

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072801.D
 Acq On : 05 May 2022 10:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 06 03:46:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	346871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	568835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	549689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	261109	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202018	44.866	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.740%
35) Dibromofluoromethane	7.908	113	192919	48.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.332	98	692537	48.326	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.660%
62) 4-Bromofluorobenzene	12.620	95	255173	47.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	212109	44.251	ug/l	97
3) Chloromethane	2.209	50	207011	41.528	ug/l	99
4) Vinyl Chloride	2.350	62	207751	46.446	ug/l	97
5) Bromomethane	2.762	94	135311	49.153	ug/l	93
6) Chloroethane	2.920	64	123660	44.358	ug/l	98
7) Trichlorofluoromethane	3.273	101	355403	45.375	ug/l	98
8) Diethyl Ether	3.709	74	101081	45.014	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	215337	46.308	ug/l	98
10) Methyl Iodide	4.297	142	204852	43.896	ug/l	98
11) Tert butyl alcohol	5.203	59	82498	211.765	ug/l	95
12) 1,1-Dichloroethene	4.067	96	193018	46.148	ug/l	95
13) Acrolein	3.914	56	59789	219.038	ug/l	99
14) Allyl chloride	4.708	41	316915	46.931	ug/l	93
15) Acrylonitrile	5.414	53	240997	225.826	ug/l	99
16) Acetone	4.150	43	237913	284.208	ug/l	94
17) Carbon Disulfide	4.403	76	586498	44.596	ug/l	100
18) Methyl Acetate	4.714	43	115756	47.231	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	479332	47.804	ug/l	99
20) Methylene Chloride	4.961	84	259886	48.003	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	229444	47.832	ug/l	91
22) Diisopropyl ether	6.355	45	700199	47.136	ug/l	95
23) Vinyl Acetate	6.297	43	1987739	242.231	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	406891	45.591	ug/l	100
25) 2-Butanone	7.202	43	320997	244.675	ug/l	94
26) 2,2-Dichloropropane	7.202	77	349688	46.348	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	255120	46.435	ug/l	92
28) Bromochloromethane	7.538	49	164392	49.394	ug/l	86
29) Tetrahydrofuran	7.555	42	196584	235.083	ug/l	92
30) Chloroform	7.702	83	436824	46.257	ug/l	99
31) Cyclohexane	7.979	56	355915	45.218	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	381535	47.406	ug/l	96
36) 1,1-Dichloropropene	8.102	75	320928	49.404	ug/l	97
37) Ethyl Acetate	7.285	43	139684	46.776	ug/l #	95
38) Carbon Tetrachloride	8.091	117	333346	49.435	ug/l	99
39) Methylcyclohexane	9.349	83	368502	48.906	ug/l	98
40) Benzene	8.344	78	914383	48.743	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	77712	43.705	ug/l #	89
42) 1,2-Dichloroethane	8.414	62	272379	48.183	ug/l	98
43) Isopropyl Acetate	8.444	43	270357	49.051	ug/l	94
44) Trichloroethene	9.102	130	241999	48.219	ug/l	94
45) 1,2-Dichloropropane	9.379	63	236918	48.090	ug/l	98
46) Dibromomethane	9.467	93	130094	47.871	ug/l	98
47) Bromodichloromethane	9.655	83	335949	48.054	ug/l	98
48) Methyl methacrylate	9.449	41	138452	51.347	ug/l	94
49) 1,4-Dioxane	9.449	88	28626	935.420	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	715677	249.881	ug/l	95
52) Toluene	10.396	92	582939	49.815	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	317178	49.393	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	374547	50.204	ug/l	92
55) 1,1,2-Trichloroethane	10.791	97	180132	49.032	ug/l	96
56) Ethyl methacrylate	10.649	69	222936	51.539	ug/l	89
57) 1,3-Dichloropropane	10.938	76	307175	48.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	578995	276.081	ug/l	96
59) 2-Hexanone	10.973	43	507214	263.188	ug/l	95
60) Dibromochloromethane	11.132	129	224456	48.534	ug/l	99
61) 1,2-Dibromoethane	11.238	107	172917	48.357	ug/l	99
64) Tetrachloroethene	10.867	164	192423	47.880	ug/l	94
65) Chlorobenzene	11.661	112	618824	48.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	238029	49.816	ug/l	98
67) Ethyl Benzene	11.738	91	1114189	50.638	ug/l	98
68) m/p-Xylenes	11.843	106	858702	101.314	ug/l	99
69) o-Xylene	12.167	106	405618	51.242	ug/l	96
70) Styrene	12.185	104	702101	51.193	ug/l	98
71) Bromoform	12.349	173	125722	48.550	ug/l #	99
73) Isopropylbenzene	12.467	105	1069129	52.627	ug/l	99
74) N-amyl acetate	12.279	43	258030	51.003	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	203268	49.567	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	258354	88.735	ug/l #	100
77) Bromobenzene	12.749	156	243191	50.412	ug/l	95
78) n-propylbenzene	12.808	91	1342708	52.442	ug/l	99
79) 2-Chlorotoluene	12.896	91	766465	51.246	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	902868	52.414	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	62222	49.144	ug/l	91
82) 4-Chlorotoluene	12.990	91	797773	51.050	ug/l	99
83) tert-Butylbenzene	13.208	119	775456	52.951	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	903904	52.497	ug/l	99
85) sec-Butylbenzene	13.390	105	1176447	53.262	ug/l	100
86) p-Isopropyltoluene	13.502	119	964070	53.235	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	487719	50.187	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	479884	49.587	ug/l	98
89) n-Butylbenzene	13.826	91	938045	53.471	ug/l	99
90) Hexachloroethane	14.096	117	192110	51.782	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	424555	50.128	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	31134	47.894	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	257428	51.323	ug/l	100
94) Hexachlorobutadiene	15.249	225	133578	48.763	ug/l	98
95) Naphthalene	15.384	128	484282	52.514	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	228860	51.472	ug/l	99

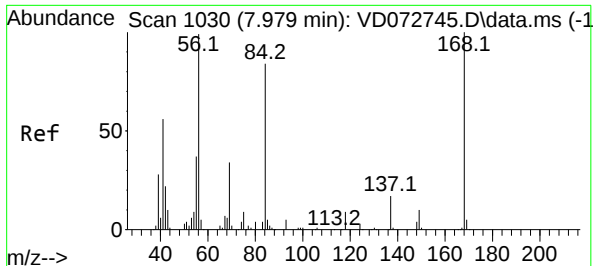
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QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

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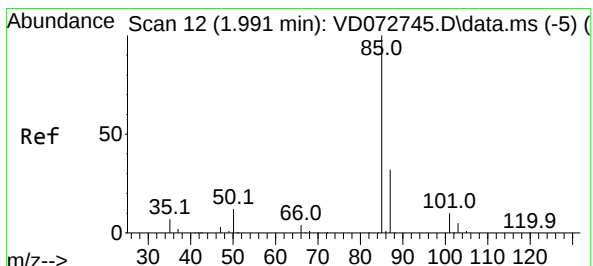
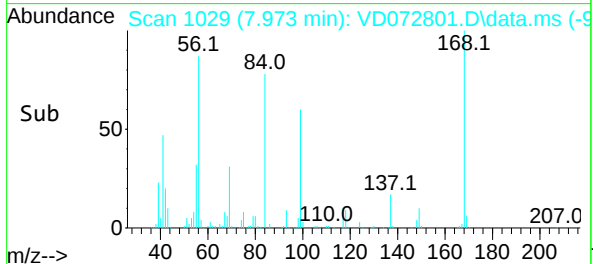
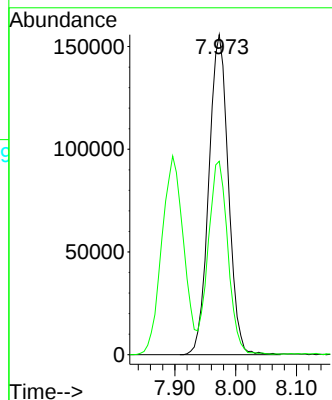
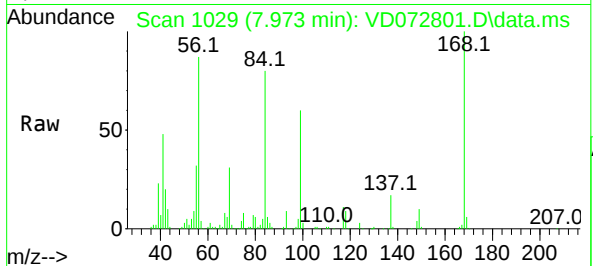
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

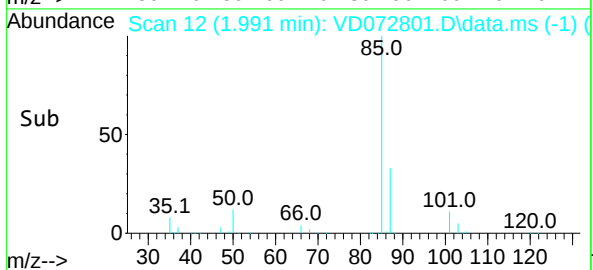
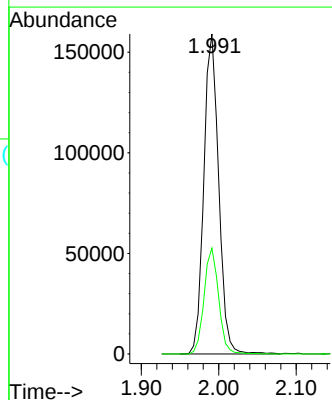
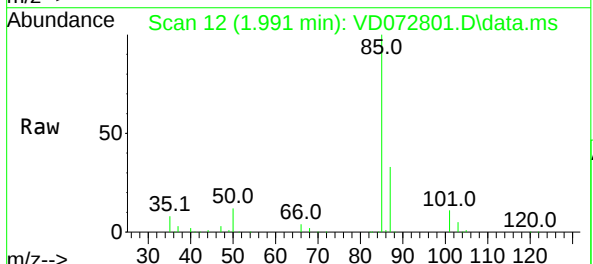
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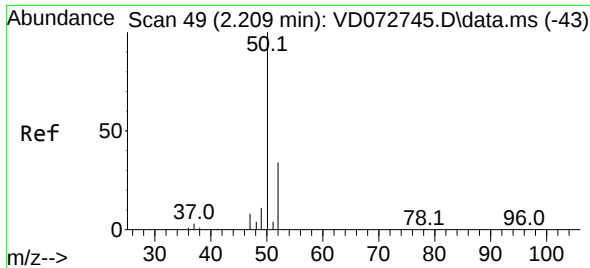
Tgt Ion:168 Resp: 346871
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.251 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 85 Resp: 212109
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

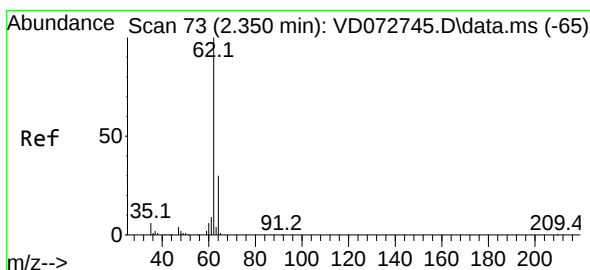
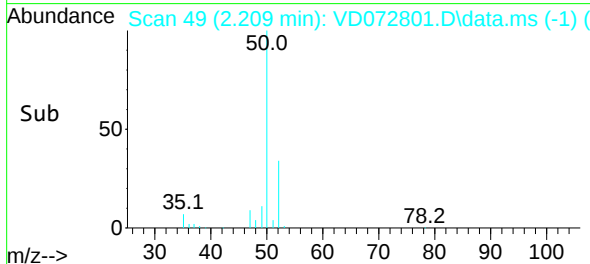
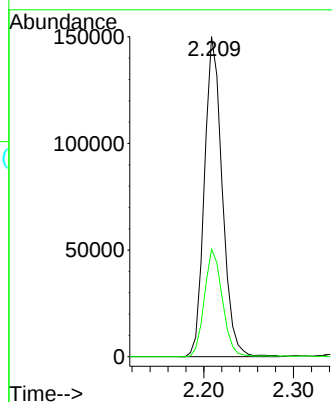
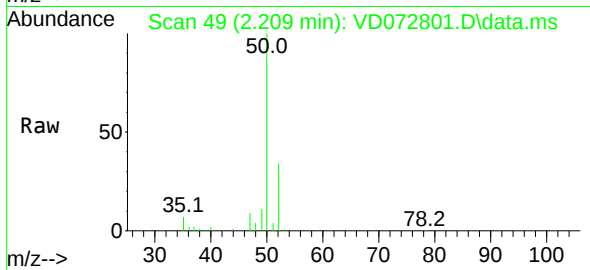




#3
Chloromethane
Concen: 41.528 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

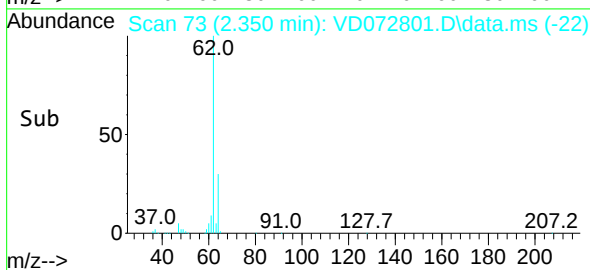
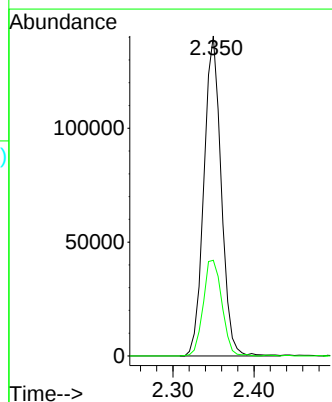
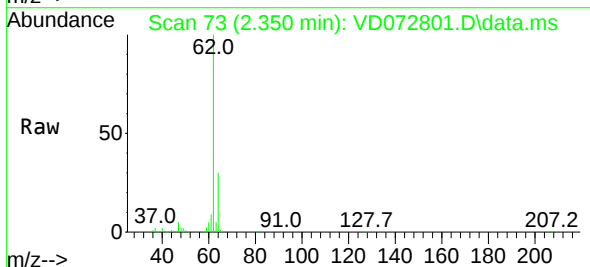
Instrument :
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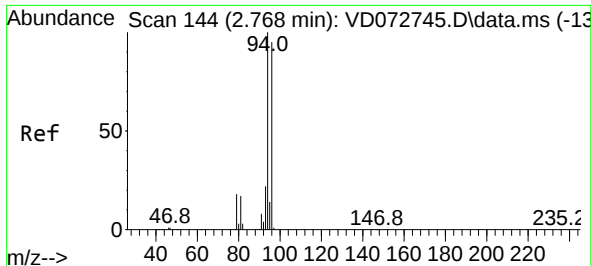
Tgt Ion: 50 Resp: 207011
Ion Ratio Lower Upper
50 100
52 33.7 27.4 41.0



#4
Vinyl Chloride
Concen: 46.446 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 62 Resp: 207751
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.0

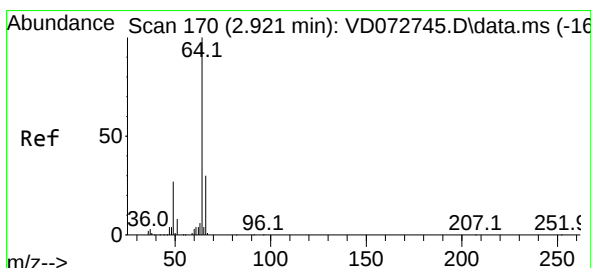
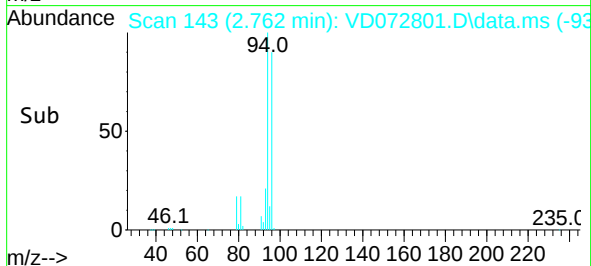
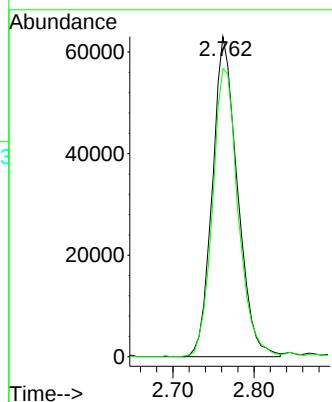
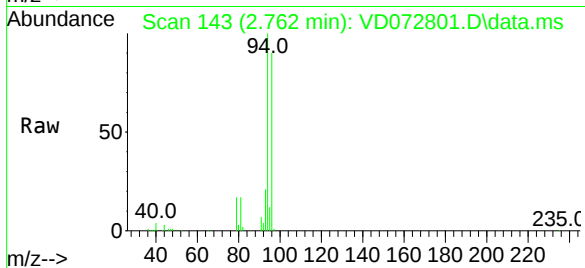




#5
Bromomethane
Concen: 49.153 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

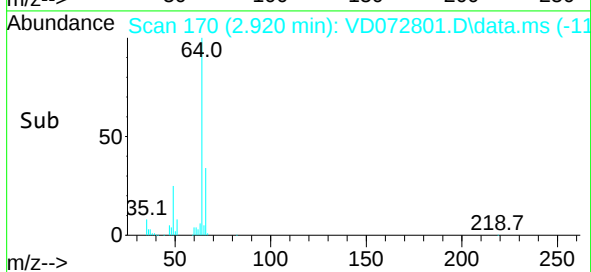
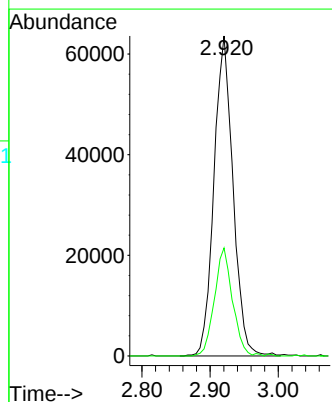
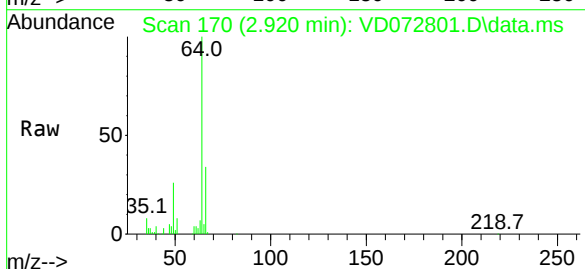
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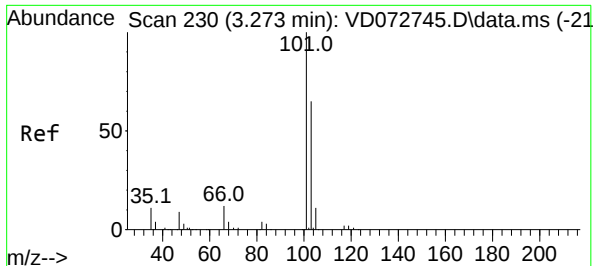
Tgt Ion: 94 Resp: 135311
Ion Ratio Lower Upper
94 100
96 90.0 77.6 116.4



#6
Chloroethane
Concen: 44.358 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 64 Resp: 123660
Ion Ratio Lower Upper
64 100
66 33.8 25.9 38.9

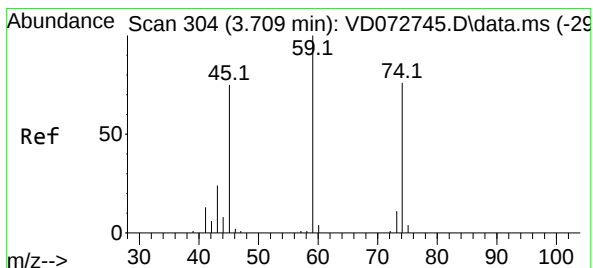
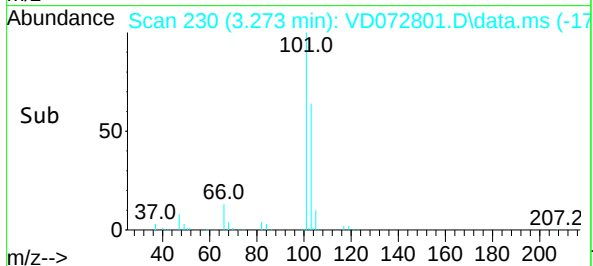
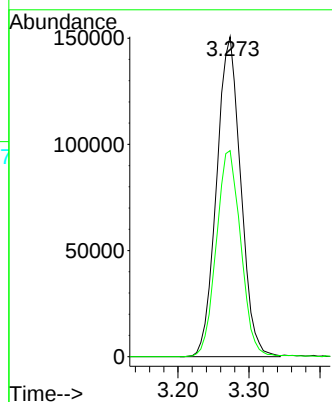
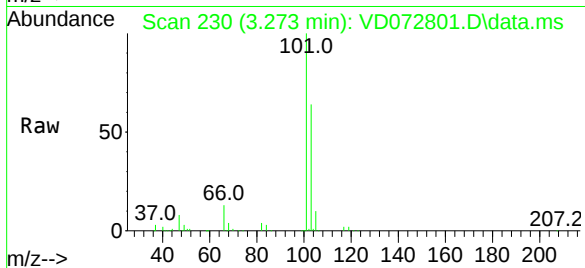




#7
 Trichlorofluoromethane
 Concen: 45.375 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

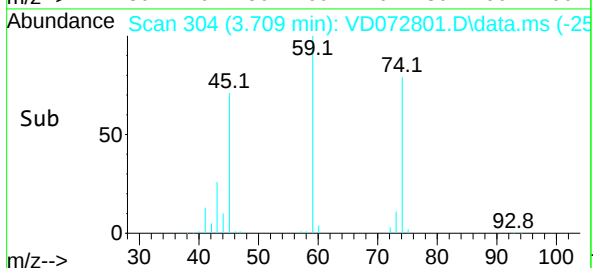
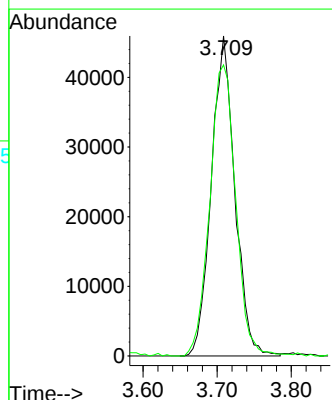
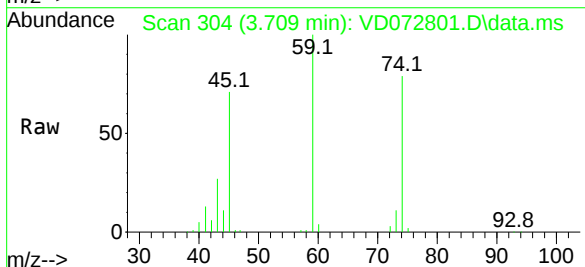
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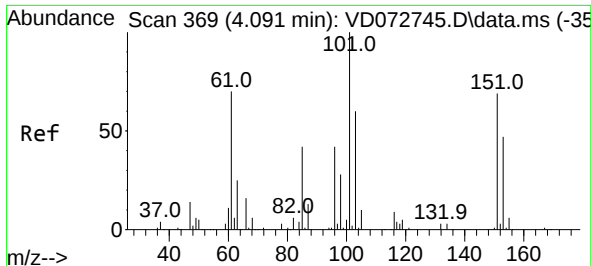
Tgt Ion:101 Resp: 355403
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 45.014 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

Tgt Ion: 74 Resp: 101081
 Ion Ratio Lower Upper
 74 100
 45 100.4 52.6 157.8

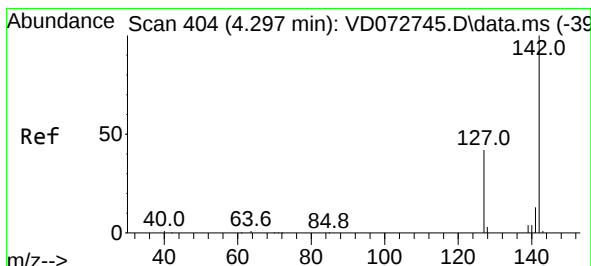
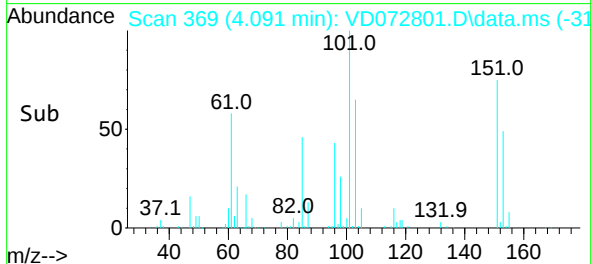
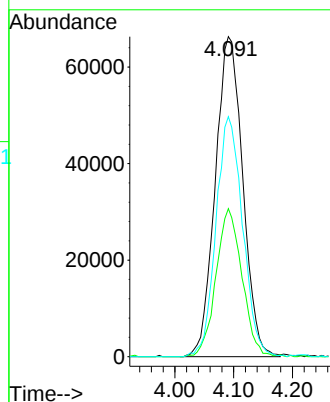
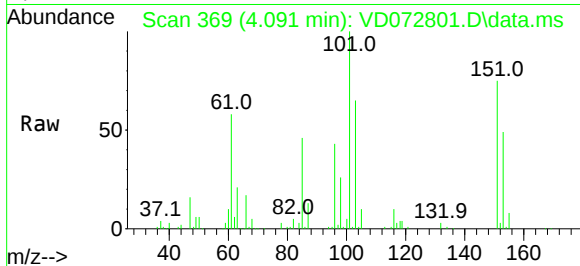




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.308 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

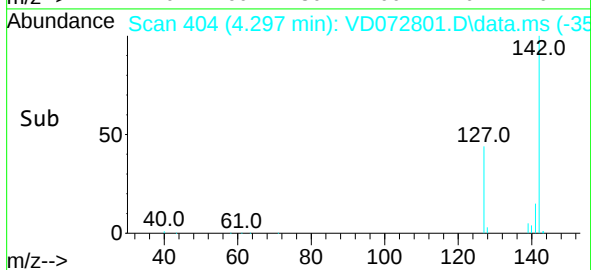
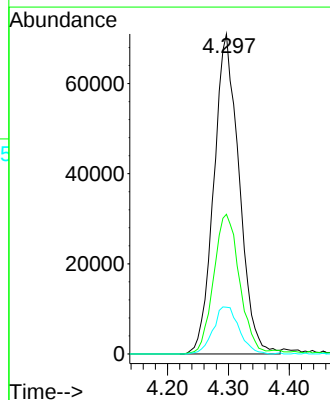
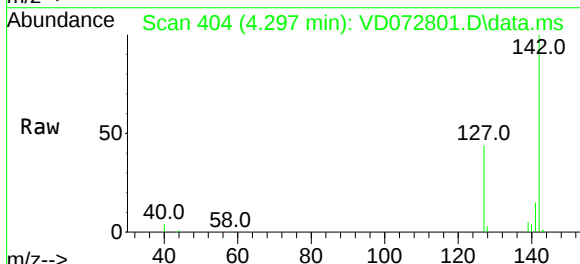
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

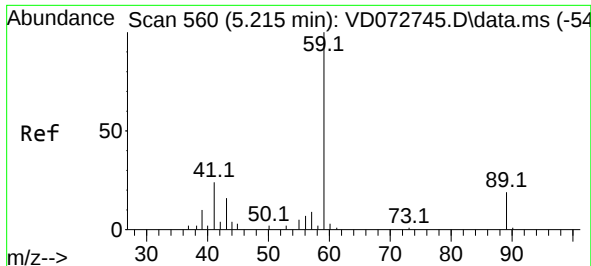
Tgt Ion:101 Resp: 215337
Ion Ratio Lower Upper
101 100
85 43.7 36.4 54.6
151 72.8 57.3 85.9



#10
Methyl Iodide
Concen: 43.896 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:142 Resp: 204852
Ion Ratio Lower Upper
142 100
127 44.8 37.3 55.9
141 15.1 11.7 17.5

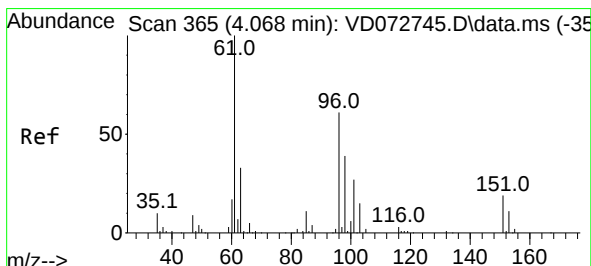
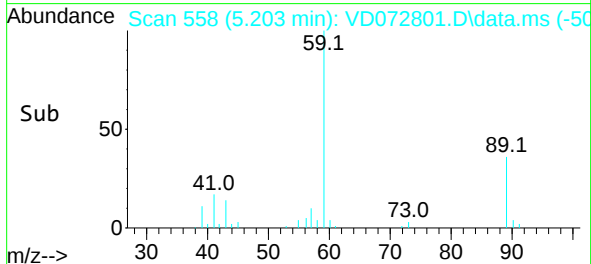
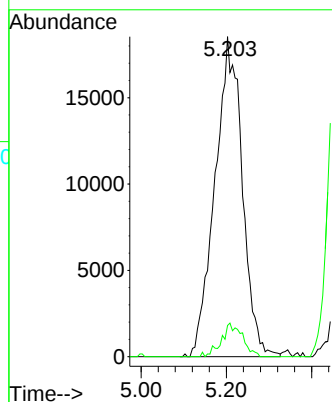
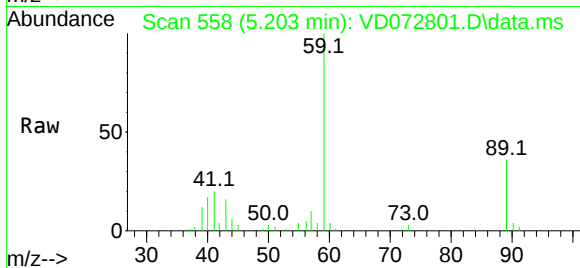




#11
Tert butyl alcohol
Concen: 211.765 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

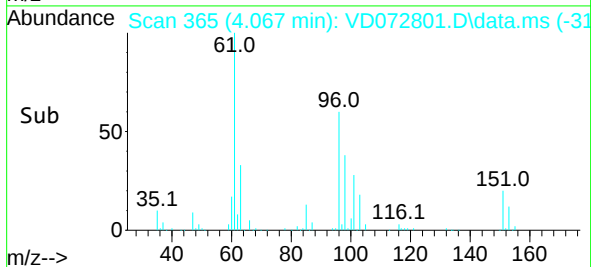
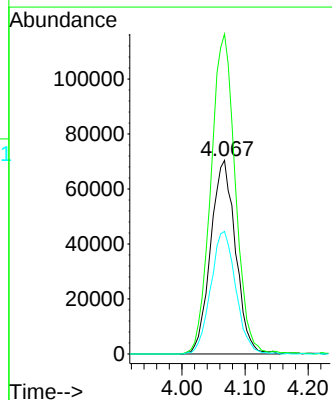
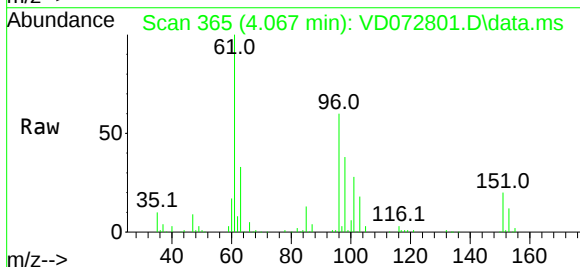
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

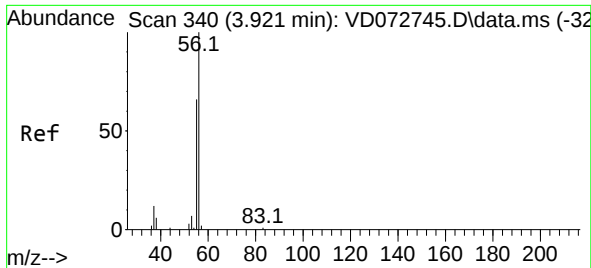
Tgt Ion: 59 Resp: 82498
Ion Ratio Lower Upper
59 100
57 7.9 7.8 11.6



#12
1,1-Dichloroethene
Concen: 46.148 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 96 Resp: 193018
Ion Ratio Lower Upper
96 100
61 165.3 138.5 207.7
98 63.3 48.6 73.0

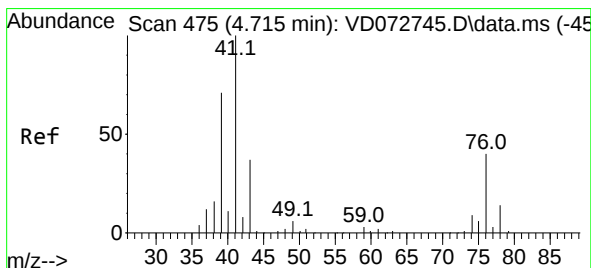
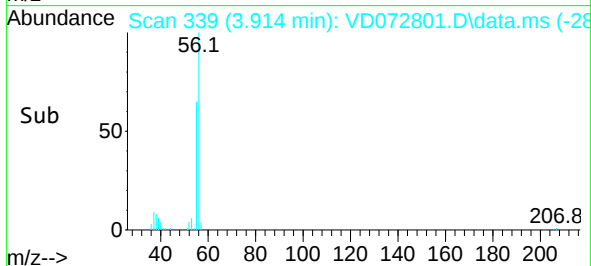
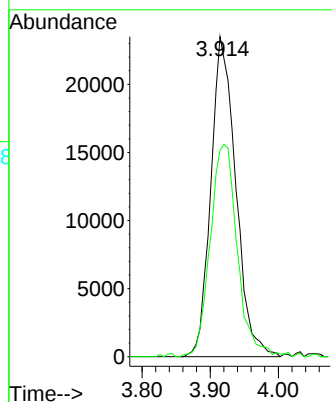
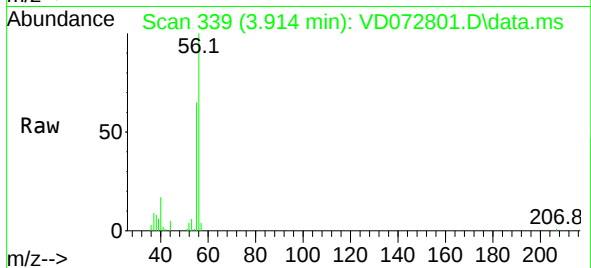




#13
Acrolein
Concen: 219.038 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.007 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

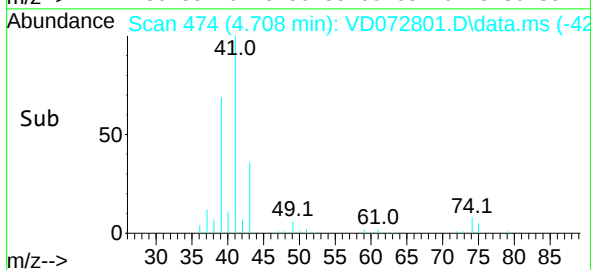
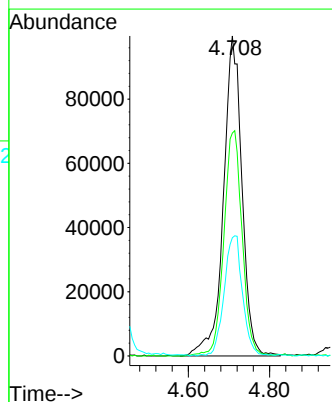
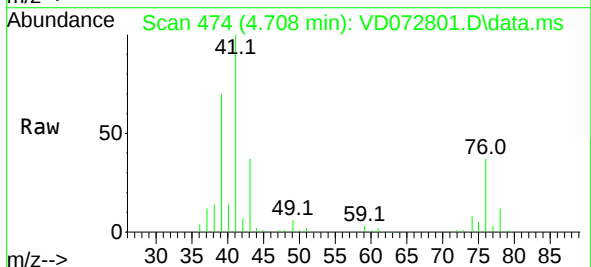
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

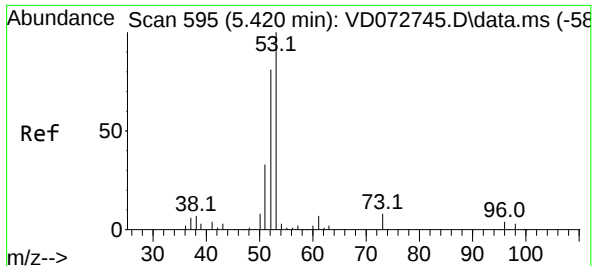
Tgt Ion: 56 Resp: 59789
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7



#14
Allyl chloride
Concen: 46.931 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

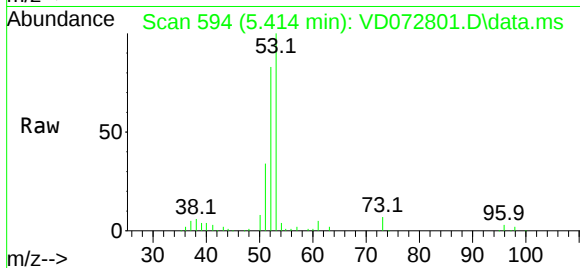
Tgt Ion: 41 Resp: 316915
Ion Ratio Lower Upper
41 100
39 69.1 59.3 88.9
76 37.3 25.7 38.5



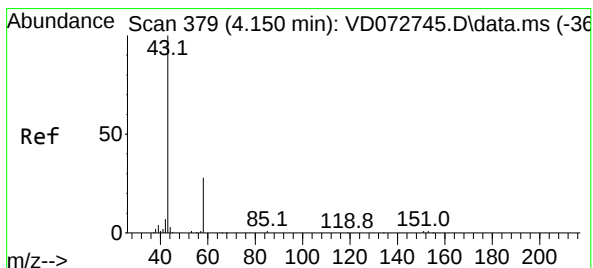
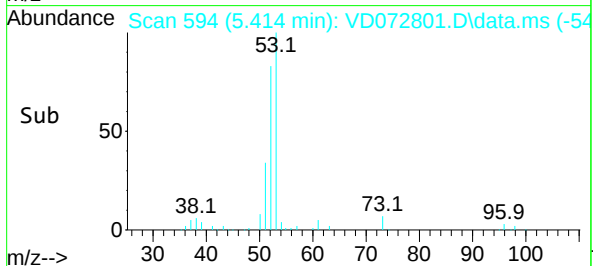
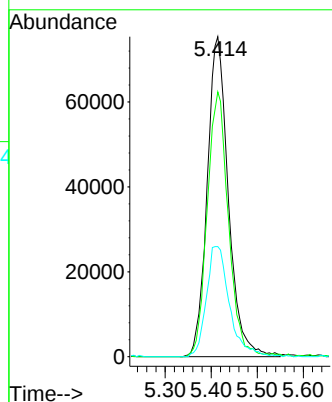


#15
Acrylonitrile
Concen: 225.826 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

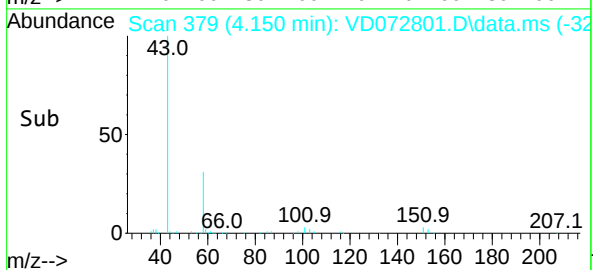
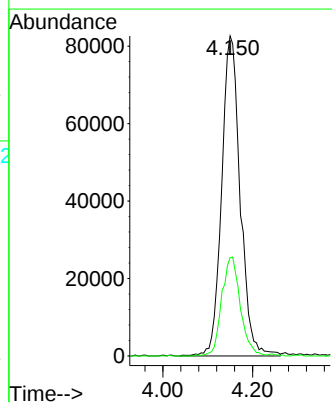
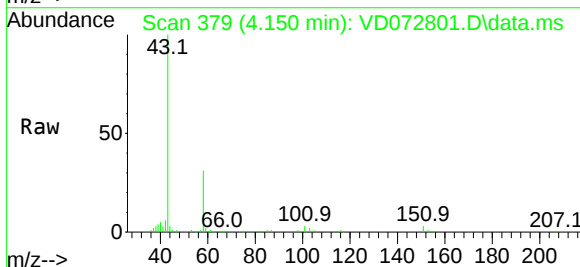


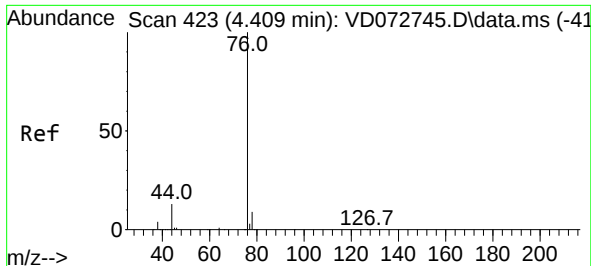
Tgt Ion:	53	Resp:	240997
Ion	Ratio	Lower	Upper
53	100		
52	82.7	67.2	100.8
51	37.6	30.3	45.5



#16
Acetone
Concen: 284.208 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:	43	Resp:	237913
Ion	Ratio	Lower	Upper
43	100		
58	30.8	22.1	33.1

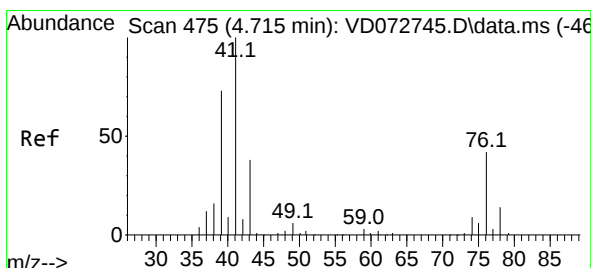
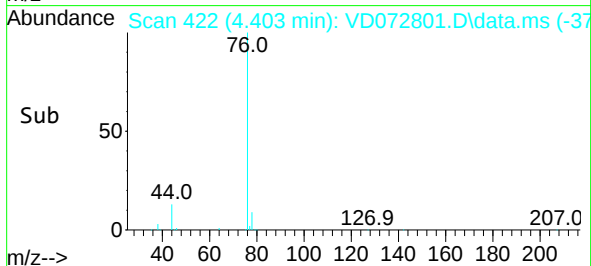
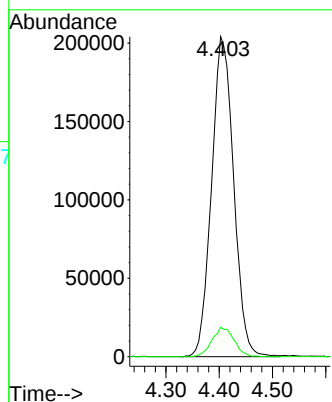
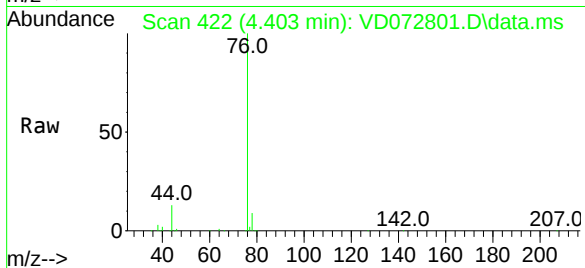




#17
Carbon Disulfide
Concen: 44.596 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

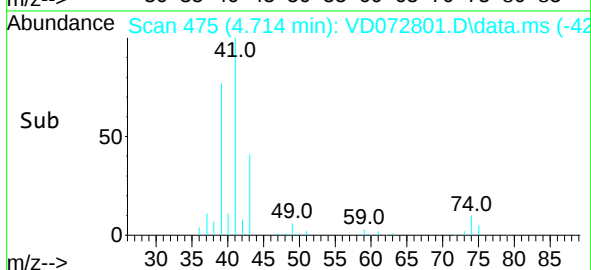
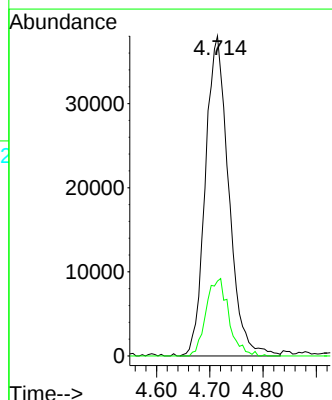
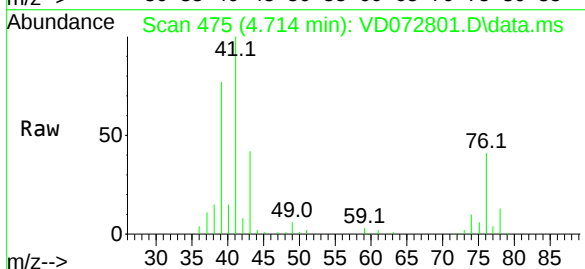
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

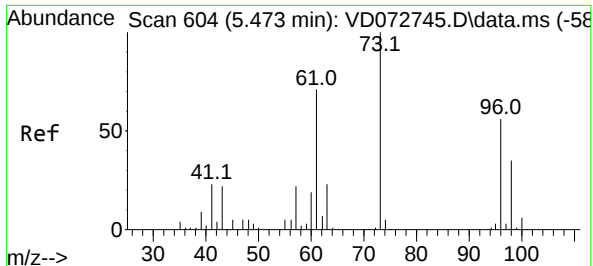
Tgt Ion: 76 Resp: 586498
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 47.231 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 43 Resp: 115756
Ion Ratio Lower Upper
43 100
74 23.5 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 47.804 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

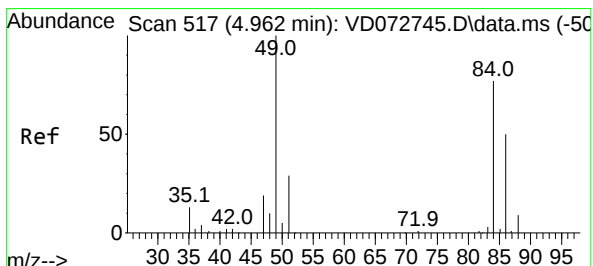
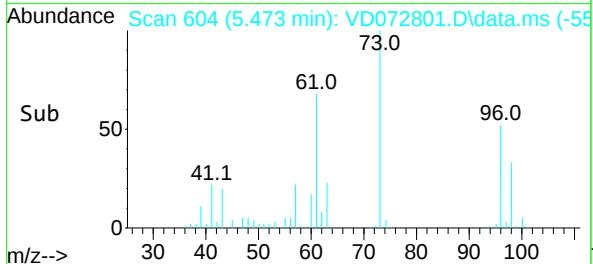
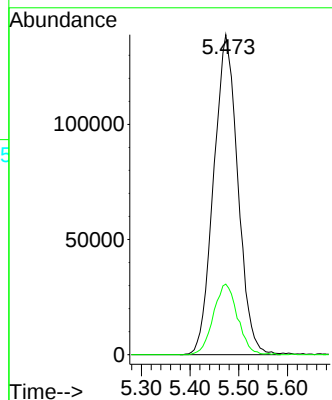
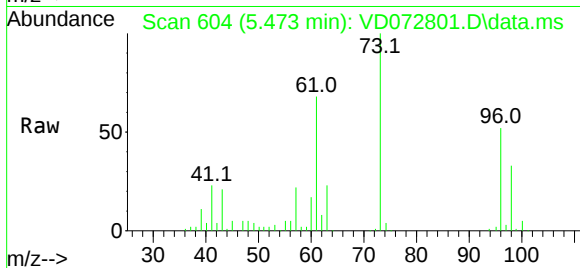
VSTDCCC050

Tgt Ion: 73 Resp: 479332

Ion Ratio Lower Upper

73 100

57 22.1 18.0 27.0



#20

Methylene Chloride

Concen: 48.003 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Tgt Ion: 84 Resp: 259886

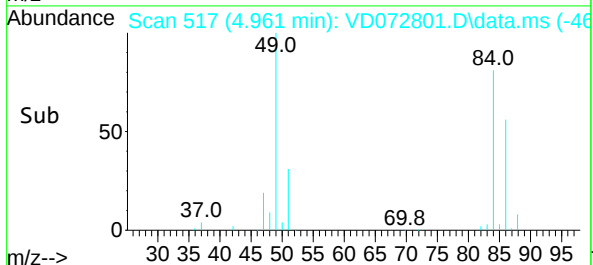
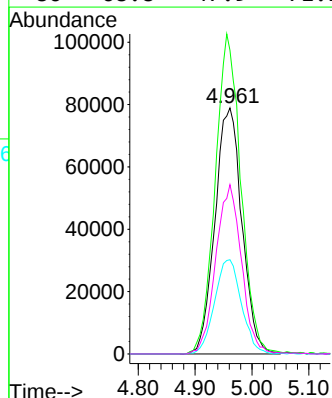
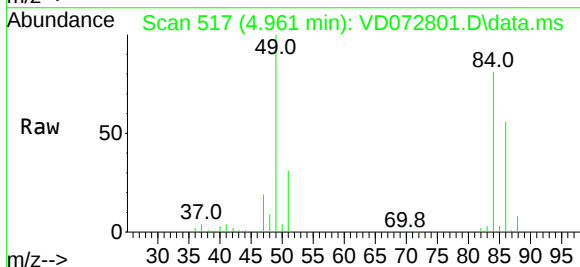
Ion Ratio Lower Upper

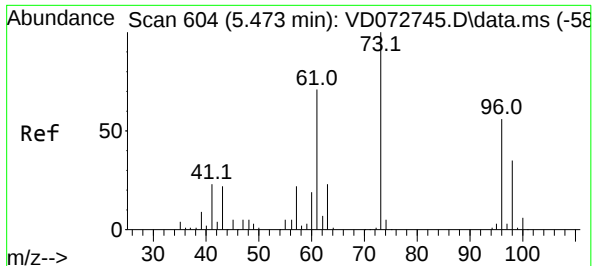
84 100

49 123.4 112.8 169.2

51 38.3 32.6 48.8

86 68.8 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 47.832 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

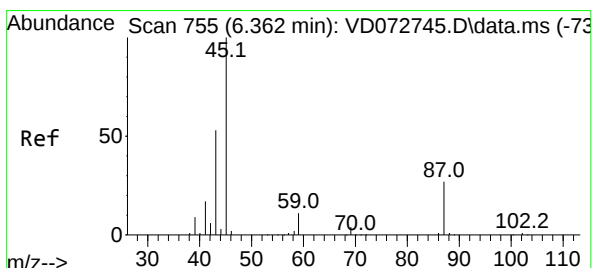
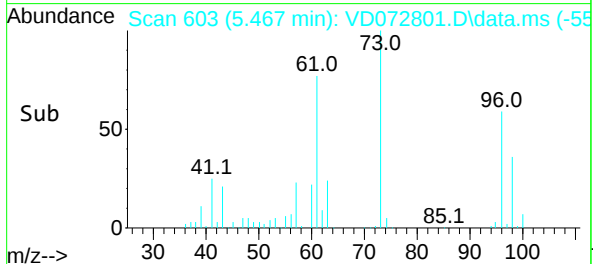
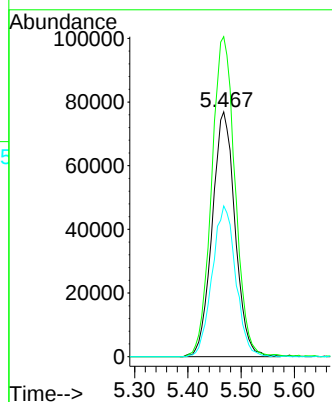
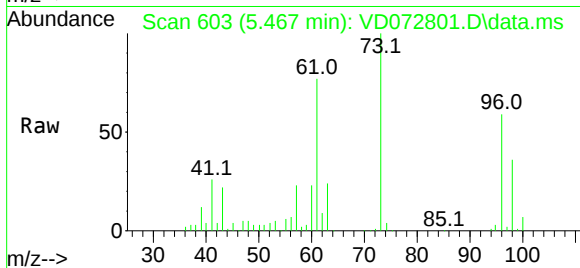
Tgt Ion: 96 Resp: 229444

Ion Ratio Lower Upper

96 100

61 130.7 117.9 176.9

98 61.5 49.4 74.2



#22

Diisopropyl ether

Concen: 47.136 ug/l

RT: 6.355 min Scan# 754

Delta R.T. -0.007 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Tgt Ion: 45 Resp: 700199

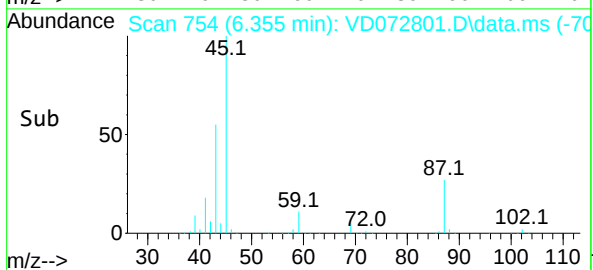
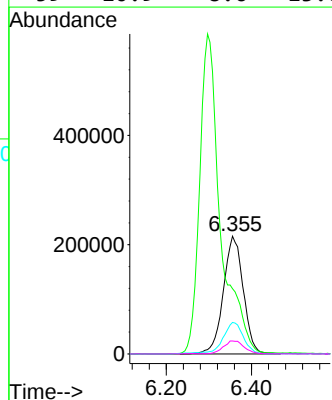
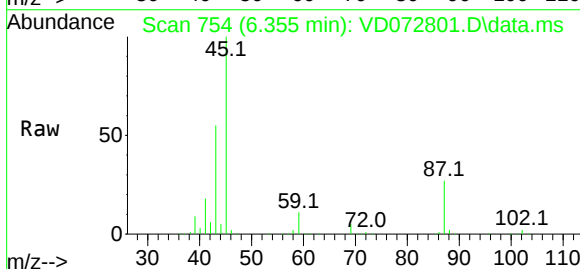
Ion Ratio Lower Upper

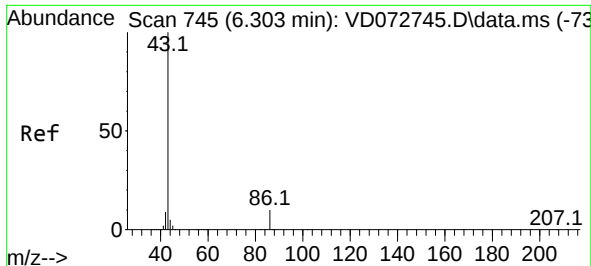
45 100

43 55.0 46.6 70.0

87 26.7 18.4 27.6

59 10.9 8.6 13.0

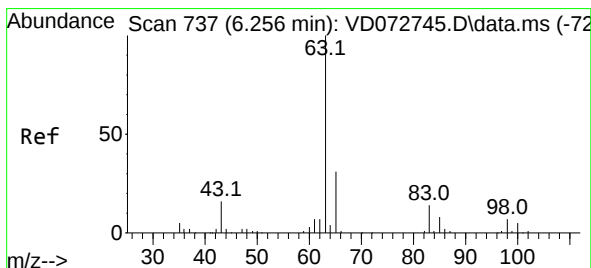
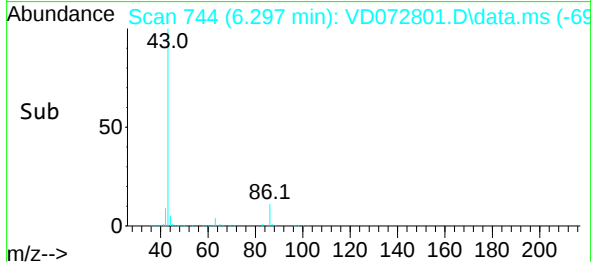
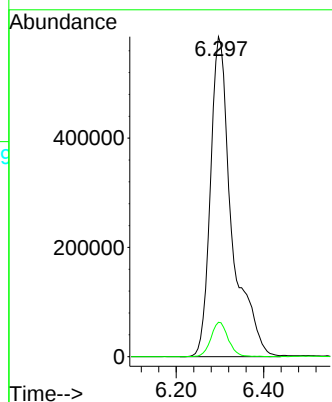
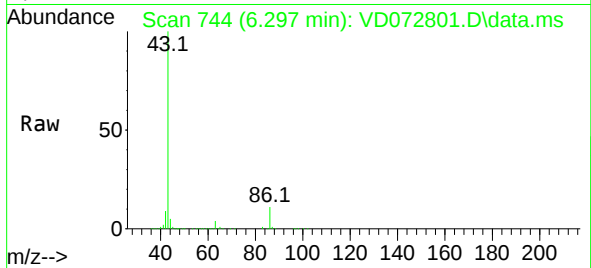




#23
 Vinyl Acetate
 Concen: 242.231 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

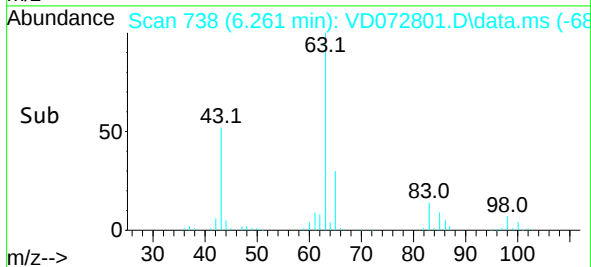
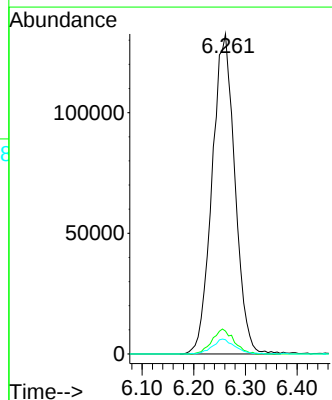
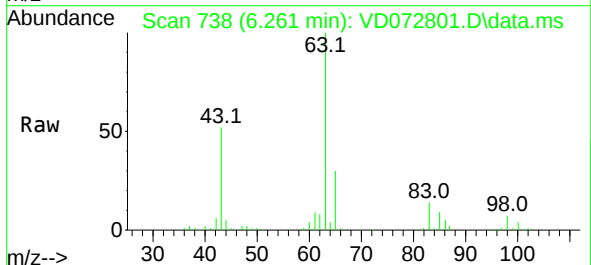
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

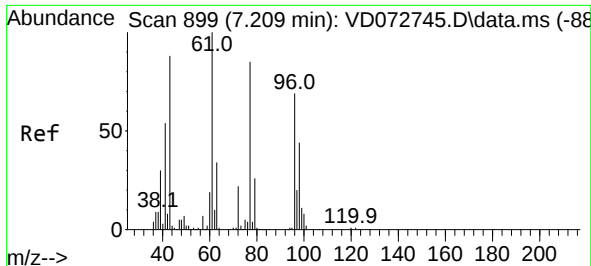
Tgt Ion: 43 Resp: 1987739
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 45.591 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

Tgt Ion: 63 Resp: 406891
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.5 2.1 6.5

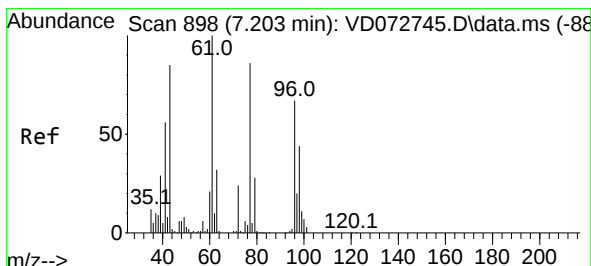
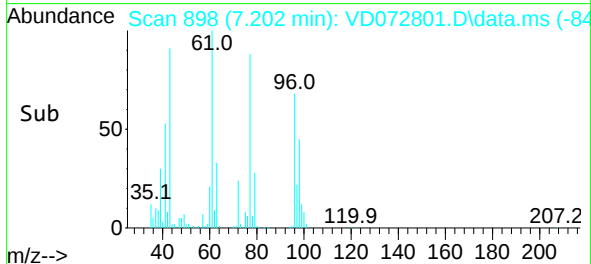
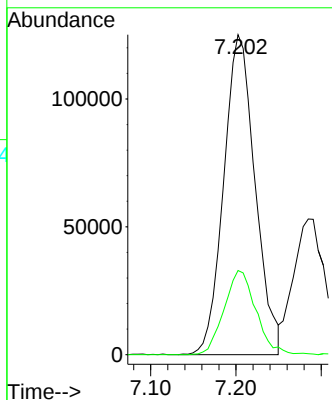
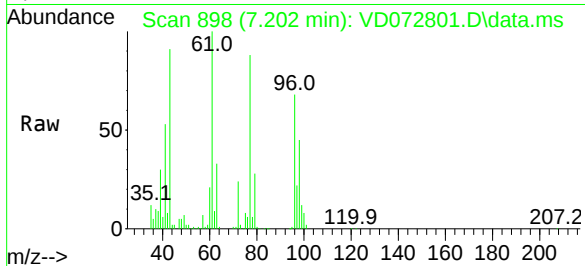




#25
2-Butanone
Concen: 244.675 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.007 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

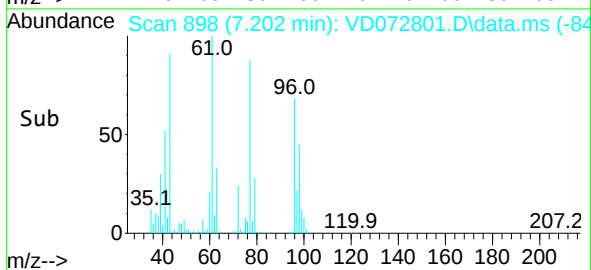
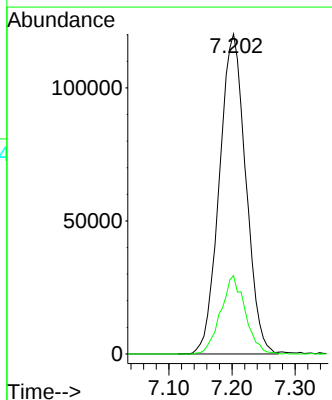
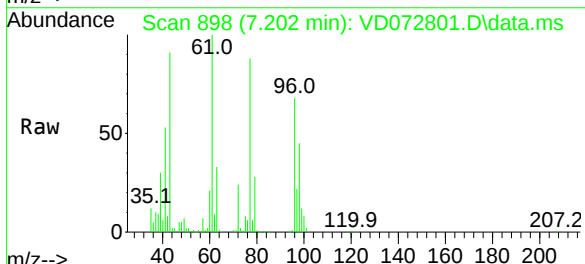
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

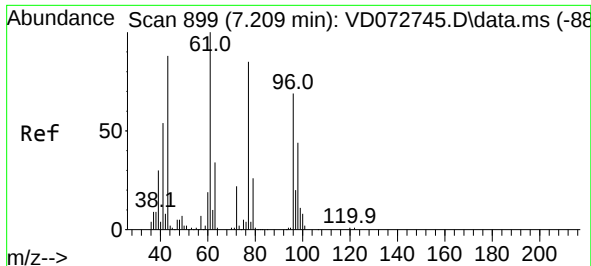
Tgt Ion: 43 Resp: 320997
Ion Ratio Lower Upper
43 100
72 26.3 18.6 27.8



#26
2,2-Dichloropropane
Concen: 46.348 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 77 Resp: 349688
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4

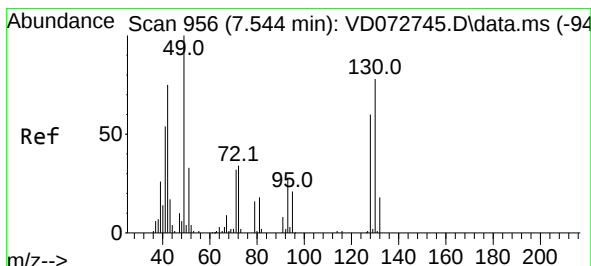
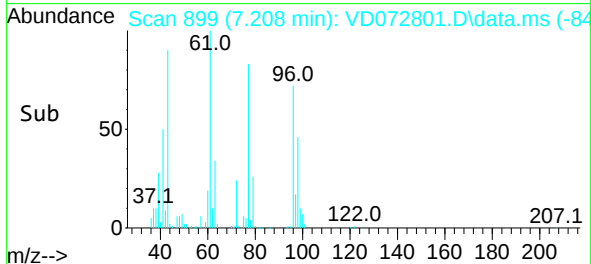
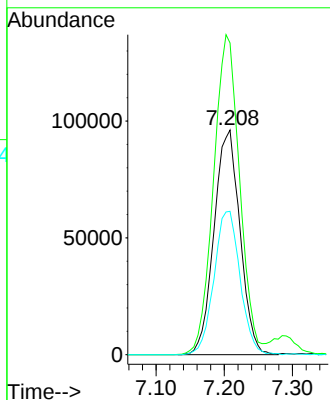
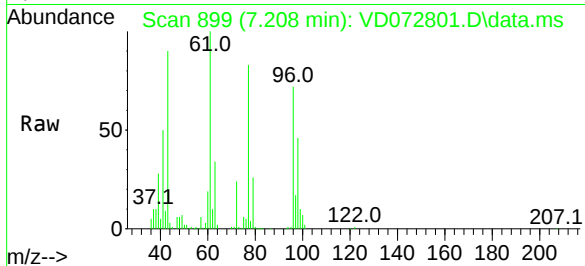




#27
 cis-1,2-Dichloroethene
 Concen: 46.435 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.001 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

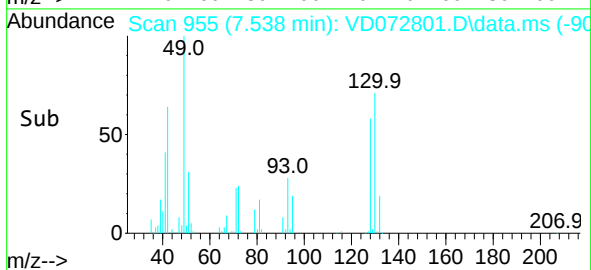
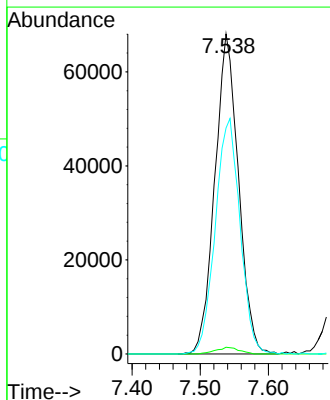
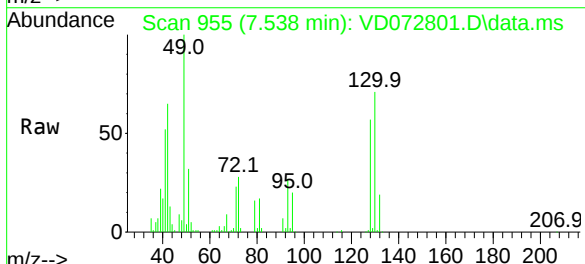
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 255120
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 313.8
 98 64.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.394 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

Tgt Ion: 49 Resp: 164392
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 77.1 52.6 79.0





#29

Tetrahydrofuran

Concen: 235.083 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

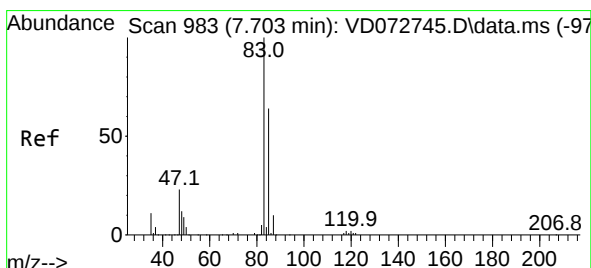
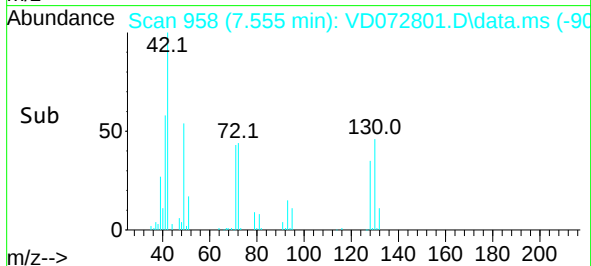
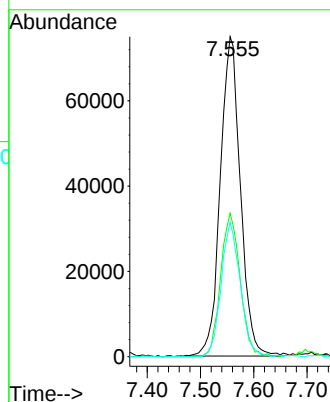
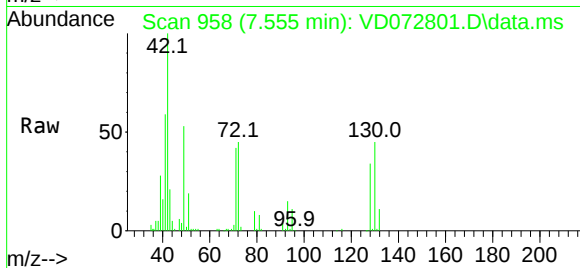
Tgt Ion: 42 Resp: 196584

Ion Ratio Lower Upper

42 100

72 43.6 30.7 46.1

71 39.9 28.6 43.0



#30

Chloroform

Concen: 46.257 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD072801.D

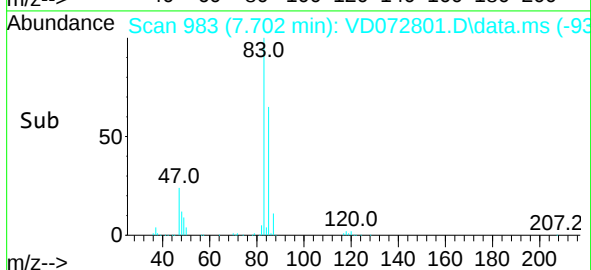
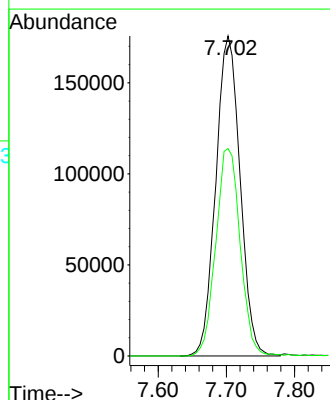
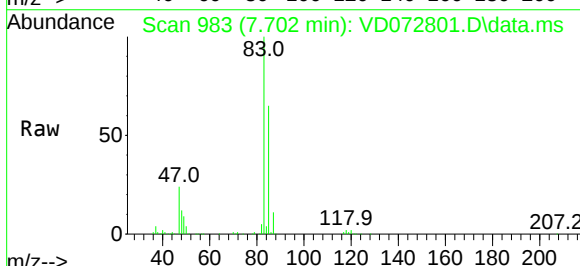
Acq: 05 May 2022 10:31

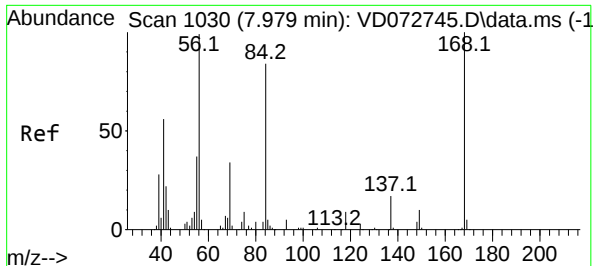
Tgt Ion: 83 Resp: 436824

Ion Ratio Lower Upper

83 100

85 64.8 52.7 79.1





#31

Cyclohexane

Concen: 45.218 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

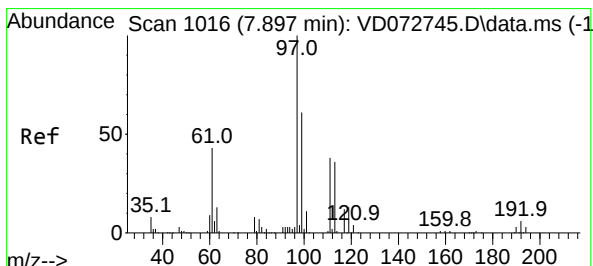
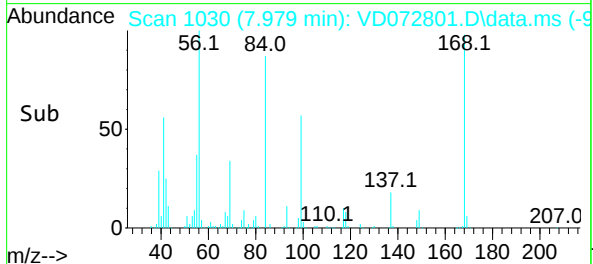
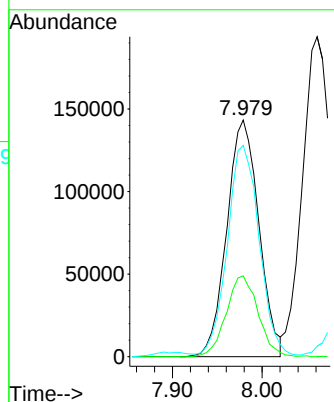
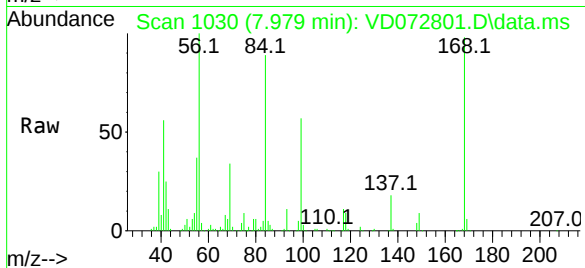
Tgt Ion: 56 Resp: 355915

Ion Ratio Lower Upper

56 100

69 34.1 25.4 38.2

84 87.5 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 47.406 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

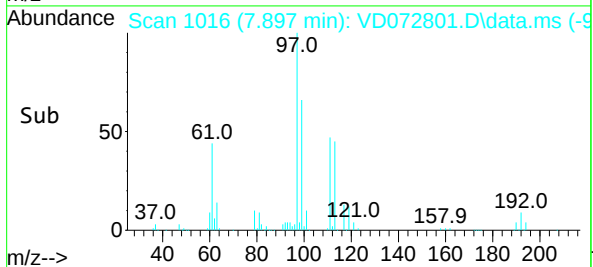
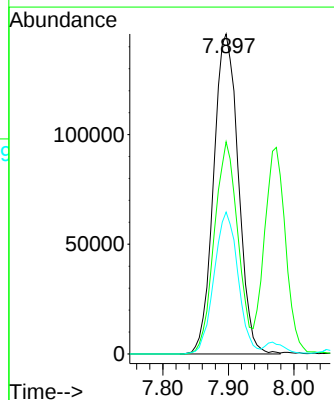
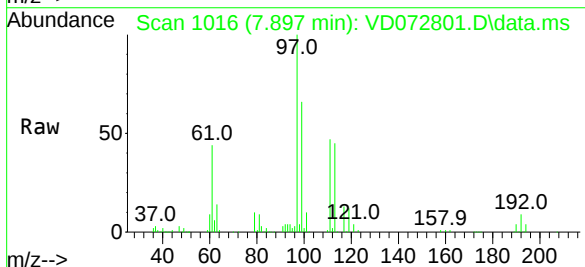
Tgt Ion: 97 Resp: 381535

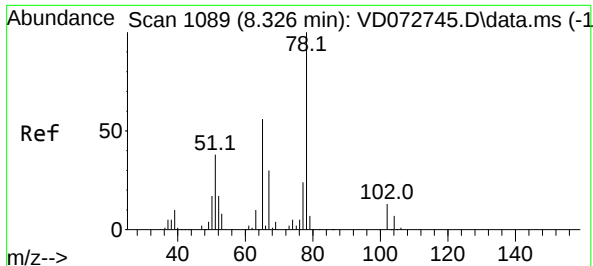
Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 44.866 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

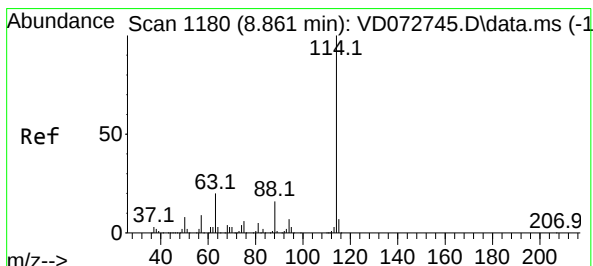
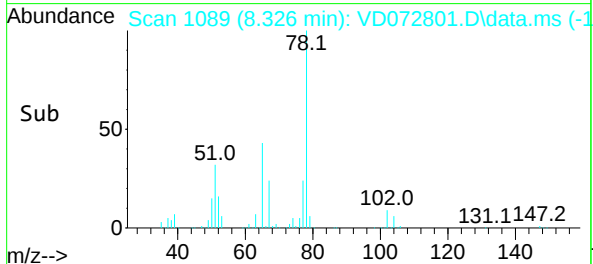
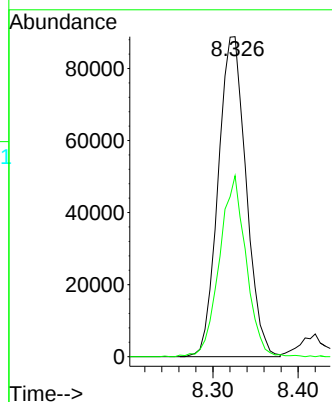
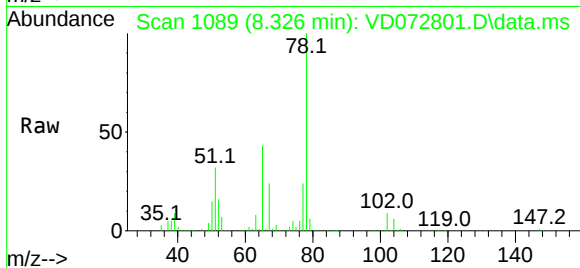
VSTDCCC050

Tgt Ion: 65 Resp: 202018

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

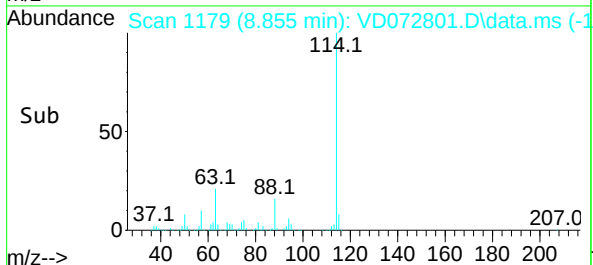
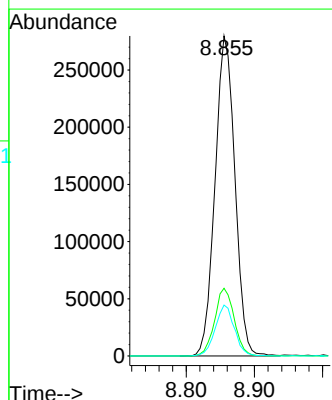
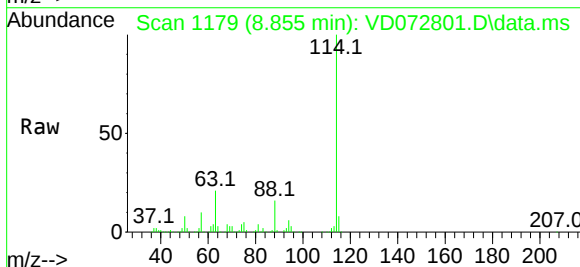
Tgt Ion: 114 Resp: 568835

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.290 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

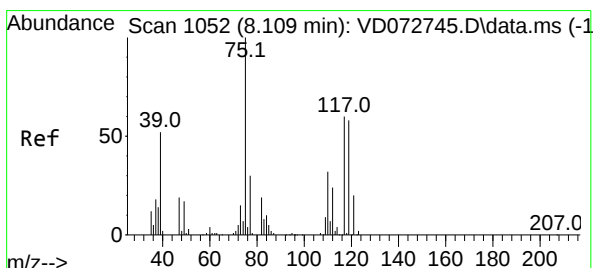
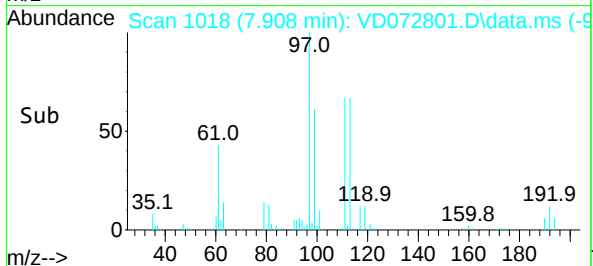
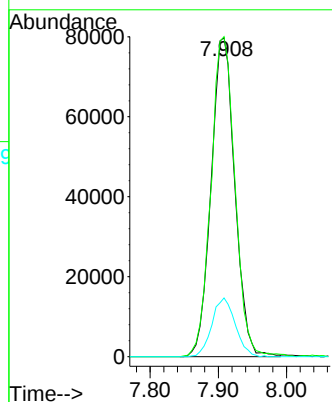
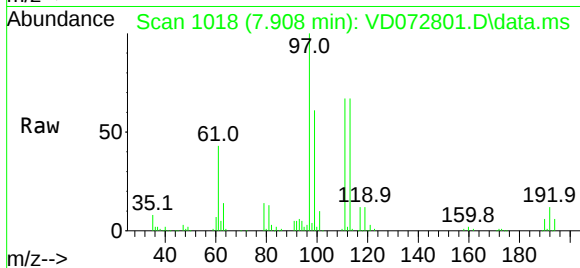
Tgt Ion:113 Resp: 192919

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 49.404 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.007 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

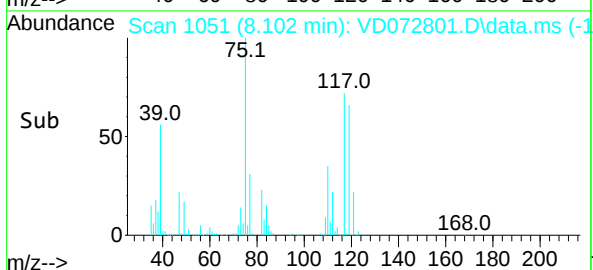
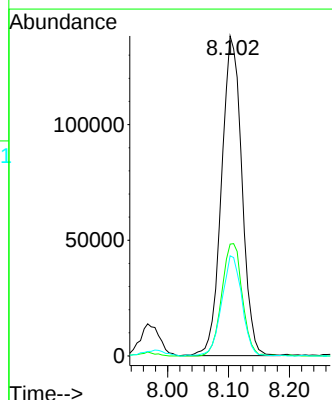
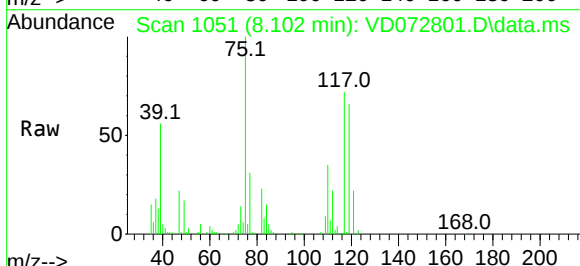
Tgt Ion: 75 Resp: 320928

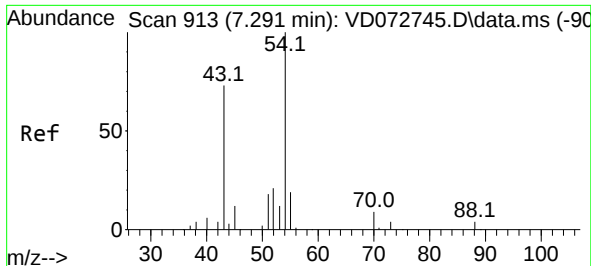
Ion Ratio Lower Upper

75 100

110 35.4 16.4 49.1

77 31.1 24.2 36.2





#37

Ethyl Acetate

Concen: 46.776 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

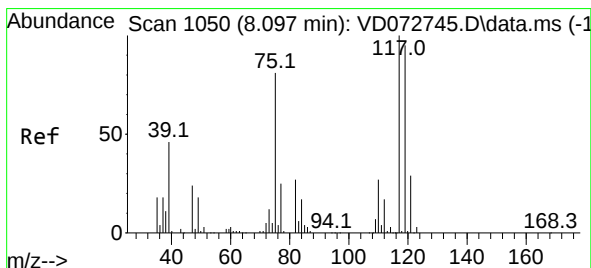
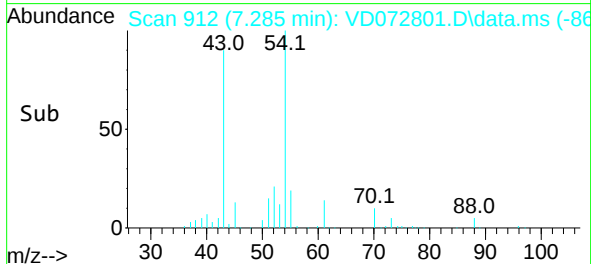
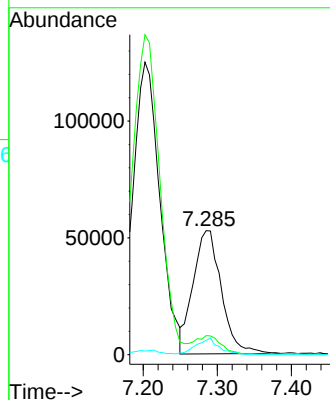
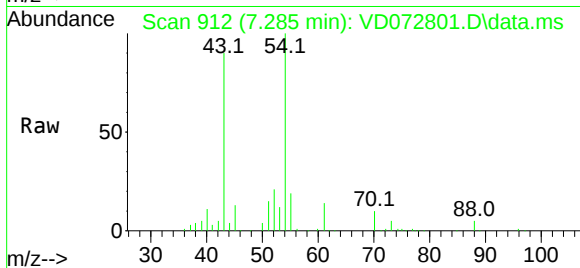
Tgt Ion: 43 Resp: 139684

Ion Ratio Lower Upper

43 100

61 13.8 9.8 14.8

70 10.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 49.435 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.006 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

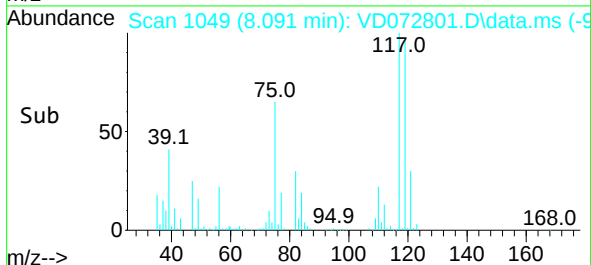
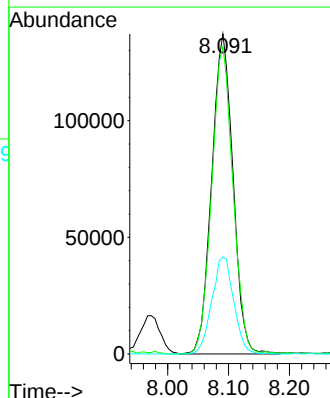
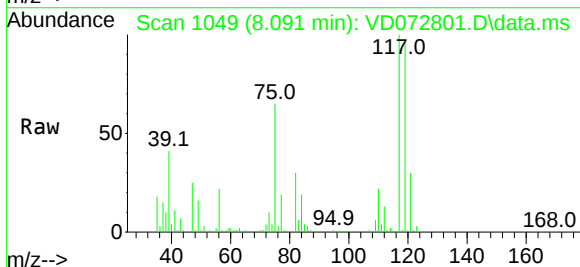
Tgt Ion: 117 Resp: 333346

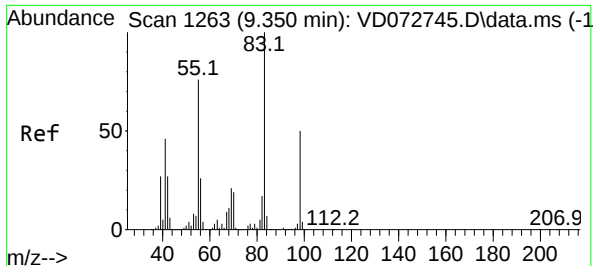
Ion Ratio Lower Upper

117 100

119 95.8 75.8 113.6

121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 48.906 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

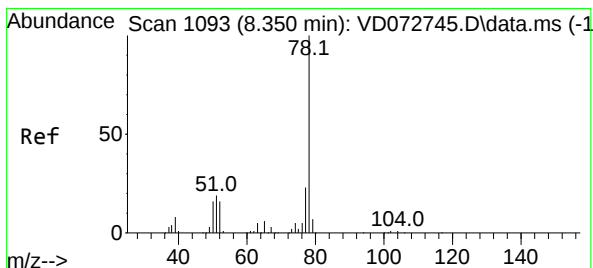
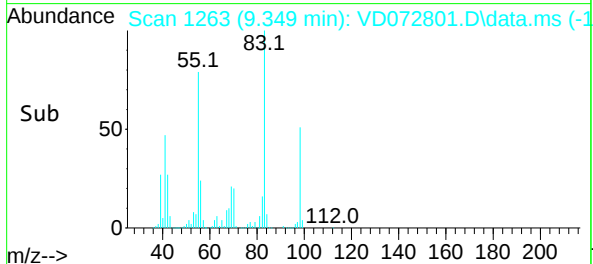
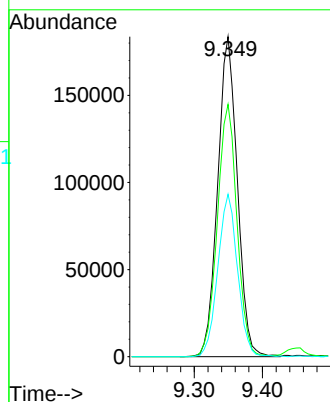
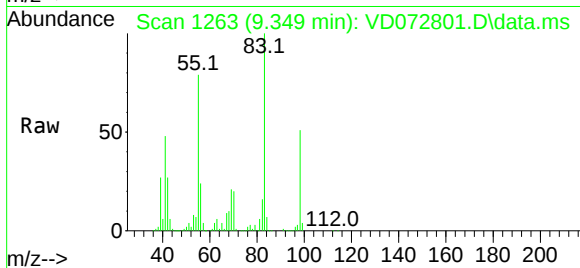
Tgt Ion: 83 Resp: 368502

Ion Ratio Lower Upper

83 100

55 78.9 63.2 94.8

98 50.7 38.2 57.4



#40

Benzene

Concen: 48.743 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072801.D

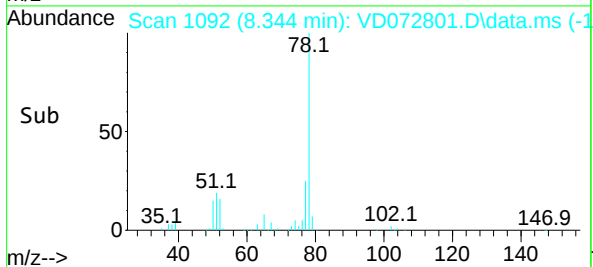
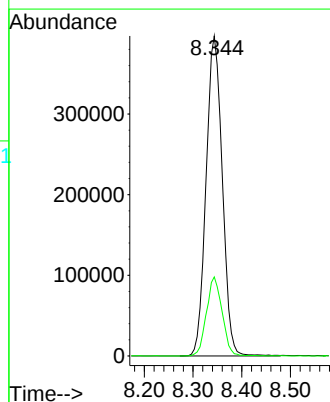
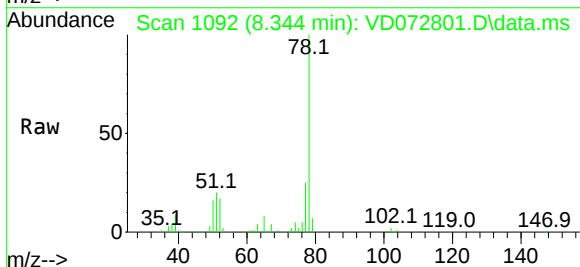
Acq: 05 May 2022 10:31

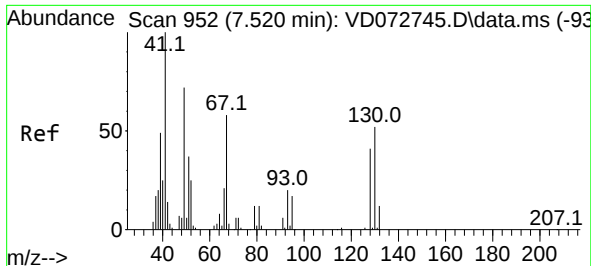
Tgt Ion: 78 Resp: 914383

Ion Ratio Lower Upper

78 100

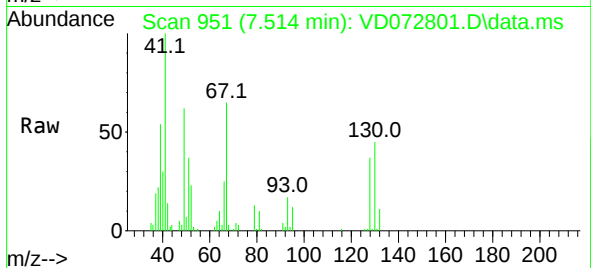
77 24.7 19.1 28.7



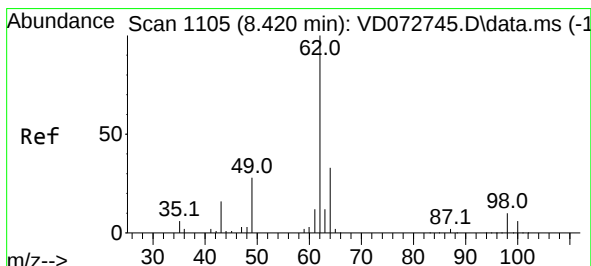
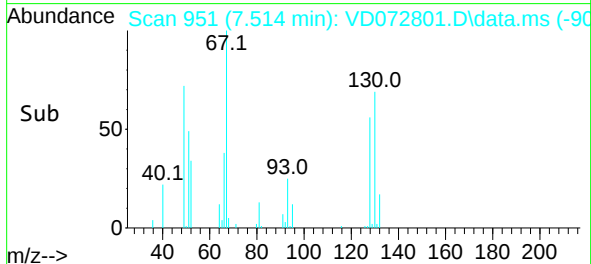
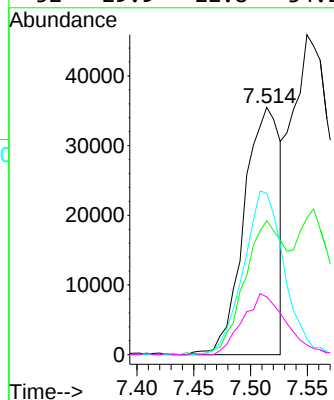


#41
Methacrylonitrile
Concen: 43.705 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

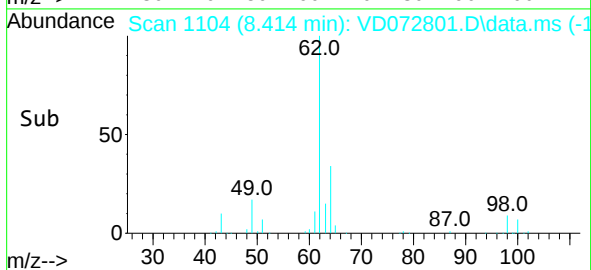
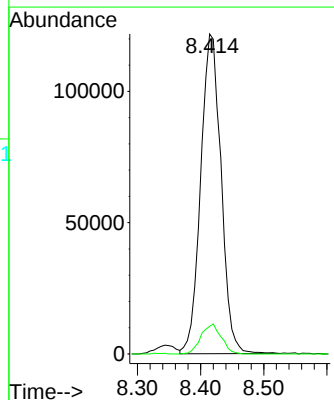
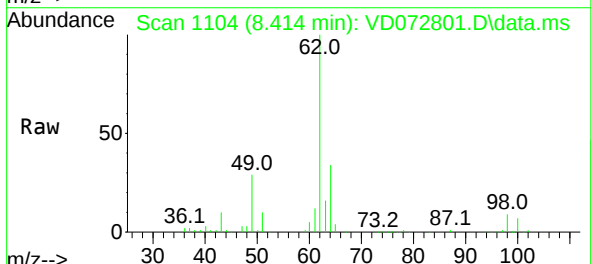


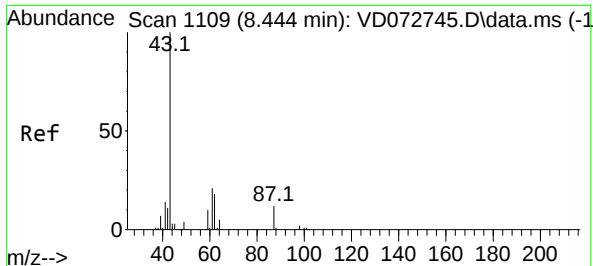
Tgt Ion:	41	Resp:	77712
Ion	Ratio	Lower	Upper
41	100		
39	60.1	44.6	67.0
67	75.1	48.2	72.4#
52	29.9	22.8	34.2



#42
1,2-Dichloroethane
Concen: 48.183 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:	62	Resp:	272379
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6

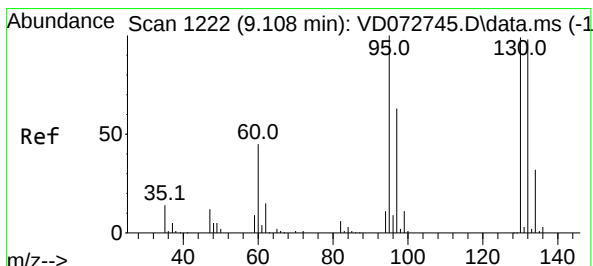
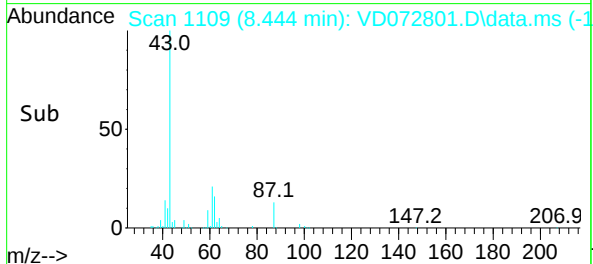
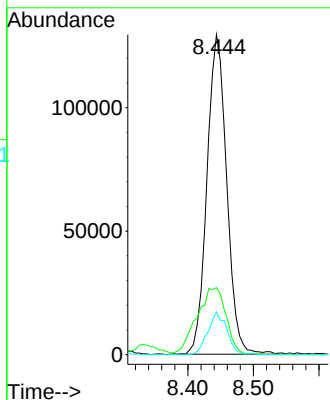
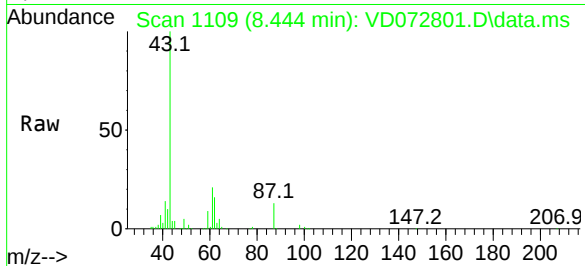




#43
Isopropyl Acetate
Concen: 49.051 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

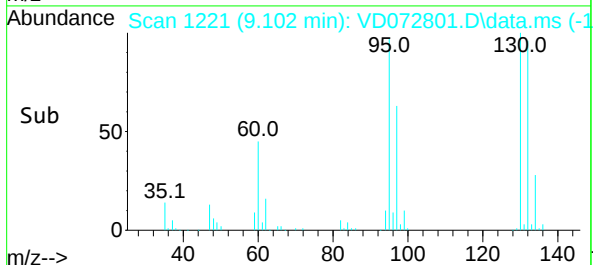
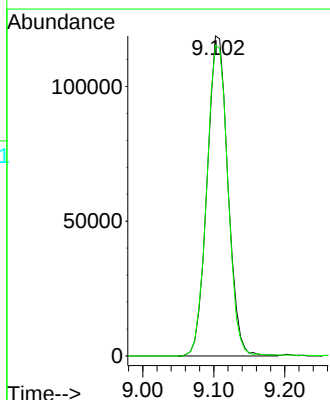
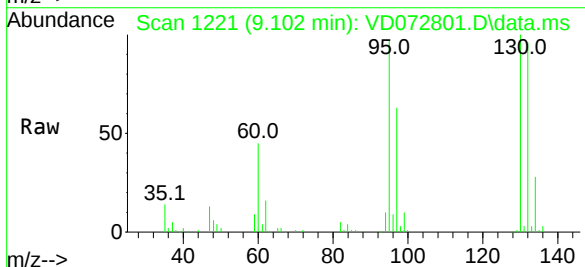
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

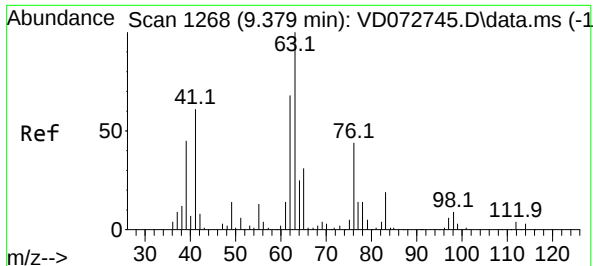
Tgt Ion: 43 Resp: 270357
Ion Ratio Lower Upper
43 100
61 31.3 22.4 33.6
87 12.9 8.7 13.1



#44
Trichloroethene
Concen: 48.219 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 130 Resp: 241999
Ion Ratio Lower Upper
130 100
95 97.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 48.090 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

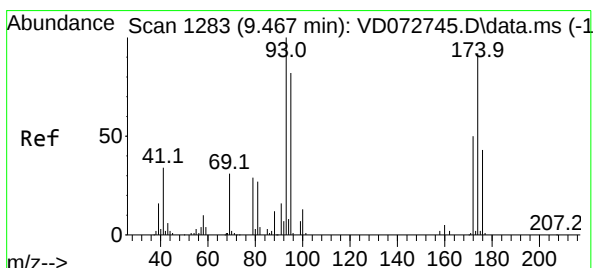
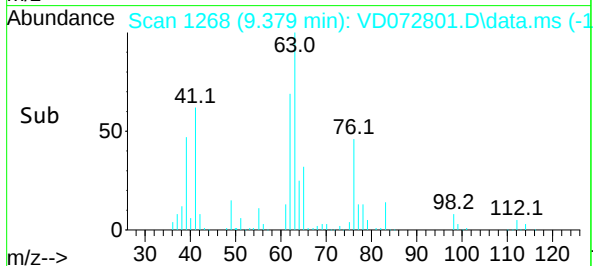
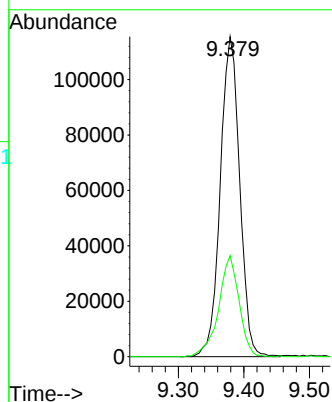
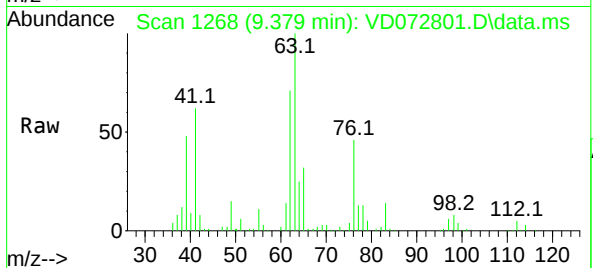
VSTDCCC050

Tgt Ion: 63 Resp: 236918

Ion Ratio Lower Upper

63 100

65 31.6 26.2 39.4



#46

Dibromomethane

Concen: 47.871 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

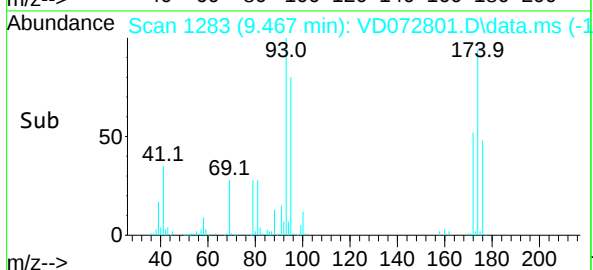
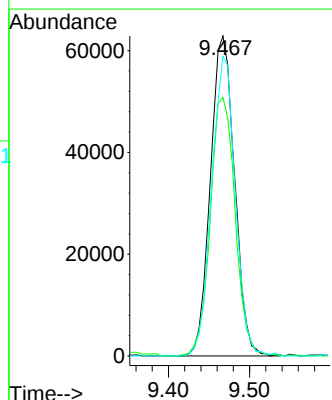
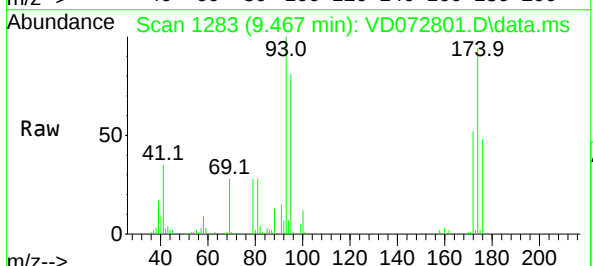
Tgt Ion: 93 Resp: 130094

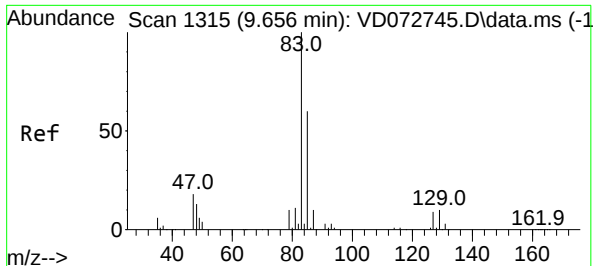
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 91.9 71.6 107.4

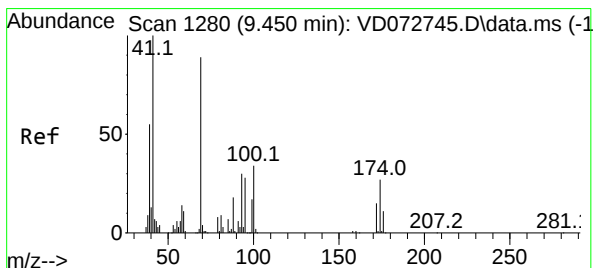
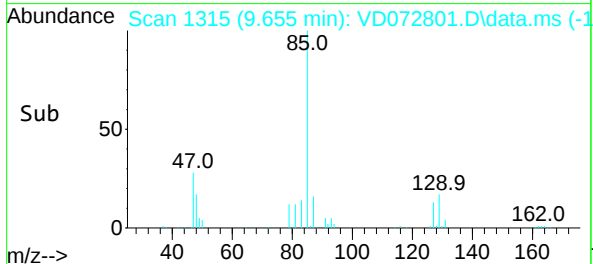
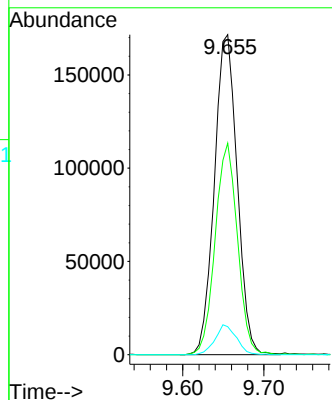
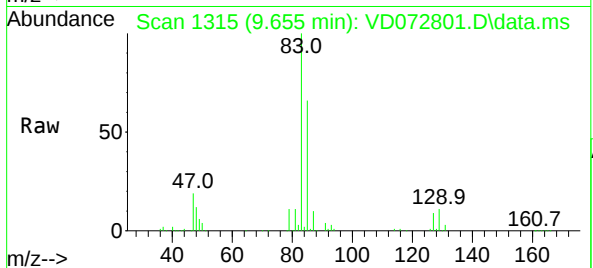




#47
Bromodichloromethane
Concen: 48.054 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

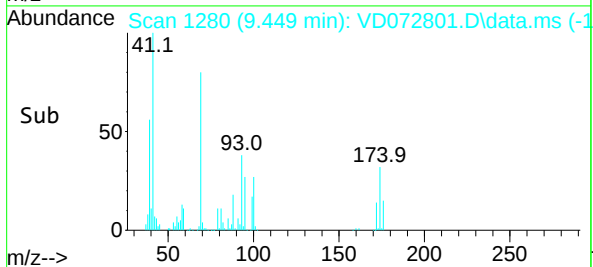
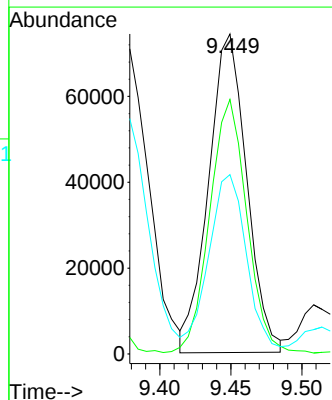
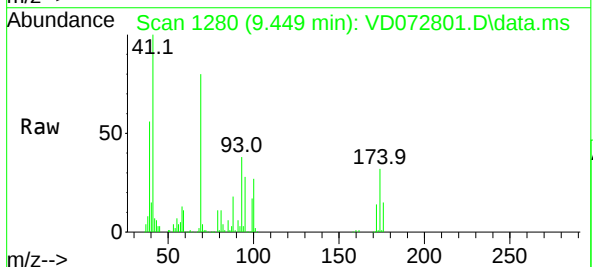
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

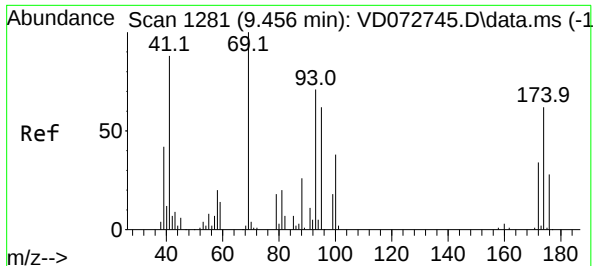
Tgt Ion: 83 Resp: 335949
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.0
127 8.8 6.1 9.1



#48
Methyl methacrylate
Concen: 51.347 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 41 Resp: 138452
Ion Ratio Lower Upper
41 100
69 77.5 56.7 85.1
39 51.5 42.7 64.1





#49

1,4-Dioxane

Concen: 935.420 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.007 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

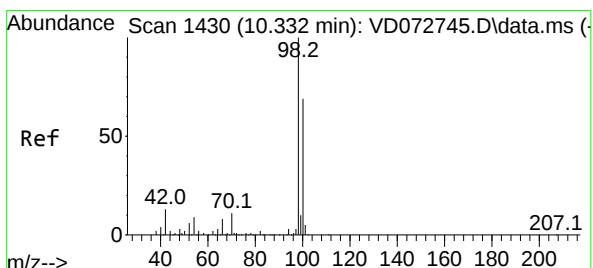
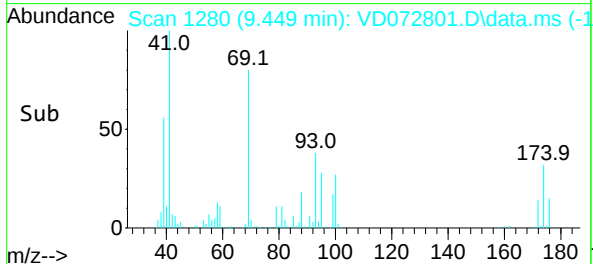
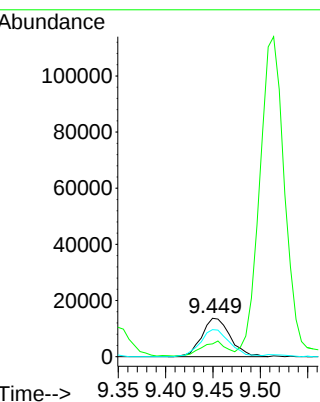
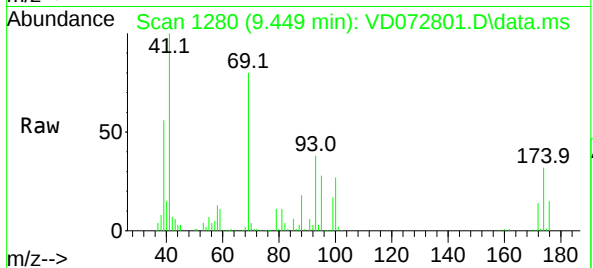
Tgt Ion: 88 Resp: 28626

Ion Ratio Lower Upper

88 100

43 32.8 31.0 46.4

58 73.0 58.1 87.1



#50

Toluene-d8

Concen: 48.326 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072801.D

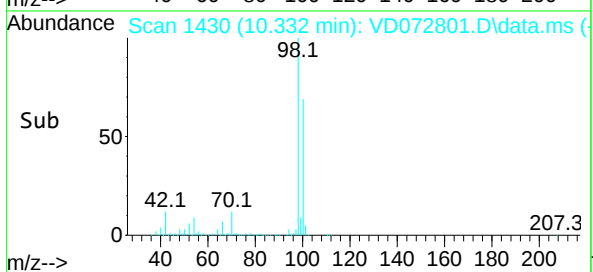
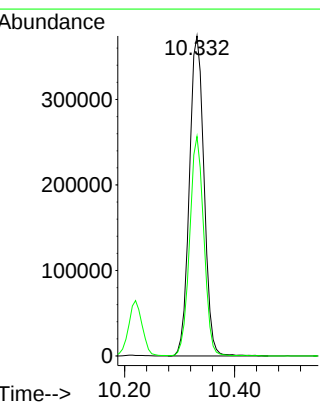
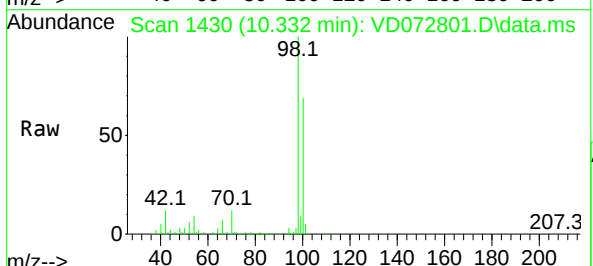
Acq: 05 May 2022 10:31

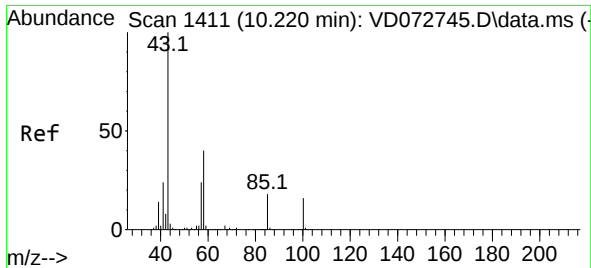
Tgt Ion: 98 Resp: 692537

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6

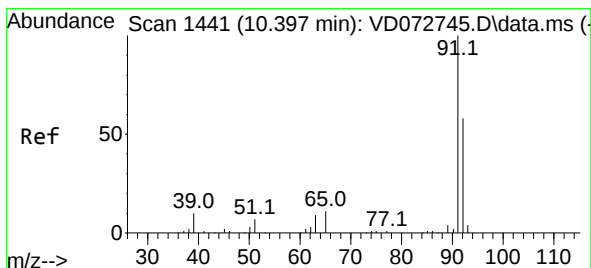
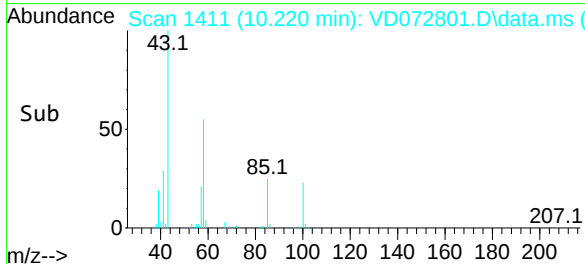
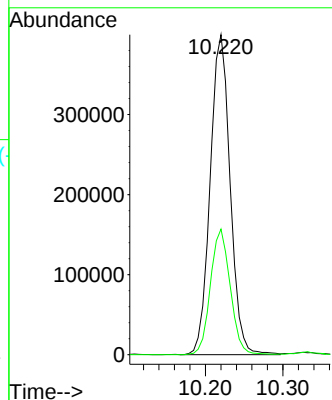
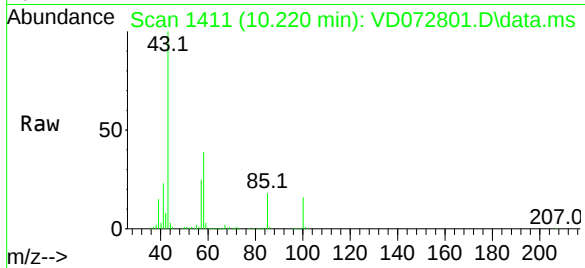




#51
4-Methyl-2-Pentanone
Concen: 249.881 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

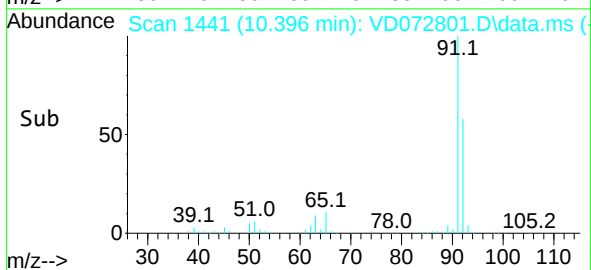
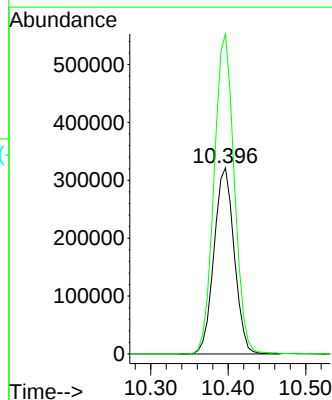
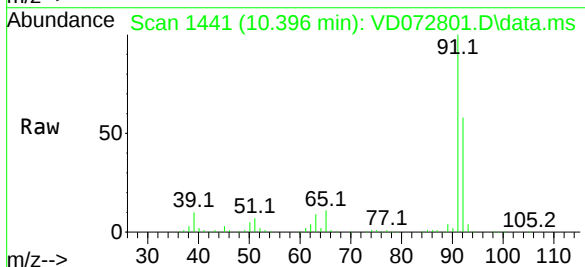
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

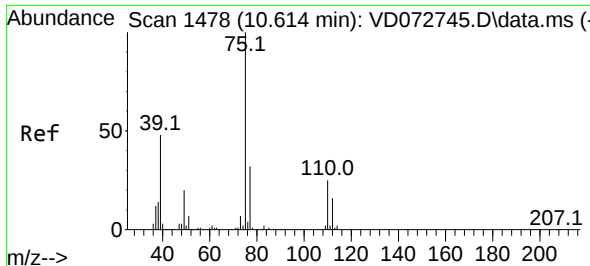
Tgt Ion: 43 Resp: 715677
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 49.815 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 92 Resp: 582939
Ion Ratio Lower Upper
92 100
91 171.8 139.6 209.4

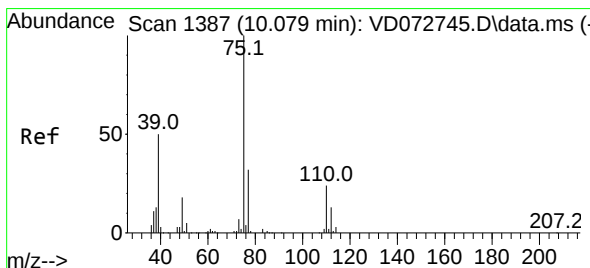
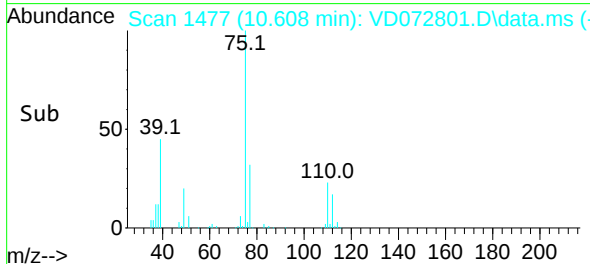
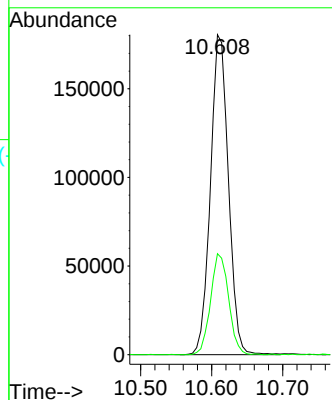
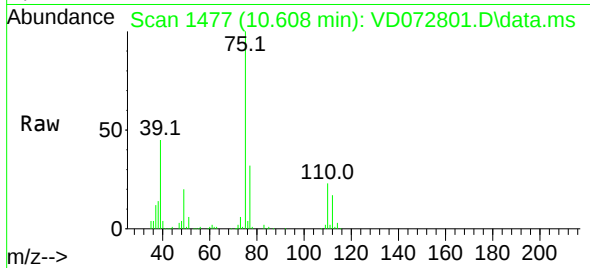




#53
t-1,3-Dichloropropene
Concen: 49.393 ug/l
RT: 10.608 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

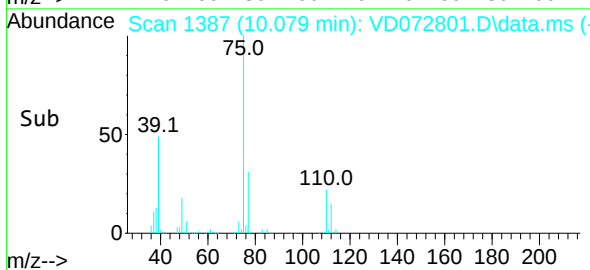
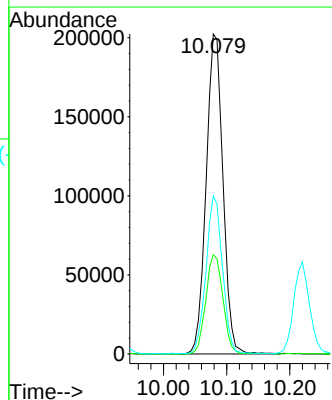
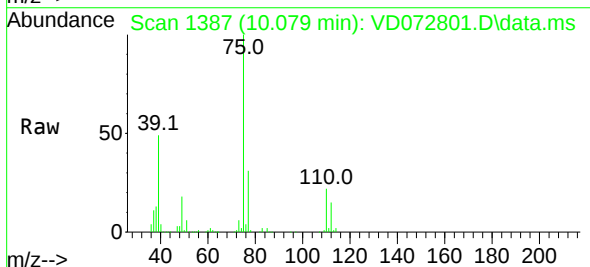
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

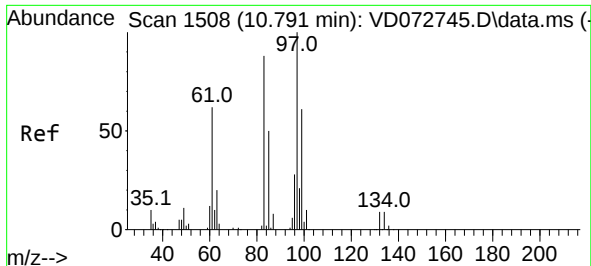
Tgt Ion: 75 Resp: 317178
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 50.204 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 75 Resp: 374547
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 49.3 46.8 70.2

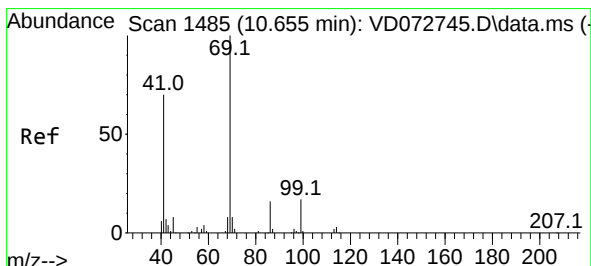
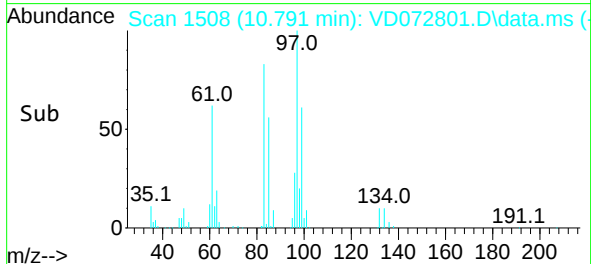
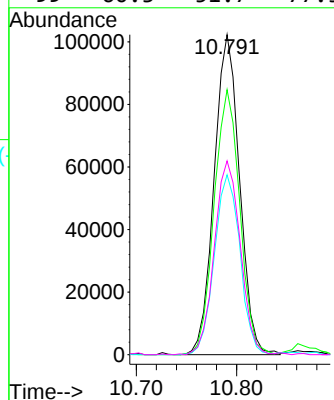
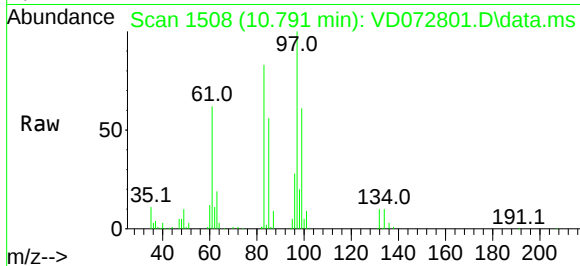




#55
1,1,2-Trichloroethane
Concen: 49.032 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

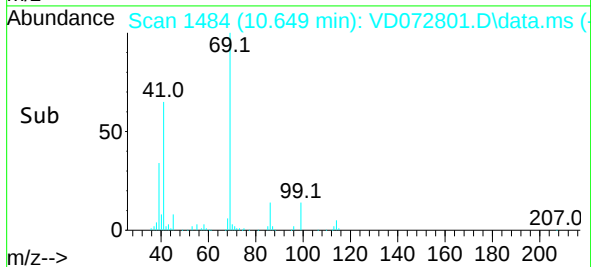
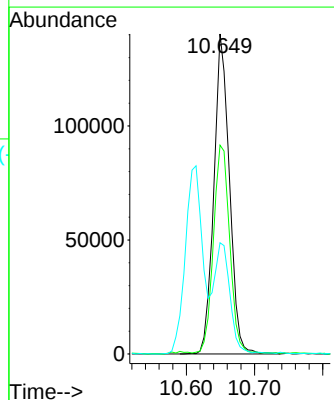
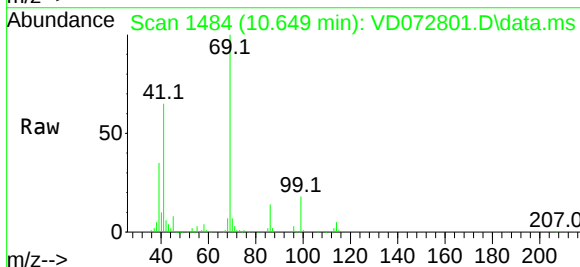
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

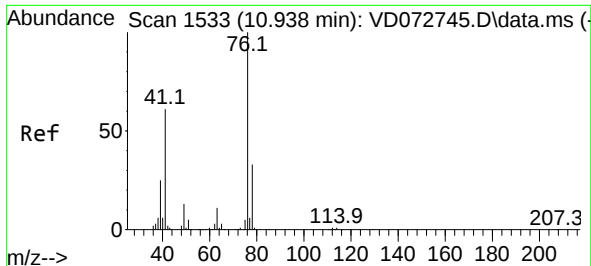
Tgt Ion:	97	Resp:	180132
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.0	103.4
85	56.2	42.6	63.8
99	60.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 51.539 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:	69	Resp:	222936
Ion	Ratio	Lower	Upper
69	100		
41	68.1	63.0	94.6
39	36.0	33.8	50.8

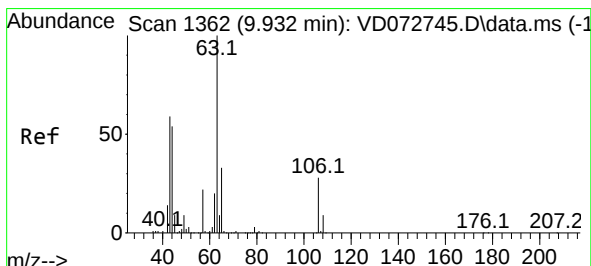
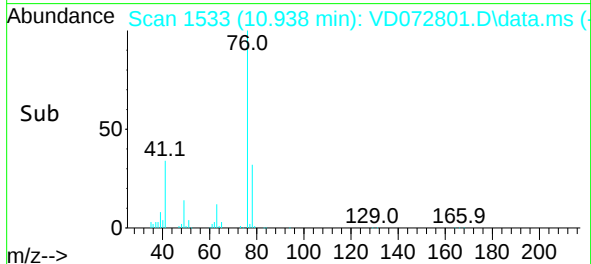
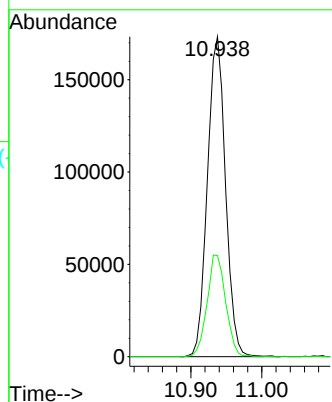
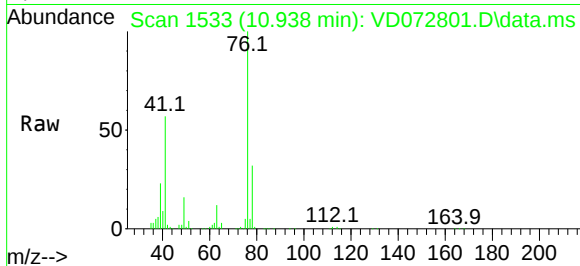




#57
1,3-Dichloropropane
Concen: 48.724 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

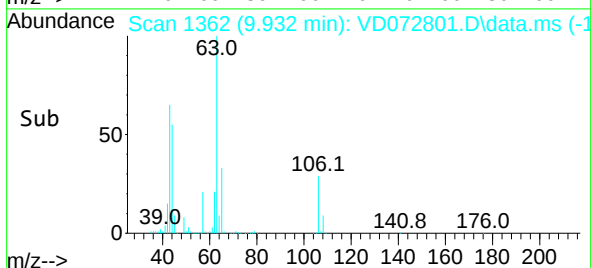
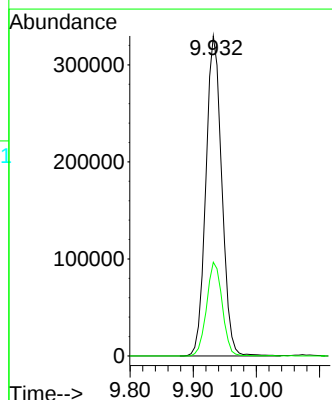
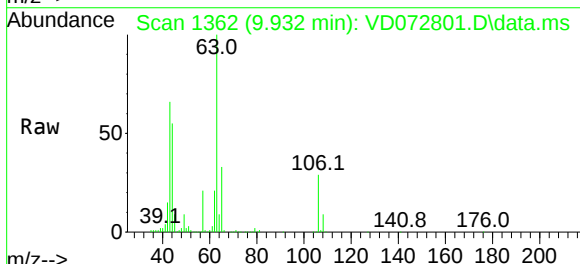
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

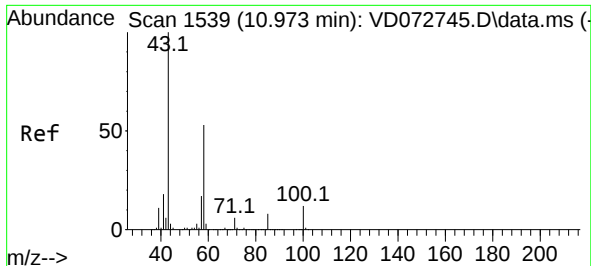
Tgt Ion: 76 Resp: 307175
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 276.081 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 63 Resp: 578995
Ion Ratio Lower Upper
63 100
106 28.6 21.4 32.0

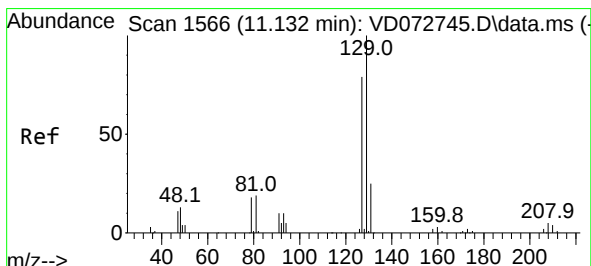
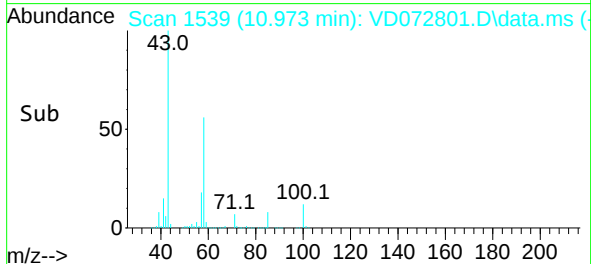
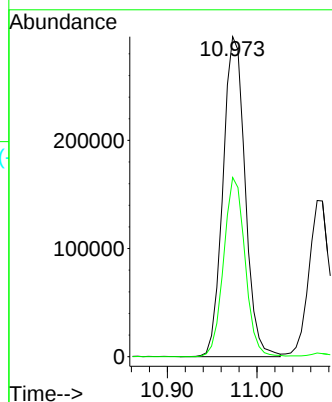
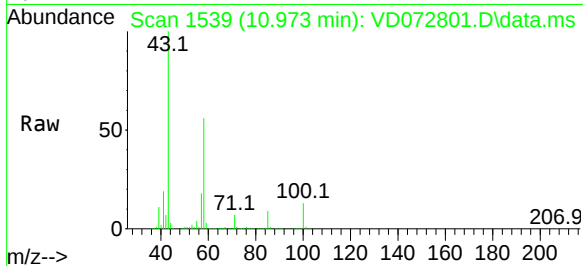




#59
2-Hexanone
Concen: 263.188 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

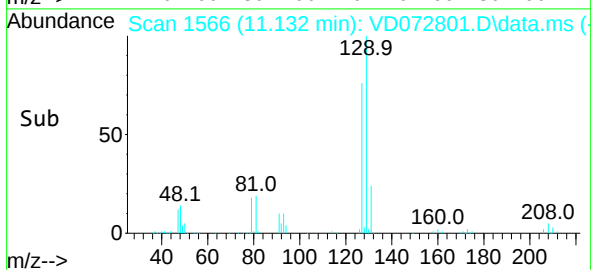
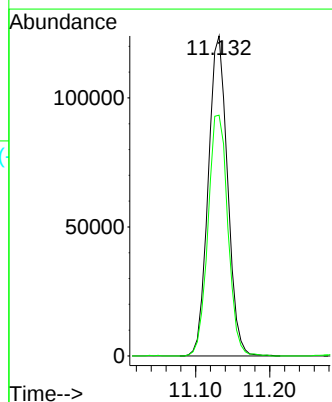
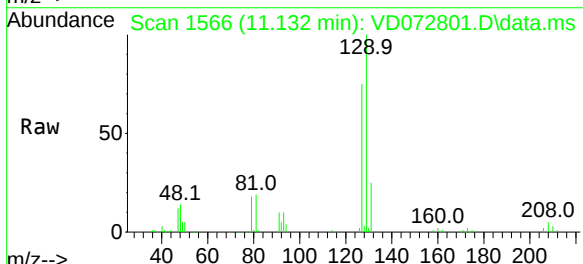
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

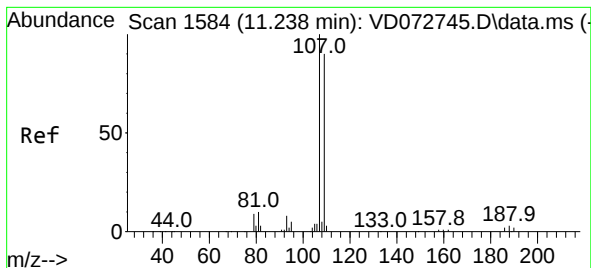
Tgt Ion: 43 Resp: 507214
Ion Ratio Lower Upper
43 100
58 54.2 25.3 75.9



#60
Dibromochloromethane
Concen: 48.534 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:129 Resp: 224456
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6

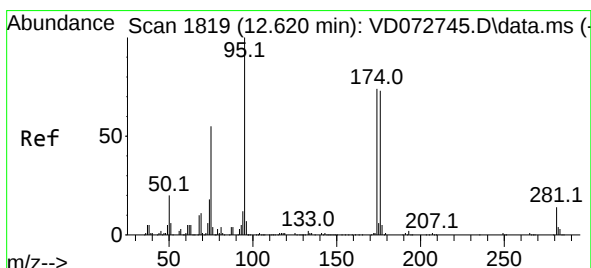
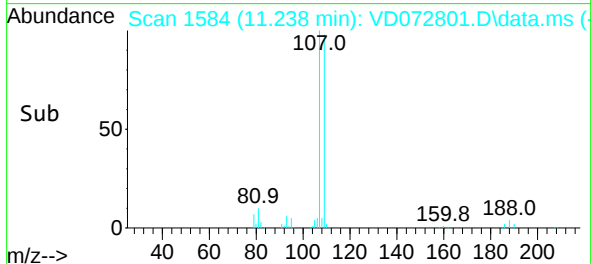
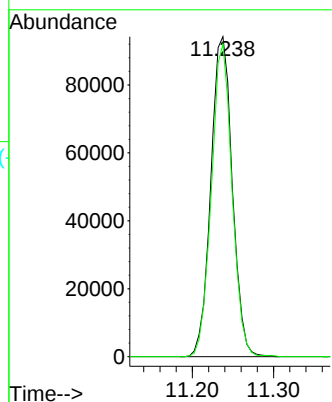
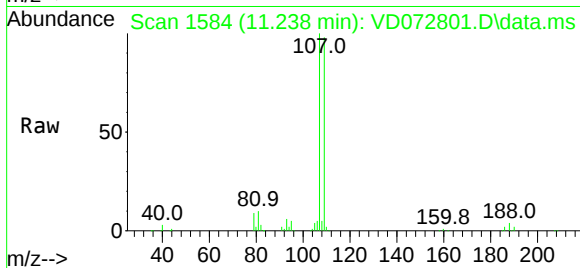




#61
1,2-Dibromoethane
Concen: 48.357 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

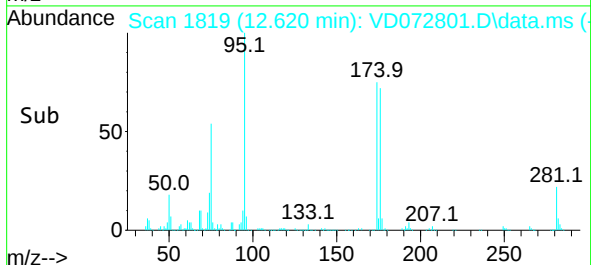
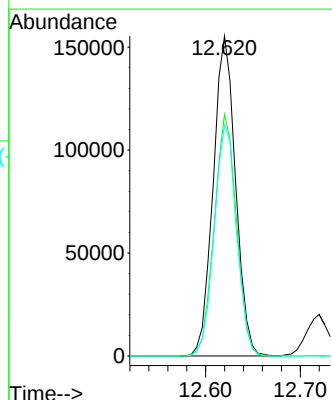
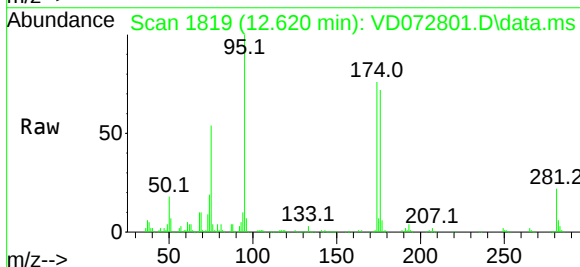
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

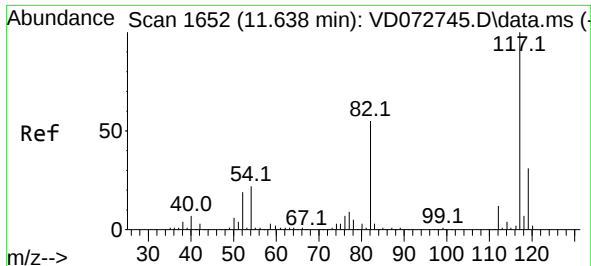
Tgt Ion:107 Resp: 172917
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.755 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 95 Resp: 255173
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 72.0 0.0 145.4

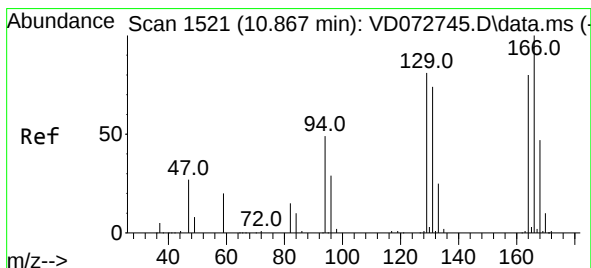
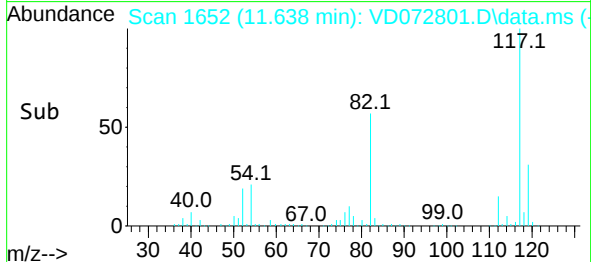
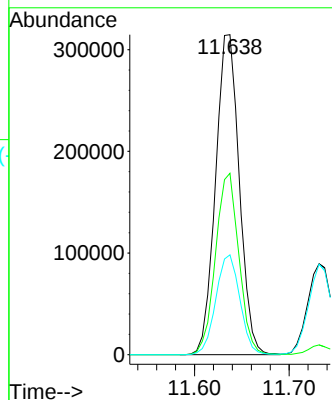
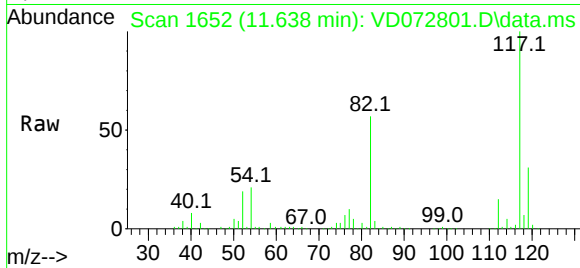




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

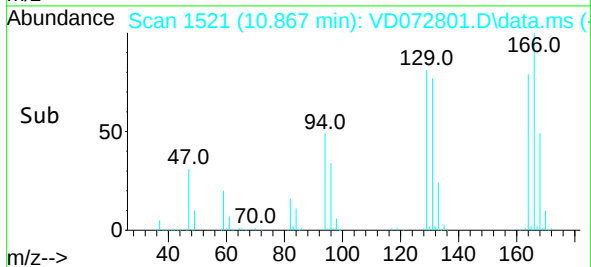
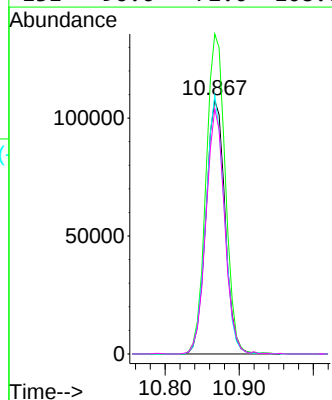
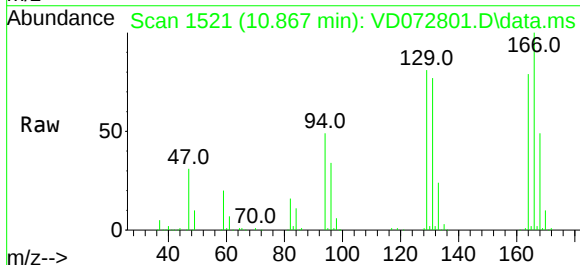
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

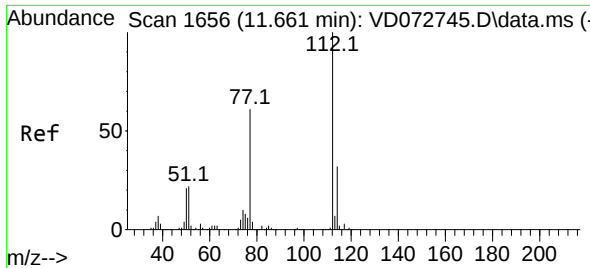
Tgt Ion:117 Resp: 549689
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 31.2 26.6 40.0



#64
Tetrachloroethene
Concen: 47.880 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:164 Resp: 192423
Ion Ratio Lower Upper
164 100
166 126.1 98.5 147.7
129 101.9 74.6 111.8
131 96.6 72.0 108.0

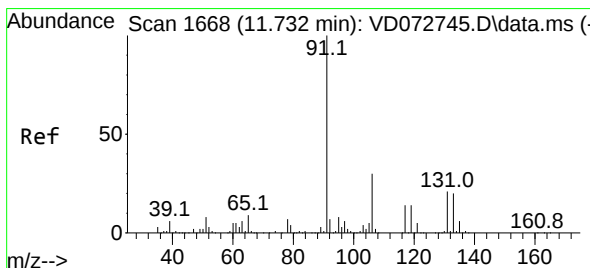
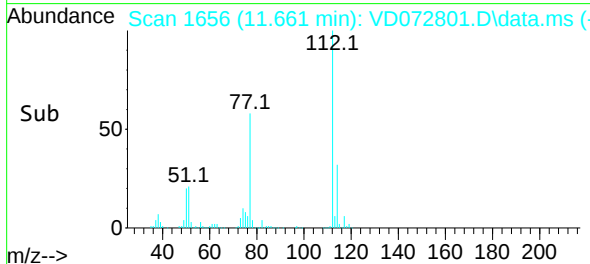
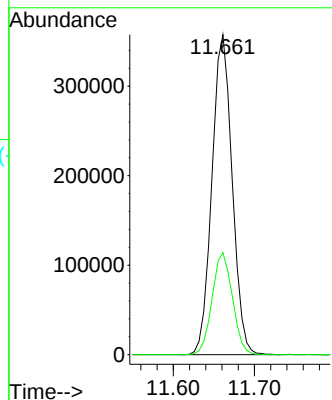
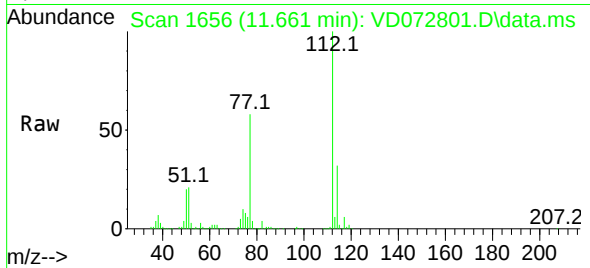




#65
Chlorobenzene
Concen: 48.673 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

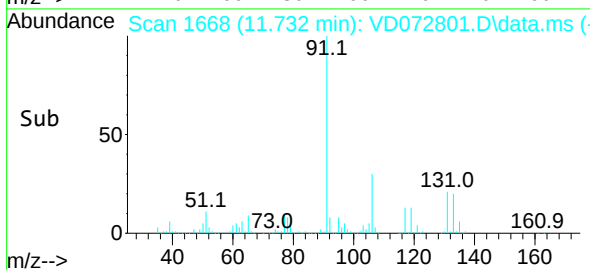
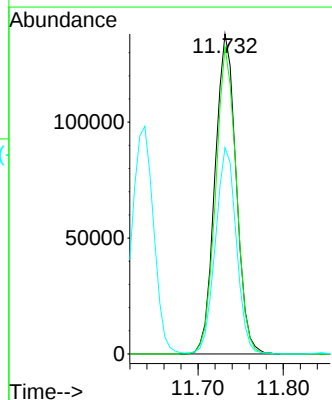
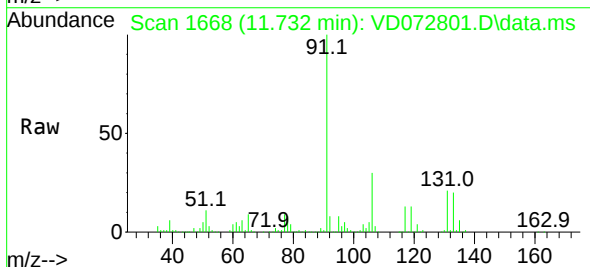
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

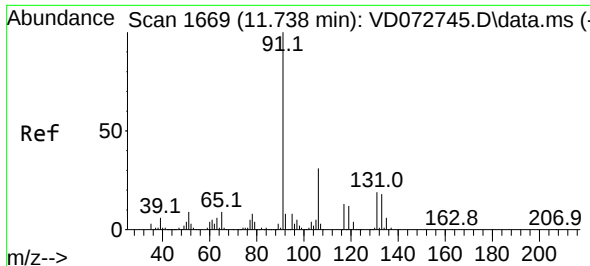
Tgt Ion:112 Resp: 618824
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.816 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:131 Resp: 238029
Ion Ratio Lower Upper
131 100
133 93.6 48.1 144.3
119 63.9 31.9 95.9

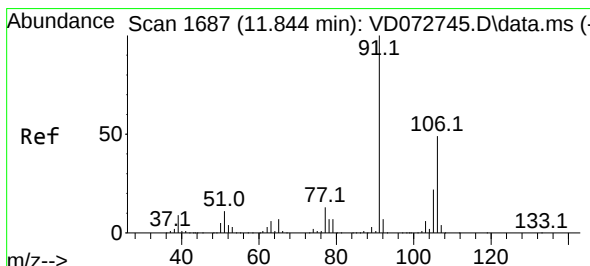
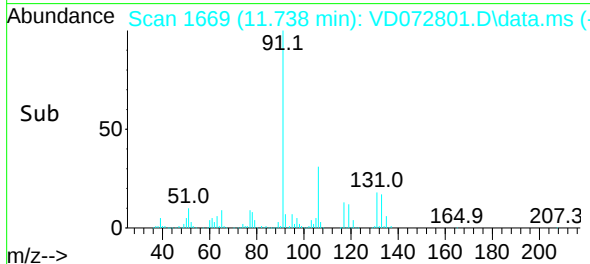
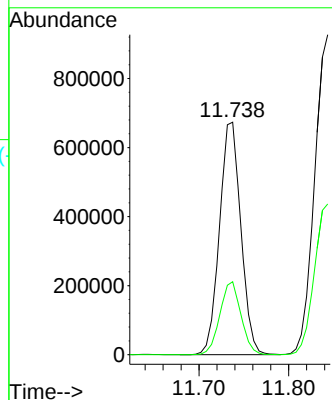
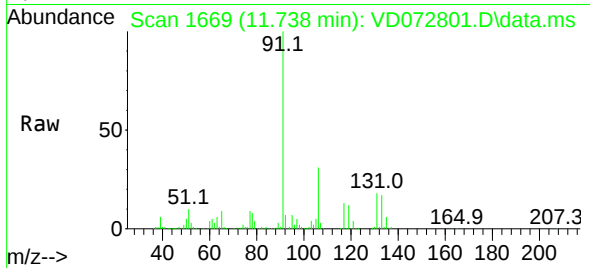




#67
Ethyl Benzene
Concen: 50.638 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

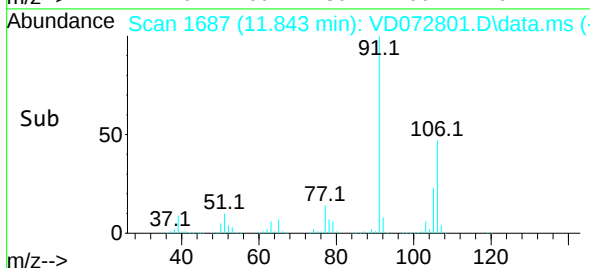
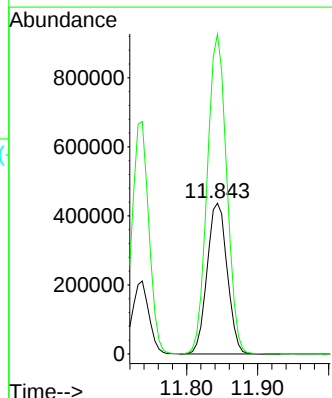
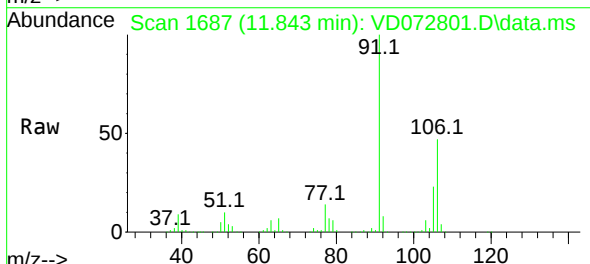
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

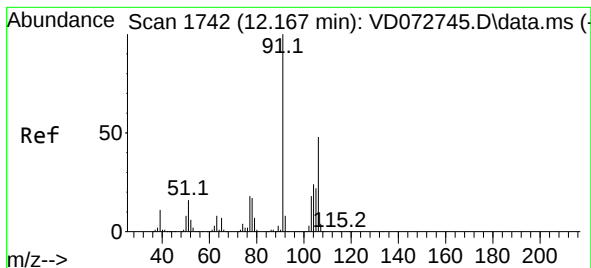
Tgt Ion: 91 Resp: 1114189
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 101.314 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 106 Resp: 858702
Ion Ratio Lower Upper
106 100
91 205.6 163.7 245.5





#69

o-Xylene

Concen: 51.242 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

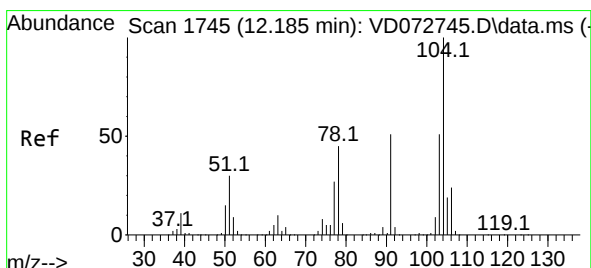
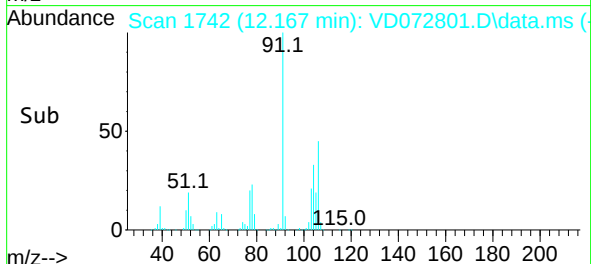
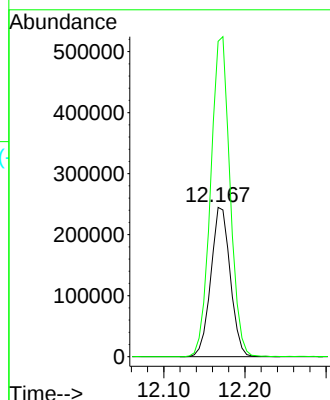
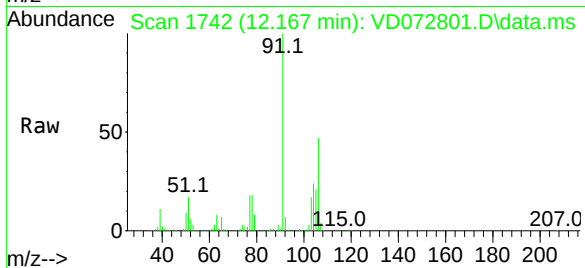
VSTDCCC050

Tgt Ion:106 Resp: 405618

Ion Ratio Lower Upper

106 100

91 214.1 110.4 331.2



#70

Styrene

Concen: 51.193 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

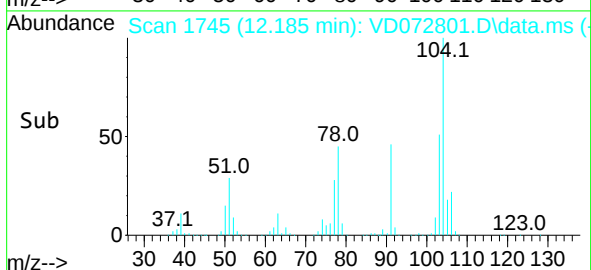
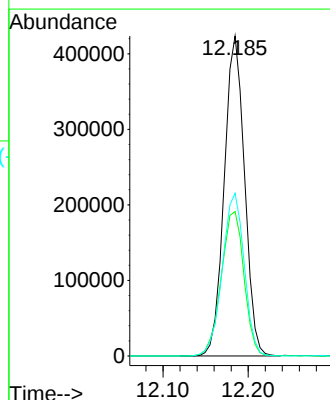
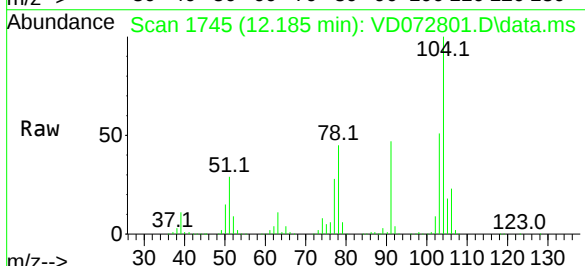
Tgt Ion:104 Resp: 702101

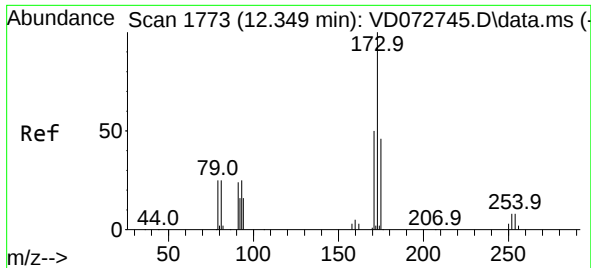
Ion Ratio Lower Upper

104 100

78 50.5 41.8 62.8

103 54.9 44.2 66.4

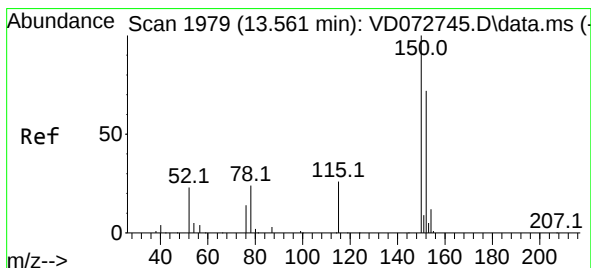
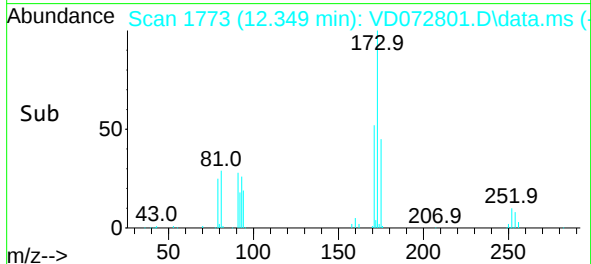
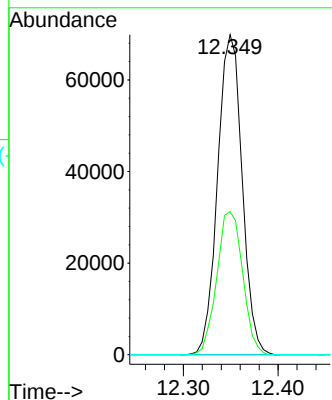
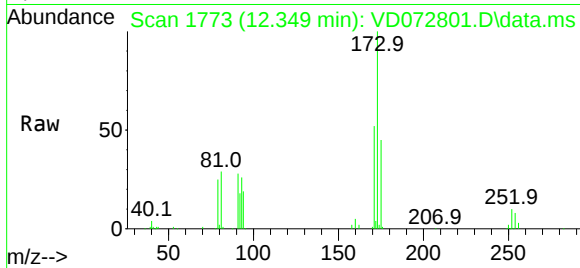




#71
Bromoform
Concen: 48.550 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

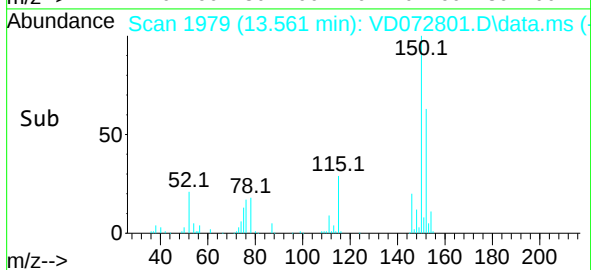
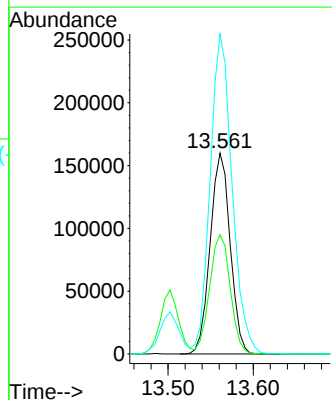
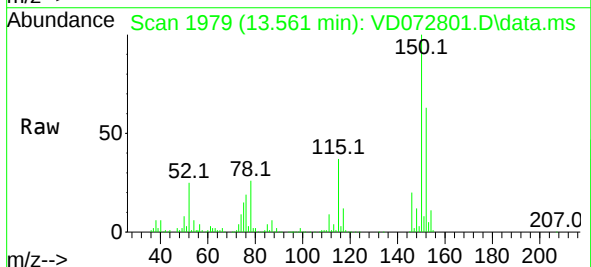
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

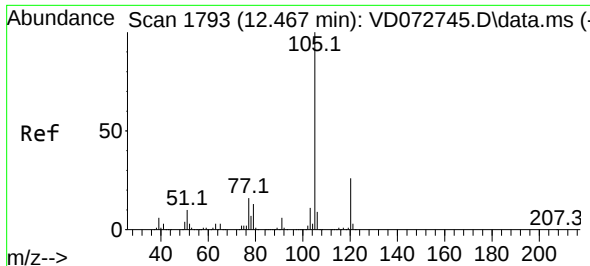
Tgt Ion:173 Resp: 125722
Ion Ratio Lower Upper
173 100
175 47.1 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:152 Resp: 261109
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 174.4 0.0 348.6

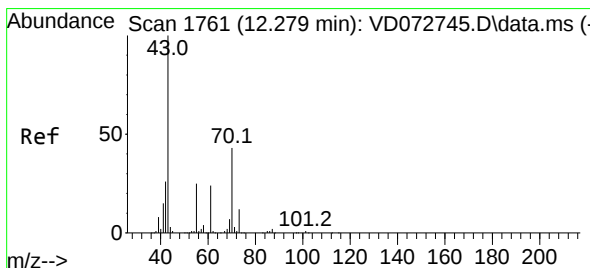
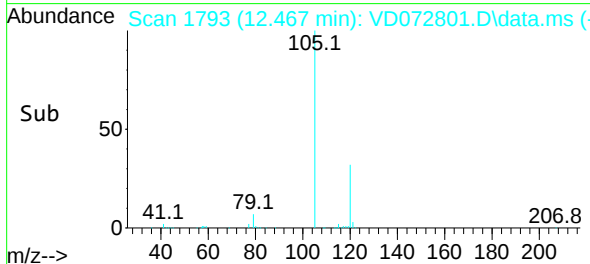
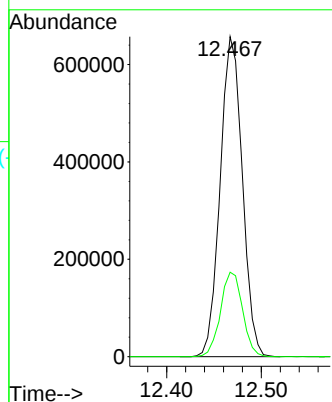
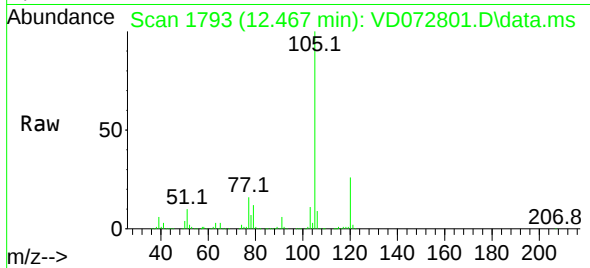




#73
Isopropylbenzene
Concen: 52.627 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

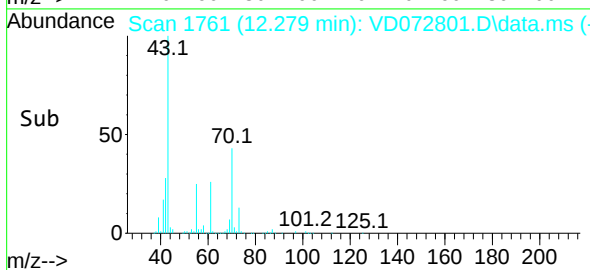
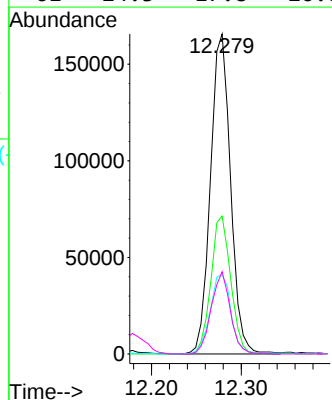
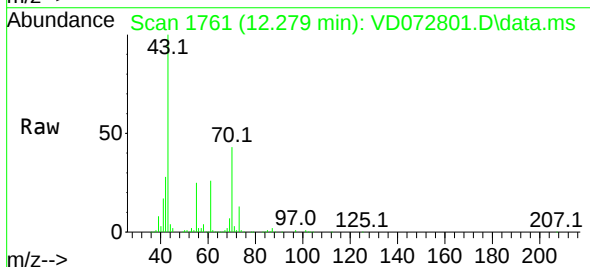
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

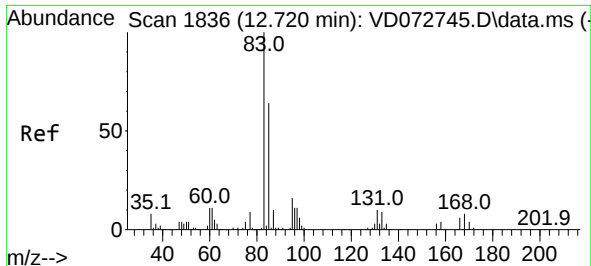
Tgt Ion:105 Resp: 1069129
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 51.003 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 43 Resp: 258030
Ion Ratio Lower Upper
43 100
70 42.4 31.3 46.9
55 25.7 20.0 30.0
61 24.3 17.8 26.8

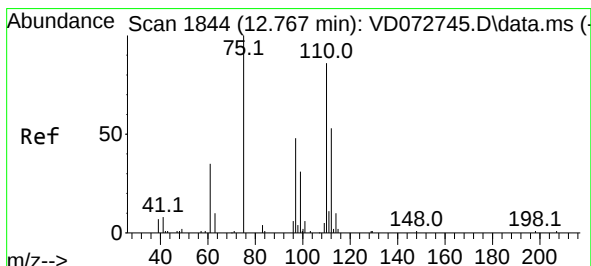
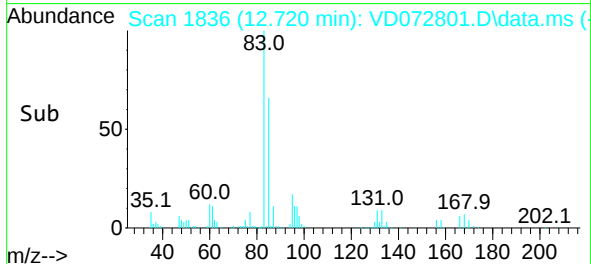
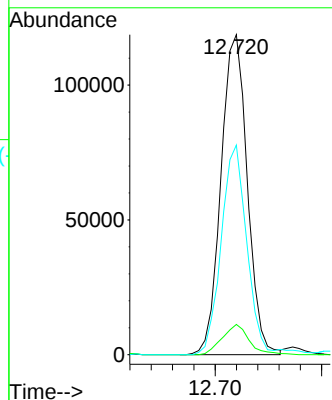
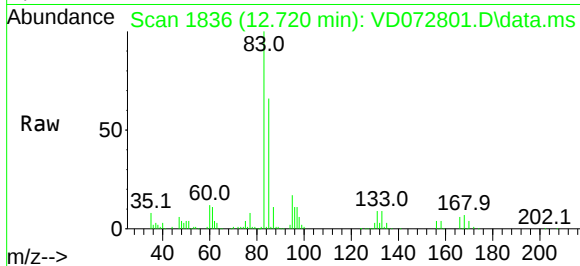




#75
 1,1,2-Tetrachloroethane
 Concen: 49.567 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

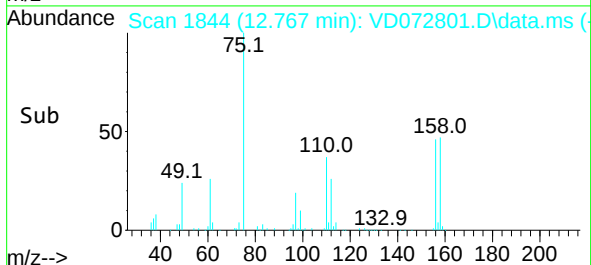
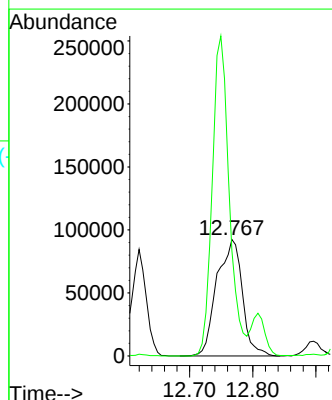
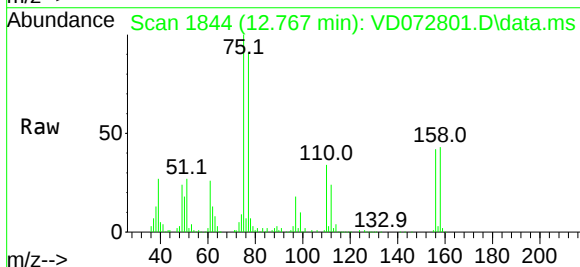
Instrument :
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 ClientSampleId :
 VSTDCCC050

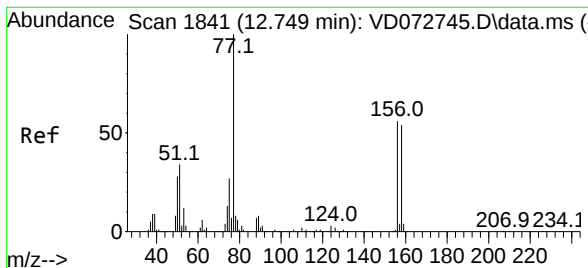
Tgt Ion: 83 Resp: 203268
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 63.2 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 88.735 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

Tgt Ion: 75 Resp: 258354
 Ion Ratio Lower Upper
 75 100
 77 184.3 0.0 0.0#





#77

Bromobenzene

Concen: 50.412 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

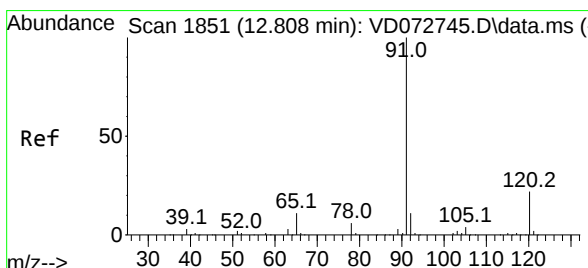
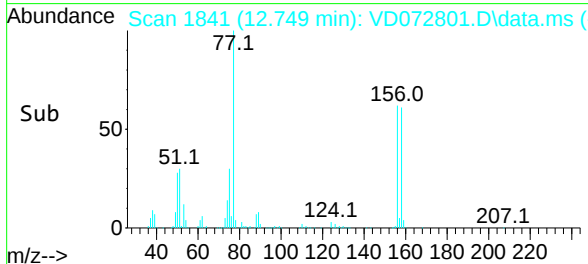
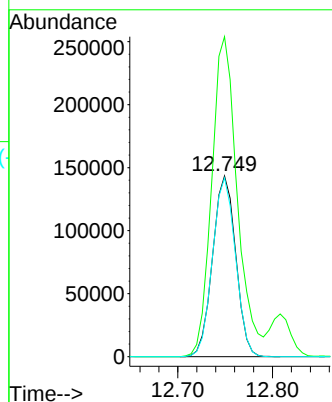
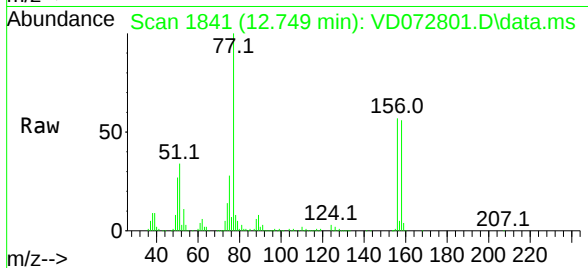
Tgt Ion:156 Resp: 243191

Ion Ratio Lower Upper

156 100

77 195.8 102.8 308.3

158 98.3 48.7 146.1



#78

n-propylbenzene

Concen: 52.442 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD072801.D

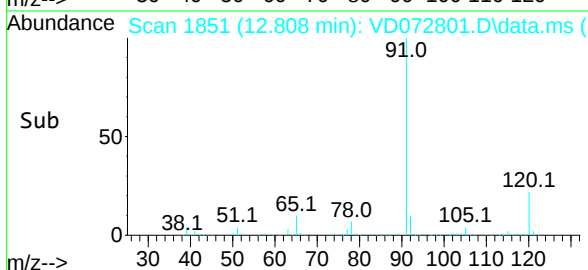
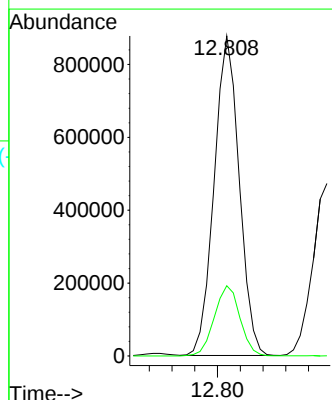
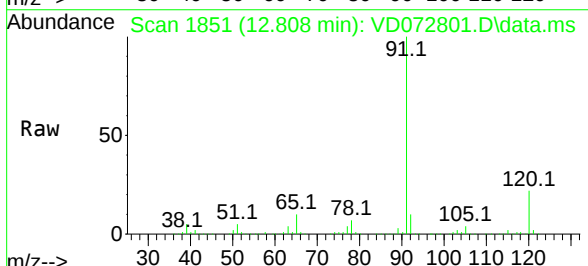
Acq: 05 May 2022 10:31

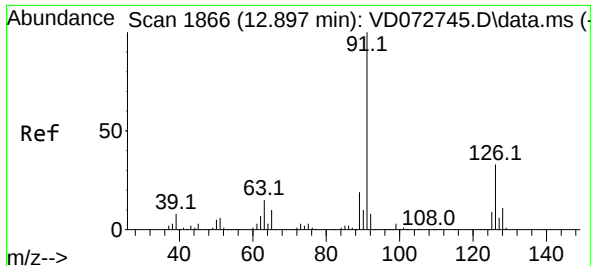
Tgt Ion: 91 Resp: 1342708

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9

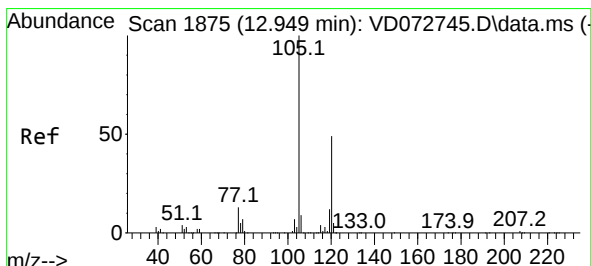
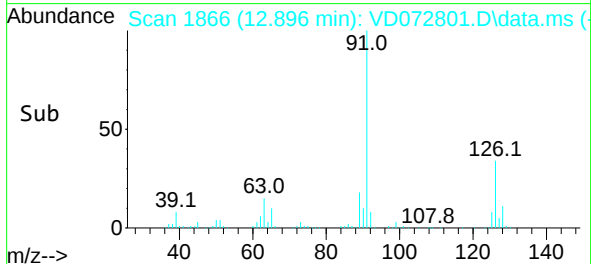
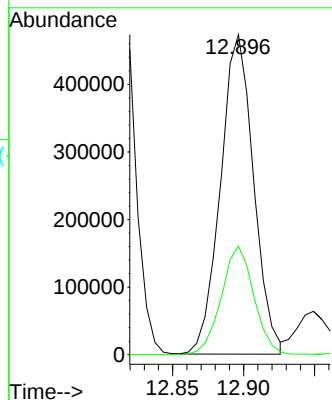
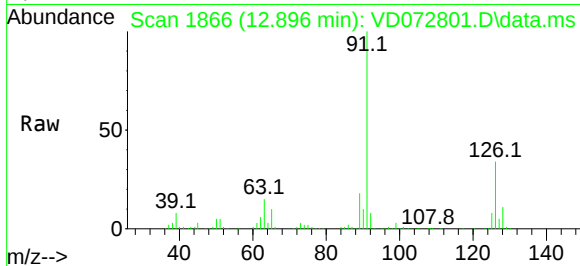




#79
2-Chlorotoluene
Concen: 51.246 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

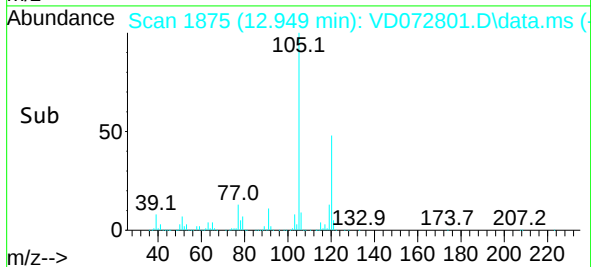
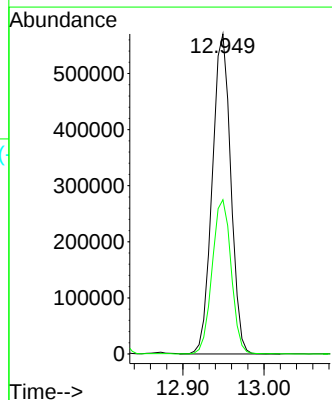
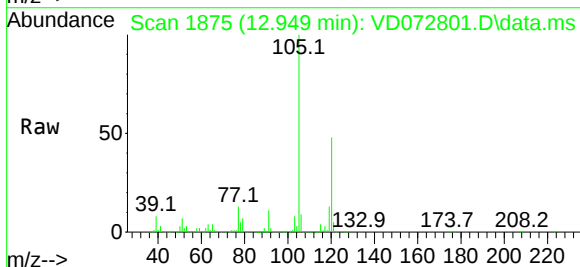
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

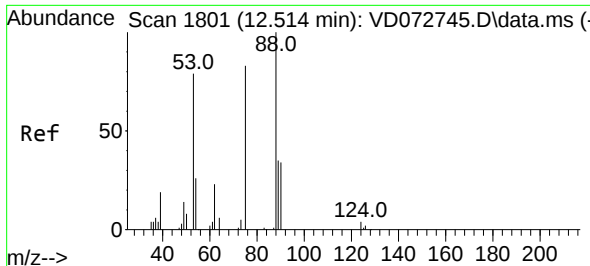
Tgt Ion: 91 Resp: 766465
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 52.414 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 105 Resp: 902868
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8

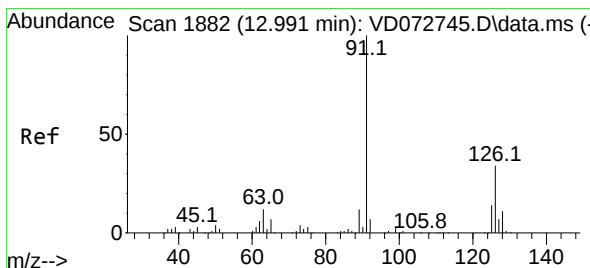
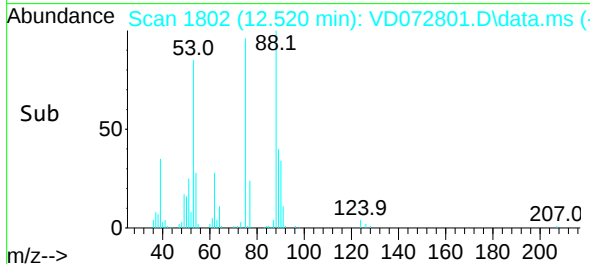
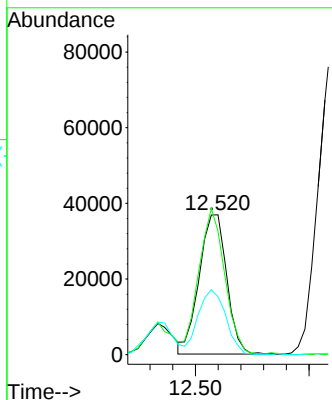
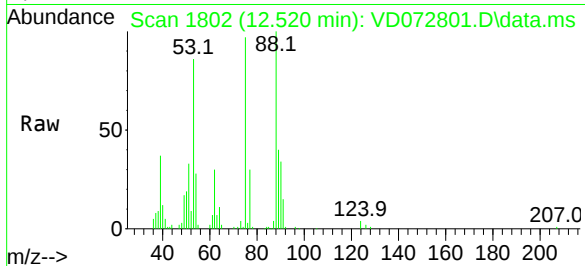




#81
trans-1,4-Dichloro-2-butene
Concen: 49.144 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

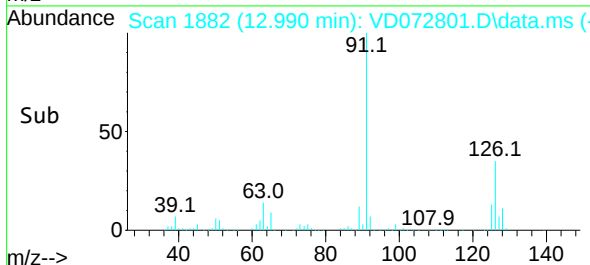
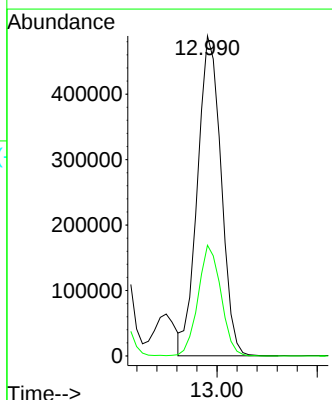
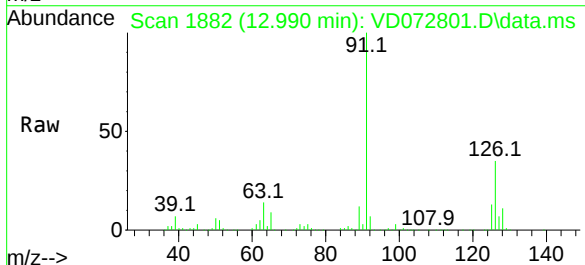
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

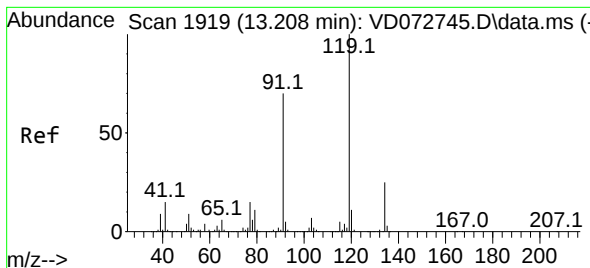
Tgt Ion: 75 Resp: 62222
Ion Ratio Lower Upper
75 100
53 98.1 86.5 129.7
89 46.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.050 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion: 91 Resp: 797773
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5





#83

tert-Butylbenzene

Concen: 52.951 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

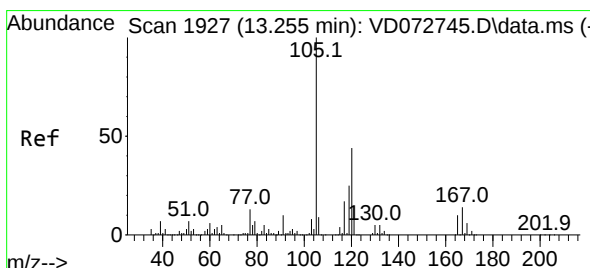
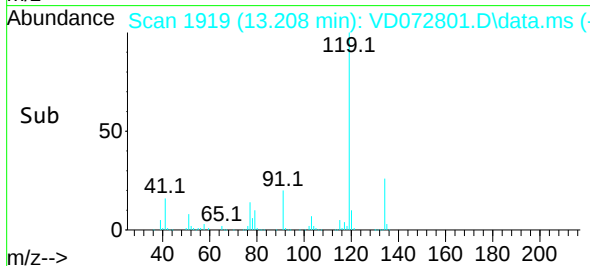
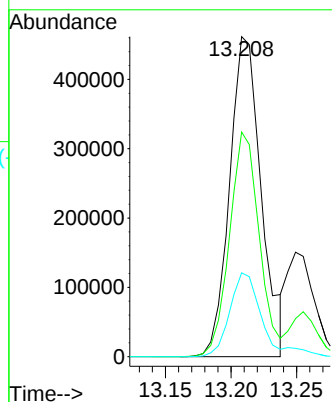
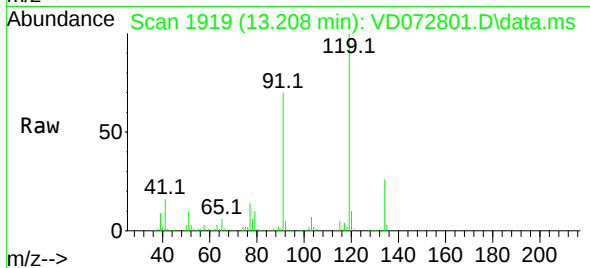
Tgt Ion:119 Resp: 775456

Ion Ratio Lower Upper

119 100

91 65.9 34.8 104.5

134 26.8 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.497 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD072801.D

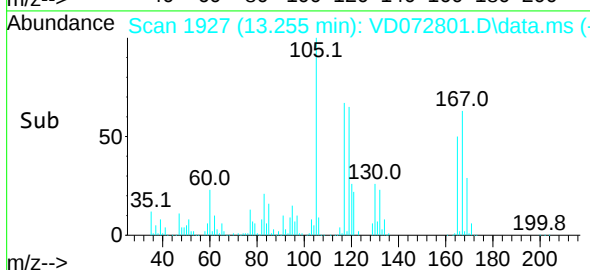
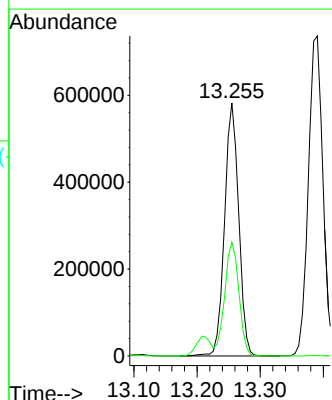
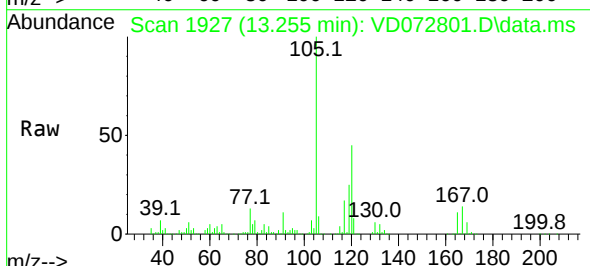
Acq: 05 May 2022 10:31

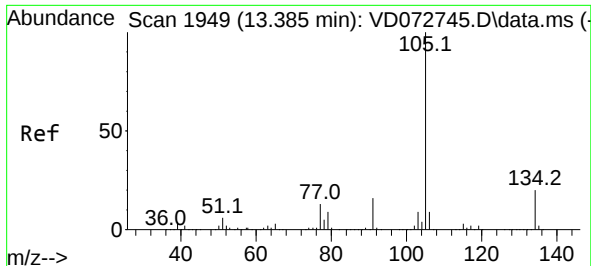
Tgt Ion:105 Resp: 903904

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.8

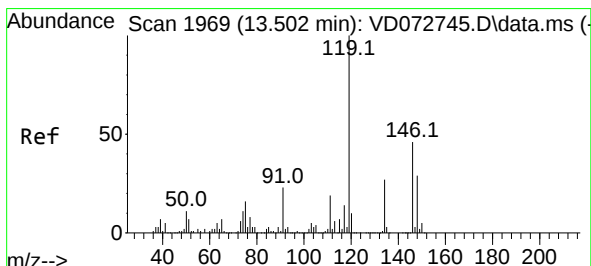
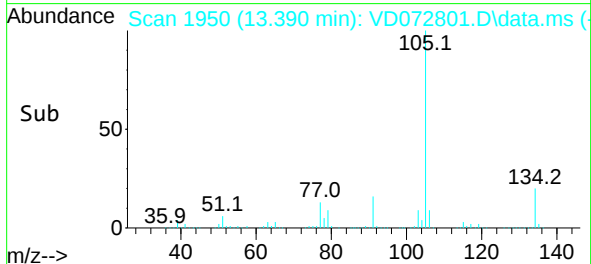
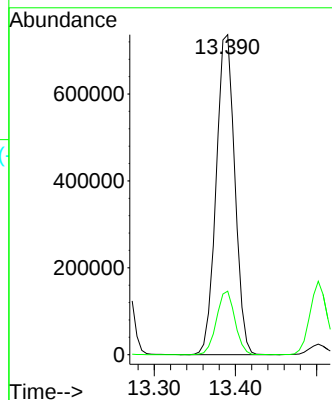
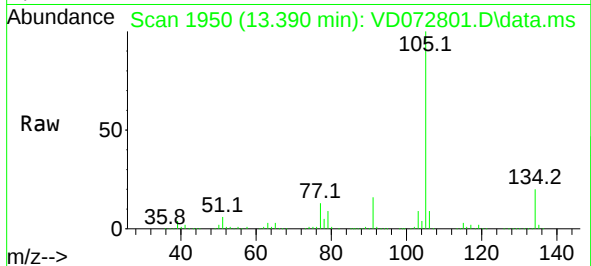




#85
 sec-Butylbenzene
 Concen: 53.262 ug/l
 RT: 13.390 min Scan# 1949
 Delta R.T. 0.005 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

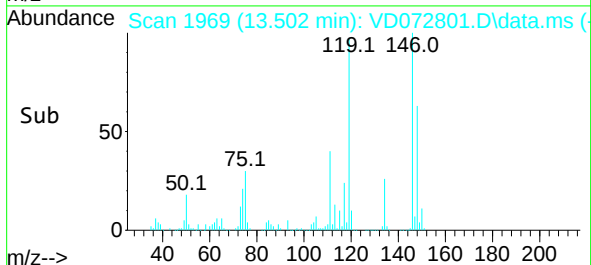
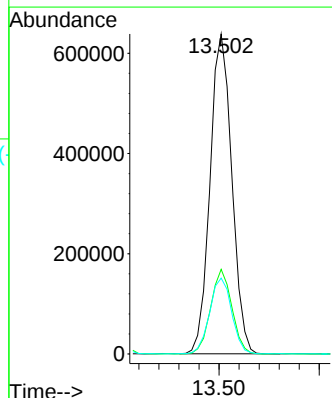
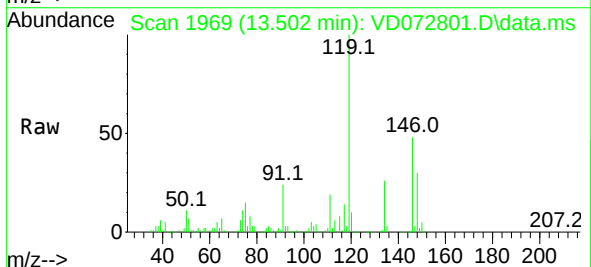
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

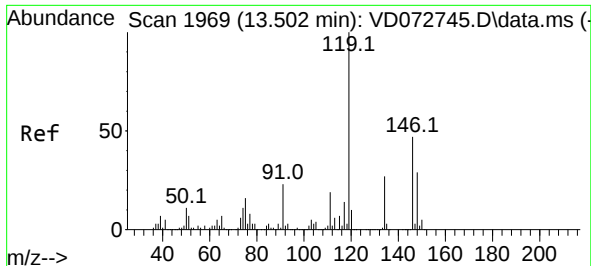
Tgt Ion:105 Resp: 1176447
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 53.235 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

Tgt Ion:119 Resp: 964070
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.9 12.1 36.3

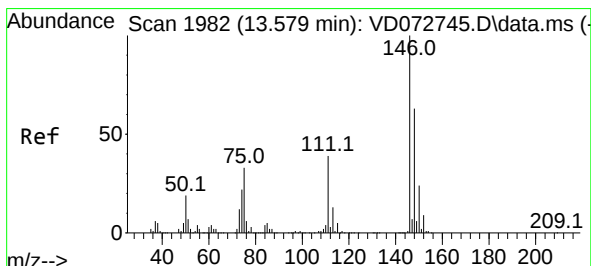
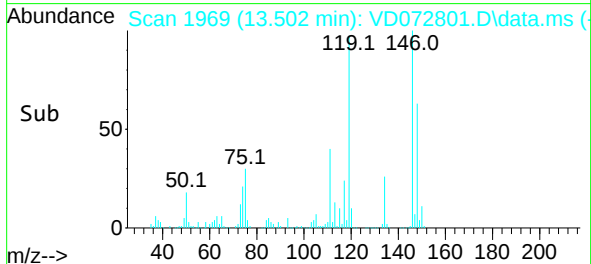
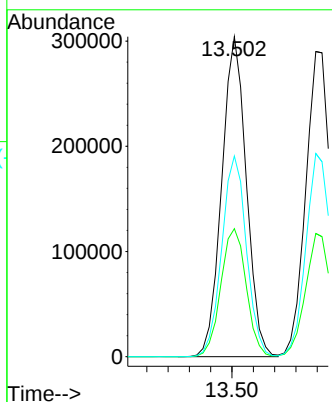
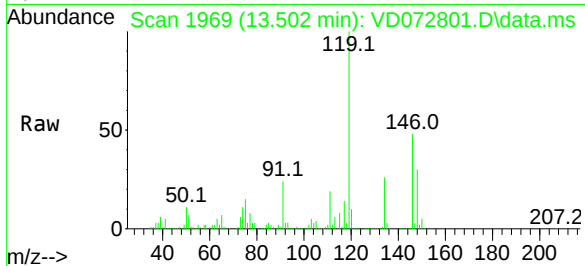




#87
 1,3-Dichlorobenzene
 Concen: 50.187 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

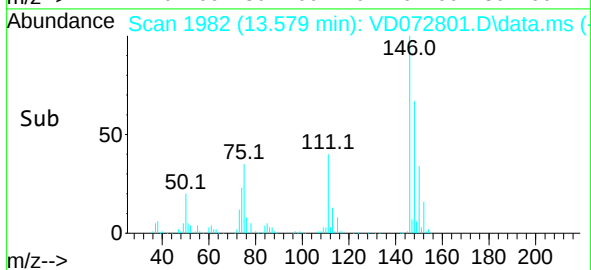
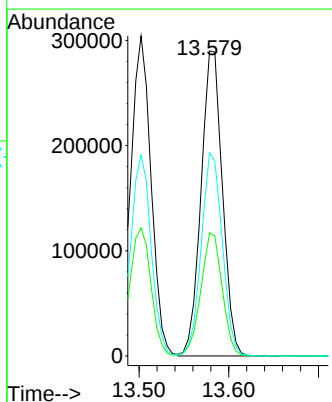
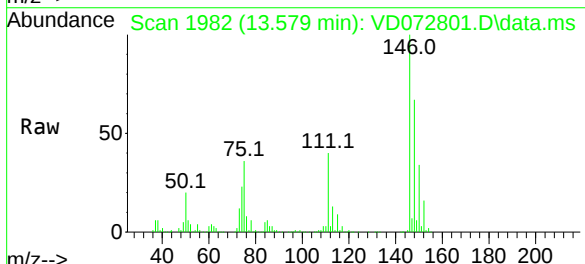
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

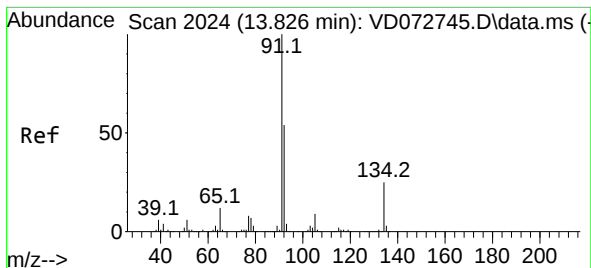
Tgt Ion:146 Resp: 487719
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.4 61.3
 148 62.9 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.587 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD072801.D
 Acq: 05 May 2022 10:31

Tgt Ion:146 Resp: 479884
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 65.7 31.7 95.1





#89

n-Butylbenzene

Concen: 53.471 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

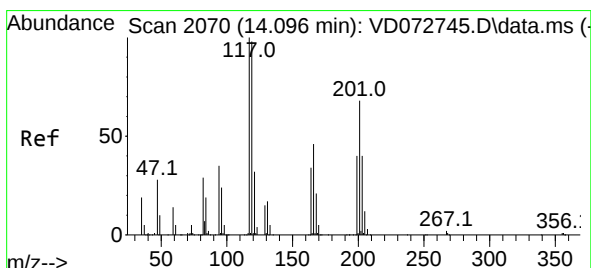
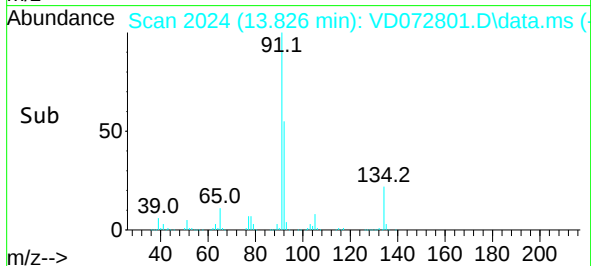
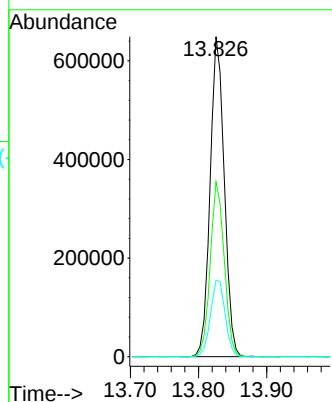
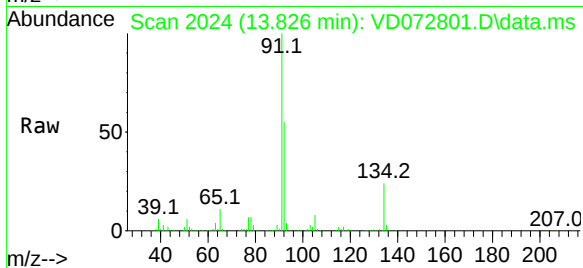
Tgt Ion: 91 Resp: 938045

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.8

134 24.8 12.3 36.9



#90

Hexachloroethane

Concen: 51.782 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD072801.D

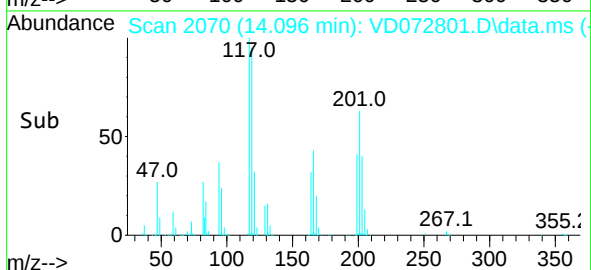
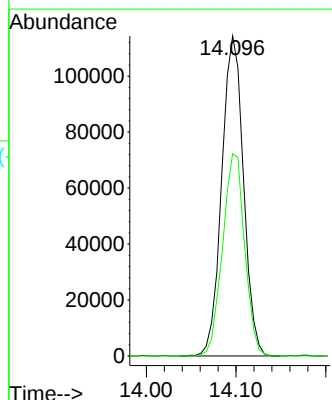
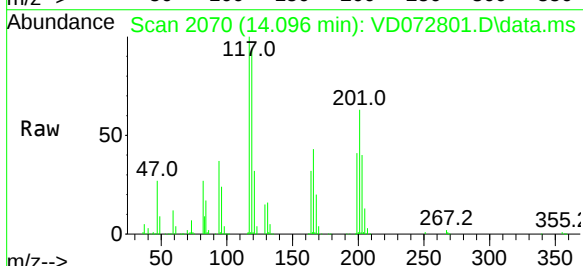
Acq: 05 May 2022 10:31

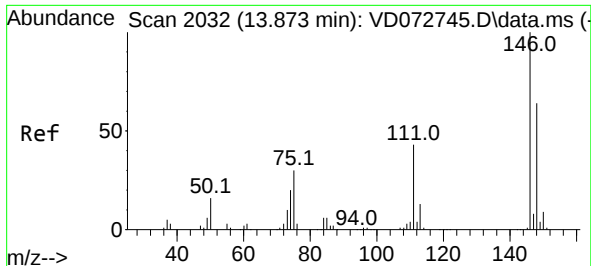
Tgt Ion: 117 Resp: 192110

Ion Ratio Lower Upper

117 100

201 64.1 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 50.128 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

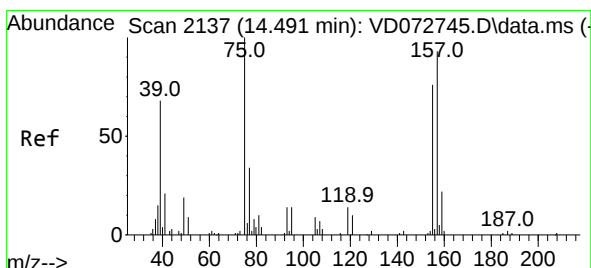
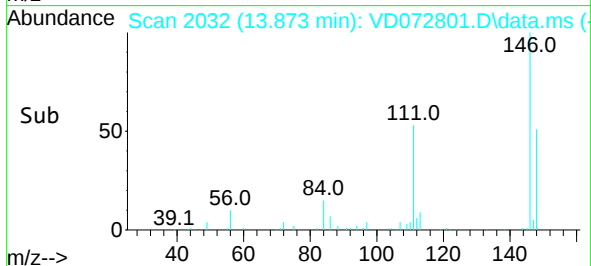
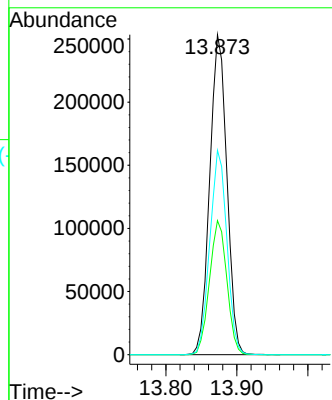
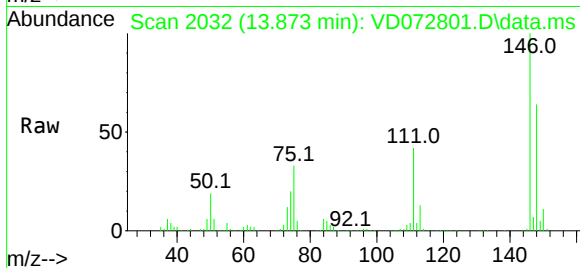
Tgt Ion:146 Resp: 424555

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.3

148 63.6 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.894 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.001 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

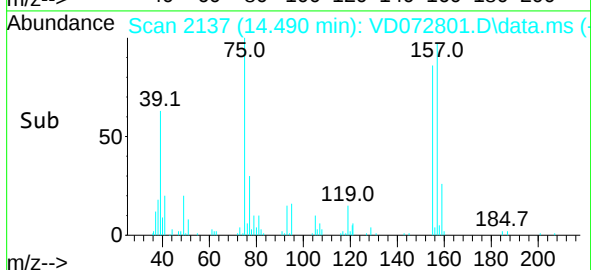
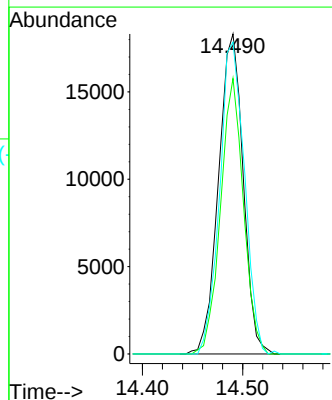
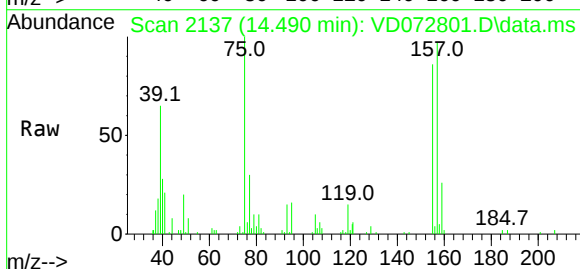
Tgt Ion: 75 Resp: 31134

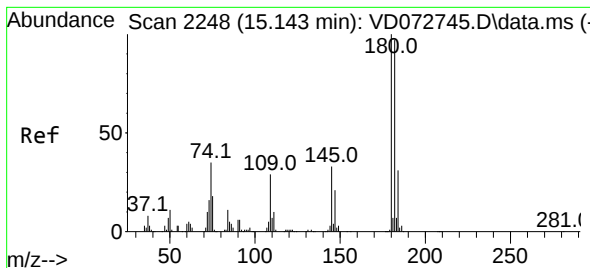
Ion Ratio Lower Upper

75 100

155 80.2 36.8 110.3

157 98.2 48.4 145.0

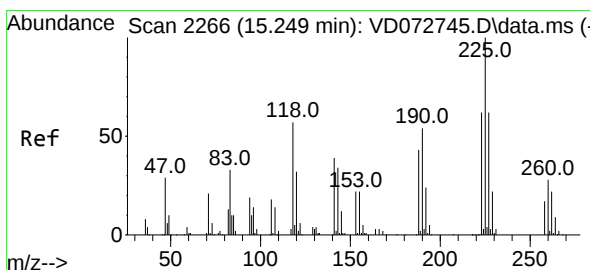
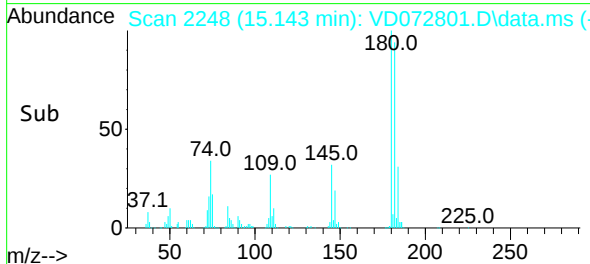
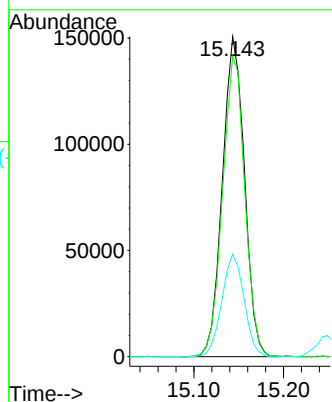
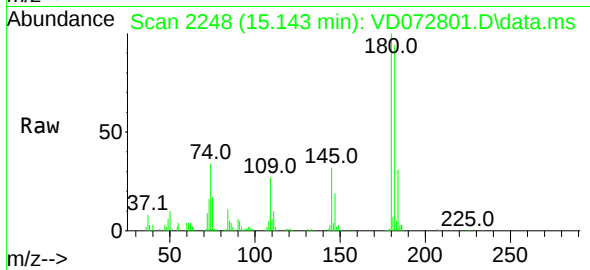




#93
1,2,4-Trichlorobenzene
Concen: 51.323 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

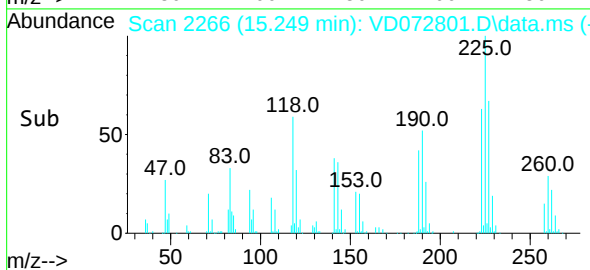
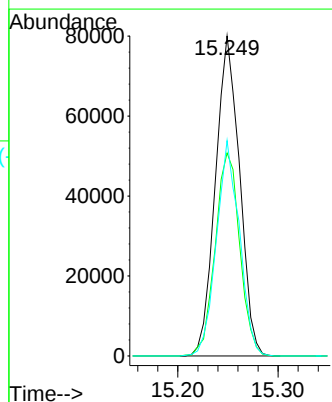
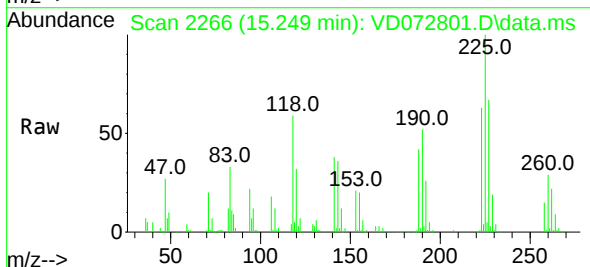
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

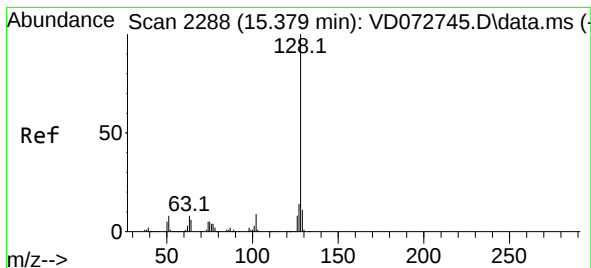
Tgt Ion:180 Resp: 257428
Ion Ratio Lower Upper
180 100
182 94.4 47.3 142.0
145 32.2 16.2 48.5



#94
Hexachlorobutadiene
Concen: 48.763 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072801.D
Acq: 05 May 2022 10:31

Tgt Ion:225 Resp: 133578
Ion Ratio Lower Upper
225 100
223 64.5 31.1 93.2
227 64.3 32.4 97.0





#95

Naphthalene

Concen: 52.514 ug/l

RT: 15.384 min Scan# 21

Delta R.T. 0.005 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

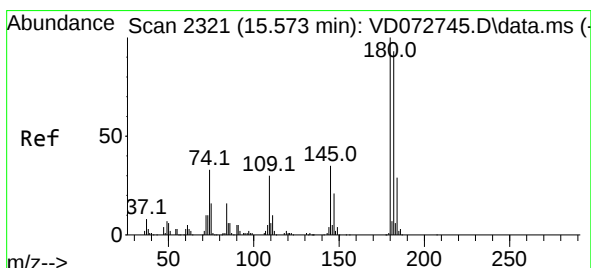
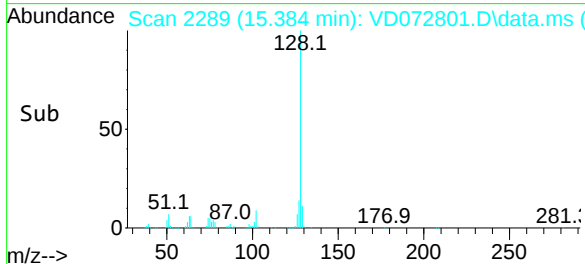
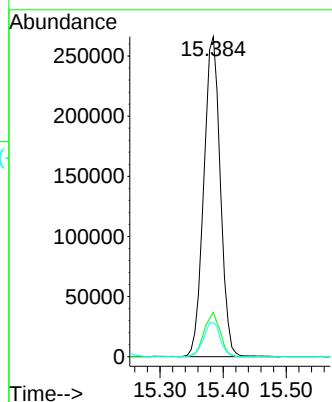
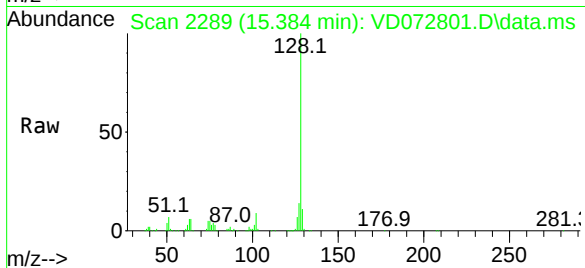
Tgt Ion:128 Resp: 484282

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.472 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD072801.D

Acq: 05 May 2022 10:31

Tgt Ion:180 Resp: 228860

Ion Ratio Lower Upper

180 100

182 93.5 47.6 142.9

145 34.0 17.1 51.3

