

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010522\Not Reviewed Data\
 Data File : VW021732.D
 Acq On : 05 Jan 2022 14:23
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Quant Time: Jan 05 15:03:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 05 14:56:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	160605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	239260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	221591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	115567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	196635	138.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	277.840%#
35) Dibromofluoromethane	7.884	113	228896	153.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	307.420%#
50) Toluene-d8	10.323	98	834313	154.801	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	309.600%#
62) 4-Bromofluorobenzene	12.621	95	299939	149.928	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	299.860%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	54276	153.743	ug/l	97
3) Chloromethane	2.221	50	151371	129.036	ug/l	97
4) Vinyl Chloride	2.361	62	241008	137.371	ug/l	99
5) Bromomethane	2.739	94	206679	115.031	ug/l	98
6) Chloroethane	2.910	64	137178	141.353	ug/l	100
7) Trichlorofluoromethane	3.251	101	160109	137.623	ug/l	98
8) Diethyl Ether	3.684	74	94783	144.224	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.062	101	216126	139.816	ug/l	97
10) Methyl Iodide	4.269	142	325334	148.947	ug/l	100
11) Tert butyl alcohol	5.165	59	56138	752.709	ug/l #	87
12) 1,1-Dichloroethene	4.043	96	205583	143.753	ug/l	91
13) Acrolein	3.897	56	45660	762.784	ug/l	93
14) Allyl chloride	4.671	41	260049	148.133	ug/l	94
15) Acrylonitrile	5.366	53	188901	736.166	ug/l	99
16) Acetone	4.123	43	209043	782.087	ug/l	98
17) Carbon Disulfide	4.379	76	551827	155.583	ug/l	99
18) Methyl Acetate	4.671	43	119267	138.161	ug/l	92
19) Methyl tert-butyl Ether	5.434	73	304666	139.681	ug/l	97
20) Methylene Chloride	4.915	84	222076	149.060	ug/l	89
21) trans-1,2-Dichloroethene	5.427	96	232215	141.180	ug/l	91
22) Diisopropyl ether	6.311	45	516480	143.460	ug/l	97
23) Vinyl Acetate	6.257	43	1428995	759.213	ug/l	96
24) 1,1-Dichloroethane	6.214	63	360292	140.529	ug/l	100
25) 2-Butanone	7.171	43	258449	753.226	ug/l #	90
26) 2,2-Dichloropropane	7.165	77	248133	143.316	ug/l	97
27) cis-1,2-Dichloroethene	7.171	96	256642	142.599	ug/l	94
28) Bromochloromethane	7.512	49	132594	132.206	ug/l	84
29) Tetrahydrofuran	7.531	42	146137	722.116	ug/l	93
30) Chloroform	7.677	83	400296	138.815	ug/l	97
31) Cyclohexane	7.957	56	322448	130.969	ug/l	96
32) 1,1,1-Trichloroethane	7.872	97	364263	143.604	ug/l	97
36) 1,1-Dichloropropene	8.085	75	309575	146.271	ug/l	99
37) Ethyl Acetate	7.250	43	105404	150.929	ug/l	98
38) Carbon Tetrachloride	8.073	117	354716	155.160	ug/l	96
39) Methylcyclohexane	9.335	83	408946	151.667	ug/l	96
40) Benzene	8.323	78	855017	142.052	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	65244	163.045	ug/l	94
42) 1,2-Dichloroethane	8.402	62	235678	143.431	ug/l	97
43) Isopropyl Acetate	8.421	43	204437	156.770	ug/l	92
44) Trichloroethene	9.091	130	278058	151.927	ug/l	97
45) 1,2-Dichloropropane	9.372	63	193353	146.613	ug/l	97
46) Dibromomethane	9.457	93	124126	149.735	ug/l	97
47) Bromodichloromethane	9.646	83	293797	155.428	ug/l	99
48) Methyl methacrylate	9.433	41	98826	160.923	ug/l	93
49) 1,4-Dioxane	9.445	88	31926	3263.354	ug/l #	94
51) 4-Methyl-2-Pentanone	10.207	43	529297	764.308	ug/l	94
52) Toluene	10.390	92	589007	149.391	ug/l	99
53) t-1,3-Dichloropropene	10.603	75	290967	169.642	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	335654	163.980	ug/l	92
55) 1,1,2-Trichloroethane	10.786	97	166608	150.130	ug/l	97
56) Ethyl methacrylate	10.646	69	198128	166.571	ug/l #	88
57) 1,3-Dichloropropane	10.932	76	272899	149.174	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	439594	771.405	ug/l	96
59) 2-Hexanone	10.969	43	384468	803.908	ug/l	93
60) Dibromochloromethane	11.128	129	222768	166.950	ug/l	100
61) 1,2-Dibromoethane	11.237	107	173364	157.764	ug/l	97
64) Tetrachloroethene	10.865	164	233556	152.776	ug/l	92
65) Chlorobenzene	11.658	112	675956	151.659	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	246230	158.205	ug/l	96
67) Ethyl Benzene	11.731	91	1145872	151.647	ug/l	99
68) m/p-Xylenes	11.841	106	949681	306.087	ug/l	94
69) o-Xylene	12.164	106	463012	158.167	ug/l	92
70) Styrene	12.182	104	754647	159.911	ug/l	97
71) Bromoform	12.347	173	138056	151.401	ug/l #	97
73) Isopropylbenzene	12.463	105	1222416	154.713	ug/l	99
74) N-amyl acetate	12.274	43	192104	160.411	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.713	83	170726	144.525	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	218789	255.951	ug/l #	100
77) Bromobenzene	12.749	156	296212	155.788	ug/l	88
78) n-propylbenzene	12.804	91	1407229	150.574	ug/l	98
79) 2-Chlorotoluene	12.889	91	776335	146.780	ug/l	96
80) 1,3,5-Trimethylbenzene	12.938	105	1018479	151.168	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.511	75	53222	176.656	ug/l	92
82) 4-Chlorotoluene	12.987	91	808489	146.927	ug/l	92
83) tert-Butylbenzene	13.206	119	937977	154.256	ug/l	94
84) 1,2,4-Trimethylbenzene	13.249	105	978039	148.270	ug/l	95
85) sec-Butylbenzene	13.383	105	1319253	149.461	ug/l	97
86) p-Isopropyltoluene	13.499	119	1116010	151.036	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	576504	151.263	ug/l	98
88) 1,4-Dichlorobenzene	13.572	146	574284	147.796	ug/l	98
89) n-Butylbenzene	13.822	91	988445	147.526	ug/l	96
90) Hexachloroethane	14.090	117	197883	163.531	ug/l	90
91) 1,2-Dichlorobenzene	13.865	146	508958	149.450	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.481	75	26867	146.391	ug/l	88
93) 1,2,4-Trichlorobenzene	15.133	180	343055	158.984	ug/l	99
94) Hexachlorobutadiene	15.231	225	177326	138.280	ug/l	98
95) Naphthalene	15.359	128	580013	161.725	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	281200	155.079	ug/l	95

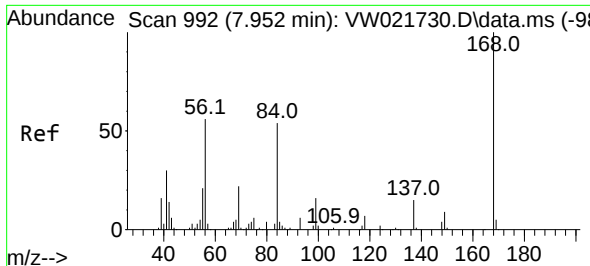
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Response via : Initial Calibration

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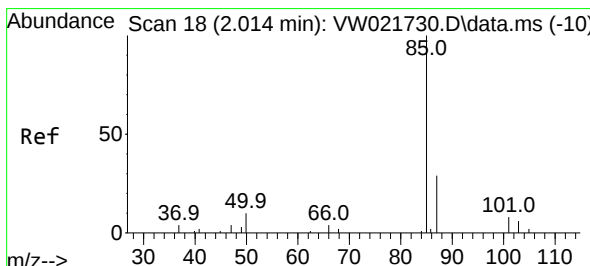
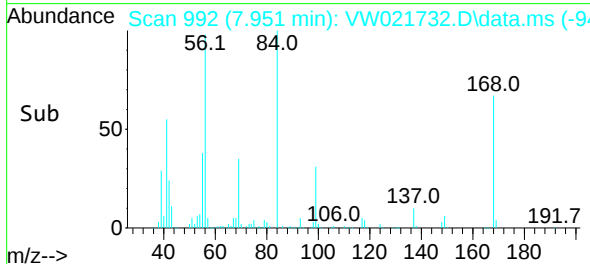
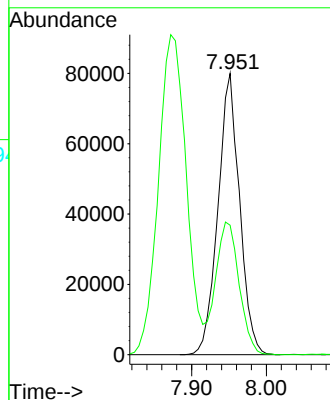
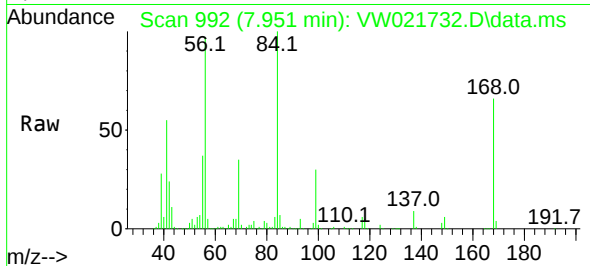
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 99
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

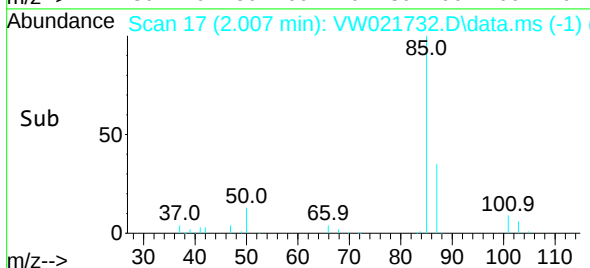
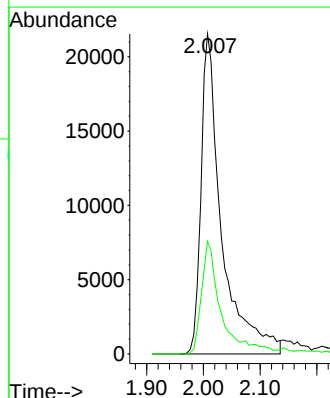
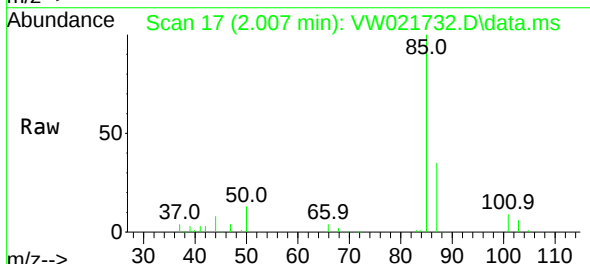
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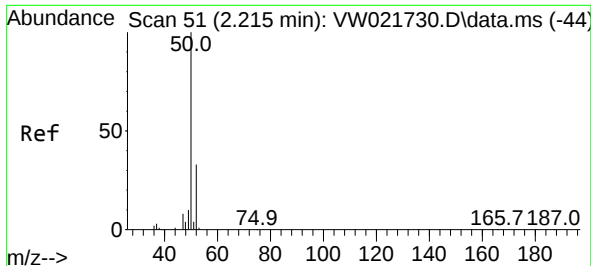
Tgt Ion:168 Resp: 160605
Ion Ratio Lower Upper
168 100
99 46.0 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 153.743 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 85 Resp: 54276
Ion Ratio Lower Upper
85 100
87 35.2 16.8 50.3

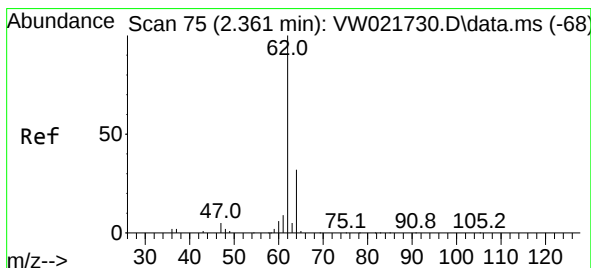
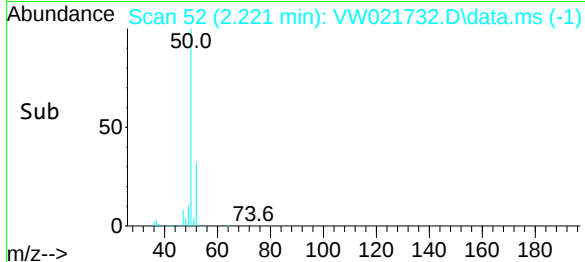
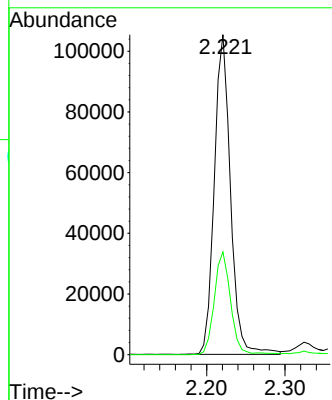
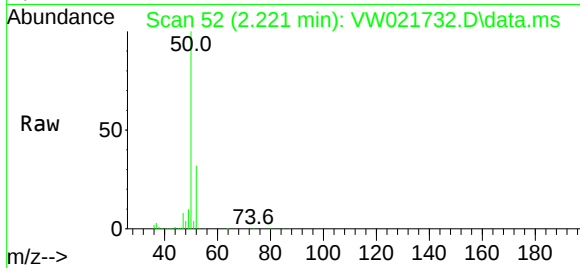




#3
Chloromethane
Concen: 129.036 ug/l
RT: 2.221 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

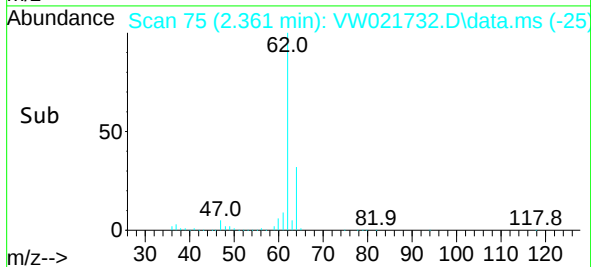
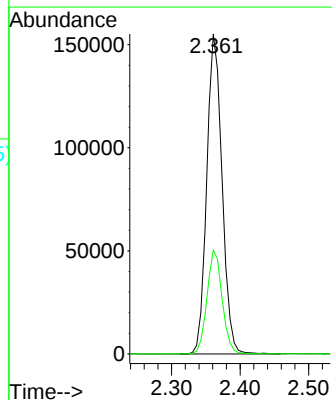
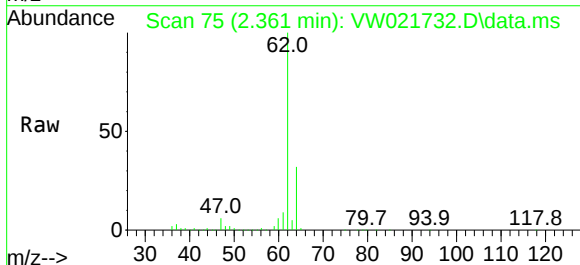
Instrument :
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ClientSampleId :
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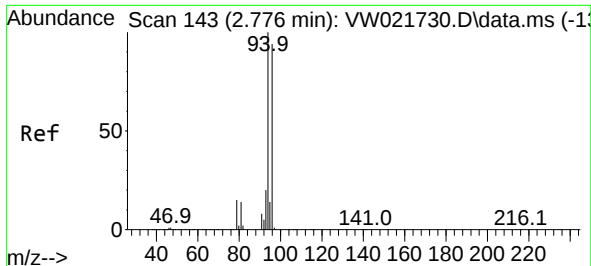
Tgt Ion: 50 Resp: 151371
Ion Ratio Lower Upper
50 100
52 32.1 27.2 40.8



#4
Vinyl Chloride
Concen: 137.371 ug/l
RT: 2.361 min Scan# 75
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 62 Resp: 241008
Ion Ratio Lower Upper
62 100
64 32.4 26.2 39.4

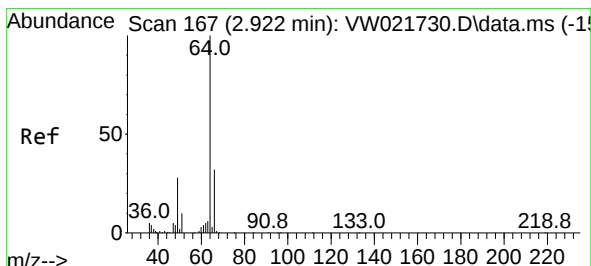
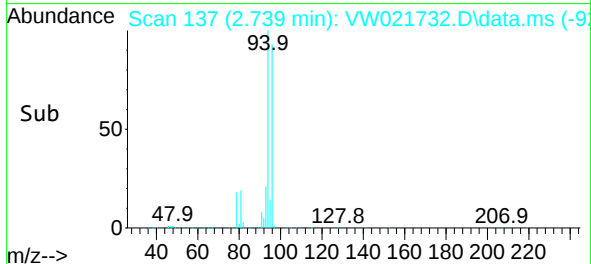
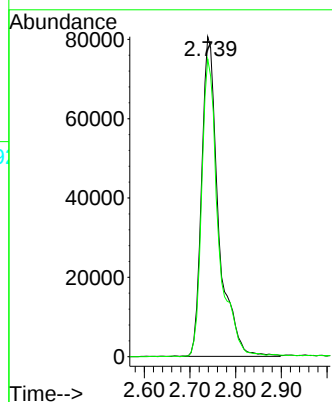
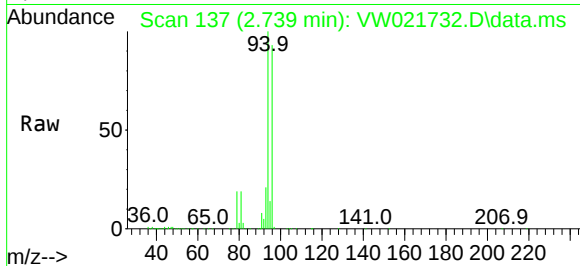




#5
Bromomethane
Concen: 115.031 ug/l
RT: 2.739 min Scan# 11
Delta R.T. -0.024 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

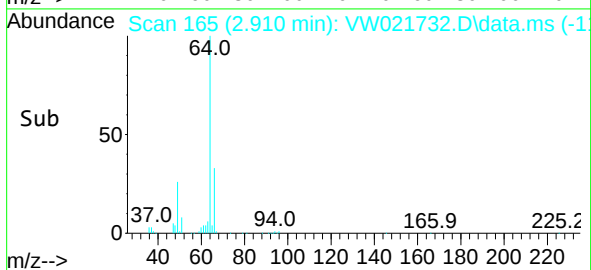
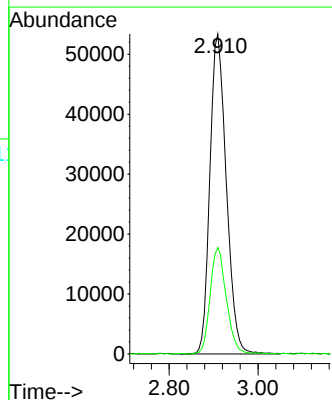
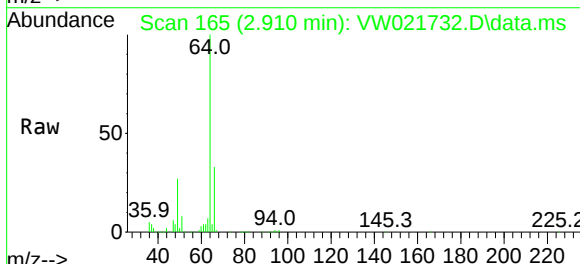
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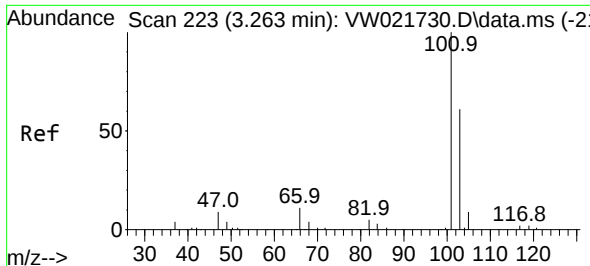
Tgt Ion: 94 Resp: 206679
Ion Ratio Lower Upper
94 100
96 93.1 76.4 114.6



#6
Chloroethane
Concen: 141.353 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 64 Resp: 137178
Ion Ratio Lower Upper
64 100
66 33.1 26.7 40.1

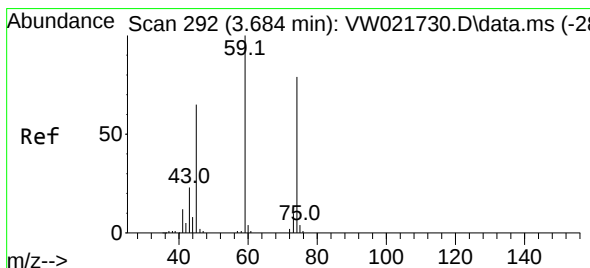
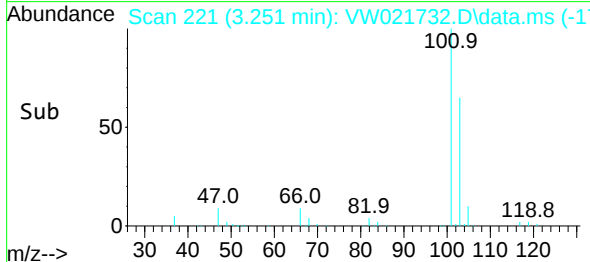
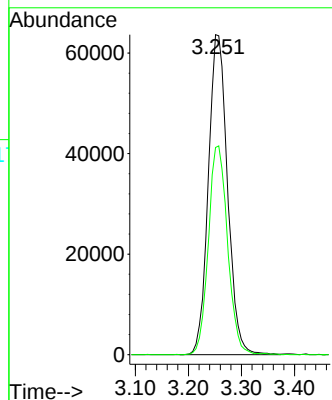
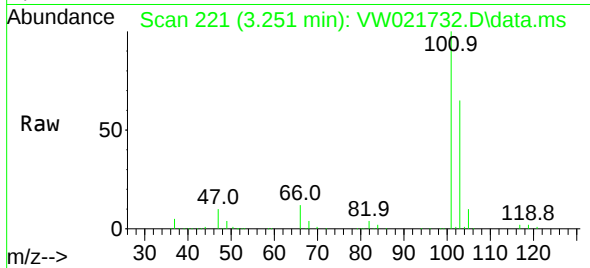




#7
 Trichlorofluoromethane
 Concen: 137.623 ug/l
 RT: 3.251 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW021732.D
 Acq: 05 Jan 2022 14:23

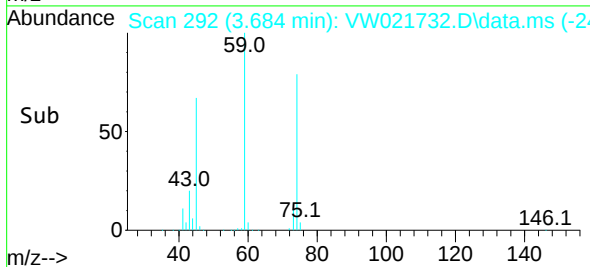
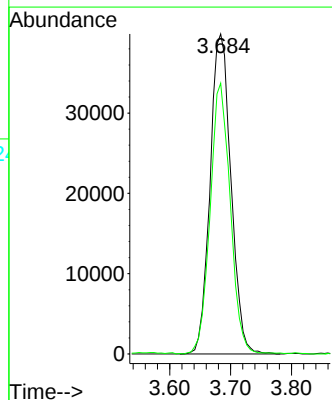
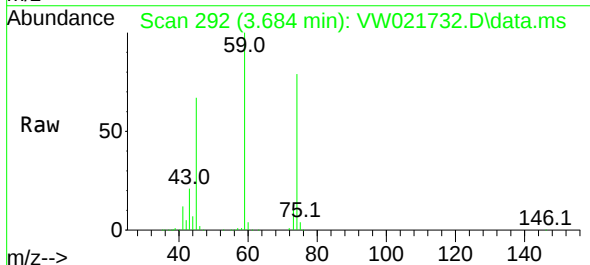
Instrument :
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 ClientSampleId :
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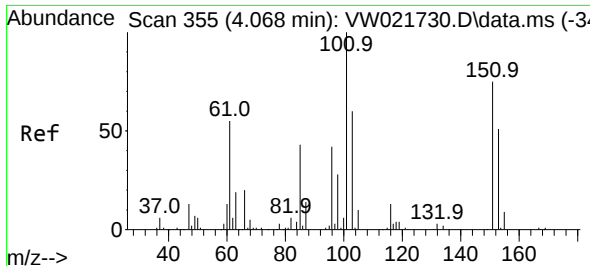
Tgt Ion:101 Resp: 160109
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.9 76.3



#8
 Diethyl Ether
 Concen: 144.224 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.006 min
 Lab File: VW021732.D
 Acq: 05 Jan 2022 14:23

Tgt Ion: 74 Resp: 94783
 Ion Ratio Lower Upper
 74 100
 45 81.9 45.3 135.8

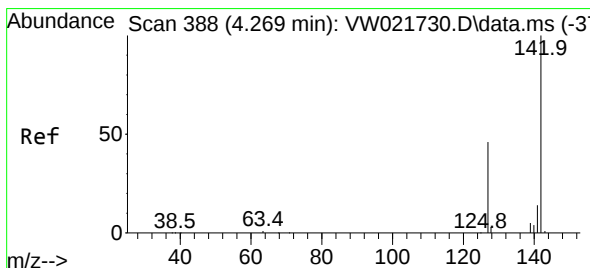
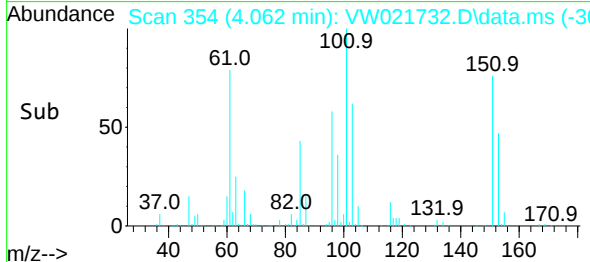
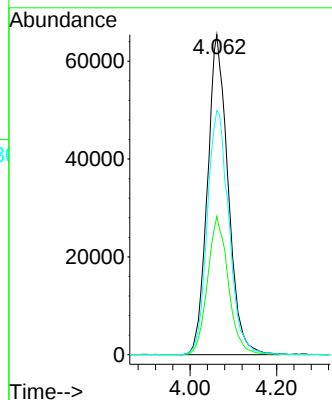
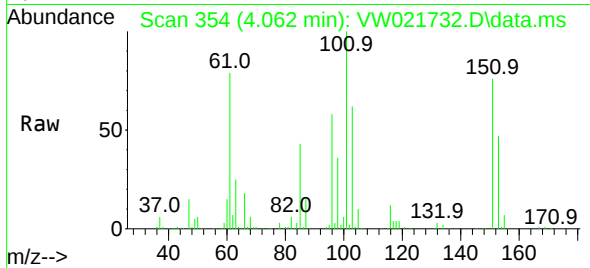




#9
1,1,2-Trichlorotrifluoroethane
Concen: 139.816 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW021732.D
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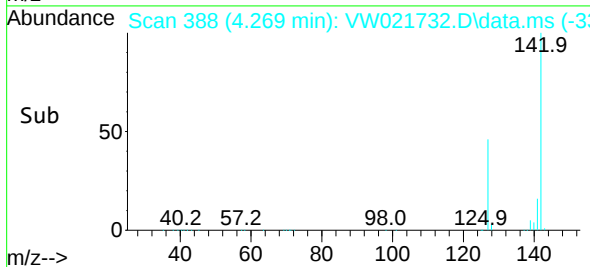
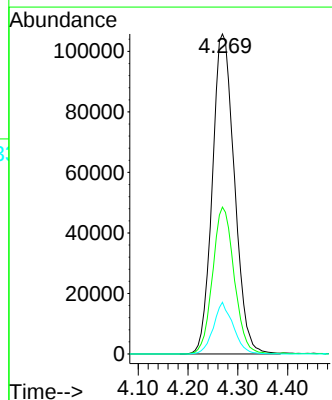
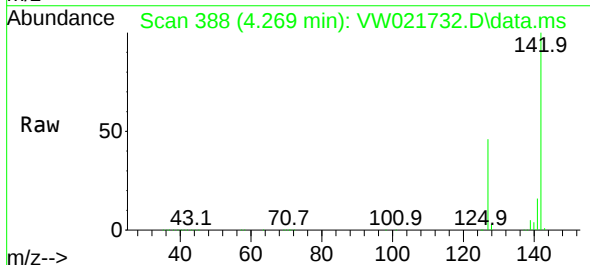
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

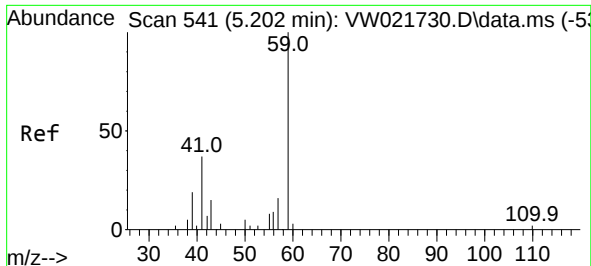
Tgt Ion:101 Resp: 216126
Ion Ratio Lower Upper
101 100
85 43.4 36.6 54.8
151 80.3 66.3 99.5



#10
Methyl Iodide
Concen: 148.947 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion:142 Resp: 325334
Ion Ratio Lower Upper
142 100
127 44.8 35.5 53.3
141 14.5 11.5 17.3

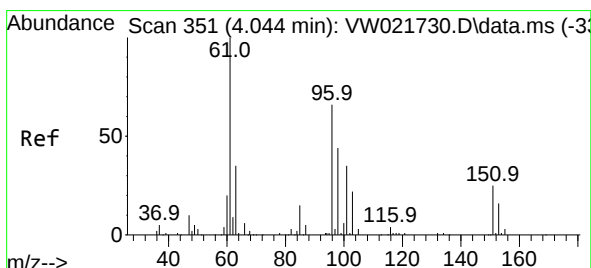
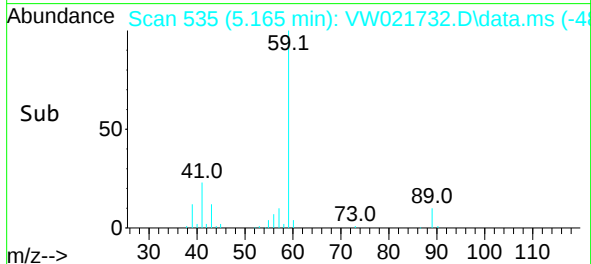
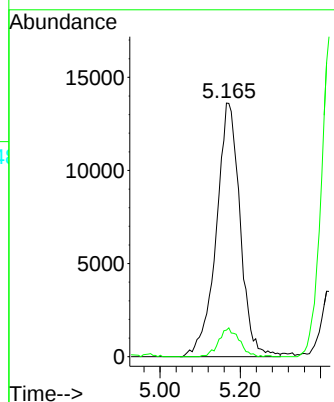
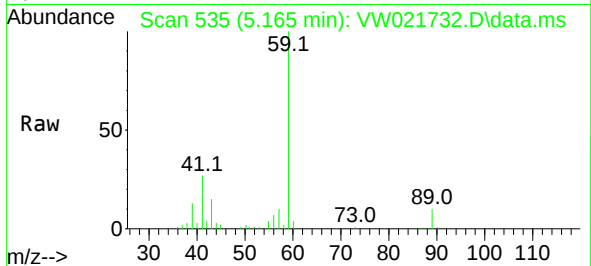




#11
Tert butyl alcohol
Concen: 752.709 ug/l
RT: 5.165 min Scan# 51
Delta R.T. -0.013 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

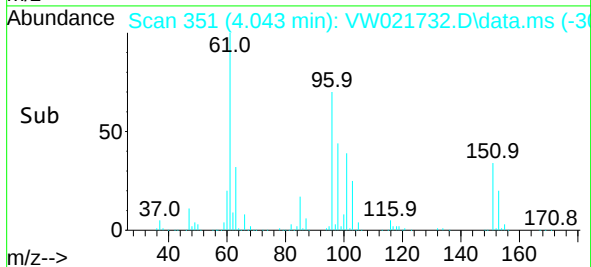
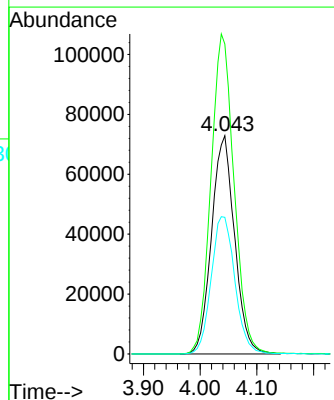
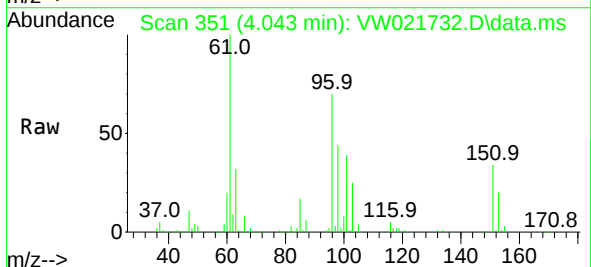
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

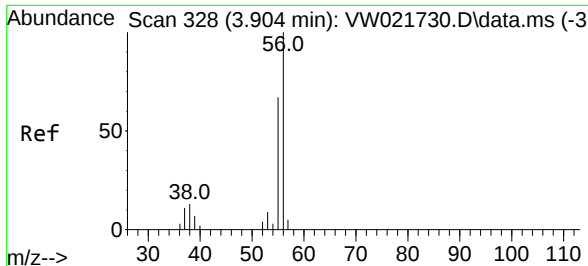
Tgt Ion: 59 Resp: 56138
Ion Ratio Lower Upper
59 100
57 9.7 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 143.753 ug/l
RT: 4.043 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 96 Resp: 205583
Ion Ratio Lower Upper
96 100
61 141.9 124.4 186.6
98 62.6 54.2 81.2

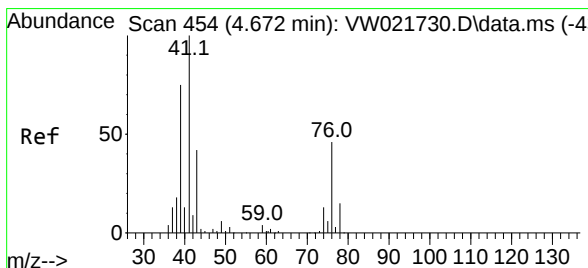
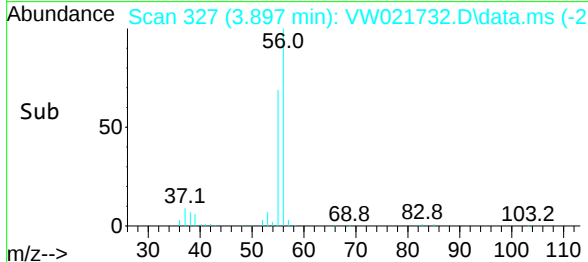
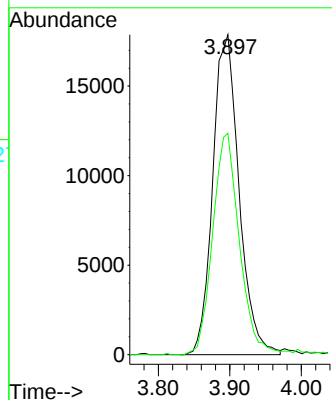
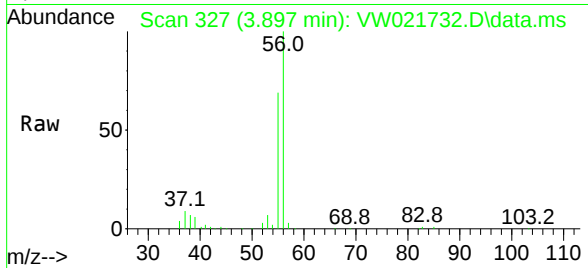




#13
Acrolein
Concen: 762.784 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

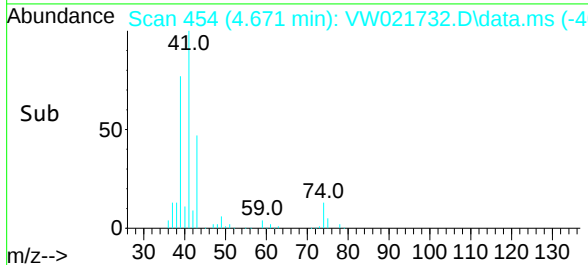
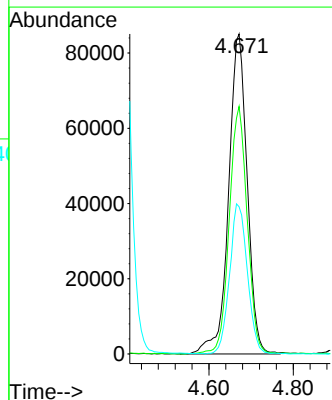
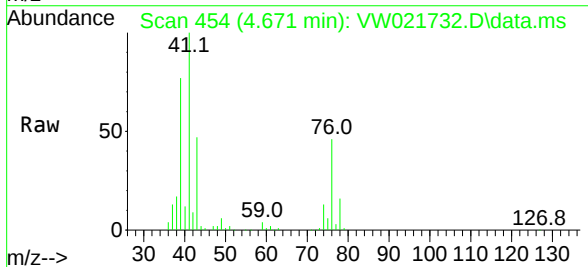
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

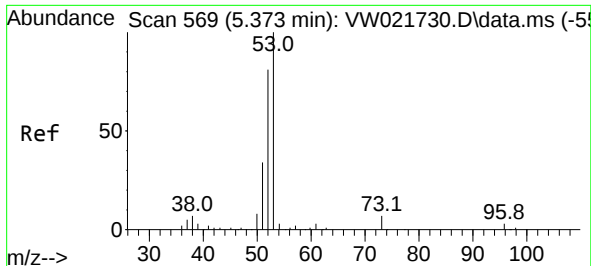
Tgt Ion: 56 Resp: 45660
Ion Ratio Lower Upper
56 100
55 70.3 61.2 91.8



#14
Allyl chloride
Concen: 148.133 ug/l
RT: 4.671 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 41 Resp: 260049
Ion Ratio Lower Upper
41 100
39 75.0 63.4 95.2
76 44.8 32.2 48.4

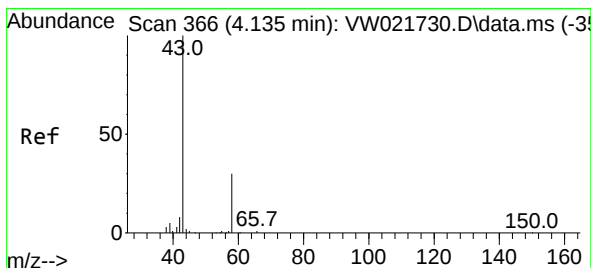
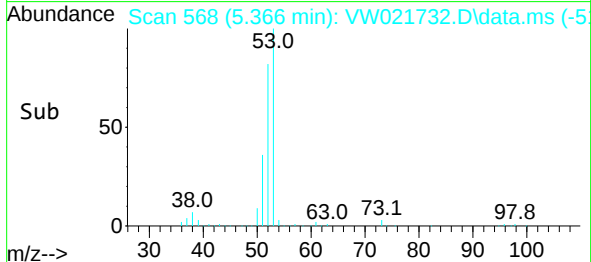
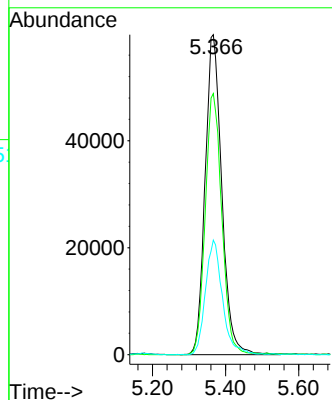
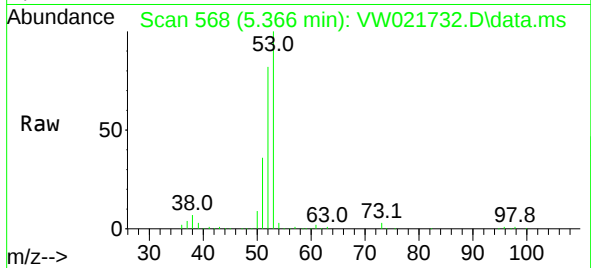




#15
Acrylonitrile
Concen: 736.166 ug/l
RT: 5.366 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

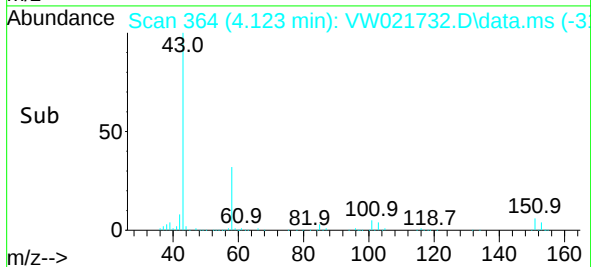
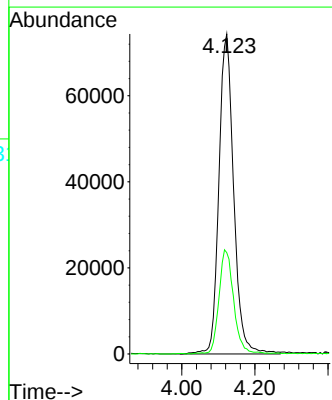
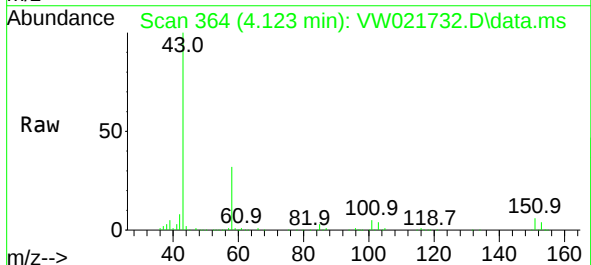
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

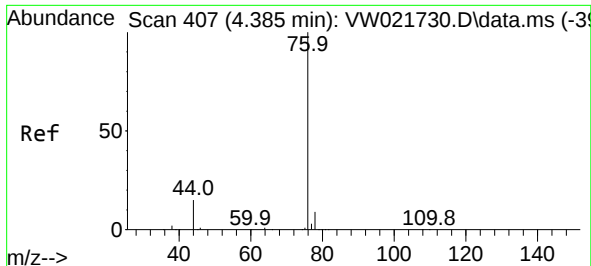
Tgt Ion:	53	Resp:	188901
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.9	98.9
51	36.5	29.8	44.6



#16
Acetone
Concen: 782.087 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion:	43	Resp:	209043
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.2	36.2

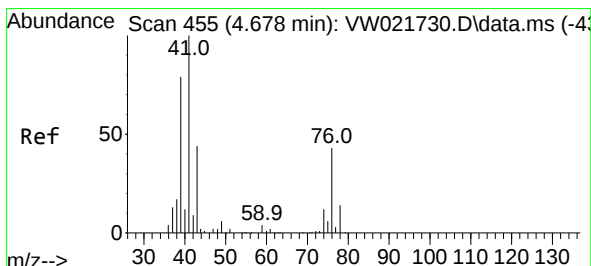
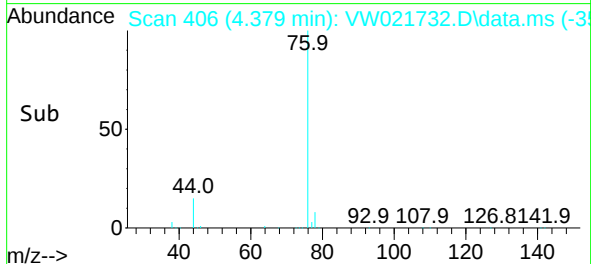
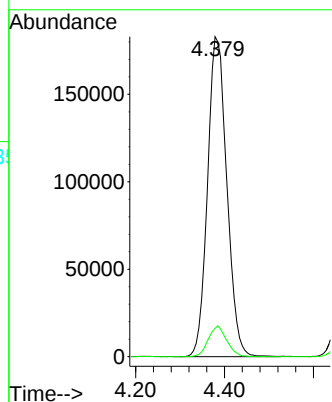
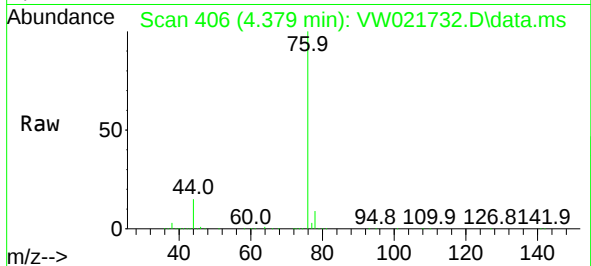




#17
Carbon Disulfide
Concen: 155.583 ug/l
RT: 4.379 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

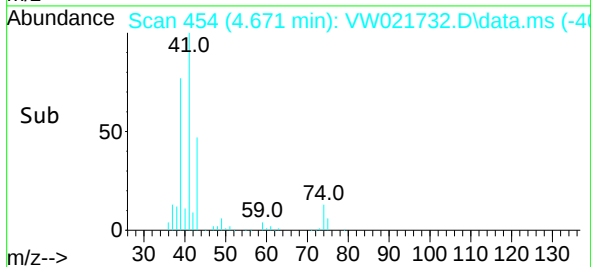
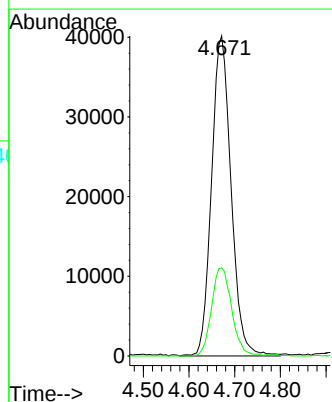
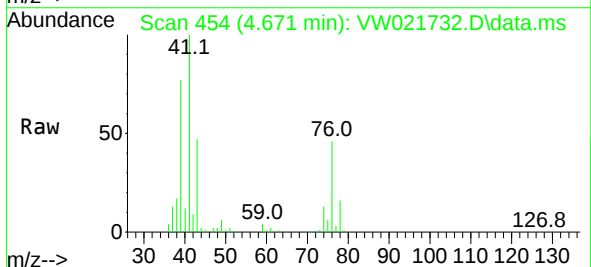
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

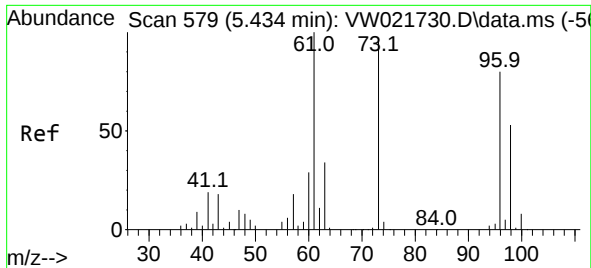
Tgt Ion: 76 Resp: 551827
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 138.161 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.001 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 43 Resp: 119267
Ion Ratio Lower Upper
43 100
74 28.3 19.7 29.5

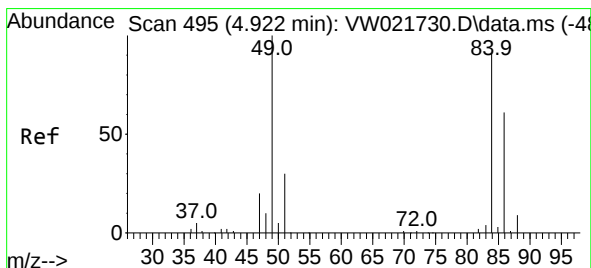
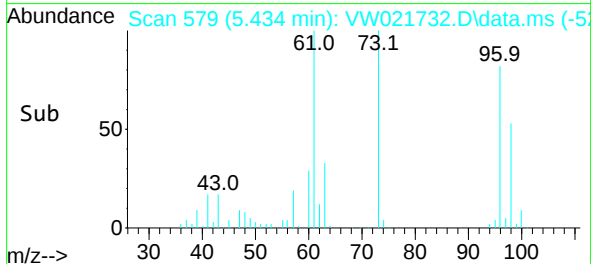
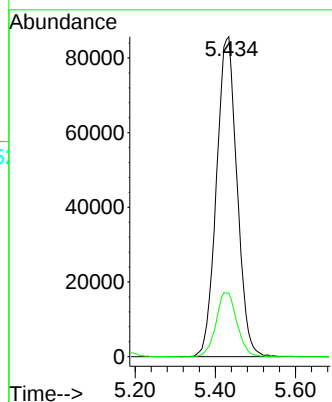
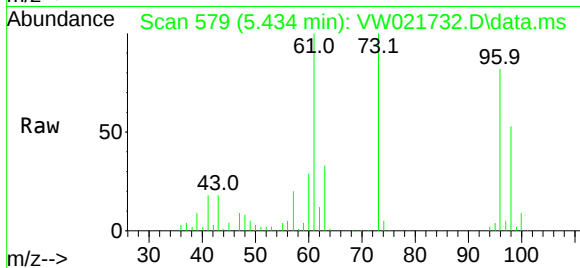




#19
Methyl tert-butyl Ether
Concen: 139.681 ug/l
RT: 5.434 min Scan# 519
Delta R.T. 0.007 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

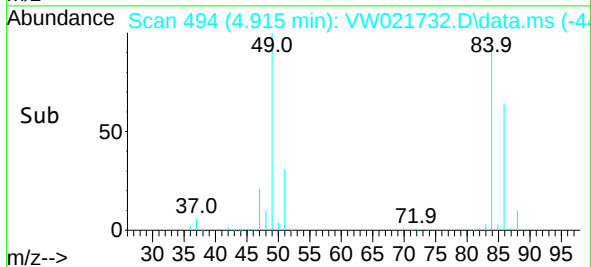
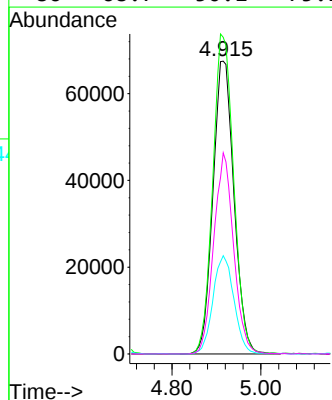
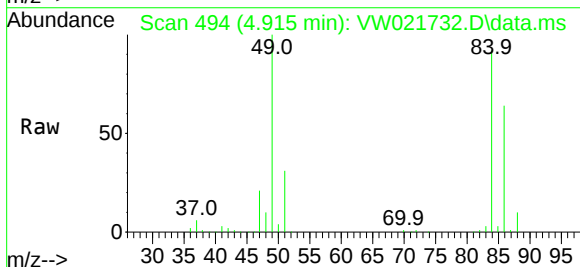
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

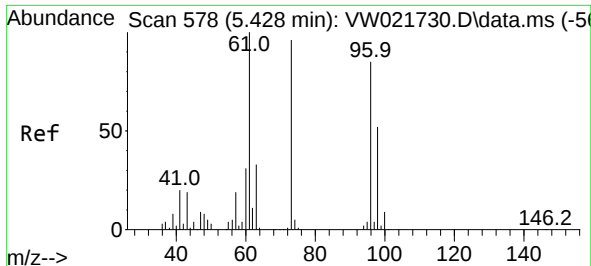
Tgt Ion: 73 Resp: 304666
Ion Ratio Lower Upper
73 100
57 19.8 17.0 25.6



#20
Methylene Chloride
Concen: 149.060 ug/l
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 84 Resp: 222076
Ion Ratio Lower Upper
84 100
49 108.2 99.1 148.7
51 33.6 28.8 43.2
86 68.7 50.1 75.1

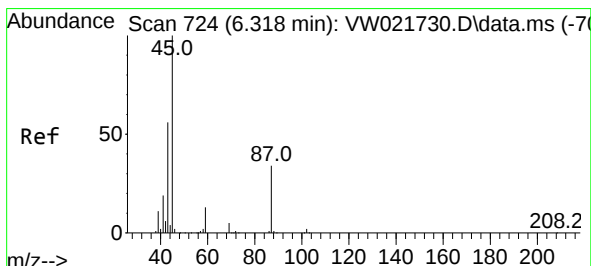
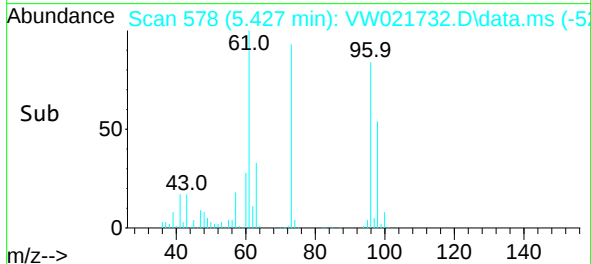
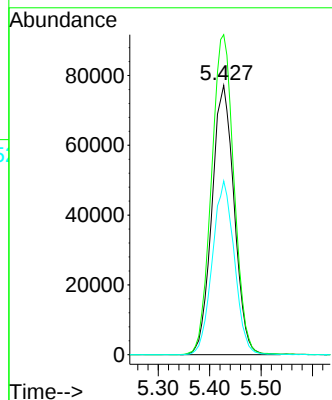
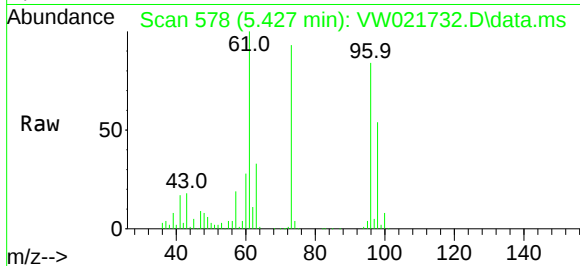




#21
trans-1,2-Dichloroethene
Concen: 141.180 ug/l
RT: 5.427 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

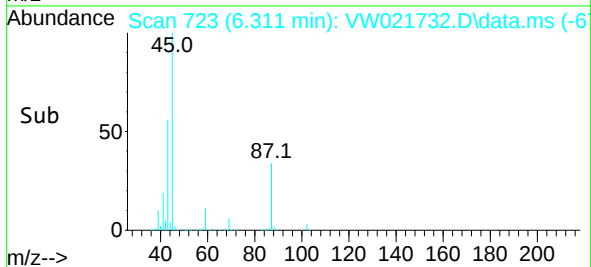
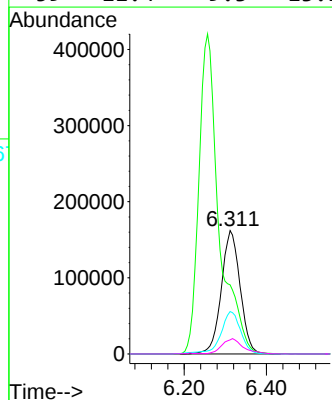
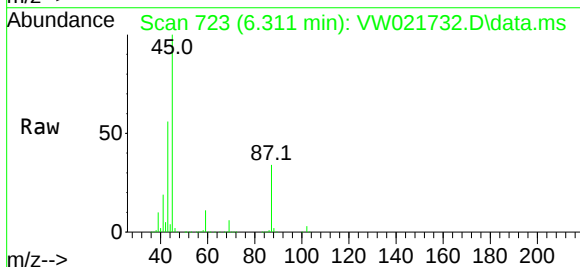
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

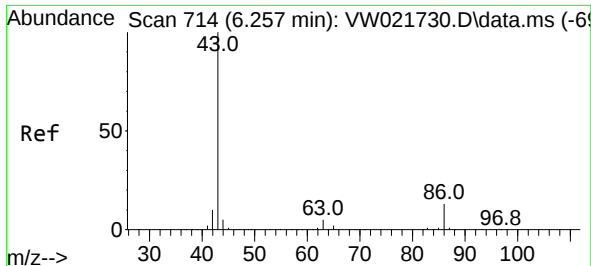
Tgt Ion: 96 Resp: 232215
Ion Ratio Lower Upper
96 100
61 118.7 105.7 158.5
98 64.5 49.7 74.5



#22
Diisopropyl ether
Concen: 143.460 ug/l
RT: 6.311 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 45 Resp: 516480
Ion Ratio Lower Upper
45 100
43 55.9 46.2 69.4
87 34.3 25.0 37.6
59 11.4 9.3 13.9

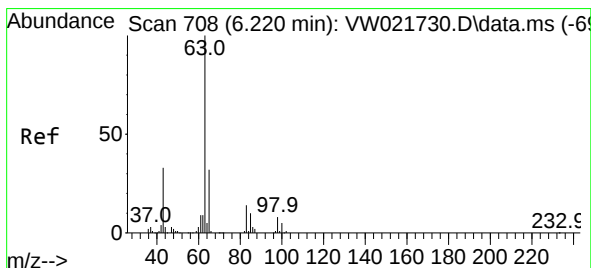
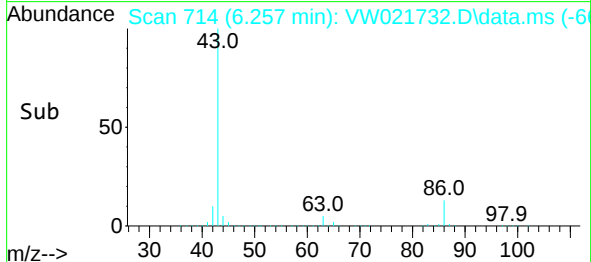
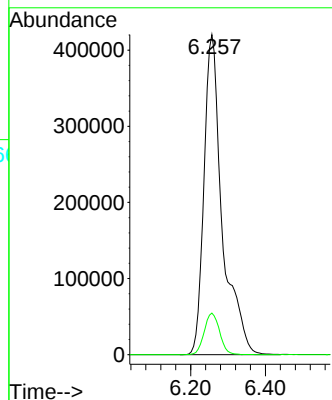
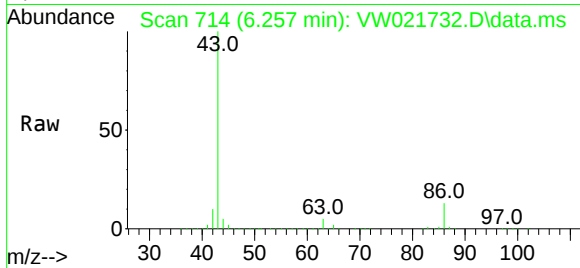




#23
 Vinyl Acetate
 Concen: 759.213 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.007 min
 Lab File: VW021732.D
 Acq: 05 Jan 2022 14:23

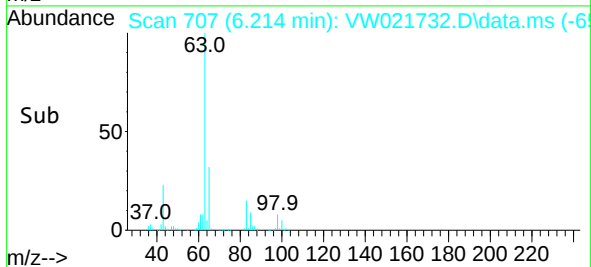
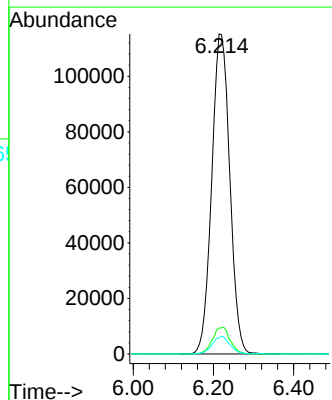
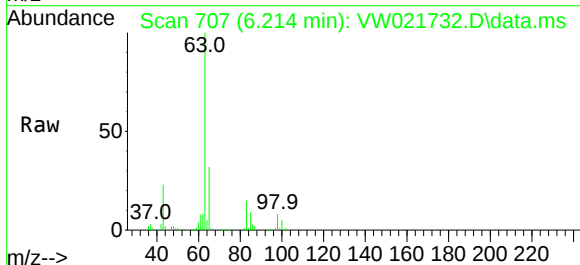
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

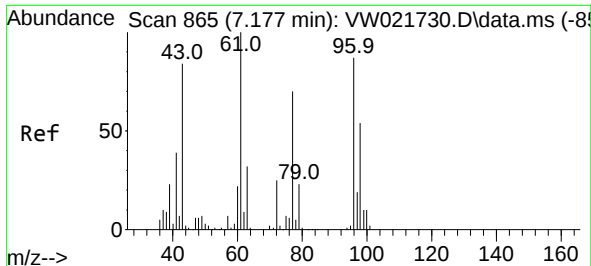
Tgt Ion: 43 Resp: 1428995
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 140.529 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW021732.D
 Acq: 05 Jan 2022 14:23

Tgt Ion: 63 Resp: 360292
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 12.2
 100 5.0 2.6 8.0

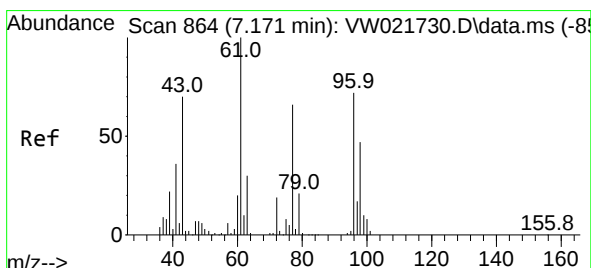
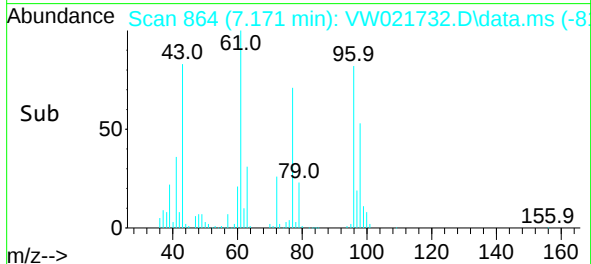
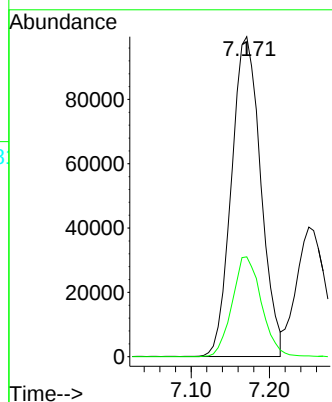
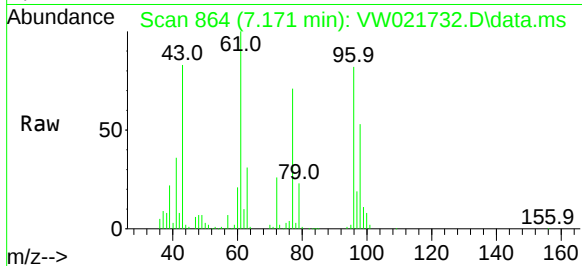




#25
2-Butanone
Concen: 753.226 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

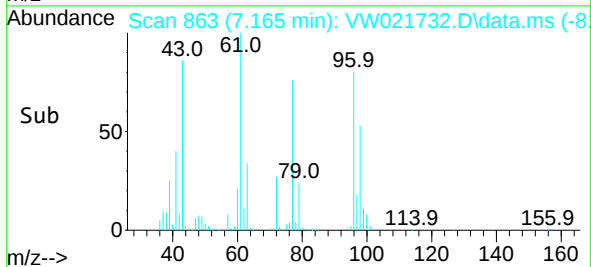
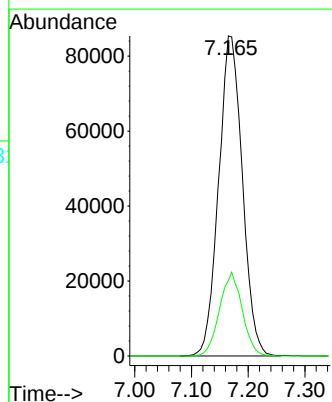
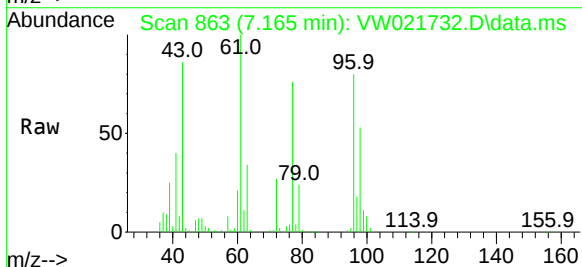
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

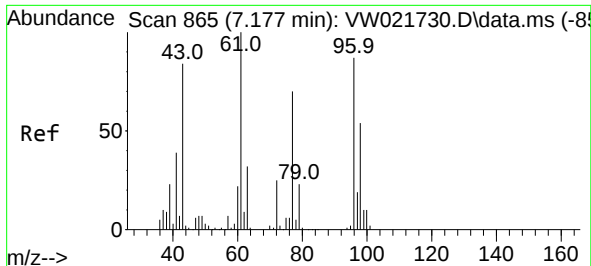
Tgt Ion: 43 Resp: 258449
Ion Ratio Lower Upper
43 100
72 31.2 20.7 31.1#



#26
2,2-Dichloropropane
Concen: 143.316 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 77 Resp: 248133
Ion Ratio Lower Upper
77 100
97 25.0 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 142.599 ug/l

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

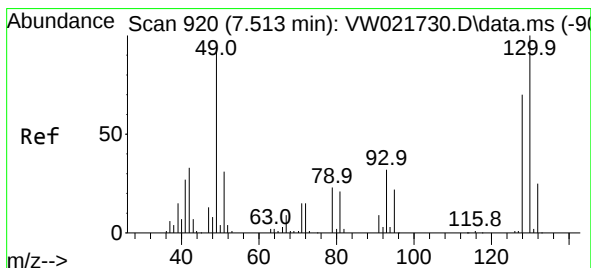
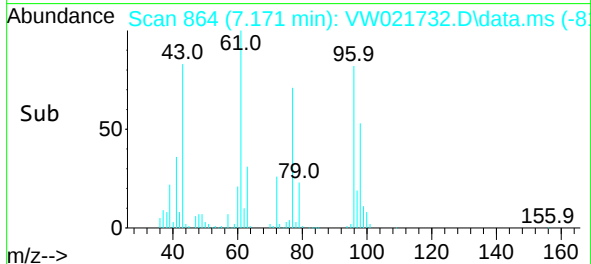
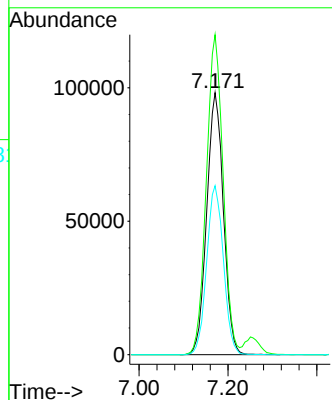
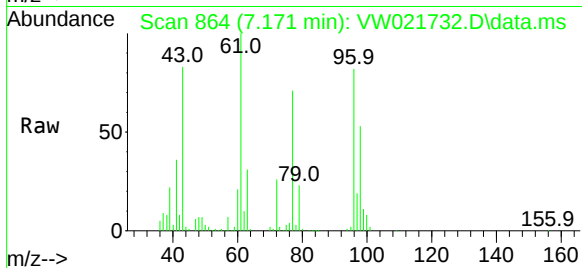
MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 256642

Ion	Ratio	Lower	Upper
96	100		
61	122.6	0.0	266.6
98	64.6	0.0	129.4



#28

Bromochloromethane

Concen: 132.206 ug/l

RT: 7.512 min Scan# 920

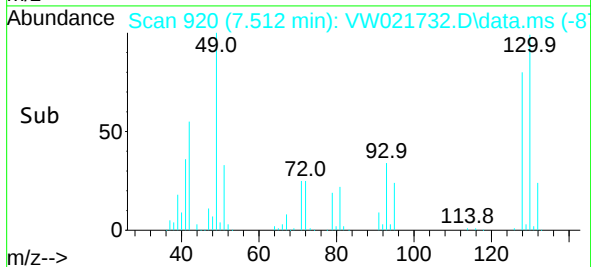
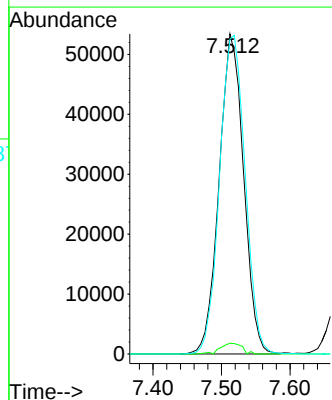
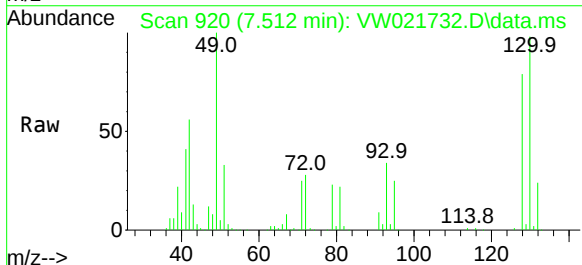
Delta R.T. 0.000 min

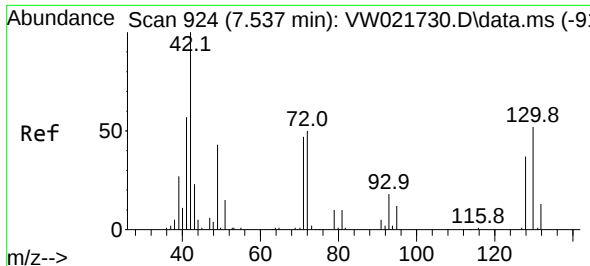
Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Tgt Ion: 49 Resp: 132594

Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.4
130	103.7	70.8	106.2





#29

Tetrahydrofuran

Concen: 722.116 ug/l

RT: 7.531 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

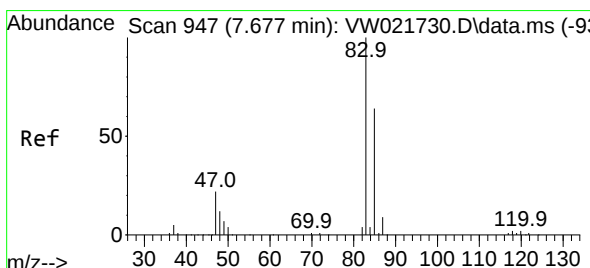
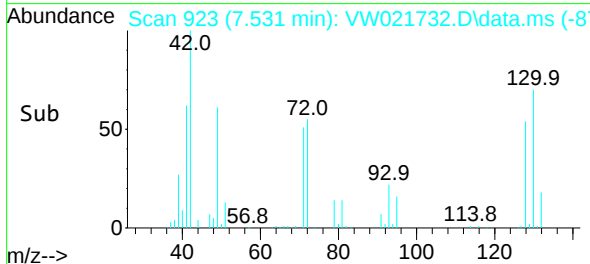
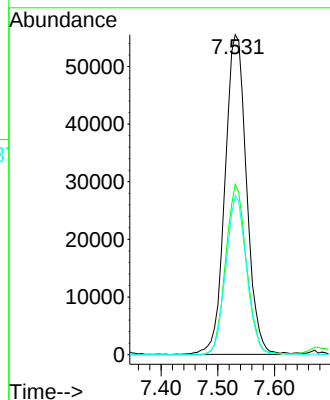
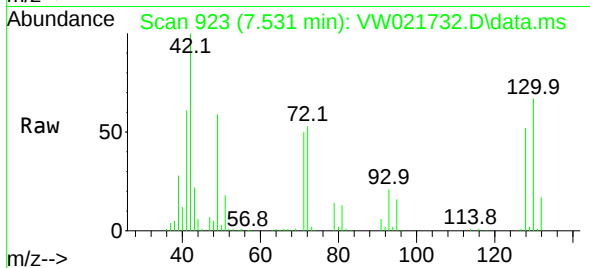
Tgt Ion: 42 Resp: 146137

Ion Ratio Lower Upper

42 100

72 51.6 37.4 56.0

71 48.1 34.7 52.1



#30

Chloroform

Concen: 138.815 ug/l

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW021732.D

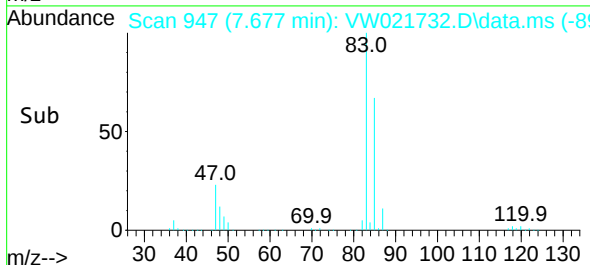
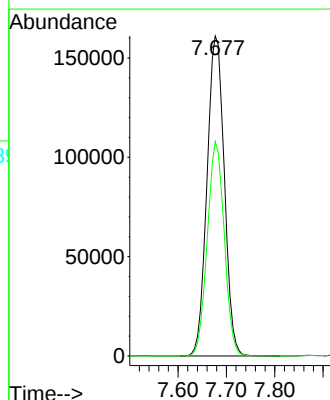
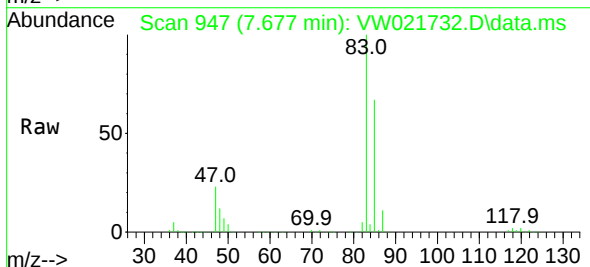
Acq: 05 Jan 2022 14:23

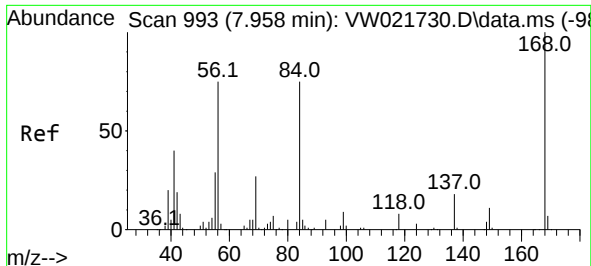
Tgt Ion: 83 Resp: 400296

Ion Ratio Lower Upper

83 100

85 67.0 51.7 77.5

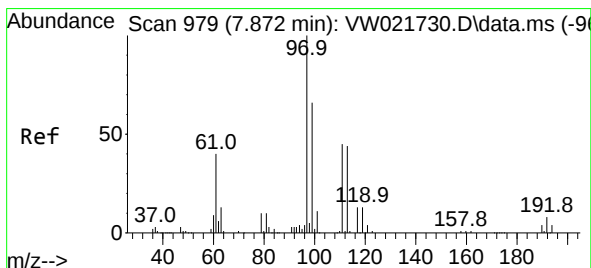
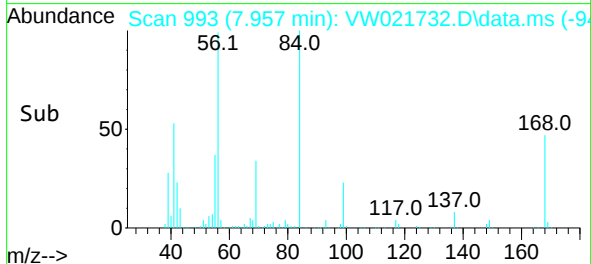
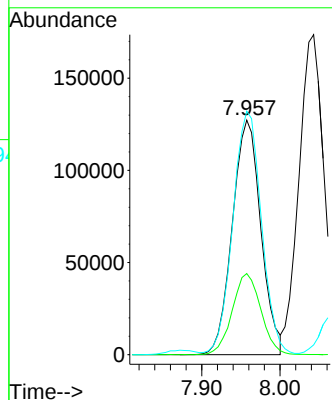
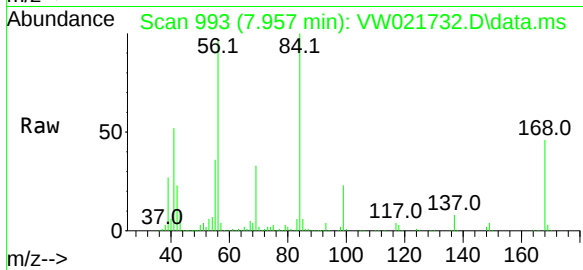




#31
Cyclohexane
Concen: 130.969 ug/l
RT: 7.957 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

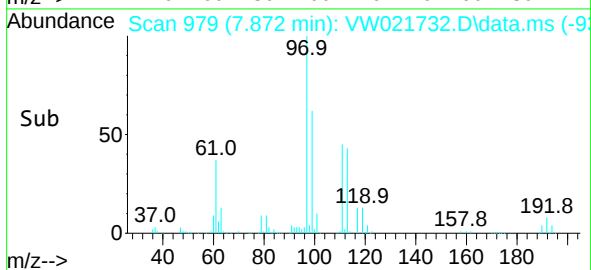
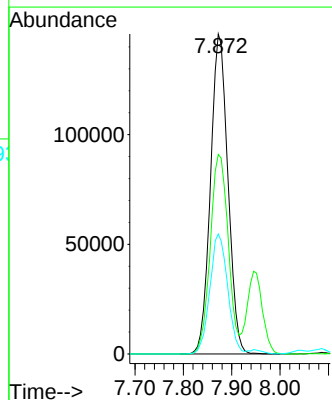
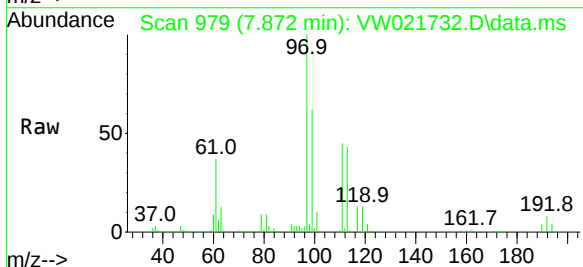
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

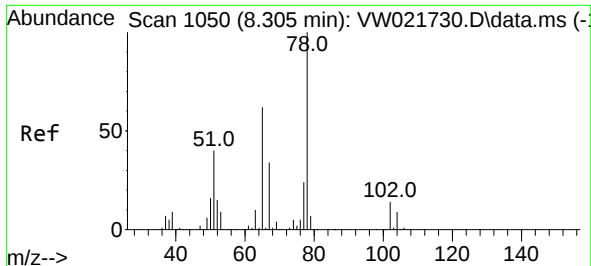
Tgt Ion: 56 Resp: 322448
Ion Ratio Lower Upper
56 100
69 34.6 28.7 43.1
84 101.9 77.6 116.4



#32
1,1,1-Trichloroethane
Concen: 143.604 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 97 Resp: 364263
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 38.4 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 138.916 ug/l

RT: 8.305 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

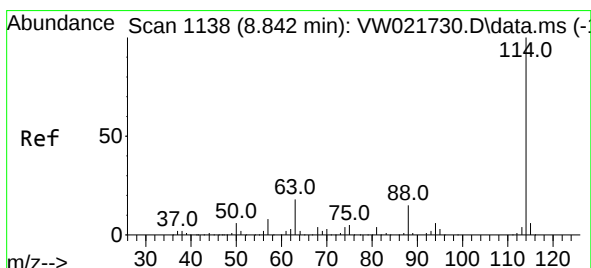
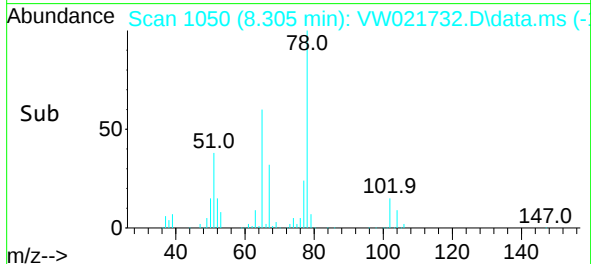
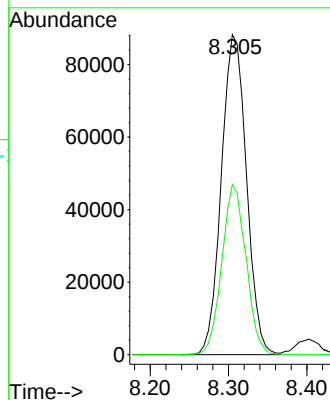
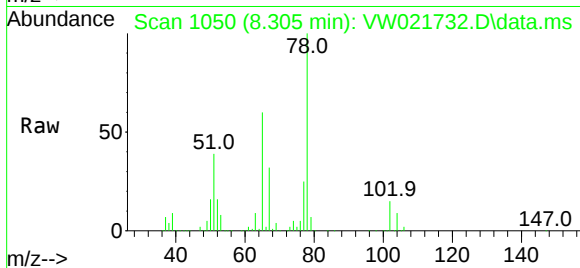
VSTDIC150

Tgt Ion: 65 Resp: 196635

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.841 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

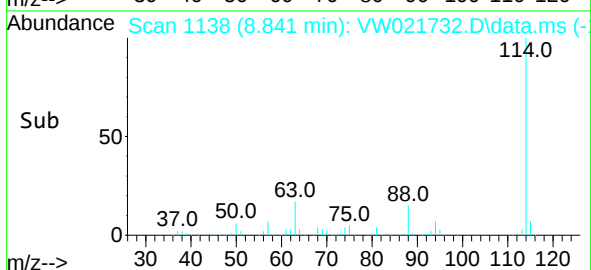
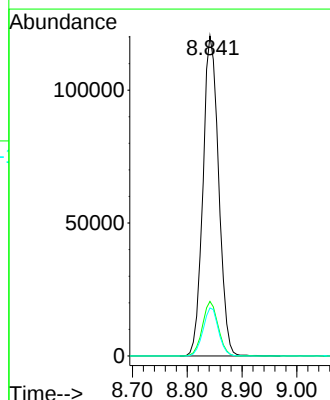
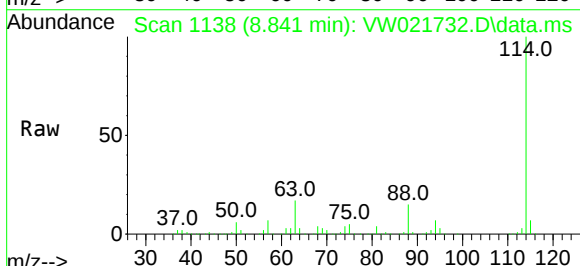
Tgt Ion: 114 Resp: 239260

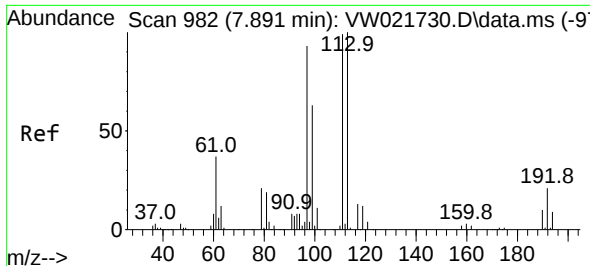
Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.2

88 15.0 0.0 28.8

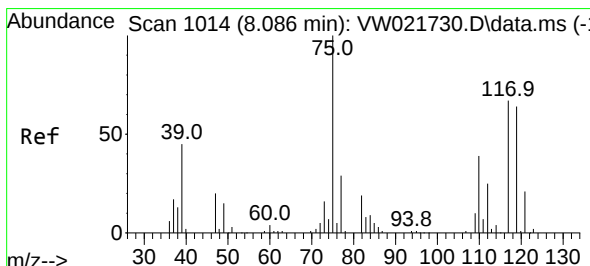
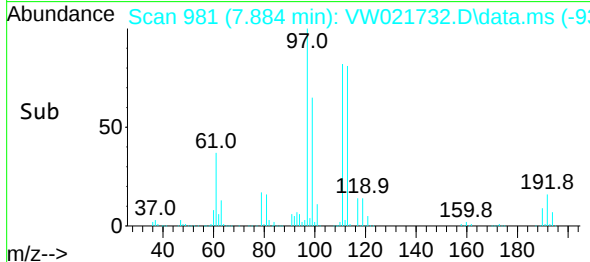
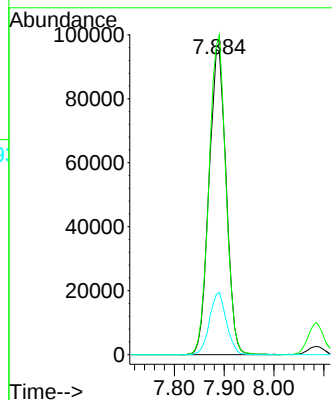
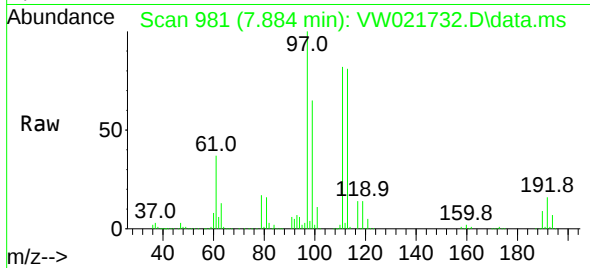




#35
 Dibromofluoromethane
 Concen: 153.711 ug/l
 RT: 7.884 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VW021732.D
 Acq: 05 Jan 2022 14:23

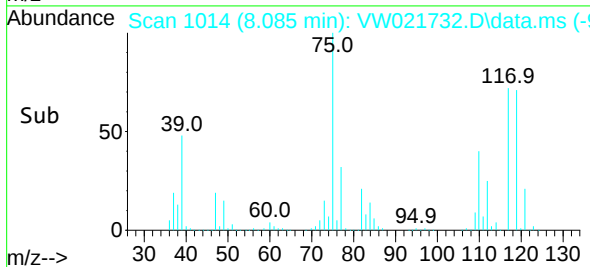
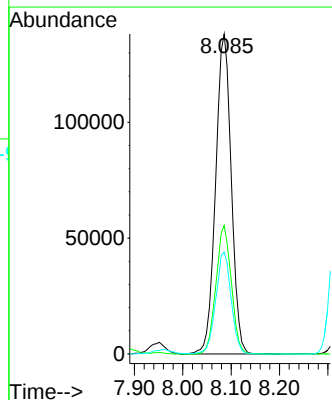
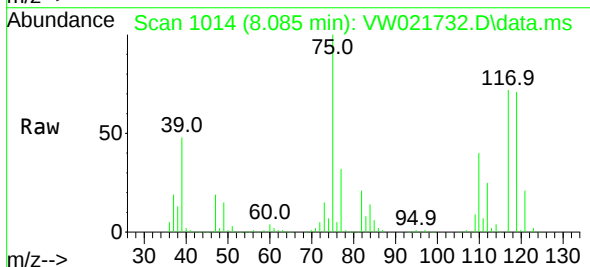
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

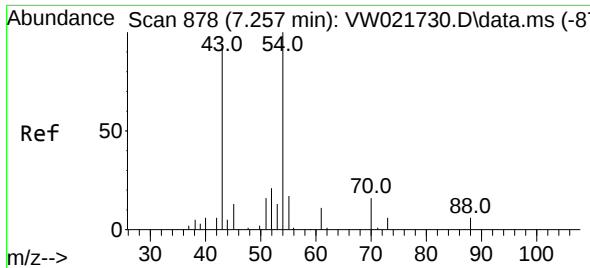
Tgt Ion:113 Resp: 228896
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.2 121.8
 192 19.9 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 146.271 ug/l
 RT: 8.085 min Scan# 1014
 Delta R.T. -0.001 min
 Lab File: VW021732.D
 Acq: 05 Jan 2022 14:23

Tgt Ion: 75 Resp: 309575
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.1 57.5
 77 31.4 24.8 37.2

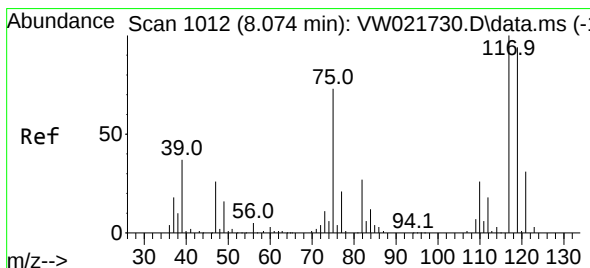
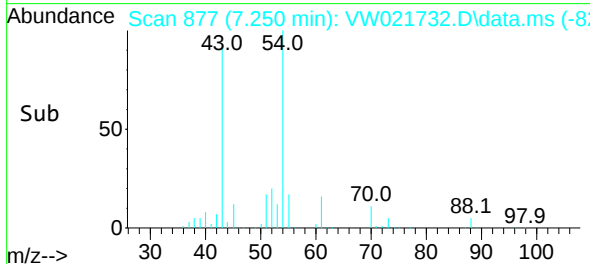
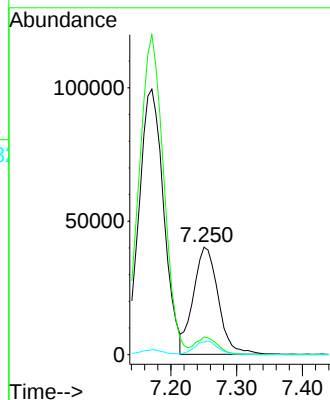
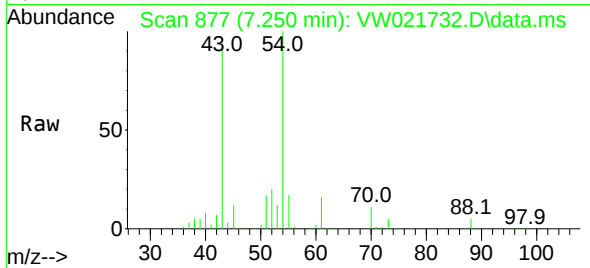




#37
Ethyl Acetate
Concen: 150.929 ug/l
RT: 7.250 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

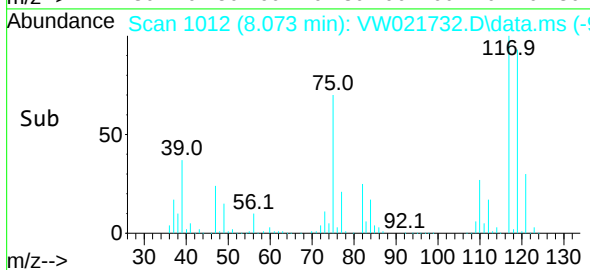
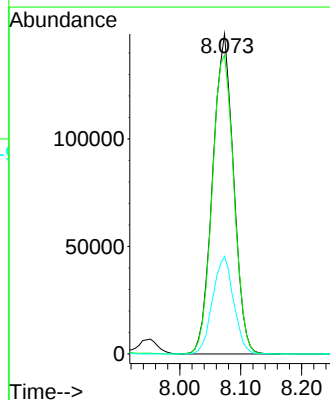
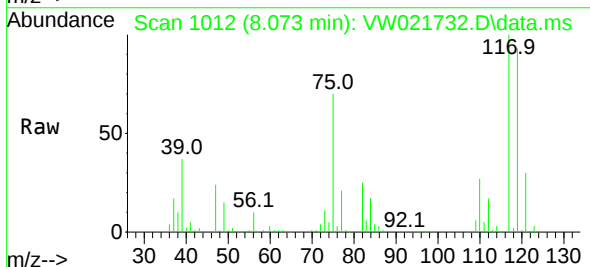
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

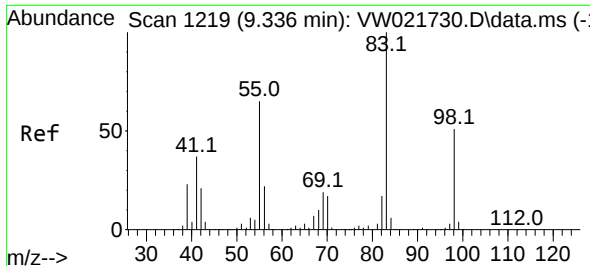
Tgt Ion: 43 Resp: 105404
Ion Ratio Lower Upper
43 100
61 15.0 11.3 16.9
70 12.0 9.2 13.8



#38
Carbon Tetrachloride
Concen: 155.160 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 117 Resp: 354716
Ion Ratio Lower Upper
117 100
119 93.3 72.0 108.0
121 30.5 22.6 33.8





#39

Methylcyclohexane

Concen: 151.667 ug/l

RT: 9.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

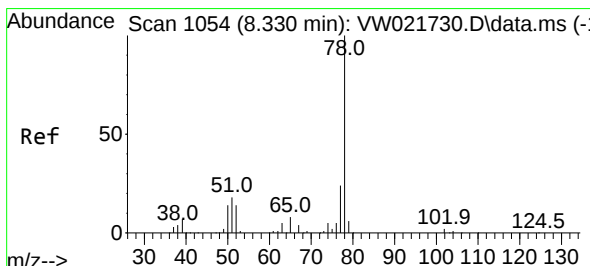
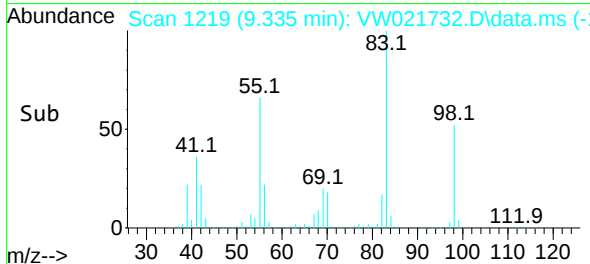
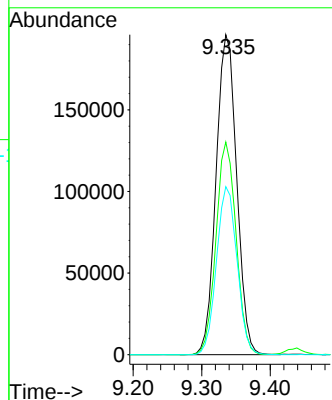
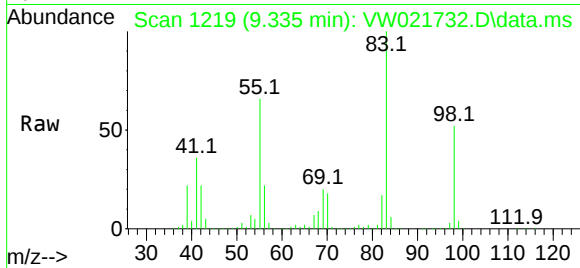
Tgt Ion: 83 Resp: 408946

Ion Ratio Lower Upper

83 100

55 66.5 56.6 85.0

98 52.5 41.0 61.4



#40

Benzene

Concen: 142.052 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW021732.D

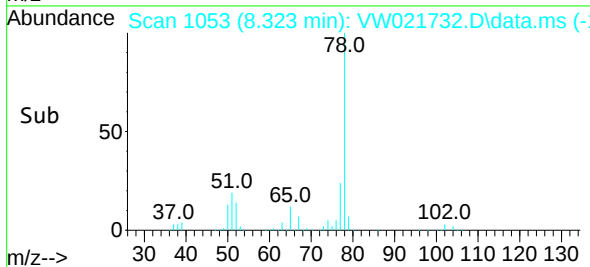
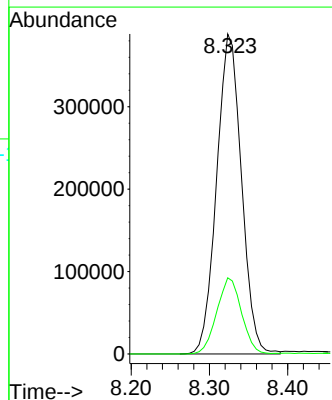
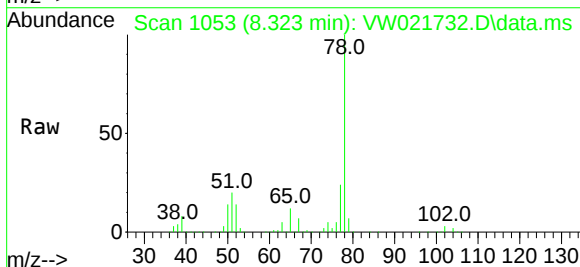
Acq: 05 Jan 2022 14:23

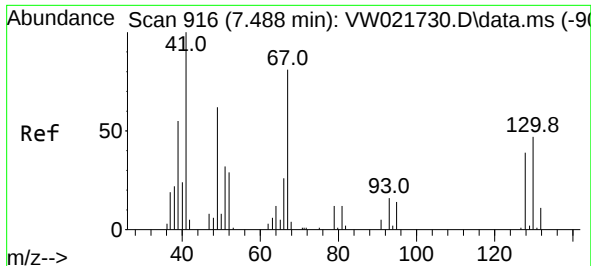
Tgt Ion: 78 Resp: 855017

Ion Ratio Lower Upper

78 100

77 23.8 20.0 30.0



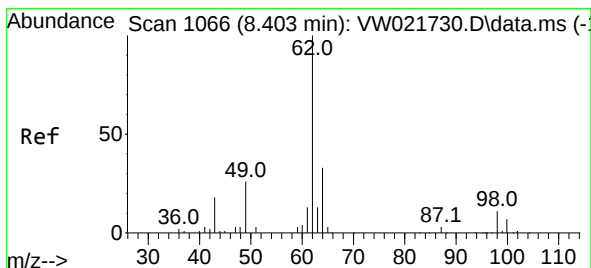
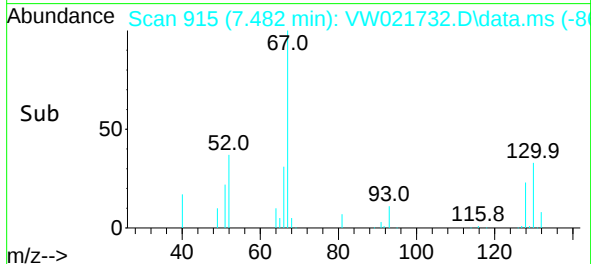
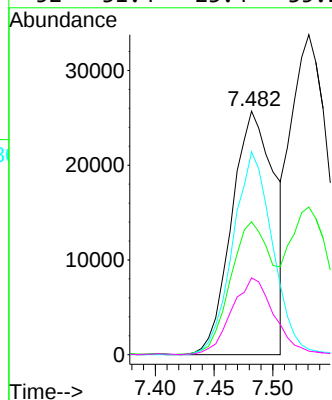
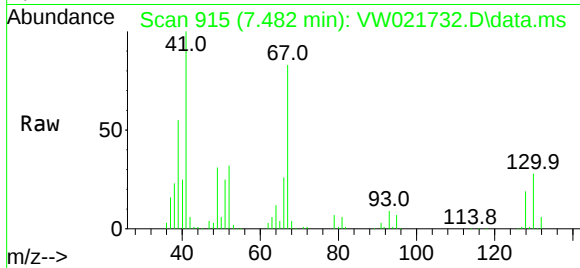


#41
Methacrylonitrile
Concen: 163.045 ug/l
RT: 7.482 min Scan# 916
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 65244

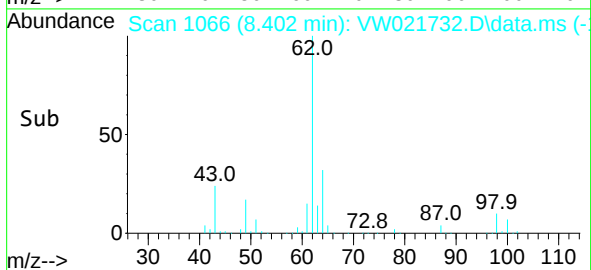
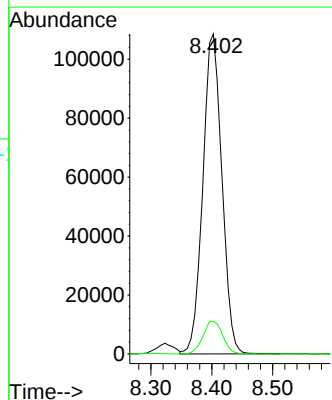
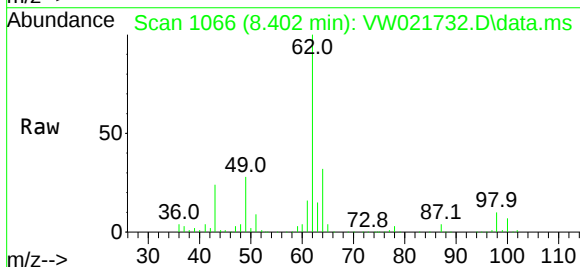
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.9	64.3
67	77.9	56.2	84.4
52	31.4	23.4	35.2

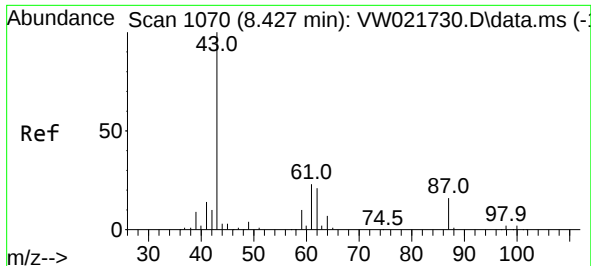


#42
1,2-Dichloroethane
Concen: 143.431 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 62 Resp: 235678

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.0

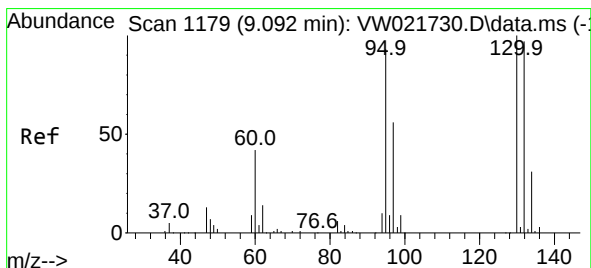
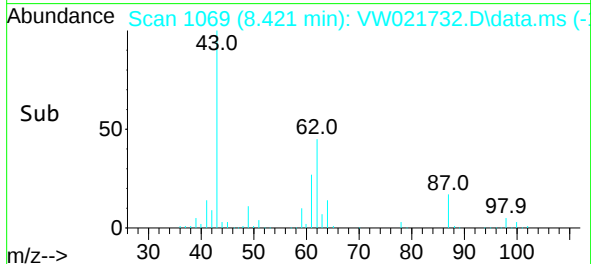
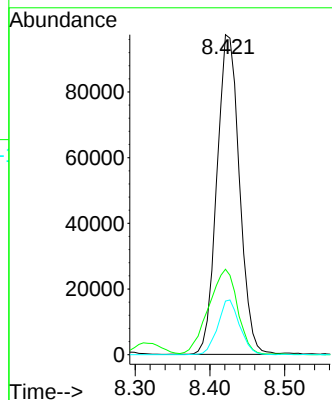
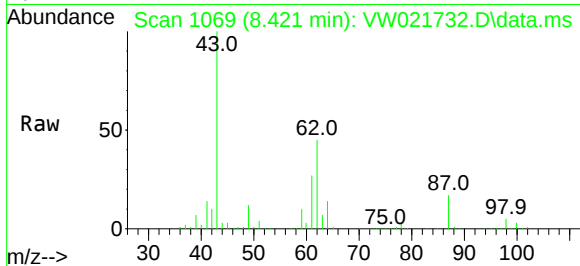




#43
Isopropyl Acetate
Concen: 156.770 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

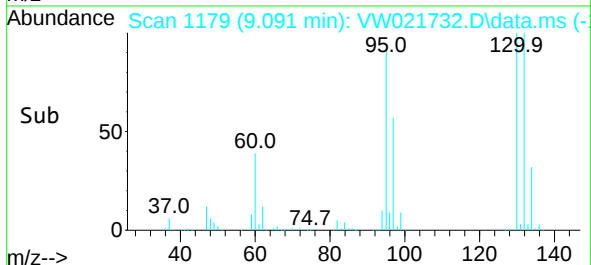
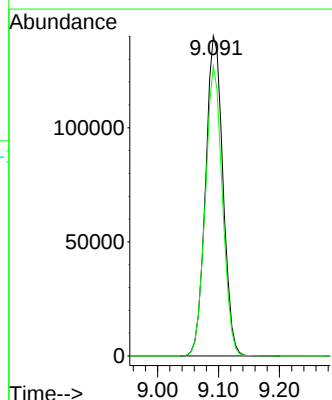
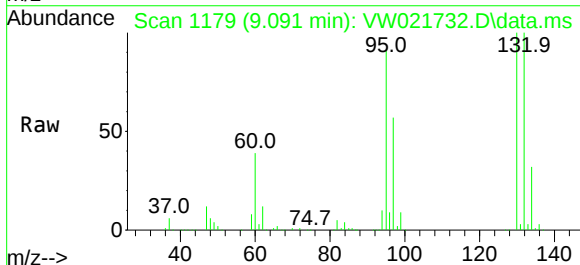
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

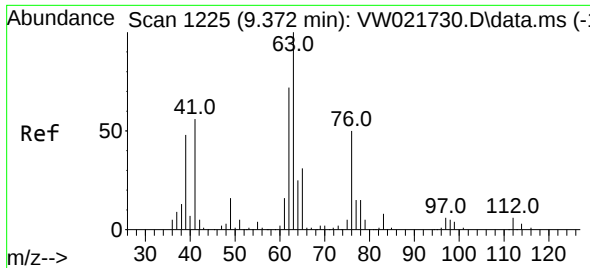
Tgt Ion: 43 Resp: 204437
Ion Ratio Lower Upper
43 100
61 34.6 23.7 35.5
87 16.7 11.5 17.3



#44
Trichloroethene
Concen: 151.927 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion:130 Resp: 278058
Ion Ratio Lower Upper
130 100
95 90.5 0.0 186.6

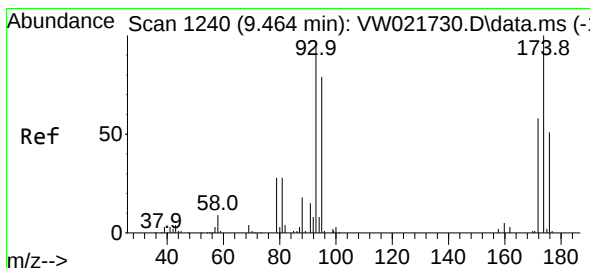
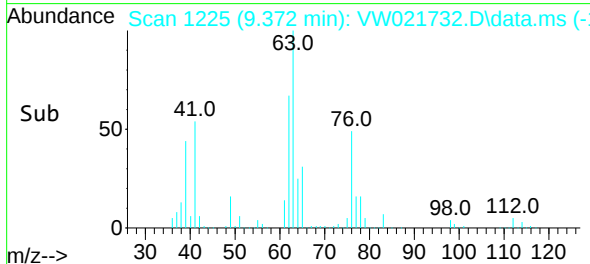
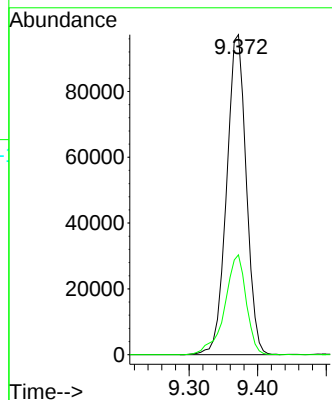
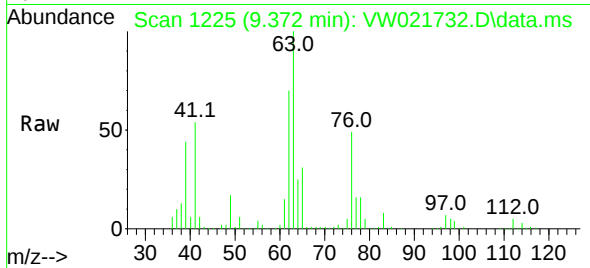




#45
1,2-Dichloropropane
Concen: 146.613 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

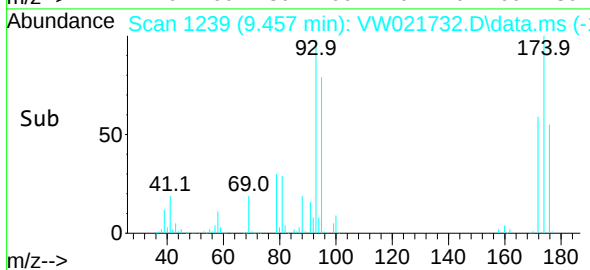
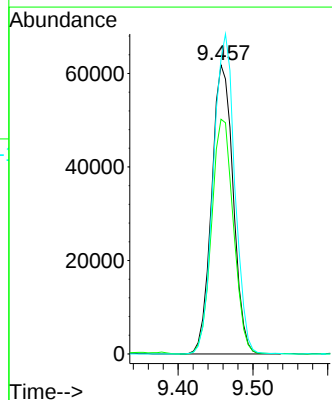
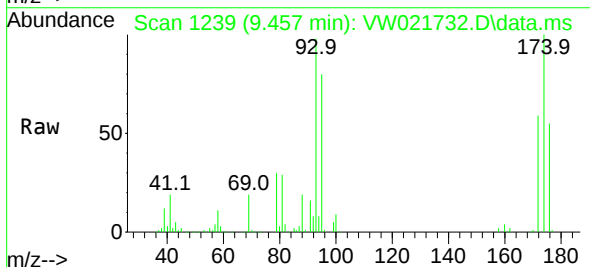
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

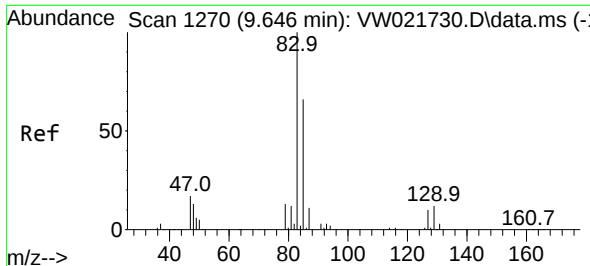
Tgt Ion: 63 Resp: 193353
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 149.735 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 93 Resp: 124126
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 110.0 91.1 136.7

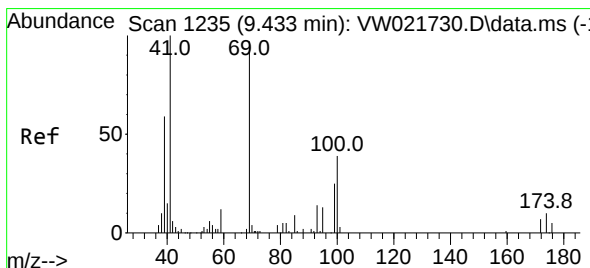
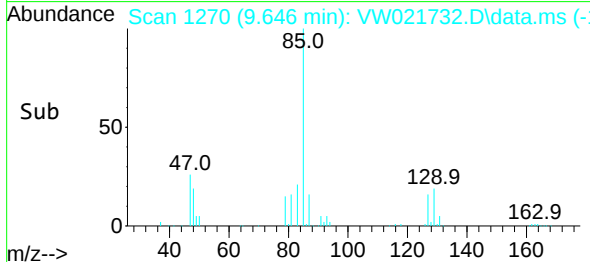
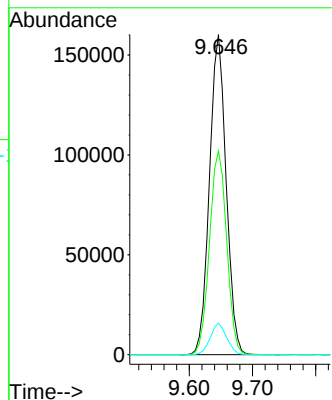
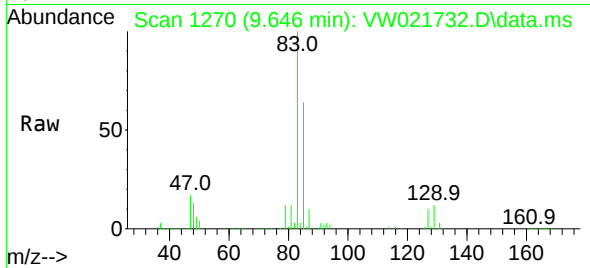




#47
Bromodichloromethane
Concen: 155.428 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

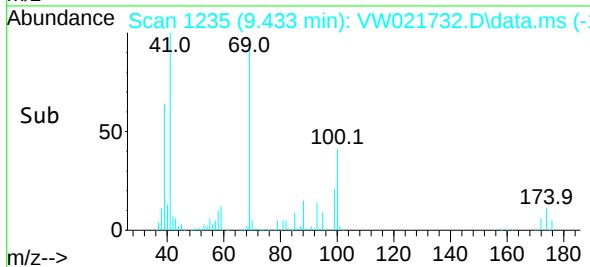
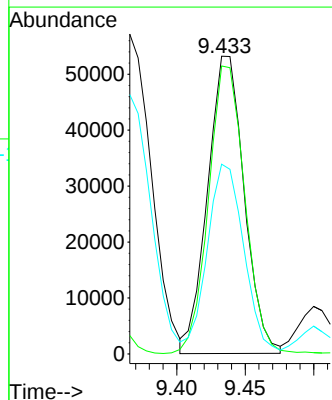
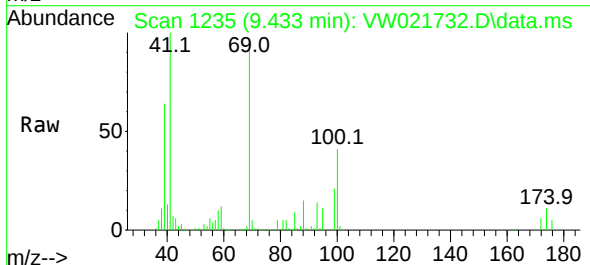
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

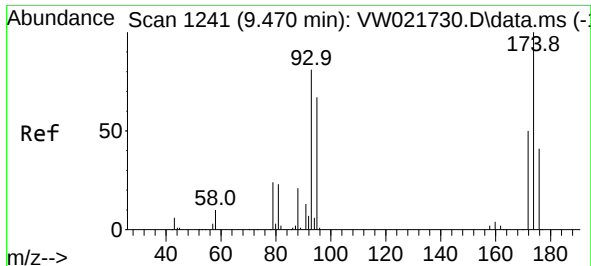
Tgt Ion: 83 Resp: 293797
Ion Ratio Lower Upper
83 100
85 63.7 50.3 75.5
127 9.9 7.1 10.7



#48
Methyl methacrylate
Concen: 160.923 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 41 Resp: 98826
Ion Ratio Lower Upper
41 100
69 96.1 72.9 109.3
39 61.0 54.2 81.4





#49

1,4-Dioxane

Concen: 3263.354 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

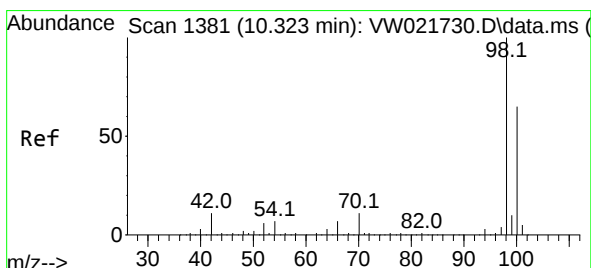
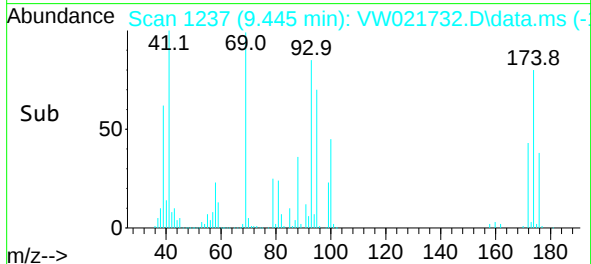
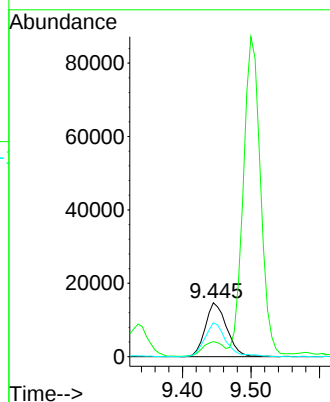
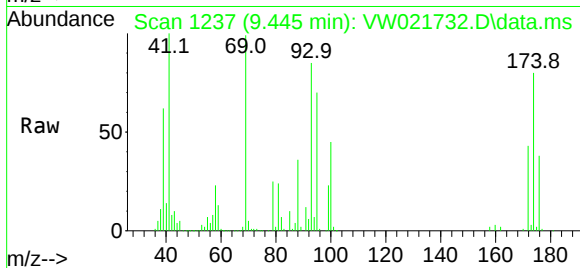
Tgt Ion: 88 Resp: 31926

Ion Ratio Lower Upper

88 100

43 26.1 26.6 39.8#

58 62.7 51.8 77.8



#50

Toluene-d8

Concen: 154.801 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VW021732.D

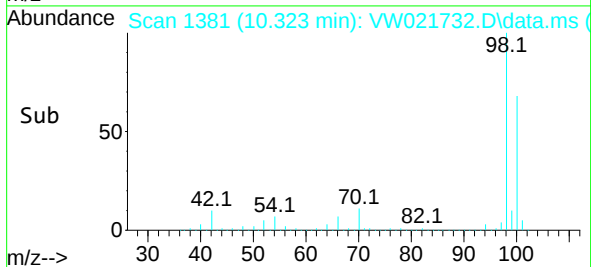
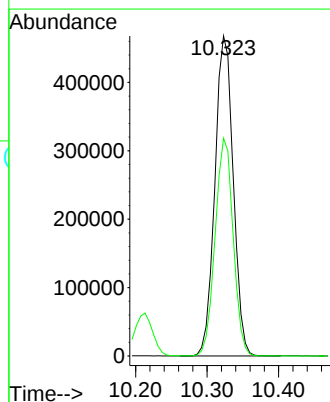
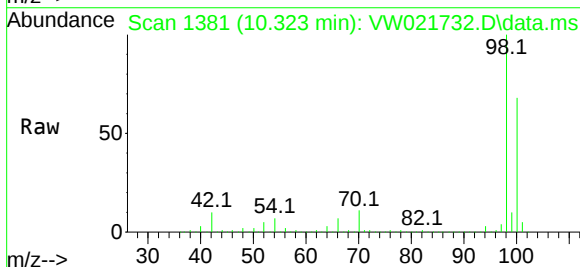
Acq: 05 Jan 2022 14:23

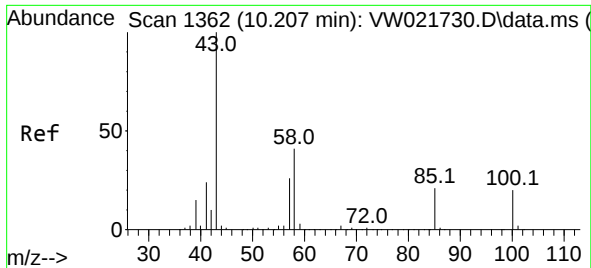
Tgt Ion: 98 Resp: 834313

Ion Ratio Lower Upper

98 100

100 66.8 52.6 79.0

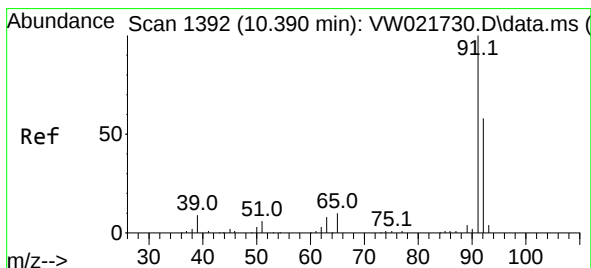
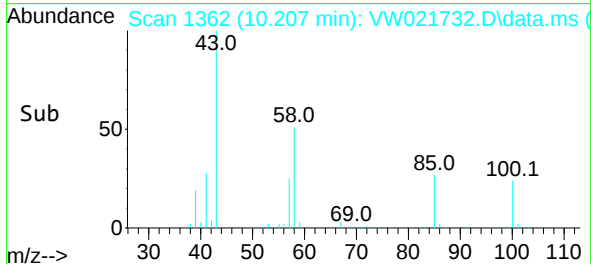
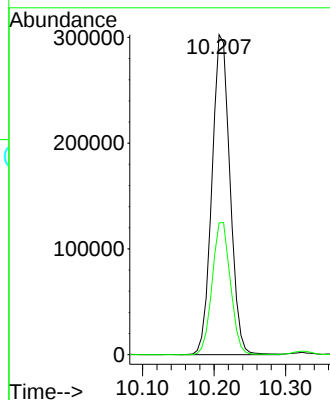
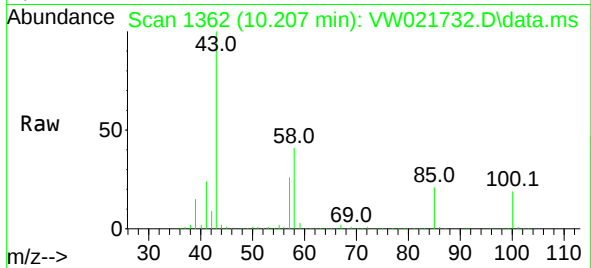




#51
4-Methyl-2-Pentanone
Concen: 764.308 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

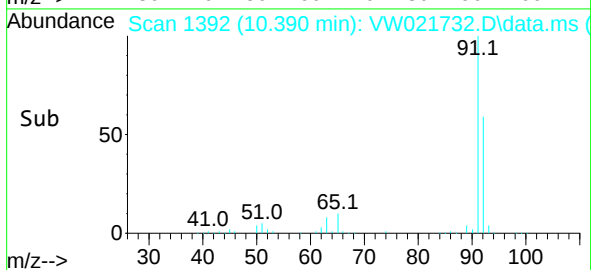
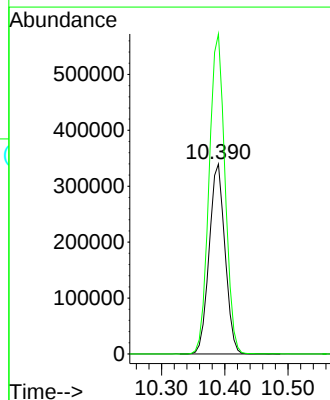
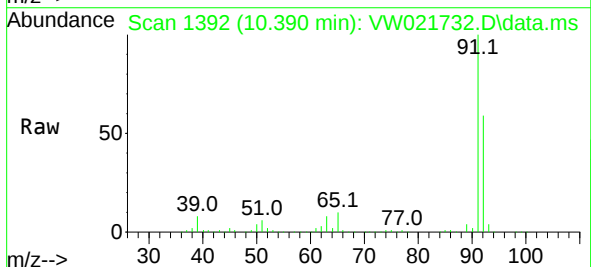
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

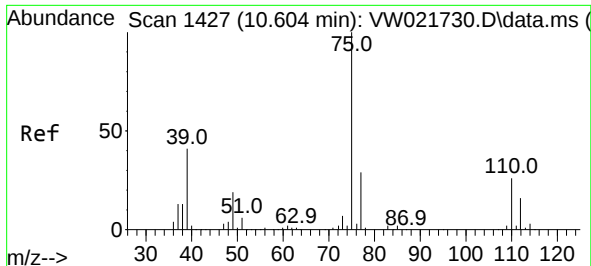
Tgt Ion: 43 Resp: 529297
Ion Ratio Lower Upper
43 100
58 42.0 30.9 46.3



#52
Toluene
Concen: 149.391 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 92 Resp: 589007
Ion Ratio Lower Upper
92 100
91 169.8 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 169.642 ug/l

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

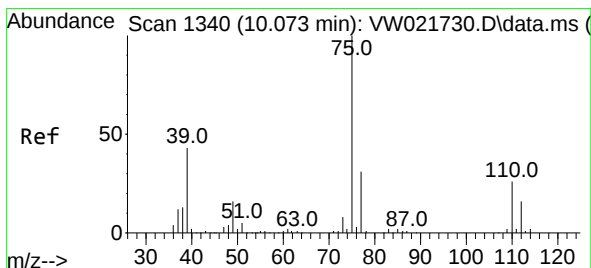
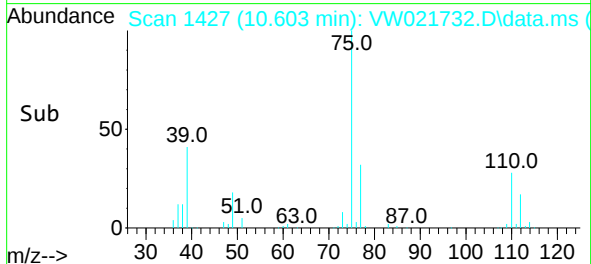
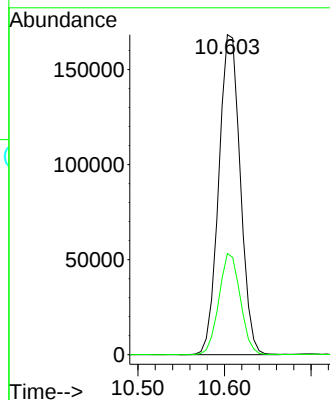
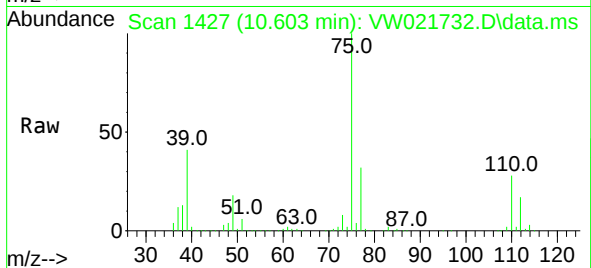
VSTDIC150

Tgt Ion: 75 Resp: 290967

Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 163.980 ug/l

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

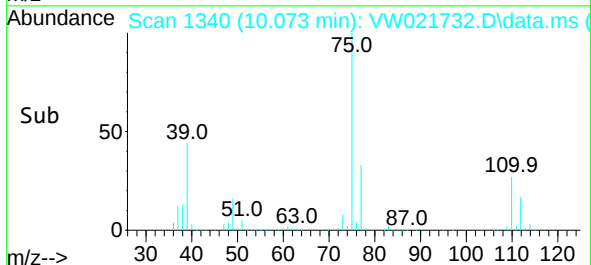
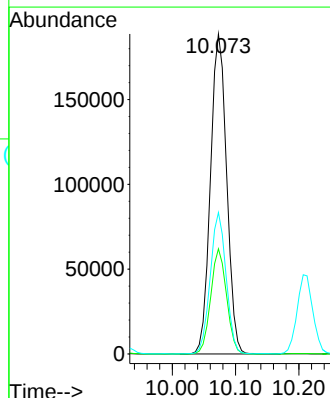
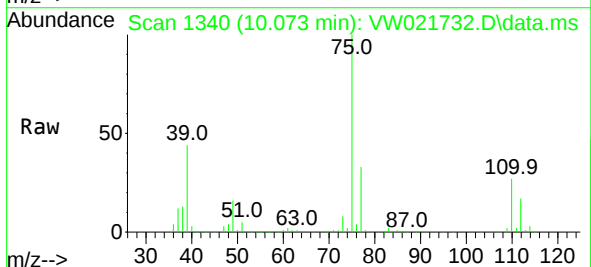
Tgt Ion: 75 Resp: 335654

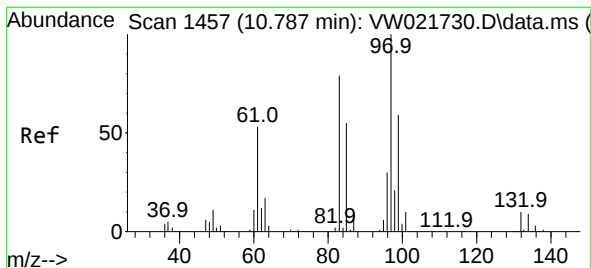
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

39 44.2 43.0 64.6





#55

1,1,2-Trichloroethane

Concen: 150.130 ug/l

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 166608

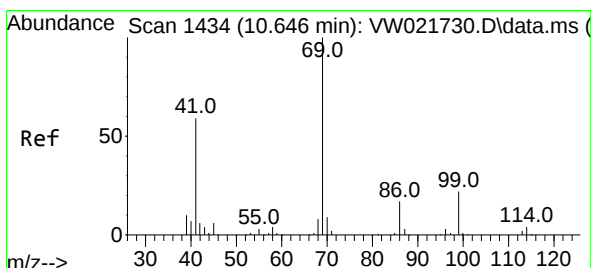
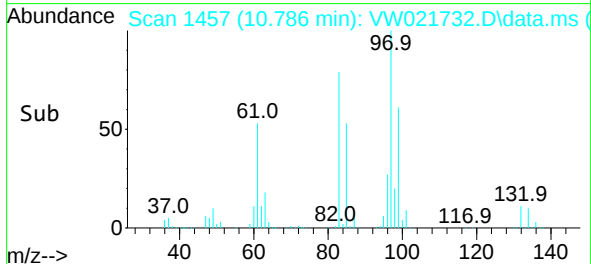
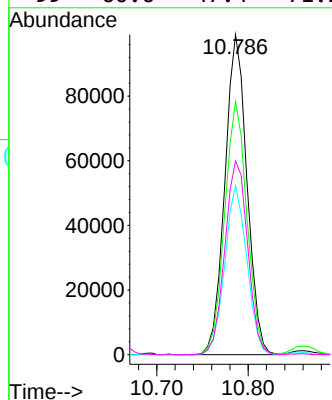
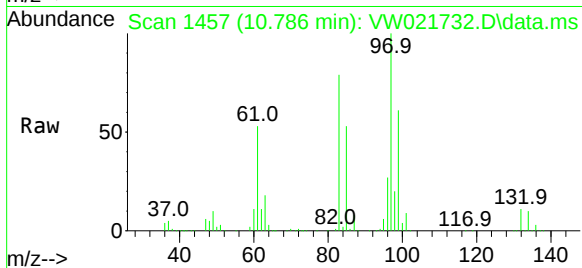
Ion Ratio Lower Upper

97 100

83 79.1 65.4 98.2

85 52.8 39.9 59.9

99 60.6 47.4 71.2



#56

Ethyl methacrylate

Concen: 166.571 ug/l

RT: 10.646 min Scan# 1434

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

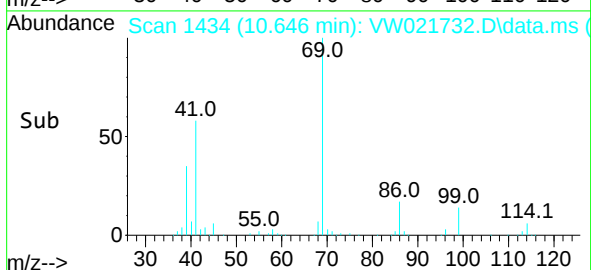
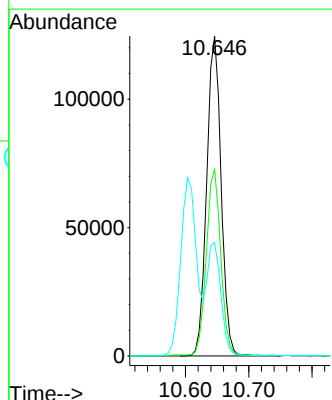
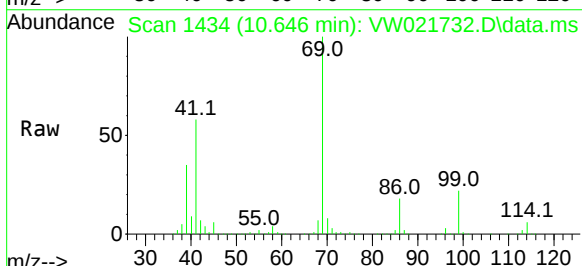
Tgt Ion: 69 Resp: 198128

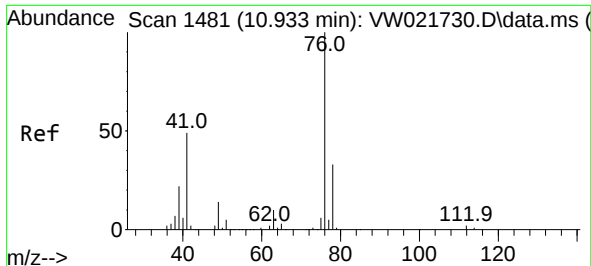
Ion Ratio Lower Upper

69 100

41 57.7 52.9 79.3

39 33.4 33.7 50.5#





#57

1,3-Dichloropropane

Concen: 149.174 ug/l

RT: 10.932 min Scan# 1481

Delta R.T. -0.001 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

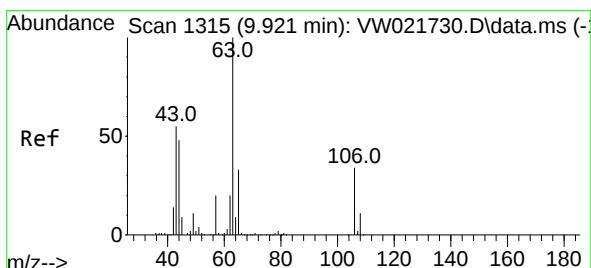
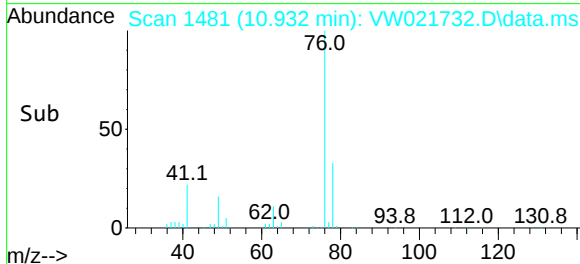
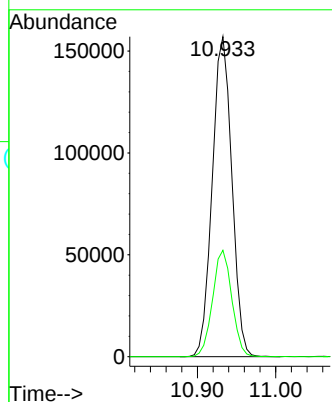
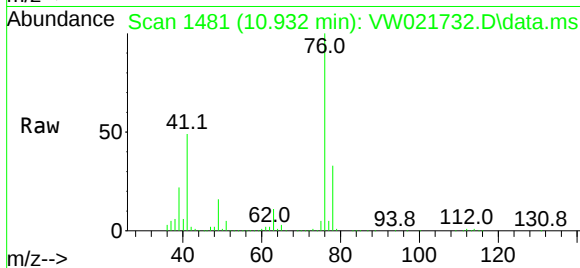
VSTDIC150

Tgt Ion: 76 Resp: 272899

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 771.405 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VW021732.D

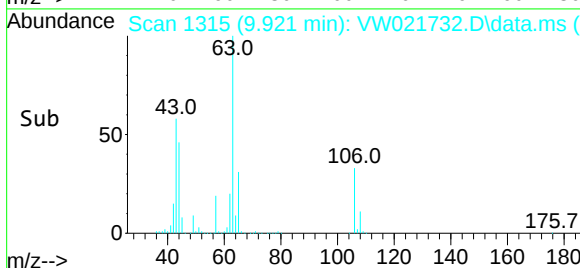
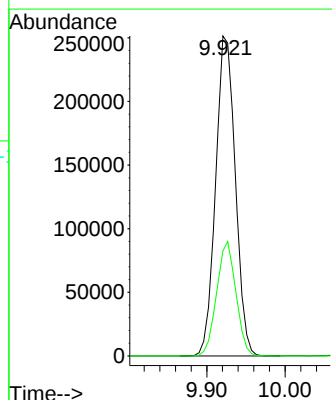
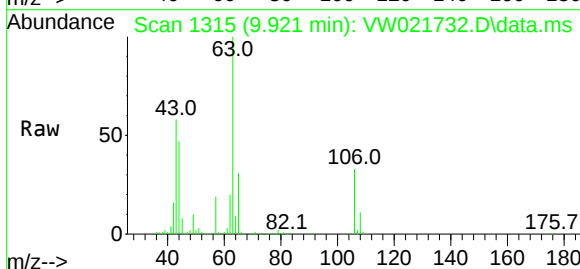
Acq: 05 Jan 2022 14:23

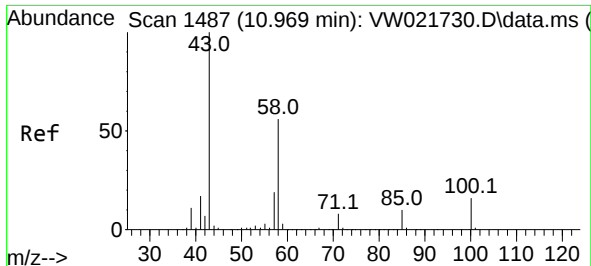
Tgt Ion: 63 Resp: 439594

Ion Ratio Lower Upper

63 100

106 35.0 26.3 39.5





#59

2-Hexanone

Concen: 803.908 ug/l

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

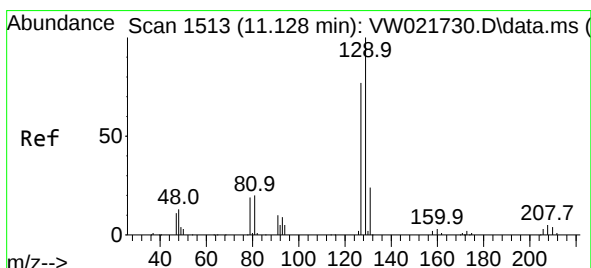
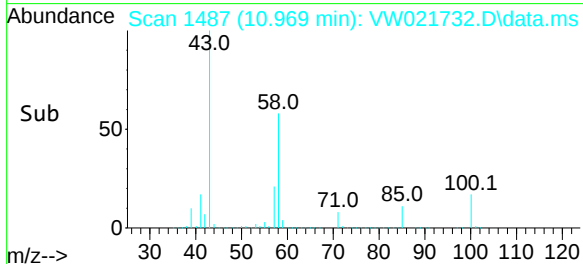
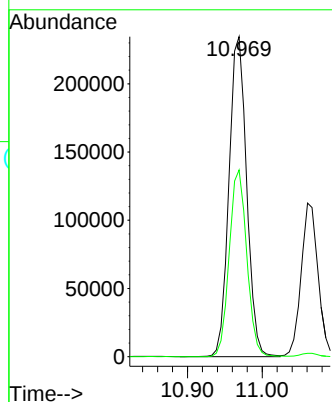
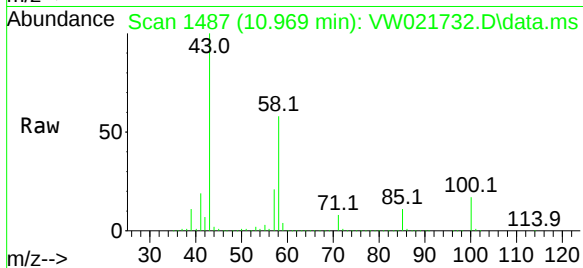
VSTDIC150

Tgt Ion: 43 Resp: 384468

Ion Ratio Lower Upper

43 100

58 58.2 26.7 80.0



#60

Dibromochloromethane

Concen: 166.950 ug/l

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW021732.D

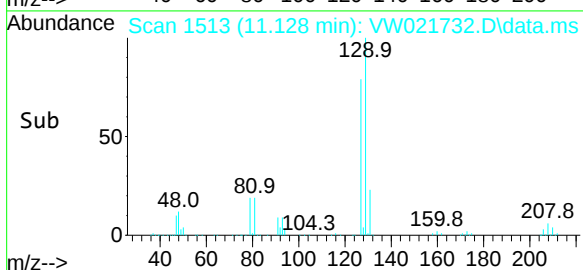
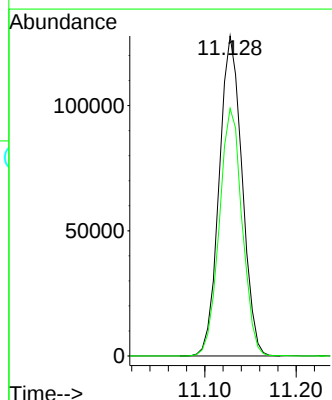
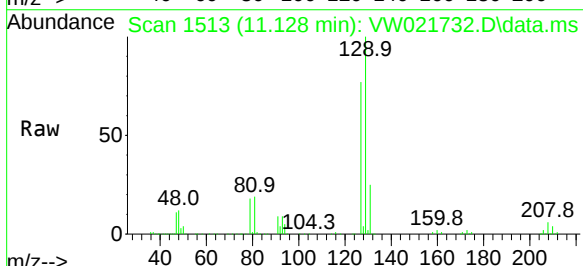
Acq: 05 Jan 2022 14:23

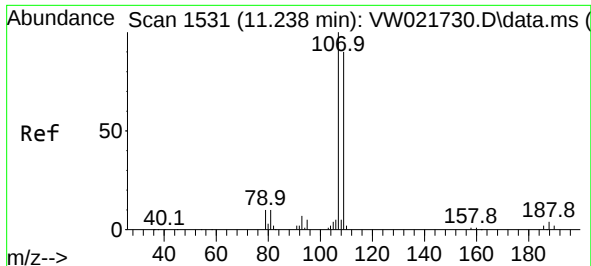
Tgt Ion:129 Resp: 222768

Ion Ratio Lower Upper

129 100

127 76.9 38.4 115.1

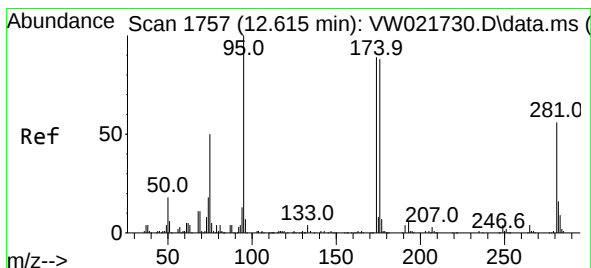
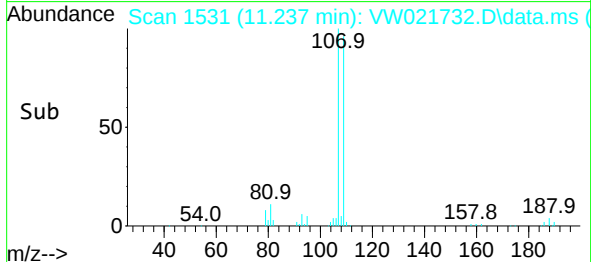
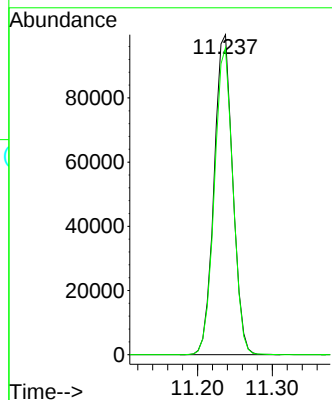
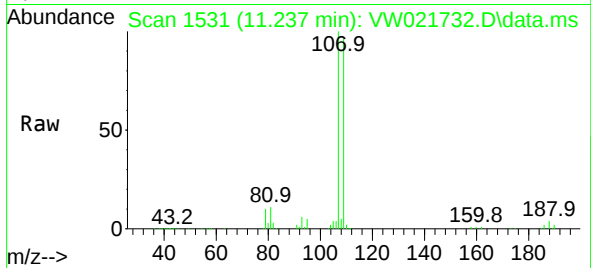




#61
1,2-Dibromoethane
Concen: 157.764 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

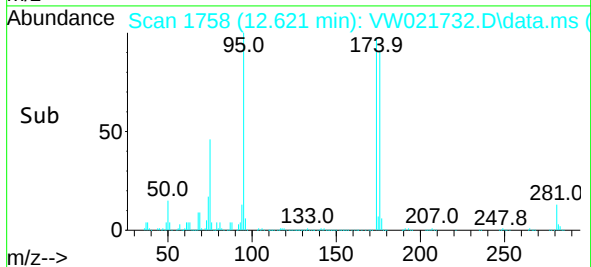
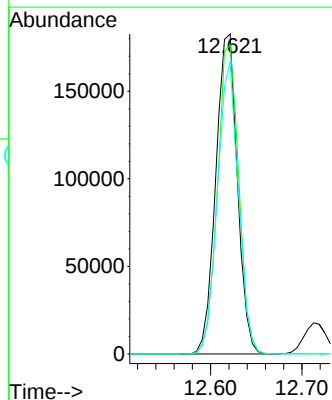
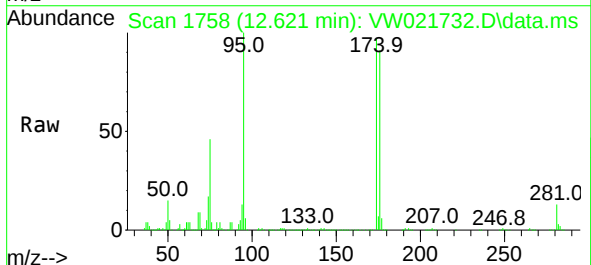
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

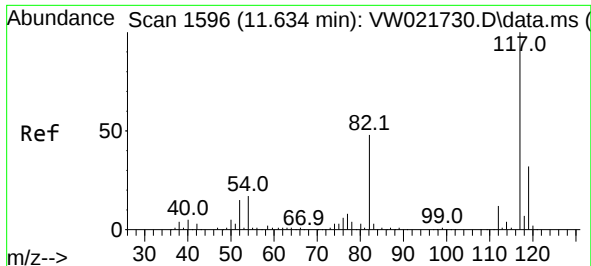
Tgt Ion:107 Resp: 173364
Ion Ratio Lower Upper
107 100
109 95.3 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 149.928 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 95 Resp: 299939
Ion Ratio Lower Upper
95 100
174 95.5 0.0 171.2
176 88.9 0.0 175.4

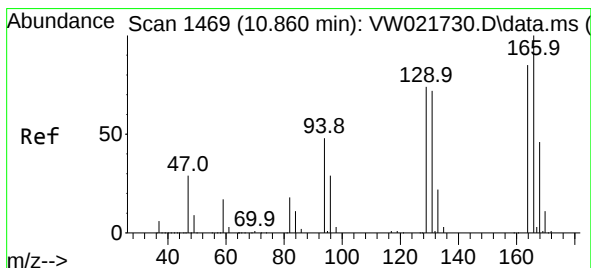
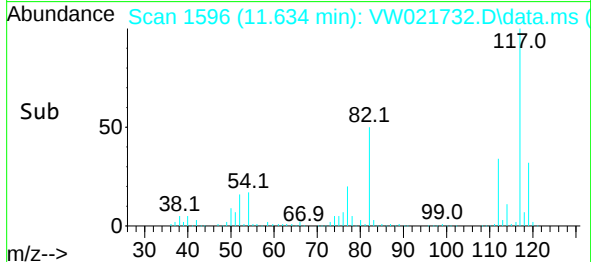
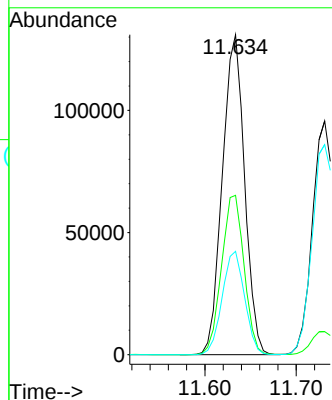
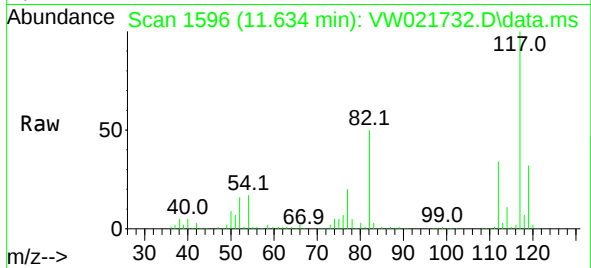




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

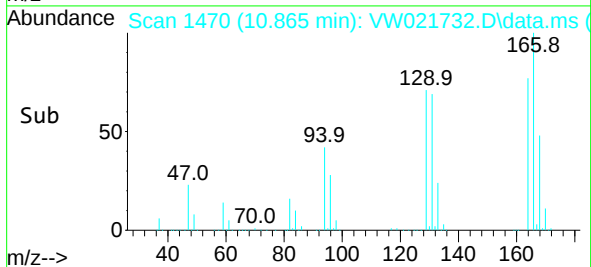
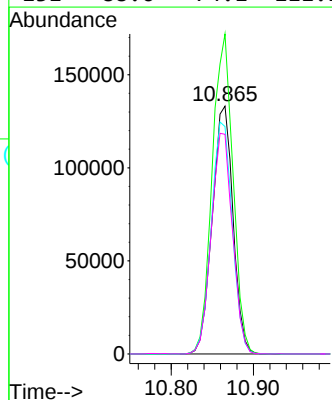
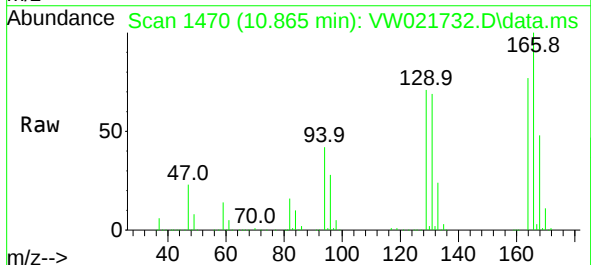
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

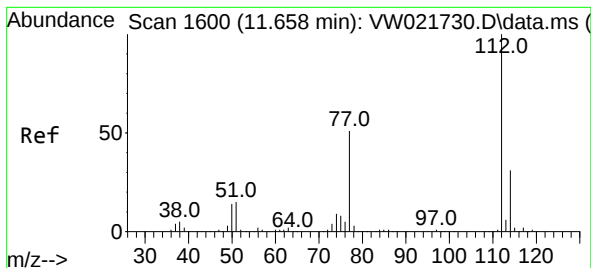
Tgt Ion:117 Resp: 221591
Ion Ratio Lower Upper
117 100
82 49.8 41.4 62.2
119 32.3 27.2 40.8



#64
Tetrachloroethene
Concen: 152.776 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion:164 Resp: 233556
Ion Ratio Lower Upper
164 100
166 129.1 114.4 171.6
129 91.8 68.3 102.5
131 88.6 74.1 111.1





#65

Chlorobenzene

Concen: 151.659 ug/l

RT: 11.658 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

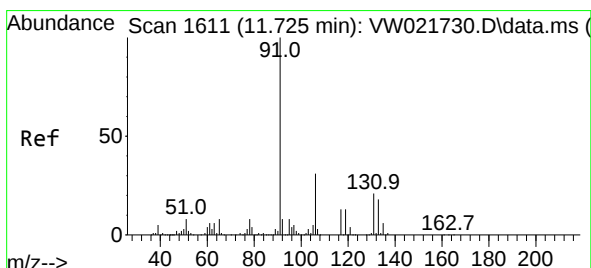
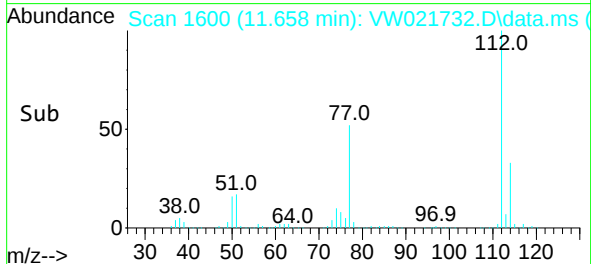
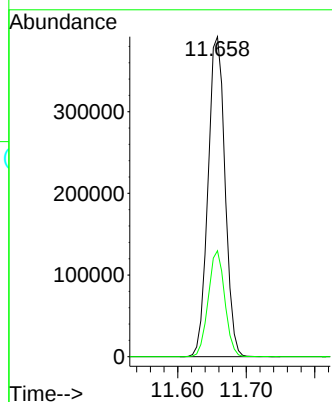
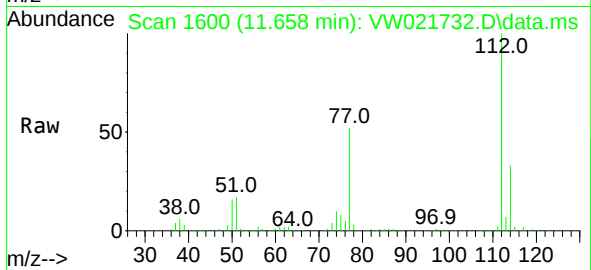
VSTDIC150

Tgt Ion:112 Resp: 675956

Ion Ratio Lower Upper

112 100

114 33.1 23.0 34.6



#66

1,1,1,2-Tetrachloroethane

Concen: 158.205 ug/l

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

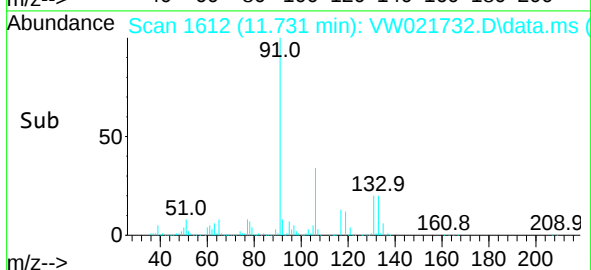
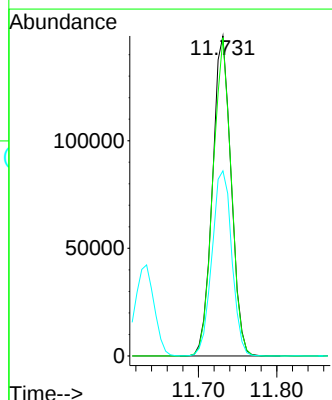
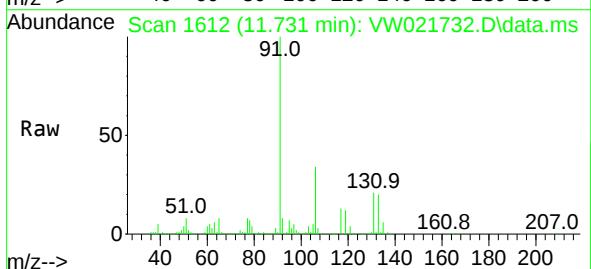
Tgt Ion:131 Resp: 246230

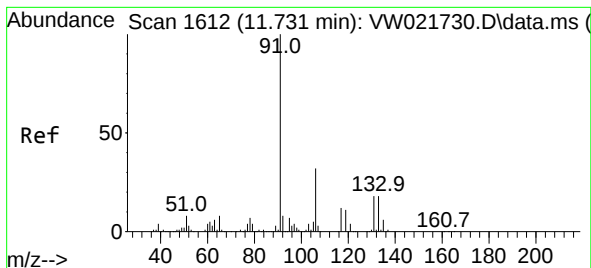
Ion Ratio Lower Upper

131 100

133 96.9 46.6 139.7

119 61.4 32.2 96.6





#67

Ethyl Benzene

Concen: 151.647 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

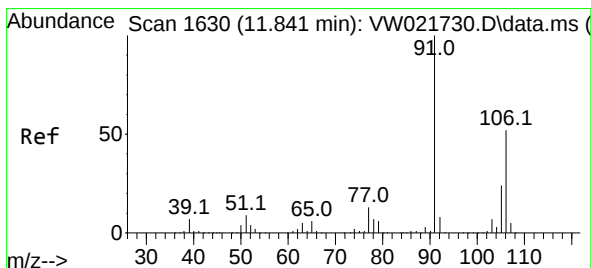
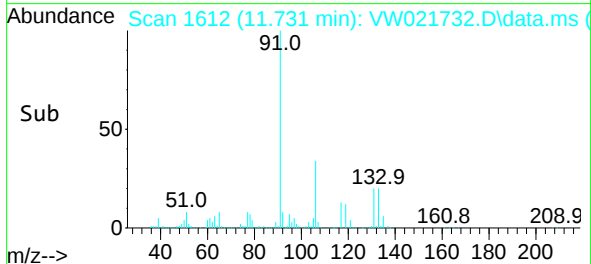
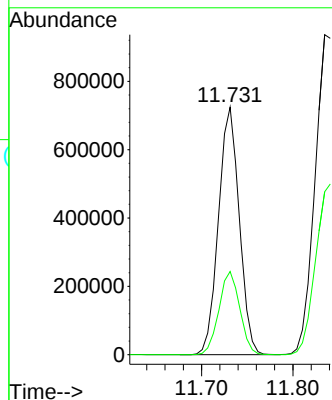
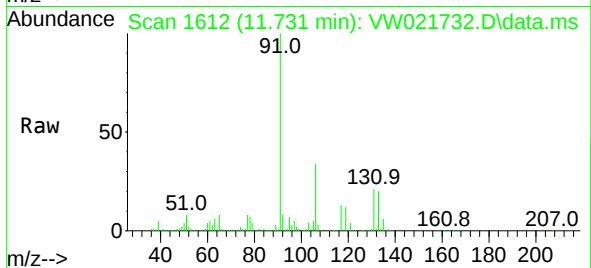
VSTDIC150

Tgt Ion: 91 Resp: 1145872

Ion Ratio Lower Upper

91 100

106 33.6 27.3 40.9



#68

m/p-Xylenes

Concen: 306.087 ug/l

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW021732.D

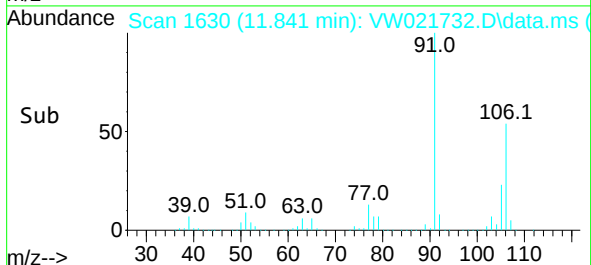
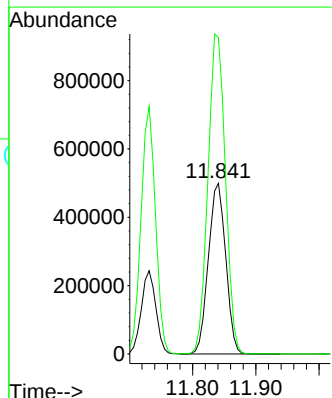
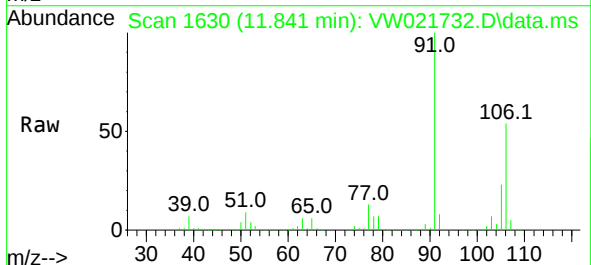
Acq: 05 Jan 2022 14:23

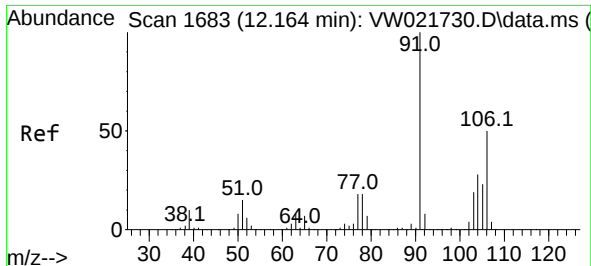
Tgt Ion:106 Resp: 949681

Ion Ratio Lower Upper

106 100

91 188.9 157.8 236.8

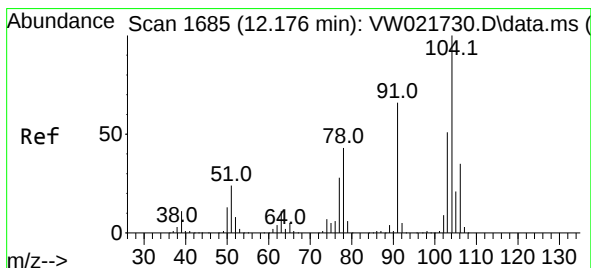
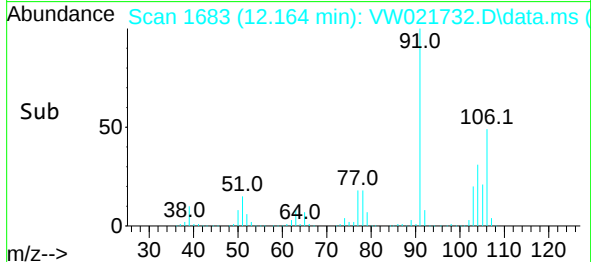
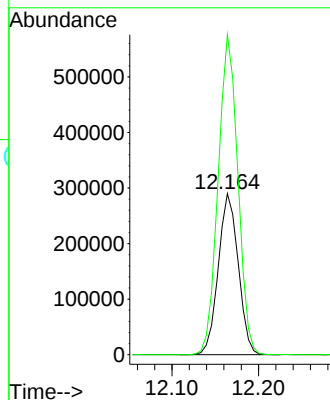
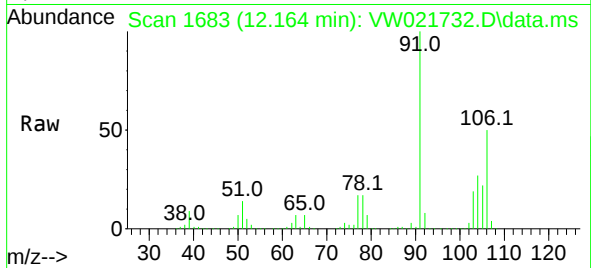




#69
o-Xylene
Concen: 158.167 ug/l
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

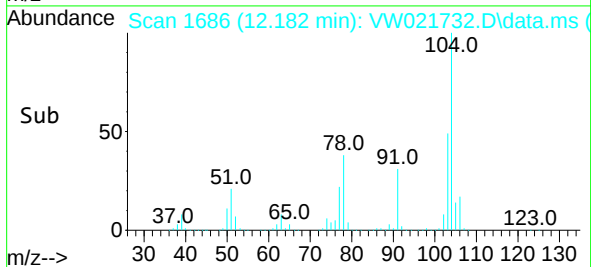
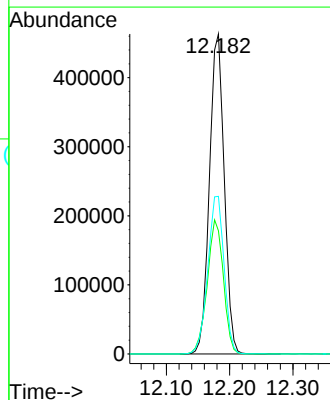
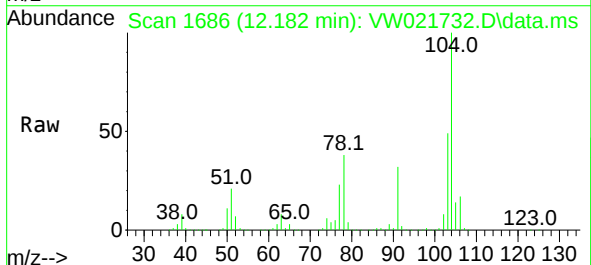
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

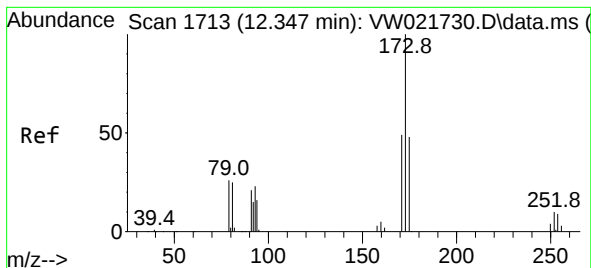
Tgt Ion:106 Resp: 463012
Ion Ratio Lower Upper
106 100
91 196.7 104.3 312.9



#70
Styrene
Concen: 159.911 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion:104 Resp: 754647
Ion Ratio Lower Upper
104 100
78 45.7 39.4 59.2
103 54.5 42.6 63.8





#71

Bromoform

Concen: 151.401 ug/l

RT: 12.347 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

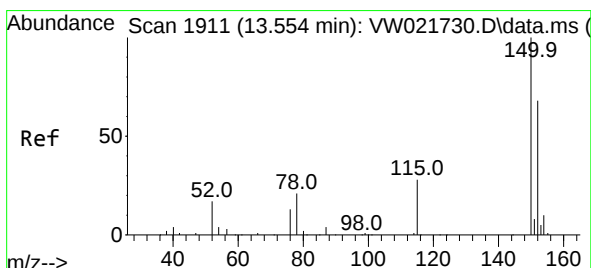
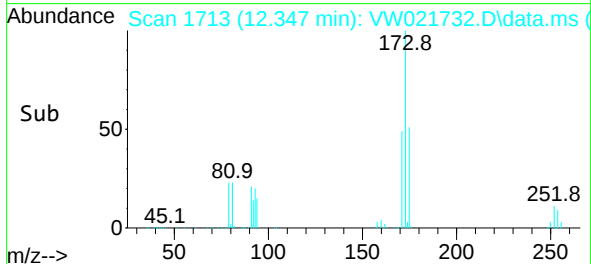
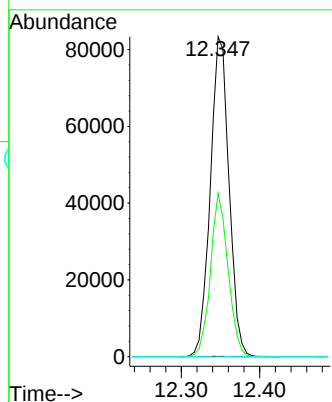
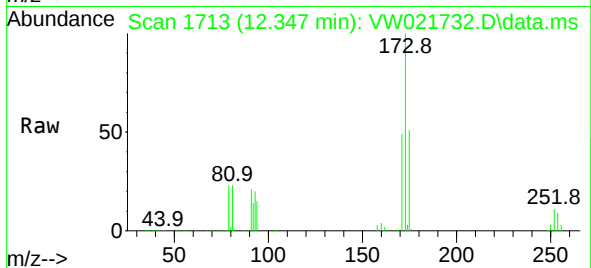
Tgt Ion:173 Resp: 138056

Ion Ratio Lower Upper

173 100

175 48.0 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.554 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

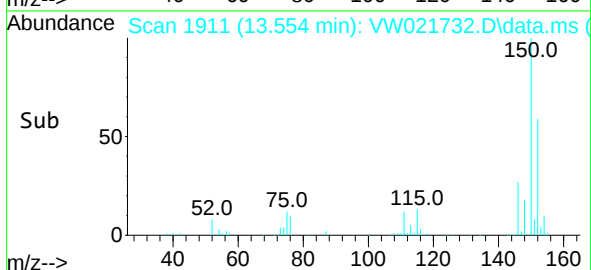
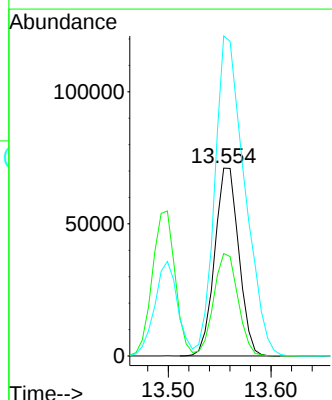
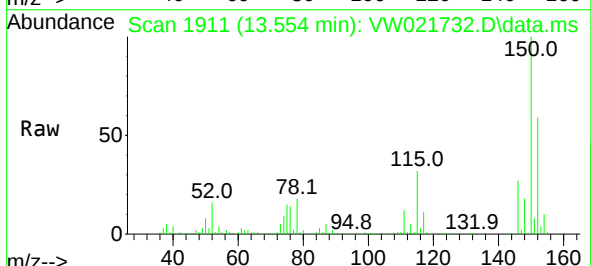
Tgt Ion:152 Resp: 115567

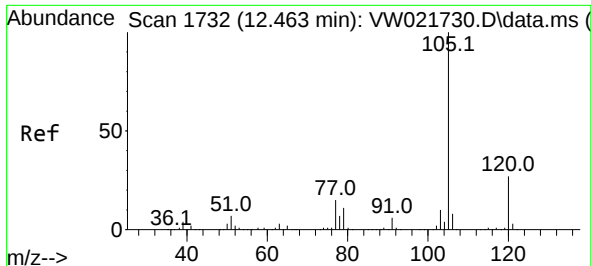
Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.3

150 210.8 0.0 348.4

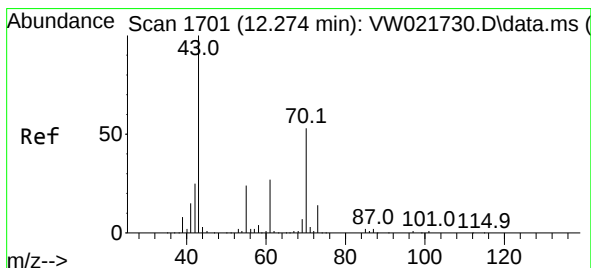
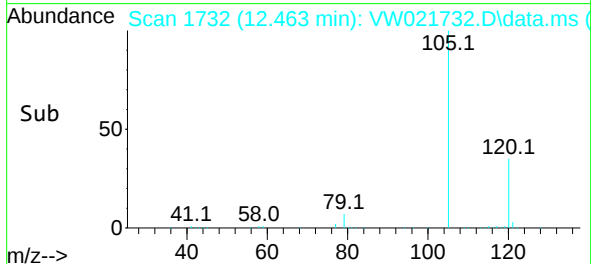
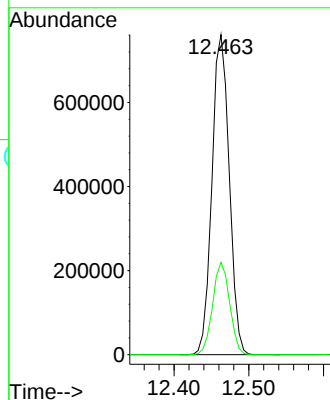
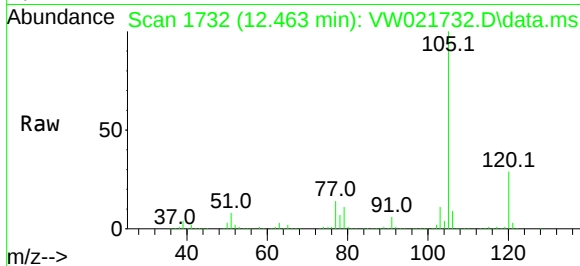




#73
Isopropylbenzene
Concen: 154.713 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

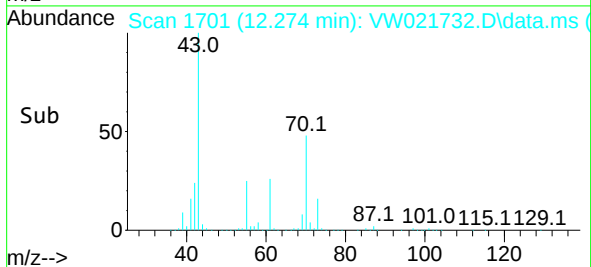
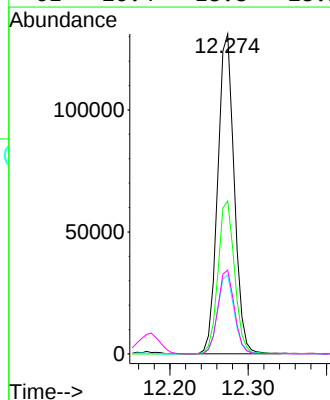
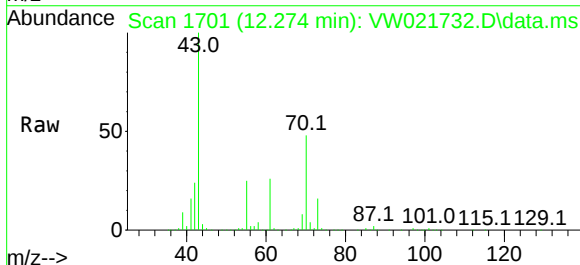
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

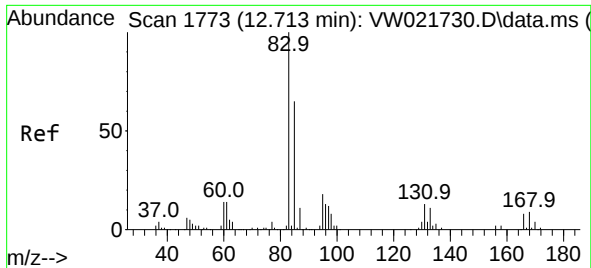
Tgt Ion:105 Resp: 1222416
Ion Ratio Lower Upper
105 100
120 28.4 13.9 41.7



#74
N-ethyl acetate
Concen: 160.411 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 43 Resp: 192104
Ion Ratio Lower Upper
43 100
70 48.2 33.7 50.5
55 25.1 18.5 27.7
61 26.4 18.8 28.2

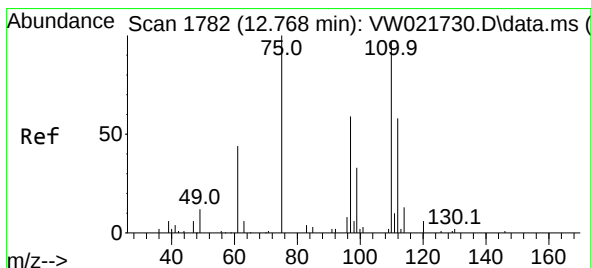
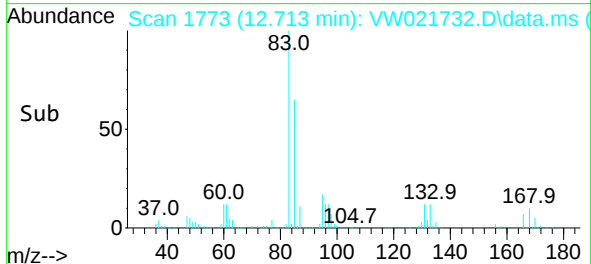
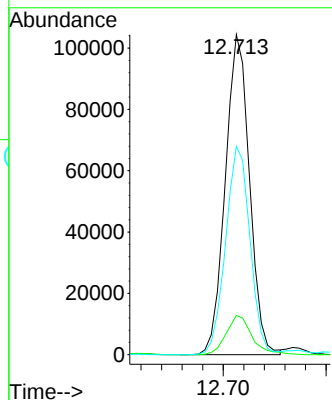
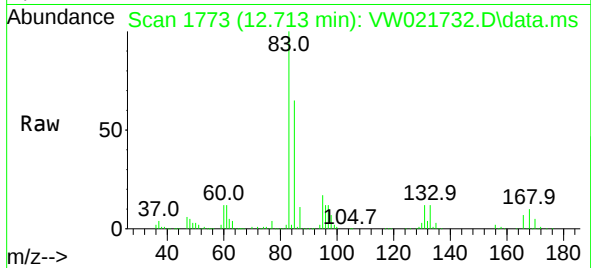




#75
1,1,2,2-Tetrachloroethane
Concen: 144.525 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

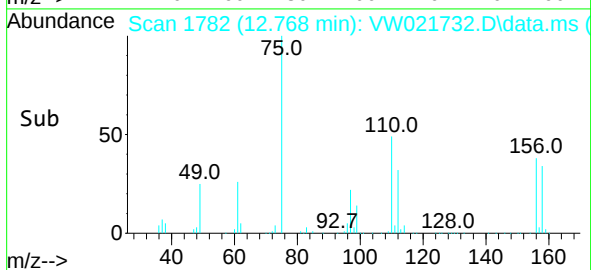
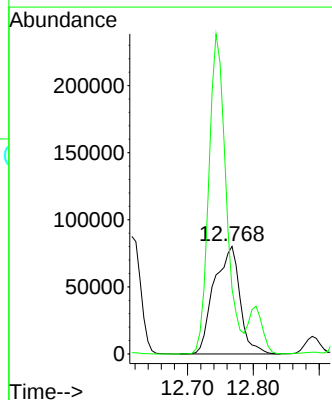
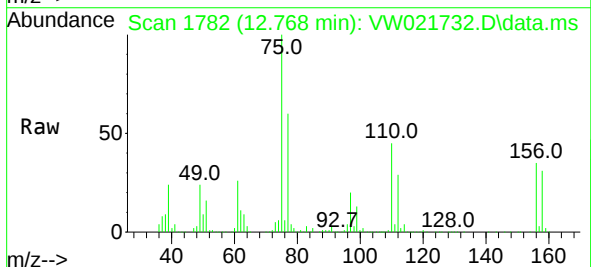
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

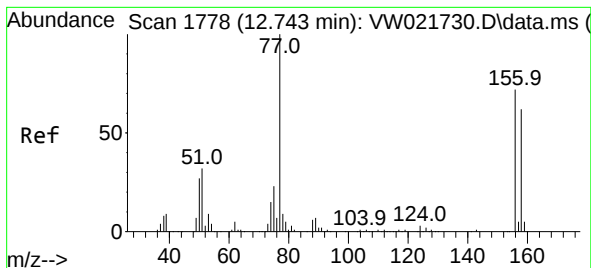
Tgt Ion: 83 Resp: 170726
Ion Ratio Lower Upper
83 100
131 13.1 5.9 17.6
85 65.7 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 255.951 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 75 Resp: 218789
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 155.788 ug/l

RT: 12.749 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

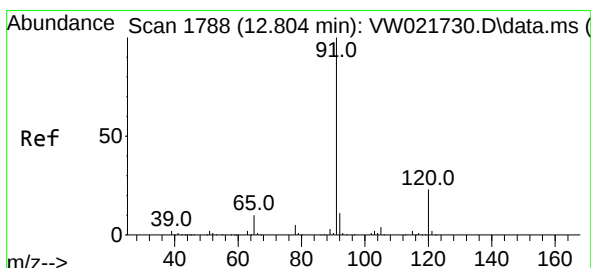
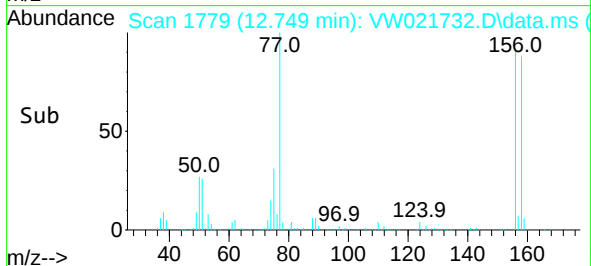
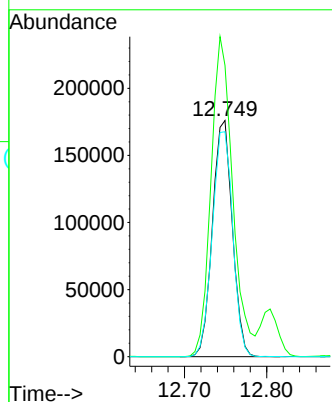
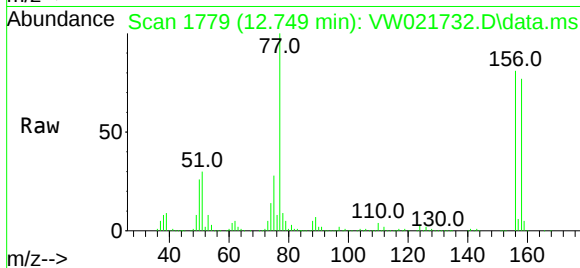
Tgt Ion:156 Resp: 296212

Ion Ratio Lower Upper

156 100

77 148.0 87.0 261.0

158 98.1 49.8 149.4



#78

n-propylbenzene

Concen: 150.574 ug/l

RT: 12.804 min Scan# 1788

Delta R.T. 0.000 min

Lab File: VW021732.D

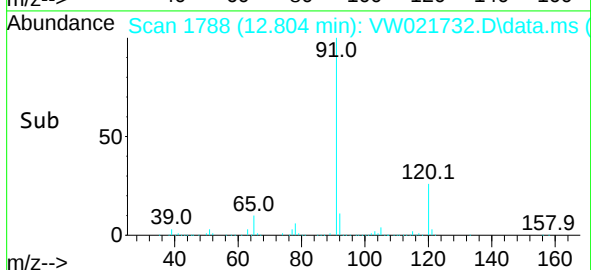
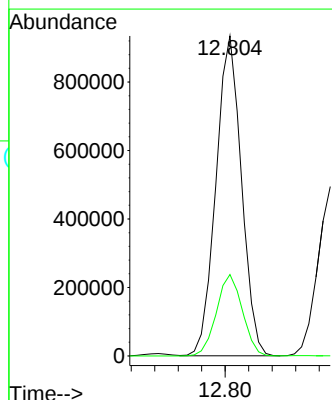
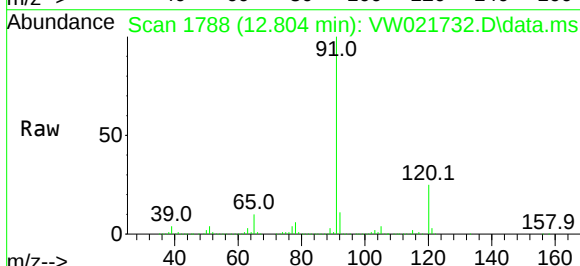
Acq: 05 Jan 2022 14:23

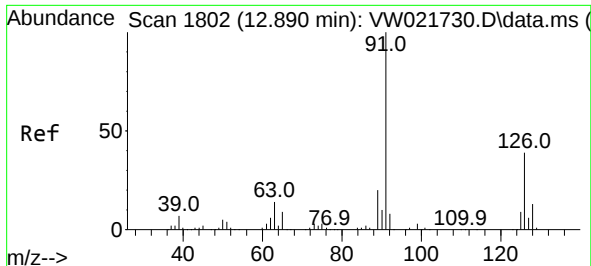
Tgt Ion: 91 Resp: 1407229

Ion Ratio Lower Upper

91 100

120 25.9 12.4 37.4





#79

2-Chlorotoluene

Concen: 146.780 ug/l

RT: 12.889 min Scan# 1802

Delta R.T. -0.001 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

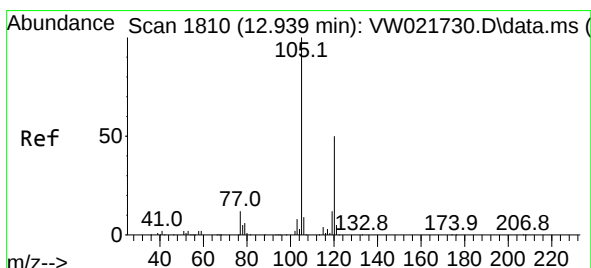
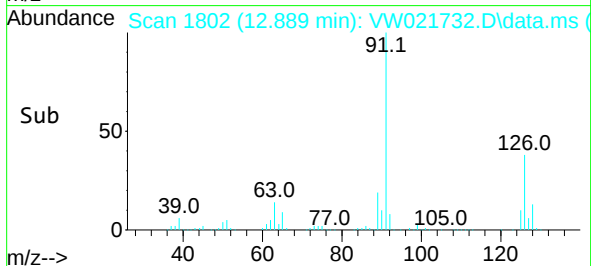
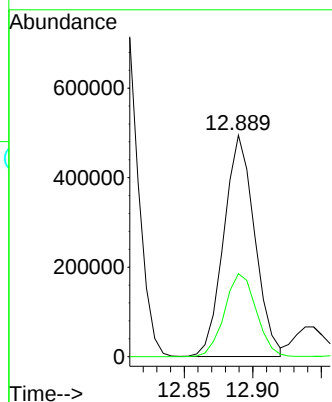
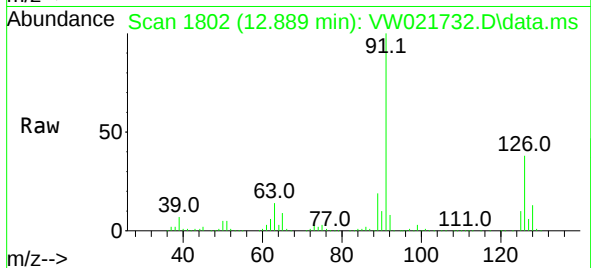
VSTDIC150

Tgt Ion: 91 Resp: 776335

Ion Ratio Lower Upper

91 100

126 38.5 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 151.168 ug/l

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021732.D

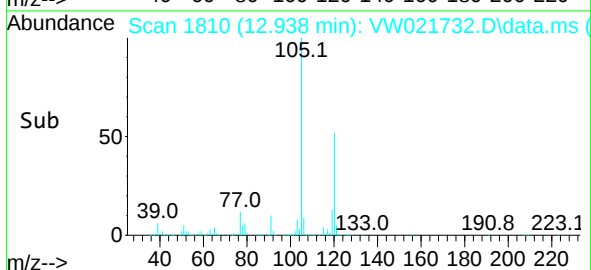
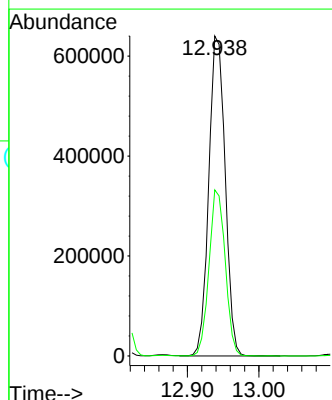
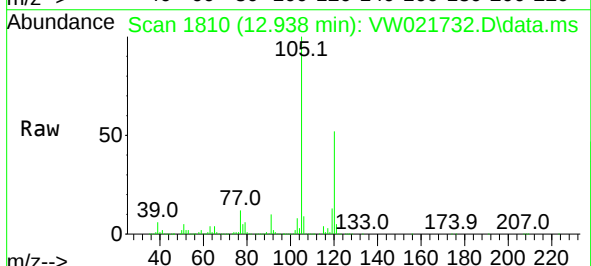
Acq: 05 Jan 2022 14:23

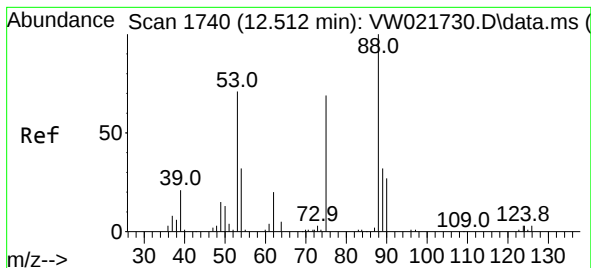
Tgt Ion:105 Resp: 1018479

Ion Ratio Lower Upper

105 100

120 51.3 24.7 74.1

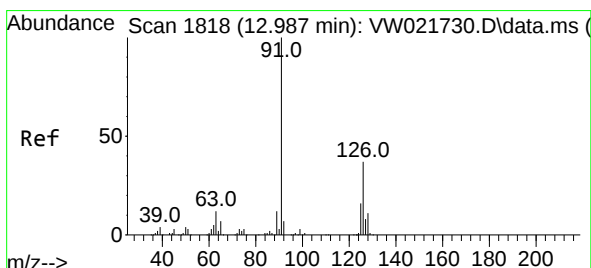
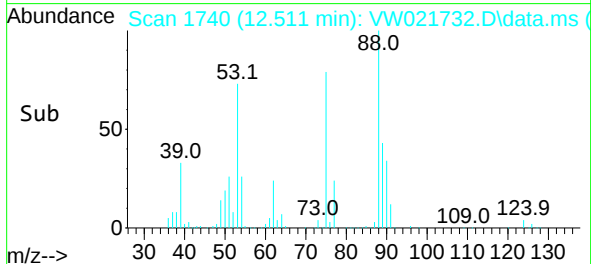
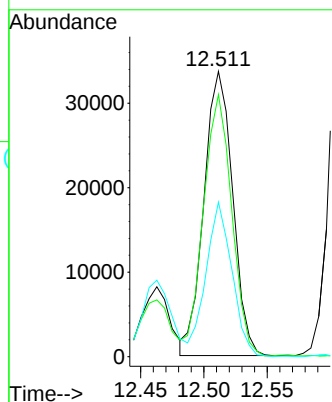
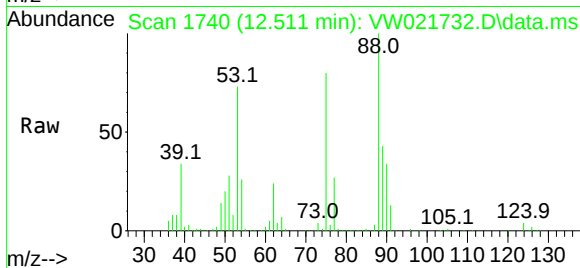




#81
trans-1,4-Dichloro-2-butene
Concen: 176.656 ug/l
RT: 12.511 min Scan# 11
Delta R.T. -0.001 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

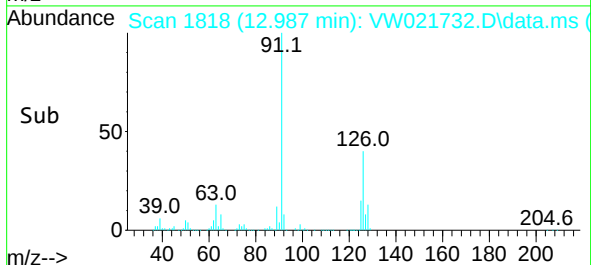
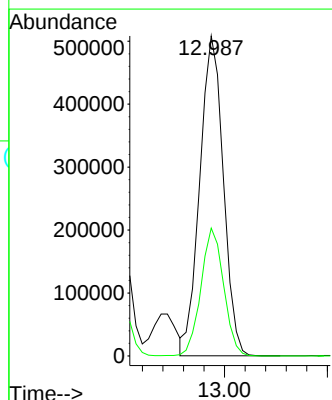
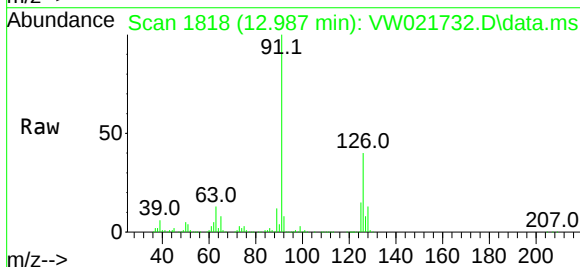
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

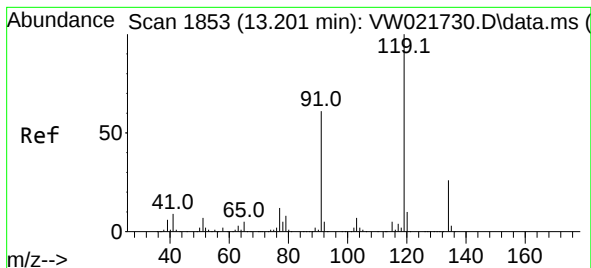
Tgt Ion: 75 Resp: 53222
Ion Ratio Lower Upper
75 100
53 90.5 81.8 122.8
89 49.1 38.6 57.8



#82
4-Chlorotoluene
Concen: 146.927 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW021732.D
Acq: 05 Jan 2022 14:23

Tgt Ion: 91 Resp: 808489
Ion Ratio Lower Upper
91 100
126 38.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 154.256 ug/l

RT: 13.206 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

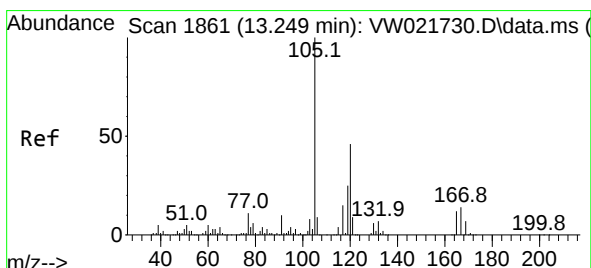
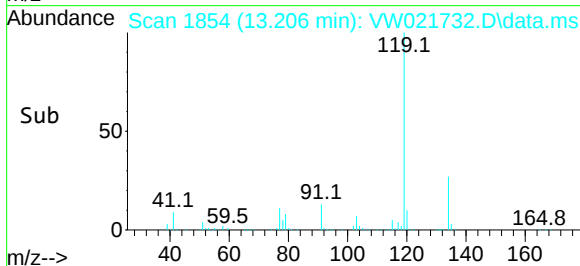
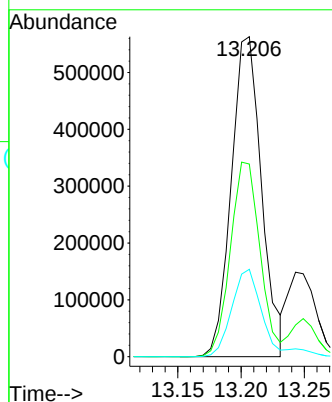
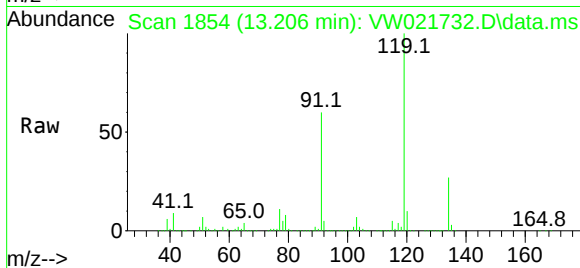
Tgt Ion:119 Resp: 937977

Ion Ratio Lower Upper

119 100

91 59.6 32.6 97.8

134 28.3 13.2 39.5



#84

1,2,4-Trimethylbenzene

Concen: 148.270 ug/l

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021732.D

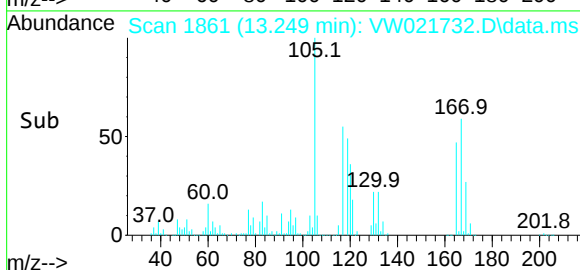
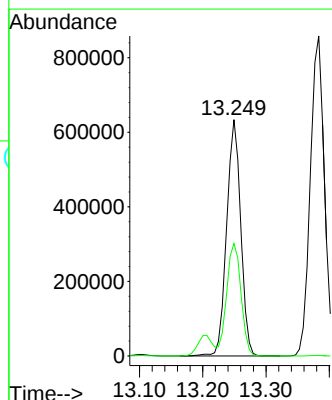
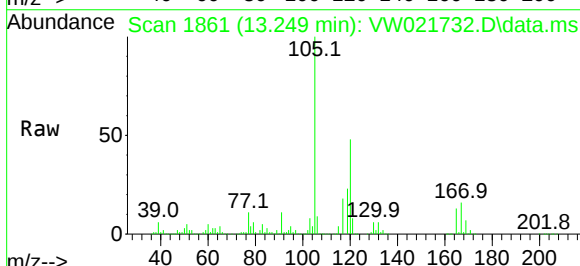
Acq: 05 Jan 2022 14:23

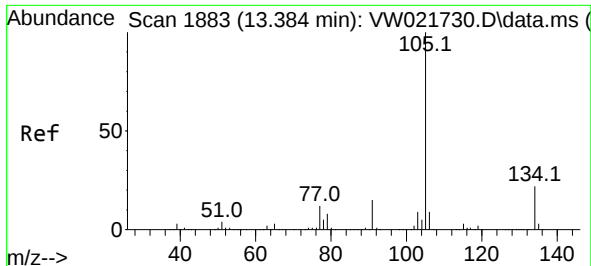
Tgt Ion:105 Resp: 978039

Ion Ratio Lower Upper

105 100

120 48.8 22.7 68.1

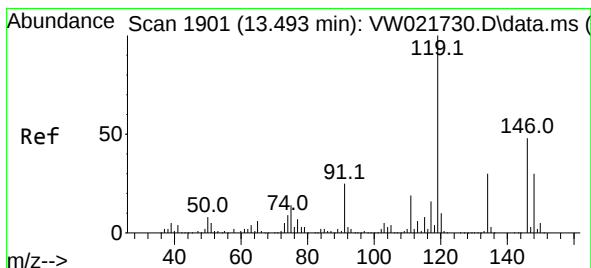
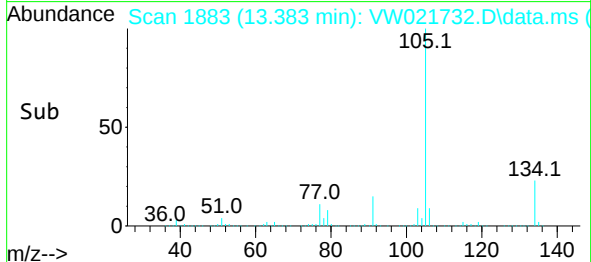
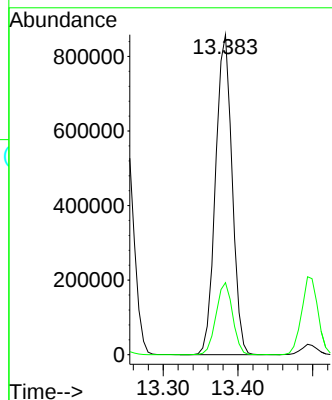
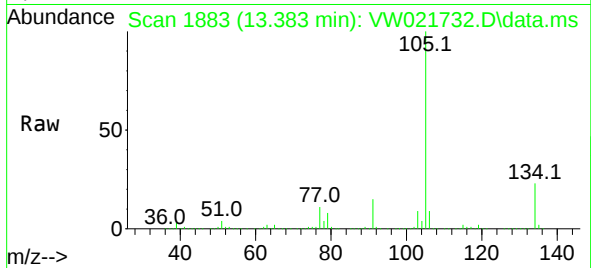




#85
 sec-Butylbenzene
 Concen: 149.461 ug/l
 RT: 13.383 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW021732.D
 Acq: 05 Jan 2022 14:23

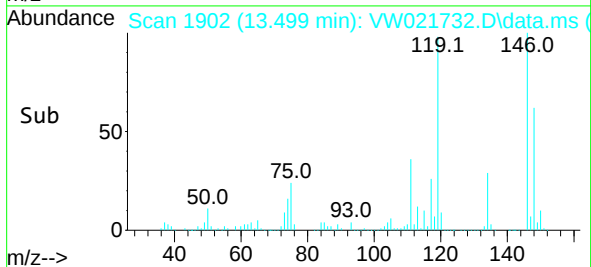
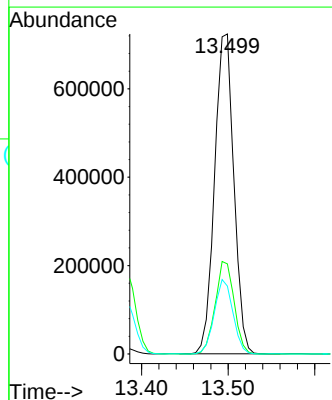
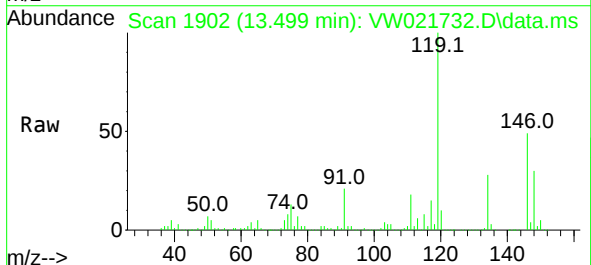
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

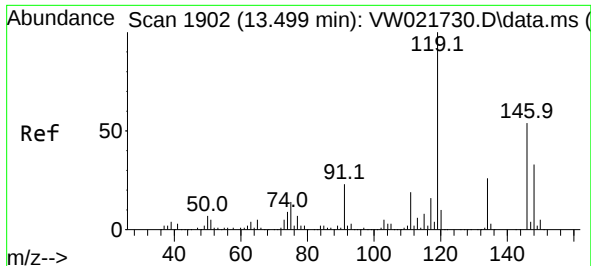
Tgt Ion:105 Resp: 1319253
 Ion Ratio Lower Upper
 105 100
 134 22.5 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 151.036 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW021732.D
 Acq: 05 Jan 2022 14:23

Tgt Ion:119 Resp: 1116010
 Ion Ratio Lower Upper
 119 100
 134 28.5 13.2 39.5
 91 22.5 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 151.263 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

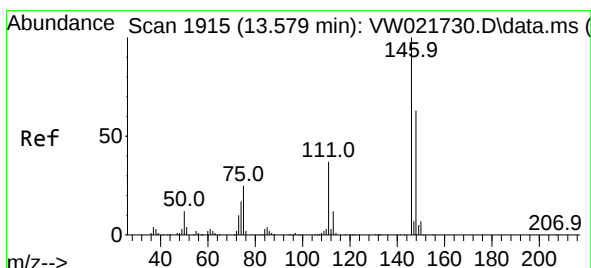
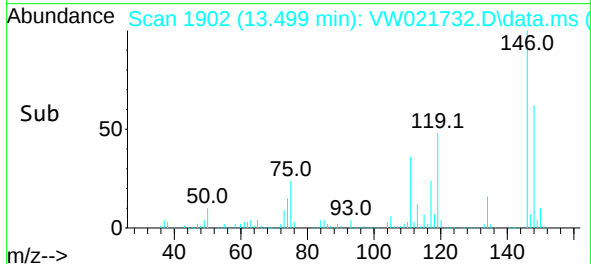
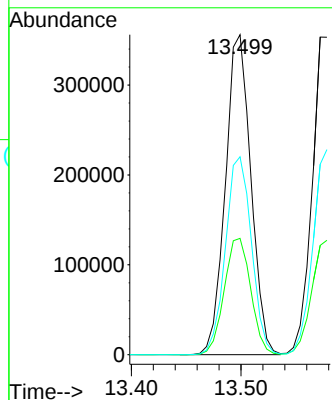
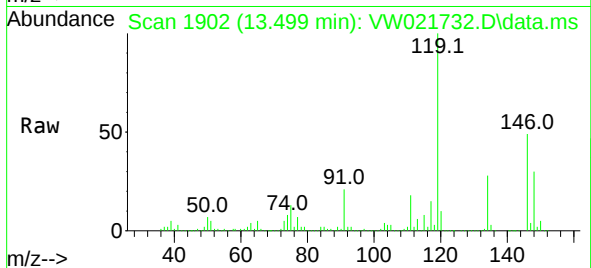
Tgt Ion:146 Resp: 576504

Ion Ratio Lower Upper

146 100

111 37.7 20.0 59.9

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 147.796 ug/l

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

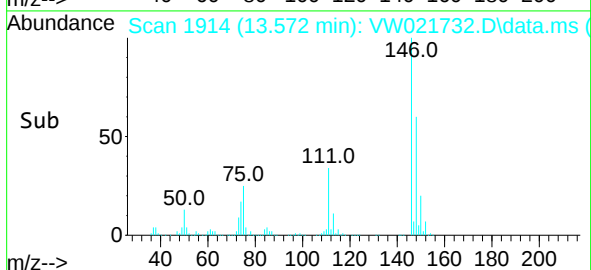
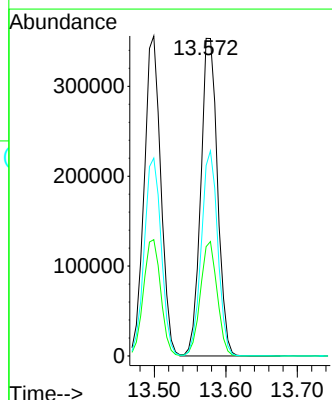
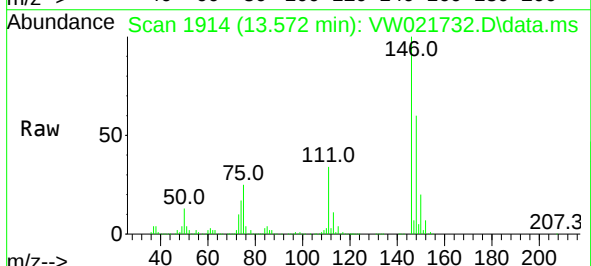
Tgt Ion:146 Resp: 574284

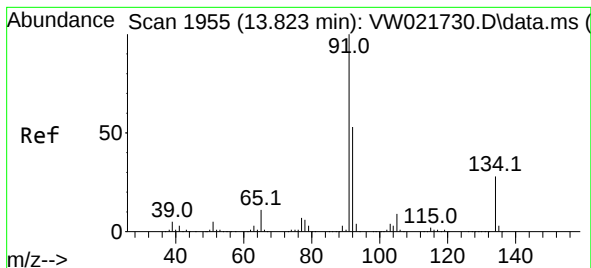
Ion Ratio Lower Upper

146 100

111 36.0 18.8 56.4

148 63.4 31.1 93.2





#89

n-Butylbenzene

Concen: 147.526 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

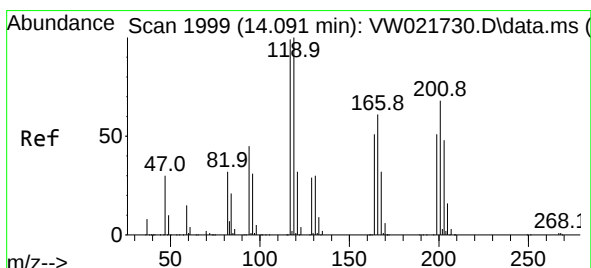
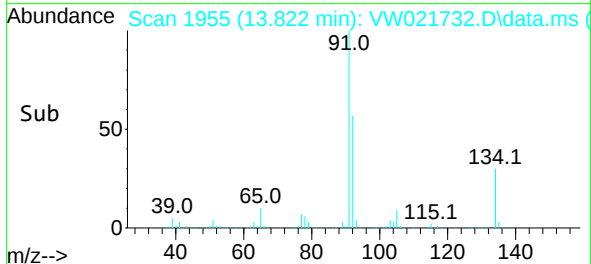
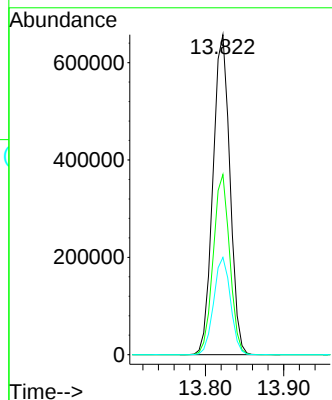
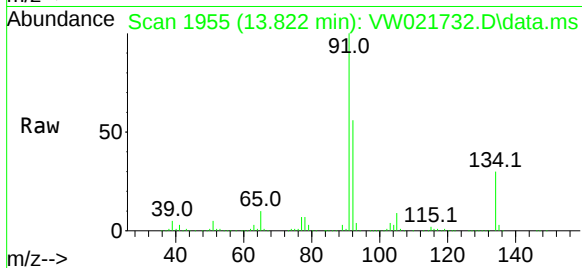
Tgt Ion: 91 Resp: 988445

Ion Ratio Lower Upper

91 100

92 54.8 26.5 79.4

134 30.2 13.6 40.8



#90

Hexachloroethane

Concen: 163.531 ug/l

RT: 14.090 min Scan# 1999

Delta R.T. -0.001 min

Lab File: VW021732.D

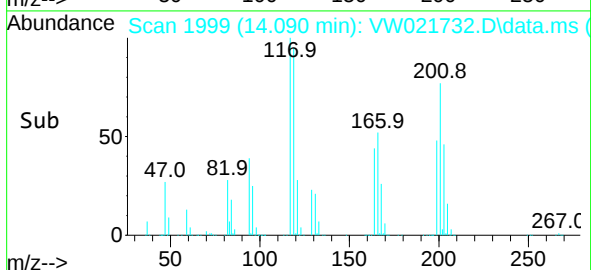
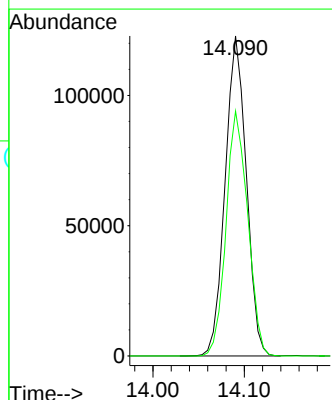
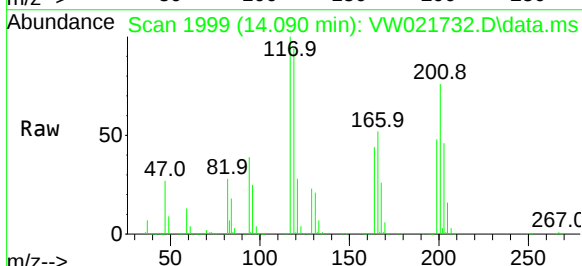
Acq: 05 Jan 2022 14:23

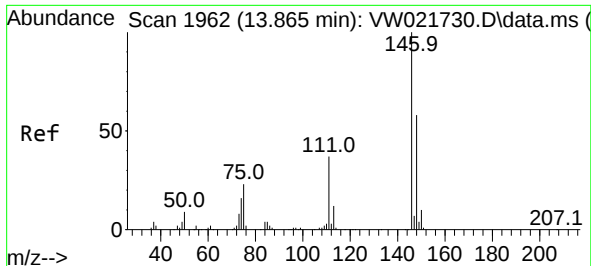
Tgt Ion: 117 Resp: 197883

Ion Ratio Lower Upper

117 100

201 78.3 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 149.450 ug/l

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

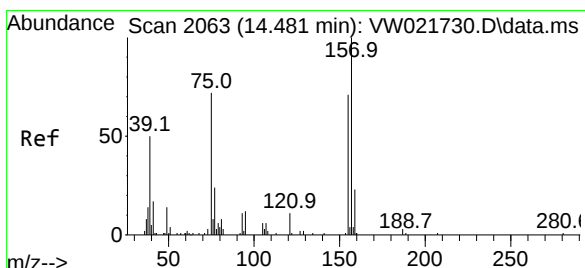
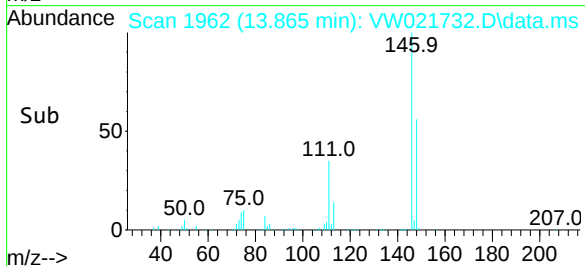
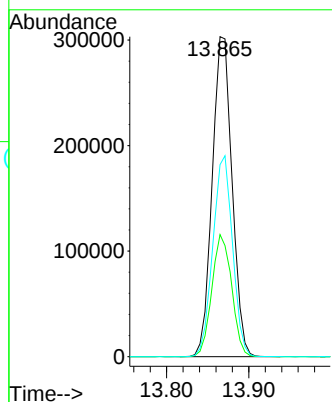
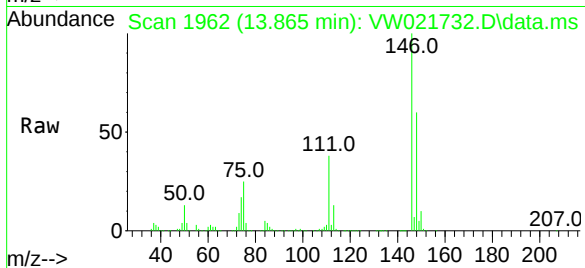
Tgt Ion:146 Resp: 508958

Ion Ratio Lower Upper

146 100

111 38.1 21.1 63.3

148 62.4 32.6 97.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 146.391 ug/l

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

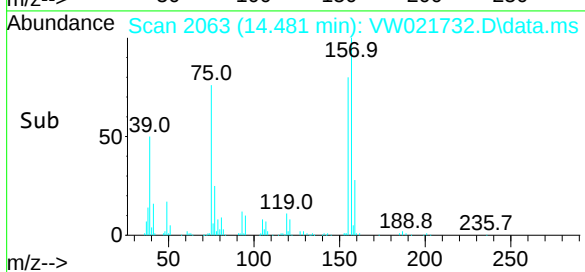
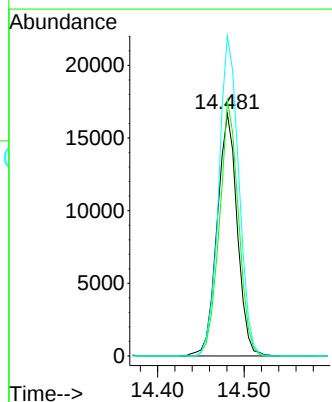
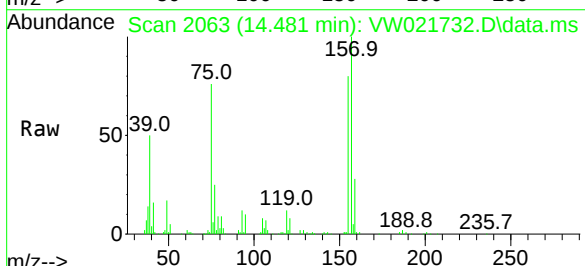
Tgt Ion: 75 Resp: 26867

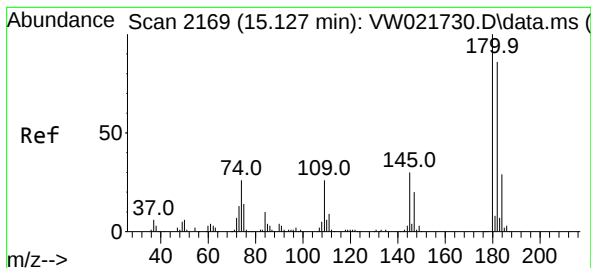
Ion Ratio Lower Upper

75 100

155 99.9 45.9 137.6

157 131.2 57.8 173.4





#93

1,2,4-Trichlorobenzene

Concen: 158.984 ug/l

RT: 15.133 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

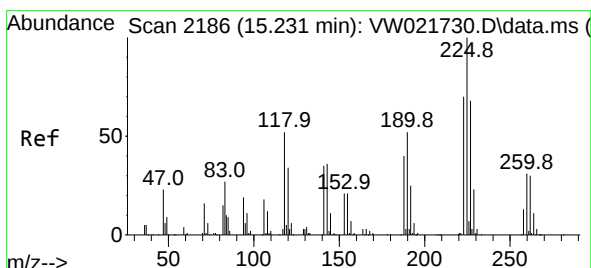
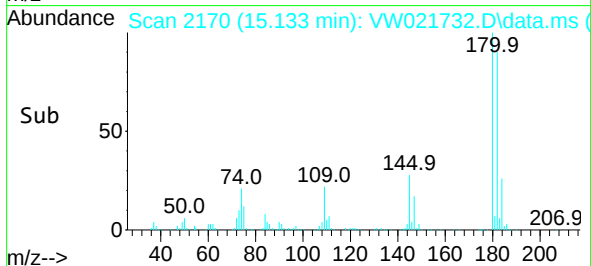
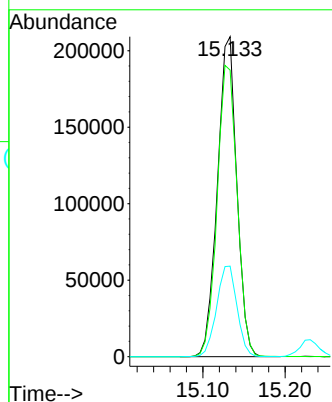
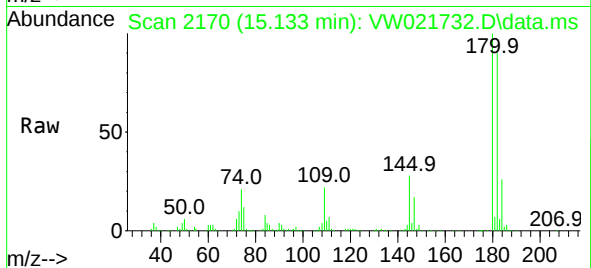
Tgt Ion:180 Resp: 343055

Ion Ratio Lower Upper

180 100

182 93.9 46.5 139.3

145 29.8 15.0 45.1



#94

Hexachlorobutadiene

Concen: 138.280 ug/l

RT: 15.231 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

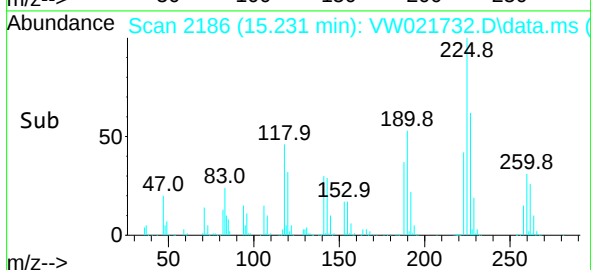
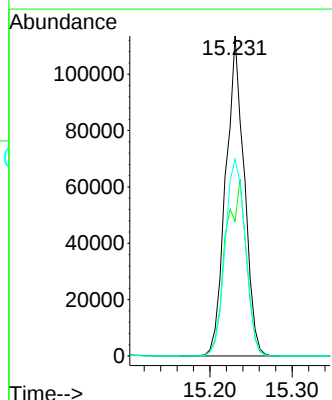
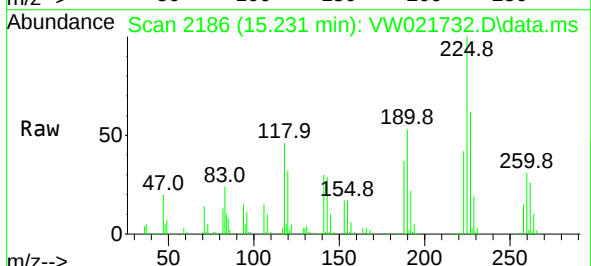
Tgt Ion:225 Resp: 177326

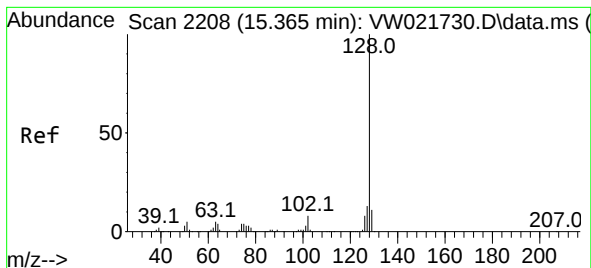
Ion Ratio Lower Upper

225 100

223 61.8 31.1 93.3

227 67.4 32.8 98.3





#95

Naphthalene

Concen: 161.725 ug/l

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

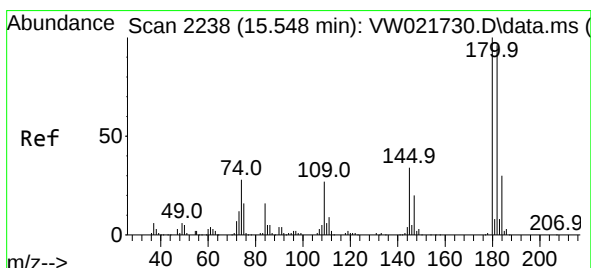
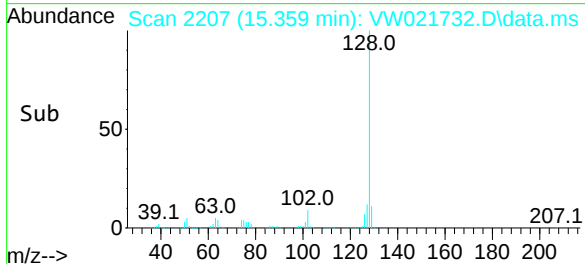
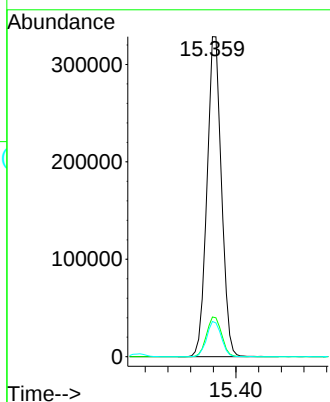
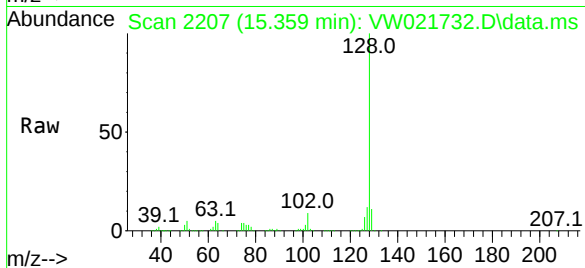
Tgt Ion:128 Resp: 580013

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 155.079 ug/l

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021732.D

Acq: 05 Jan 2022 14:23

Tgt Ion:180 Resp: 281200

Ion Ratio Lower Upper

180 100

182 97.4 46.2 138.6

145 32.2 14.9 44.5

