

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020917.D
 Acq On : 17 Nov 2021 21:47
 Operator : SY/VA
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 18 05:30:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	74655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	112875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	104372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	54643	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	35520	51.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.720%	
35) Dibromofluoromethane	7.885	113	34964	49.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.760%	
50) Toluene-d8	10.323	98	128420	49.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.615	95	47001	48.534	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	217	1.598	ug/l #	41
3) Chloromethane	2.215	50	1176	2.736	ug/l	94
4) Vinyl Chloride	2.355	62	1700	2.246	ug/l	96
5) Bromomethane	2.776	94	1725	3.541	ug/l	96
6) Chloroethane	2.916	64	704	2.413	ug/l	99
7) Trichlorofluoromethane	3.251	101	805	2.565	ug/l	100
8) Diethyl Ether	3.678	74	849	2.575	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	1645	2.541	ug/l	96
10) Methyl Iodide	4.269	142	2190	2.242	ug/l	99
11) Tert butyl alcohol	5.123	59	4850	79.607	ug/l #	84
12) 1,1-Dichloroethene	4.044	96	1578	2.487	ug/l #	84
13) Acrolein	3.891	56	52	4.934	ug/l #	11
14) Allyl chloride	4.653	41	2206	2.422	ug/l	99
15) Acrylonitrile	5.367	53	1738	12.186	ug/l	97
16) Acetone	4.135	43	2514	17.489	ug/l	99
17) Carbon Disulfide	4.379	76	4183	2.399	ug/l	98
18) Methyl Acetate	4.678	43	1349	2.689	ug/l #	75
19) Methyl tert-butyl Ether	5.428	73	2860	2.616	ug/l	98
20) Methylene Chloride	4.916	84	3802	4.735	ug/l #	83
21) trans-1,2-Dichloroethene	5.428	96	1757	2.433	ug/l	96
22) Diisopropyl ether	6.318	45	4446	2.379	ug/l #	88
23) Vinyl Acetate	6.257	43	12692	11.604	ug/l	97
24) 1,1-Dichloroethane	6.214	63	2937	2.470	ug/l #	93
25) 2-Butanone	7.177	43	3041	14.895	ug/l	94
26) 2,2-Dichloropropane	7.159	77	2648	3.138	ug/l	80
27) cis-1,2-Dichloroethene	7.171	96	2177	2.698	ug/l	91
28) Bromochloromethane	7.513	49	1183	2.351	ug/l #	88
29) Tetrahydrofuran	7.537	42	1549	12.511	ug/l	97
30) Chloroform	7.677	83	3328	2.544	ug/l	94
31) Cyclohexane	7.952	56	4189	3.631	ug/l #	68
32) 1,1,1-Trichloroethane	7.878	97	2725	2.467	ug/l	97
36) 1,1-Dichloropropene	8.080	75	2533	2.498	ug/l	97
37) Ethyl Acetate	7.257	43	1349	2.917	ug/l #	87
38) Carbon Tetrachloride	8.074	117	2578	2.390	ug/l	90
39) Methylcyclohexane	9.336	83	3225	2.533	ug/l	94
40) Benzene	8.323	78	8749	3.026	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	523	2.121	ug/l #	84
42) 1,2-Dichloroethane	8.403	62	2312	2.636	ug/l	95
43) Isopropyl Acetate	8.427	43	2168	2.388	ug/l	99
44) Trichloroethene	9.092	130	2110	2.501	ug/l	98
45) 1,2-Dichloropropane	9.366	63	1624	2.439	ug/l #	78
46) Dibromomethane	9.451	93	1116	2.645	ug/l	92
47) Bromodichloromethane	9.640	83	2380	2.385	ug/l	99
48) Methyl methacrylate	9.439	41	1099	2.722	ug/l	88
49) 1,4-Dioxane	9.445	88	352	57.906	ug/l #	62
51) 4-Methyl-2-Pentanone	10.207	43	6121	13.244	ug/l	98
52) Toluene	10.384	92	4837	2.603	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	2139	2.158	ug/l	92
54) cis-1,3-Dichloropropene	10.067	75	2589	2.309	ug/l #	91
55) 1,1,2-Trichloroethane	10.786	97	1374	2.429	ug/l	96
56) Ethyl methacrylate	10.646	69	1645	2.284	ug/l	95
57) 1,3-Dichloropropane	10.933	76	2318	2.434	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	5316	14.667	ug/l	97
59) 2-Hexanone	10.969	43	3500	10.886	ug/l	95
60) Dibromochloromethane	11.128	129	1558	2.185	ug/l	92
61) 1,2-Dibromoethane	11.238	107	1344	2.395	ug/l	99
64) Tetrachloroethene	10.866	164	2016	2.600	ug/l #	79
65) Chlorobenzene	11.658	112	5278	2.515	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	1895	2.429	ug/l	97
67) Ethyl Benzene	11.731	91	8974	2.437	ug/l	99
68) m/p-Xylenes	11.835	106	7354	4.940	ug/l	99
69) o-Xylene	12.164	106	3421	2.451	ug/l	98
70) Styrene	12.183	104	5554	2.369	ug/l	99
71) Bromoform	12.347	173	986	2.186	ug/l #	94
73) Isopropylbenzene	12.463	105	9226	2.471	ug/l	99
74) N-amyl acetate	12.274	43	2061	2.317	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	1554	2.385	ug/l	94
76) 1,2,3-Trichloropropane	12.768	75	2046	4.167	ug/l #	100
77) Bromobenzene	12.743	156	2467	2.720	ug/l	90
78) n-propylbenzene	12.804	91	11259	2.560	ug/l	96
79) 2-Chlorotoluene	12.890	91	6634	2.610	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	8114	2.534	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.615	75	25647	122.883	ug/l #	9
82) 4-Chlorotoluene	12.987	91	6819	2.530	ug/l	99
83) tert-Butylbenzene	13.201	119	7097	2.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	8059	2.549	ug/l	100
85) sec-Butylbenzene	13.377	105	10040	2.438	ug/l	98
86) p-Isopropyltoluene	13.493	119	8569	2.413	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	4756	2.587	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	5088	2.755	ug/l	88
89) n-Butylbenzene	13.823	91	7897	2.477	ug/l	99
90) Hexachloroethane	14.091	117	1685	2.520	ug/l	79
91) 1,2-Dichlorobenzene	13.865	146	4291	2.657	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	255	2.229	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	3286	2.856	ug/l	99
94) Hexachlorobutadiene	15.231	225	1744	2.672	ug/l	99
95) Naphthalene	15.365	128	5865	2.750	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	3036	2.992	ug/l	97

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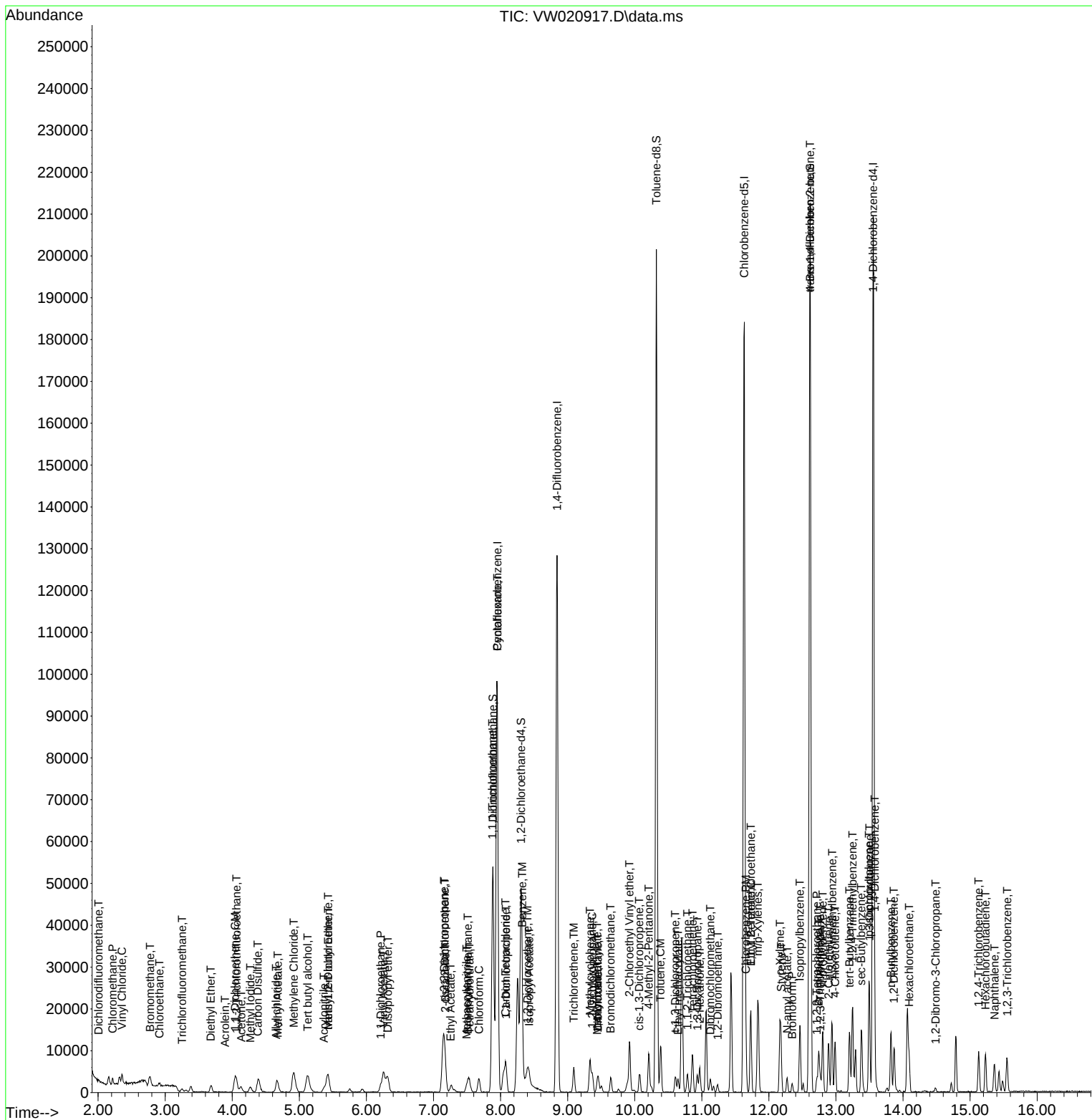
Instrument :
MSVOA_W
ClientSampleId :

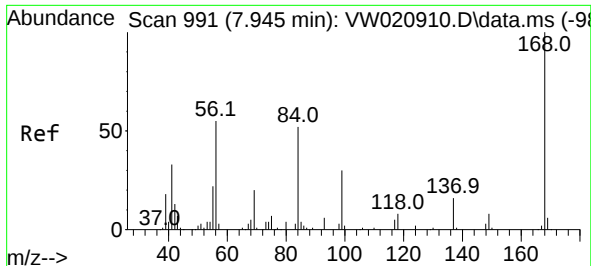
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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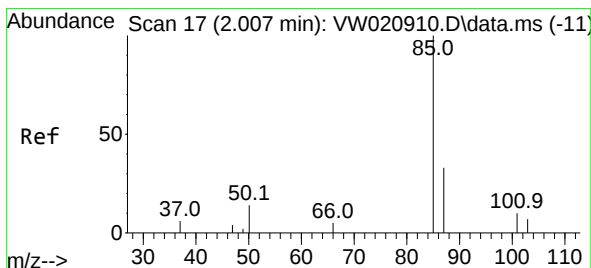
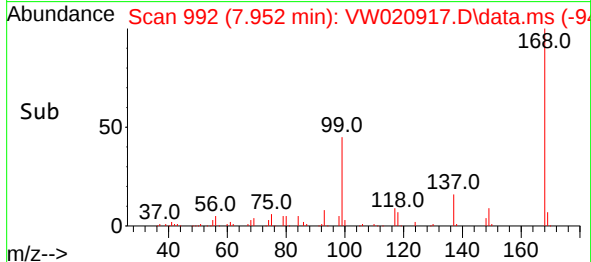
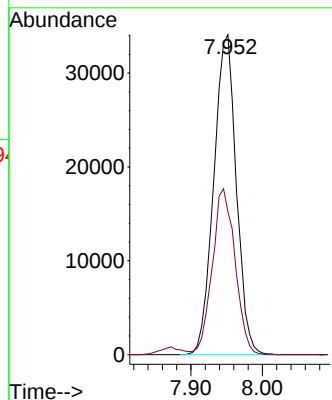
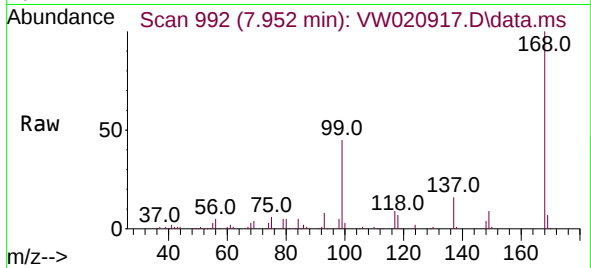




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.007 min
Lab File: VW020917.D
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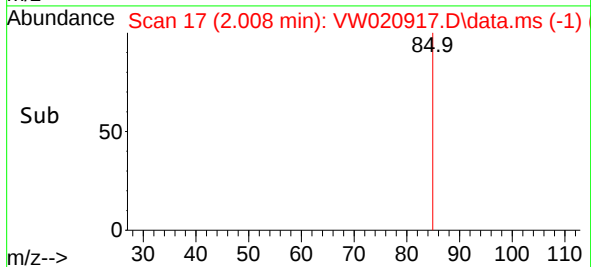
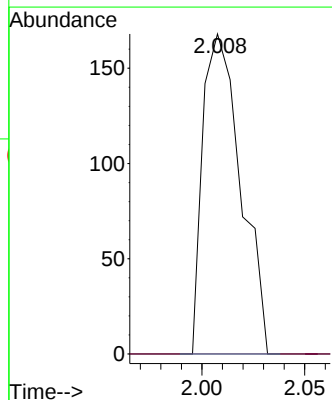
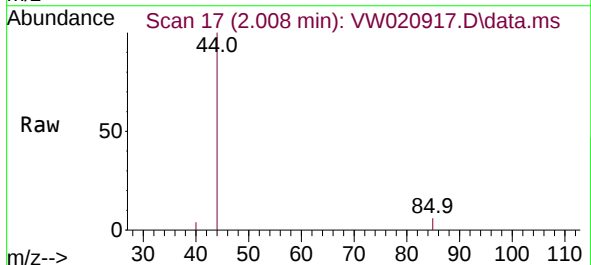
Instrument :
MSVOA_W
ClientSampleId :

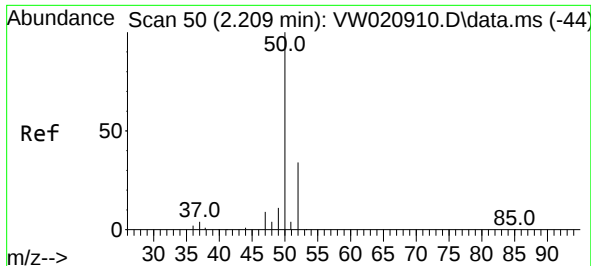
Tgt Ion:168 Resp: 74655
Ion Ratio Lower Upper
168 100
99 44.7 41.6 62.4



#2
Dichlorodifluoromethane
Concen: 1.598 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.001 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

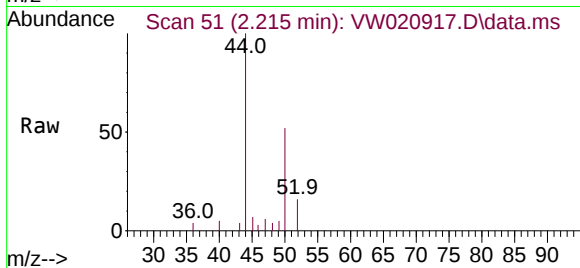
Tgt Ion: 85 Resp: 217
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.3#



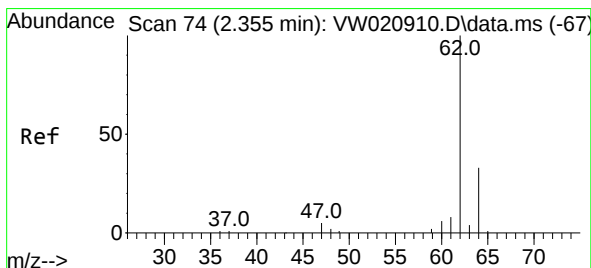
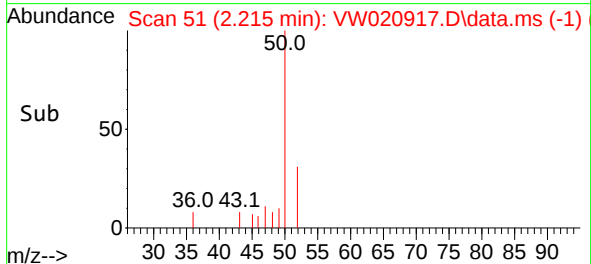
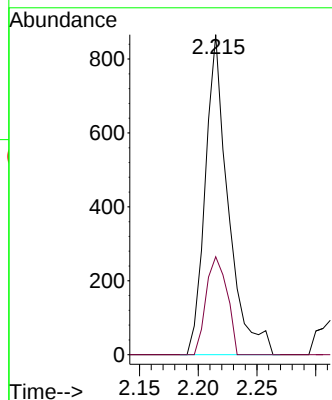


#3
Chloromethane
Concen: 2.736 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :

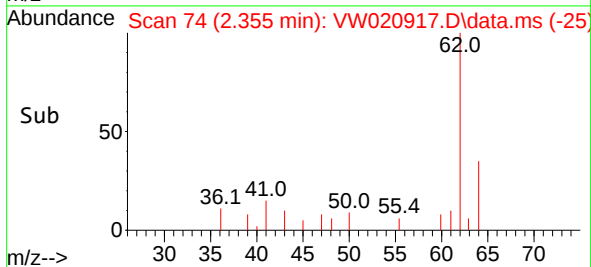
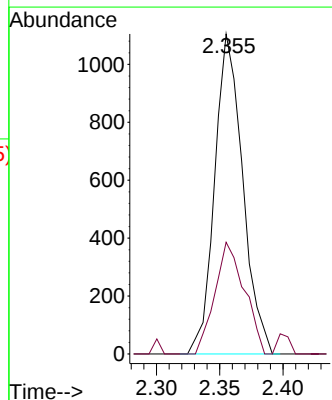
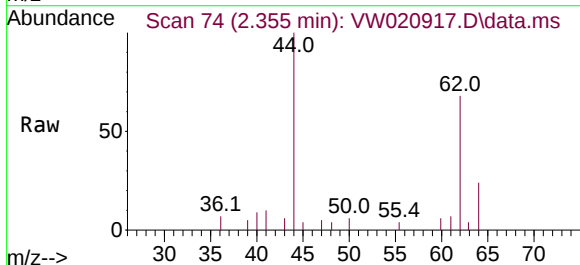


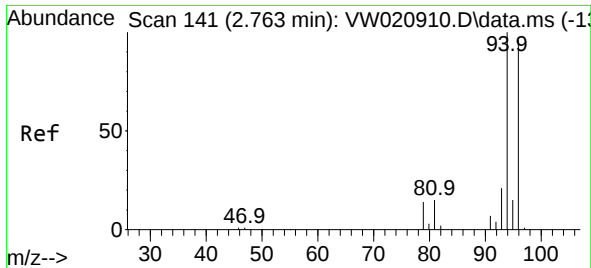
Tgt Ion: 50 Resp: 1176
Ion Ratio Lower Upper
50 100
52 30.6 27.2 40.8



#4
Vinyl Chloride
Concen: 2.246 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 62 Resp: 1700
Ion Ratio Lower Upper
62 100
64 34.9 26.2 39.4

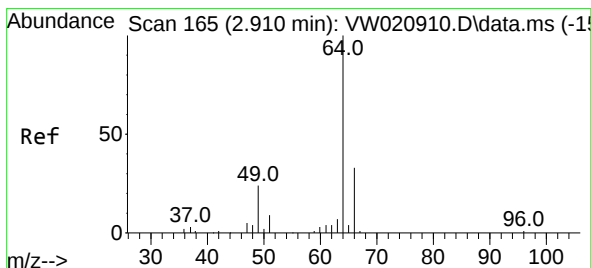
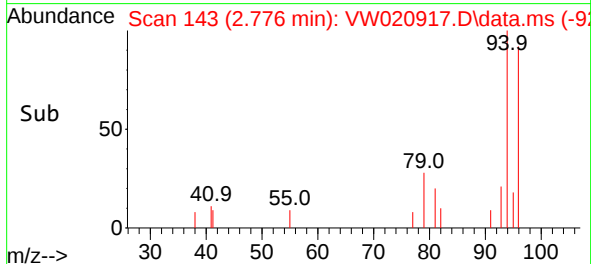
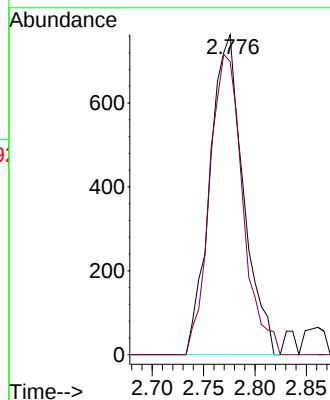
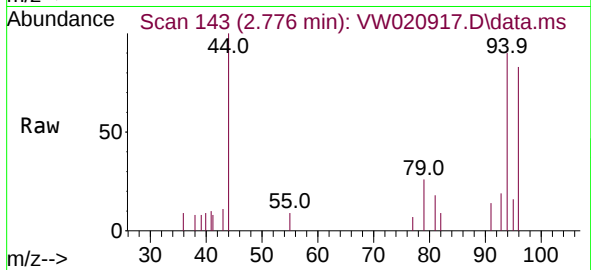




#5
Bromomethane
Concen: 3.541 ug/l
RT: 2.776 min Scan# 141
Delta R.T. 0.012 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

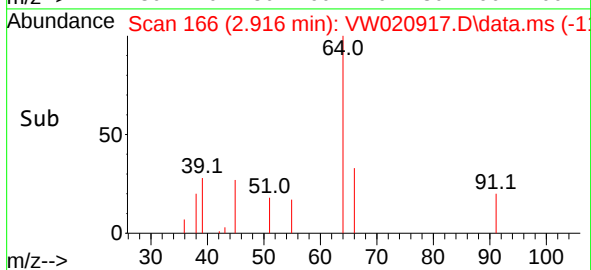
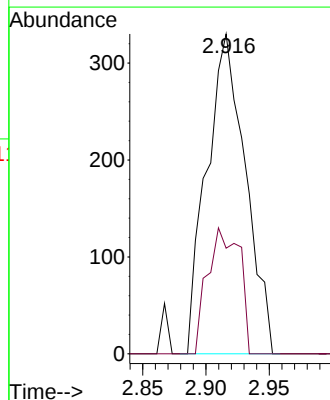
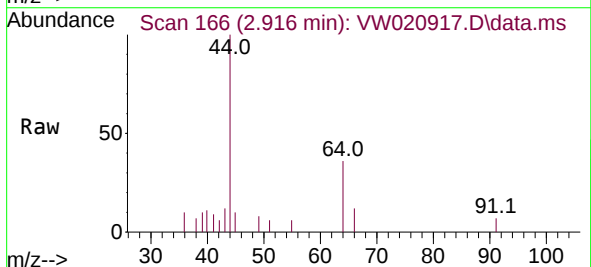
Instrument :
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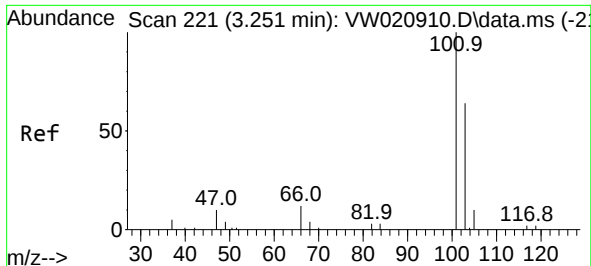
Tgt Ion: 94 Resp: 1725
Ion Ratio Lower Upper
94 100
96 91.6 76.4 114.6



#6
Chloroethane
Concen: 2.413 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

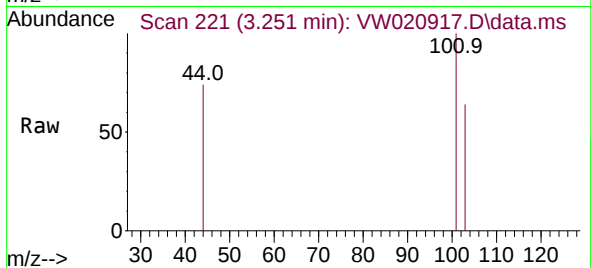
Tgt Ion: 64 Resp: 704
Ion Ratio Lower Upper
64 100
66 33.0 26.7 40.1



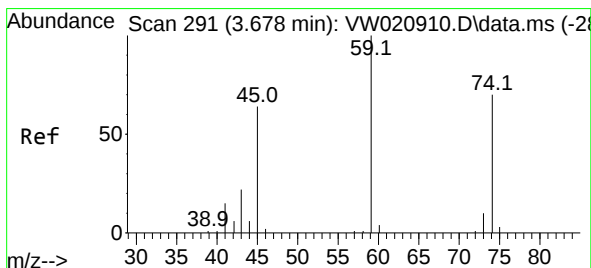
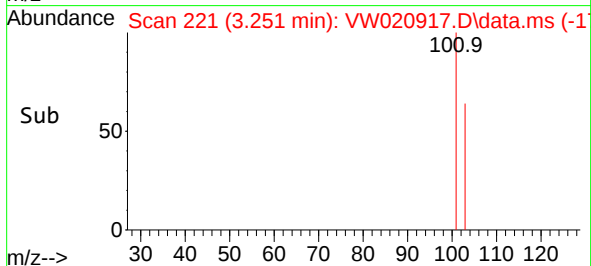
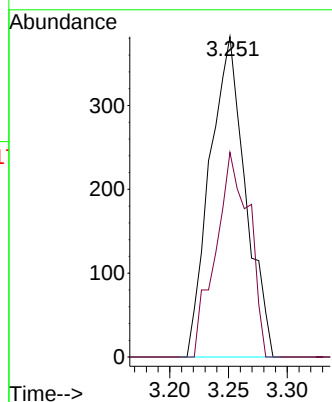


#7
 Trichlorofluoromethane
 Concen: 2.565 ug/l
 RT: 3.251 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW020917.D
 Acq: 17 Nov 2021 21:47

Instrument :
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 ClientSampleId :

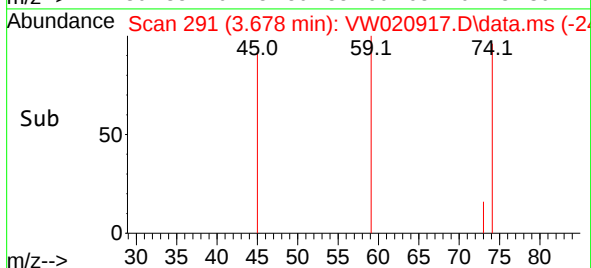
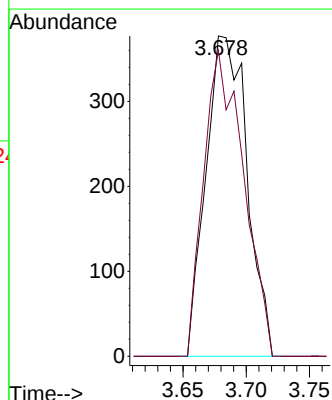
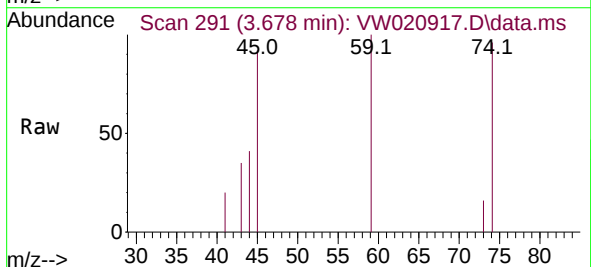


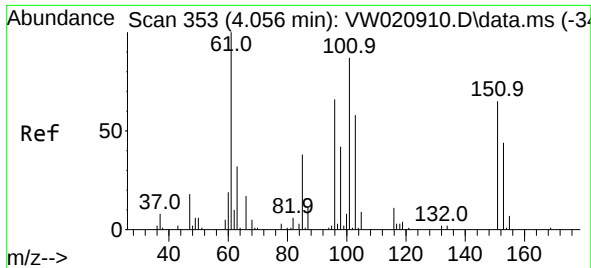
Tgt Ion:101 Resp: 805
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.9 76.3



#8
 Diethyl Ether
 Concen: 2.575 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VW020917.D
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Tgt Ion: 74 Resp: 849
 Ion Ratio Lower Upper
 74 100
 45 92.8 45.3 135.8

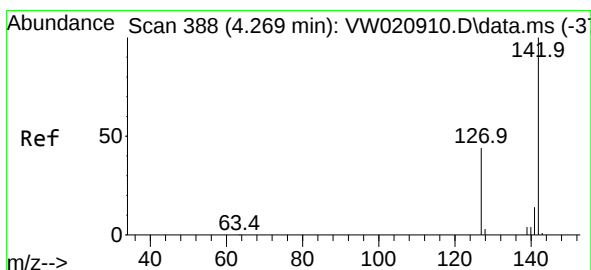
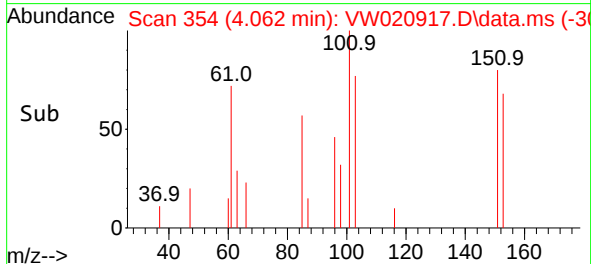
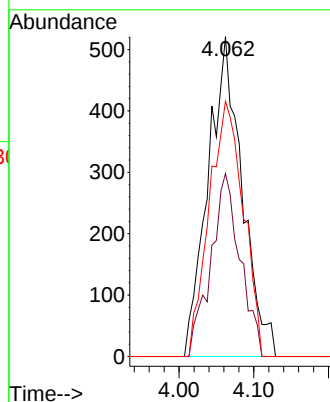
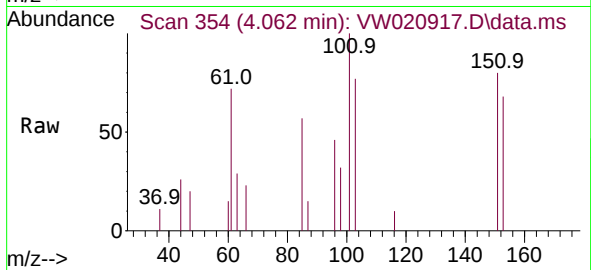




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.541 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020917.D
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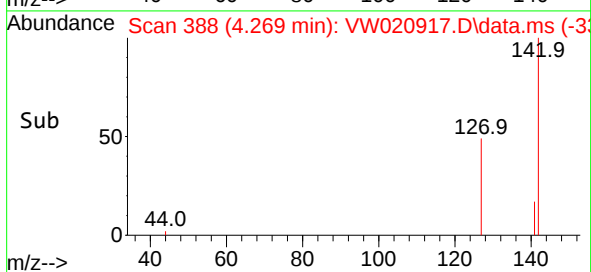
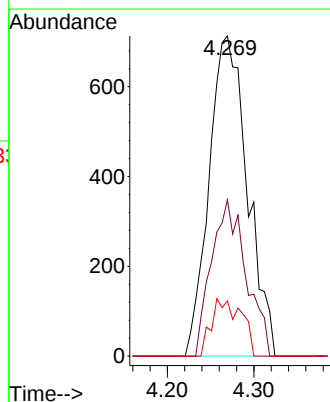
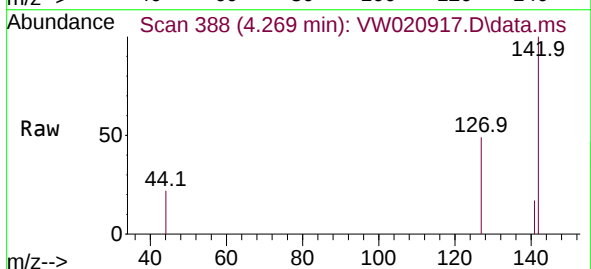
Instrument :
MSVOA_W
ClientSampleId :

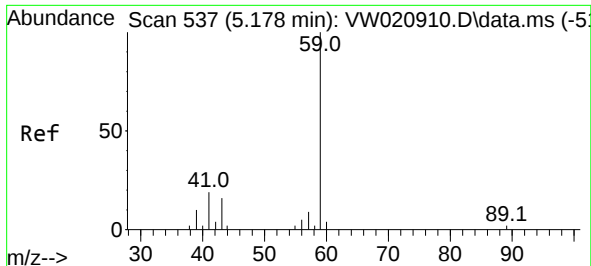
Tgt Ion:101 Resp: 1645
Ion Ratio Lower Upper
101 100
85 49.4 36.6 54.8
151 80.0 66.3 99.5



#10
Methyl Iodide
Concen: 2.242 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:142 Resp: 2190
Ion Ratio Lower Upper
142 100
127 44.2 35.5 53.3
141 14.0 11.5 17.3

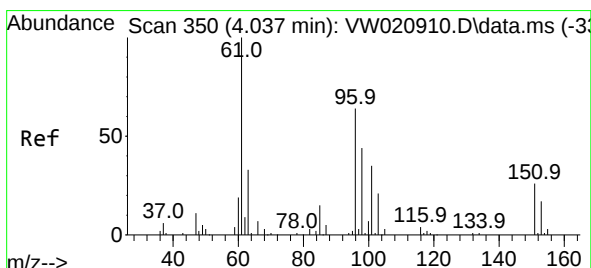
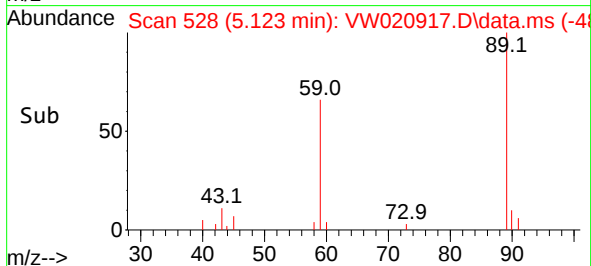
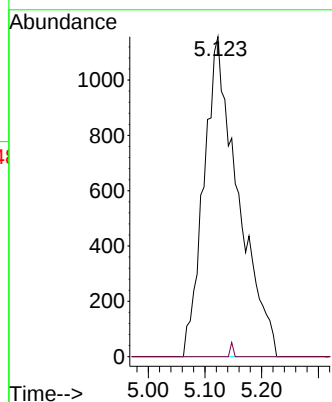
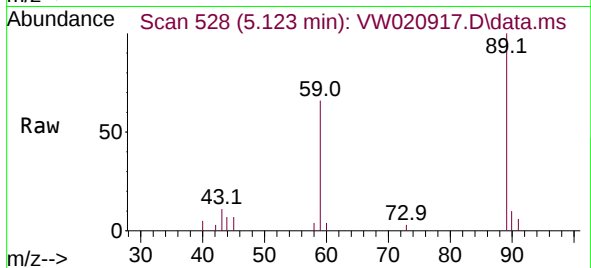




#11
Tert butyl alcohol
Concen: 79.607 ug/l
RT: 5.123 min Scan# 51
Delta R.T. -0.055 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

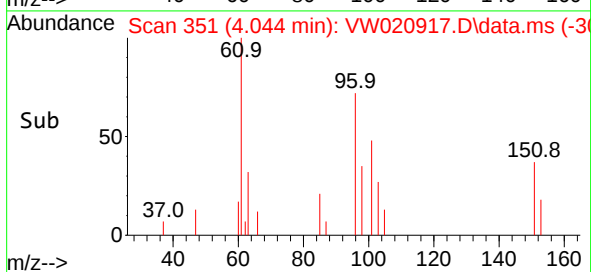
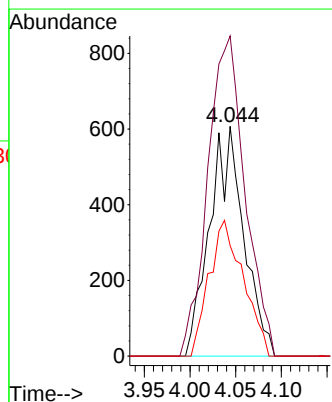
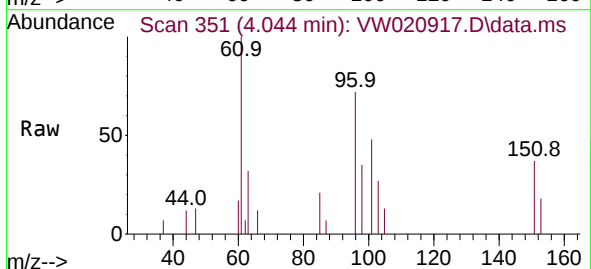
Instrument :
MSVOA_W
ClientSampleId :

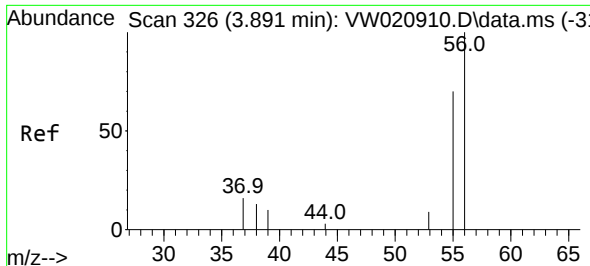
Tgt Ion: 59 Resp: 4850
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#



#12
1,1-Dichloroethene
Concen: 2.487 ug/l
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

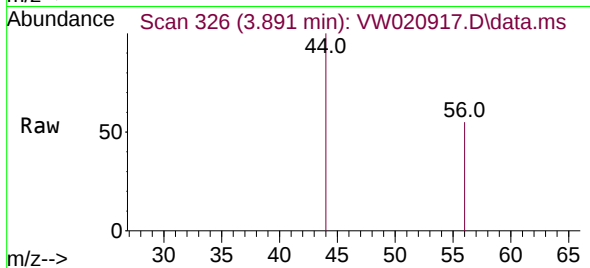
Tgt Ion: 96 Resp: 1578
Ion Ratio Lower Upper
96 100
61 139.4 124.4 186.6
98 48.1 54.2 81.2#



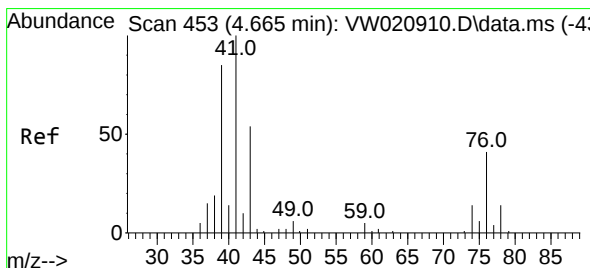
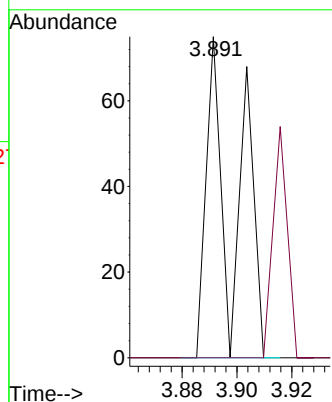


#13
Acrolein
Concen: 4.934 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :

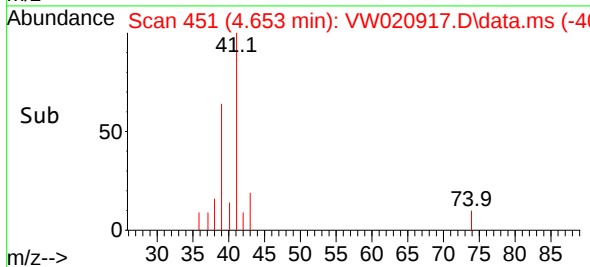
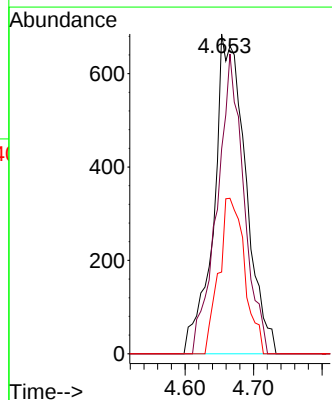
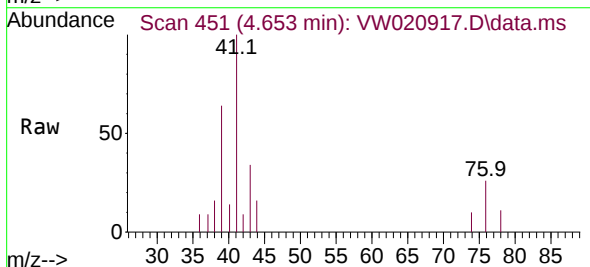


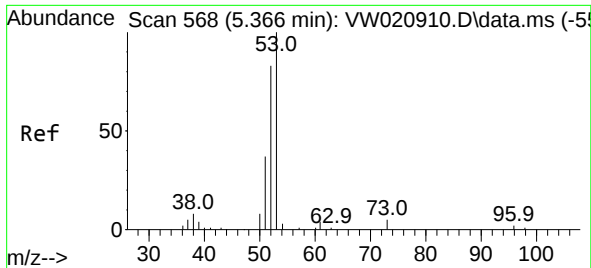
Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 61.2 91.8#



#14
Allyl chloride
Concen: 2.422 ug/l
RT: 4.653 min Scan# 451
Delta R.T. -0.012 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

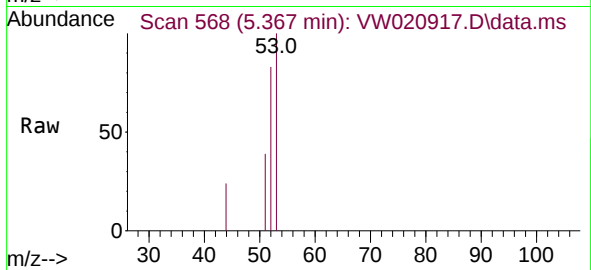
Tgt Ion: 41 Resp: 2206
Ion Ratio Lower Upper
41 100
39 78.6 63.4 95.2
76 39.3 32.2 48.4



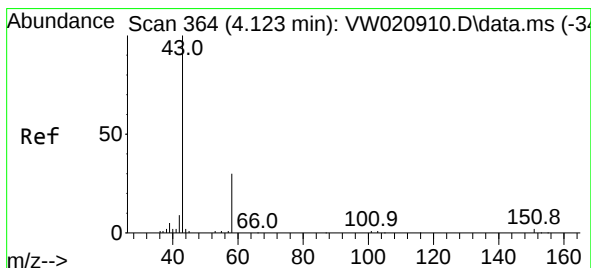
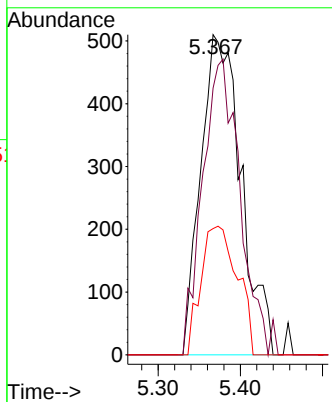
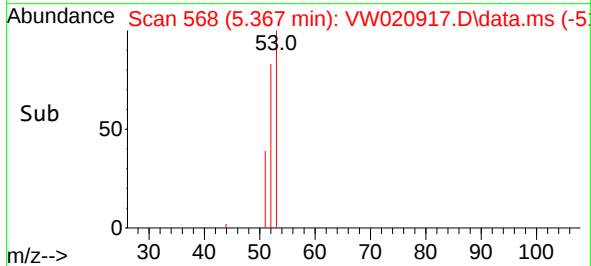


#15
Acrylonitrile
Concen: 12.186 ug/l
RT: 5.367 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :

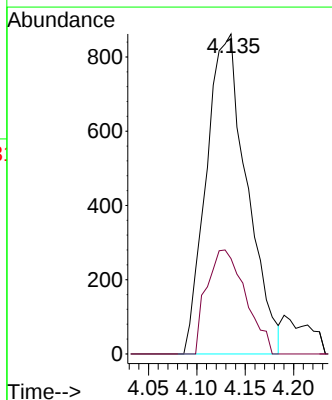
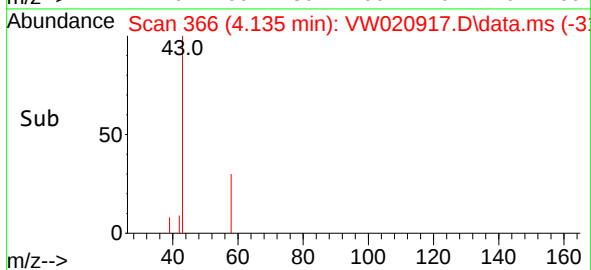
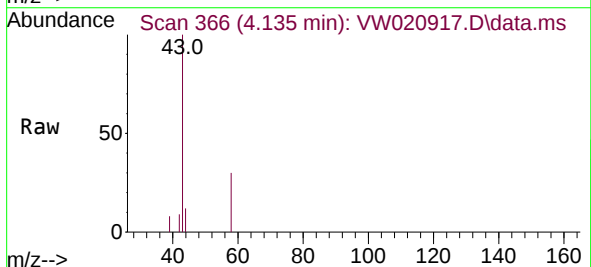


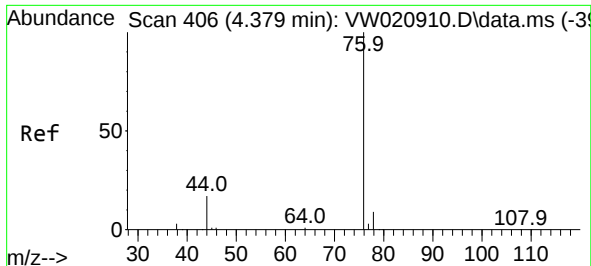
Tgt Ion:	53	Resp:	1738
Ion	Ratio	Lower	Upper
53	100		
52	86.0	65.9	98.9
51	36.3	29.8	44.6



#16
Acetone
Concen: 17.489 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:	43	Resp:	2514
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.2	36.2

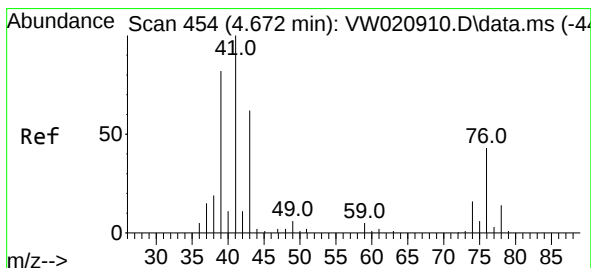
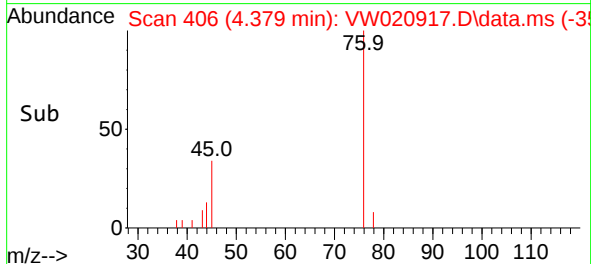
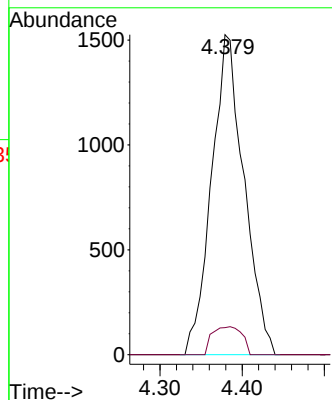
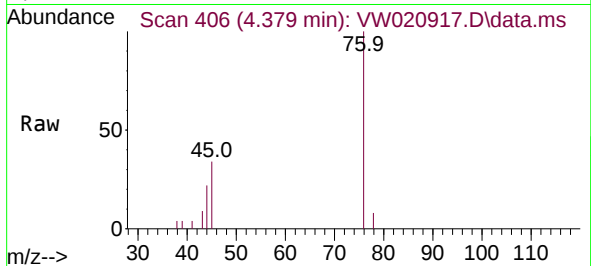




#17
Carbon Disulfide
Concen: 2.399 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

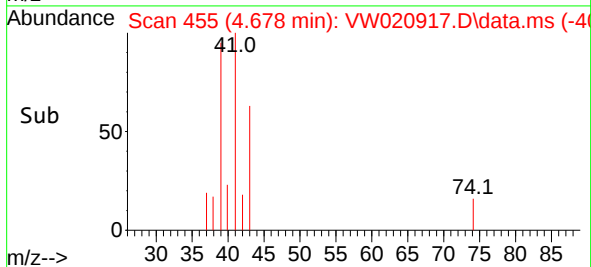
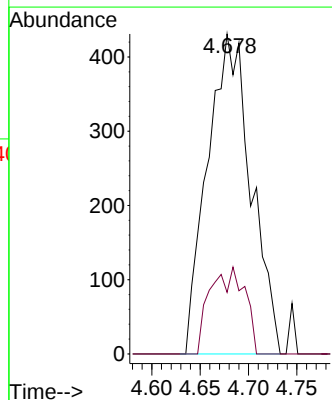
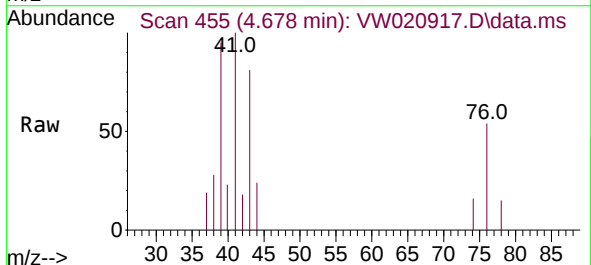
Instrument :
MSVOA_W
ClientSampleId :

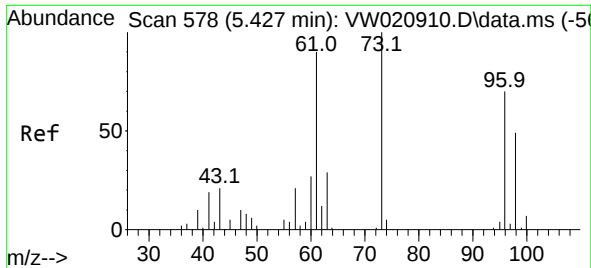
Tgt Ion: 76 Resp: 4183
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9



#18
Methyl Acetate
Concen: 2.689 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

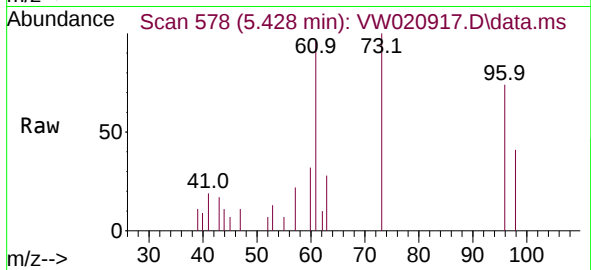
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
74 11.9 19.7 29.5#



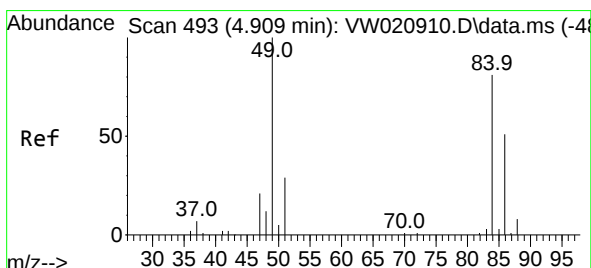
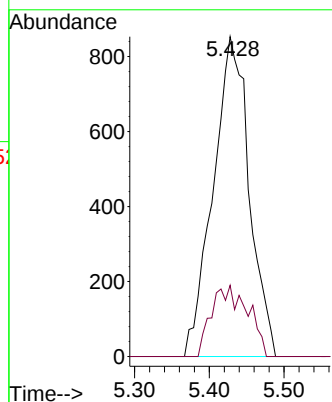
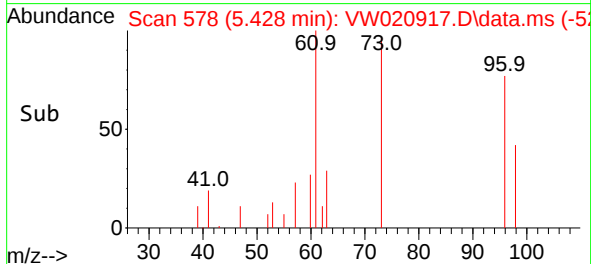


#19
Methyl tert-butyl Ether
Concen: 2.616 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :

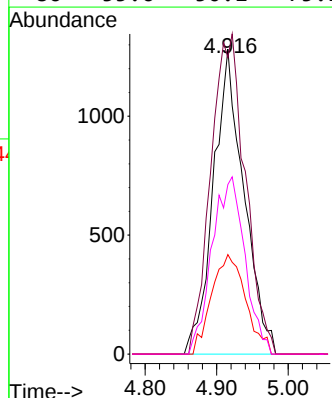
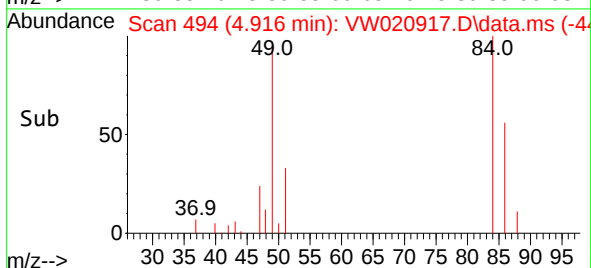
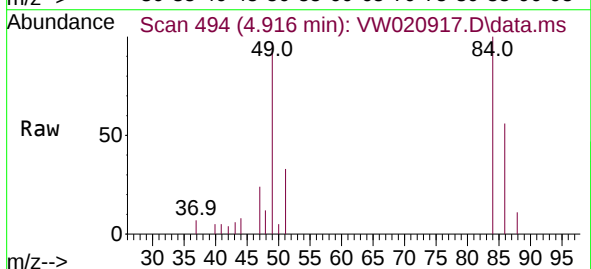


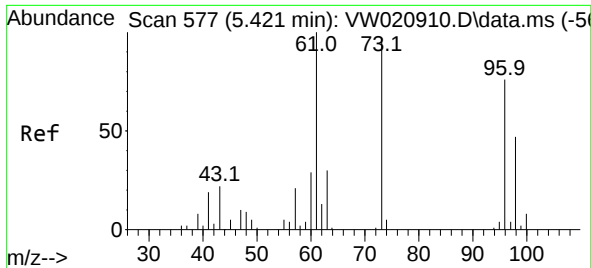
Tgt Ion: 73 Resp: 2860
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 4.735 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.007 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 84 Resp: 3802
Ion Ratio Lower Upper
84 100
49 97.3 99.1 148.7#
51 32.6 28.8 43.2
86 55.6 50.1 75.1

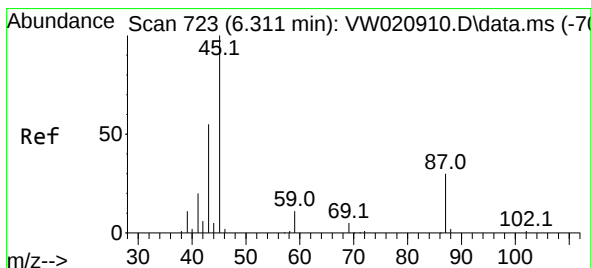
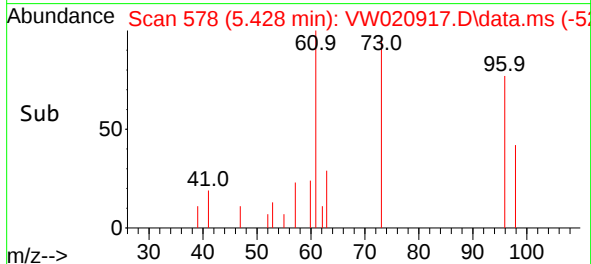
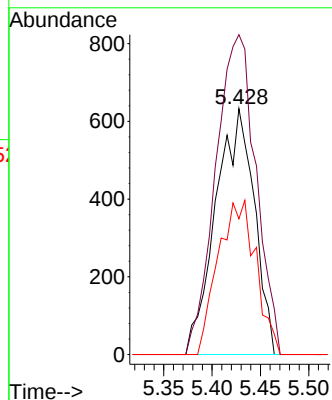
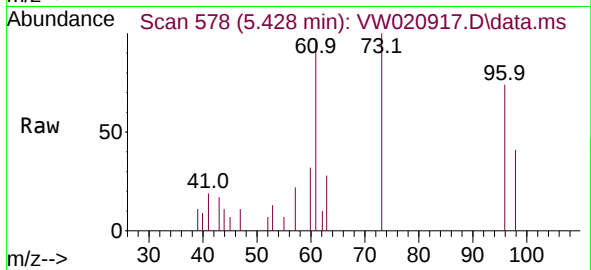




#21
trans-1,2-Dichloroethene
Concen: 2.433 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

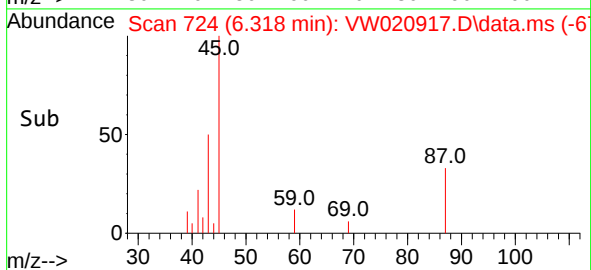
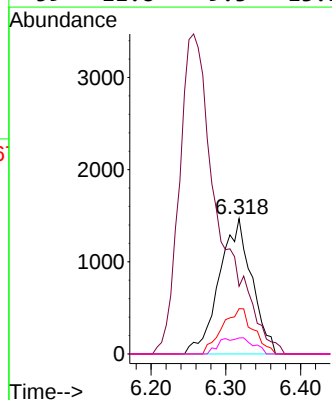
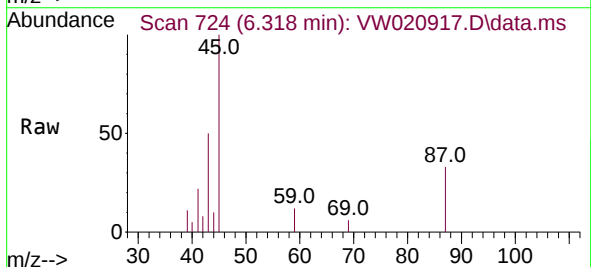
Instrument :
MSVOA_W
ClientSampleId :

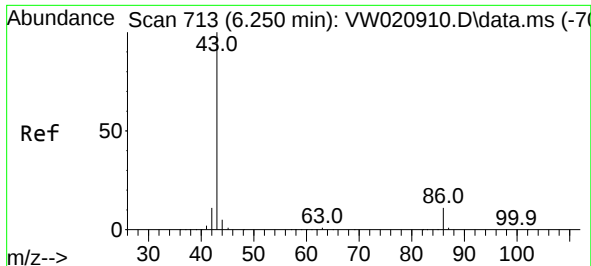
Tgt Ion: 96 Resp: 1757
Ion Ratio Lower Upper
96 100
61 130.0 105.7 158.5
98 55.1 49.7 74.5



#22
Diisopropyl ether
Concen: 2.379 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 45 Resp: 4446
Ion Ratio Lower Upper
45 100
43 44.3 46.2 69.4#
87 33.5 25.0 37.6
59 11.8 9.3 13.9

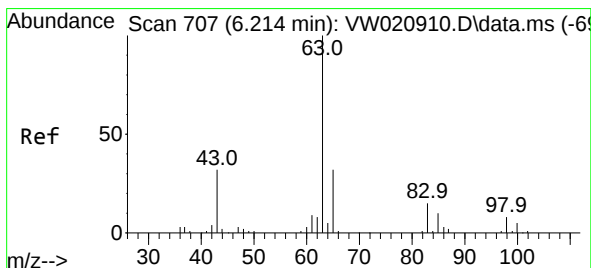
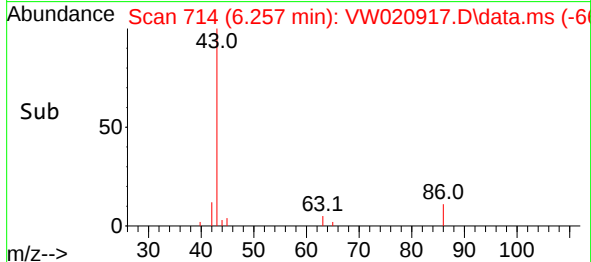
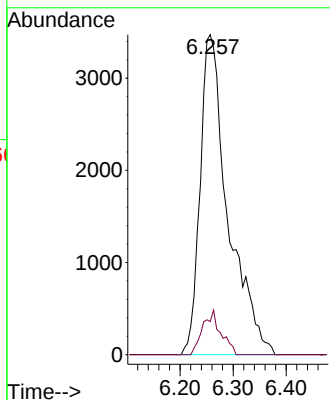
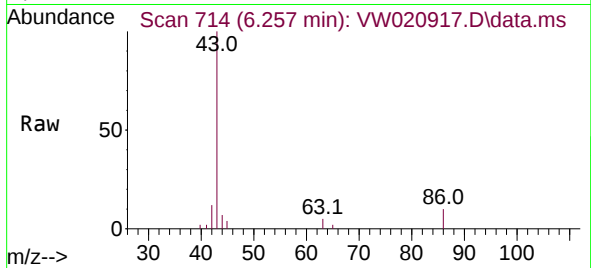




#23
 Vinyl Acetate
 Concen: 11.604 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.006 min
 Lab File: VW020917.D
 Acq: 17 Nov 2021 21:47

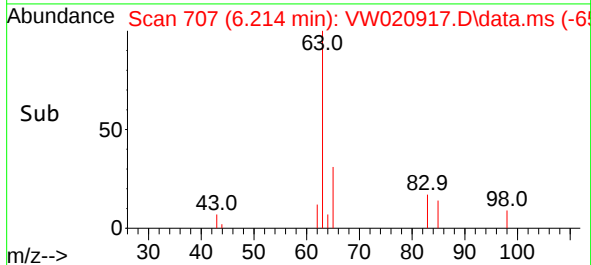
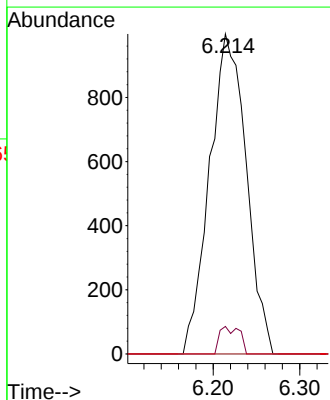
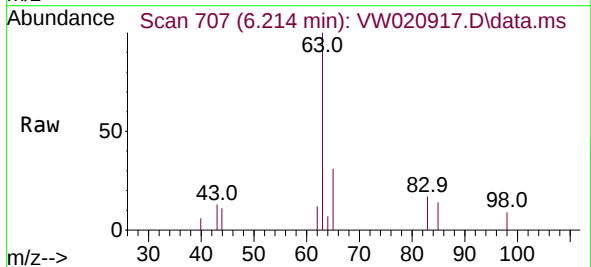
Instrument :
 MSVOA_W
 ClientSampleId :

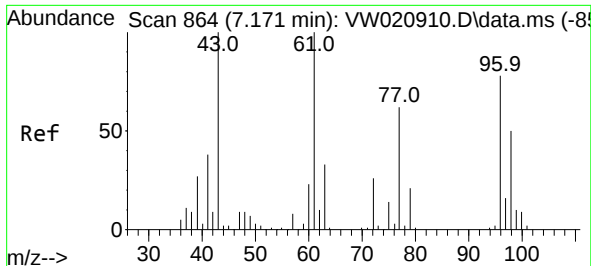
Tgt Ion: 43 Resp: 12692
 Ion Ratio Lower Upper
 43 100
 86 10.3 9.2 13.8



#24
 1,1-Dichloroethane
 Concen: 2.470 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020917.D
 Acq: 17 Nov 2021 21:47

Tgt Ion: 63 Resp: 2937
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.0 12.2
 100 0.0 2.6 8.0#





#25

2-Butanone

Concen: 14.895 ug/l

RT: 7.177 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

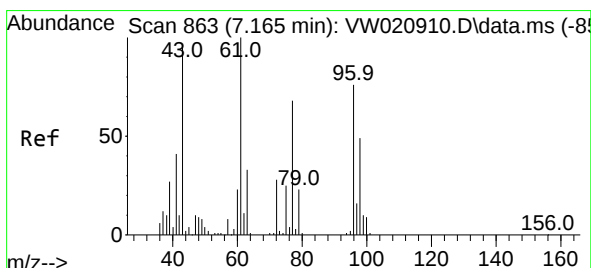
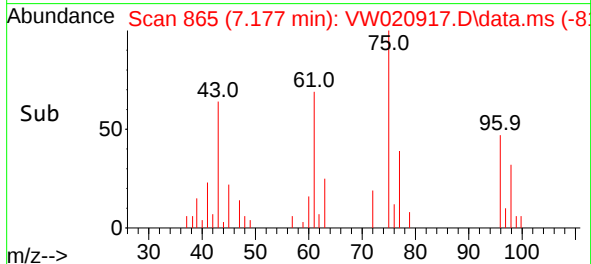
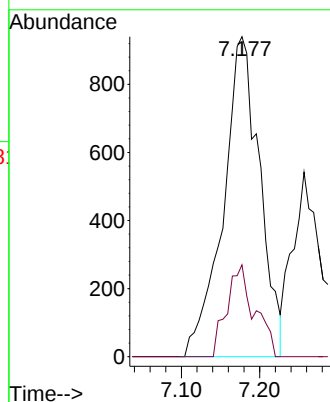
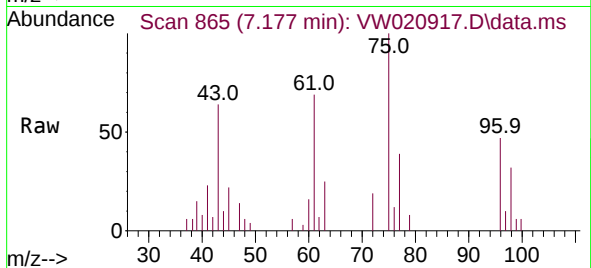
ClientSampleId :

Tgt Ion: 43 Resp: 3041

Ion Ratio Lower Upper

43 100

72 28.7 20.7 31.1



#26

2,2-Dichloropropane

Concen: 3.138 ug/l

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW020917.D

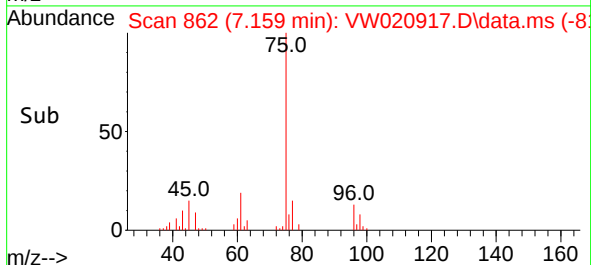
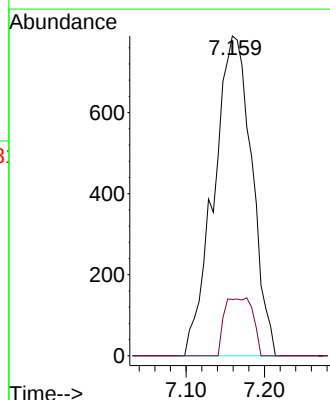
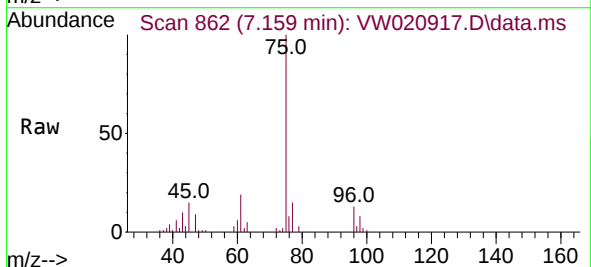
Acq: 17 Nov 2021 21:47

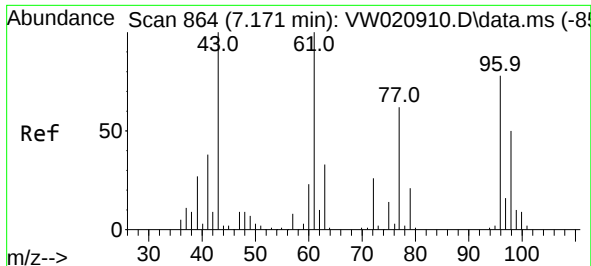
Tgt Ion: 77 Resp: 2648

Ion Ratio Lower Upper

77 100

97 13.6 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 2.698 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

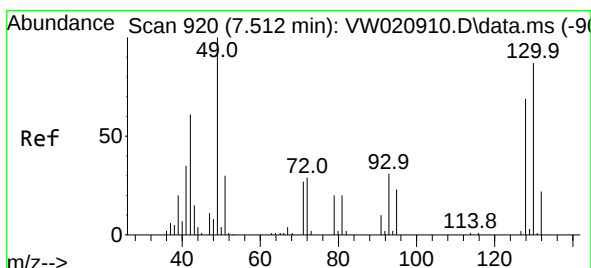
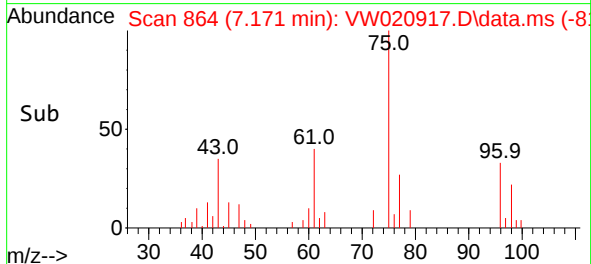
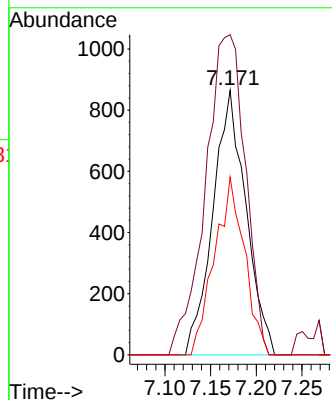
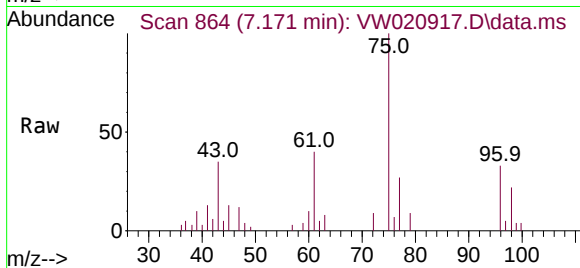
Tgt Ion: 96 Resp: 2177

Ion Ratio Lower Upper

96 100

61 146.1 0.0 266.6

98 61.0 0.0 129.4



#28

Bromochloromethane

Concen: 2.351 ug/l

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

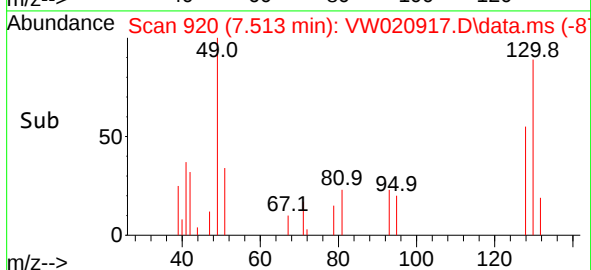
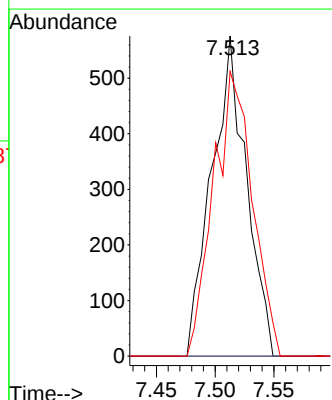
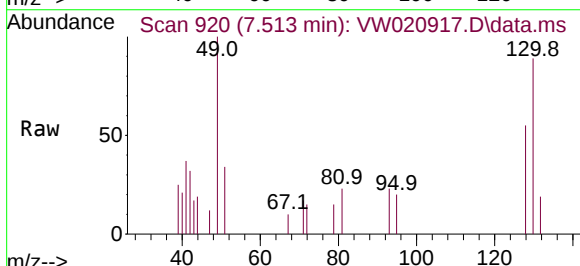
Tgt Ion: 49 Resp: 1183

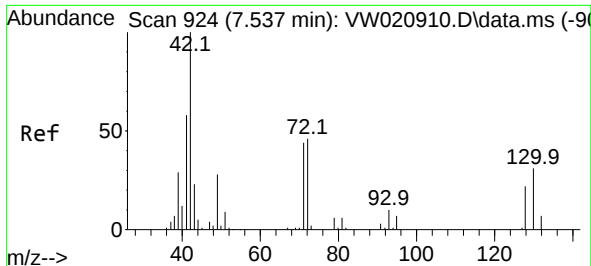
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

130 99.7 70.8 106.2





#29

Tetrahydrofuran

Concen: 12.511 ug/l

RT: 7.537 min Scan# 91

Delta R.T. 0.000 min

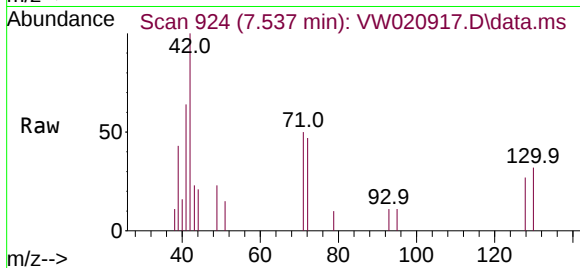
Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

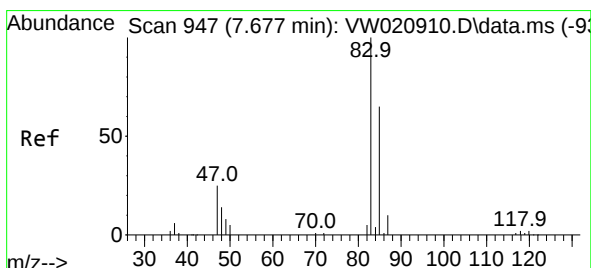
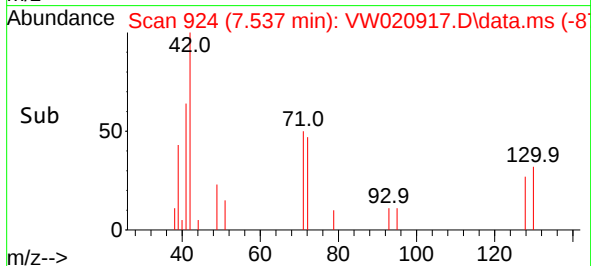
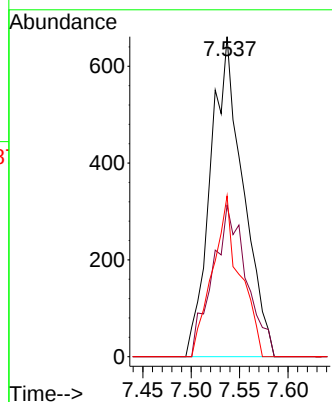
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	42	Resp:	1549
Ion	Ratio	Lower	Upper
42	100		
72	49.1	37.4	56.0
71	42.3	34.7	52.1



#30

Chloroform

Concen: 2.544 ug/l

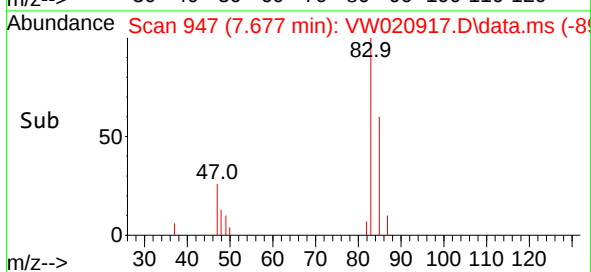
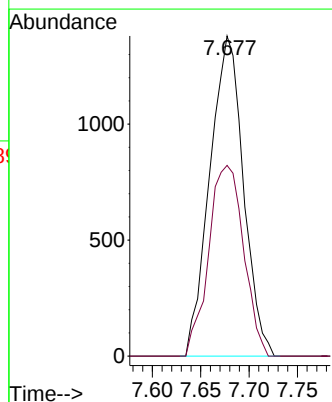
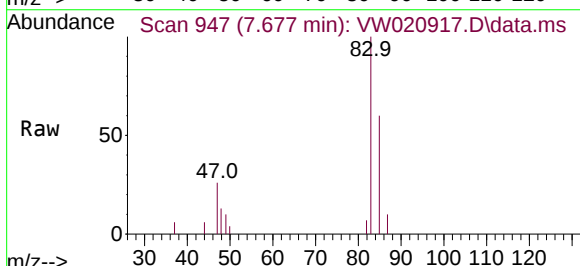
RT: 7.677 min Scan# 947

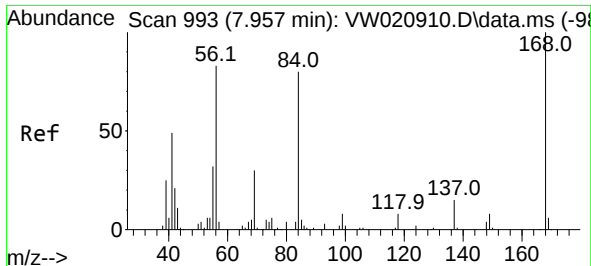
Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

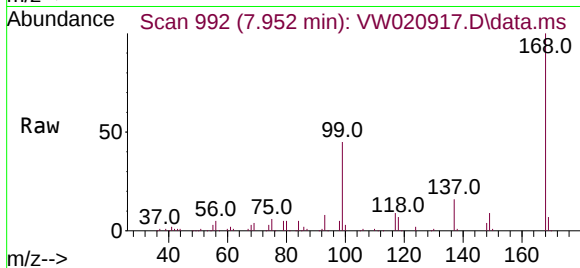
Tgt Ion:	83	Resp:	3328
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.7	77.5



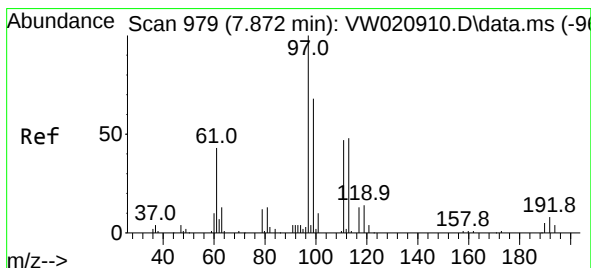
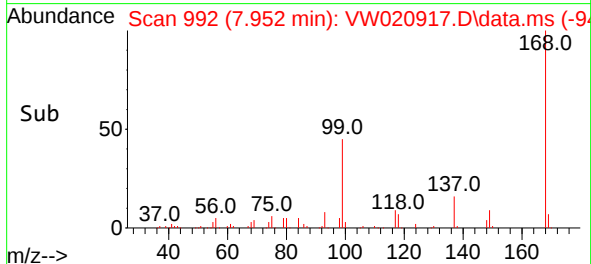
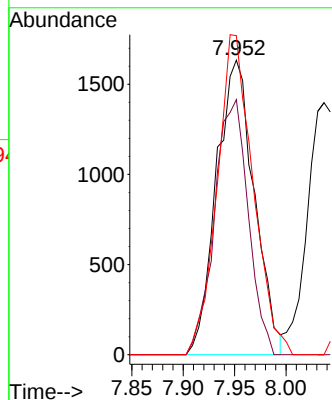


#31
Cyclohexane
Concen: 3.631 ug/l
RT: 7.952 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :

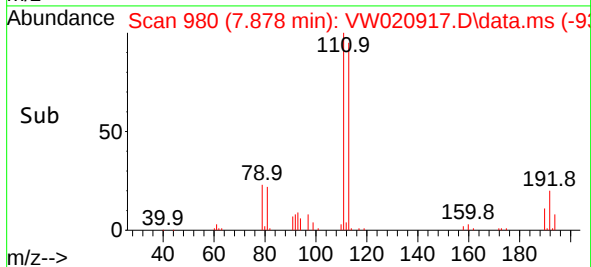
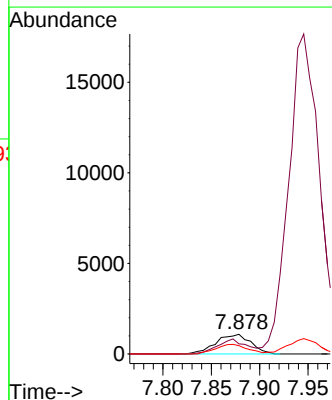
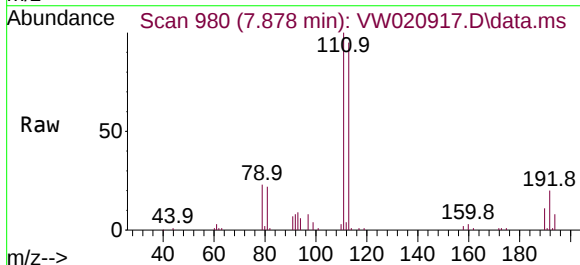


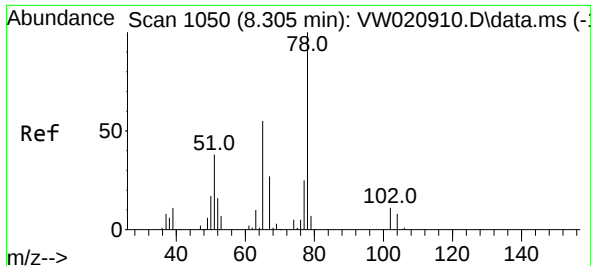
Tgt Ion: 56 Resp: 4189
Ion Ratio Lower Upper
56 100
69 86.6 28.7 43.1#
84 108.3 77.6 116.4



#32
1,1,1-Trichloroethane
Concen: 2.467 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 97 Resp: 2725
Ion Ratio Lower Upper
97 100
99 62.6 52.0 78.0
61 44.0 34.2 51.2





#33

1,2-Dichloroethane-d4

Concen: 51.365 ug/l

RT: 8.305 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

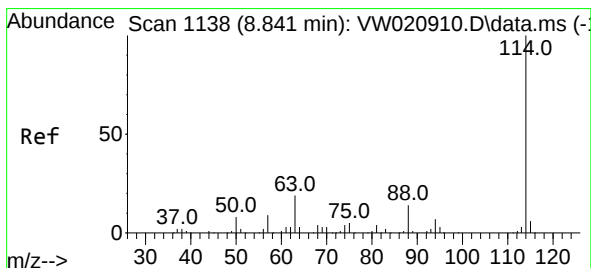
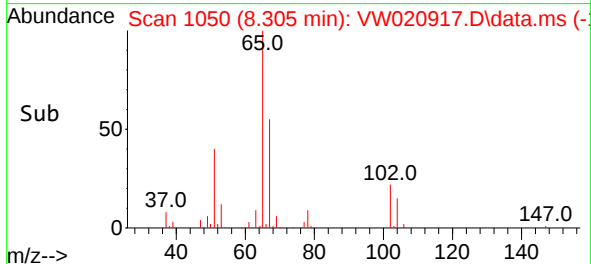
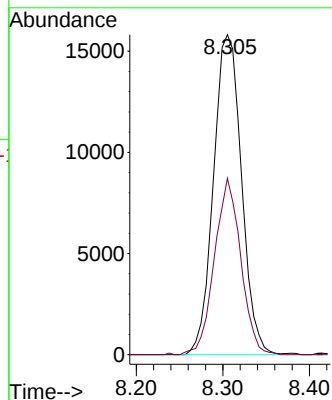
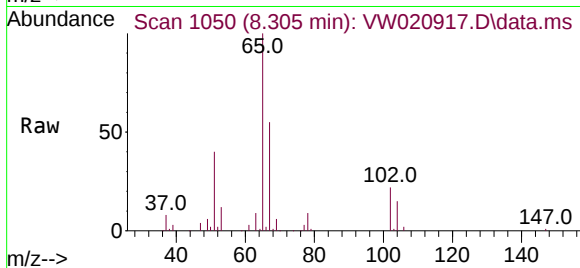
ClientSampleId :

Tgt Ion: 65 Resp: 35520

Ion Ratio Lower Upper

65 100

67 51.8 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

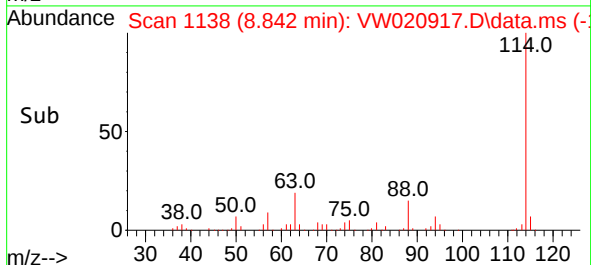
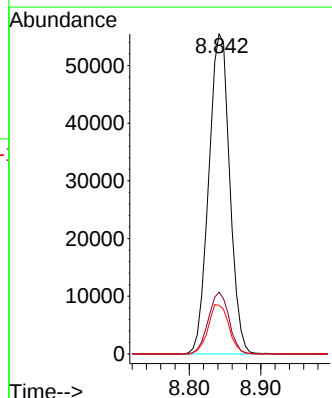
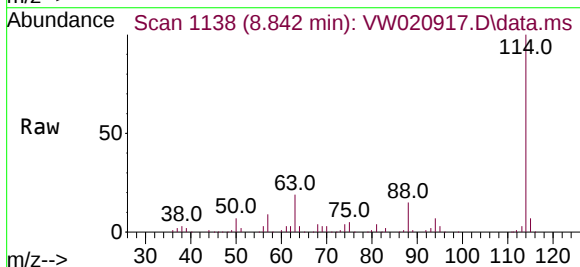
Tgt Ion: 114 Resp: 112875

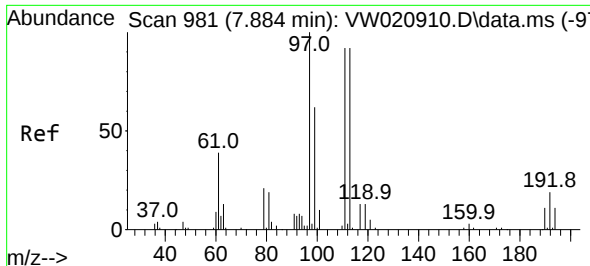
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.2

88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.383 ug/l

RT: 7.885 min Scan# 9

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

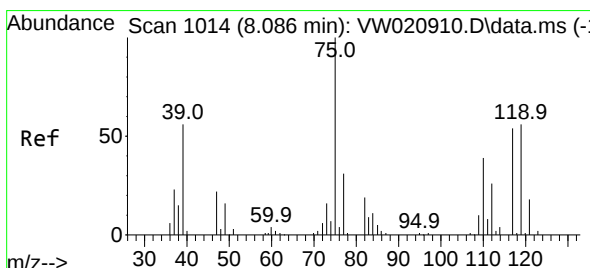
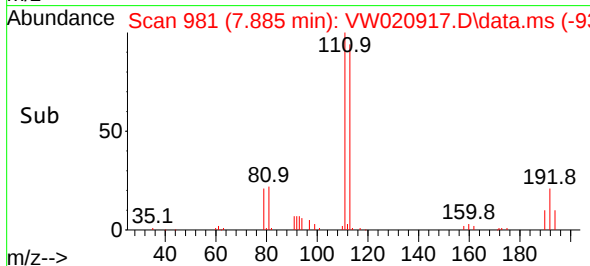
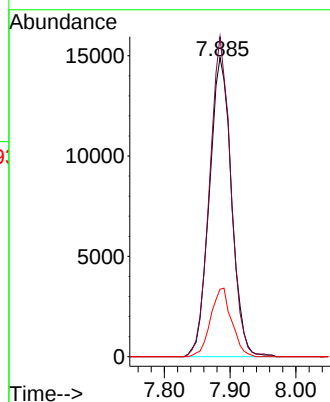
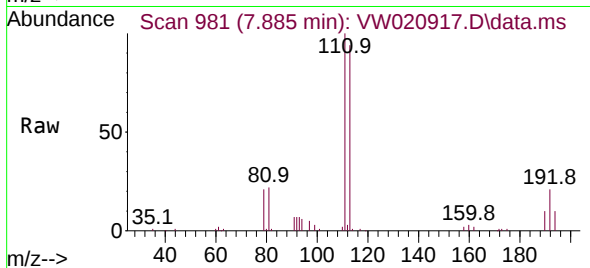
Tgt Ion:113 Resp: 34964

Ion Ratio Lower Upper

113 100

111 102.5 81.2 121.8

192 21.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 2.498 ug/l

RT: 8.080 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

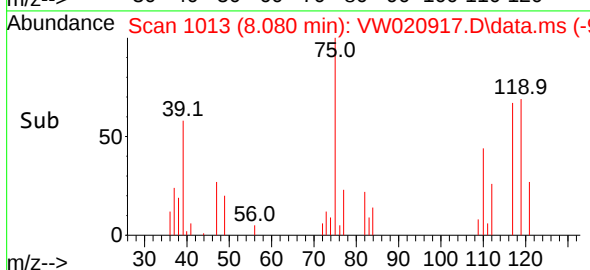
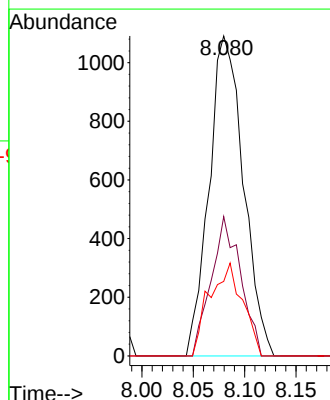
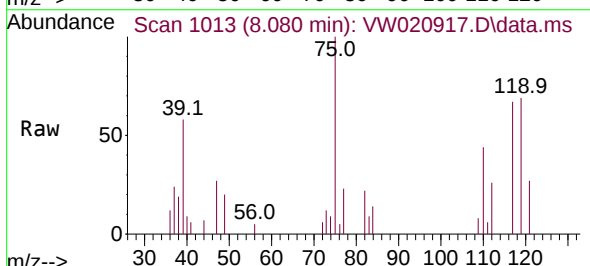
Tgt Ion: 75 Resp: 2533

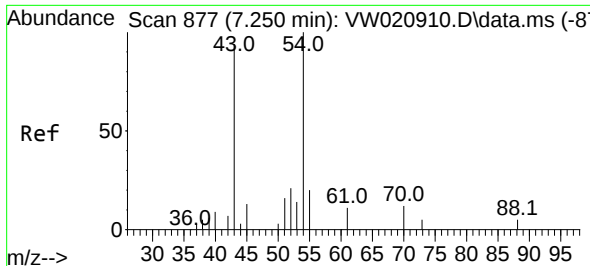
Ion Ratio Lower Upper

75 100

110 37.4 19.1 57.5

77 27.9 24.8 37.2





#37

Ethyl Acetate

Concen: 2.917 ug/l

RT: 7.257 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

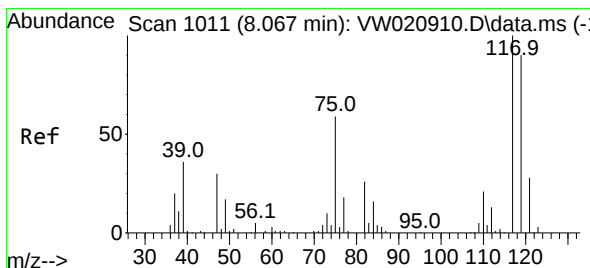
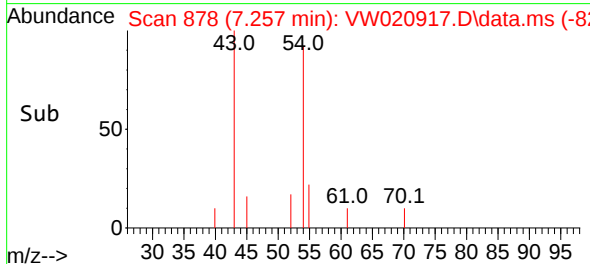
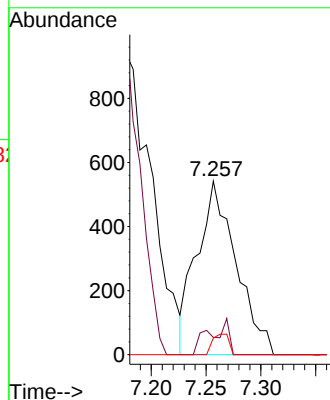
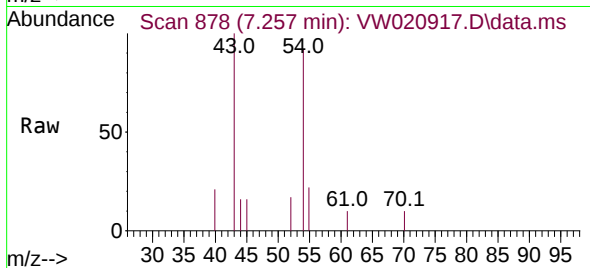
Tgt Ion: 43 Resp: 1349

Ion Ratio Lower Upper

43 100

61 9.9 11.3 16.9#

70 4.9 9.2 13.8#



#38

Carbon Tetrachloride

Concen: 2.390 ug/l

RT: 8.074 min Scan# 1012

Delta R.T. 0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

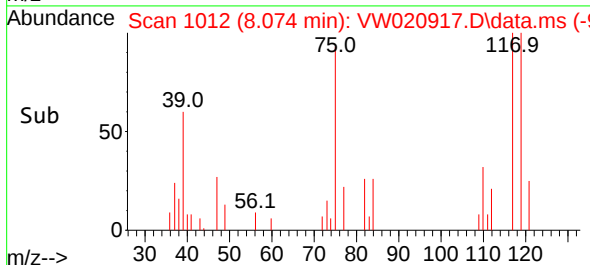
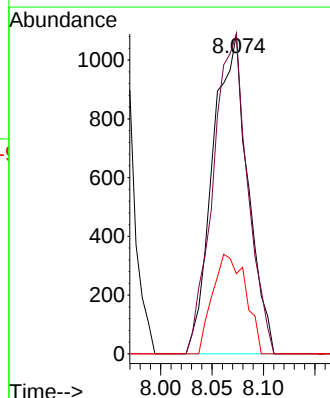
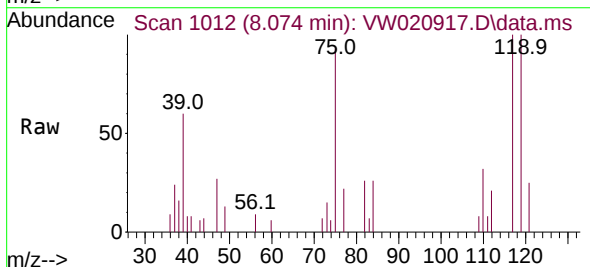
Tgt Ion: 117 Resp: 2578

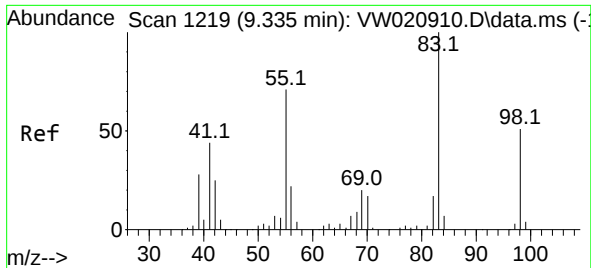
Ion Ratio Lower Upper

117 100

119 100.1 72.0 108.0

121 25.1 22.6 33.8





#39

Methylcyclohexane

Concen: 2.533 ug/l

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

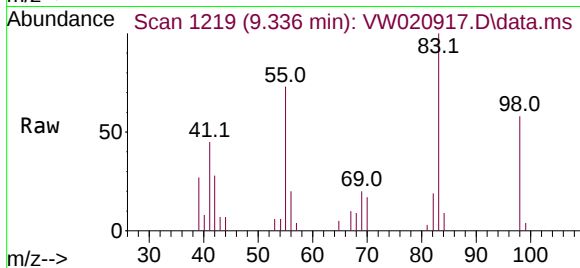
Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :



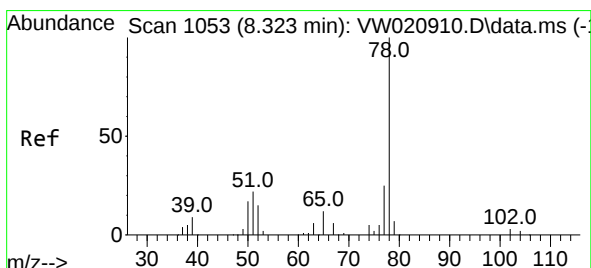
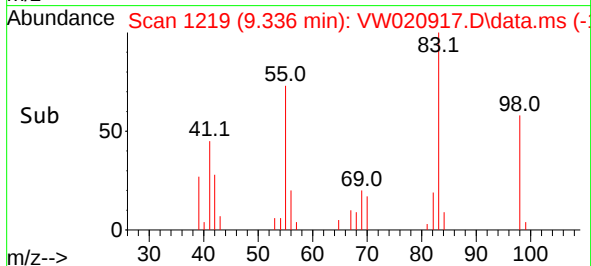
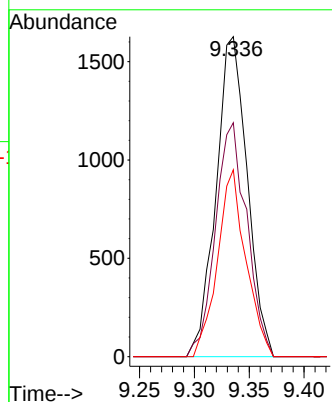
Tgt Ion: 83 Resp: 3225

Ion Ratio Lower Upper

83 100

55 73.1 56.6 85.0

98 58.4 41.0 61.4



#40

Benzene

Concen: 3.026 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW020917.D

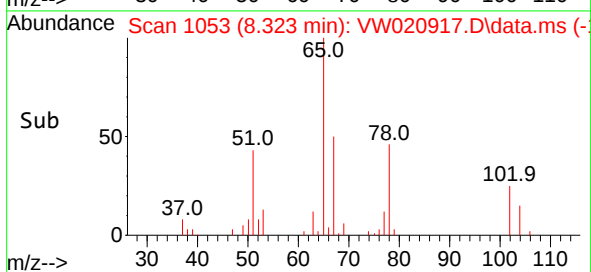
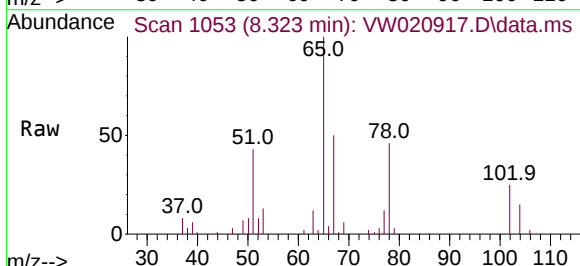
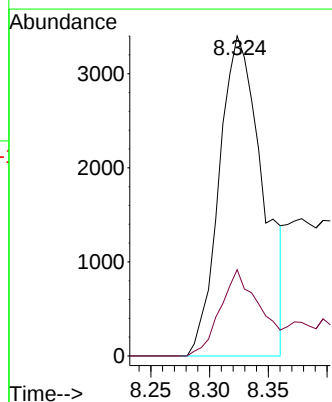
Acq: 17 Nov 2021 21:47

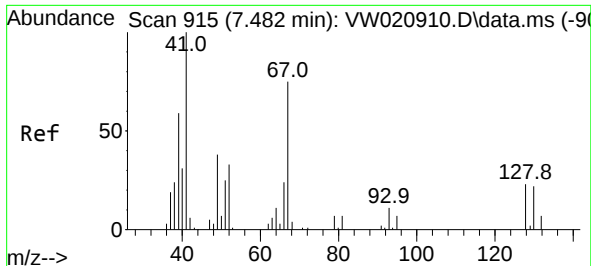
Tgt Ion: 78 Resp: 8749

Ion Ratio Lower Upper

78 100

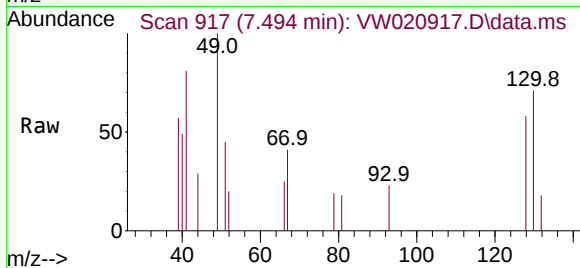
77 27.0 20.0 30.0



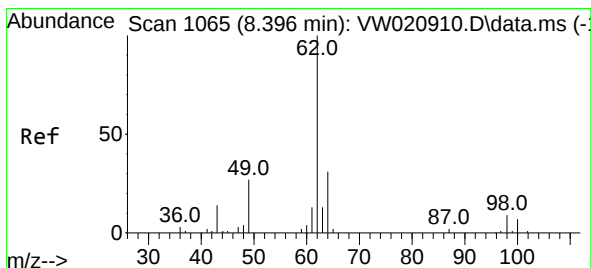
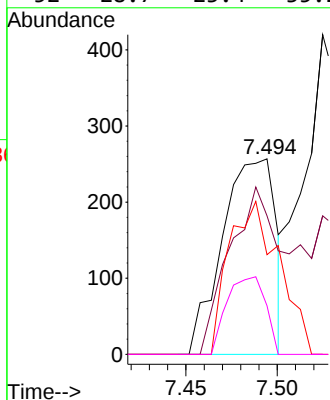
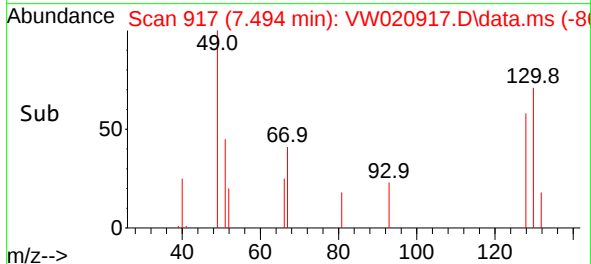


#41
Methacrylonitrile
Concen: 2.121 ug/l
RT: 7.494 min Scan# 915
Delta R.T. 0.012 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :

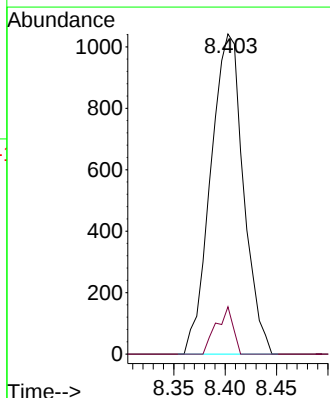
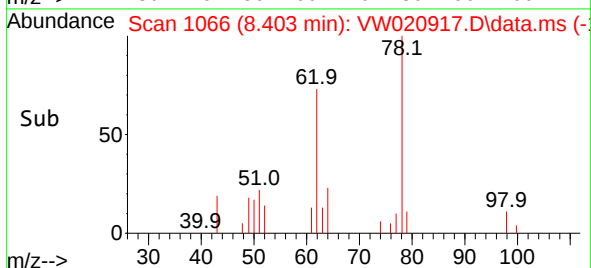
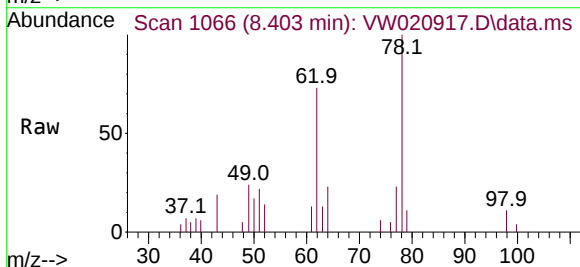


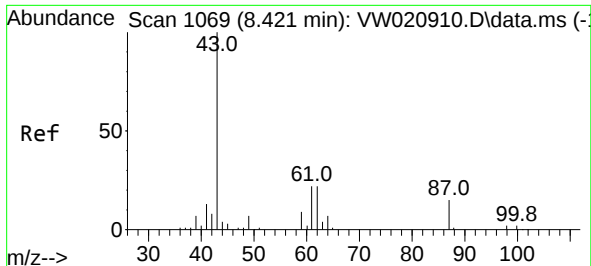
Tgt Ion: 41	Resp: 523
Ion Ratio	Lower Upper
41 100	
39 81.3	42.9 64.3#
67 73.6	56.2 84.4
52 28.7	23.4 35.2



#42
1,2-Dichloroethane
Concen: 2.636 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 62	Resp: 2312
Ion Ratio	Lower Upper
62 100	
98 7.6	0.0 19.0

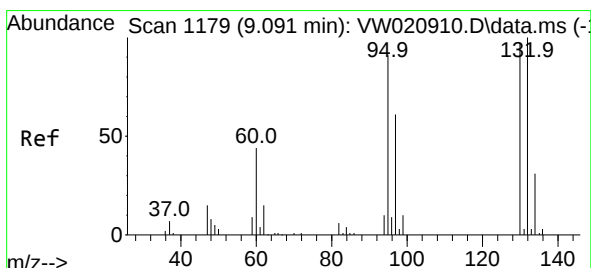
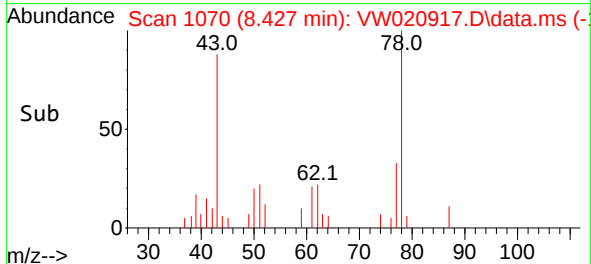
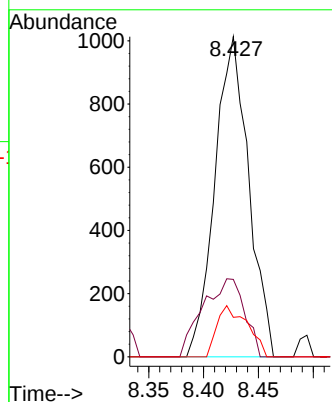
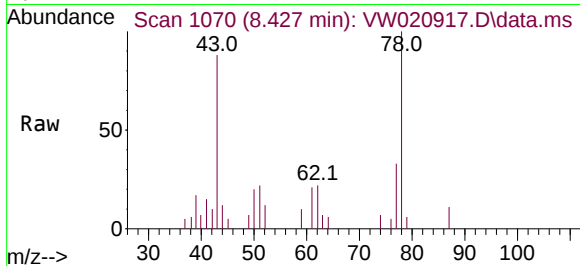




#43
Isopropyl Acetate
Concen: 2.388 ug/l
RT: 8.427 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

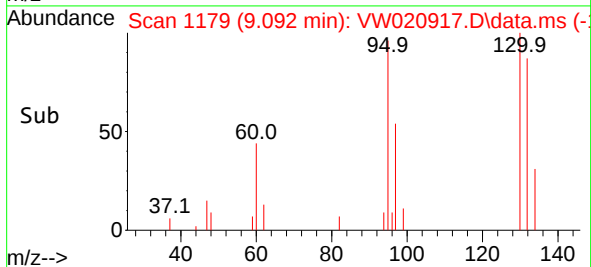
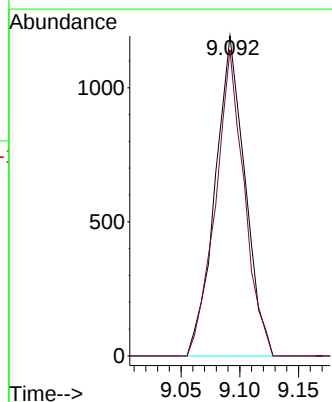
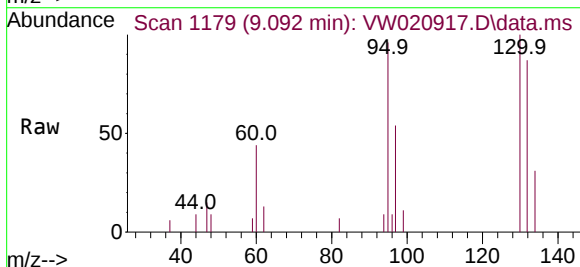
Instrument :
MSVOA_W
ClientSampleId :

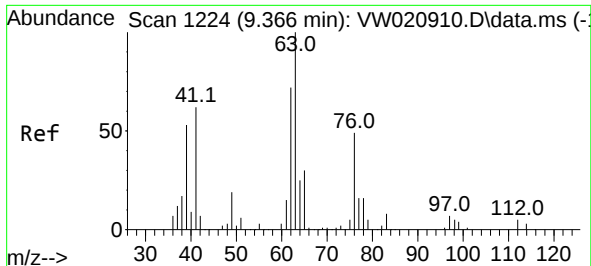
Tgt Ion: 43	Resp:	2168
Ion Ratio	Lower	Upper
43	100	
61	30.1	23.7 35.5
87	14.3	11.5 17.3



#44
Trichloroethene
Concen: 2.501 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 130	Resp:	2110
Ion Ratio	Lower	Upper
130	100	
95	95.6	0.0 186.6

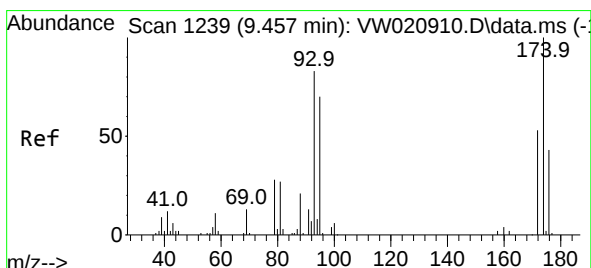
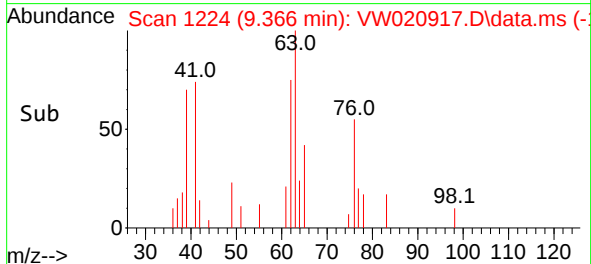
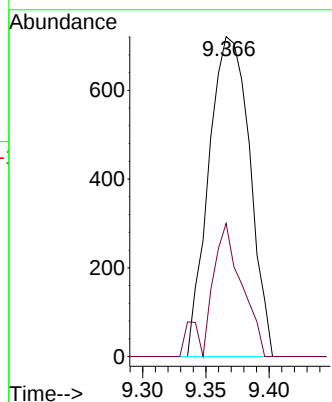
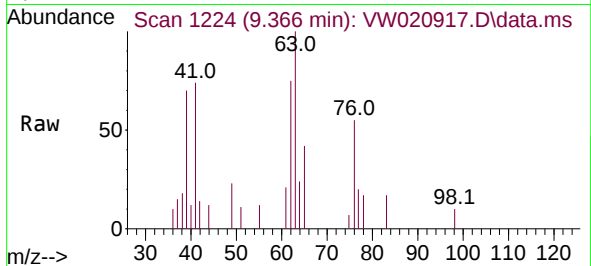




#45
1,2-Dichloropropane
Concen: 2.439 ug/l
RT: 9.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

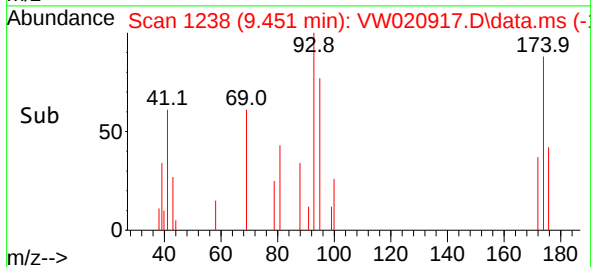
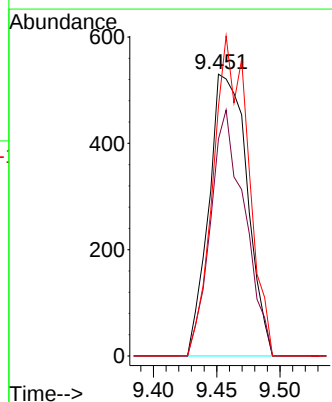
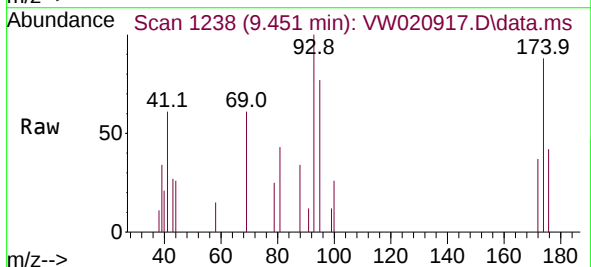
Instrument :
MSVOA_W
ClientSampleId :

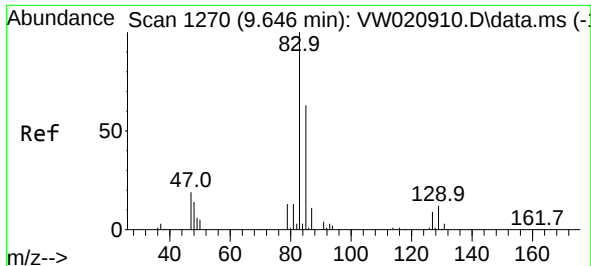
Tgt Ion: 63 Resp: 1624
Ion Ratio Lower Upper
63 100
65 41.6 23.8 35.6#



#46
Dibromomethane
Concen: 2.645 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 93 Resp: 1116
Ion Ratio Lower Upper
93 100
95 77.6 66.6 100.0
174 104.2 91.1 136.7

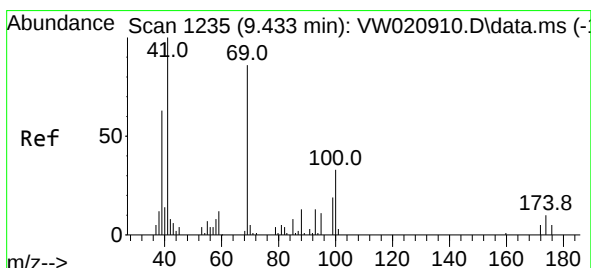
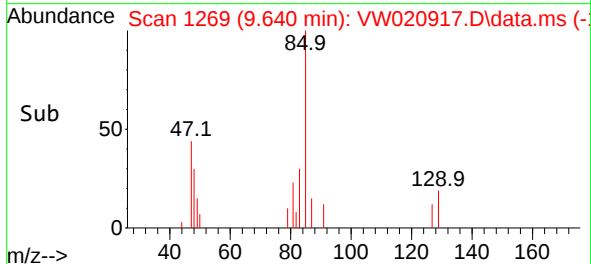
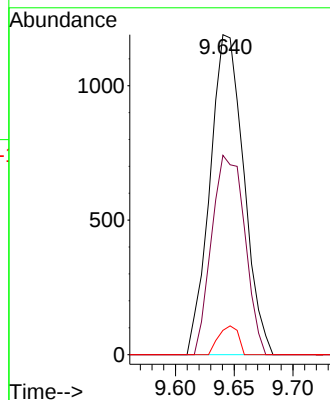
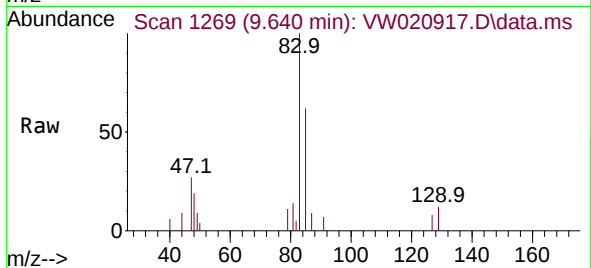




#47
Bromodichloromethane
Concen: 2.385 ug/l
RT: 9.640 min Scan# 1270
Delta R.T. -0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

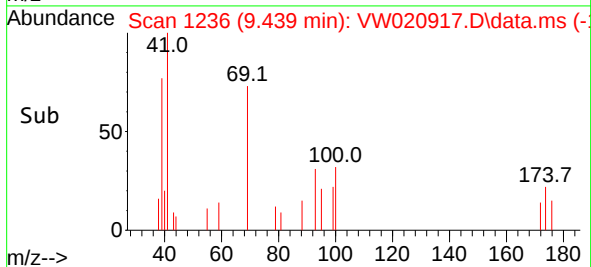
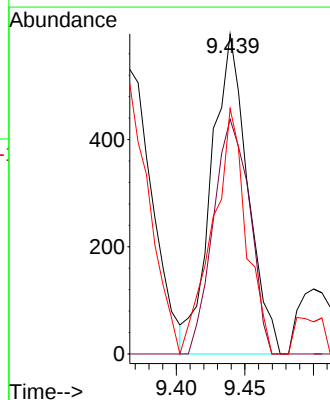
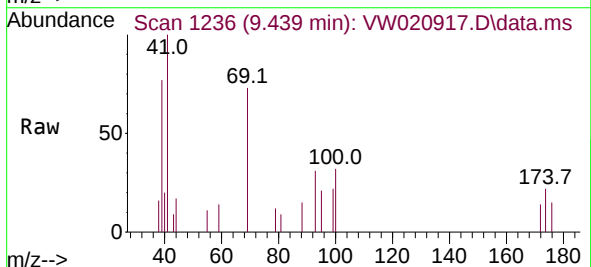
Instrument :
MSVOA_W
ClientSampleId :

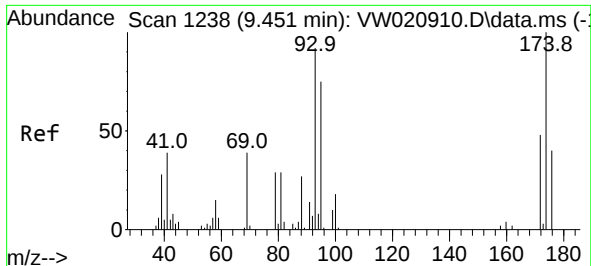
Tgt Ion: 83 Resp: 2380
Ion Ratio Lower Upper
83 100
85 62.3 50.3 75.5
127 7.6 7.1 10.7



#48
Methyl methacrylate
Concen: 2.722 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 41 Resp: 1099
Ion Ratio Lower Upper
41 100
69 73.6 72.9 109.3
39 70.8 54.2 81.4





#49

1,4-Dioxane

Concen: 57.906 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

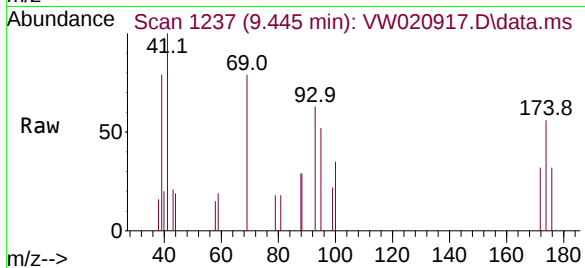
Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :



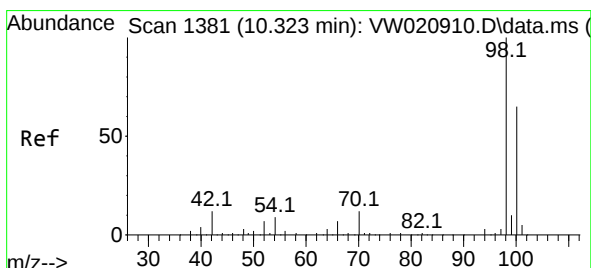
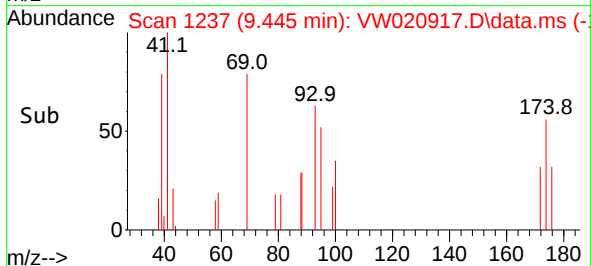
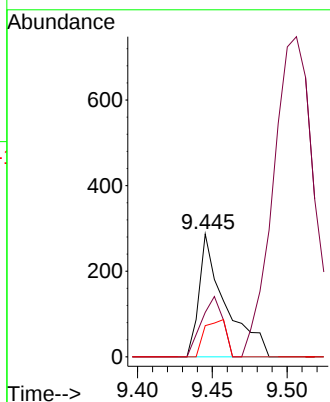
Tgt Ion: 88 Resp: 352

Ion Ratio Lower Upper

88 100

43 39.8 26.6 39.8

58 24.7 51.8 77.8#



#50

Toluene-d8

Concen: 49.455 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020917.D

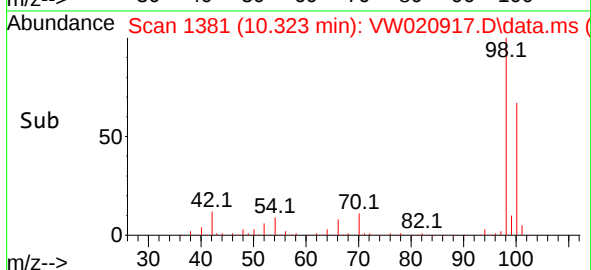
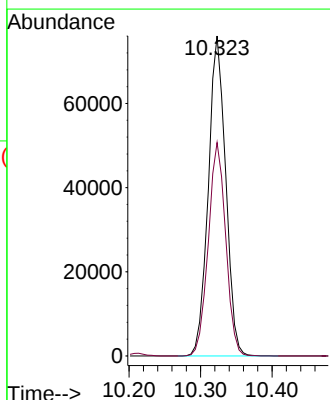
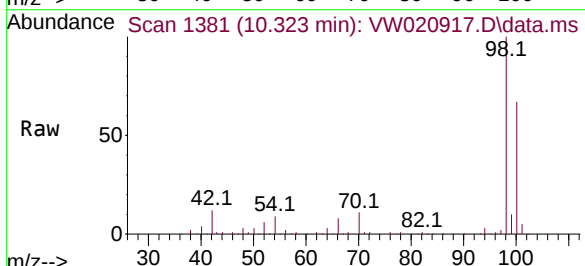
Acq: 17 Nov 2021 21:47

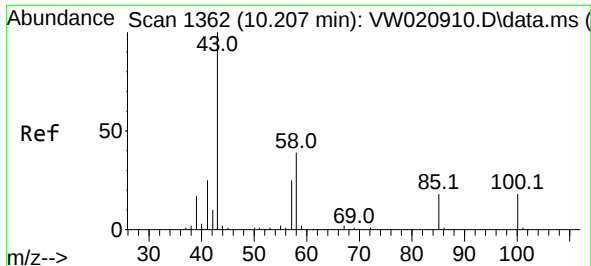
Tgt Ion: 98 Resp: 128420

Ion Ratio Lower Upper

98 100

100 66.6 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 13.244 ug/l

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

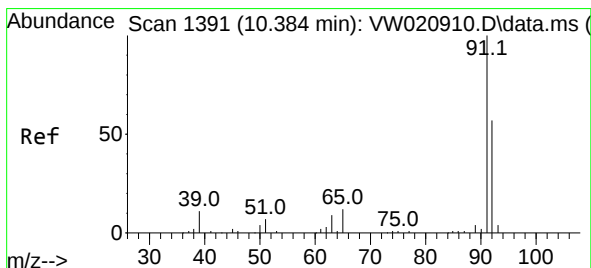
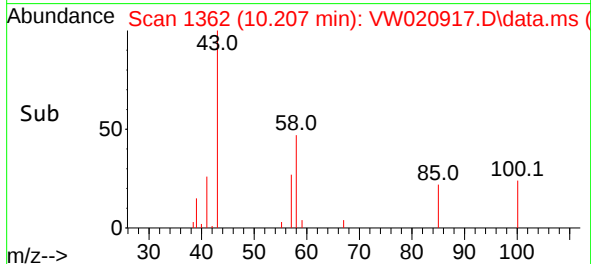
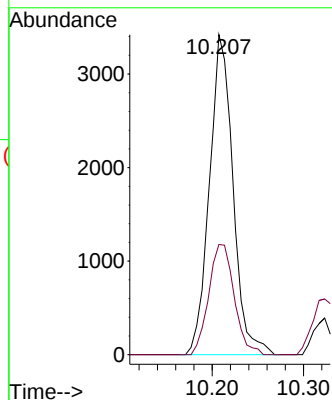
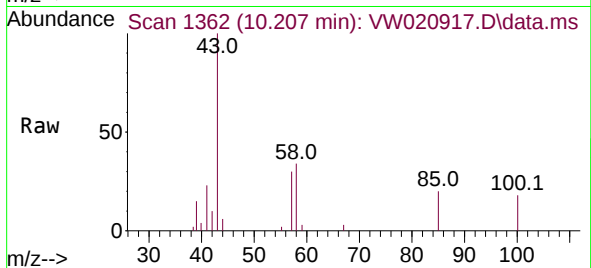
ClientSampleId :

Tgt Ion: 43 Resp: 6121

Ion Ratio Lower Upper

43 100

58 37.2 30.9 46.3



#52

Toluene

Concen: 2.603 ug/l

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW020917.D

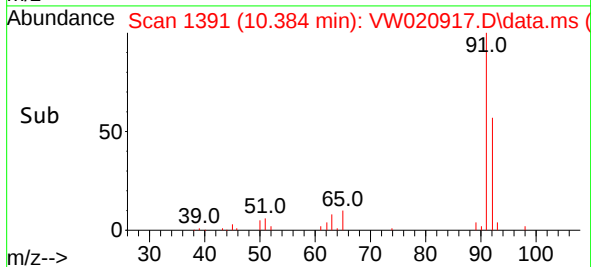
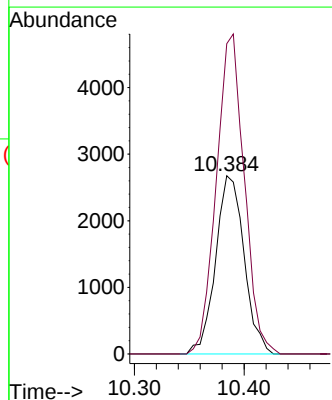
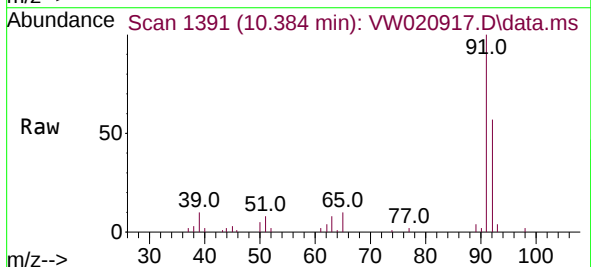
Acq: 17 Nov 2021 21:47

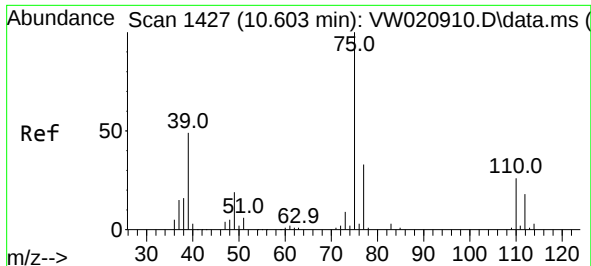
Tgt Ion: 92 Resp: 4837

Ion Ratio Lower Upper

92 100

91 175.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 2.158 ug/l

RT: 10.604 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

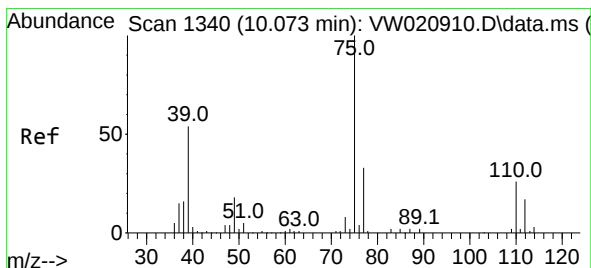
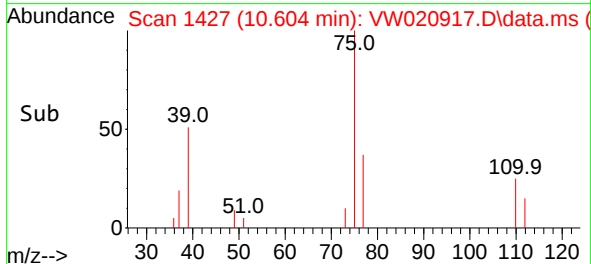
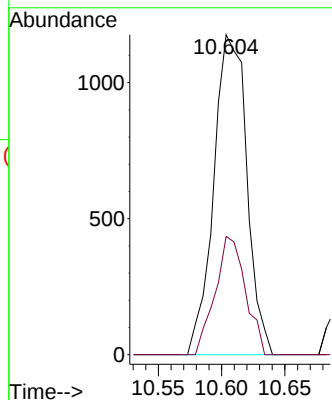
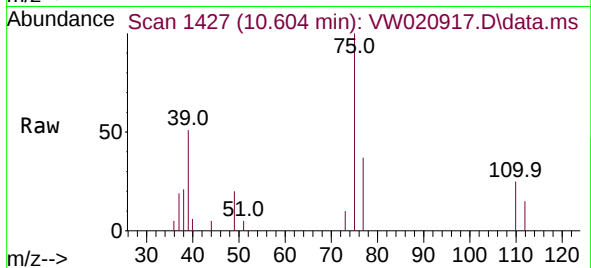
ClientSampleId :

Tgt Ion: 75 Resp: 2139

Ion Ratio Lower Upper

75 100

77 37.0 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 2.309 ug/l

RT: 10.067 min Scan# 1339

Delta R.T. -0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

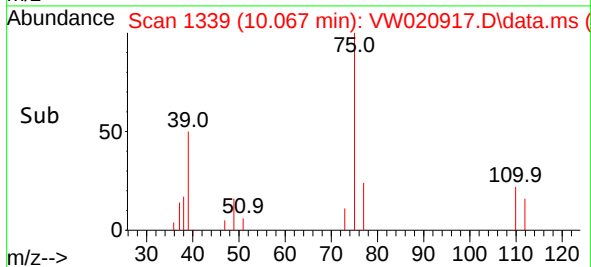
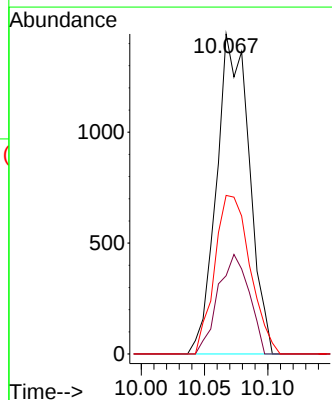
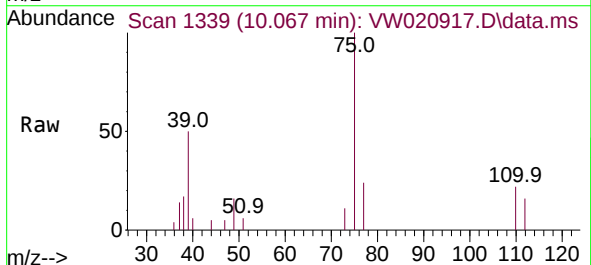
Tgt Ion: 75 Resp: 2589

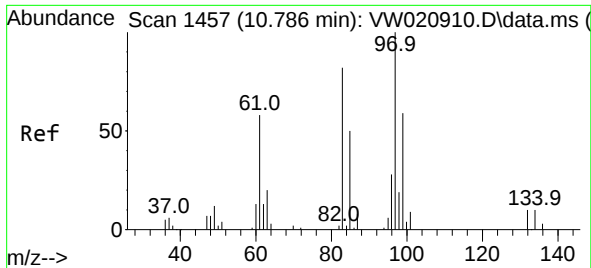
Ion Ratio Lower Upper

75 100

77 24.5 26.2 39.4#

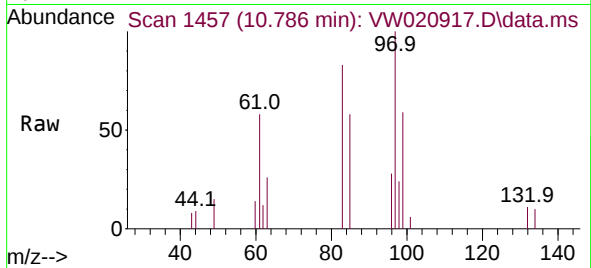
39 49.5 43.0 64.6



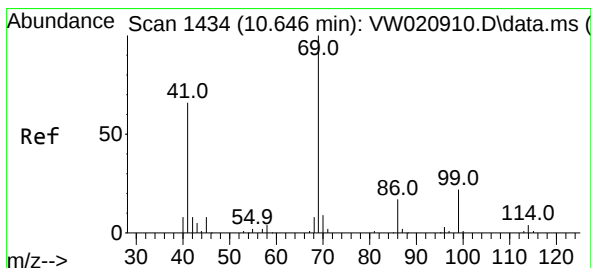
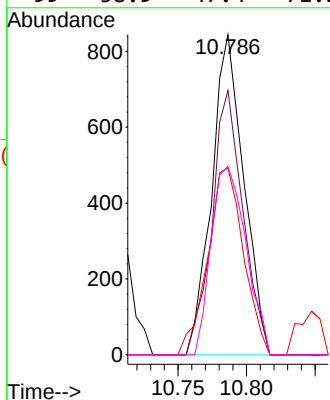
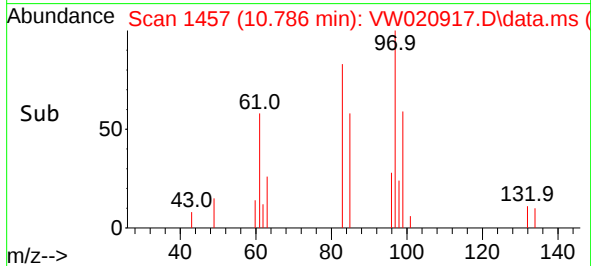


#55
1,1,2-Trichloroethane
Concen: 2.429 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :

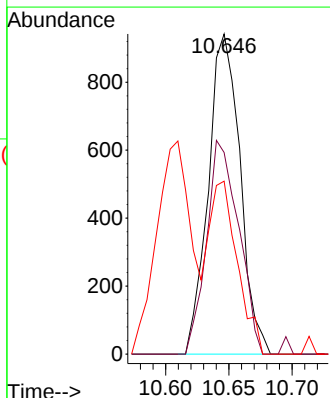
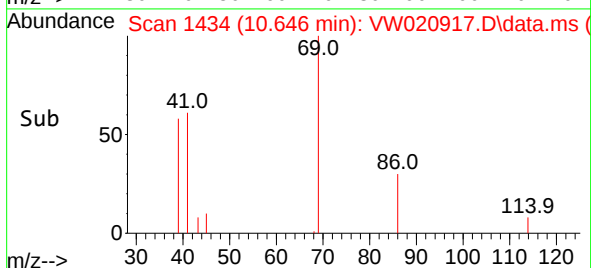
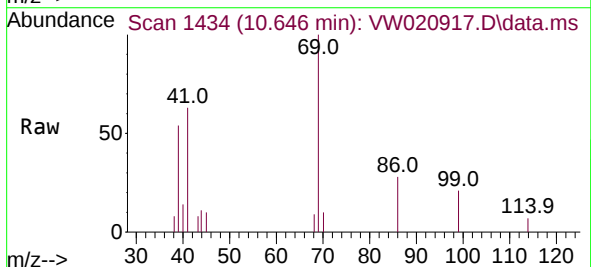


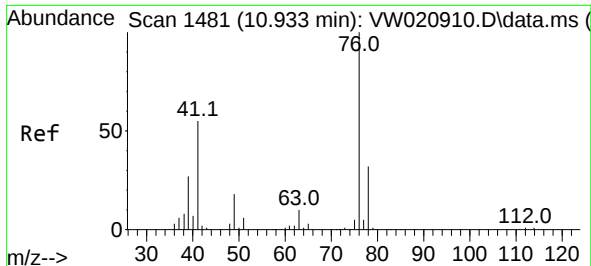
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.4	98.2
85	58.3	39.9	59.9
99	58.9	47.4	71.2



#56
Ethyl methacrylate
Concen: 2.284 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	52.9	79.3
39	48.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 2.434 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

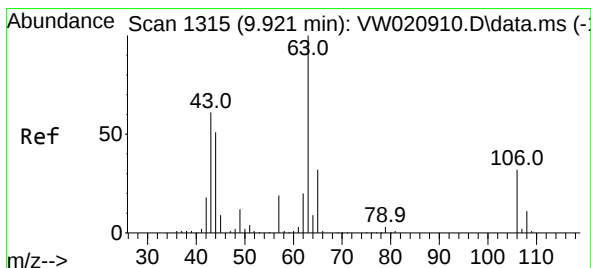
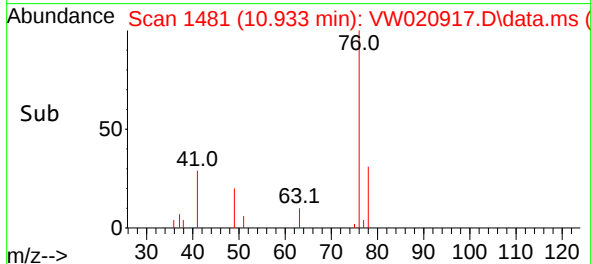
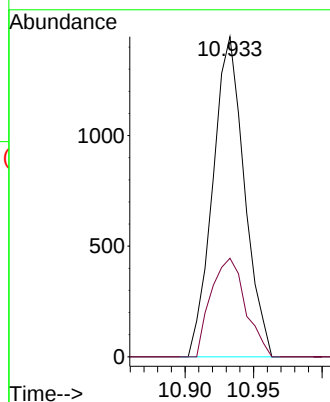
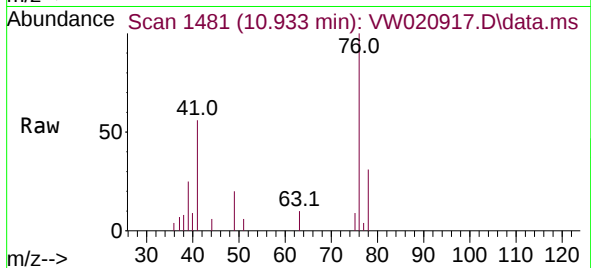
ClientSampleId :

Tgt Ion: 76 Resp: 2318

Ion Ratio Lower Upper

76 100

78 33.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 14.667 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VW020917.D

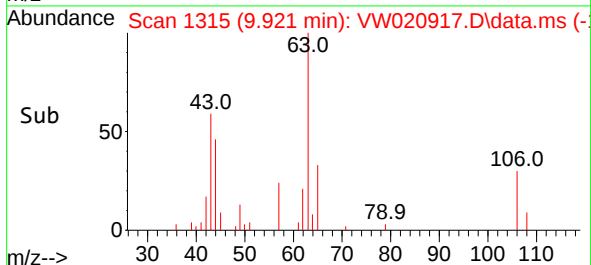
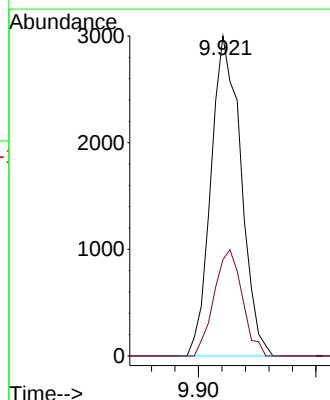
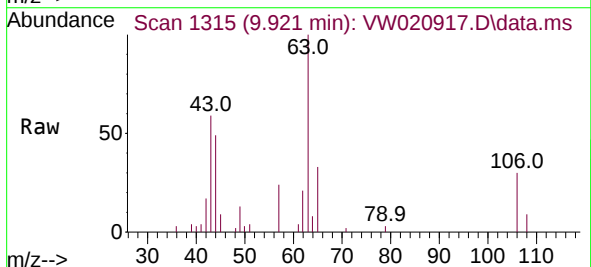
Acq: 17 Nov 2021 21:47

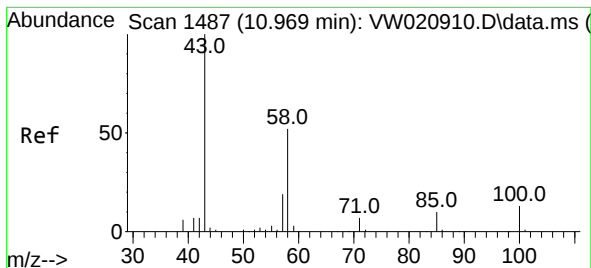
Tgt Ion: 63 Resp: 5316

Ion Ratio Lower Upper

63 100

106 31.3 26.3 39.5

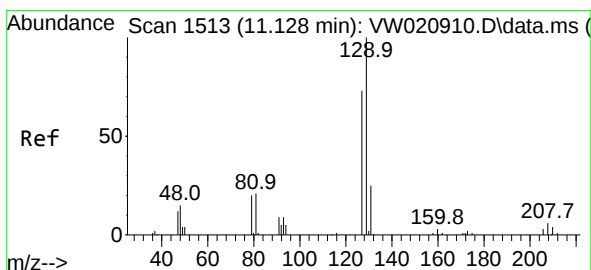
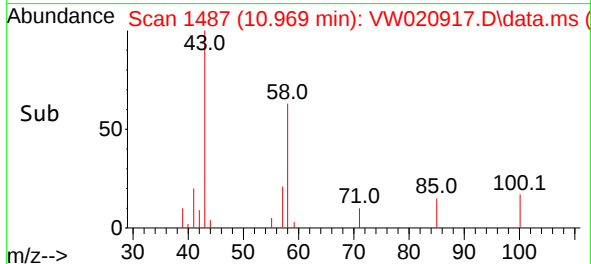
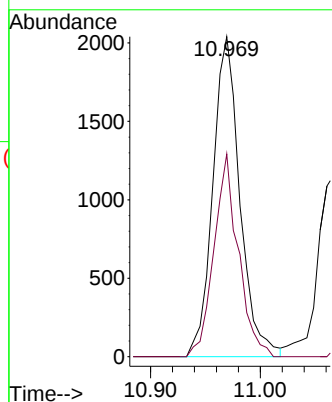
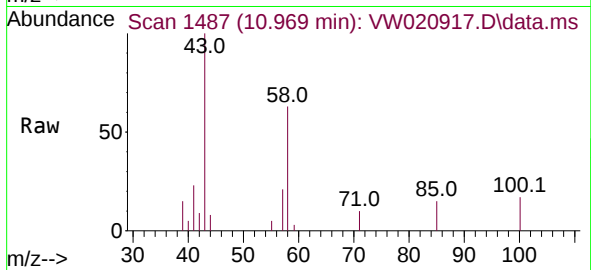




#59
2-Hexanone
Concen: 10.886 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

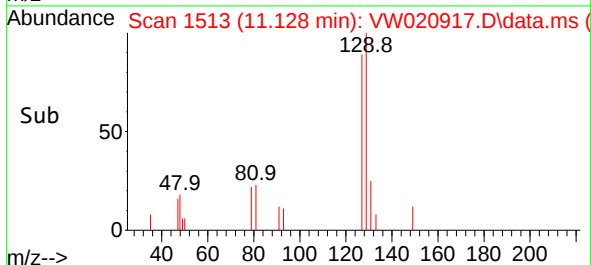
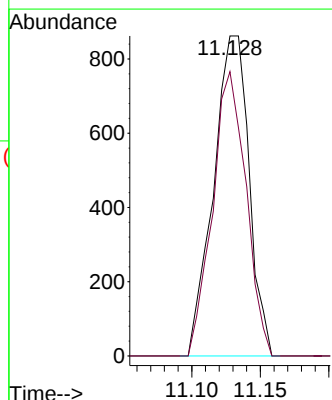
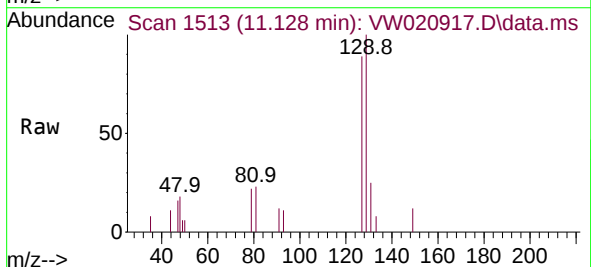
Instrument :
MSVOA_W
ClientSampleId :

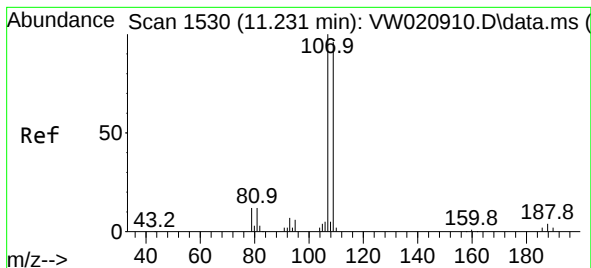
Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
58 57.1 26.7 80.0



#60
Dibromochloromethane
Concen: 2.185 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 129 Resp: 1558
Ion Ratio Lower Upper
129 100
127 83.4 38.4 115.1

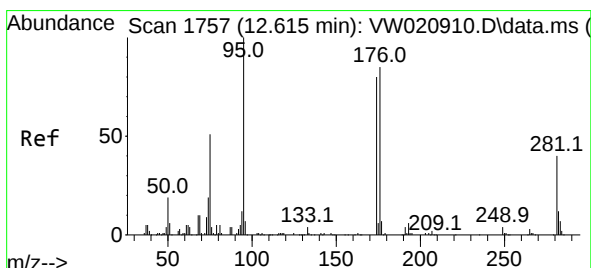
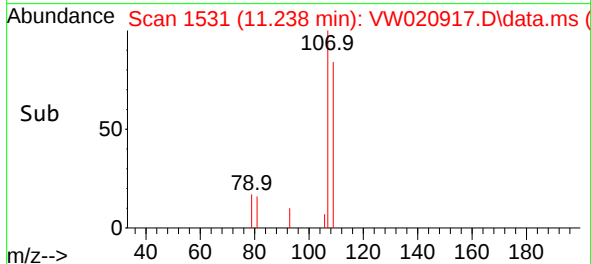
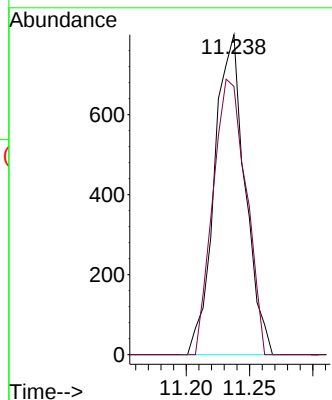
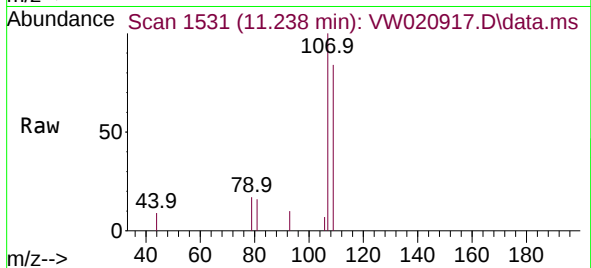




#61
1,2-Dibromoethane
Concen: 2.395 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

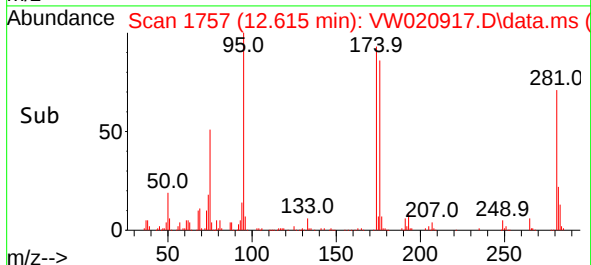
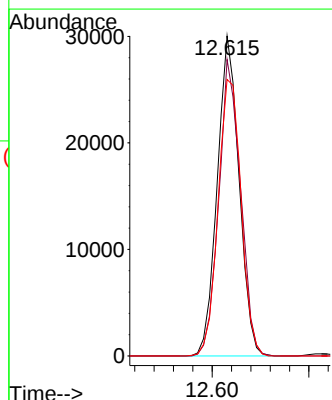
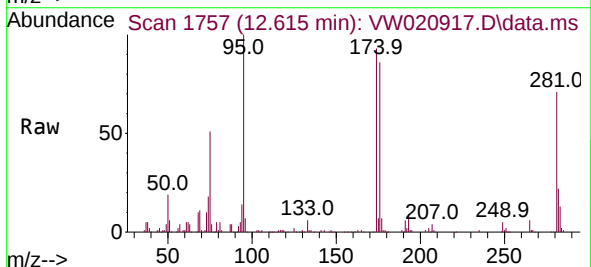
Instrument :
MSVOA_W
ClientSampleId :

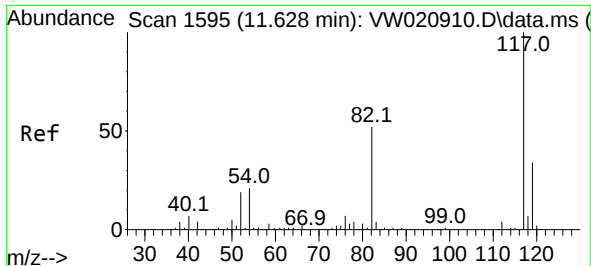
Tgt Ion:107 Resp: 1344
Ion Ratio Lower Upper
107 100
109 93.1 74.1 111.1



#62
4-Bromofluorobenzene
Concen: 48.534 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 95 Resp: 47001
Ion Ratio Lower Upper
95 100
174 92.1 0.0 171.2
176 91.1 0.0 175.4

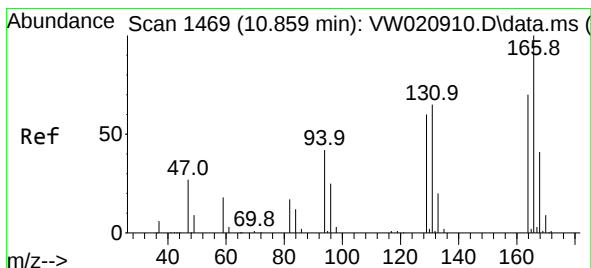
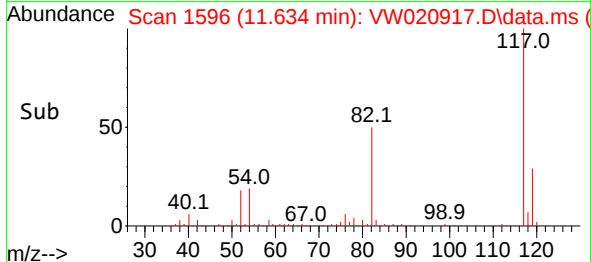
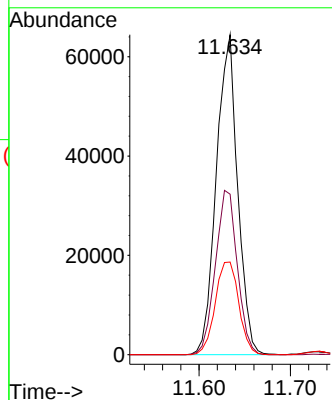
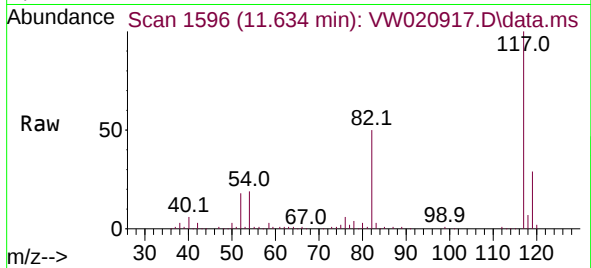




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

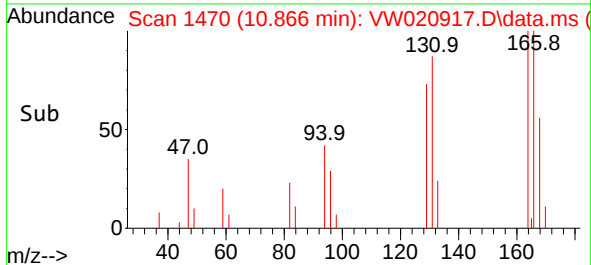
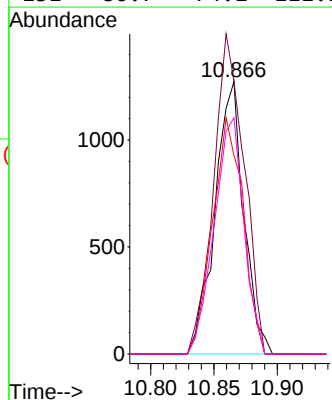
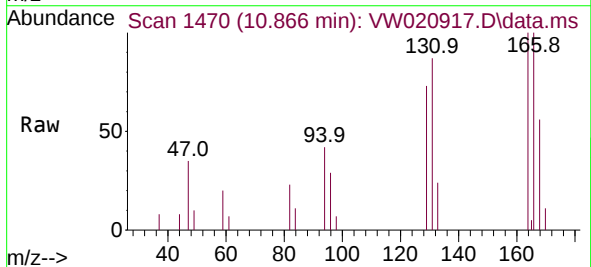
Instrument :
MSVOA_W
ClientSampleId :

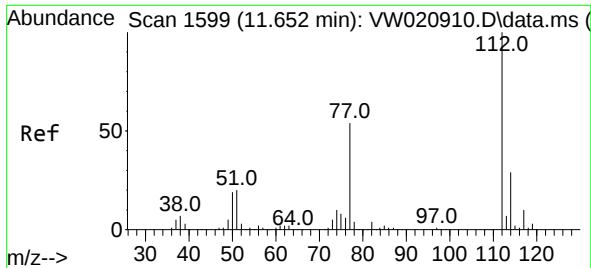
Tgt Ion:117 Resp: 104372
Ion Ratio Lower Upper
117 100
82 50.2 41.4 62.2
119 29.0 27.2 40.8



#64
Tetrachloroethene
Concen: 2.600 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:164 Resp: 2016
Ion Ratio Lower Upper
164 100
166 100.2 114.4 171.6#
129 72.9 68.3 102.5
131 86.7 74.1 111.1

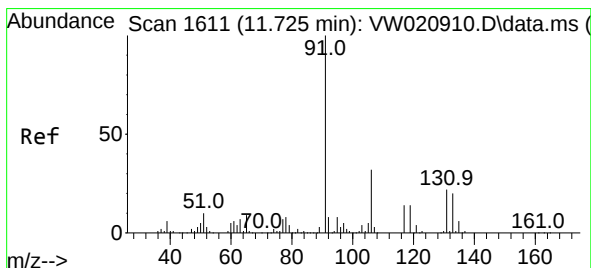
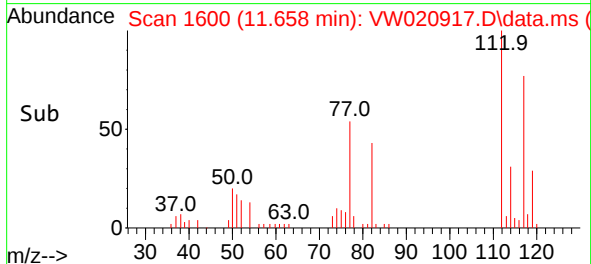
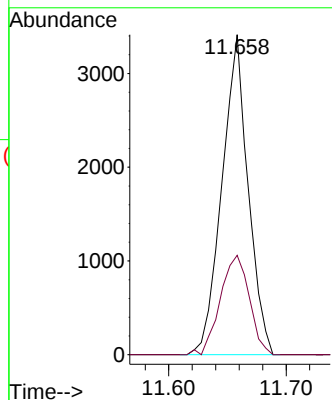
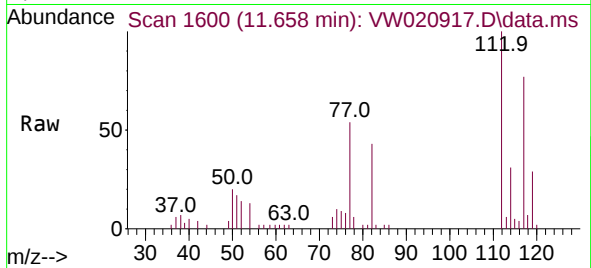




#65
Chlorobenzene
Concen: 2.515 ug/l
RT: 11.658 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

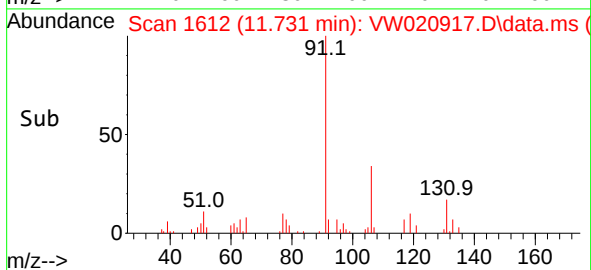
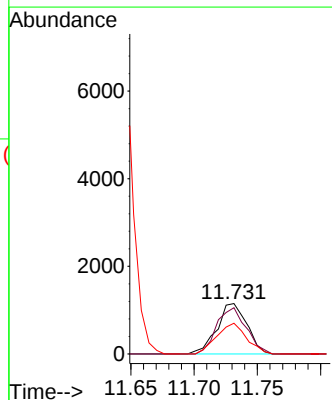
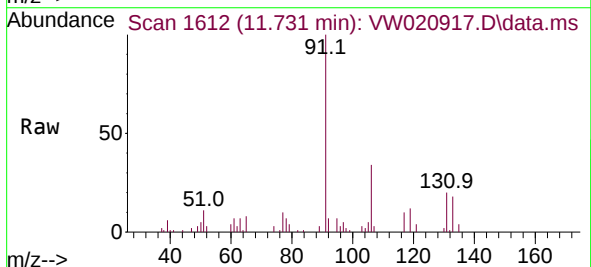
Instrument :
MSVOA_W
ClientSampleId :

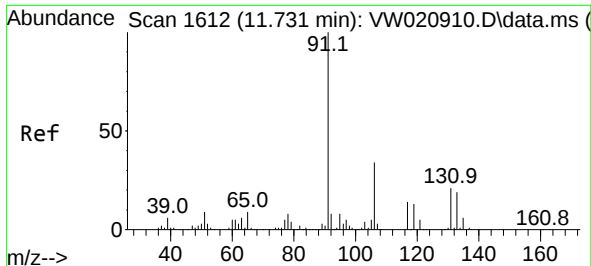
Tgt Ion:112 Resp: 5278
Ion Ratio Lower Upper
112 100
114 31.1 23.0 34.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.429 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:131 Resp: 1895
Ion Ratio Lower Upper
131 100
133 91.0 46.6 139.7
119 60.7 32.2 96.6





#67

Ethyl Benzene

Concen: 2.437 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

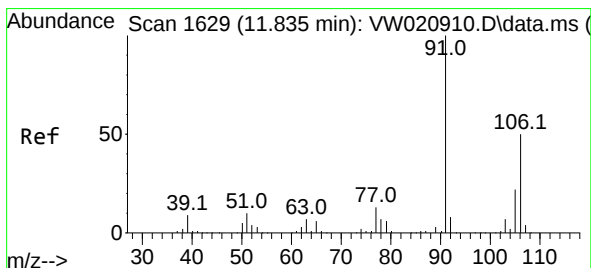
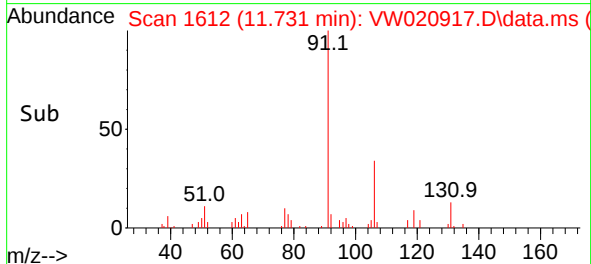
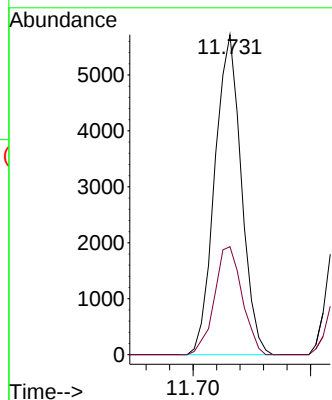
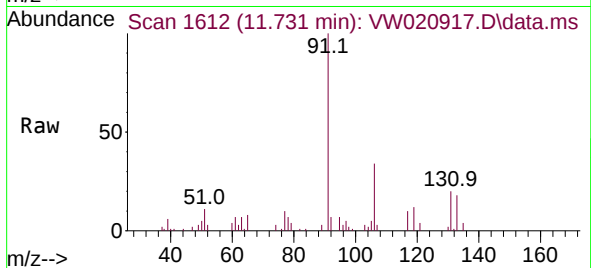
ClientSampleId :

Tgt Ion: 91 Resp: 8974

Ion Ratio Lower Upper

91 100

106 33.7 27.3 40.9



#68

m/p-Xylenes

Concen: 4.940 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW020917.D

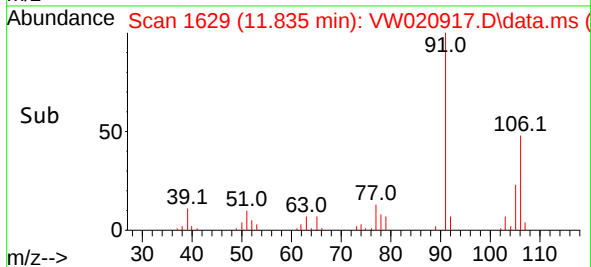
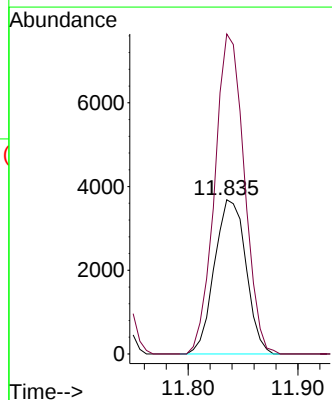
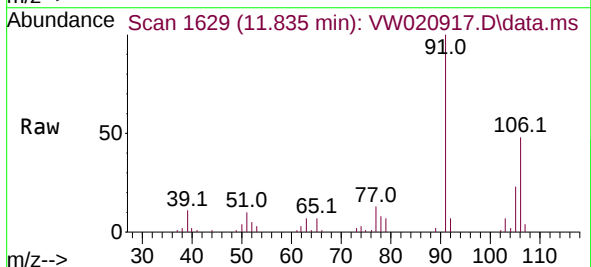
Acq: 17 Nov 2021 21:47

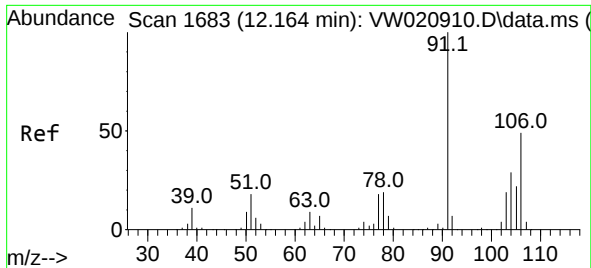
Tgt Ion:106 Resp: 7354

Ion Ratio Lower Upper

106 100

91 195.3 157.8 236.8

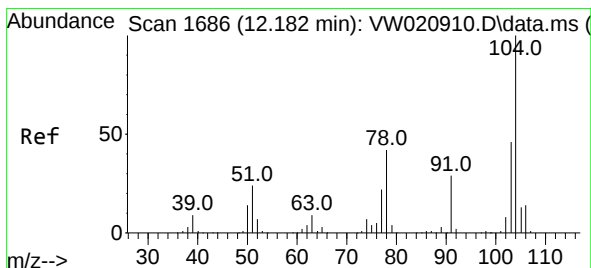
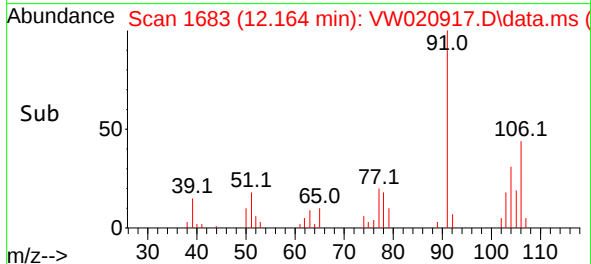
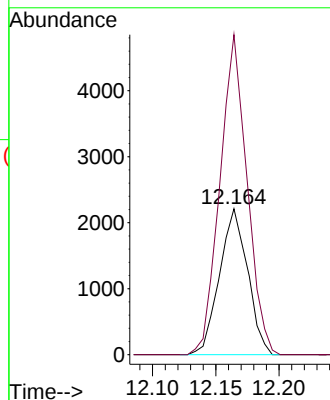
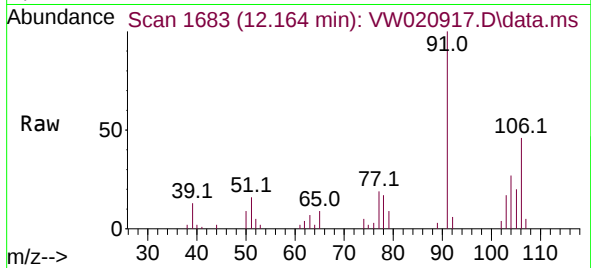




#69
o-Xylene
Concen: 2.451 ug/l
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

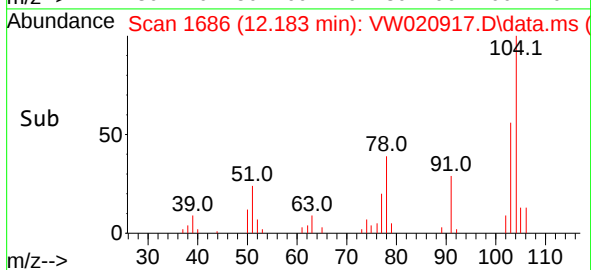
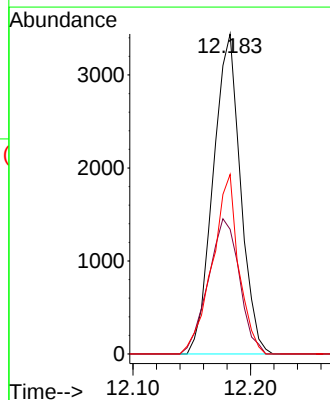
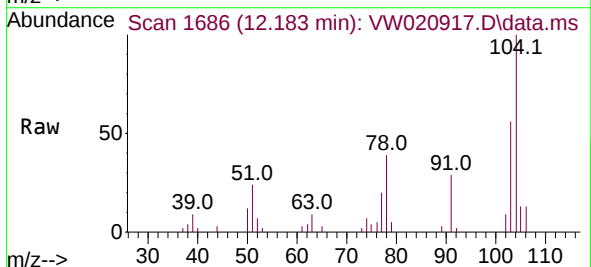
Instrument :
MSVOA_W
ClientSampleId :

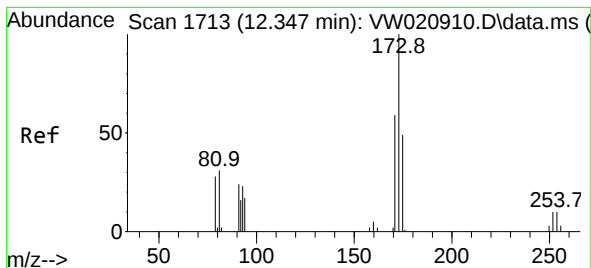
Tgt Ion:106 Resp: 3421
Ion Ratio Lower Upper
106 100
91 211.4 104.3 312.9



#70
Styrene
Concen: 2.369 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:104 Resp: 5554
Ion Ratio Lower Upper
104 100
78 48.3 39.4 59.2
103 54.2 42.6 63.8





#71

Bromoform

Concen: 2.186 ug/l

RT: 12.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020917.D

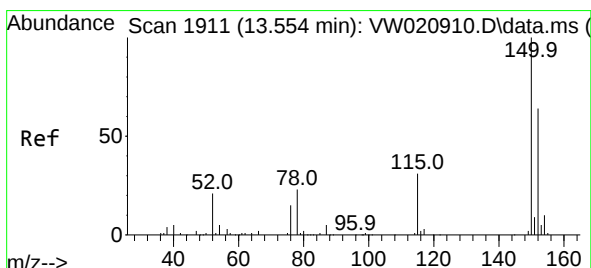
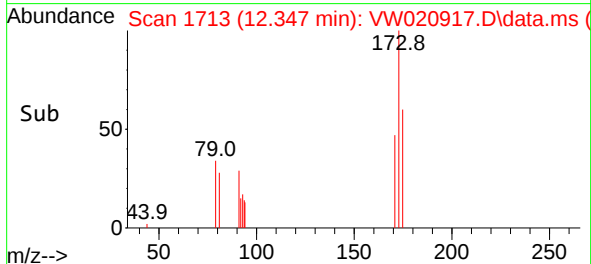
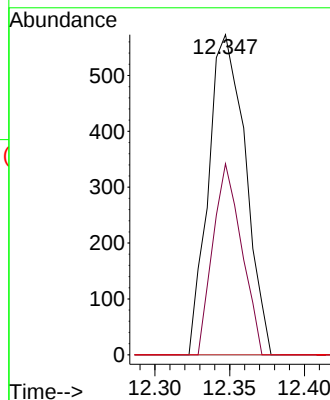
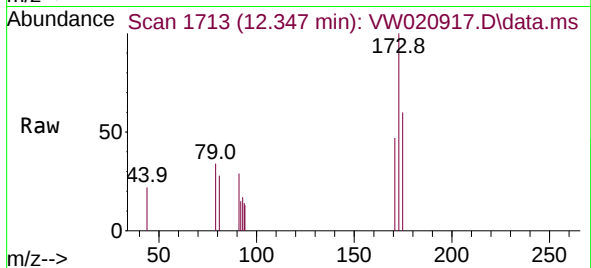
Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	986
Ion Ratio	Lower	Upper	
173	100		
175	46.2	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

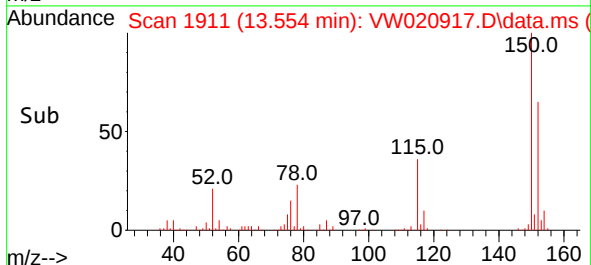
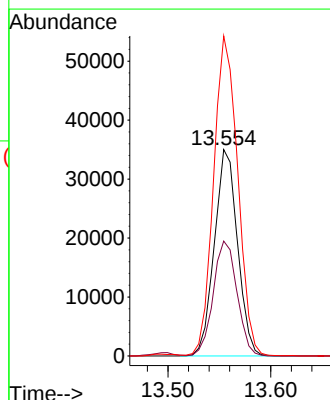
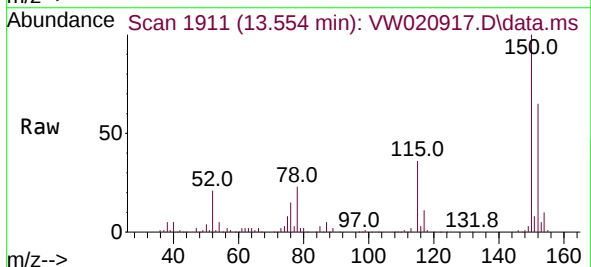
RT: 13.554 min Scan# 1911

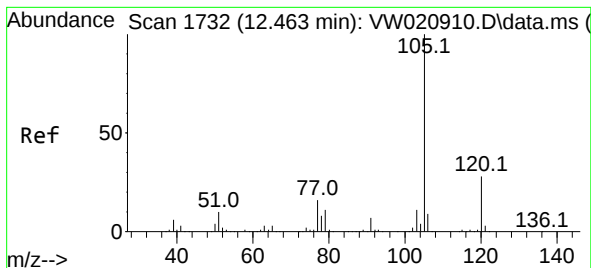
Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Tgt Ion:	152	Resp:	54643
Ion Ratio	Lower	Upper	
152	100		
115	57.2	27.8	83.3
150	161.7	0.0	348.4





#73

Isopropylbenzene

Concen: 2.471 ug/l

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

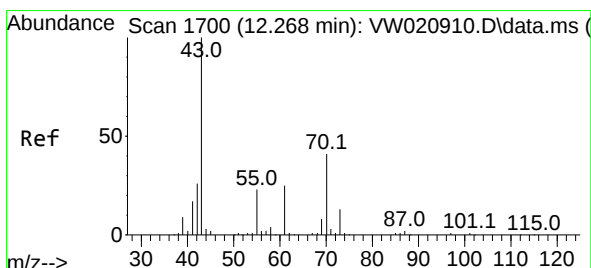
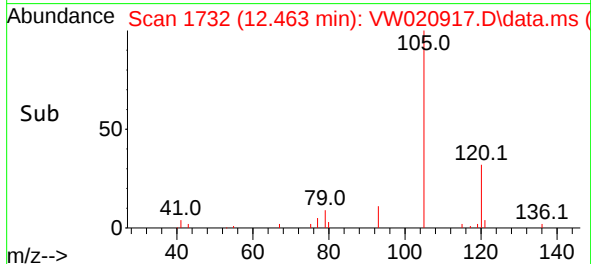
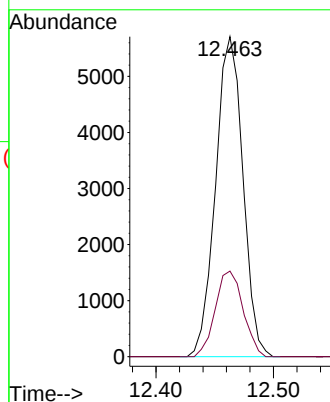
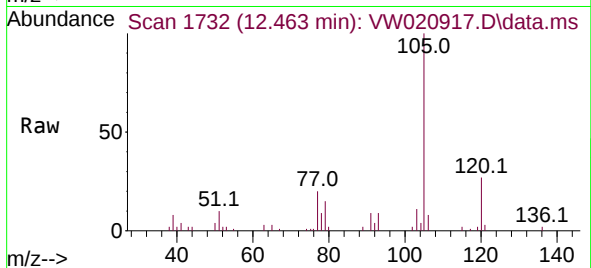
ClientSampleId :

Tgt Ion:105 Resp: 9226

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



#74

N-ethyl acetate

Concen: 2.317 ug/l

RT: 12.274 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Tgt Ion: 43 Resp: 2061

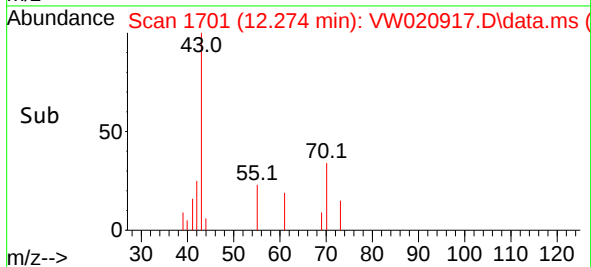
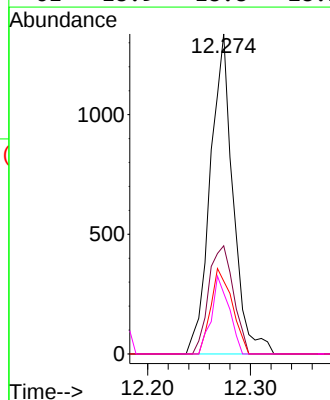
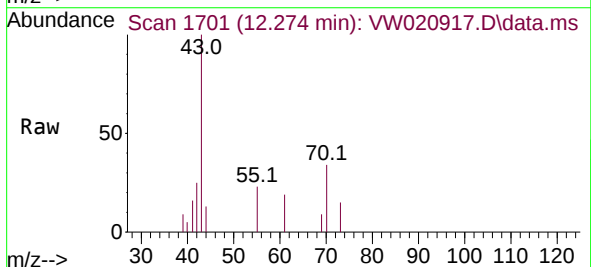
Ion Ratio Lower Upper

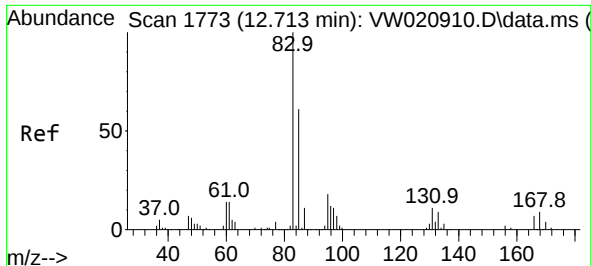
43 100

70 36.7 33.7 50.5

55 25.1 18.5 27.7

61 18.9 18.8 28.2

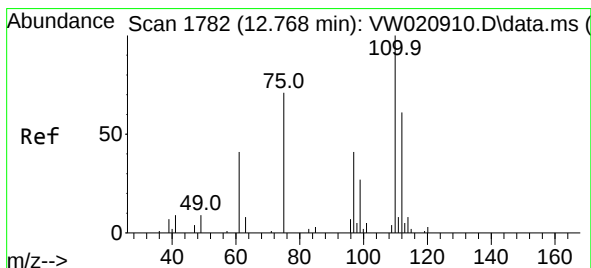
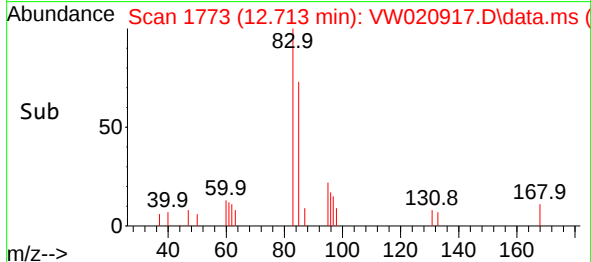
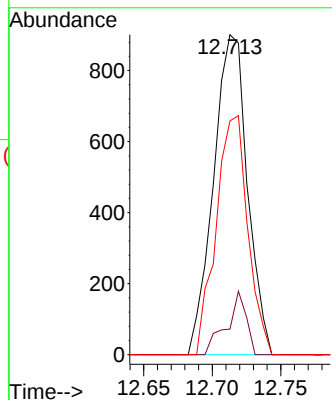
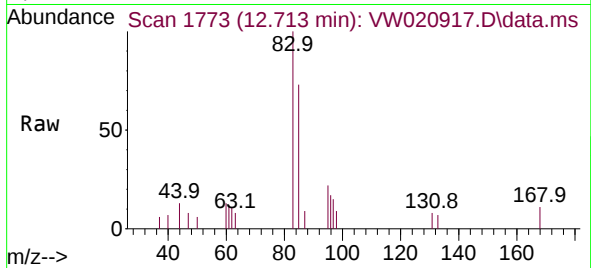




#75
1,1,2,2-Tetrachloroethane
Concen: 2.385 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

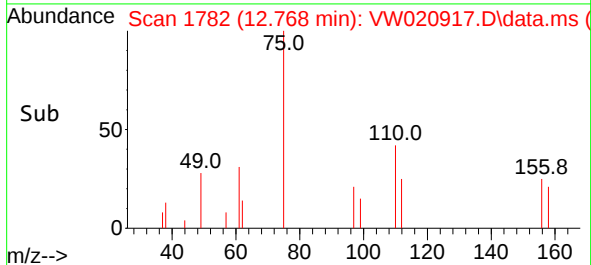
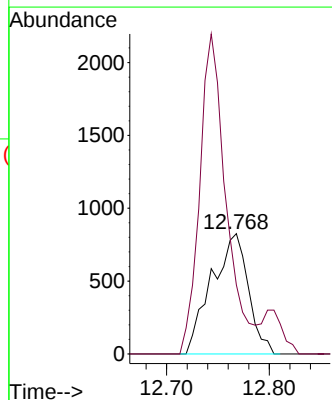
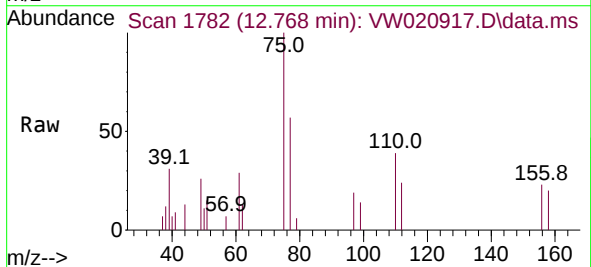
Instrument :
MSVOA_W
ClientSampleId :

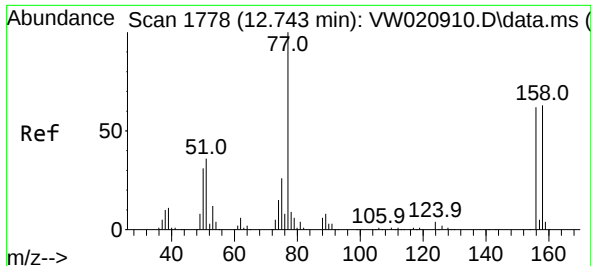
Tgt Ion: 83 Resp: 1554
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 69.4 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 4.167 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

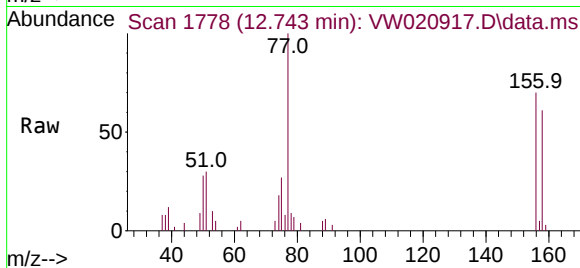
Tgt Ion: 75 Resp: 2046
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



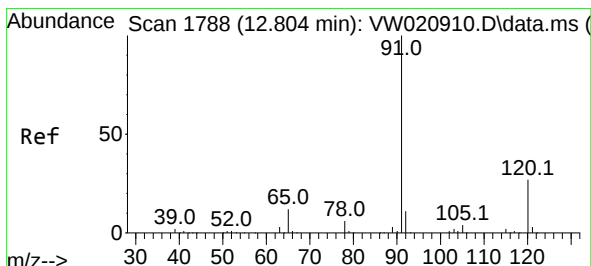
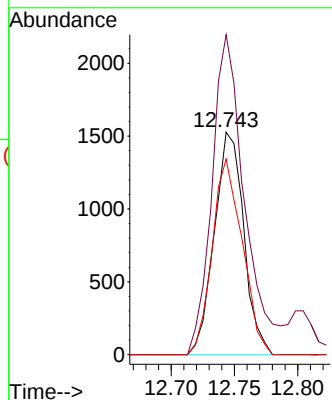
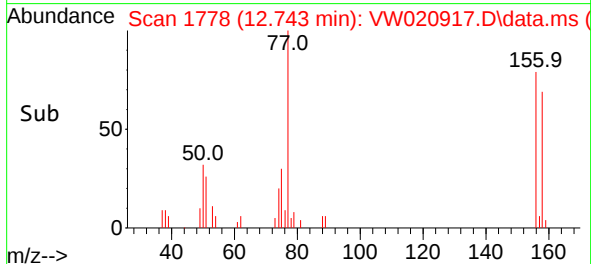


#77
Bromobenzene
Concen: 2.720 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

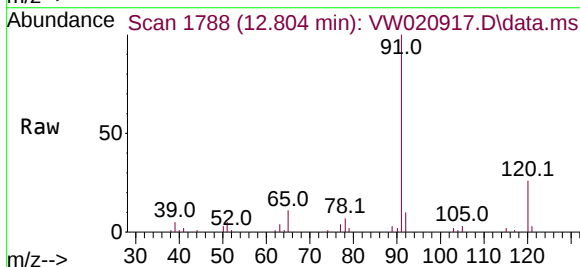
Instrument :
MSVOA_W
ClientSampleId :



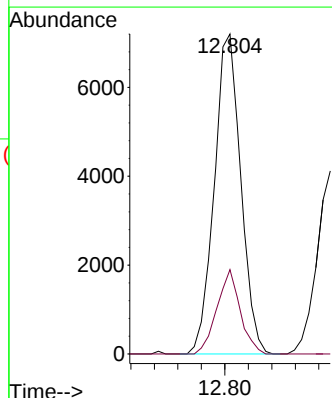
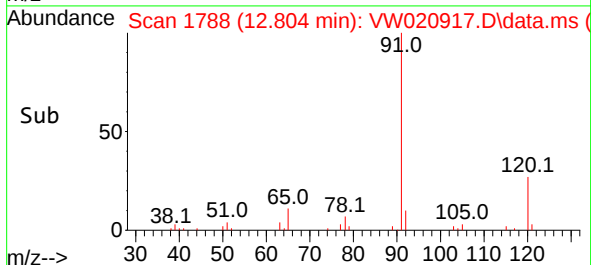
Tgt Ion:156 Resp: 2467
Ion Ratio Lower Upper
156 100
77 159.1 87.0 261.0
158 89.9 49.8 149.4

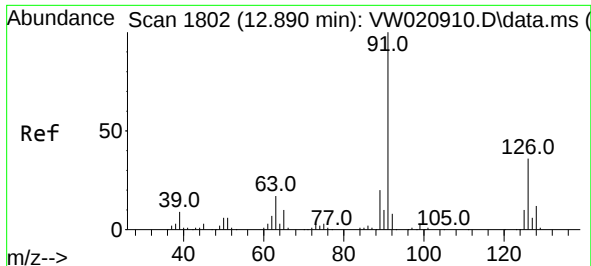


#78
n-propylbenzene
Concen: 2.560 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion: 91 Resp: 11259
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.4





#79

2-Chlorotoluene

Concen: 2.610 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

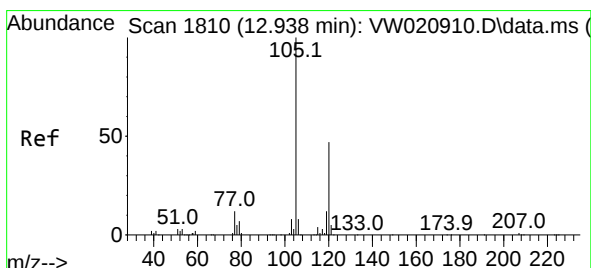
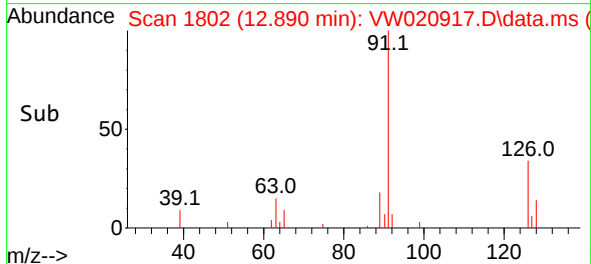
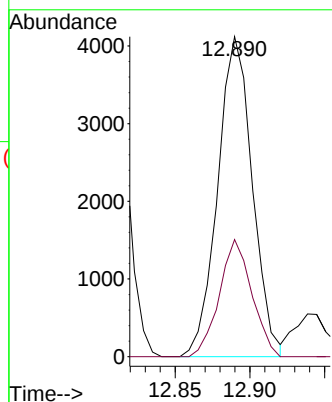
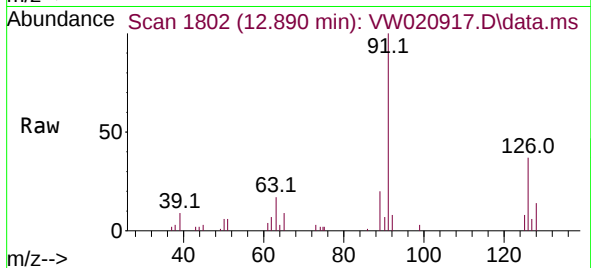
ClientSampleId :

Tgt Ion: 91 Resp: 6634

Ion Ratio Lower Upper

91 100

126 34.3 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 2.534 ug/l

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW020917.D

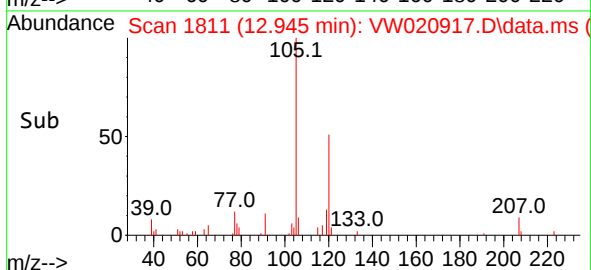
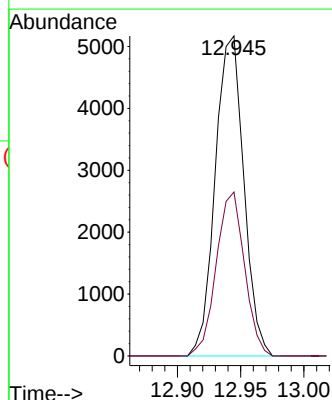
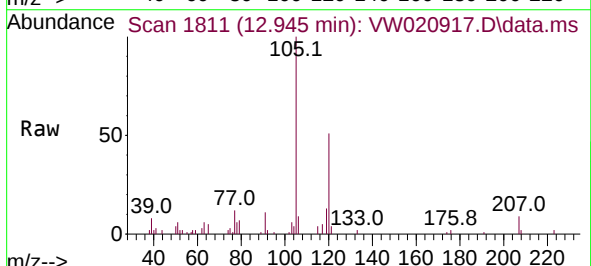
Acq: 17 Nov 2021 21:47

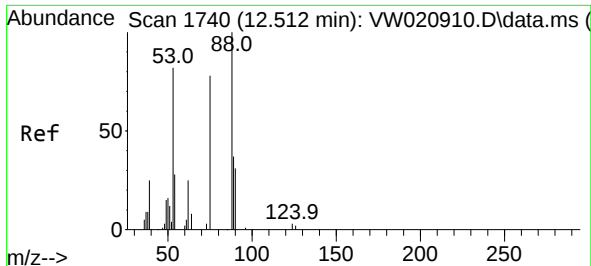
Tgt Ion: 105 Resp: 8114

Ion Ratio Lower Upper

105 100

120 50.7 24.7 74.1

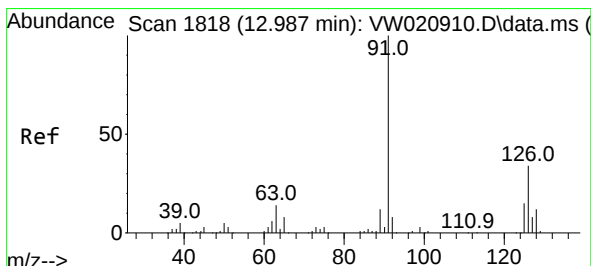
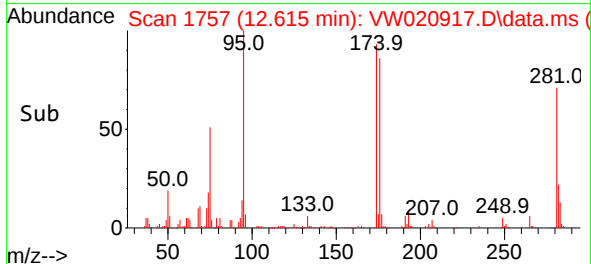
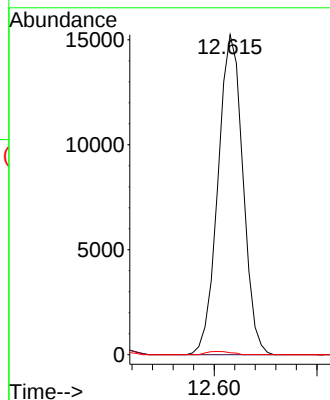
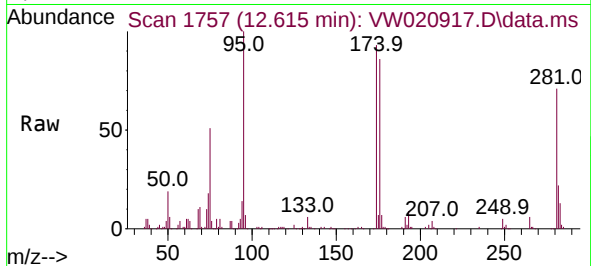




#81
trans-1,4-Dichloro-2-butene
Concen: 122.883 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

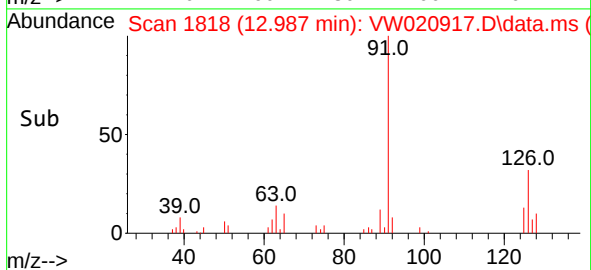
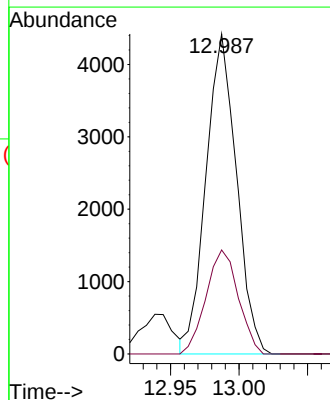
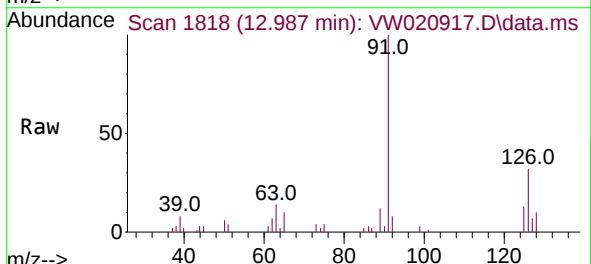
Instrument :
MSVOA_W
ClientSampleId :

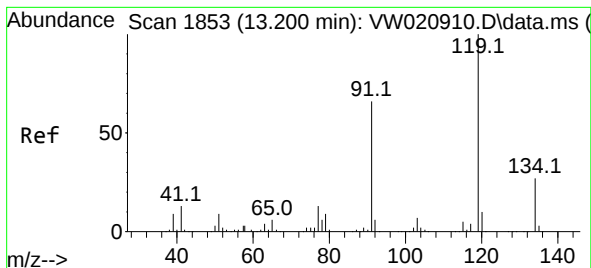
Tgt Ion: 75 Resp: 25647
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8#
89 1.0 38.6 57.8#



#82
4-Chlorotoluene
Concen: 2.530 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 91 Resp: 6819
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2

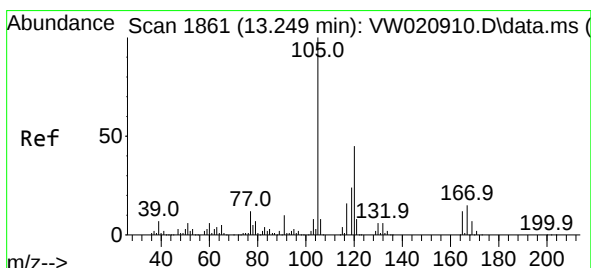
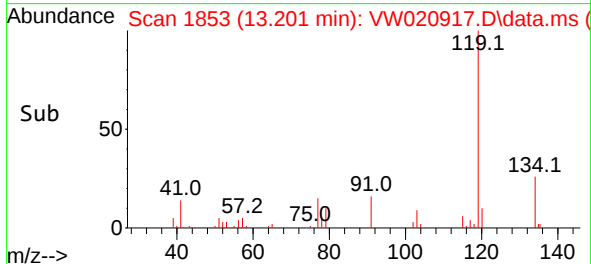
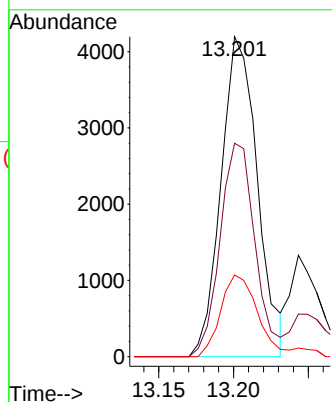
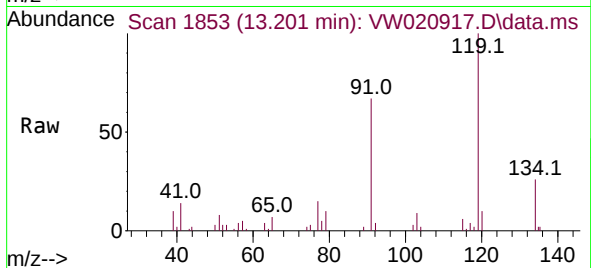




#83
tert-Butylbenzene
Concen: 2.480 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

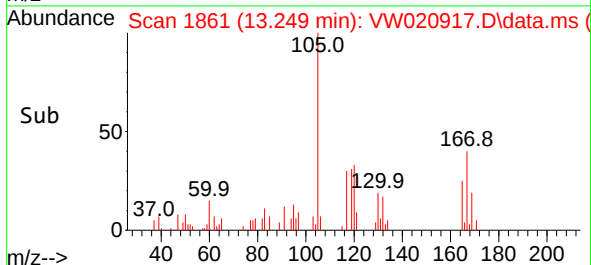
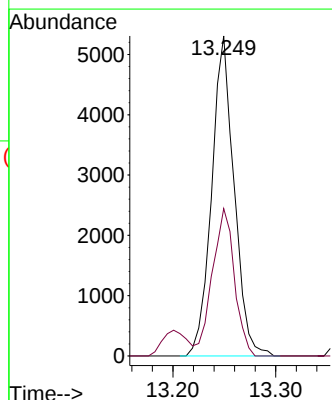
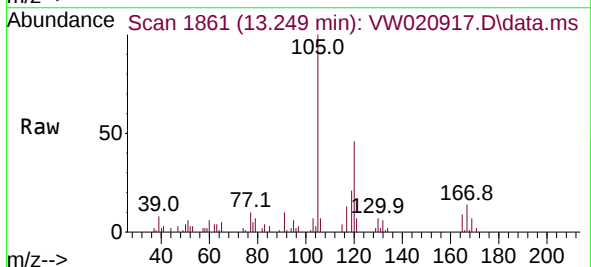
Instrument :
MSVOA_W
ClientSampleId :

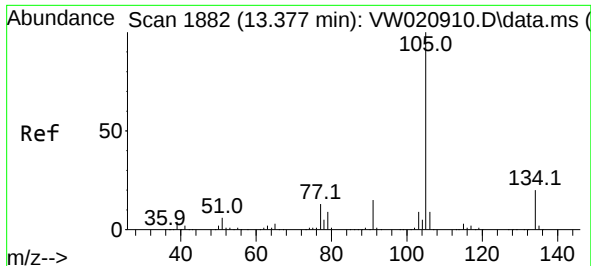
Tgt Ion:119 Resp: 7097
Ion Ratio Lower Upper
119 100
91 64.2 32.6 97.8
134 25.9 13.2 39.5



#84
1,2,4-Trimethylbenzene
Concen: 2.549 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:105 Resp: 8059
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1

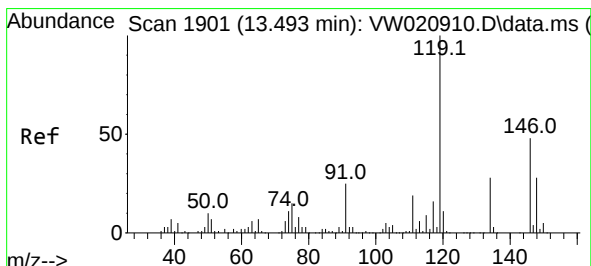
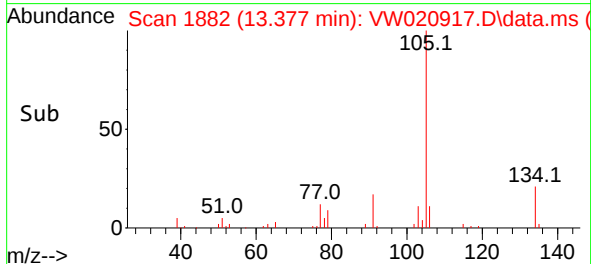
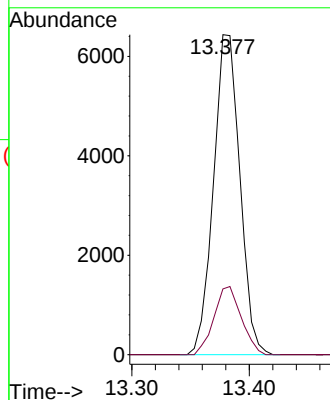
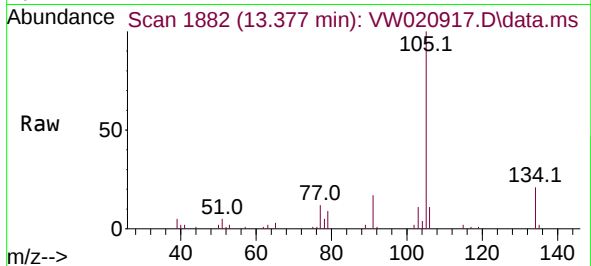




#85
 sec-Butylbenzene
 Concen: 2.438 ug/l
 RT: 13.377 min Scan# 1882
 Delta R.T. 0.000 min
 Lab File: VW020917.D
 Acq: 17 Nov 2021 21:47

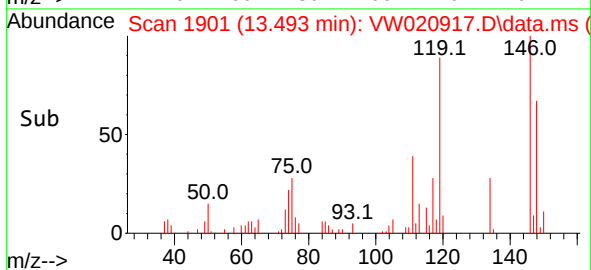
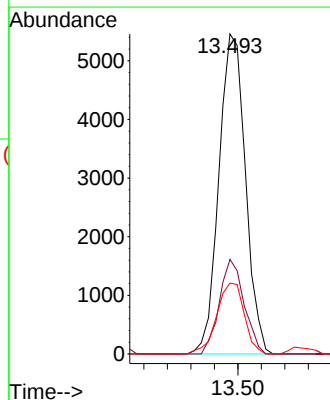
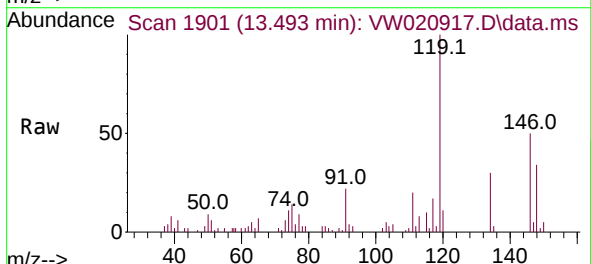
Instrument :
 MSVOA_W
 ClientSampleId :

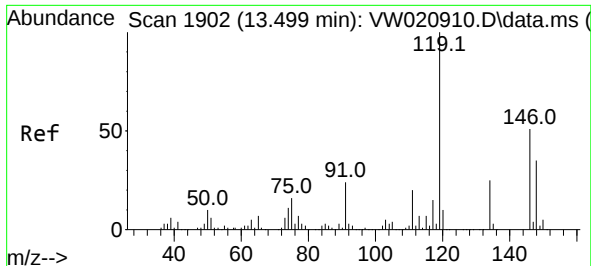
Tgt Ion:105 Resp: 10040
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 2.413 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020917.D
 Acq: 17 Nov 2021 21:47

Tgt Ion:119 Resp: 8569
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.5
 91 22.9 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 2.587 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

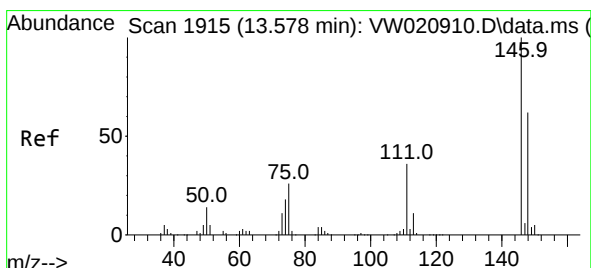
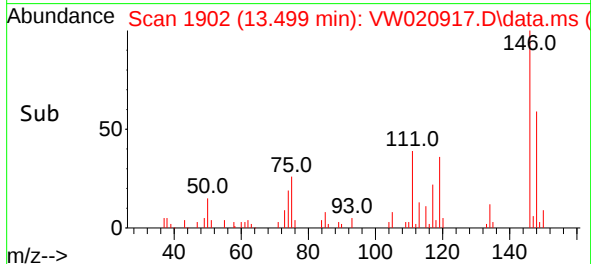
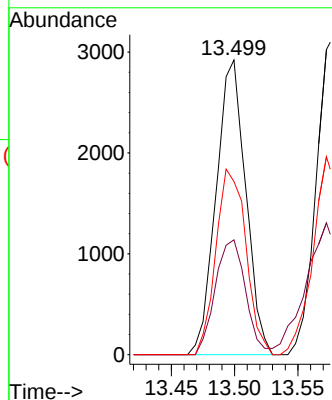
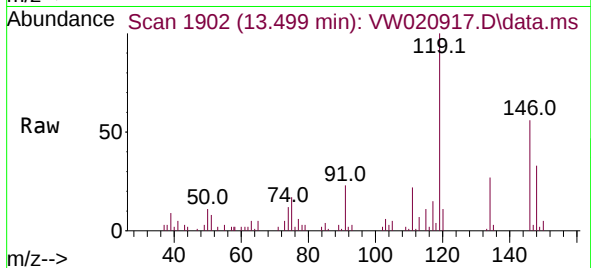
Tgt Ion:146 Resp: 4756

Ion Ratio Lower Upper

146 100

111 40.2 20.0 59.9

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 2.755 ug/l

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

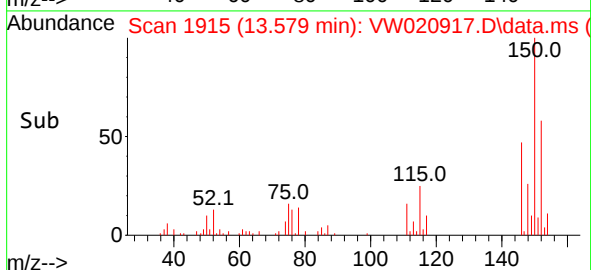
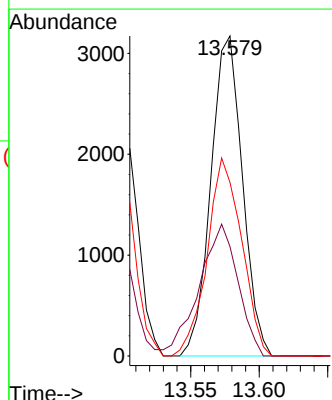
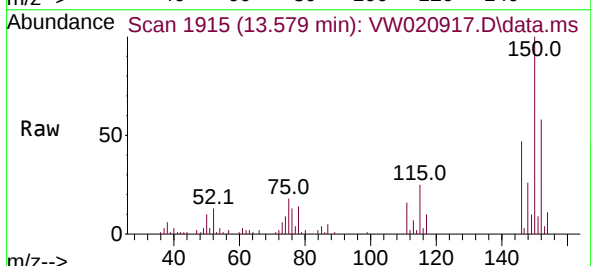
Tgt Ion:146 Resp: 5088

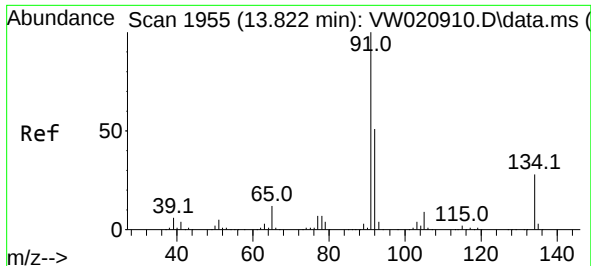
Ion Ratio Lower Upper

146 100

111 50.4 18.8 56.4

148 67.4 31.1 93.2

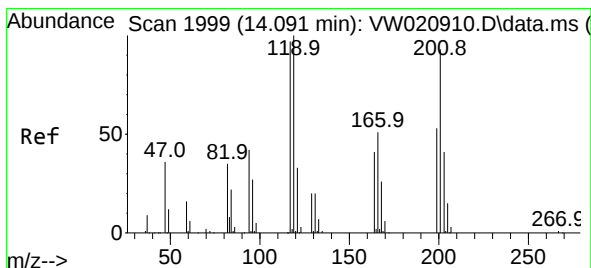
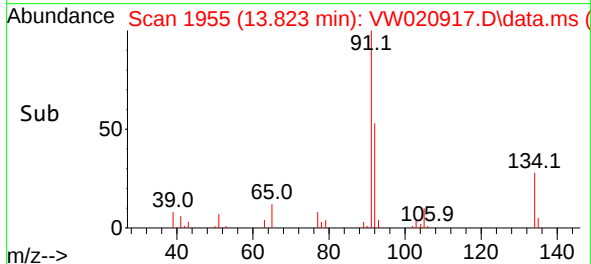
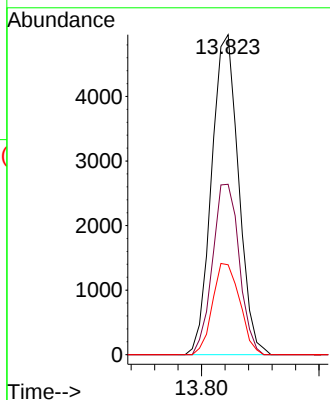
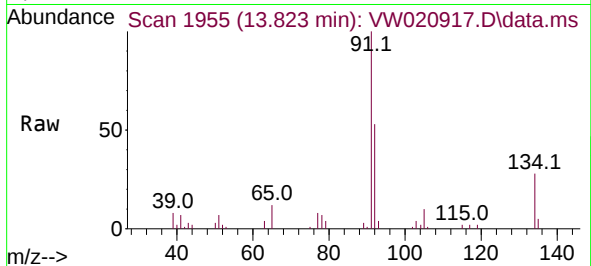




#89
n-Butylbenzene
Concen: 2.477 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

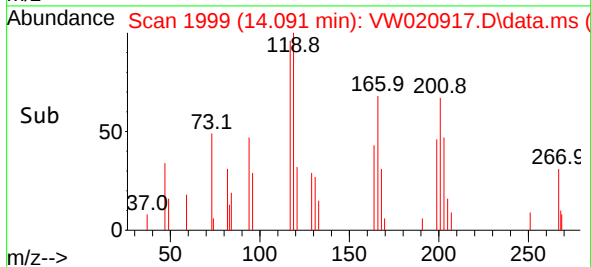
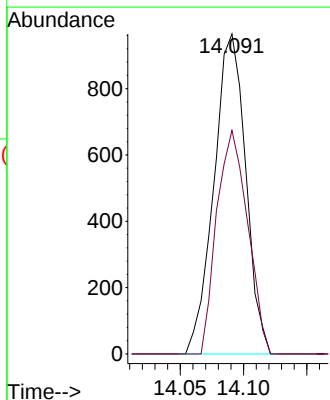
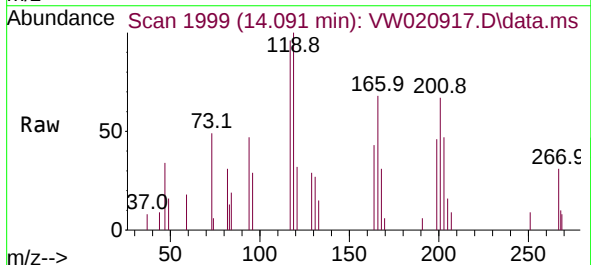
Instrument :
MSVOA_W
ClientSampleId :

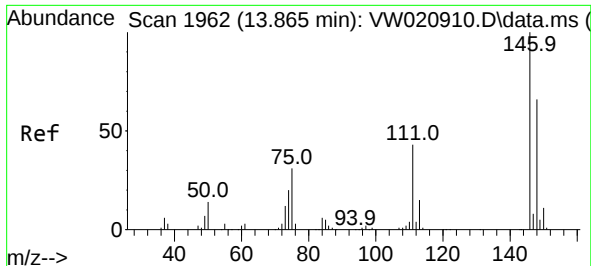
Tgt Ion:	91	Resp:	7897
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.5	79.4
134	28.8	13.6	40.8



#90
Hexachloroethane
Concen: 2.520 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:	117	Resp:	1685
Ion	Ratio	Lower	Upper
117	100		
201	67.8	43.8	131.4





#91

1,2-Dichlorobenzene

Concen: 2.657 ug/l

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

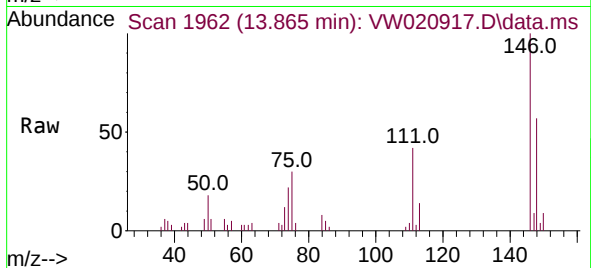
Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :



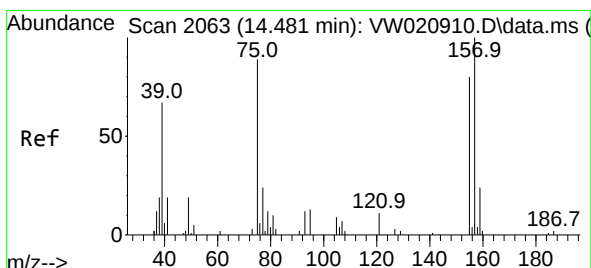
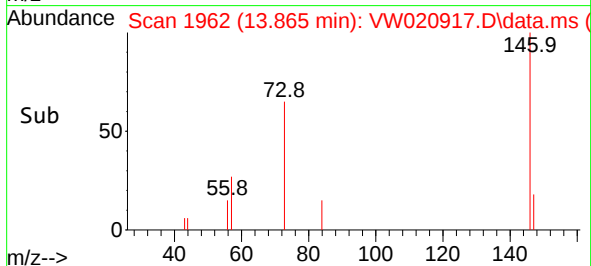
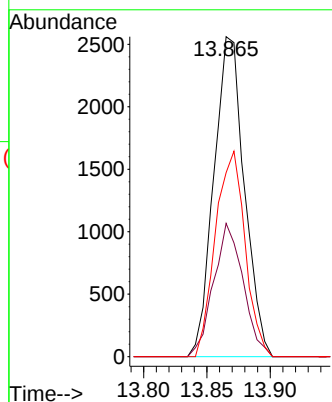
Tgt Ion:146 Resp: 4291

Ion Ratio Lower Upper

146 100

111 40.3 21.1 63.3

148 62.5 32.6 97.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.229 ug/l

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

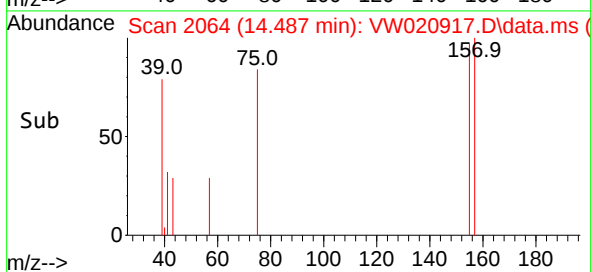
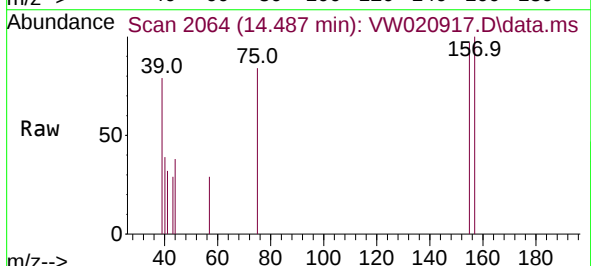
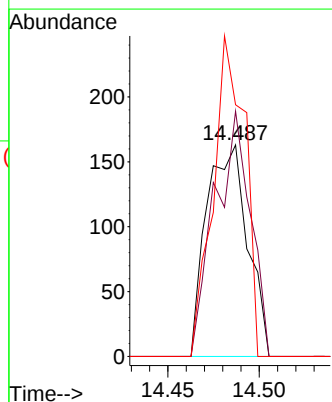
Tgt Ion: 75 Resp: 255

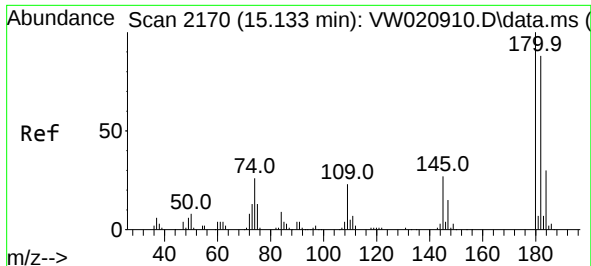
Ion Ratio Lower Upper

75 100

155 100.4 45.9 137.6

157 116.9 57.8 173.4

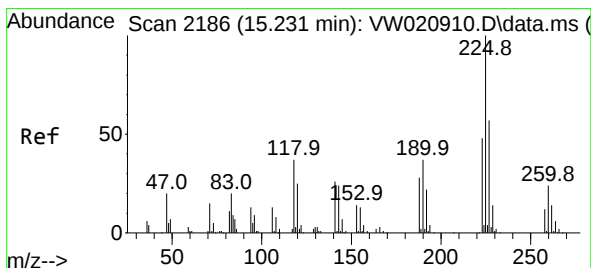
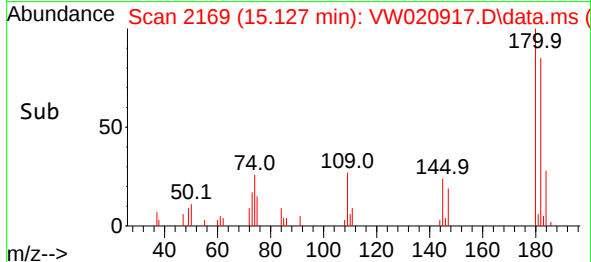
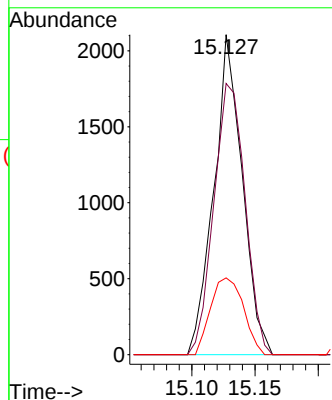
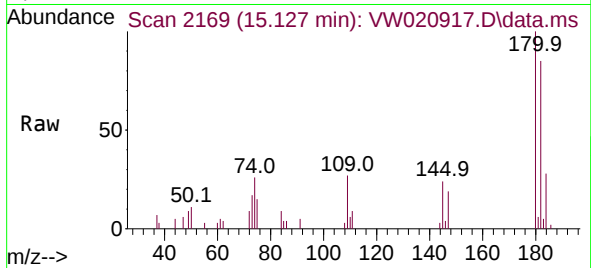




#93
1,2,4-Trichlorobenzene
Concen: 2.856 ug/l
RT: 15.127 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

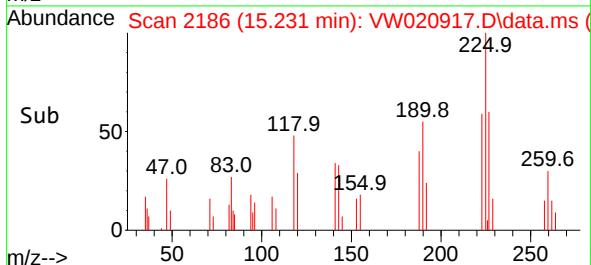
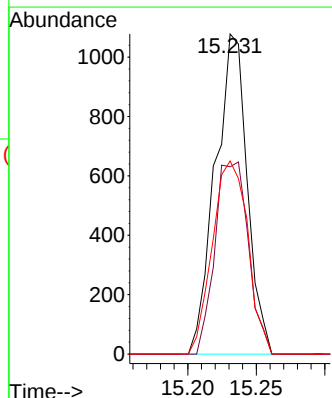
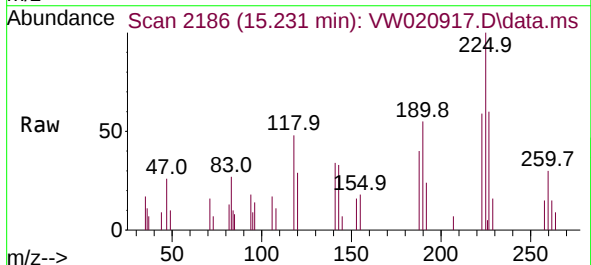
Instrument :
MSVOA_W
ClientSampleId :

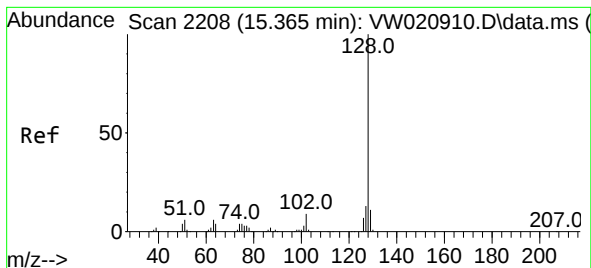
Tgt Ion:180 Resp: 3286
Ion Ratio Lower Upper
180 100
182 93.2 46.5 139.3
145 27.8 15.0 45.1



#94
Hexachlorobutadiene
Concen: 2.672 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

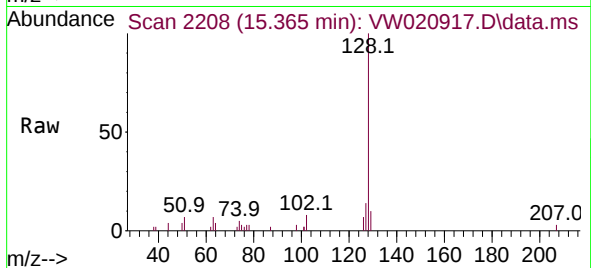
Tgt Ion:225 Resp: 1744
Ion Ratio Lower Upper
225 100
223 63.0 31.1 93.3
227 67.0 32.8 98.3



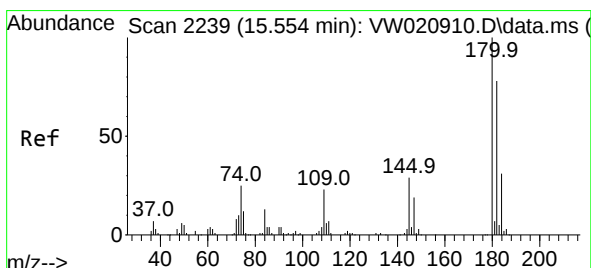
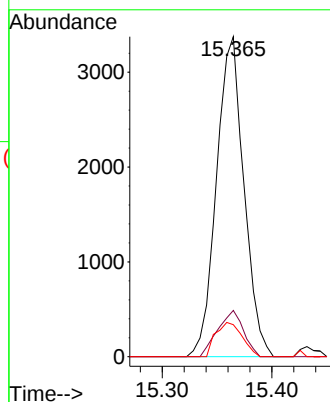
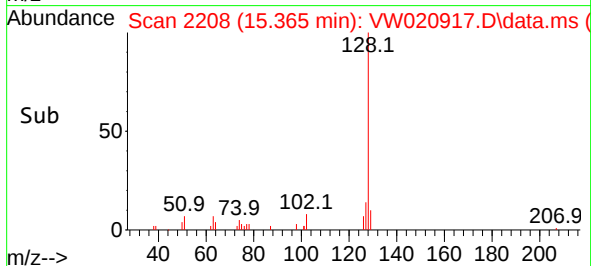


#95
Naphthalene
Concen: 2.750 ug/l
RT: 15.365 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128	Resp:	5865
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.6 16.0
129	10.3	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.992 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:180	Resp:	3036
Ion Ratio	Lower	Upper
180	100	
182	94.3	46.2 138.6
145	33.4	14.9 44.5

