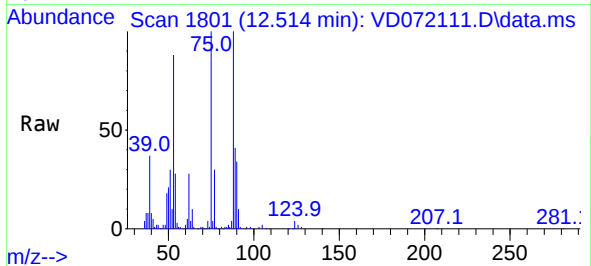




#81
trans-1,4-Dichloro-2-butene
Concen: 66.424 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

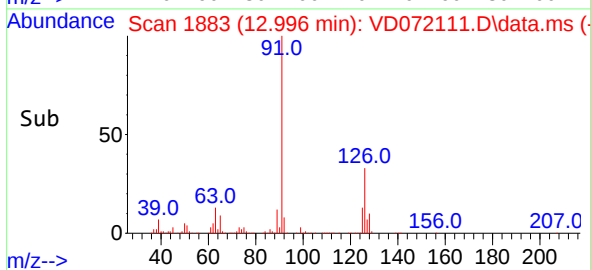
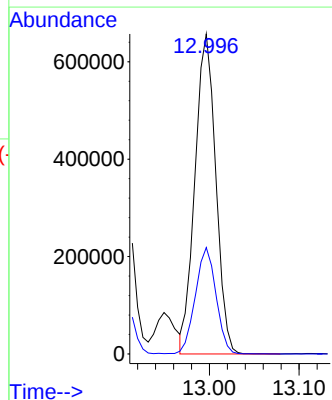
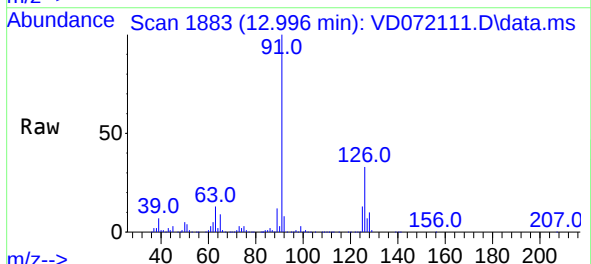
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

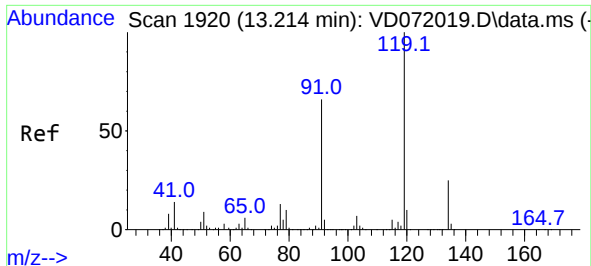
Tgt Ion: 75 Resp: 98863
Ion Ratio Lower Upper
75 100
53 93.7 80.2 120.4
89 43.4 36.4 54.6



#82
4-Chlorotoluene
Concen: 52.872 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 91 Resp: 1057631
Ion Ratio Lower Upper
91 100
126 33.1 16.9 50.6

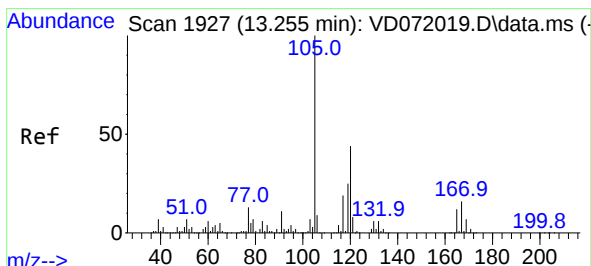
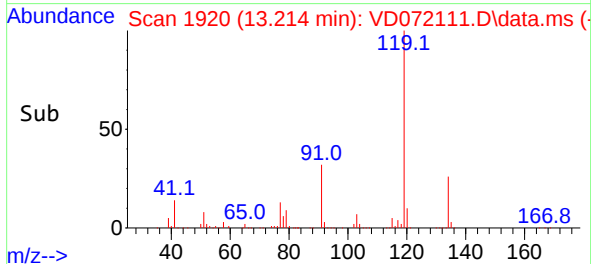
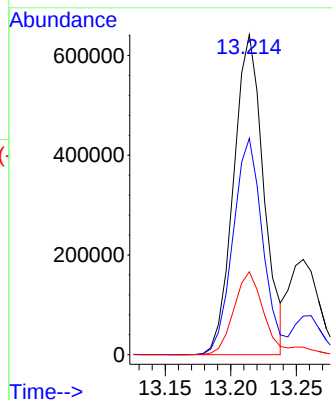
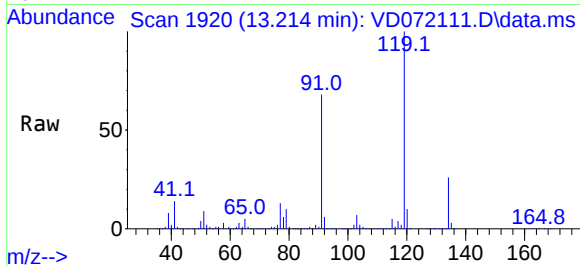




#83
tert-Butylbenzene
Concen: 52.900 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

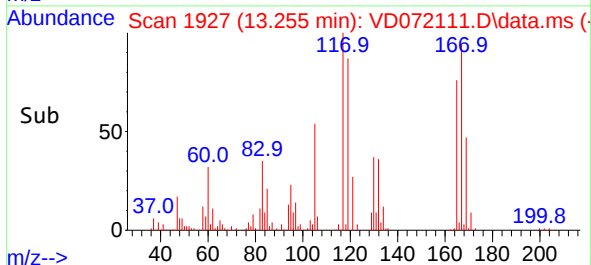
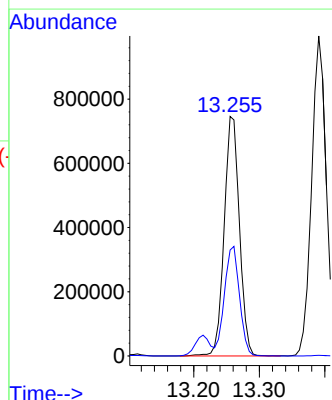
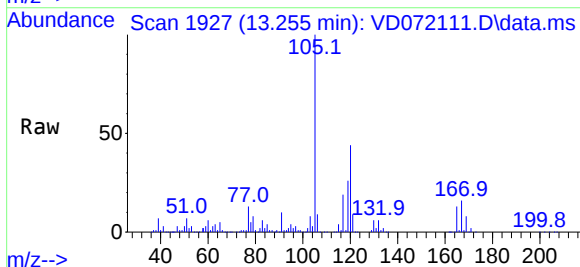
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

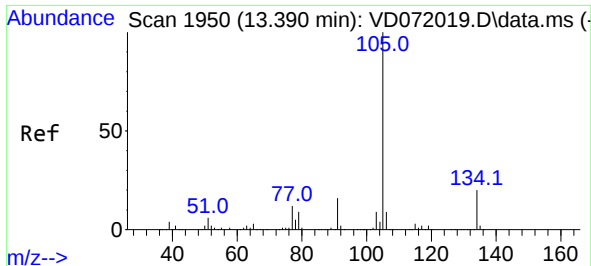
Tgt Ion:119 Resp: 1025346
Ion Ratio Lower Upper
119 100
91 67.4 32.5 97.5
134 27.0 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 54.122 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:105 Resp: 1200264
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.3

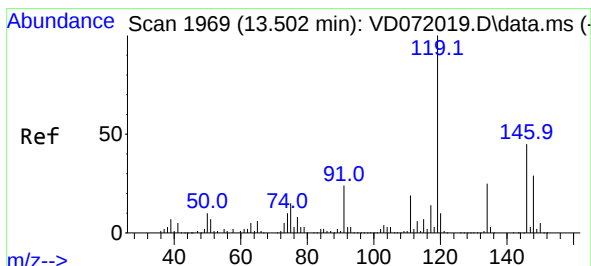
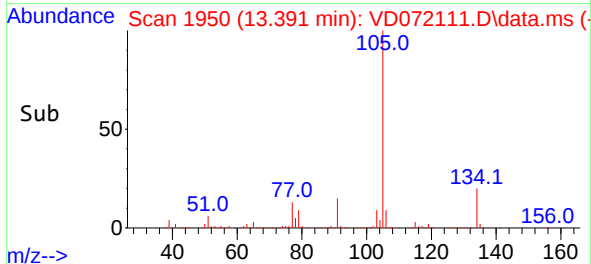
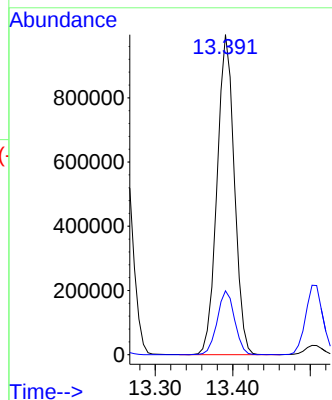
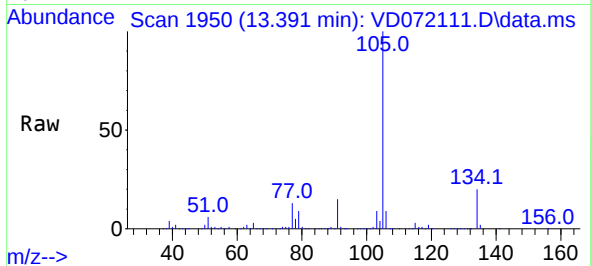




#85
sec-Butylbenzene
Concen: 52.139 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

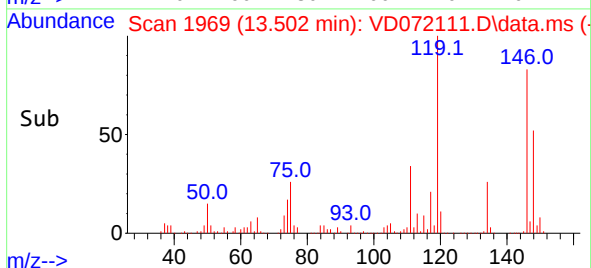
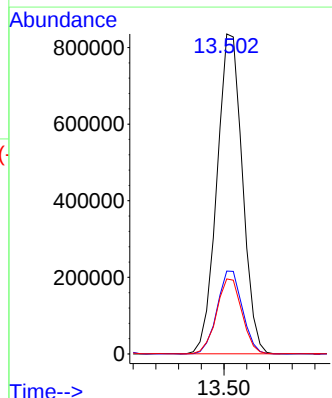
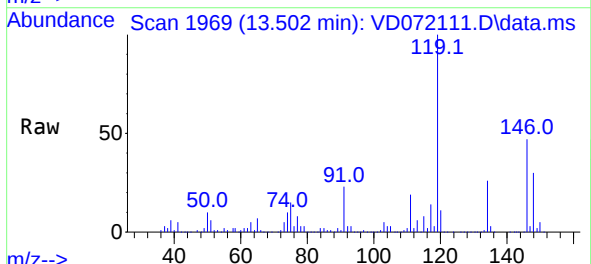
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

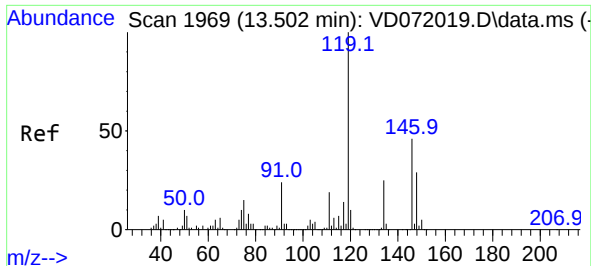
Tgt Ion:105 Resp: 1539474
Ion Ratio Lower Upper
105 100
134 20.1 10.0 29.8



#86
p-Isopropyltoluene
Concen: 53.578 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:119 Resp: 1301153
Ion Ratio Lower Upper
119 100
134 25.6 13.0 38.9
91 23.4 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.566 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

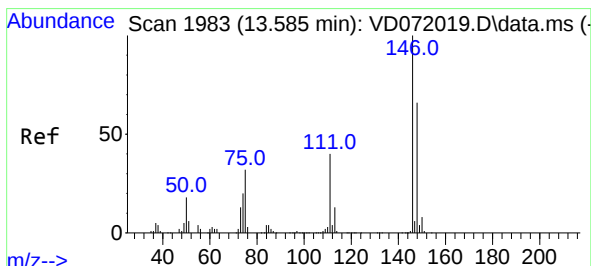
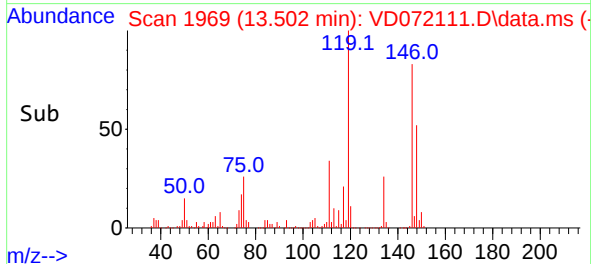
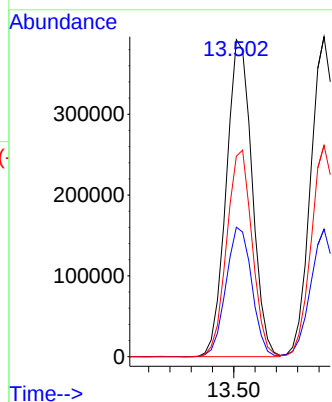
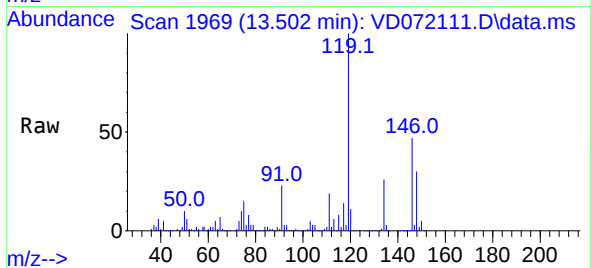
Tgt Ion:146 Resp: 659489

Ion Ratio Lower Upper

146 100

111 41.1 20.0 59.9

148 64.4 31.1 93.2



#88

1,4-Dichlorobenzene

Concen: 51.373 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072111.D

Acq: 25 Feb 2022 20:19

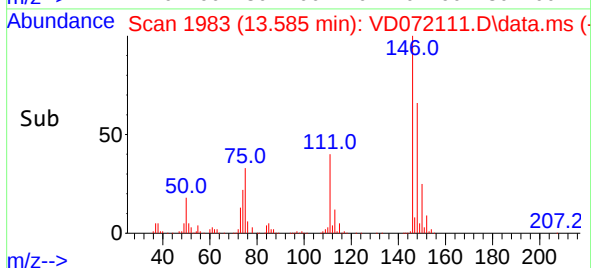
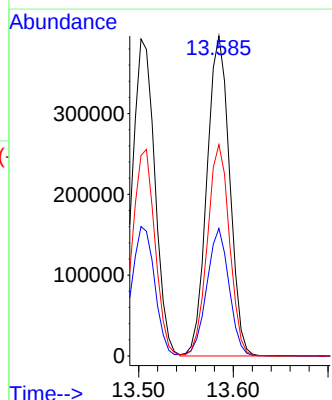
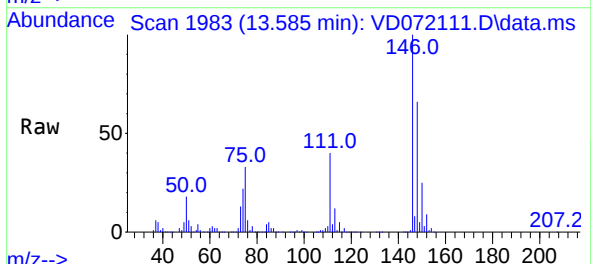
Tgt Ion:146 Resp: 660182

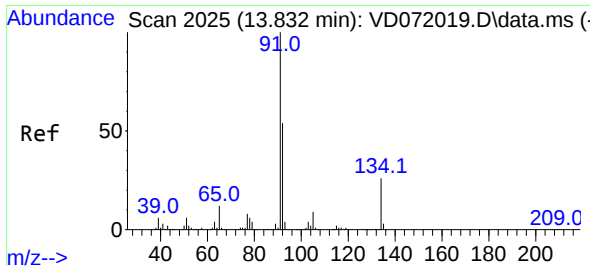
Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.2

148 64.3 32.5 97.5

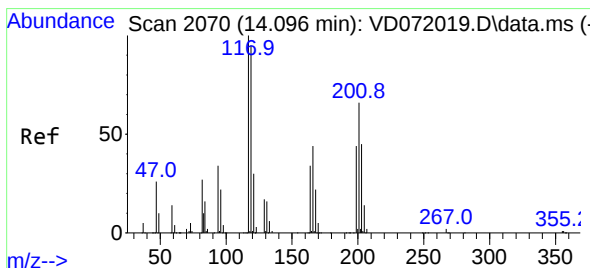
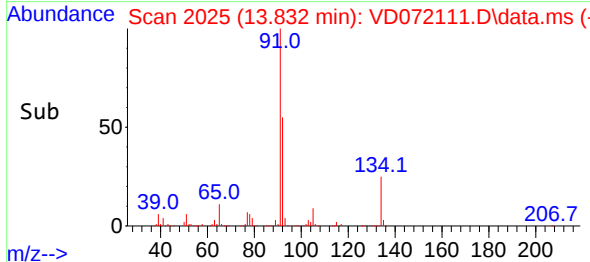
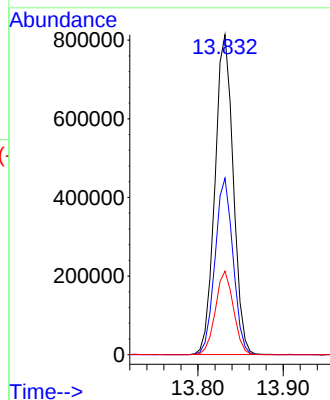
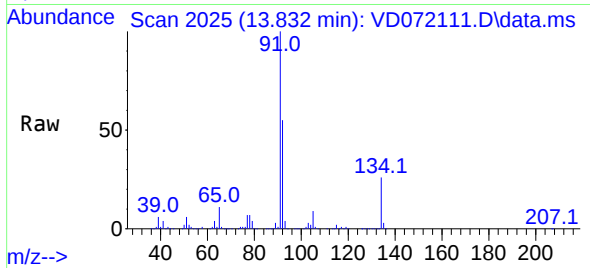




#89
n-Butylbenzene
Concen: 52.476 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

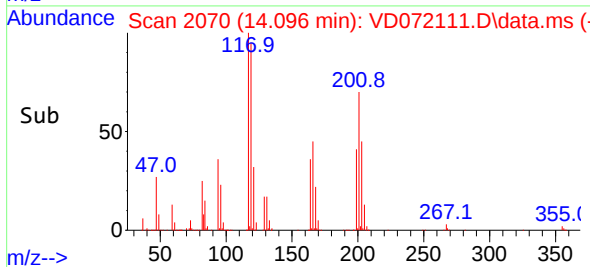
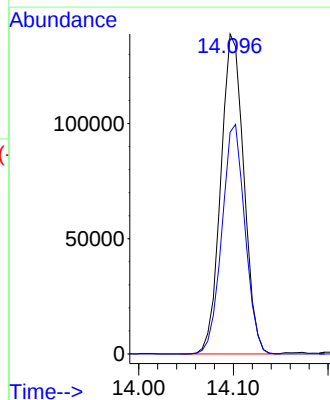
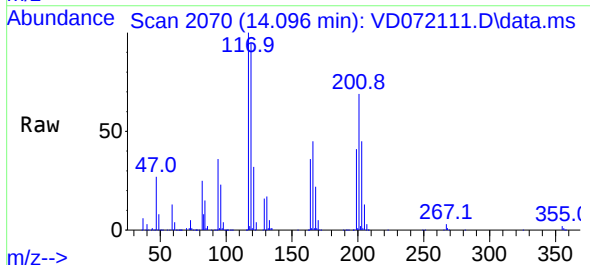
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

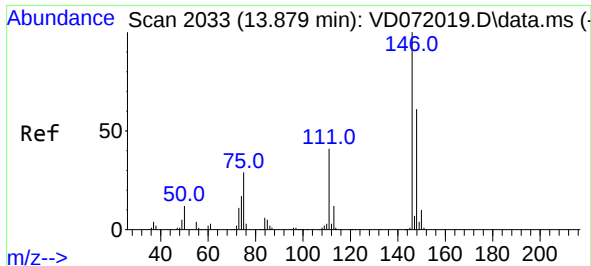
Tgt Ion: 91 Resp: 1211809
Ion Ratio Lower Upper
91 100
92 54.4 27.0 81.0
134 25.8 12.8 38.4



#90
Hexachloroethane
Concen: 48.178 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 117 Resp: 234853
Ion Ratio Lower Upper
117 100
201 72.0 35.2 105.6

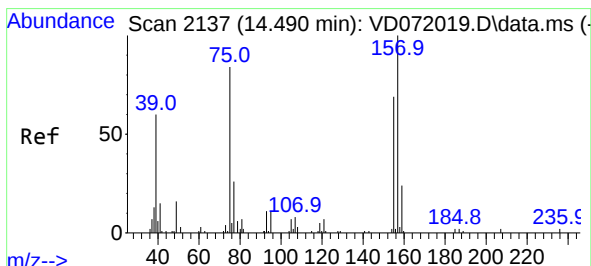
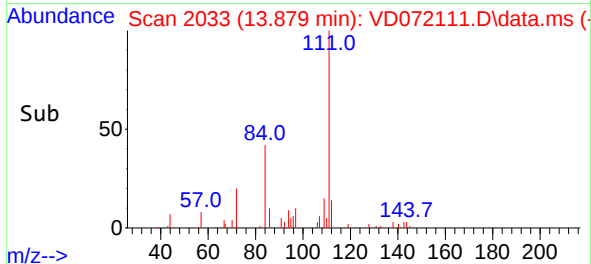
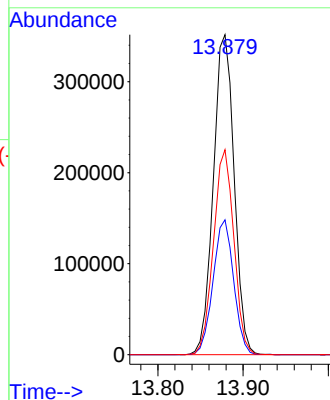
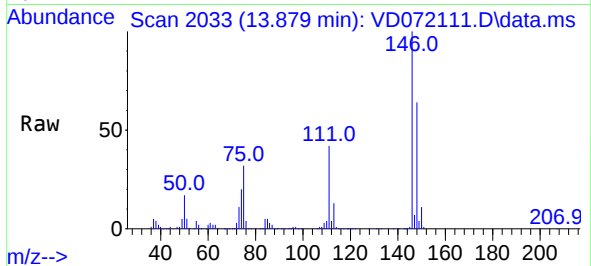




#91
1,2-Dichlorobenzene
Concen: 53.292 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

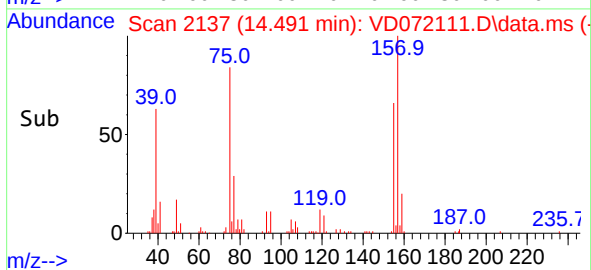
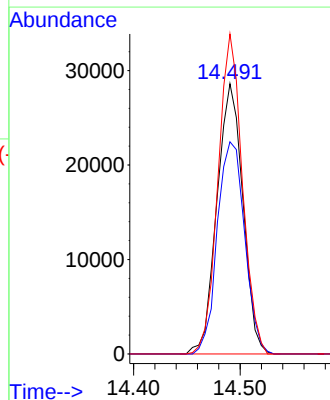
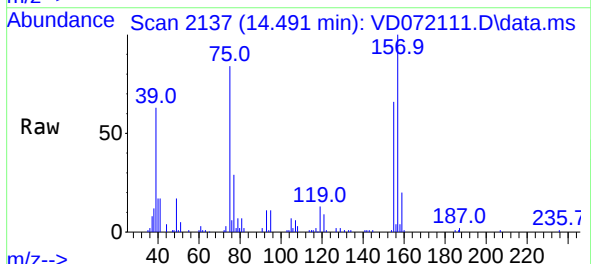
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

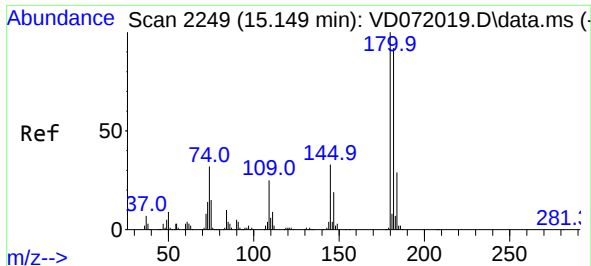
Tgt Ion:146 Resp: 597689
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.4
148 62.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.956 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion: 75 Resp: 48227
Ion Ratio Lower Upper
75 100
155 82.9 40.5 121.5
157 111.2 53.3 159.9

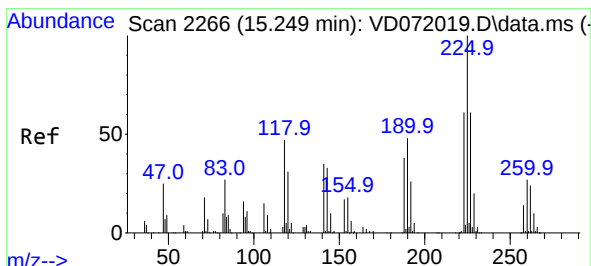
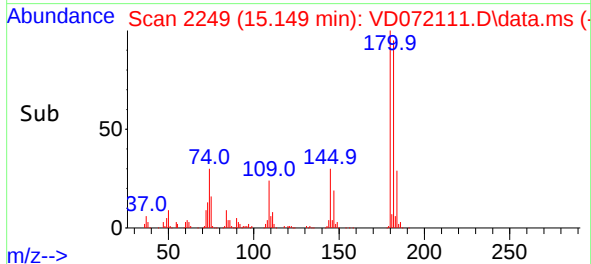
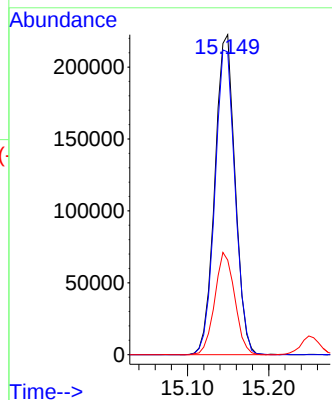
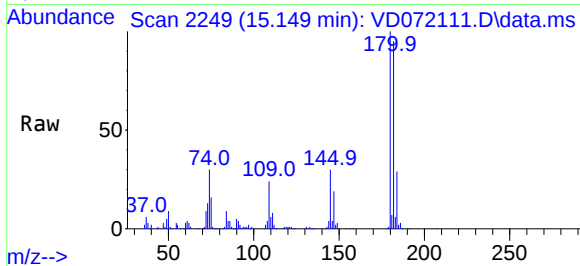




#93
1,2,4-Trichlorobenzene
Concen: 55.894 ug/l
RT: 15.149 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

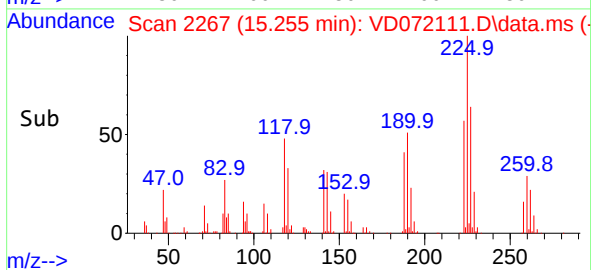
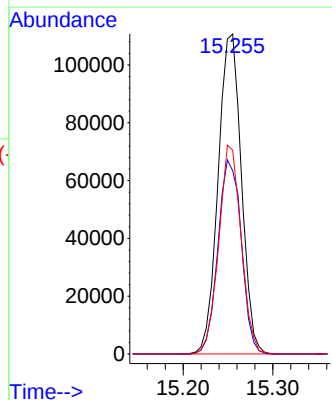
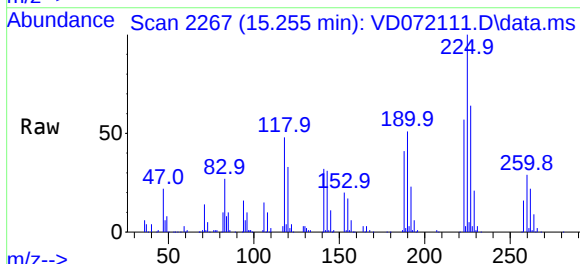
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

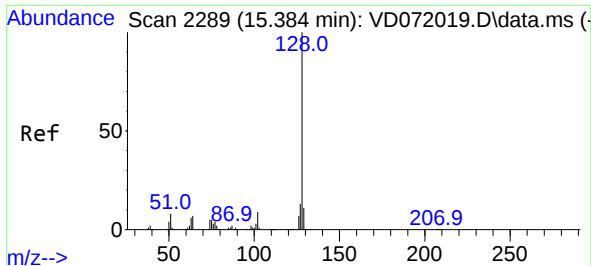
Tgt Ion:180 Resp: 385052
Ion Ratio Lower Upper
180 100
182 95.3 46.4 139.2
145 31.6 15.7 47.1



#94
Hexachlorobutadiene
Concen: 52.593 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:225 Resp: 199230
Ion Ratio Lower Upper
225 100
223 60.9 30.9 92.7
227 62.7 31.6 95.0

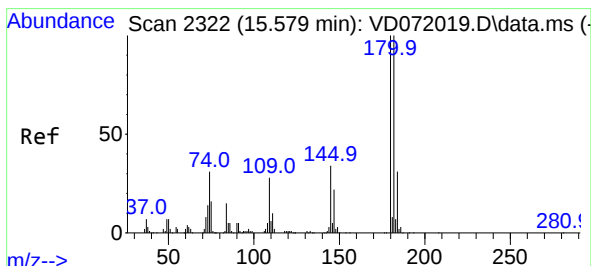
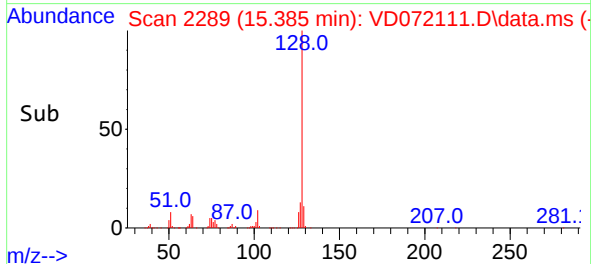
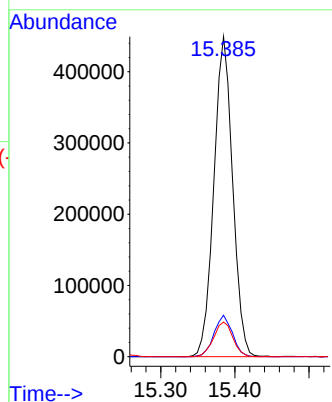
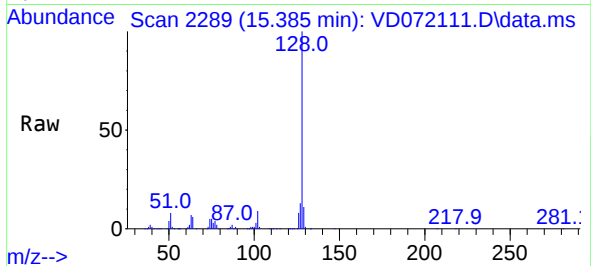




#95
Naphthalene
Concen: 63.134 ug/l
RT: 15.385 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 789550
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 58.552 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072111.D
Acq: 25 Feb 2022 20:19

Tgt Ion:180 Resp: 347927
Ion Ratio Lower Upper
180 100
182 93.0 48.1 144.3
145 32.6 16.7 50.0

