

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072148.D
 Acq On : 11 Mar 2022 13:31
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 14 01:27:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 01:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	456343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	725751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	670532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	326966	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	679409	121.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 243.440%#	
35) Dibromofluoromethane	7.914	113	690016	145.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 290.040%#	
50) Toluene-d8	10.337	98	2573378	145.024	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 290.040%#	
62) 4-Bromofluorobenzene	12.620	95	953440	151.137	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 302.280%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	565818	106.535	ug/l	96
3) Chloromethane	2.208	50	558524	90.920	ug/l	95
4) Vinyl Chloride	2.350	62	530344	83.213	ug/l	97
5) Bromomethane	2.744	94	327085	77.977	ug/l	100
6) Chloroethane	2.908	64	349793	86.580	ug/l	97
7) Trichlorofluoromethane	3.267	101	1141238	118.837	ug/l	97
8) Diethyl Ether	3.708	74	325771	129.879	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	711467	129.303	ug/l	95
10) Methyl Iodide	4.297	142	712905	132.068	ug/l	97
11) Tert butyl alcohol	5.220	59	202854	497.814	ug/l	99
12) 1,1-Dichloroethene	4.067	96	621214	126.183	ug/l	95
13) Acrolein	3.926	56	171817	364.381	ug/l	98
14) Allyl chloride	4.714	41	1095289	118.387	ug/l	94
15) Acrylonitrile	5.420	53	800862	635.249	ug/l	98
16) Acetone	4.155	43	718747	487.702	ug/l	96
17) Carbon Disulfide	4.408	76	1449140	88.313	ug/l	99
18) Methyl Acetate	4.714	43	361337	110.949	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	1660293	140.687	ug/l	100
20) Methylene Chloride	4.961	84	731669	112.780	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	693504	121.345	ug/l	96
22) Diisopropyl ether	6.361	45	2389683	130.855	ug/l	94
23) Vinyl Acetate	6.302	43	6477173	652.037	ug/l	96
24) 1,1-Dichloroethane	6.261	63	1376272	127.930	ug/l	99
25) 2-Butanone	7.208	43	1009639	578.569	ug/l	93
26) 2,2-Dichloropropane	7.208	77	1255408	138.590	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	846198	135.648	ug/l	95
28) Bromochloromethane	7.544	49	565564	138.332	ug/l	85
29) Tetrahydrofuran	7.561	42	629916	606.640	ug/l	93
30) Chloroform	7.708	83	1440265	130.055	ug/l	100
31) Cyclohexane	7.985	56	1155483	107.976	ug/l	94
32) 1,1,1-Trichloroethane	7.902	97	1305684	132.732	ug/l	96
36) 1,1-Dichloropropene	8.108	75	1046773	129.237	ug/l	97
37) Ethyl Acetate	7.291	43	444764	121.495	ug/l #	96
38) Carbon Tetrachloride	8.096	117	1134245	139.188	ug/l	96
39) Methylcyclohexane	9.349	83	1266717	135.127	ug/l	97
40) Benzene	8.349	78	2931211	133.724	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	261413	127.035	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	861523	126.505	ug/l	97
43) Isopropyl Acetate	8.449	43	892303	134.934	ug/l #	95
44) Trichloroethene	9.108	130	816833	141.652	ug/l	97
45) 1,2-Dichloropropane	9.385	63	772110	136.485	ug/l	99
46) Dibromomethane	9.473	93	391295	133.783	ug/l	94
47) Bromodichloromethane	9.661	83	1092874	138.960	ug/l	99
48) Methyl methacrylate	9.449	41	445867	127.555	ug/l	91
49) 1,4-Dioxane	9.461	88	94460	2840.561	ug/l	99
51) 4-Methyl-2-Pentanone	10.226	43	2264908	655.738	ug/l	94
52) Toluene	10.396	92	1944585	141.035	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	1058468	147.320	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	1226925	144.839	ug/l	92
55) 1,1,2-Trichloroethane	10.796	97	566258	143.114	ug/l	99
56) Ethyl methacrylate	10.655	69	749314	155.019	ug/l	87
57) 1,3-Dichloropropane	10.937	76	977939	139.902	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	1616037	720.516	ug/l	96
59) 2-Hexanone	10.979	43	1603825	648.246	ug/l	95
60) Dibromochloromethane	11.132	129	735733	149.598	ug/l	99
61) 1,2-Dibromoethane	11.237	107	529220	139.977	ug/l	98
64) Tetrachloroethene	10.873	164	657257	137.157	ug/l	96
65) Chlorobenzene	11.661	112	2063888	143.625	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.737	131	791172	149.740	ug/l	99
67) Ethyl Benzene	11.737	91	3814845	145.092	ug/l	97
68) m/p-Xylenes	11.843	106	2910002	290.976	ug/l	98
69) o-Xylene	12.173	106	1398675	152.640	ug/l	96
70) Styrene	12.184	104	2390351	151.934	ug/l	98
71) Bromoform	12.355	173	426478	152.409	ug/l #	98
73) Isopropylbenzene	12.473	105	3799001	148.618	ug/l	98
74) N-amyl acetate	12.279	43	847014	140.544	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	624467	134.645	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	831875	240.468	ug/l #	100
77) Bromobenzene	12.749	156	835891	147.547	ug/l	92
78) n-propylbenzene	12.814	91	4555747	143.281	ug/l	98
79) 2-Chlorotoluene	12.896	91	2616881	145.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	3138855	148.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	211853	151.968	ug/l	89
82) 4-Chlorotoluene	12.996	91	2670666	142.389	ug/l	99
83) tert-Butylbenzene	13.214	119	2773931	156.134	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	3060826	147.193	ug/l	99
85) sec-Butylbenzene	13.390	105	4106607	148.350	ug/l	99
86) p-Isopropyltoluene	13.502	119	3417523	151.947	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	1667465	144.485	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	1638264	142.143	ug/l	99
89) n-Butylbenzene	13.831	91	3239445	146.857	ug/l	98
90) Hexachloroethane	14.102	117	660888	148.172	ug/l	94
91) 1,2-Dichlorobenzene	13.878	146	1445968	146.458	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	102114	133.652	ug/l	85
93) 1,2,4-Trichlorobenzene	15.143	180	974366	164.594	ug/l	99
94) Hexachlorobutadiene	15.249	225	539390	163.305	ug/l	99
95) Naphthalene	15.384	128	1793755	171.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	848296	167.857	ug/l	98

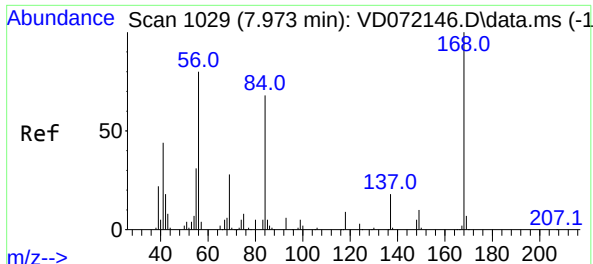
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Quant Title : SW846 8260
QLast Update : Mon Mar 14 01:23:26 2022
Response via : Initial Calibration

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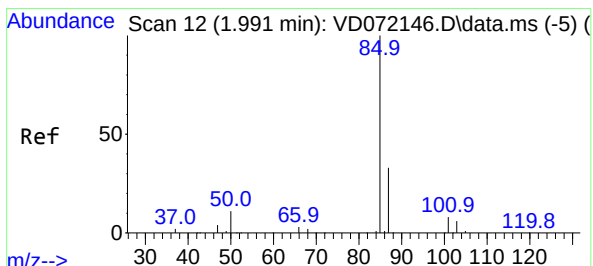
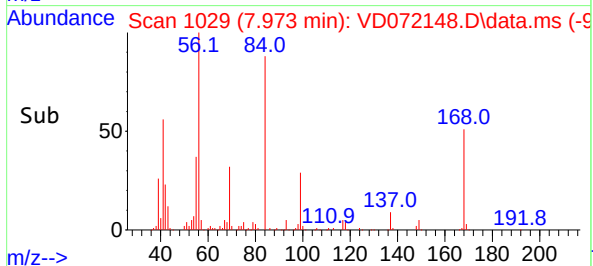
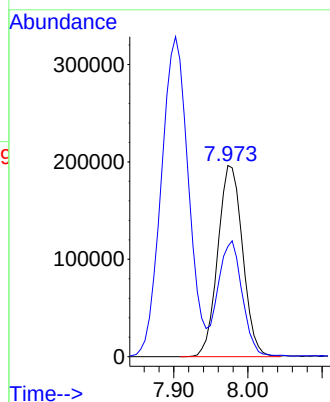
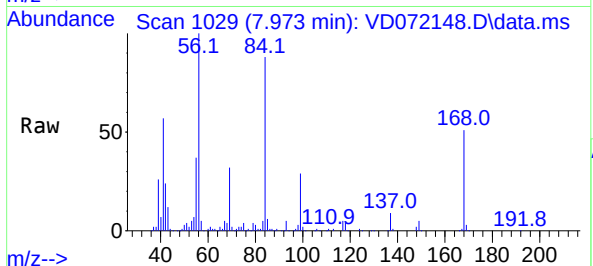
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

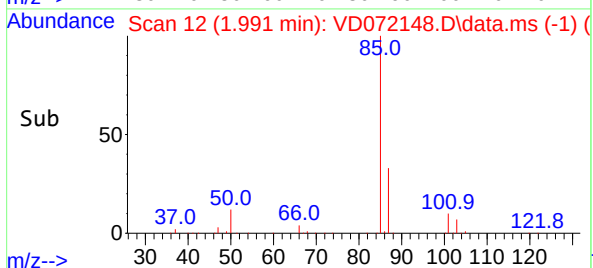
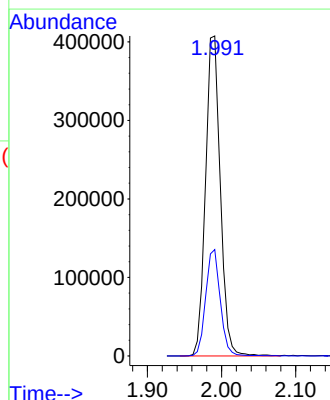
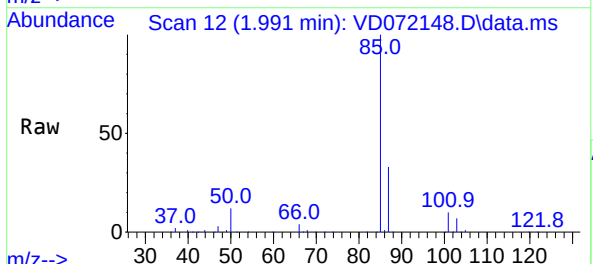
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150

Tgt Ion:168 Resp: 456343
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6

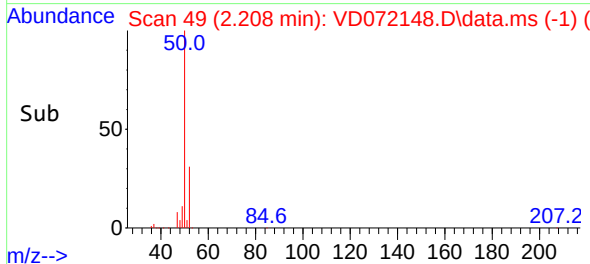
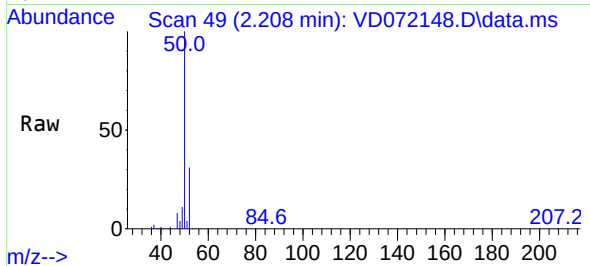
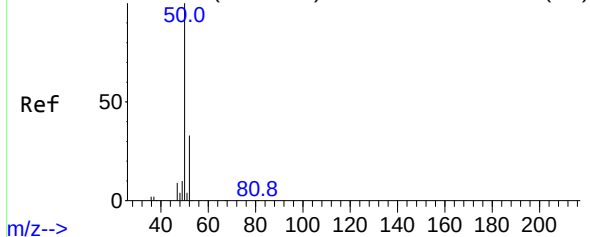


#2
Dichlorodifluoromethane
Concen: 106.535 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 85 Resp: 565818
Ion Ratio Lower Upper
85 100
87 33.3 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 90.920 ug/l

RT: 2.208 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

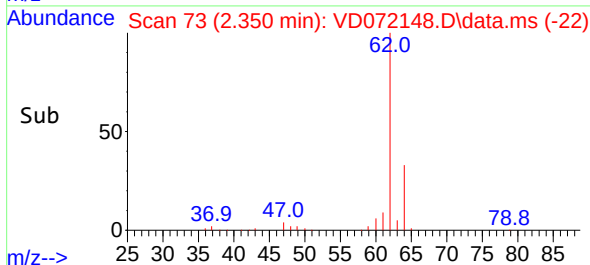
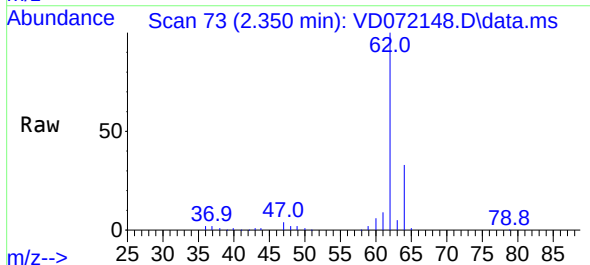
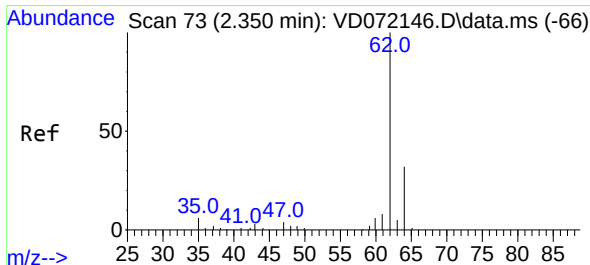
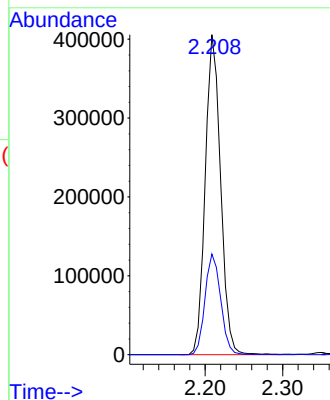
VSTDICC150

Tgt Ion: 50 Resp: 558524

Ion Ratio Lower Upper

50 100

52 31.4 27.4 41.0



#4

Vinyl Chloride

Concen: 83.213 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD072148.D

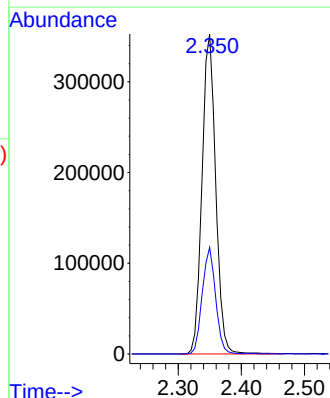
Acq: 11 Mar 2022 13:31

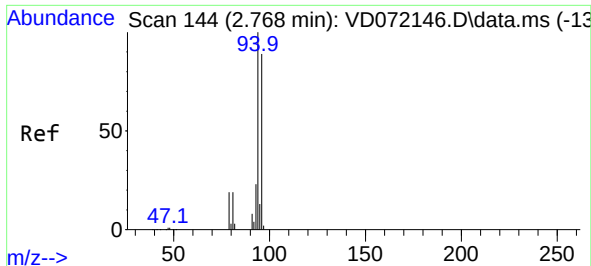
Tgt Ion: 62 Resp: 530344

Ion Ratio Lower Upper

62 100

64 33.3 25.4 38.0

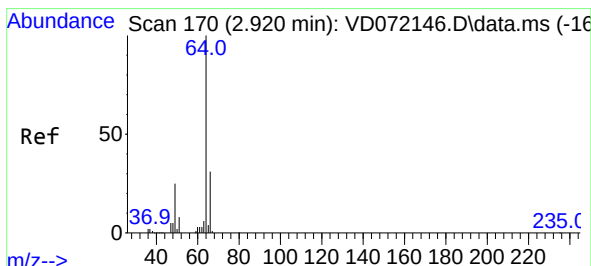
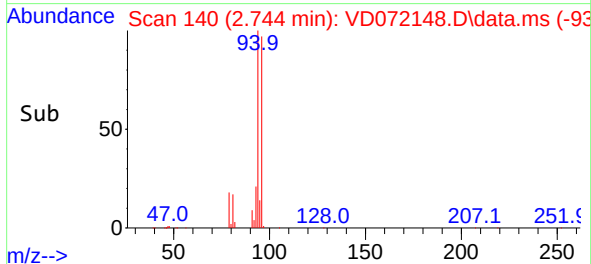
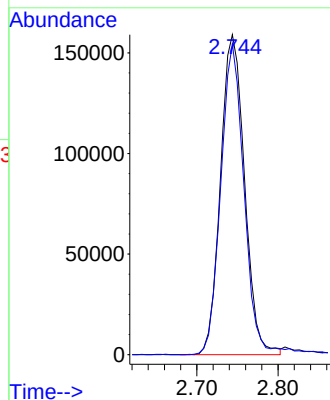
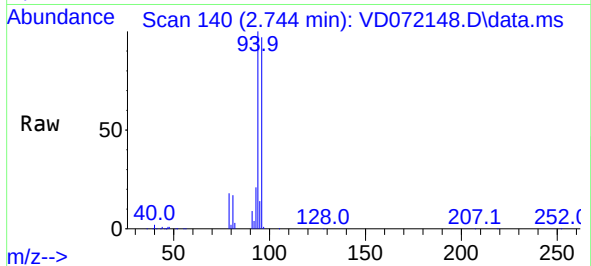




#5
Bromomethane
Concen: 77.977 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.024 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

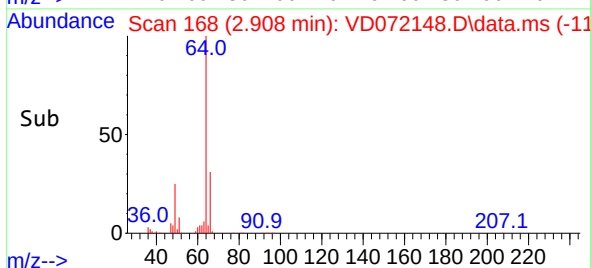
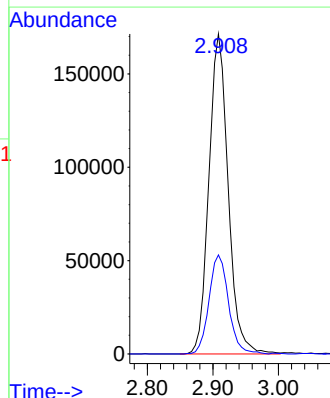
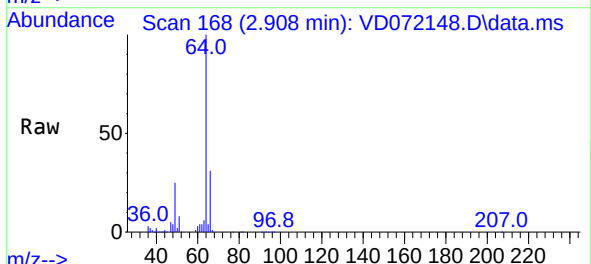
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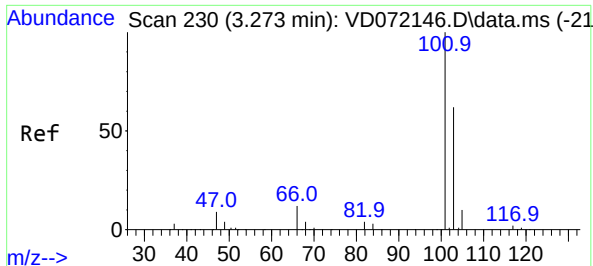
Tgt Ion: 94 Resp: 327085
Ion Ratio Lower Upper
94 100
96 97.1 77.6 116.4



#6
Chloroethane
Concen: 86.580 ug/l
RT: 2.908 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 64 Resp: 349793
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9

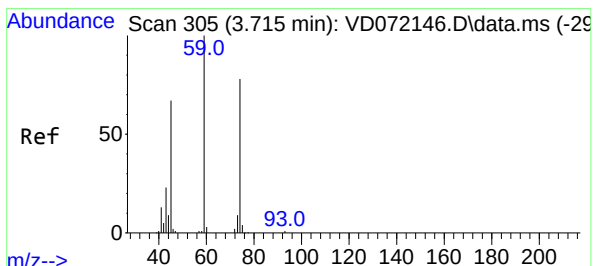
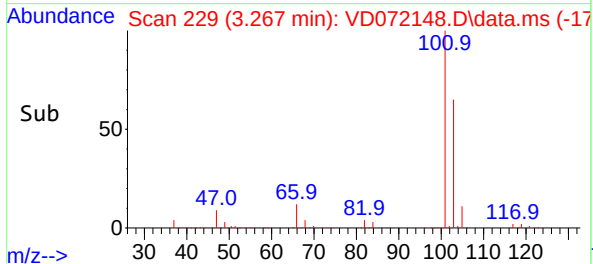
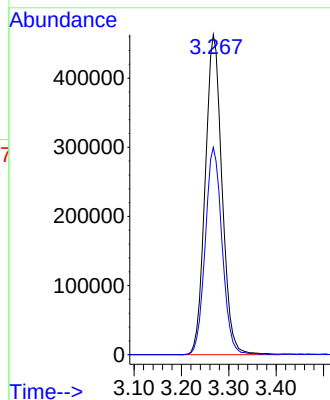
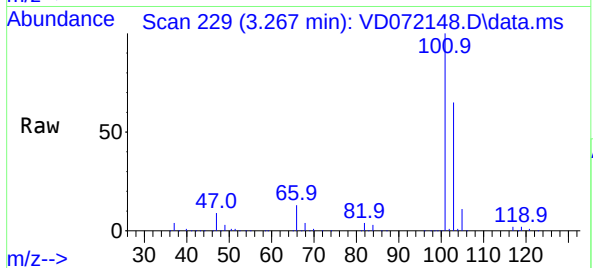




#7
Trichlorofluoromethane
Concen: 118.837 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

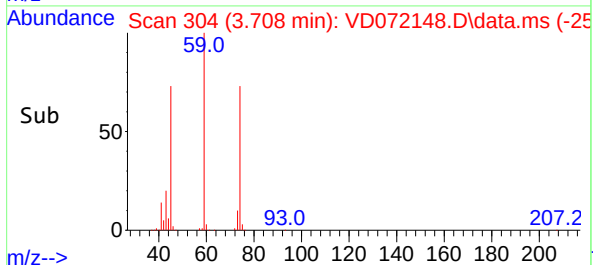
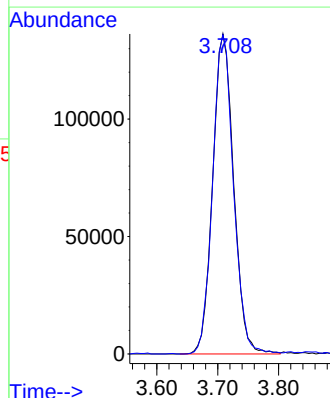
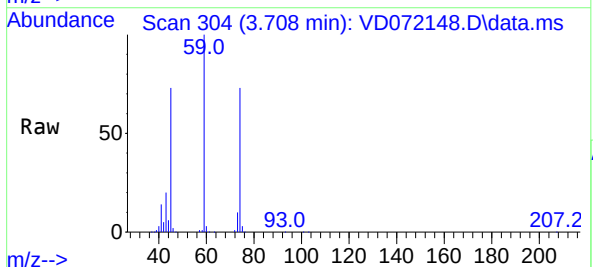
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

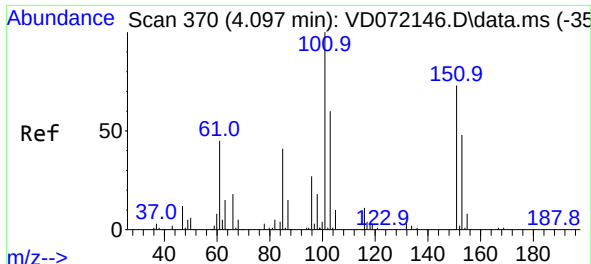
Tgt Ion:101 Resp: 1141238
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1



#8
Diethyl Ether
Concen: 129.879 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 74 Resp: 325771
Ion Ratio Lower Upper
74 100
45 99.3 52.6 157.8

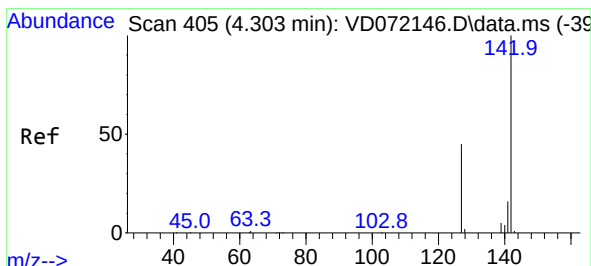
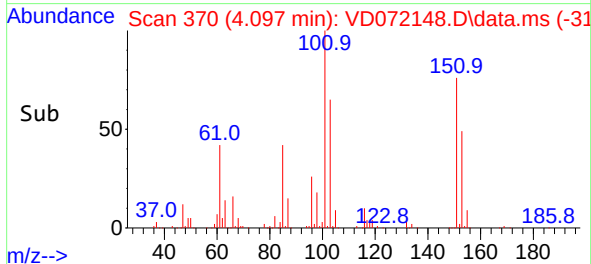
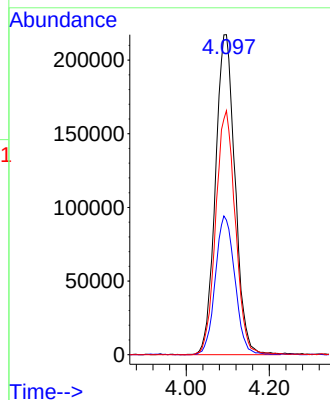
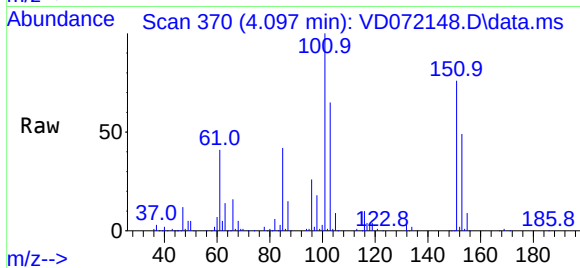




#9
1,1,2-Trichlorotrifluoroethane
Concen: 129.303 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072148.D
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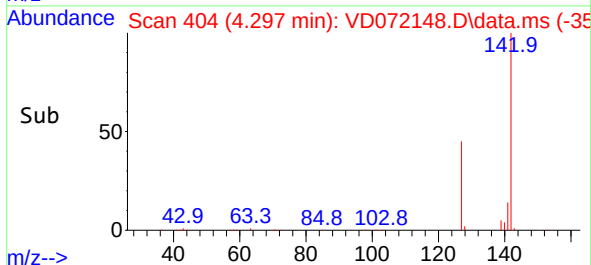
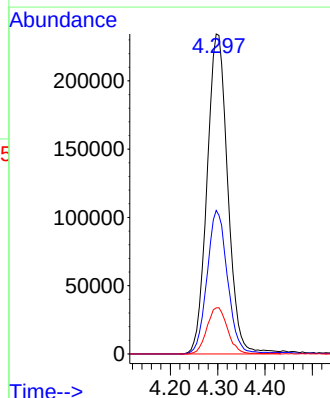
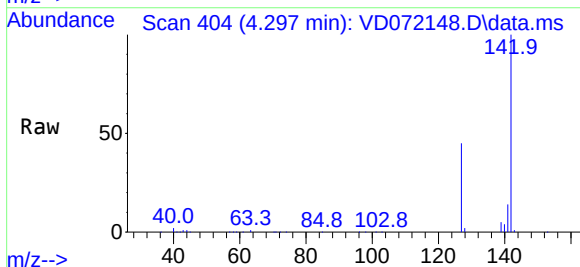
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

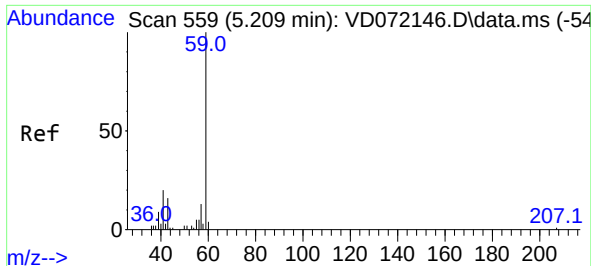
Tgt Ion:101 Resp: 711467
Ion Ratio Lower Upper
101 100
85 43.2 36.4 54.6
151 76.2 57.3 85.9



#10
Methyl Iodide
Concen: 132.068 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:142 Resp: 712905
Ion Ratio Lower Upper
142 100
127 44.3 37.3 55.9
141 14.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 497.814 ug/l

RT: 5.220 min Scan# 5

Delta R.T. 0.012 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

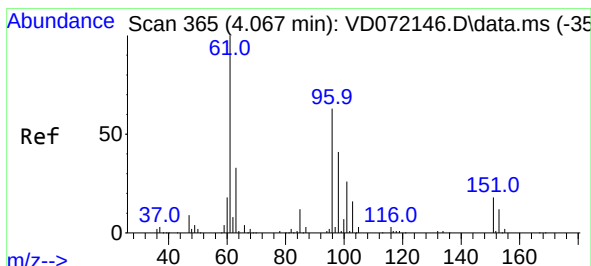
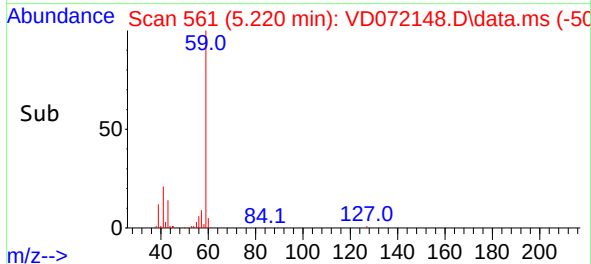
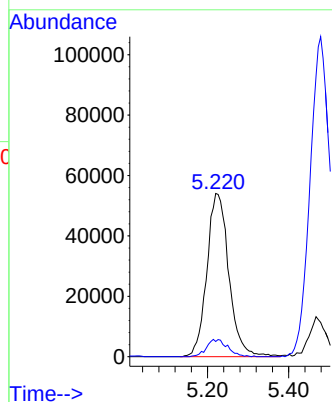
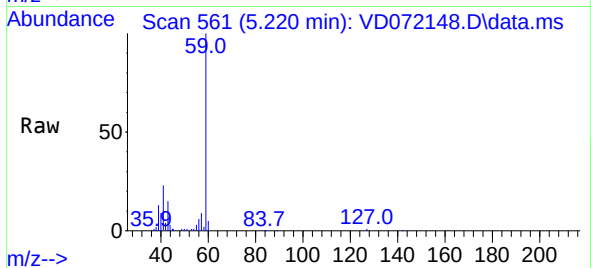
VSTDIC150

Tgt Ion: 59 Resp: 202854

Ion Ratio Lower Upper

59 100

57 10.1 7.8 11.6



#12

1,1-Dichloroethene

Concen: 126.183 ug/l

RT: 4.067 min Scan# 365

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

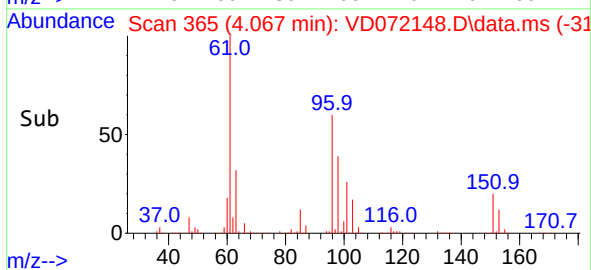
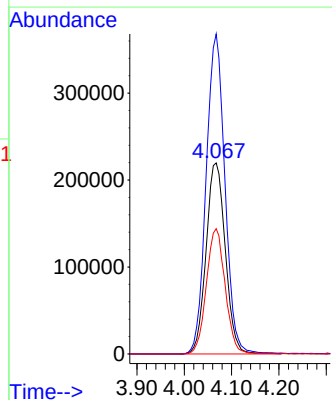
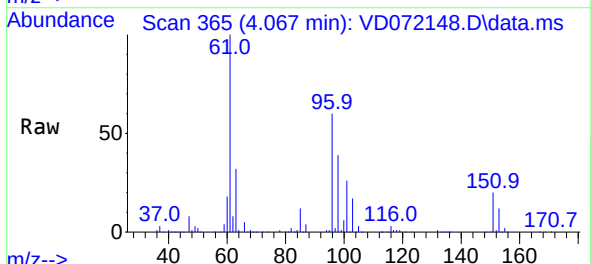
Tgt Ion: 96 Resp: 621214

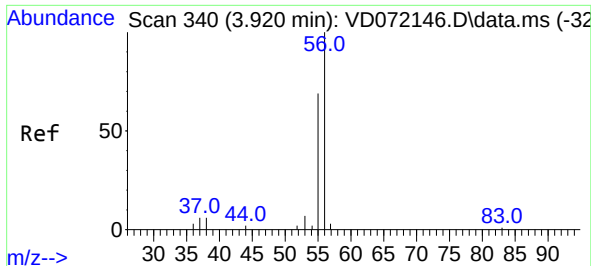
Ion Ratio Lower Upper

96 100

61 167.5 138.5 207.7

98 65.6 48.6 73.0

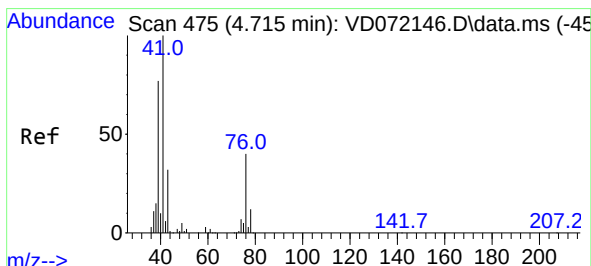
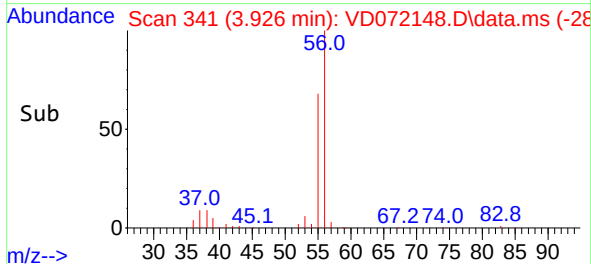
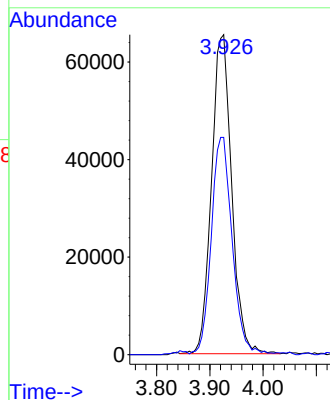
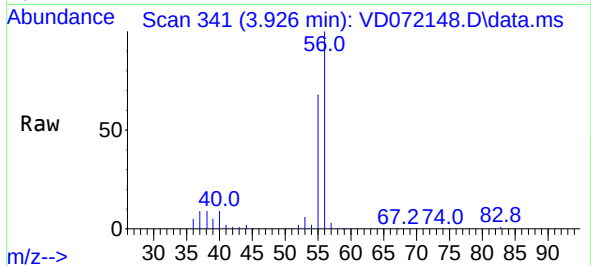




#13
Acrolein
Concen: 364.381 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

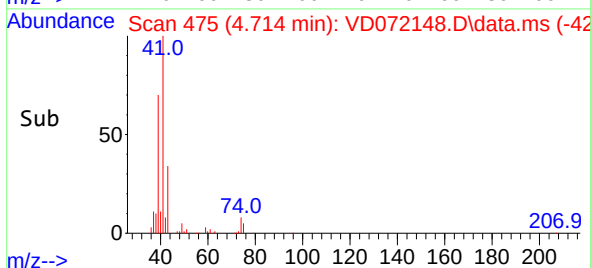
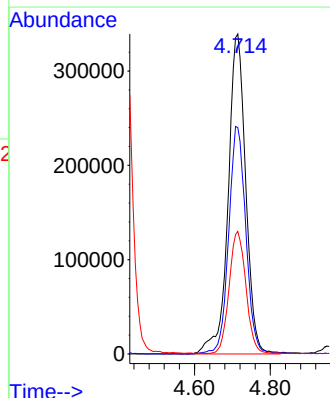
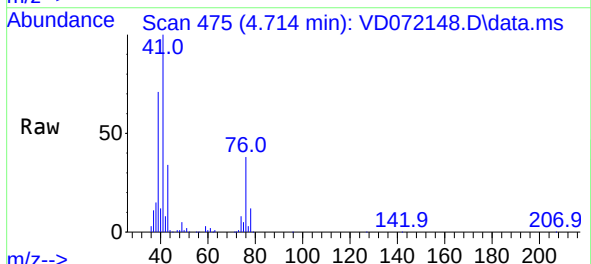
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

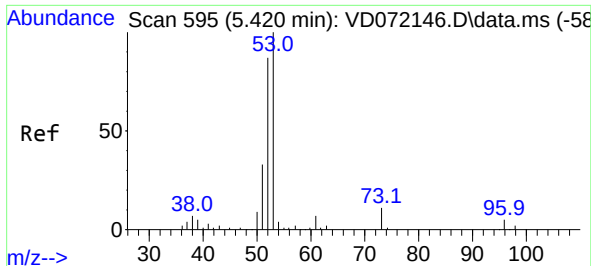
Tgt Ion: 56 Resp: 171817
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7



#14
Allyl chloride
Concen: 118.387 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 41 Resp: 1095289
Ion Ratio Lower Upper
41 100
39 69.1 59.3 88.9
76 36.4 25.7 38.5

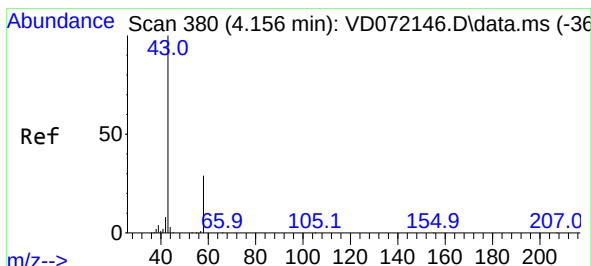
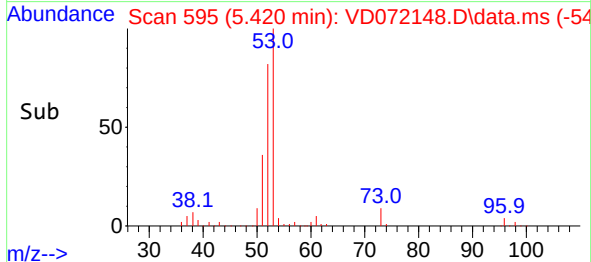
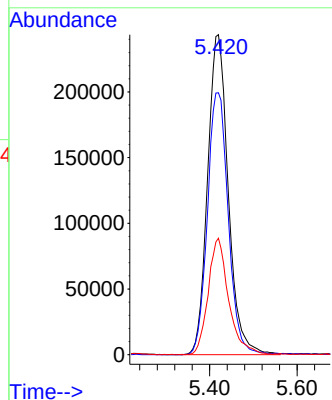
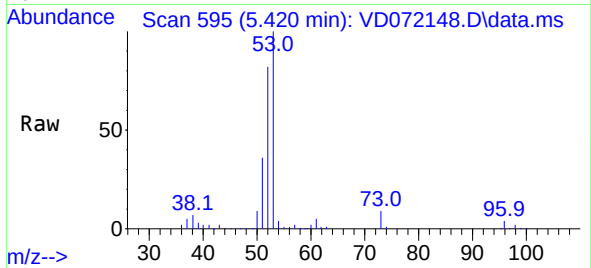




#15
Acrylonitrile
Concen: 635.249 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

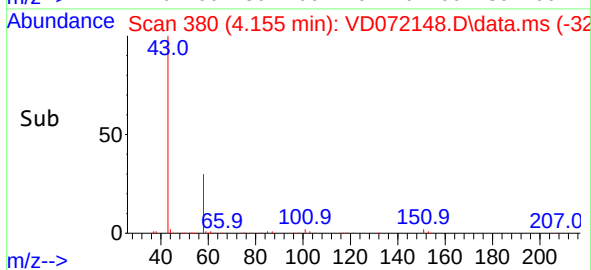
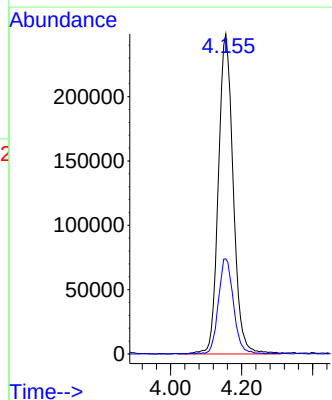
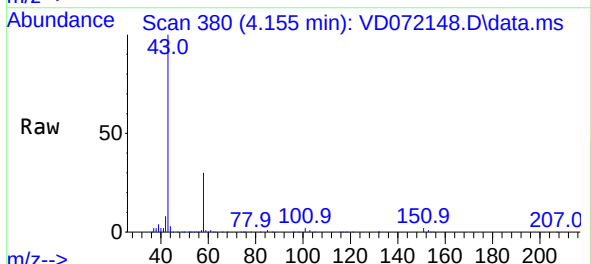
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

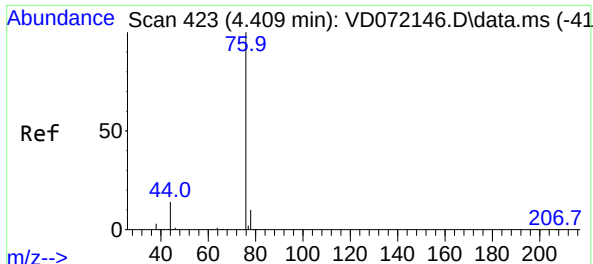
Tgt Ion: 53 Resp: 800862
Ion Ratio Lower Upper
53 100
52 82.6 67.2 100.8
51 36.2 30.3 45.5



#16
Acetone
Concen: 487.702 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 43 Resp: 718747
Ion Ratio Lower Upper
43 100
58 29.6 22.1 33.1

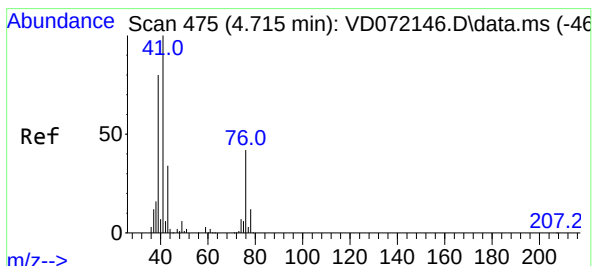
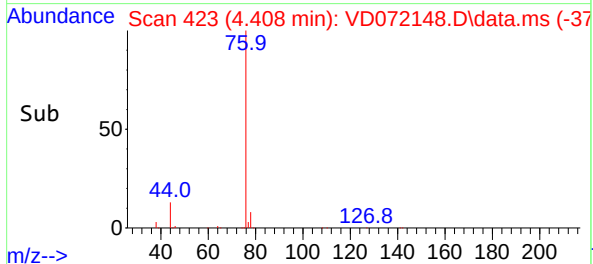
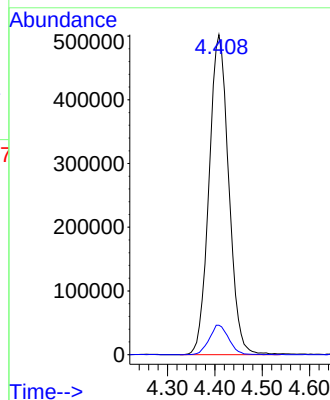
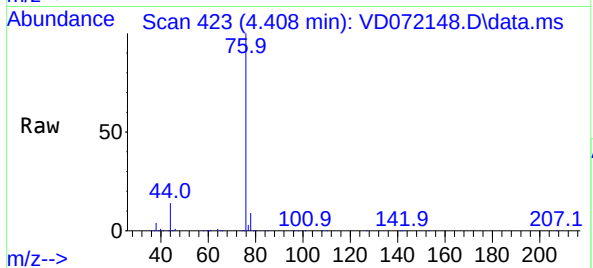




#17
Carbon Disulfide
Concen: 88.313 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

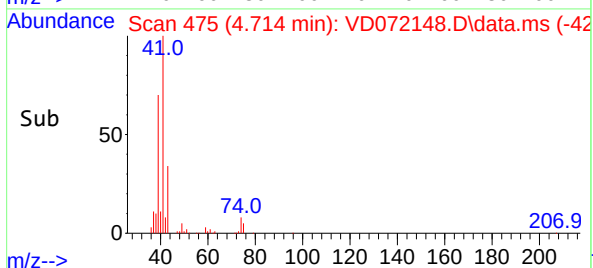
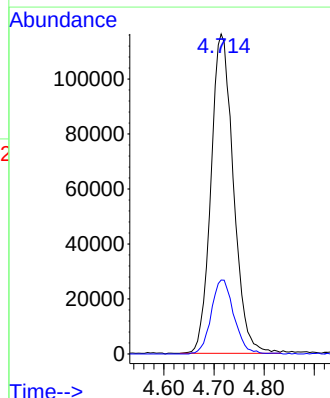
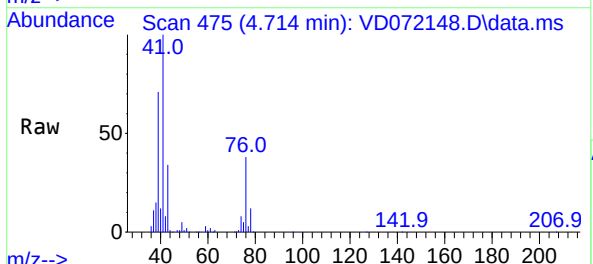
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

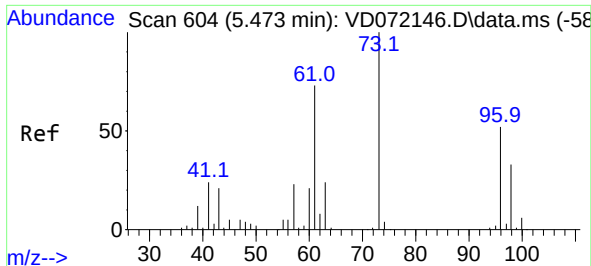
Tgt Ion: 76 Resp: 1449140
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 110.949 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 43 Resp: 361337
Ion Ratio Lower Upper
43 100
74 23.3 16.7 25.1

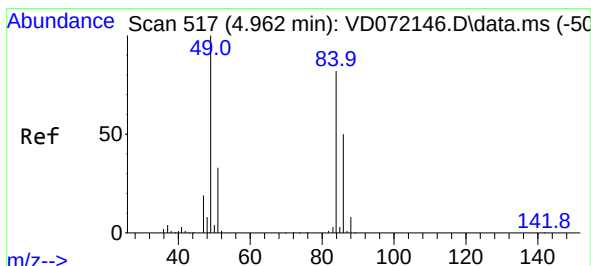
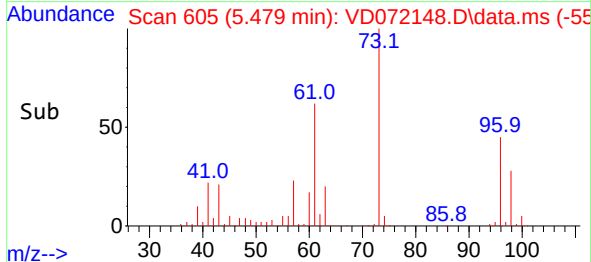
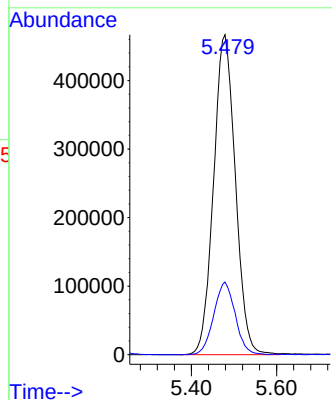
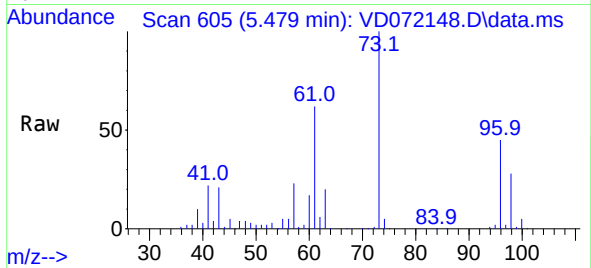




#19
Methyl tert-butyl Ether
Concen: 140.687 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

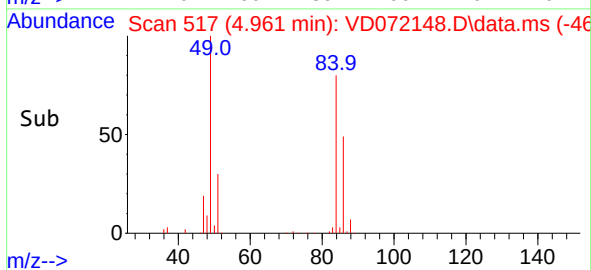
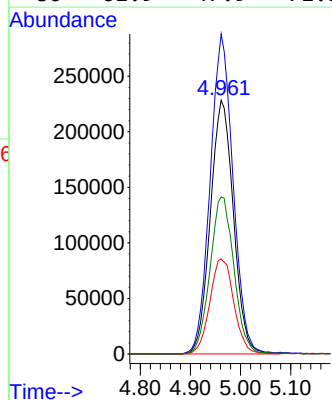
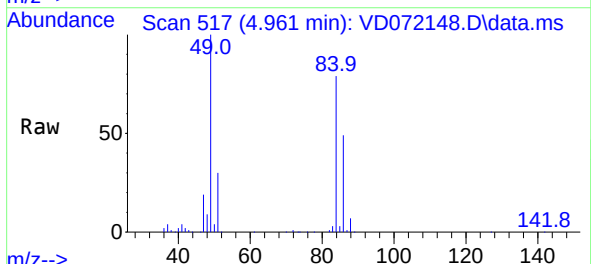
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

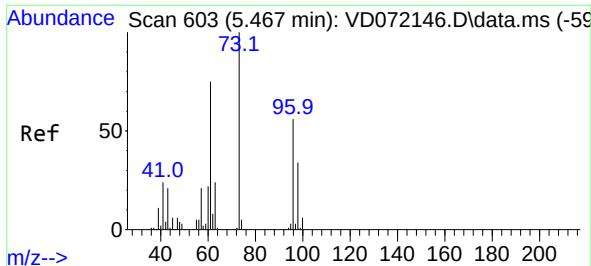
Tgt Ion: 73 Resp: 1660293
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#20
Methylene Chloride
Concen: 112.780 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 84 Resp: 731669
Ion Ratio Lower Upper
84 100
49 125.9 112.8 169.2
51 37.4 32.6 48.8
86 61.9 47.9 71.9

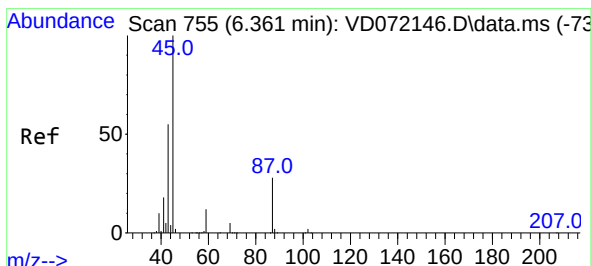
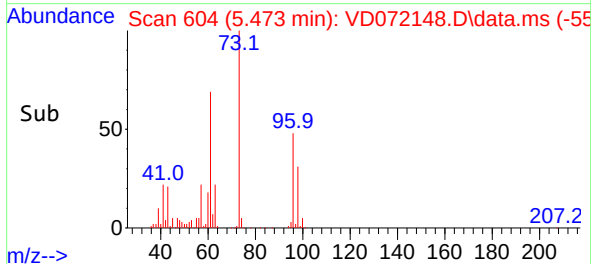
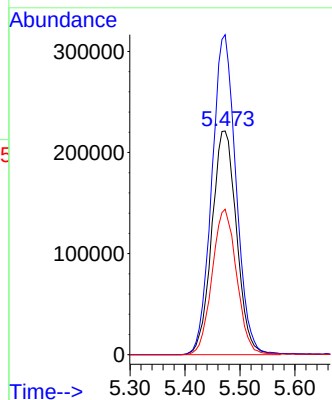
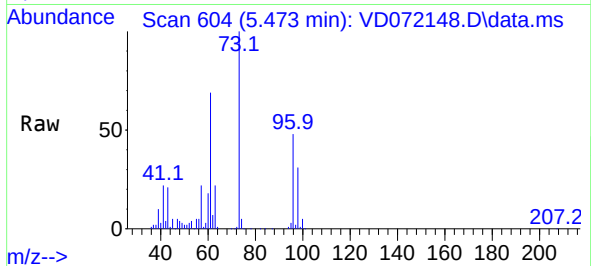




#21
trans-1,2-Dichloroethene
Concen: 121.345 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

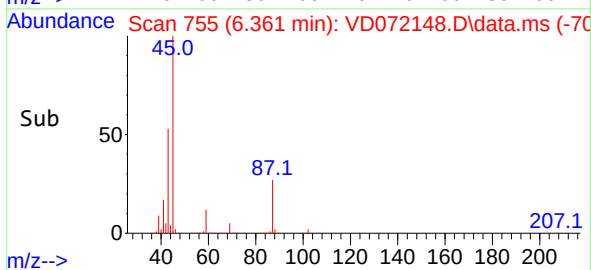
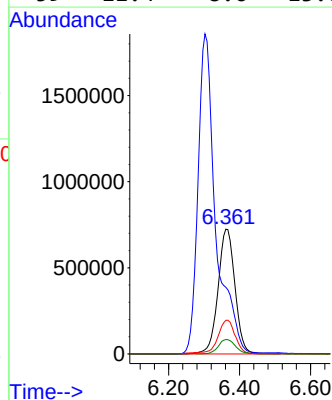
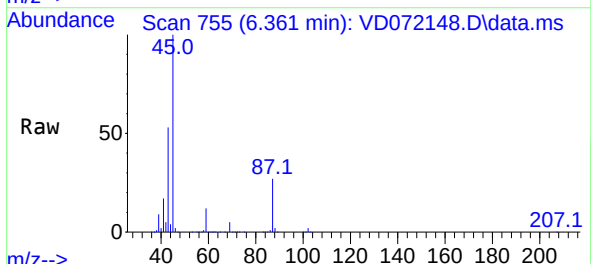
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

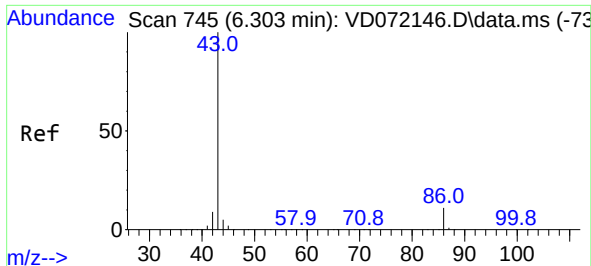
Tgt Ion: 96 Resp: 693504
Ion Ratio Lower Upper
96 100
61 143.0 117.9 176.9
98 65.0 49.4 74.2



#22
Diisopropyl ether
Concen: 130.855 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 45 Resp: 2389683
Ion Ratio Lower Upper
45 100
43 53.3 46.6 70.0
87 26.8 18.4 27.6
59 11.4 8.6 13.0

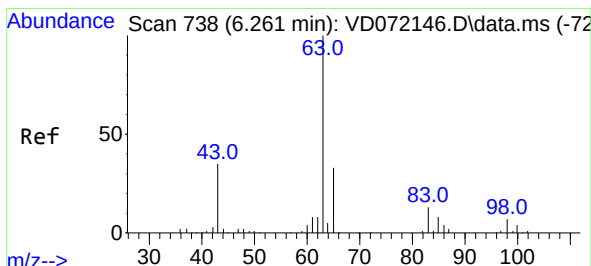
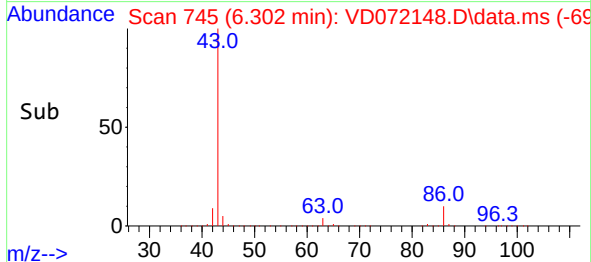
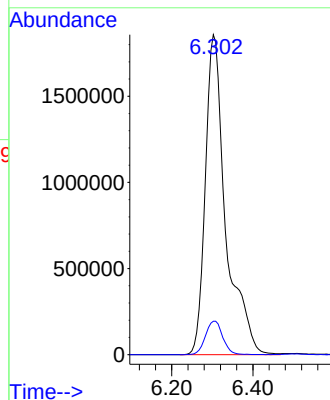
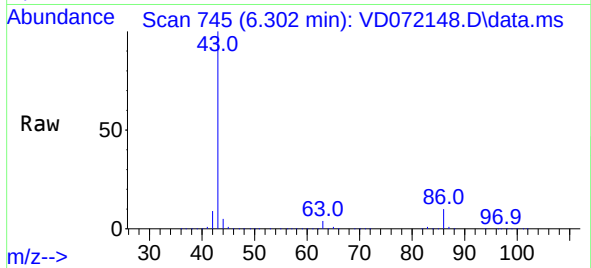




#23
 Vinyl Acetate
 Concen: 652.037 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072148.D
 Acq: 11 Mar 2022 13:31

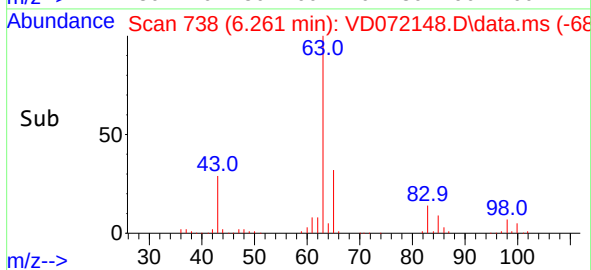
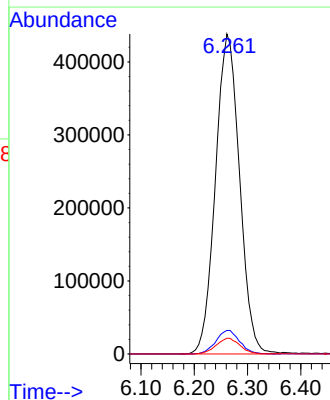
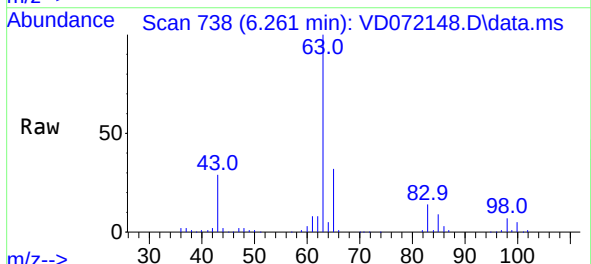
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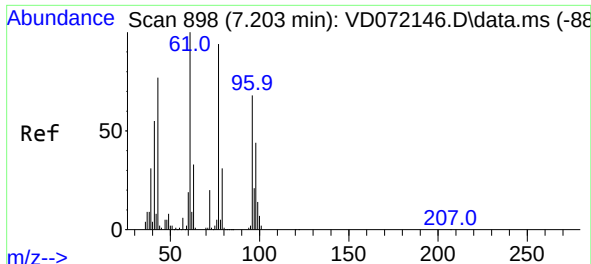
Tgt Ion: 43 Resp: 6477173
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 127.930 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072148.D
 Acq: 11 Mar 2022 13:31

Tgt Ion: 63 Resp: 1376272
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.9 2.1 6.5

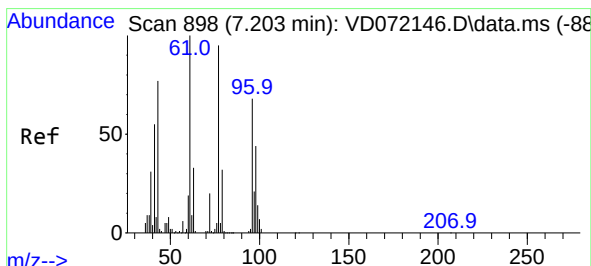
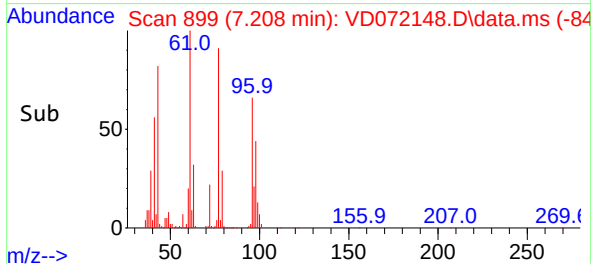
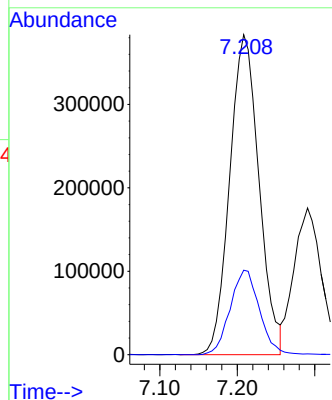
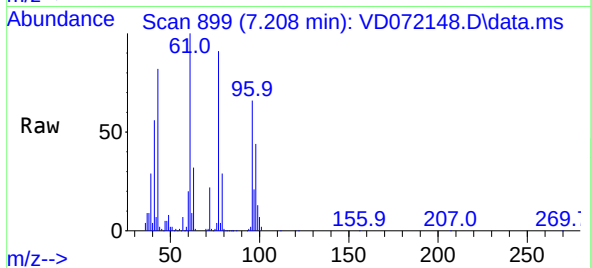




#25
2-Butanone
Concen: 578.569 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

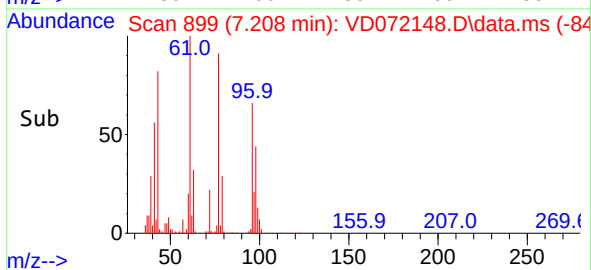
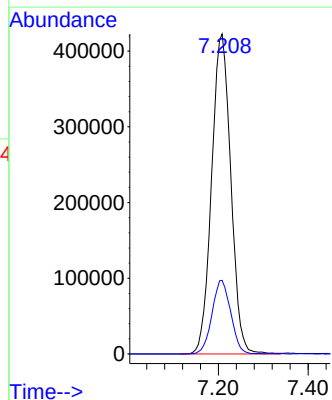
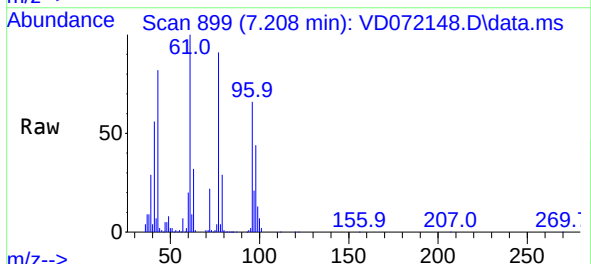
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

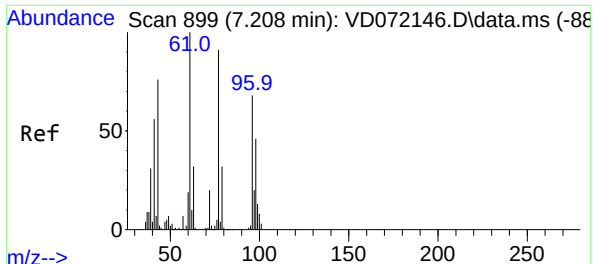
Tgt Ion: 43 Resp: 1009639
Ion Ratio Lower Upper
43 100
72 26.4 18.6 27.8



#26
2,2-Dichloropropane
Concen: 138.590 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 77 Resp: 1255408
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.4



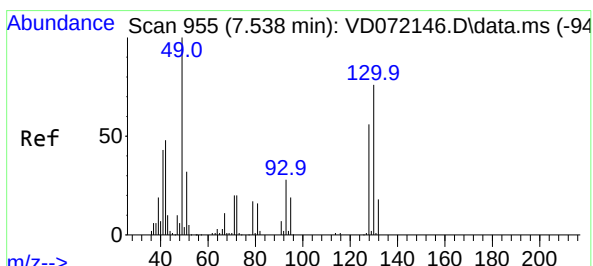
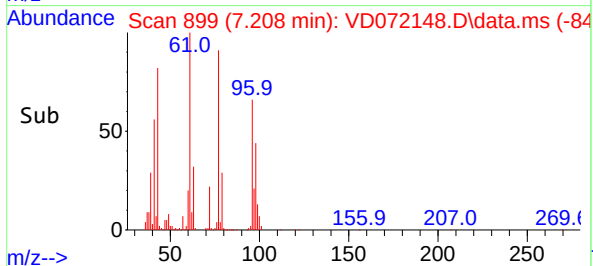
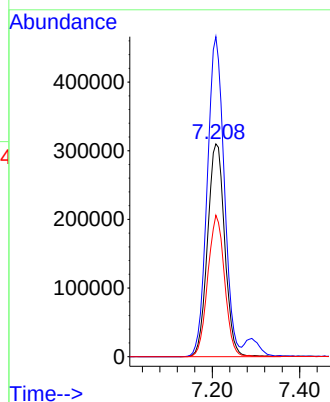
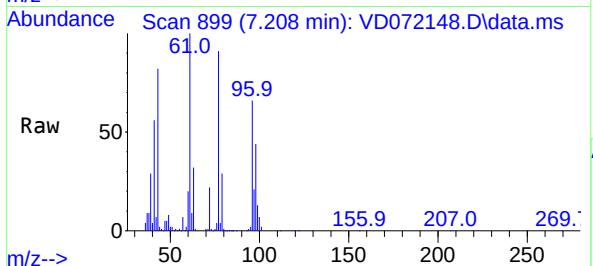


#27
 cis-1,2-Dichloroethene
 Concen: 135.648 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.000 min
 Lab File: VD072148.D
 Acq: 11 Mar 2022 13:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 846198

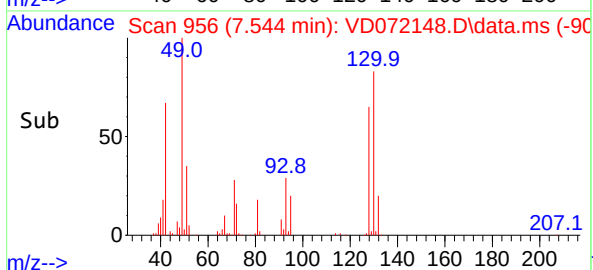
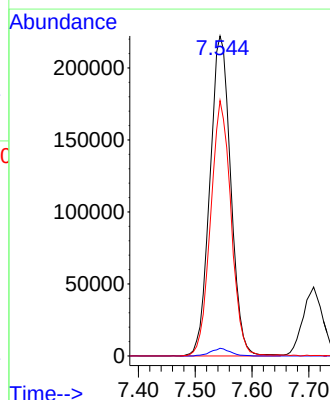
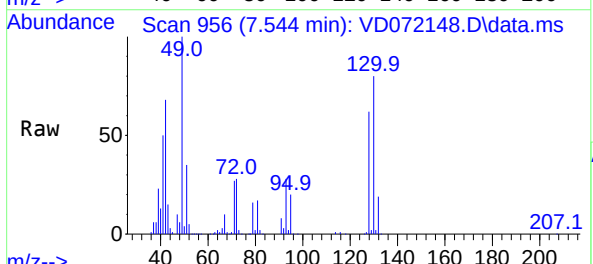
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	313.8
98	65.3	0.0	128.8

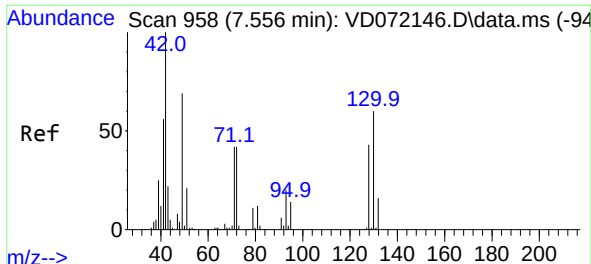


#28
 Bromochloromethane
 Concen: 138.332 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VD072148.D
 Acq: 11 Mar 2022 13:31

Tgt Ion: 49 Resp: 565564

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	78.2	52.6	79.0

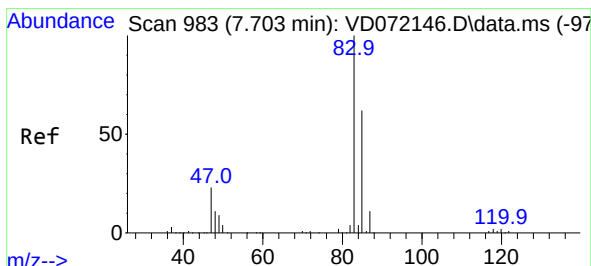
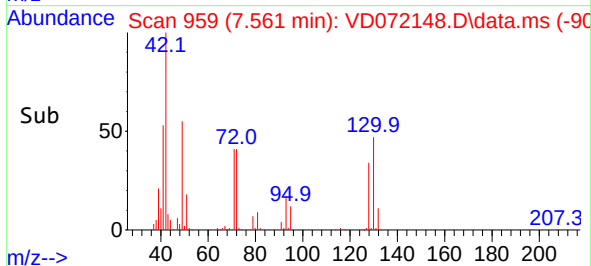
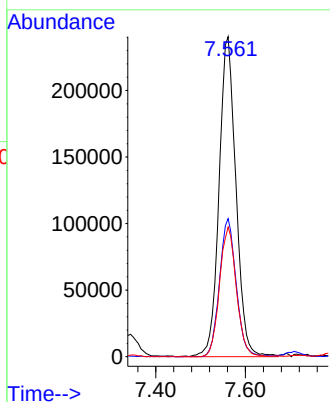
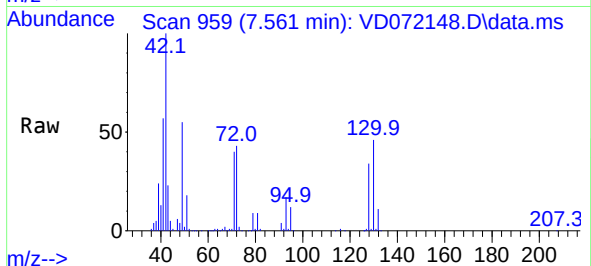




#29
Tetrahydrofuran
Concen: 606.640 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

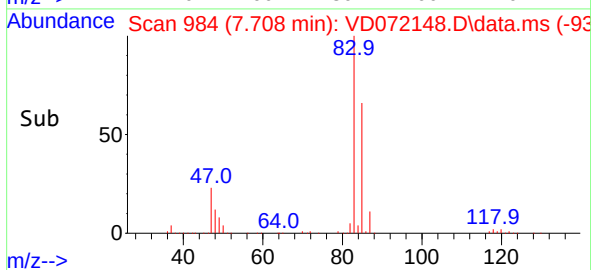
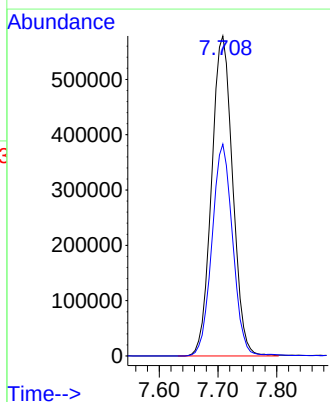
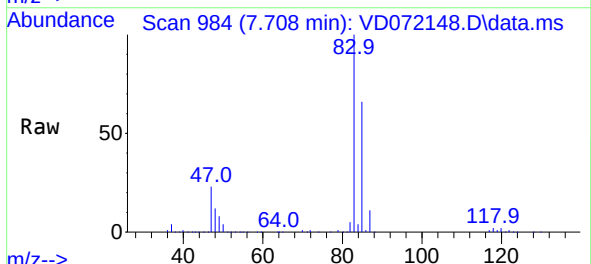
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

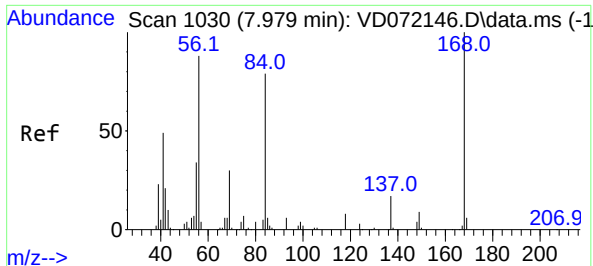
Tgt Ion: 42 Resp: 629916
Ion Ratio Lower Upper
42 100
72 42.6 30.7 46.1
71 40.3 28.6 43.0



#30
Chloroform
Concen: 130.055 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 83 Resp: 1440265
Ion Ratio Lower Upper
83 100
85 66.2 52.7 79.1





#31

Cyclohexane

Concen: 107.976 ug/l

RT: 7.985 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

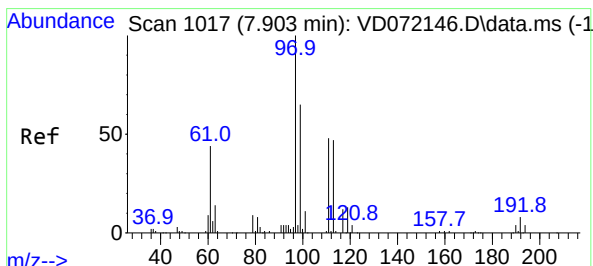
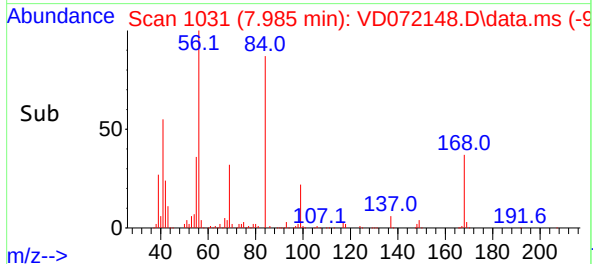
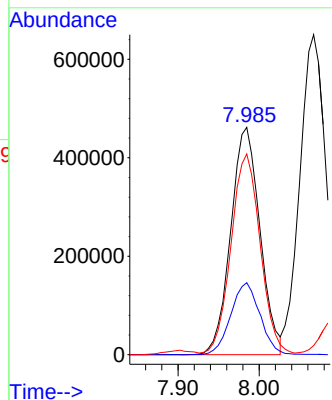
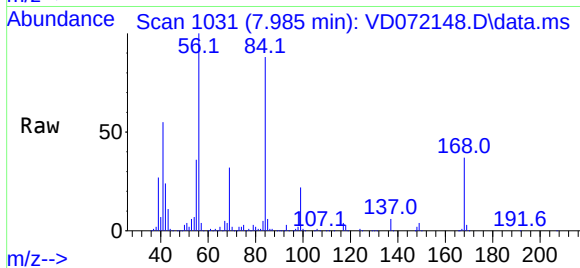
MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 1155483

Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.4	38.2
84	86.3	63.0	94.4



#32

1,1,1-Trichloroethane

Concen: 132.732 ug/l

RT: 7.902 min Scan# 1017

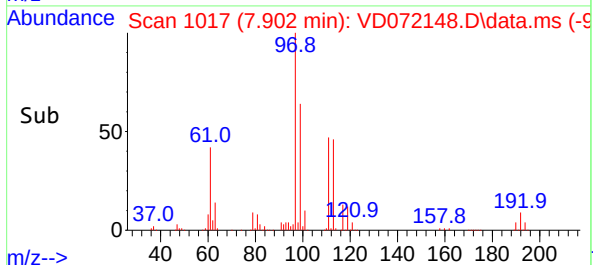
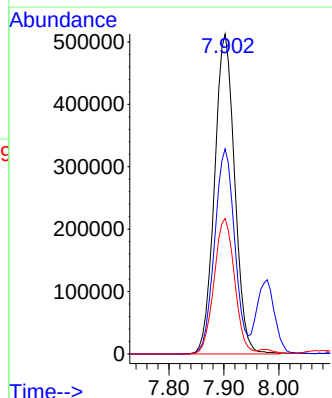
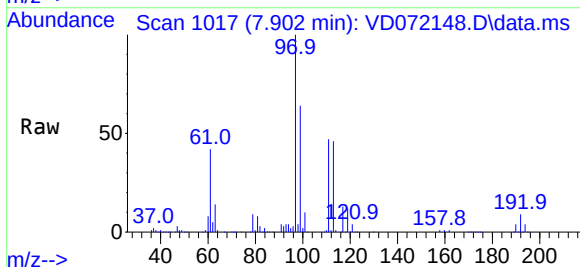
Delta R.T. -0.000 min

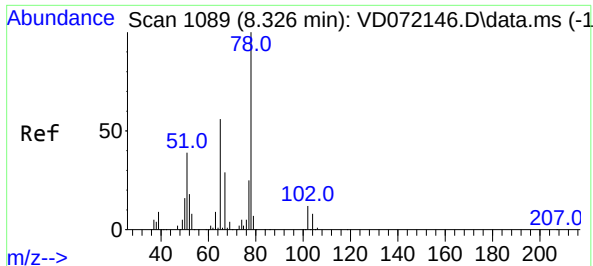
Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Tgt Ion: 97 Resp: 1305684

Ion	Ratio	Lower	Upper
97	100		
99	64.0	52.4	78.6
61	42.9	38.0	57.0





#33

1,2-Dichloroethane-d4

Concen: 121.722 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

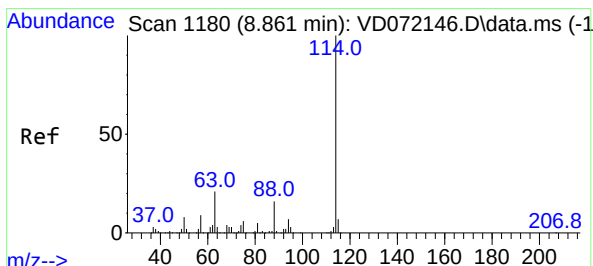
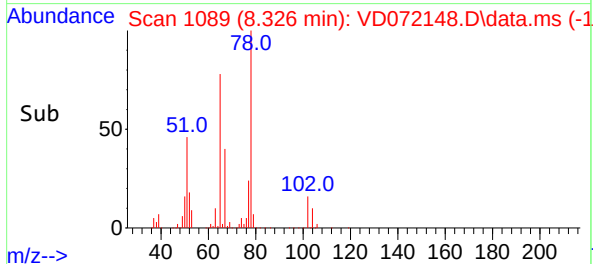
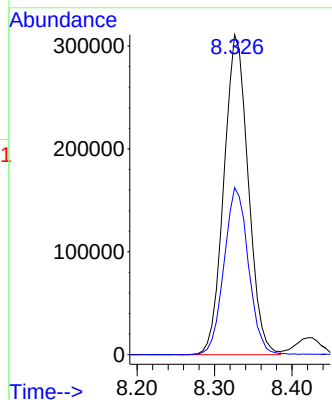
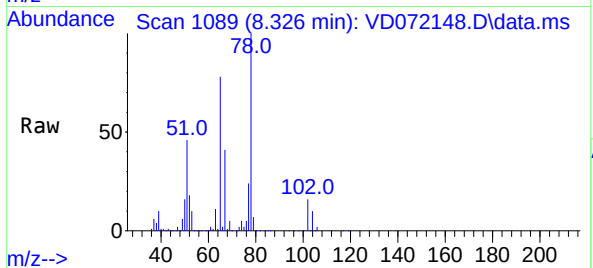
VSTDIC150

Tgt Ion: 65 Resp: 679409

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

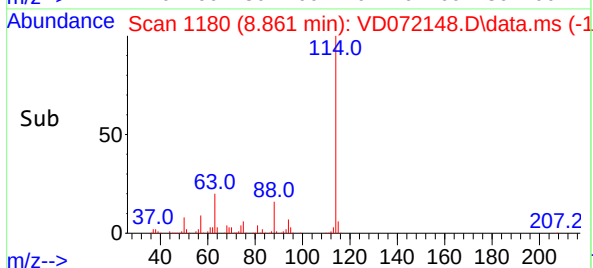
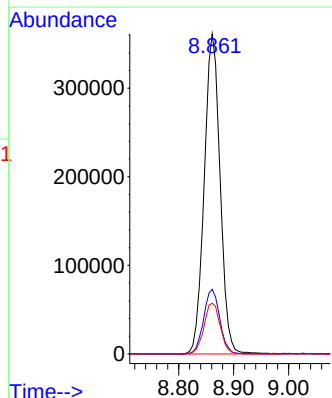
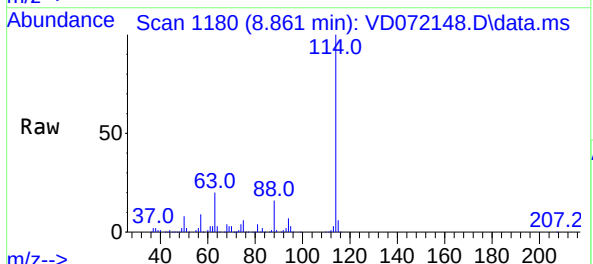
Tgt Ion: 114 Resp: 725751

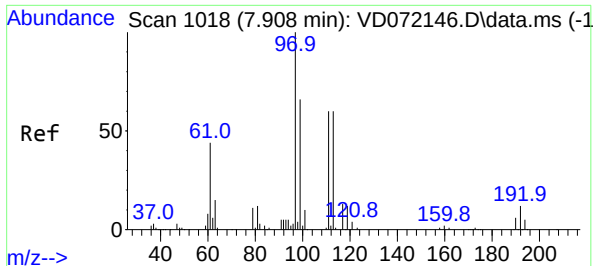
Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 145.022 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

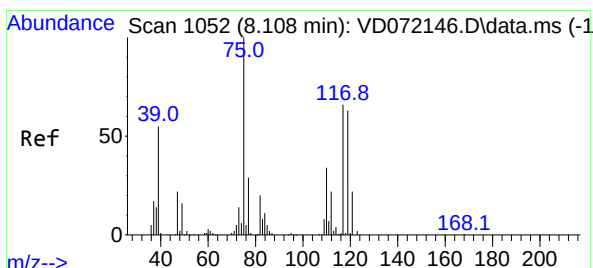
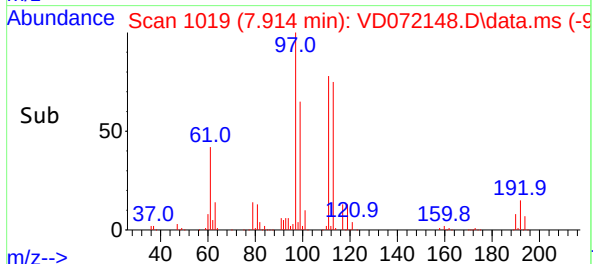
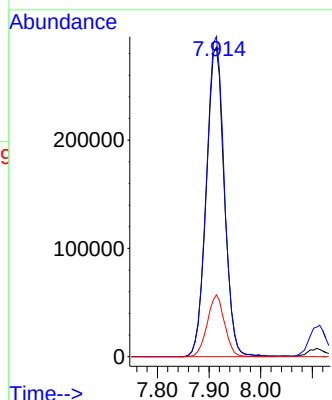
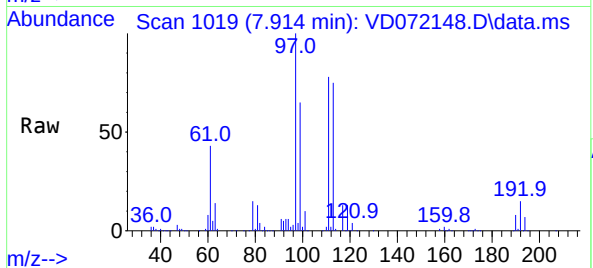
Tgt Ion:113 Resp: 690016

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 19.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 129.237 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

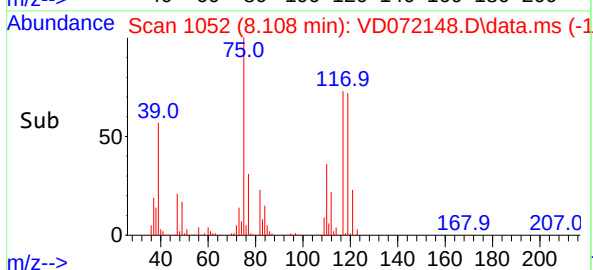
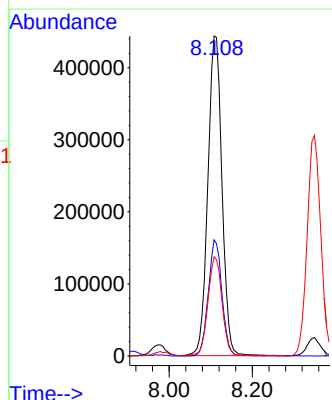
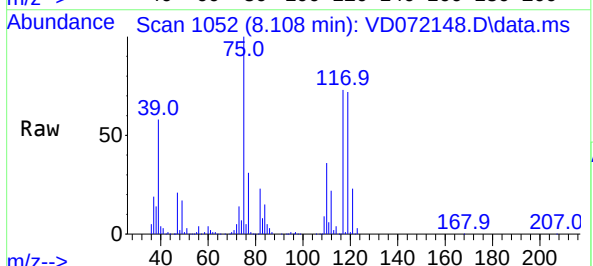
Tgt Ion: 75 Resp: 1046773

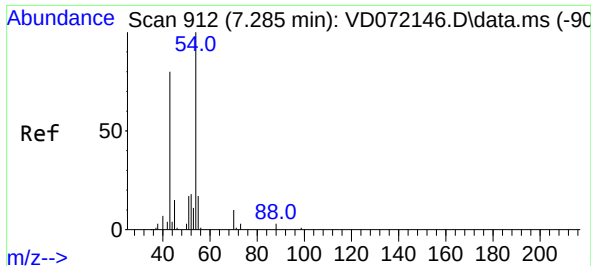
Ion Ratio Lower Upper

75 100

110 35.1 16.4 49.1

77 30.8 24.2 36.2





#37

Ethyl Acetate

Concen: 121.495 ug/l

RT: 7.291 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

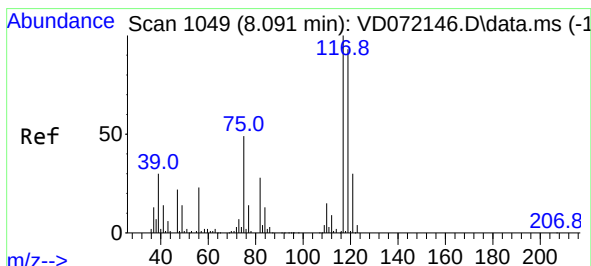
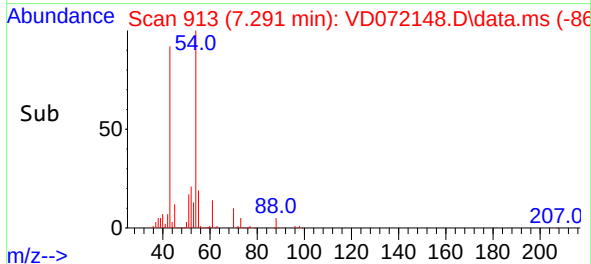
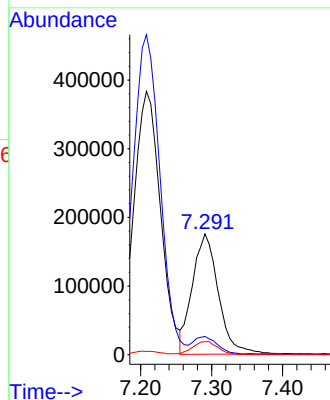
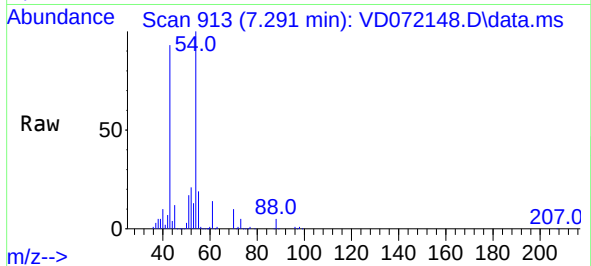
Tgt Ion: 43 Resp: 444764

Ion Ratio Lower Upper

43 100

61 13.4 9.8 14.8

70 10.8 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 139.188 ug/l

RT: 8.096 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

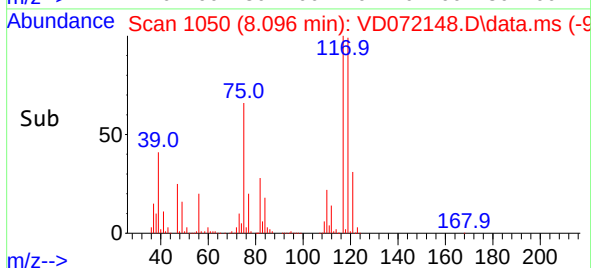
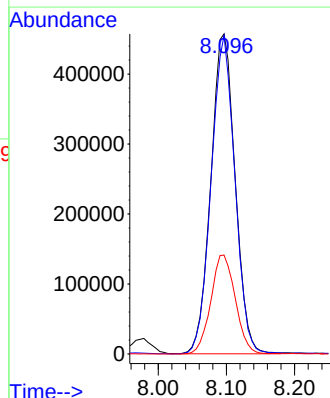
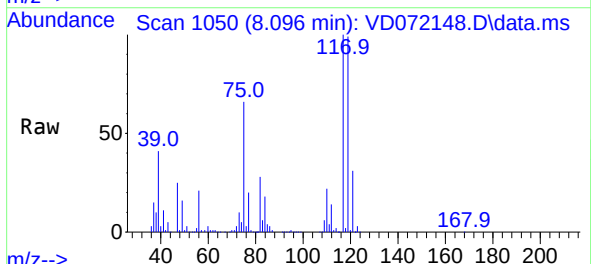
Tgt Ion:117 Resp: 1134245

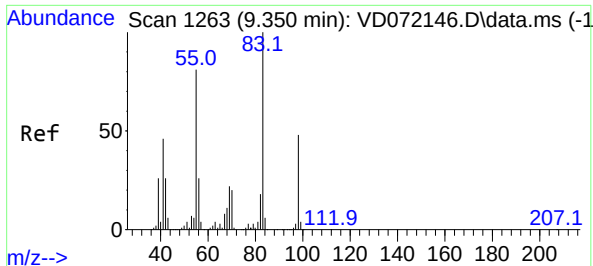
Ion Ratio Lower Upper

117 100

119 99.4 75.8 113.6

121 30.9 24.5 36.7

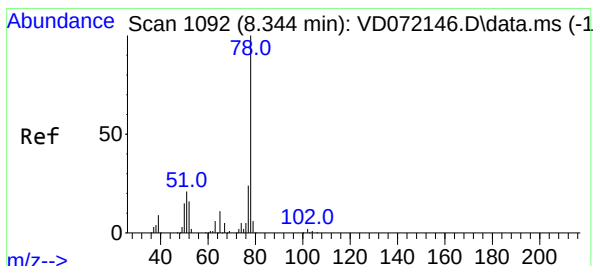
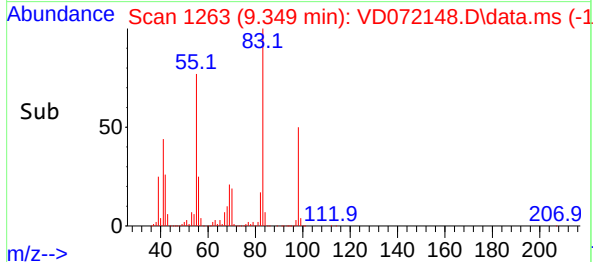
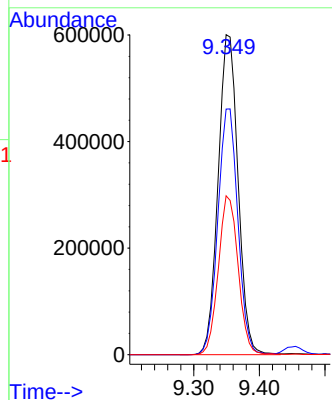
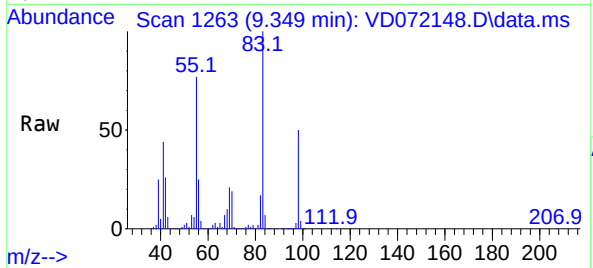




#39
Methylcyclohexane
Concen: 135.127 ug/l
RT: 9.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

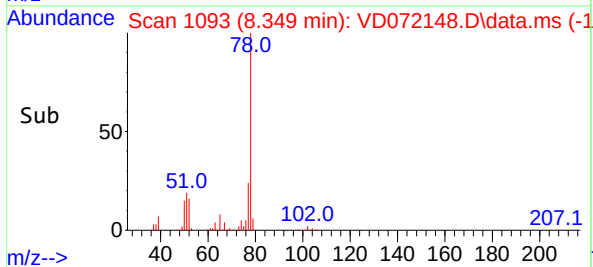
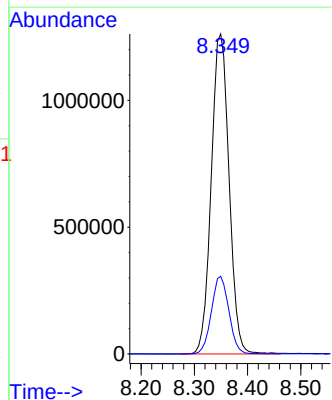
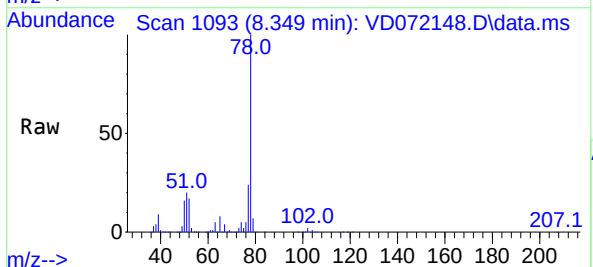
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

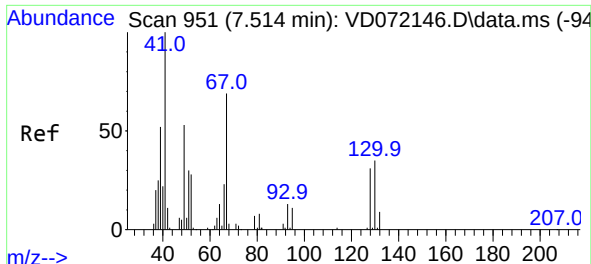
Tgt Ion: 83 Resp: 1266717
Ion Ratio Lower Upper
83 100
55 76.7 63.2 94.8
98 49.7 38.2 57.4



#40
Benzene
Concen: 133.724 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 78 Resp: 2931211
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7

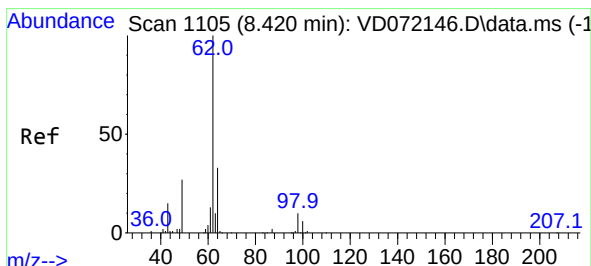
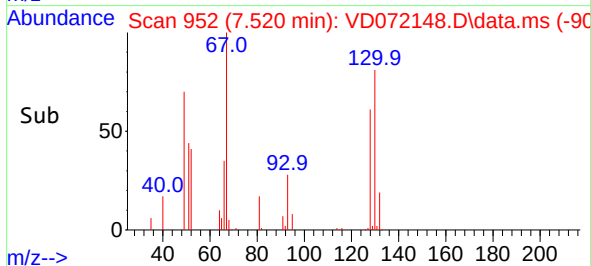
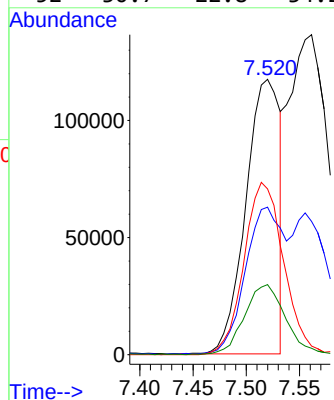
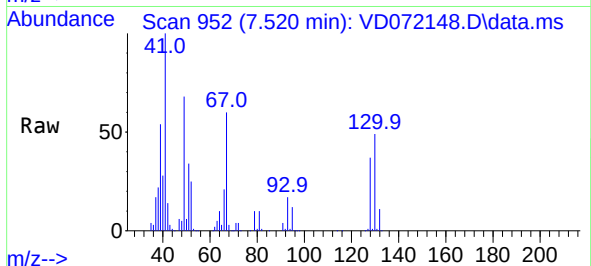




#41
Methacrylonitrile
Concen: 127.035 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

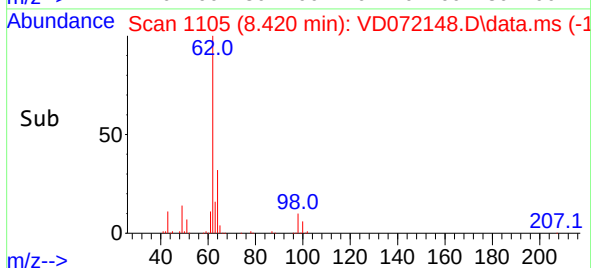
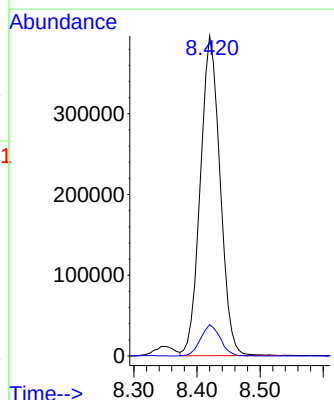
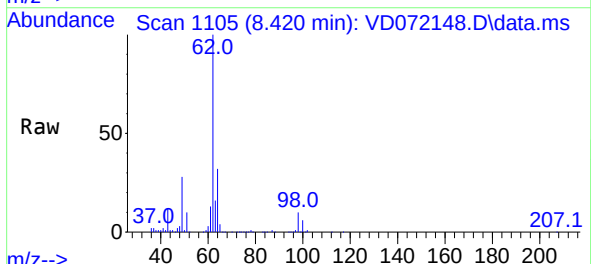
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

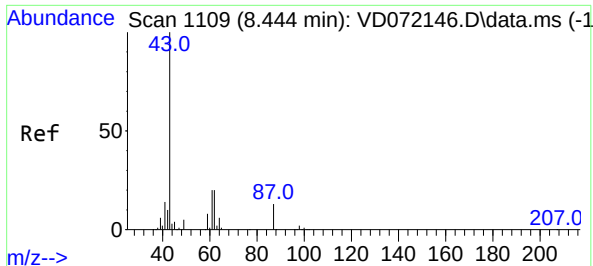
Tgt Ion: 41 Resp: 261413
Ion Ratio Lower Upper
41 100
39 61.0 44.6 67.0
67 73.3 48.2 72.4#
52 30.7 22.8 34.2



#42
1,2-Dichloroethane
Concen: 126.505 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 62 Resp: 861523
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





#43

Isopropyl Acetate

Concen: 134.934 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

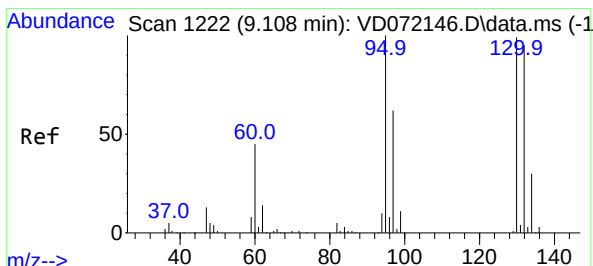
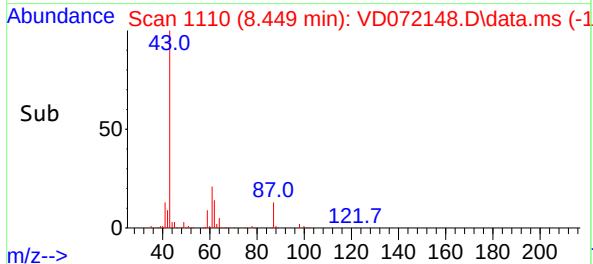
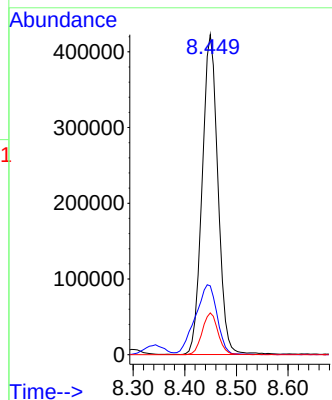
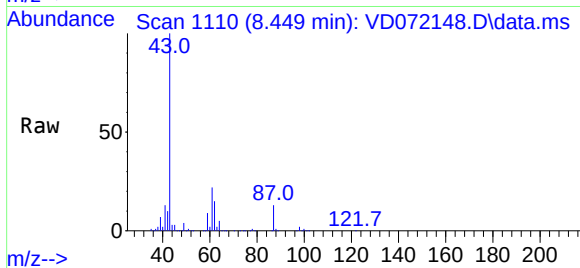
Tgt Ion: 43 Resp: 892303

Ion Ratio Lower Upper

43 100

61 30.4 22.4 33.6

87 13.2 8.7 13.1#



#44

Trichloroethene

Concen: 141.652 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD072148.D

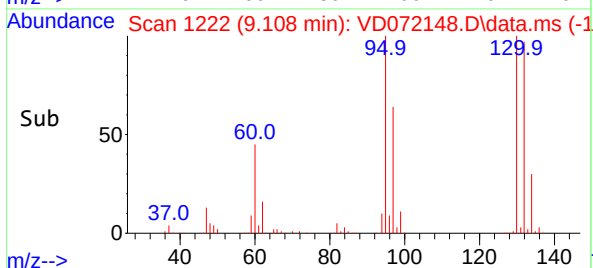
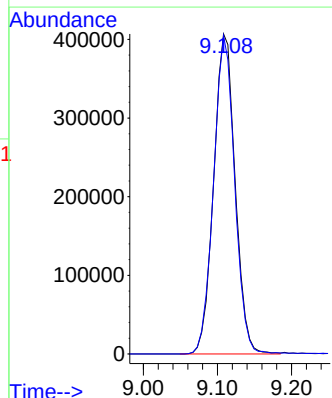
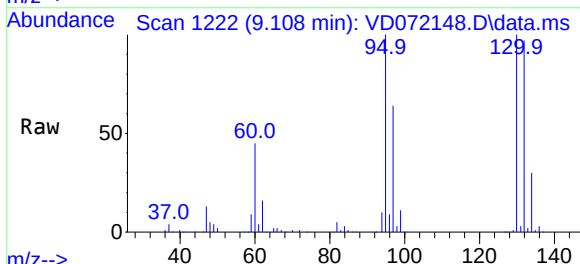
Acq: 11 Mar 2022 13:31

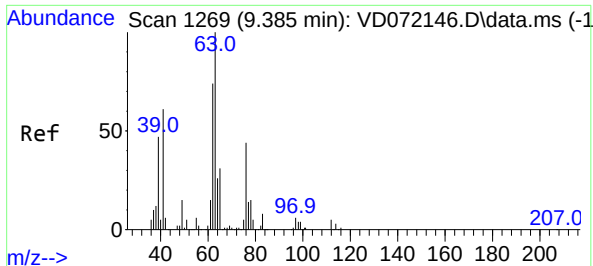
Tgt Ion:130 Resp: 816833

Ion Ratio Lower Upper

130 100

95 99.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 136.485 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

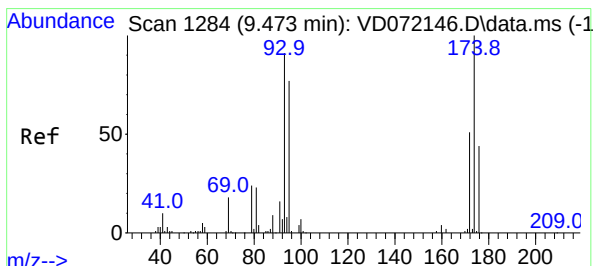
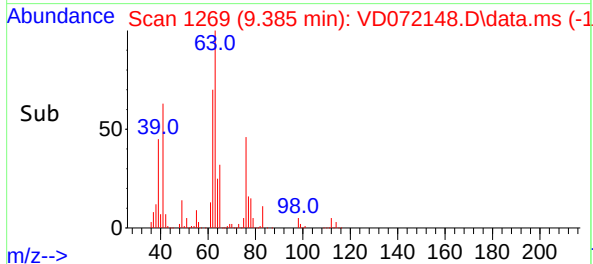
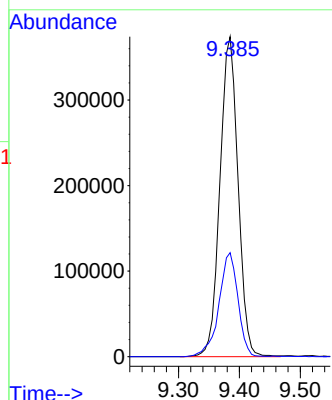
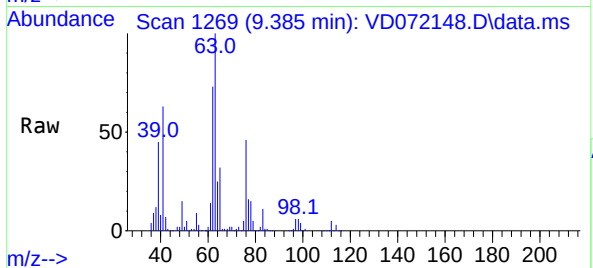
VSTDIC150

Tgt Ion: 63 Resp: 772110

Ion Ratio Lower Upper

63 100

65 32.5 26.2 39.4



#46

Dibromomethane

Concen: 133.783 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

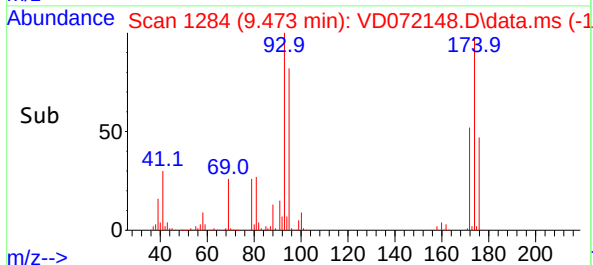
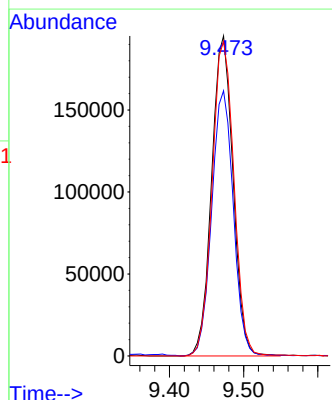
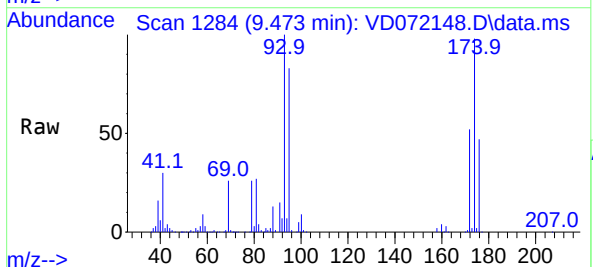
Tgt Ion: 93 Resp: 391295

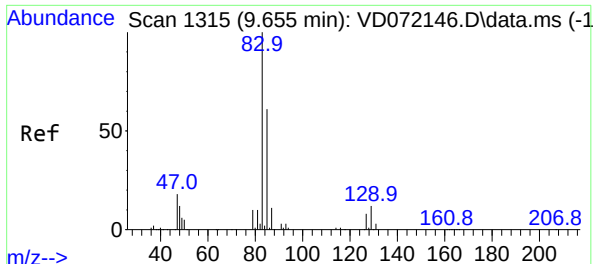
Ion Ratio Lower Upper

93 100

95 84.0 66.7 100.1

174 100.0 71.6 107.4





#47

Bromodichloromethane

Concen: 138.960 ug/l

RT: 9.661 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

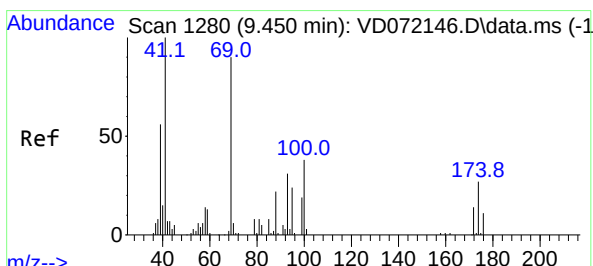
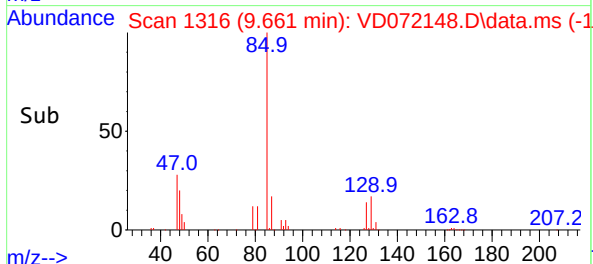
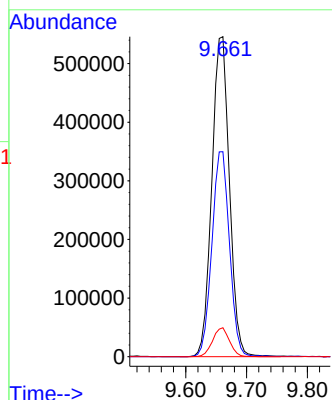
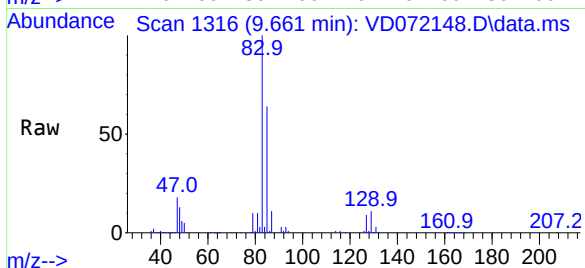
Tgt Ion: 83 Resp: 1092874

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

127 9.0 6.1 9.1



#48

Methyl methacrylate

Concen: 127.555 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

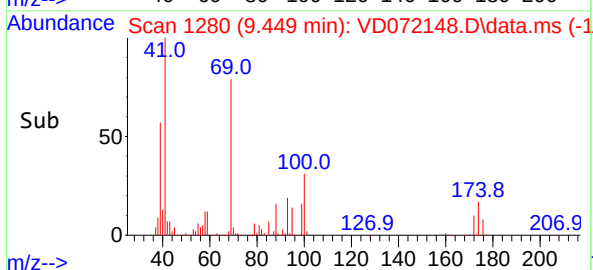
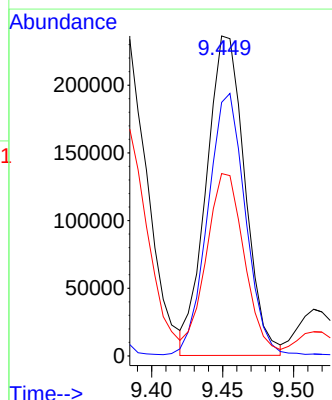
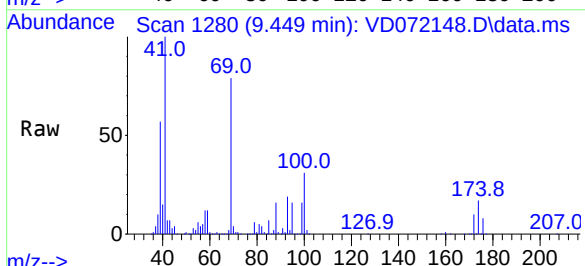
Tgt Ion: 41 Resp: 445867

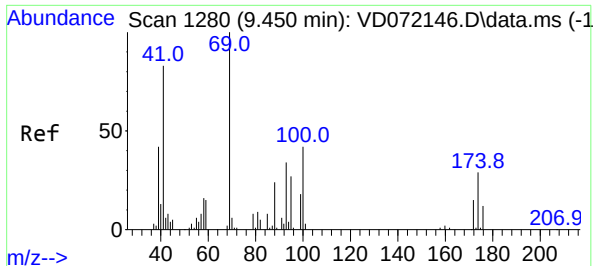
Ion Ratio Lower Upper

41 100

69 80.5 56.7 85.1

39 56.9 42.7 64.1

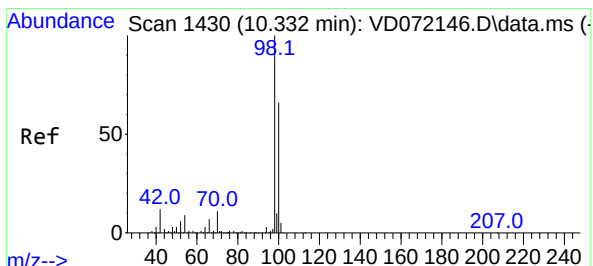
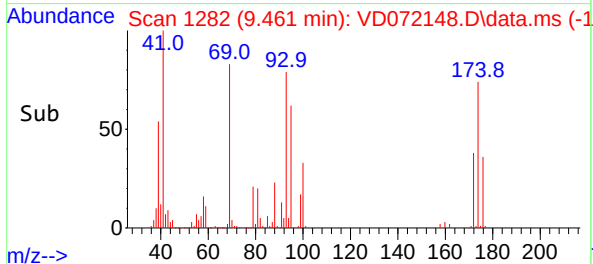
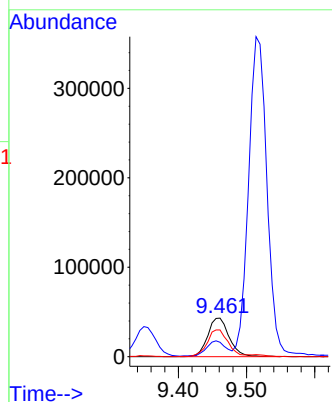
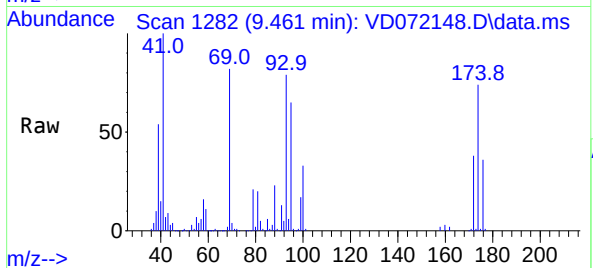




#49
1,4-Dioxane
Concen: 2840.561 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.011 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

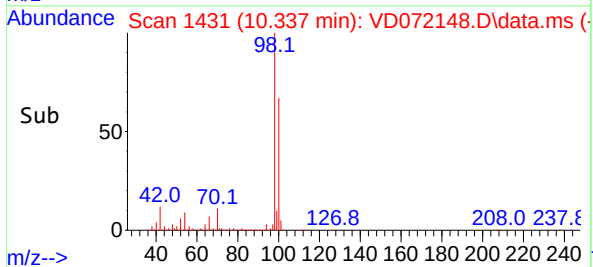
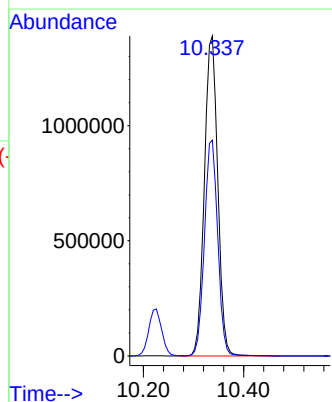
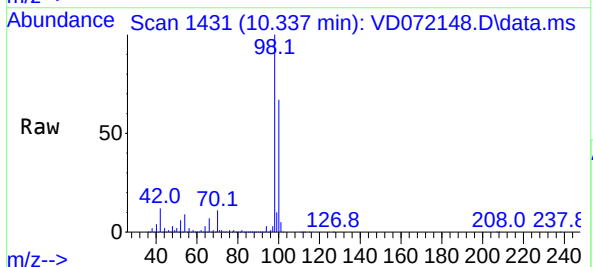
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

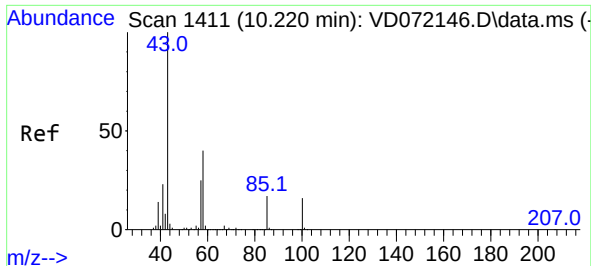
Tgt Ion: 88 Resp: 94460
Ion Ratio Lower Upper
88 100
43 36.4 31.0 46.4
58 72.4 58.1 87.1



#50
Toluene-d8
Concen: 145.024 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 98 Resp: 2573378
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6

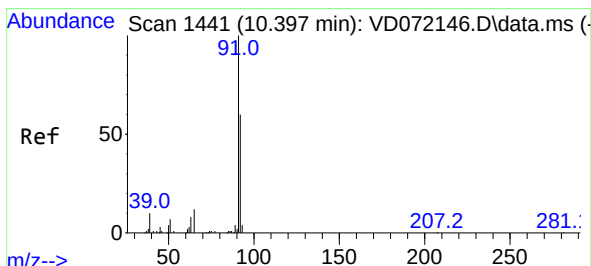
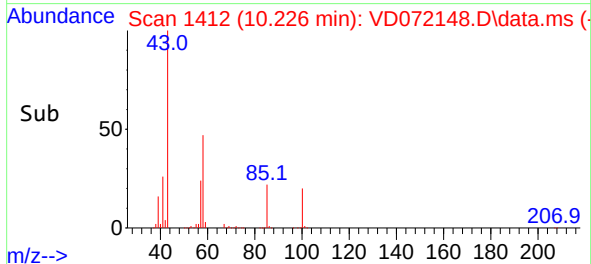
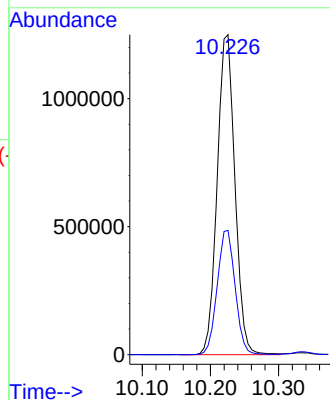
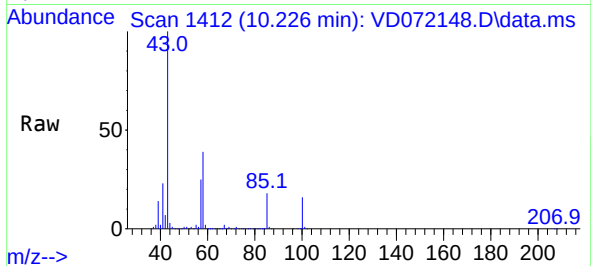




#51
4-Methyl-2-Pentanone
Concen: 655.738 ug/l
RT: 10.226 min Scan# 1411
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

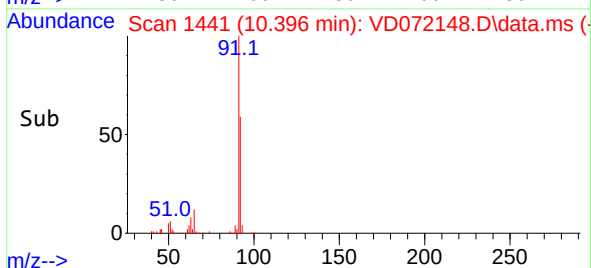
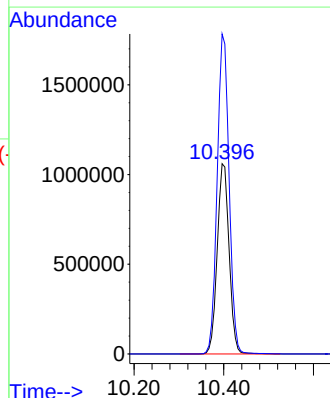
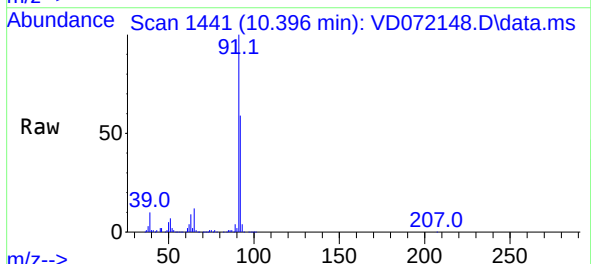
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

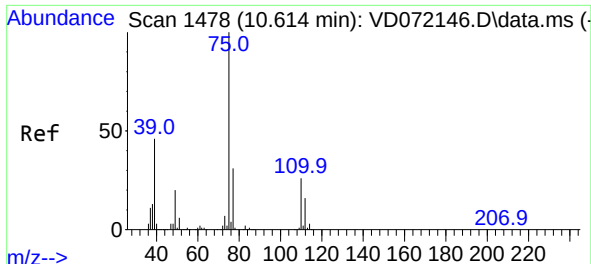
Tgt Ion: 43 Resp: 2264908
Ion Ratio Lower Upper
43 100
58 39.3 28.6 43.0



#52
Toluene
Concen: 141.035 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 92 Resp: 1944585
Ion Ratio Lower Upper
92 100
91 168.5 139.6 209.4

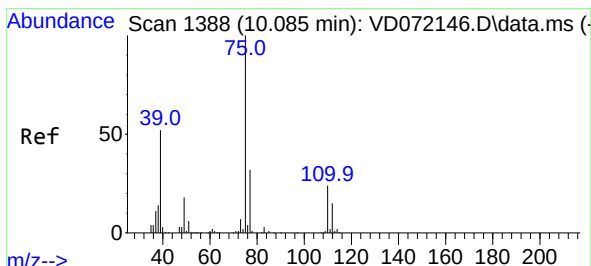
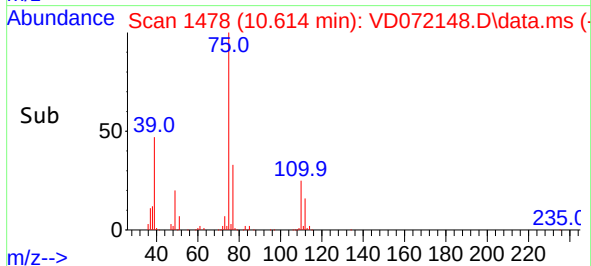
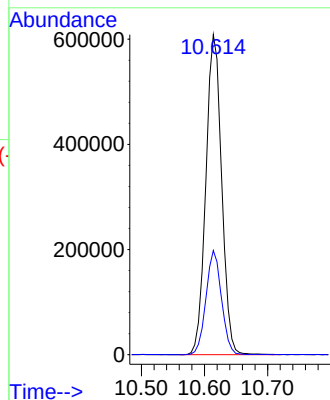
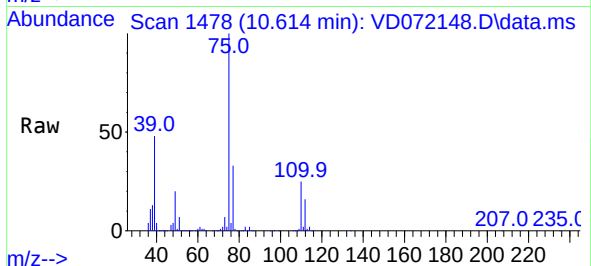




#53
 t-1,3-Dichloropropene
 Concen: 147.320 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD072148.D
 Acq: 11 Mar 2022 13:31

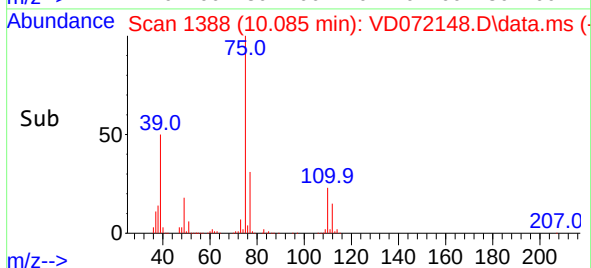
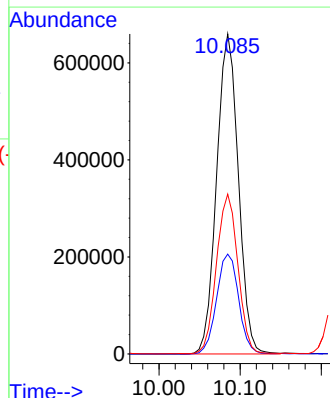
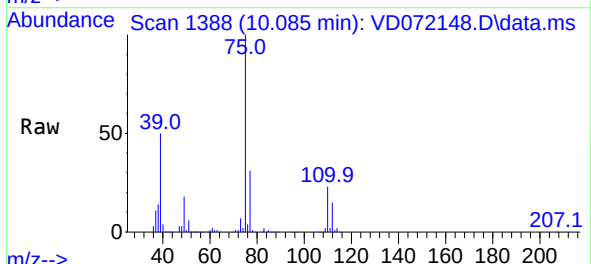
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

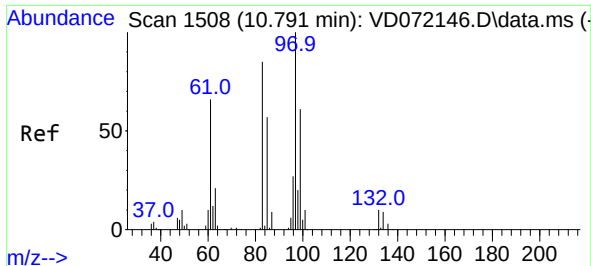
Tgt Ion: 75 Resp: 1058468
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 144.839 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD072148.D
 Acq: 11 Mar 2022 13:31

Tgt Ion: 75 Resp: 1226925
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 49.8 46.8 70.2



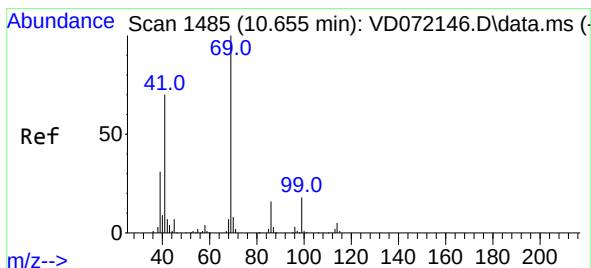
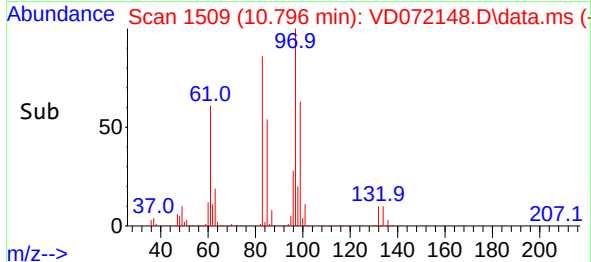
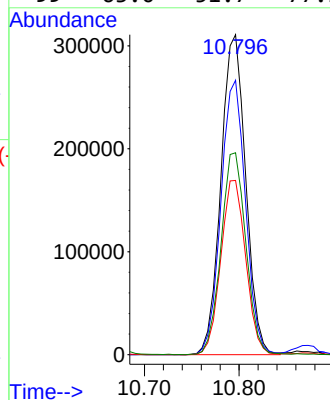
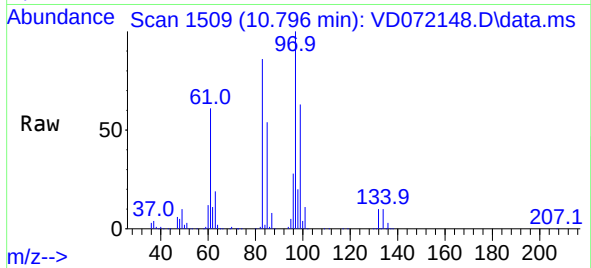


#55
1,1,2-Trichloroethane
Concen: 143.114 ug/l
RT: 10.796 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 566258

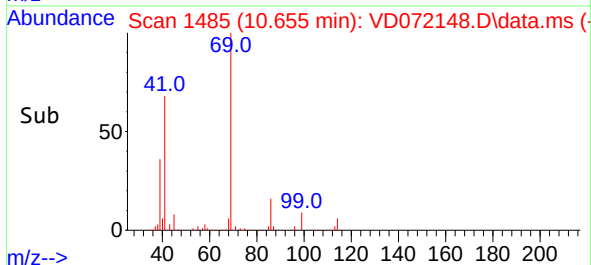
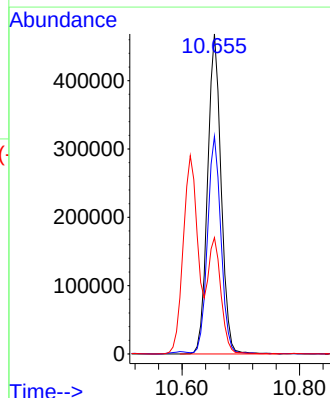
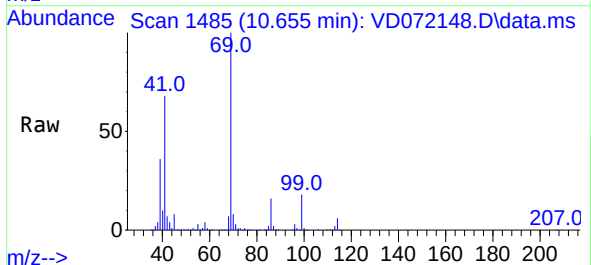
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.0	103.4
85	54.5	42.6	63.8
99	63.0	51.7	77.5

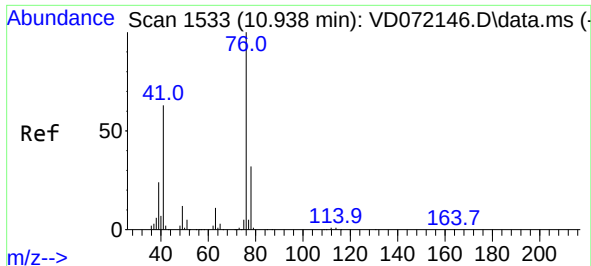


#56
Ethyl methacrylate
Concen: 155.019 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 69 Resp: 749314

Ion	Ratio	Lower	Upper
69	100		
41	67.7	63.0	94.6
39	34.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 139.902 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

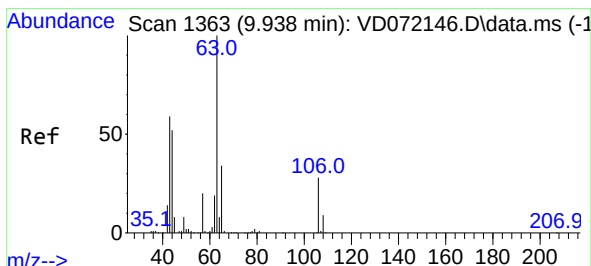
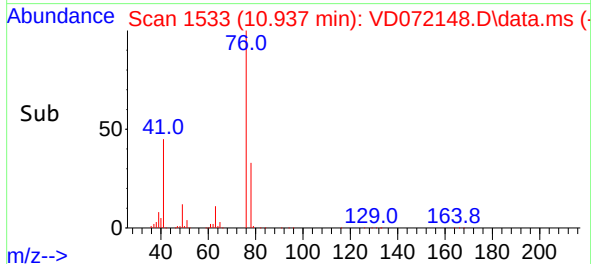
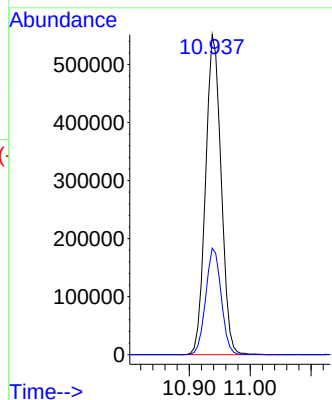
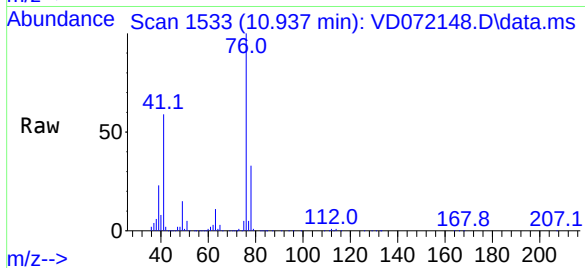
VSTDIC150

Tgt Ion: 76 Resp: 977939

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 720.516 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072148.D

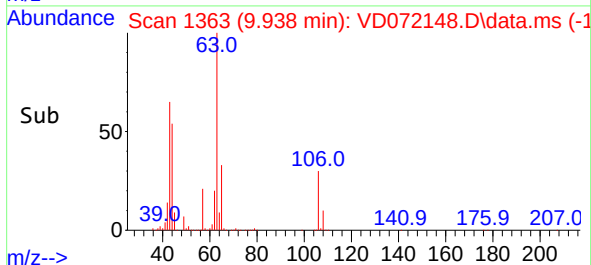
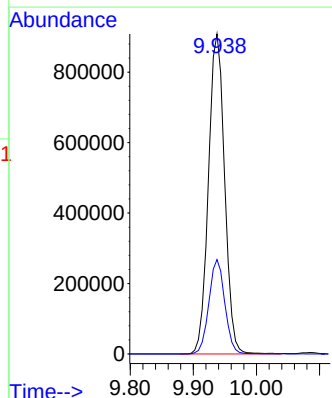
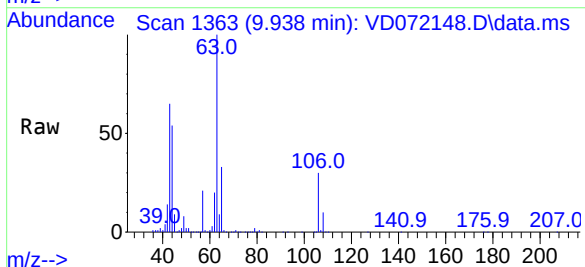
Acq: 11 Mar 2022 13:31

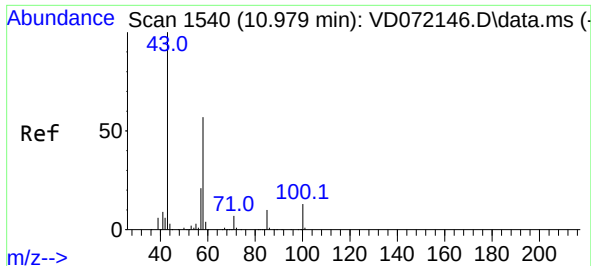
Tgt Ion: 63 Resp: 1616037

Ion Ratio Lower Upper

63 100

106 29.0 21.4 32.0

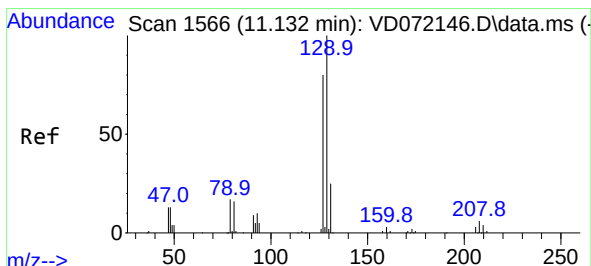
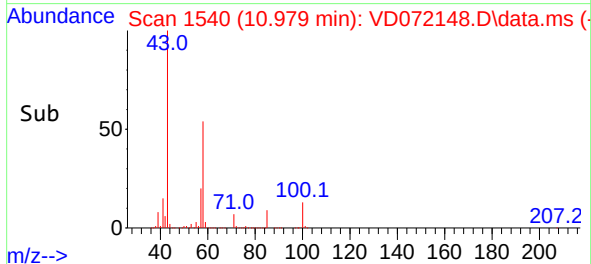
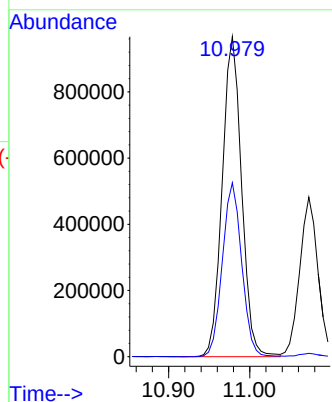
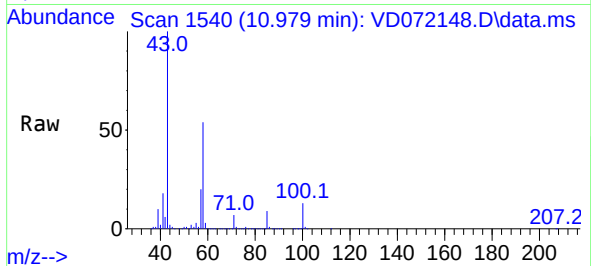




#59
2-Hexanone
Concen: 648.246 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

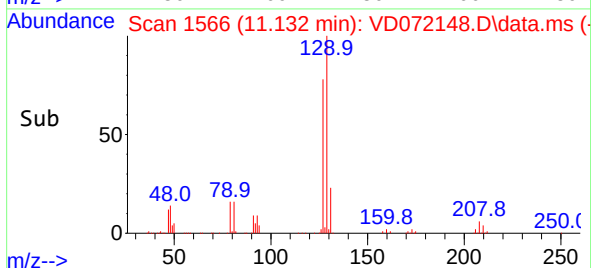
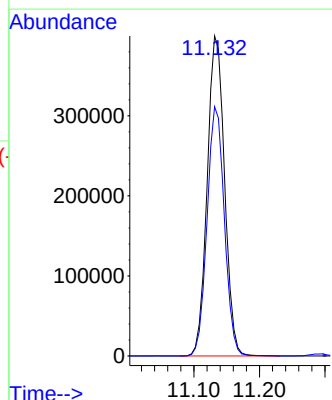
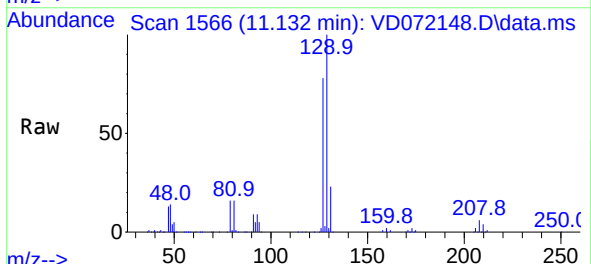
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

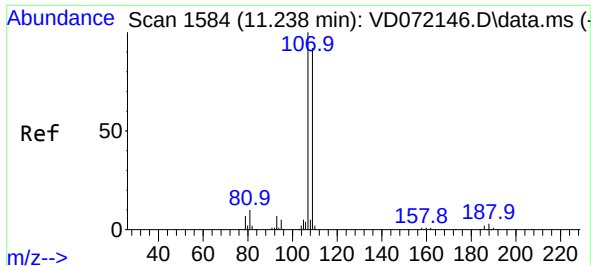
Tgt Ion: 43 Resp: 1603825
Ion Ratio Lower Upper
43 100
58 54.2 25.3 75.9



#60
Dibromochloromethane
Concen: 149.598 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 129 Resp: 735733
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

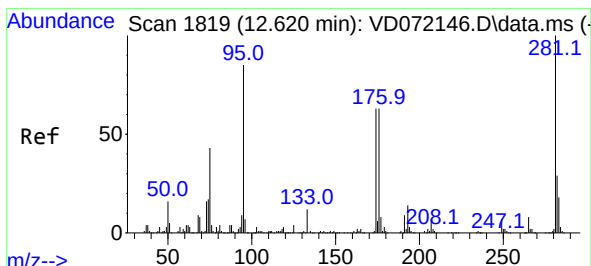
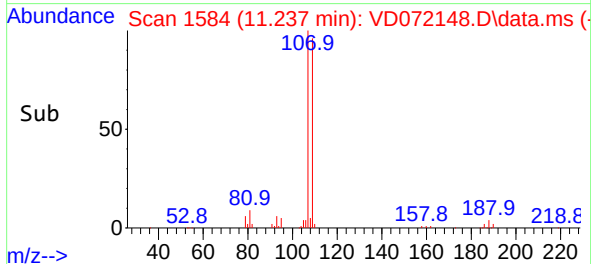
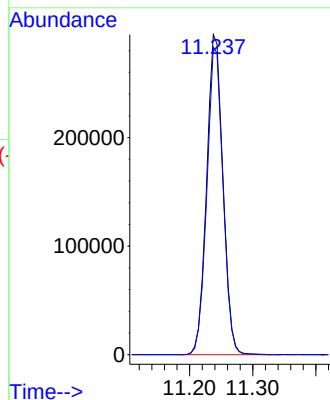
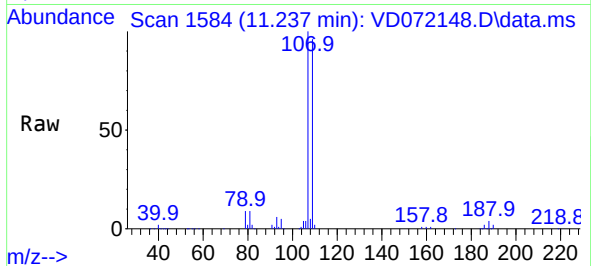




#61
1,2-Dibromoethane
Concen: 139.977 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

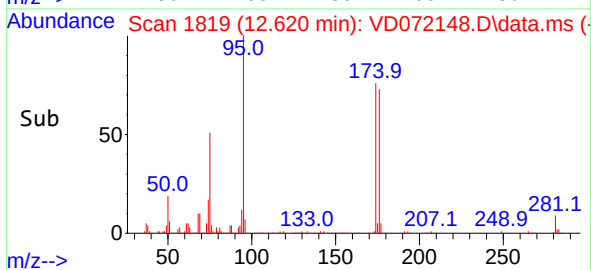
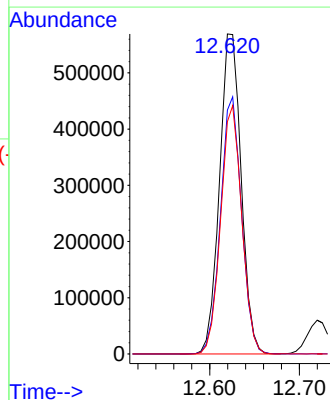
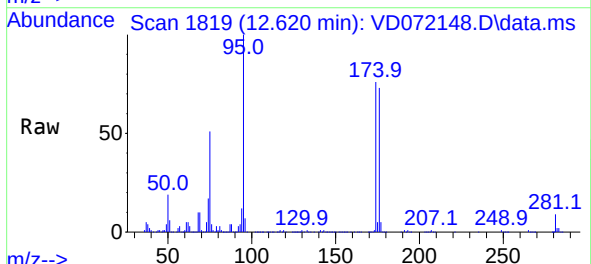
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

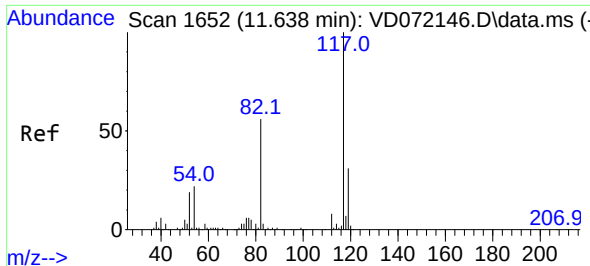
Tgt Ion:107 Resp: 529220
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 151.137 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

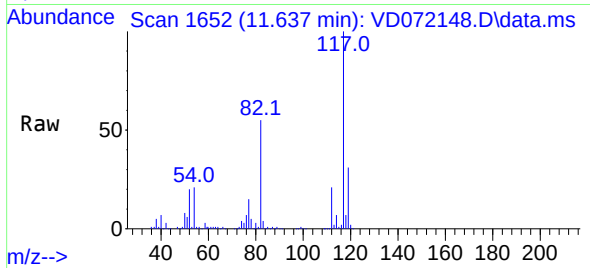
Tgt Ion: 95 Resp: 953440
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 75.5 0.0 145.4





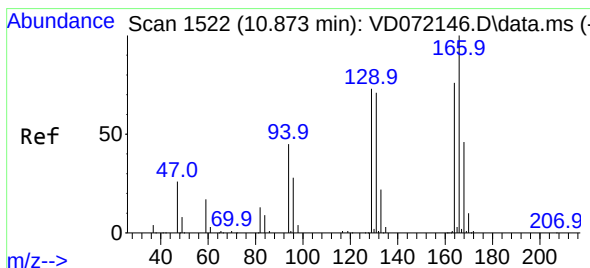
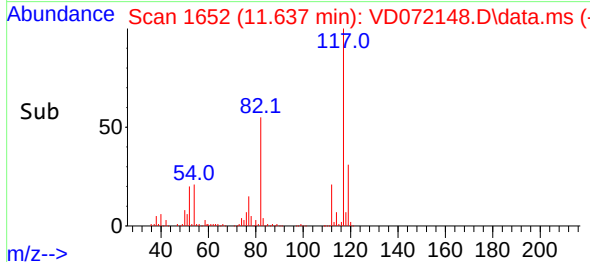
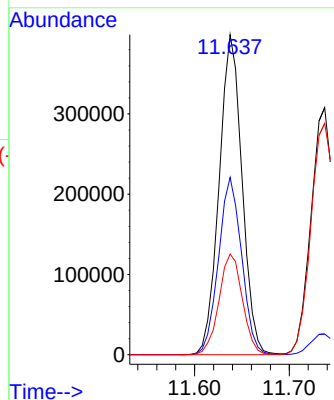
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 670532

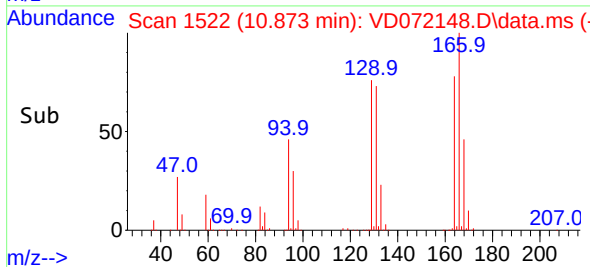
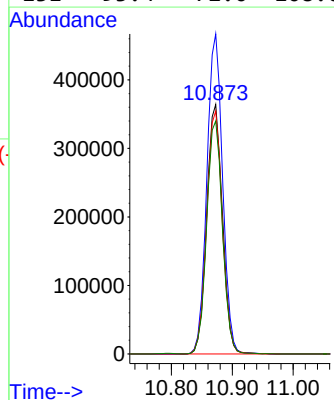
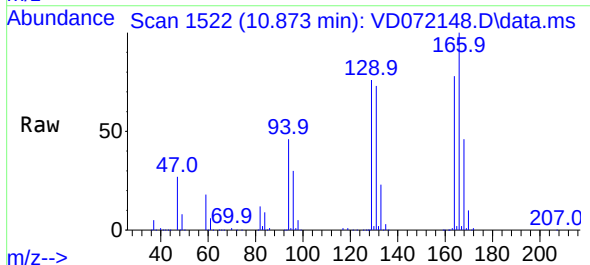
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.3	67.9
119	31.5	26.6	40.0

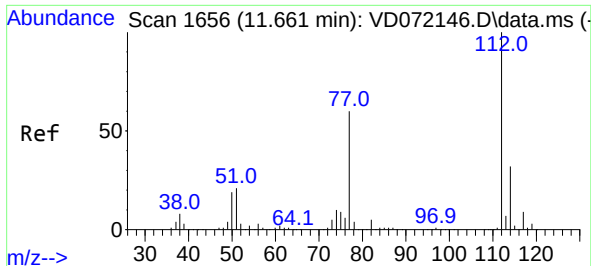


#64
Tetrachloroethene
Concen: 137.157 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:164 Resp: 657257

Ion	Ratio	Lower	Upper
164	100		
166	128.3	98.5	147.7
129	97.3	74.6	111.8
131	93.4	72.0	108.0

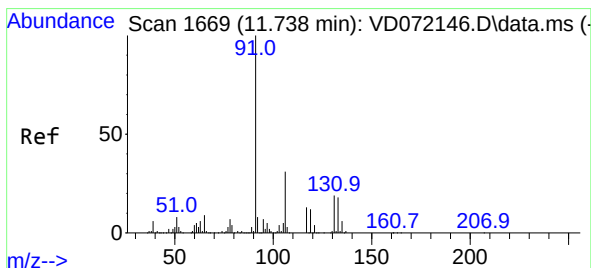
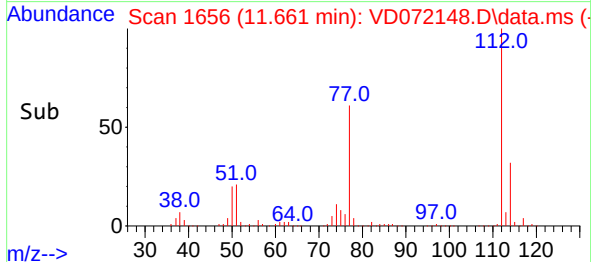
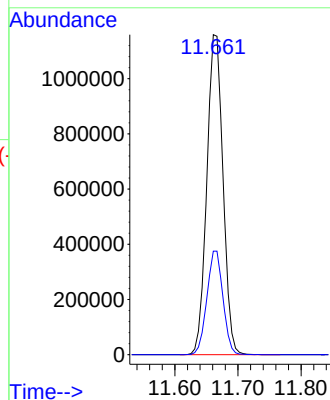
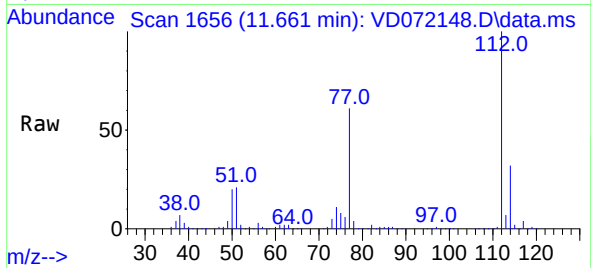




#65
Chlorobenzene
Concen: 143.625 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

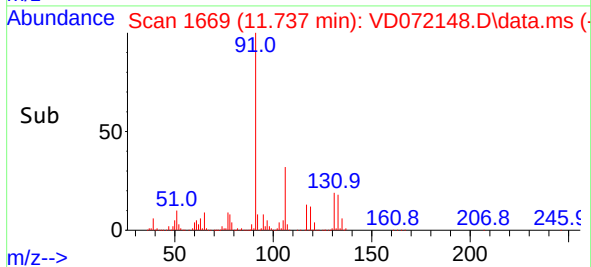
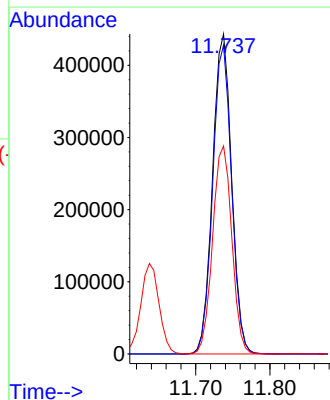
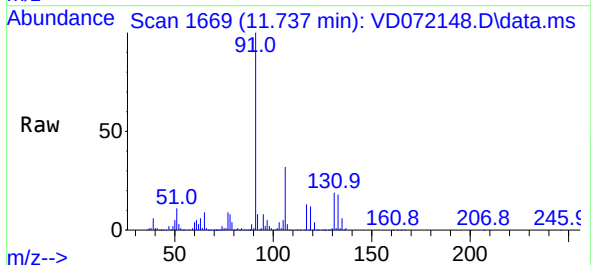
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

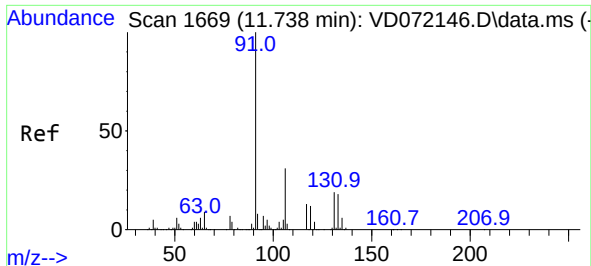
Tgt Ion:112 Resp: 2063888
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 149.740 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:131 Resp: 791172
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 65.5 31.9 95.9

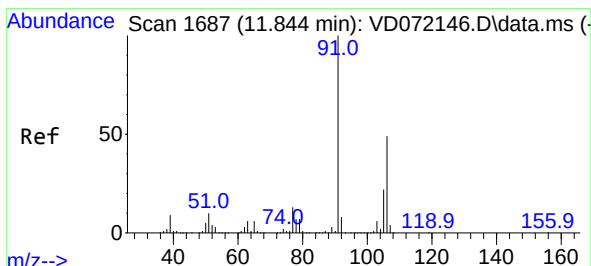
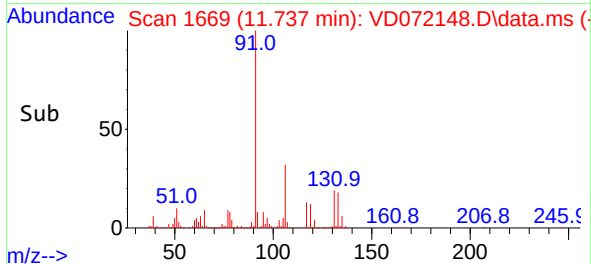
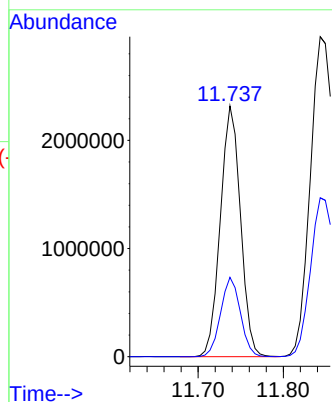
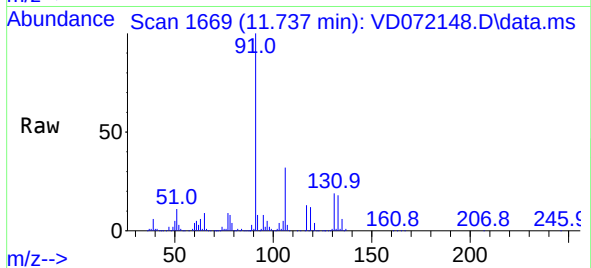




#67
Ethyl Benzene
Concen: 145.092 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

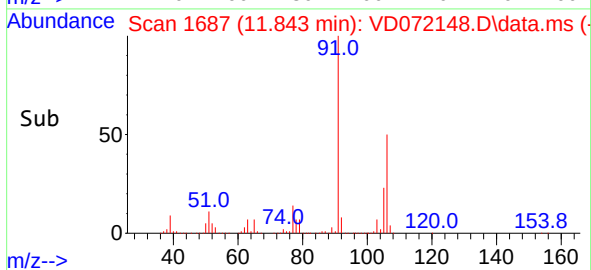
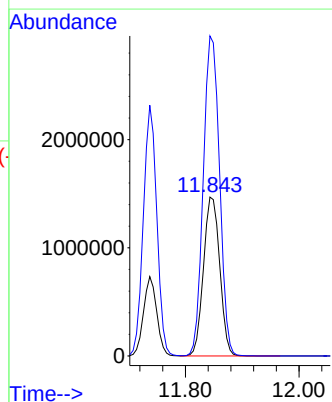
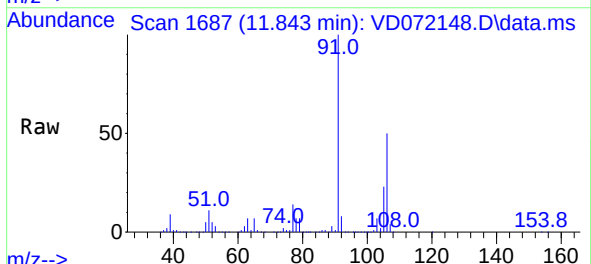
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

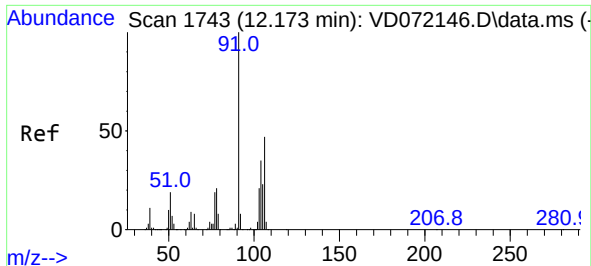
Tgt Ion: 91 Resp: 3814845
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#68
m/p-Xylenes
Concen: 290.976 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:106 Resp: 2910002
Ion Ratio Lower Upper
106 100
91 201.6 163.7 245.5

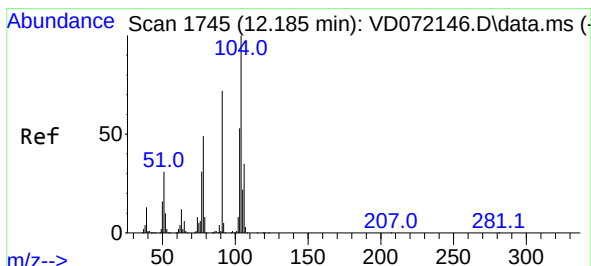
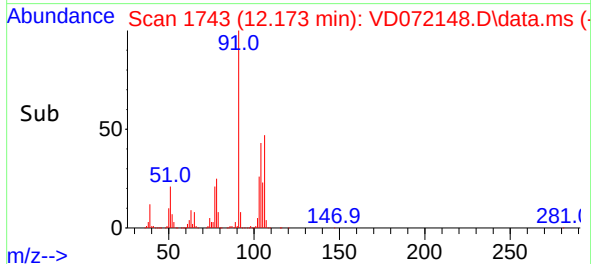
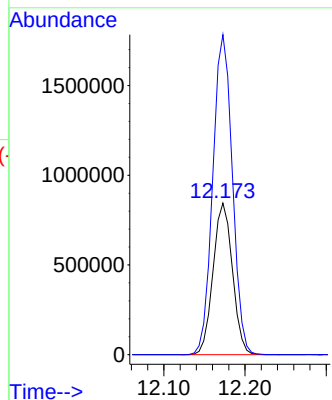
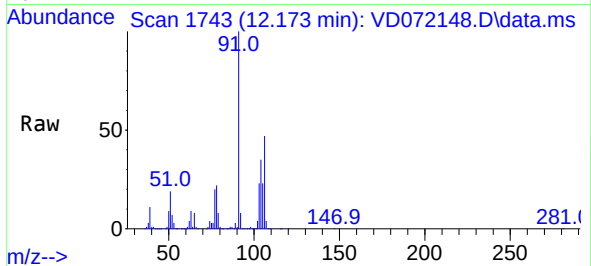




#69
o-Xylene
Concen: 152.640 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

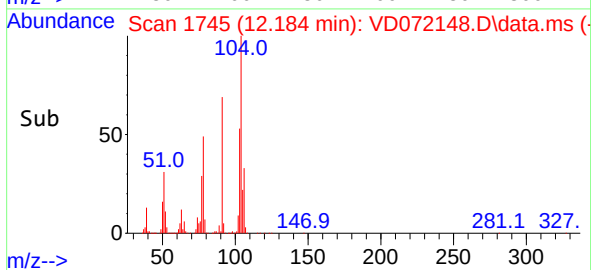
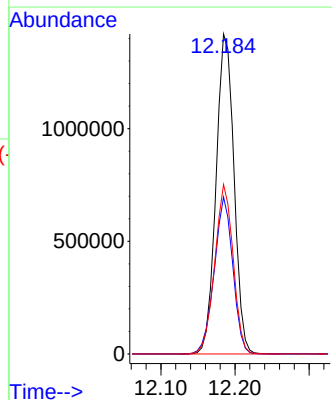
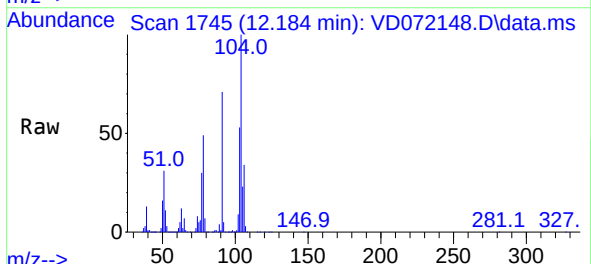
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

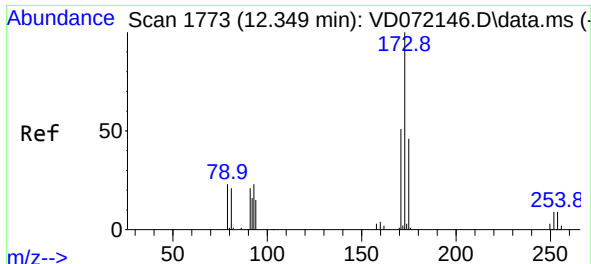
Tgt Ion:106 Resp: 1398675
Ion Ratio Lower Upper
106 100
91 213.9 110.4 331.2



#70
Styrene
Concen: 151.934 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:104 Resp: 2390351
Ion Ratio Lower Upper
104 100
78 50.7 41.8 62.8
103 54.4 44.2 66.4

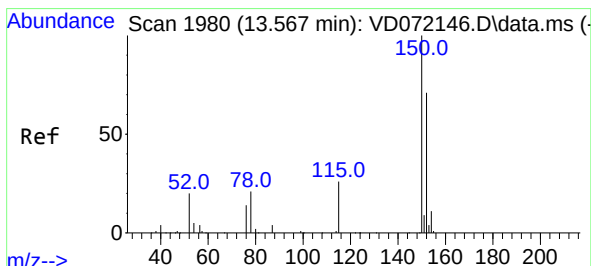
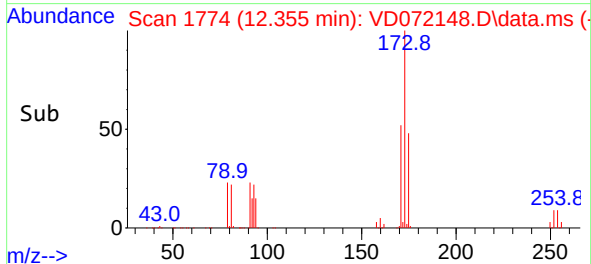
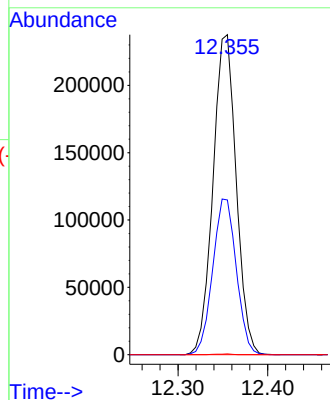
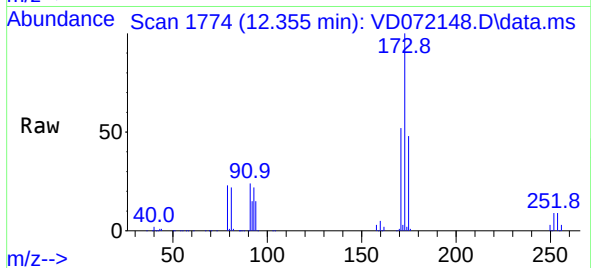




#71
Bromoform
Concen: 152.409 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

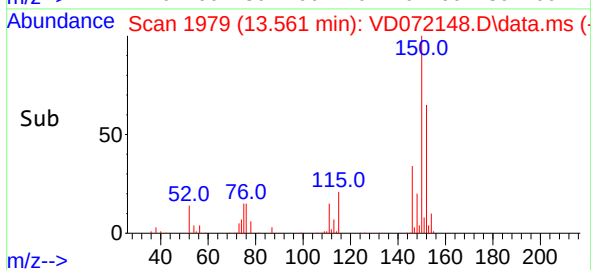
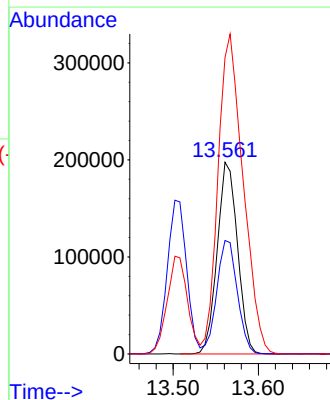
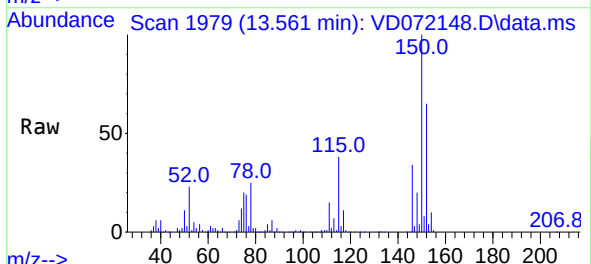
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

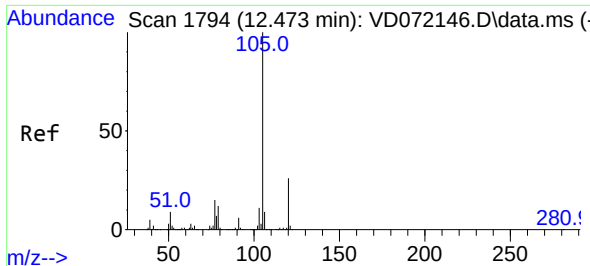
Tgt Ion:173 Resp: 426478
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.8
254 0.2 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:152 Resp: 326966
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 205.9 0.0 348.6

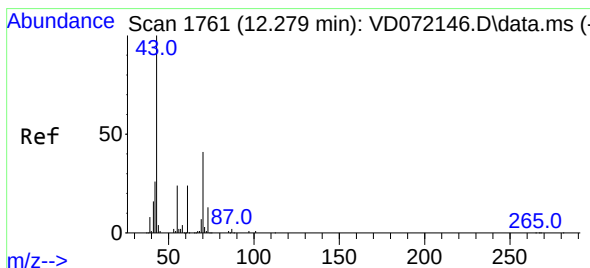
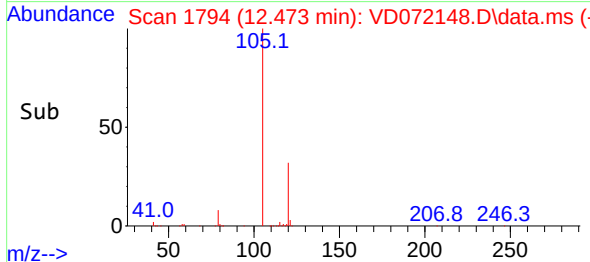
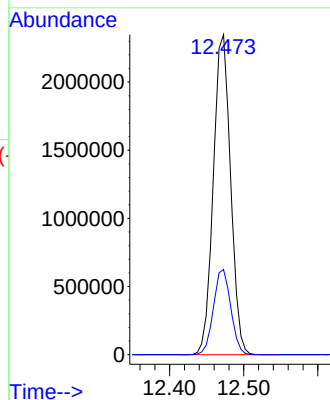
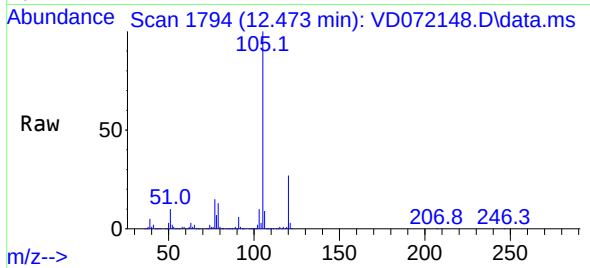




#73
Isopropylbenzene
Concen: 148.618 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

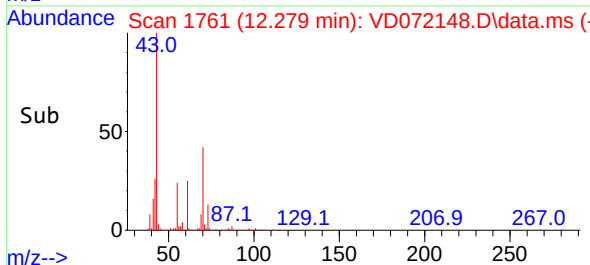
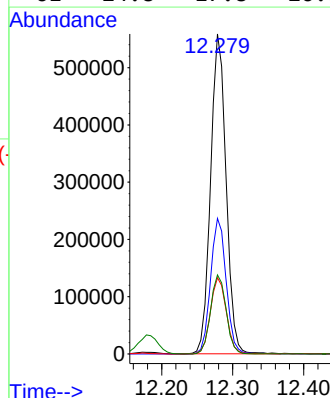
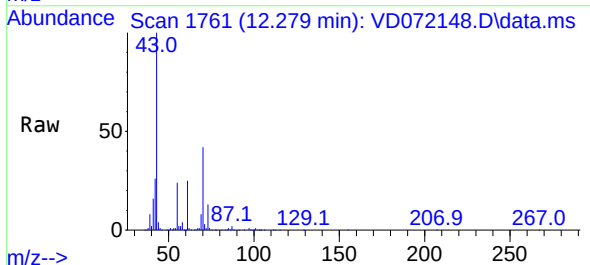
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

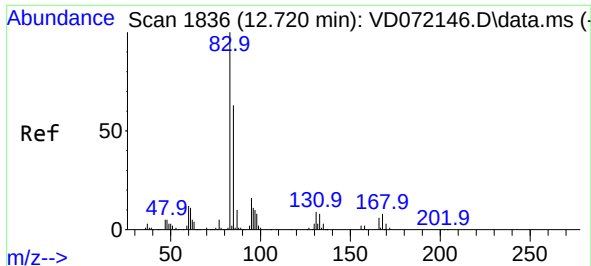
Tgt Ion:105 Resp: 3799001
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 140.544 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 43 Resp: 847014
Ion Ratio Lower Upper
43 100
70 42.7 31.3 46.9
55 24.6 20.0 30.0
61 24.8 17.8 26.8

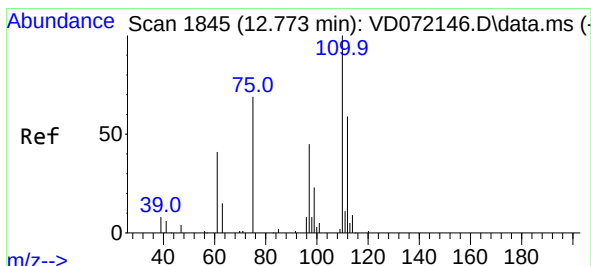
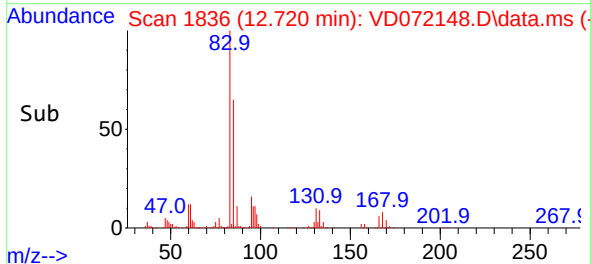
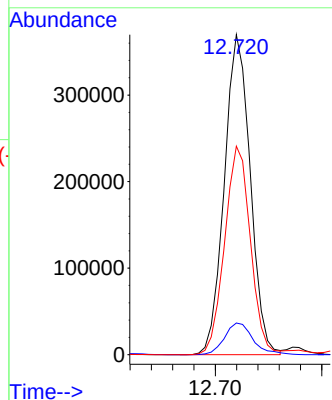
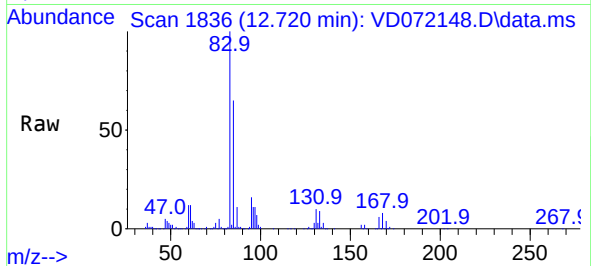




#75
1,1,2,2-Tetrachloroethane
Concen: 134.645 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

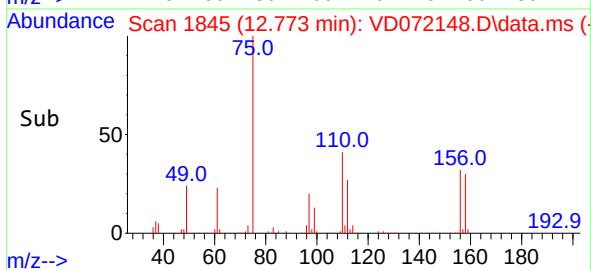
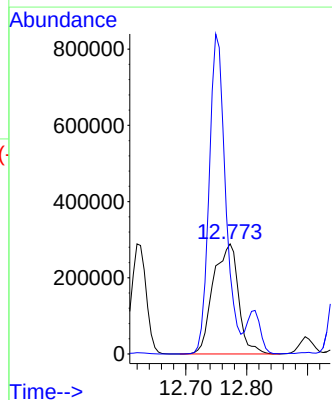
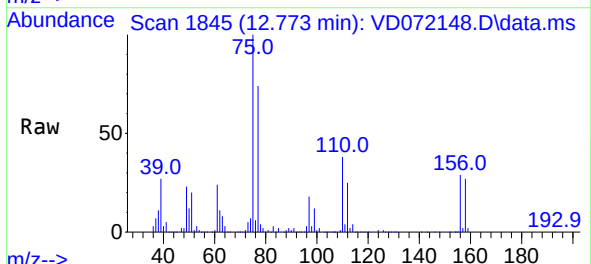
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

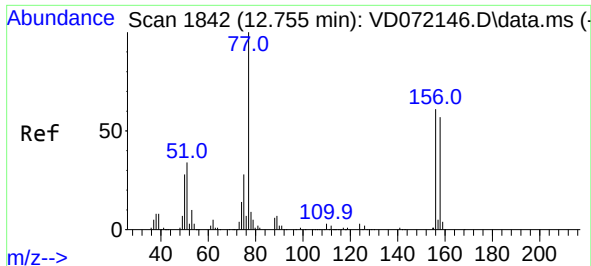
Tgt Ion: 83 Resp: 624467
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 64.8 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 240.468 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 75 Resp: 831875
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

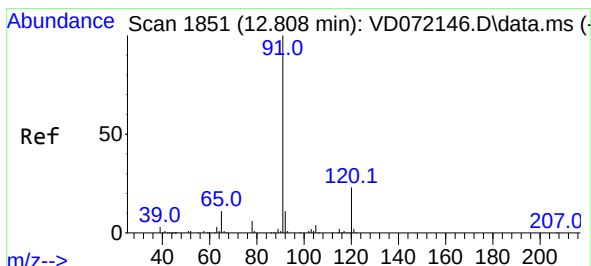
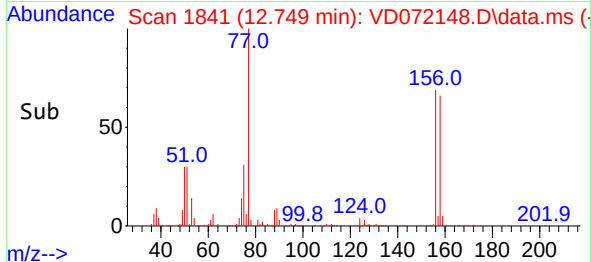
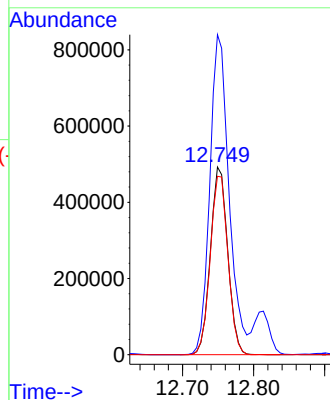
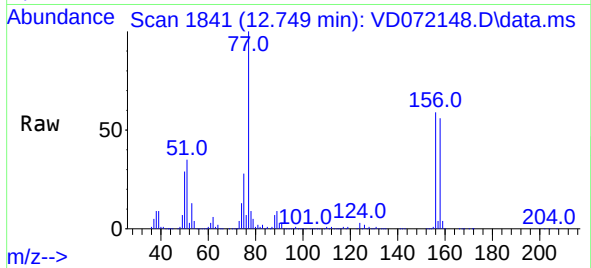




#77
Bromobenzene
Concen: 147.547 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

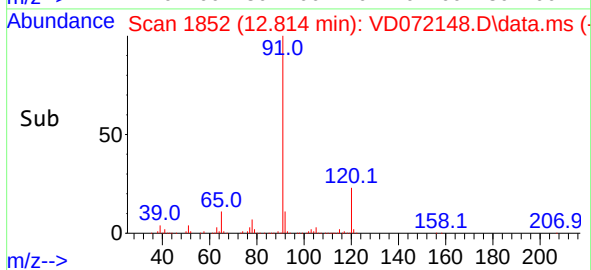
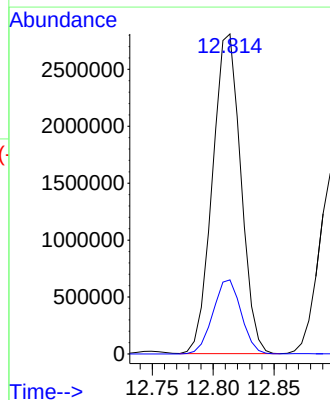
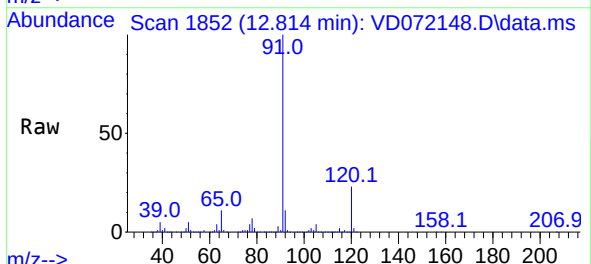
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

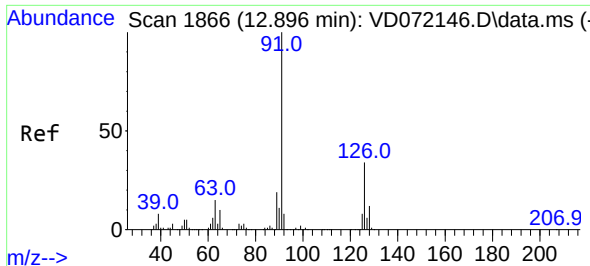
Tgt Ion:156 Resp: 835891
Ion Ratio Lower Upper
156 100
77 187.9 102.8 308.3
158 97.1 48.7 146.1



#78
n-propylbenzene
Concen: 143.281 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 91 Resp: 4555747
Ion Ratio Lower Upper
91 100
120 23.0 10.9 32.9

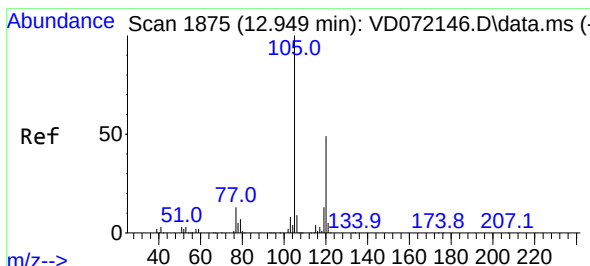
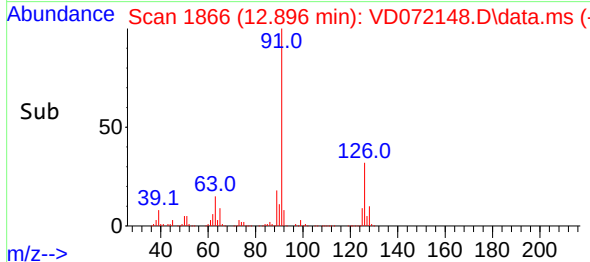
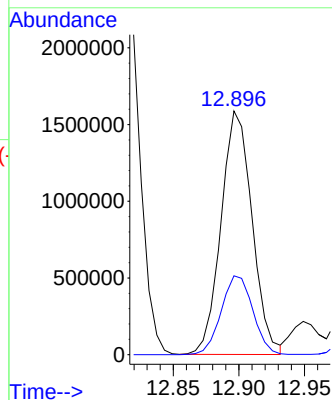
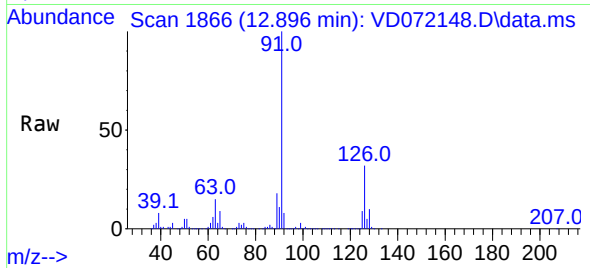




#79
2-Chlorotoluene
Concen: 145.339 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

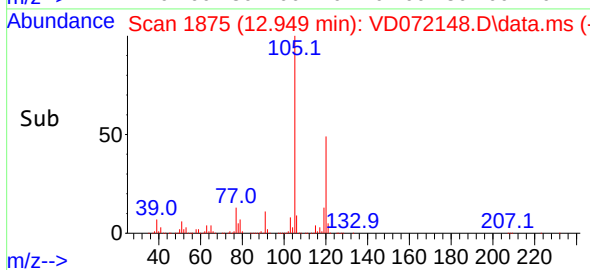
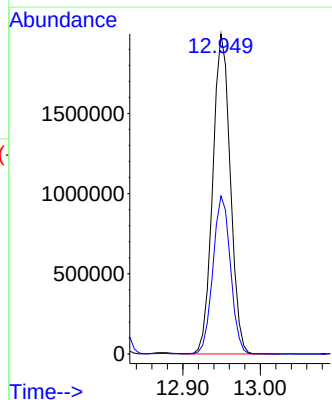
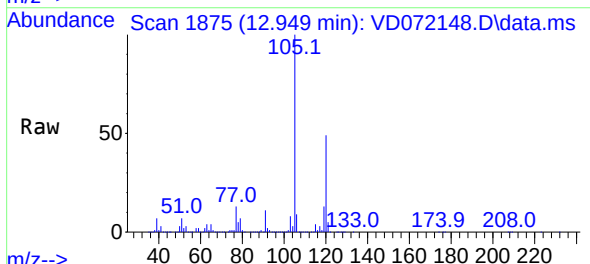
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

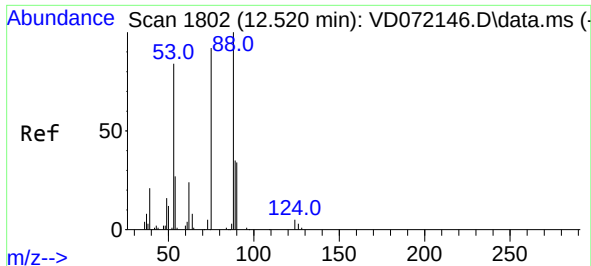
Tgt Ion: 91 Resp: 2616881
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 148.231 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:105 Resp: 3138855
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

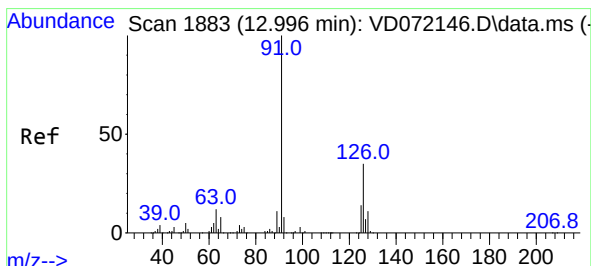
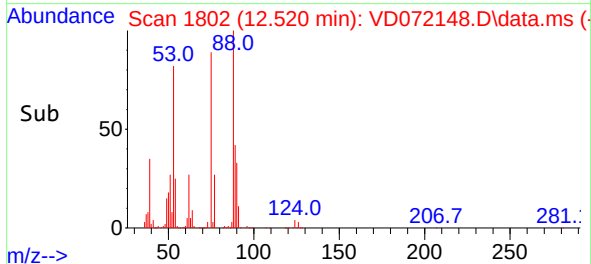
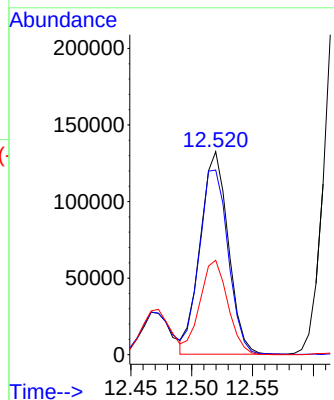
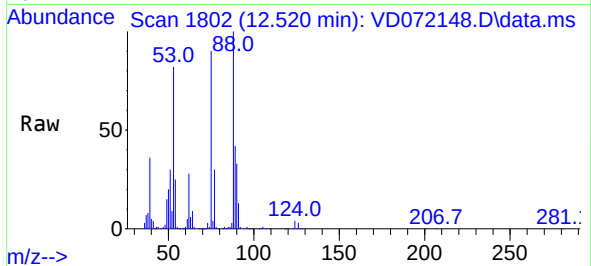




#81
trans-1,4-Dichloro-2-butene
Concen: 151.968 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

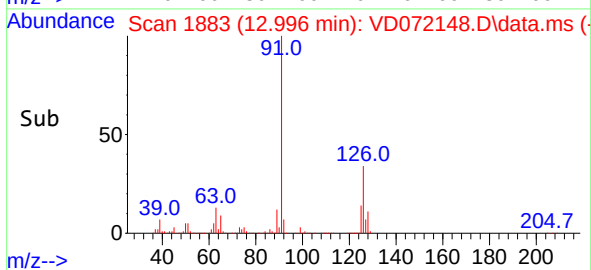
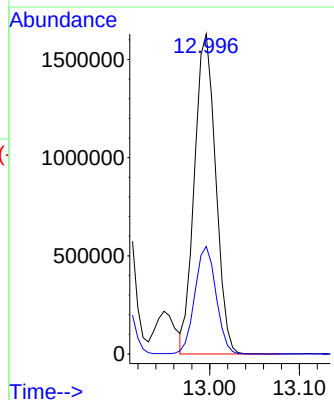
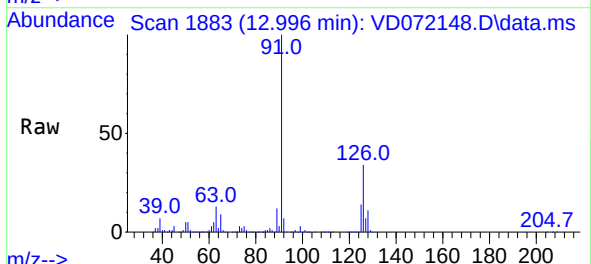
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

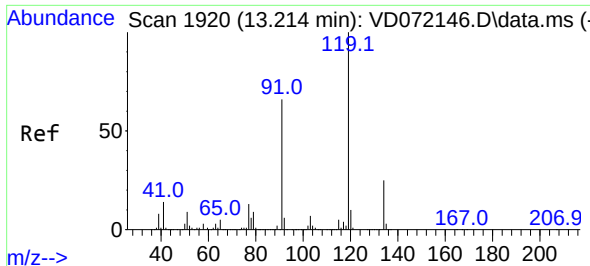
Tgt Ion: 75 Resp: 211853
Ion Ratio Lower Upper
75 100
53 94.4 86.5 129.7
89 46.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 142.389 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 91 Resp: 2670666
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

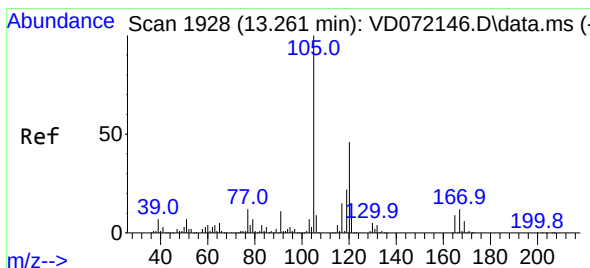
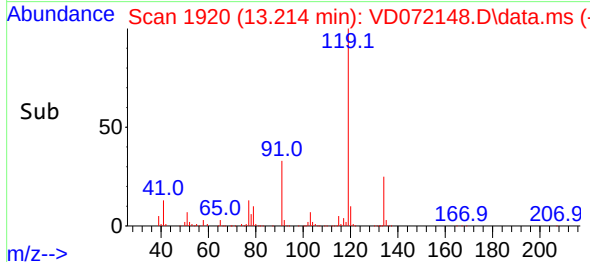
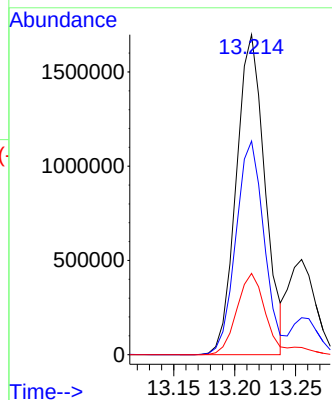
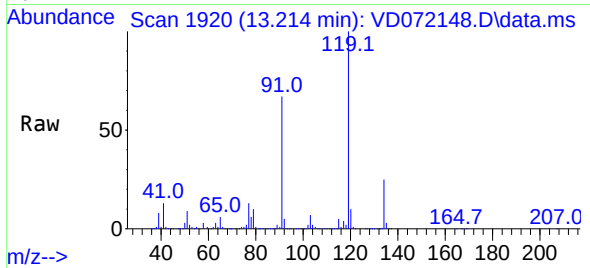




#83
tert-Butylbenzene
Concen: 156.134 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

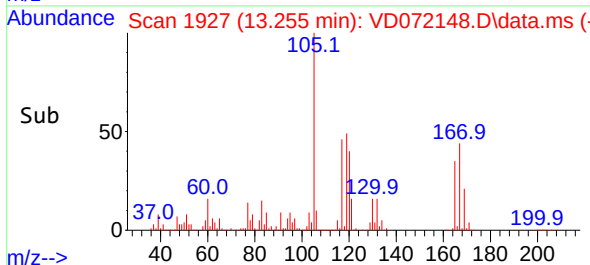
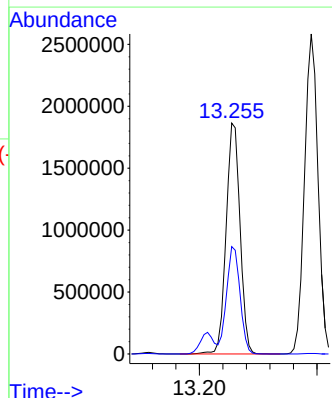
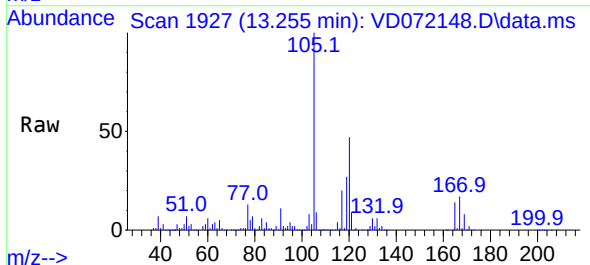
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

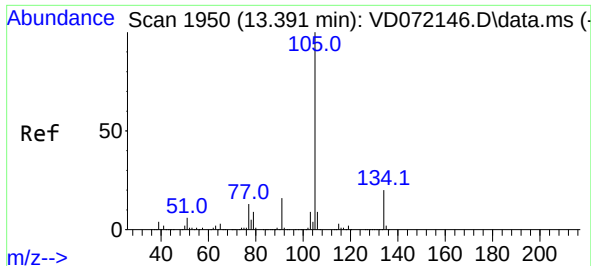
Tgt Ion:119 Resp: 2773931
Ion Ratio Lower Upper
119 100
91 66.9 34.8 104.5
134 26.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 147.193 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:105 Resp: 3060826
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8

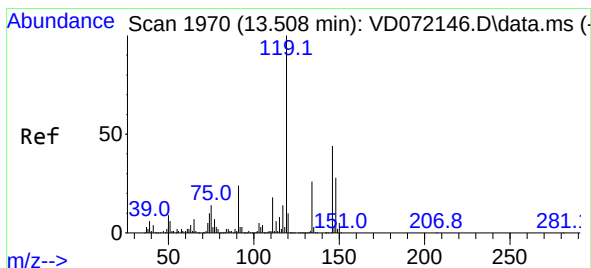
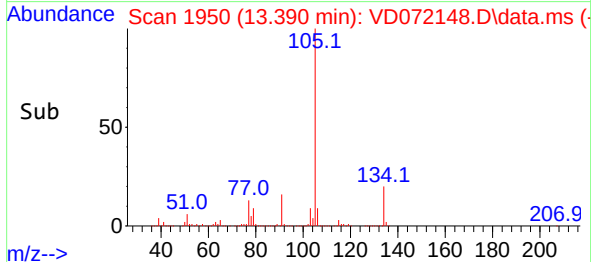
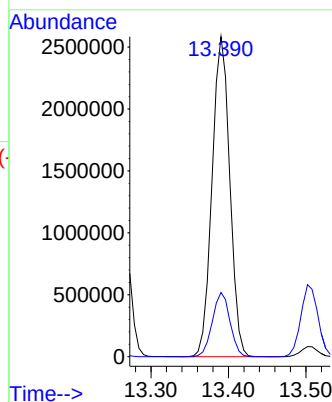
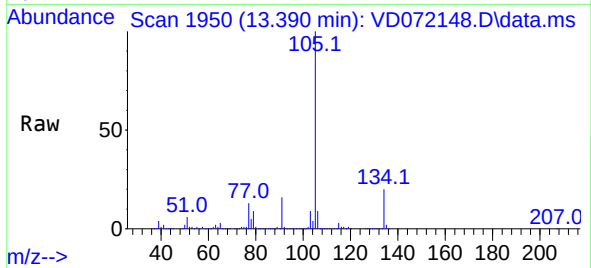




#85
 sec-Butylbenzene
 Concen: 148.350 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072148.D
 Acq: 11 Mar 2022 13:31

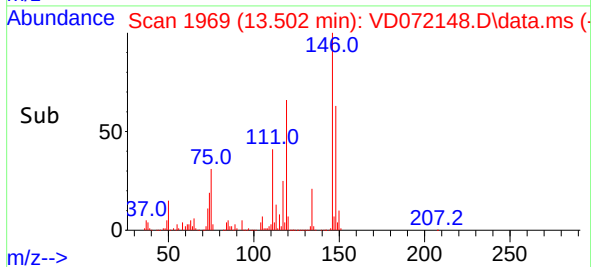
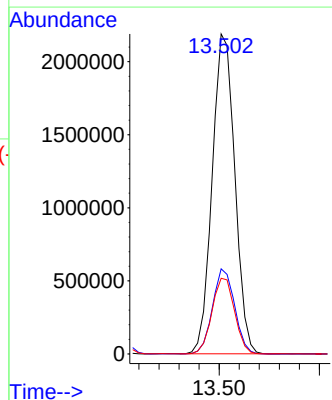
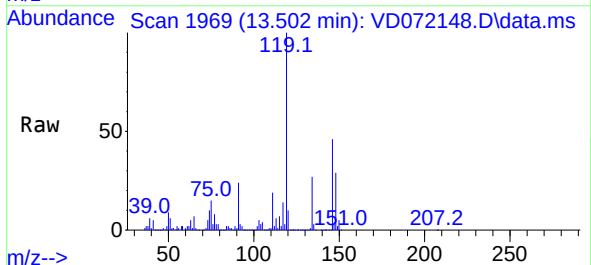
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

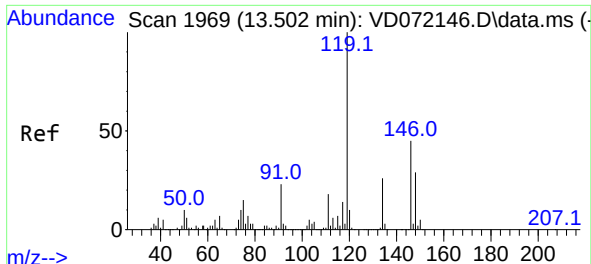
Tgt Ion:105 Resp: 4106607
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 151.947 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072148.D
 Acq: 11 Mar 2022 13:31

Tgt Ion:119 Resp: 3417523
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 23.7 12.1 36.3

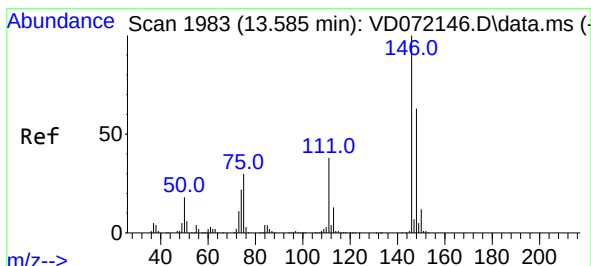
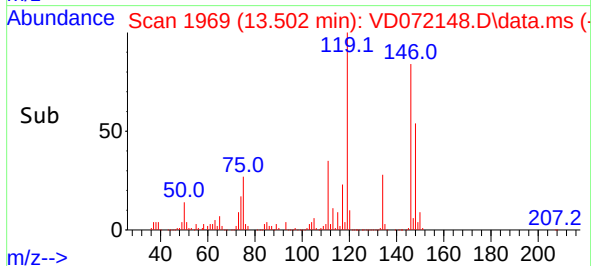
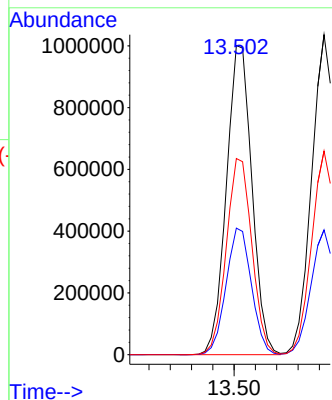
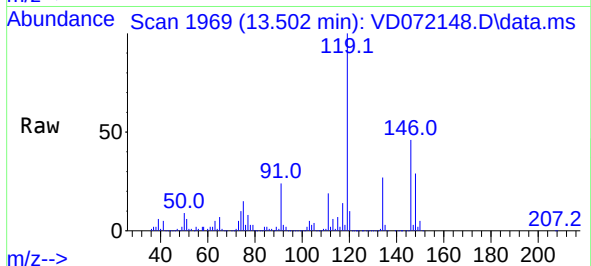




#87
1,3-Dichlorobenzene
Concen: 144.485 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

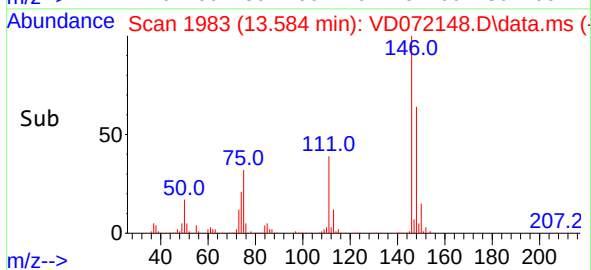
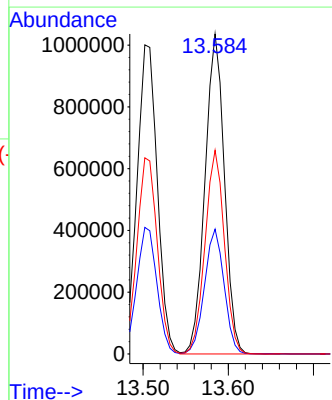
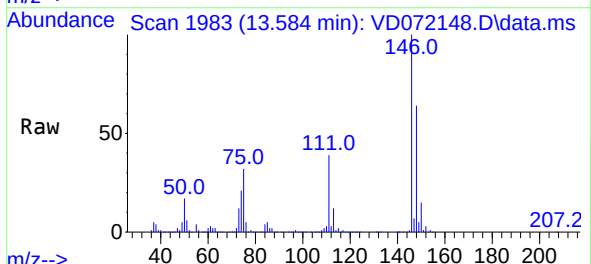
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

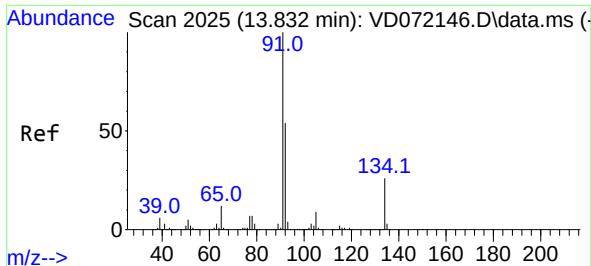
Tgt Ion:146 Resp: 1667465
Ion Ratio Lower Upper
146 100
111 40.6 20.4 61.3
148 63.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 142.143 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:146 Resp: 1638264
Ion Ratio Lower Upper
146 100
111 39.2 20.3 60.9
148 63.6 31.7 95.1

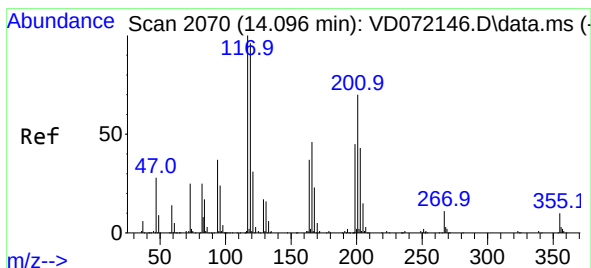
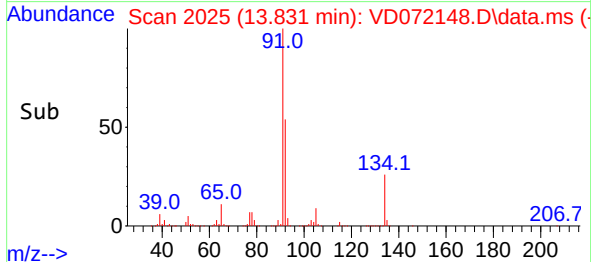
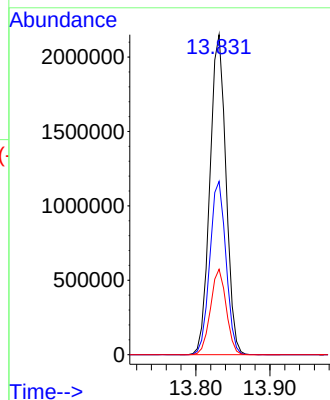
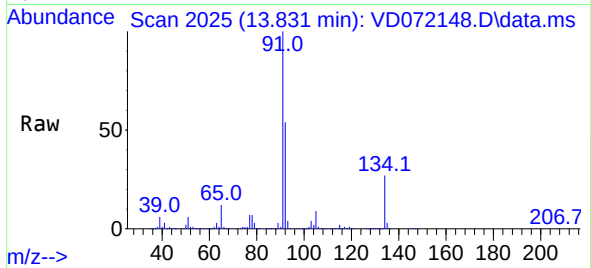




#89
n-Butylbenzene
Concen: 146.857 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

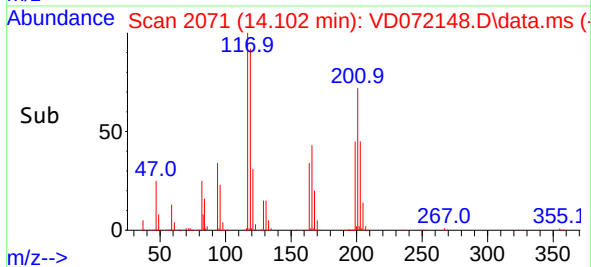
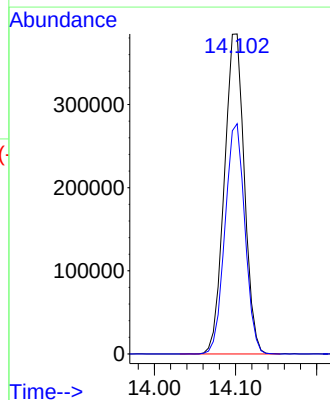
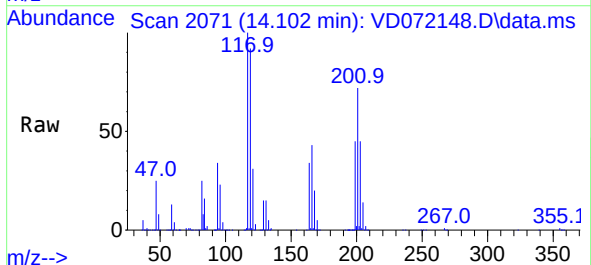
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

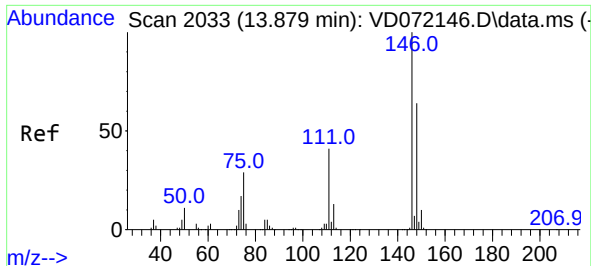
Tgt Ion: 91 Resp: 3239445
Ion Ratio Lower Upper
91 100
92 54.5 26.6 79.8
134 26.1 12.3 36.9



#90
Hexachloroethane
Concen: 148.172 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 117 Resp: 660888
Ion Ratio Lower Upper
117 100
201 71.3 33.4 100.2

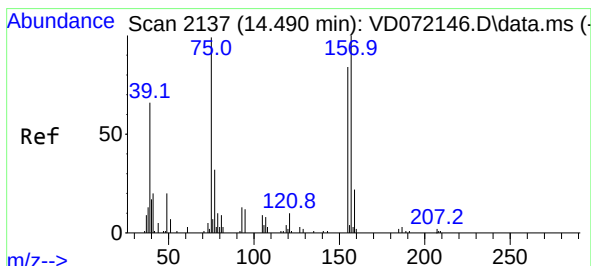
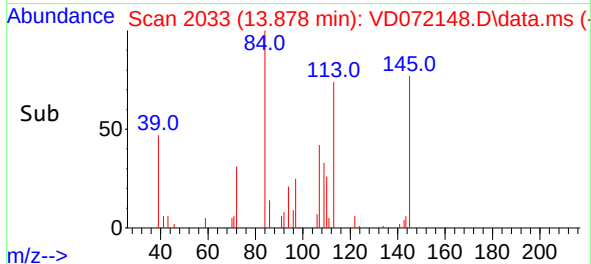
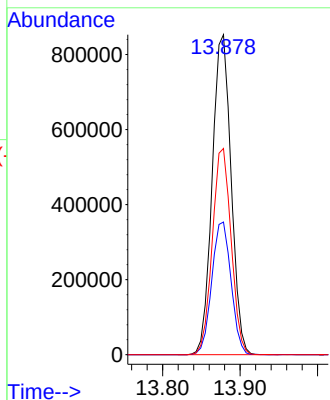
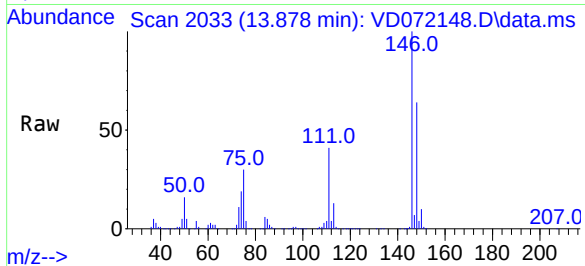




#91
1,2-Dichlorobenzene
Concen: 146.458 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

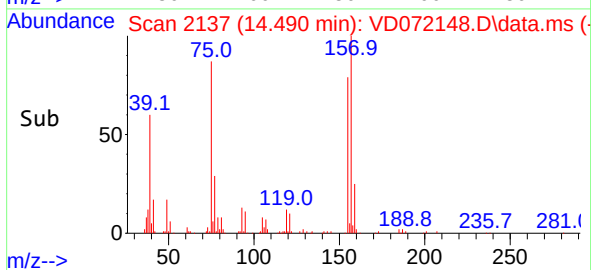
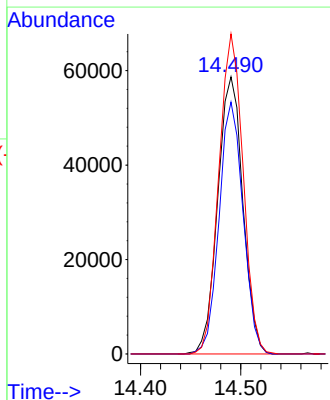
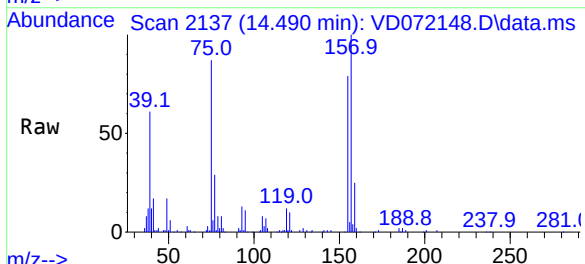
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

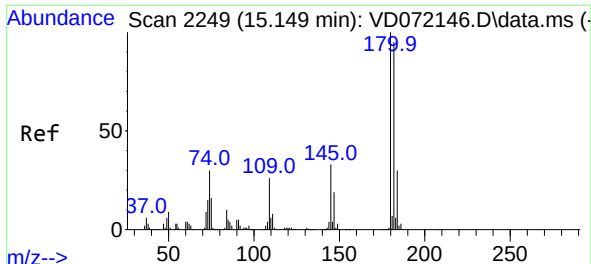
Tgt Ion:146 Resp: 1445968
Ion Ratio Lower Upper
146 100
111 42.2 21.1 63.3
148 64.3 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 133.652 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion: 75 Resp: 102114
Ion Ratio Lower Upper
75 100
155 86.6 36.8 110.3
157 111.5 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 164.594 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. -0.006 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

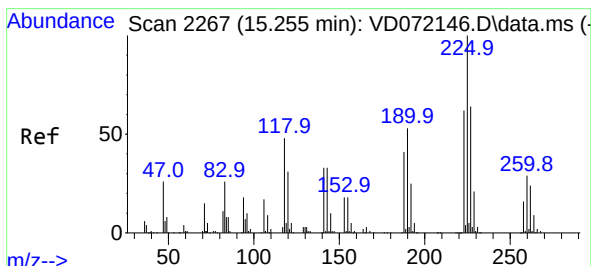
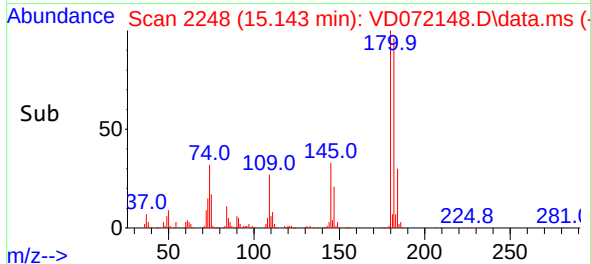
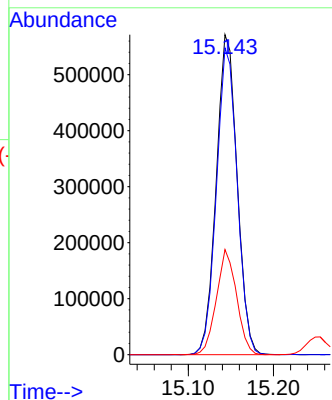
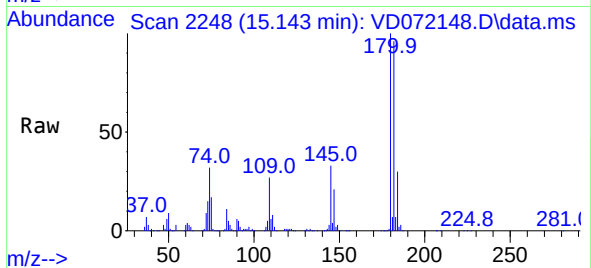
Tgt Ion:180 Resp: 974366

Ion Ratio Lower Upper

180 100

182 95.6 47.3 142.0

145 31.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 163.305 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072148.D

Acq: 11 Mar 2022 13:31

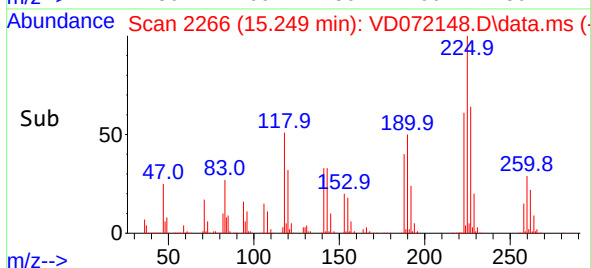
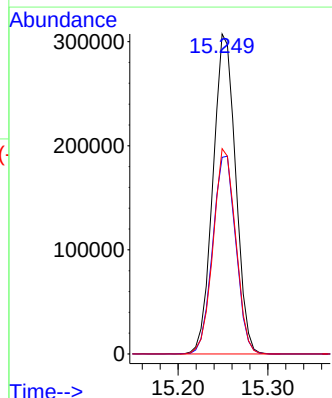
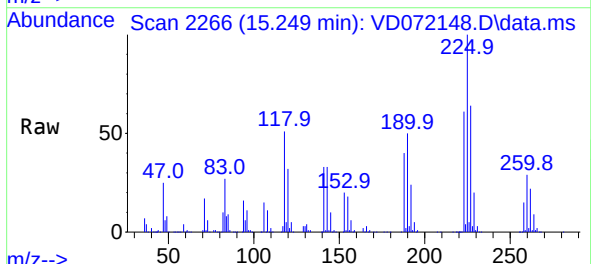
Tgt Ion:225 Resp: 539390

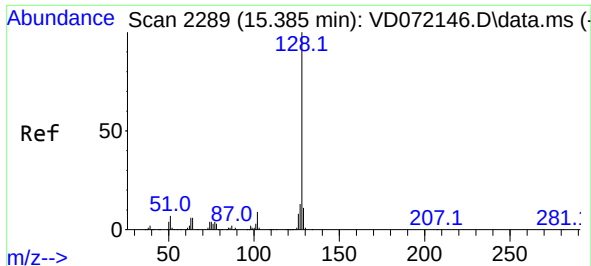
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

227 63.7 32.4 97.0

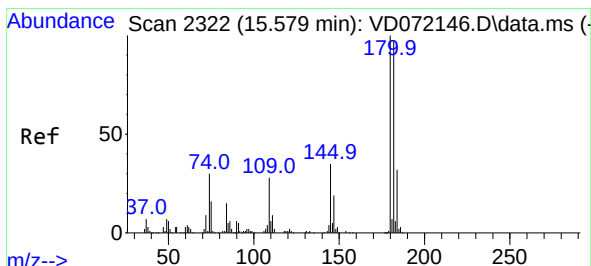
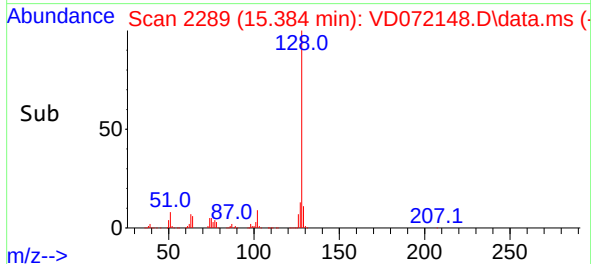
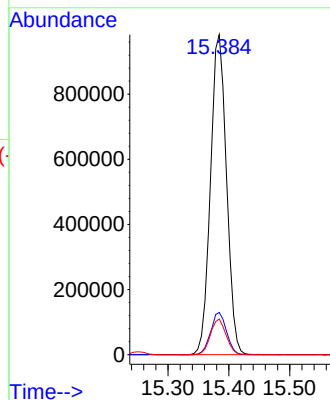
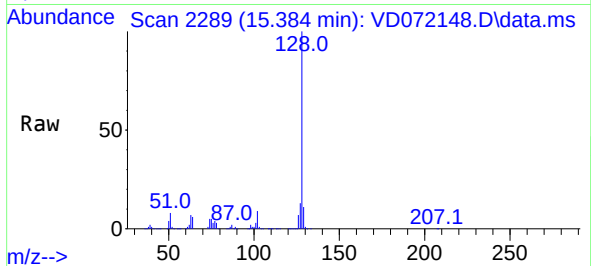




#95
Naphthalene
Concen: 171.326 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 1793755
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 167.857 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072148.D
Acq: 11 Mar 2022 13:31

Tgt Ion:180 Resp: 848296
Ion Ratio Lower Upper
180 100
182 93.6 47.6 142.9
145 33.5 17.1 51.3

