

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111221\
 Data File : VW020859.D
 Acq On : 12 Nov 2021 17:33
 Operator : SY/VA
 Sample : VW1112SBS01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 15 00:09:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 13 07:30:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	104005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	148744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	135910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	71069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	45205	52.559	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.120%	
35) Dibromofluoromethane	7.885	113	45705	54.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.920%	
50) Toluene-d8	10.323	98	172113	52.901	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.800%	
62) 4-Bromofluorobenzene	12.615	95	61871	52.710	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.420%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	3302	16.929	ug/l	98
3) Chloromethane	2.209	50	10752	19.118	ug/l	100
4) Vinyl Chloride	2.361	62	11407	13.086	ug/l	98
5) Bromomethane	2.770	94	8048	13.382	ug/l	100
6) Chloroethane	2.910	64	5668	14.664	ug/l	98
7) Trichlorofluoromethane	3.251	101	8110	17.864	ug/l	96
8) Diethyl Ether	3.684	74	7176	20.257	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.062	101	13529	16.942	ug/l	98
10) Methyl Iodide	4.269	142	22384	20.416	ug/l	98
11) Tert butyl alcohol	5.196	59	4869	82.325	ug/l #	81
12) 1,1-Dichloroethene	4.038	96	13788	17.844	ug/l	98
13) Acrolein	3.891	56	2104	80.917	ug/l	98
14) Allyl chloride	4.666	41	22638	19.782	ug/l	93
15) Acrylonitrile	5.373	53	14647	72.483	ug/l	99
16) Acetone	4.135	43	13918	69.895	ug/l	97
17) Carbon Disulfide	4.379	76	34698	16.849	ug/l	100
18) Methyl Acetate	4.672	43	12050	16.103	ug/l	98
19) Methyl tert-butyl Ether	5.422	73	25363	23.025	ug/l	97
20) Methylene Chloride	4.916	84	15781	18.128	ug/l	94
21) trans-1,2-Dichloroethene	5.422	96	16326	19.467	ug/l	93
22) Diisopropyl ether	6.312	45	45111	20.992	ug/l	96
23) Vinyl Acetate	6.257	43	118774	89.150	ug/l	99
24) 1,1-Dichloroethane	6.214	63	27444	19.389	ug/l	96
25) 2-Butanone	7.177	43	20426	71.084	ug/l	96
26) 2,2-Dichloropropane	7.159	77	21072	21.937	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	18067	19.601	ug/l	95
28) Bromochloromethane	7.513	49	14246	21.231	ug/l #	90
29) Tetrahydrofuran	7.531	42	12790	71.402	ug/l	99
30) Chloroform	7.677	83	29663	19.889	ug/l	99
31) Cyclohexane	7.958	56	26781	17.360	ug/l #	95
32) 1,1,1-Trichloroethane	7.872	97	25448	19.204	ug/l	96
36) 1,1-Dichloropropene	8.086	75	22937	18.656	ug/l	97
37) Ethyl Acetate	7.250	43	9465	15.946	ug/l	97
38) Carbon Tetrachloride	8.067	117	23162	17.986	ug/l	94
39) Methylcyclohexane	9.335	83	29468	18.273	ug/l	93
40) Benzene	8.323	78	63634	19.337	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4903	14.314	ug/l #	89
42) 1,2-Dichloroethane	8.397	62	18621	19.227	ug/l	98
43) Isopropyl Acetate	8.421	43	18546	16.434	ug/l	97
44) Trichloroethene	9.092	130	19223	19.627	ug/l	99
45) 1,2-Dichloropropane	9.372	63	15157	20.279	ug/l	99
46) Dibromomethane	9.457	93	8730	18.885	ug/l	97
47) Bromodichloromethane	9.640	83	21745	19.685	ug/l	95
48) Methyl methacrylate	9.433	41	7890	14.645	ug/l	89
49) 1,4-Dioxane	9.457	88	2226	318.152	ug/l #	76
51) 4-Methyl-2-Pentanone	10.207	43	46758	78.017	ug/l	99
52) Toluene	10.384	92	41913	19.441	ug/l	99
53) t-1,3-Dichloropropene	10.604	75	21899	19.269	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	25249	19.966	ug/l	95
55) 1,1,2-Trichloroethane	10.786	97	12102	19.718	ug/l	91
56) Ethyl methacrylate	10.646	69	15258	18.016	ug/l	94
57) 1,3-Dichloropropane	10.927	76	19911	19.203	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.921	63	46250	97.195	ug/l	94
59) 2-Hexanone	10.969	43	32557	74.012	ug/l	99
60) Dibromochloromethane	11.128	129	14926	18.508	ug/l	96
61) 1,2-Dibromoethane	11.231	107	11969	18.875	ug/l	95
64) Tetrachloroethene	10.866	164	16473	18.731	ug/l	87
65) Chlorobenzene	11.658	112	46574	19.596	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.731	131	17342	20.113	ug/l	98
67) Ethyl Benzene	11.731	91	81255	18.599	ug/l	96
68) m/p-Xylenes	11.835	106	65261	37.778	ug/l	93
69) o-Xylene	12.164	106	30913	19.282	ug/l	92
70) Styrene	12.176	104	50724	18.944	ug/l	99
71) Bromoform	12.347	173	9672	17.355	ug/l #	99
73) Isopropylbenzene	12.463	105	84777	19.122	ug/l	98
74) N-amyl acetate	12.268	43	18235	17.225	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	13126	16.586	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	17443	31.921	ug/l #	100
77) Bromobenzene	12.749	156	20783	20.231	ug/l	90
78) n-propylbenzene	12.804	91	98349	18.260	ug/l	98
79) 2-Chlorotoluene	12.890	91	55794	18.886	ug/l	94
80) 1,3,5-Trimethylbenzene	12.945	105	70124	18.986	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.506	75	4452	16.037	ug/l	94
82) 4-Chlorotoluene	12.987	91	58323	19.078	ug/l	95
83) tert-Butylbenzene	13.201	119	63238	18.236	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	70614	19.453	ug/l	99
85) sec-Butylbenzene	13.377	105	91645	18.488	ug/l	97
86) p-Isopropyltoluene	13.493	119	78956	18.585	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	41311	19.884	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	40598	19.783	ug/l	99
89) n-Butylbenzene	13.816	91	72527	18.338	ug/l	99
90) Hexachloroethane	14.091	117	15358	18.801	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	36131	20.566	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2296	14.459	ug/l	92
93) 1,2,4-Trichlorobenzene	15.127	180	27187	20.314	ug/l	93
94) Hexachlorobutadiene	15.231	225	15011	17.794	ug/l	95
95) Naphthalene	15.365	128	42404	16.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	22166	19.175	ug/l	98

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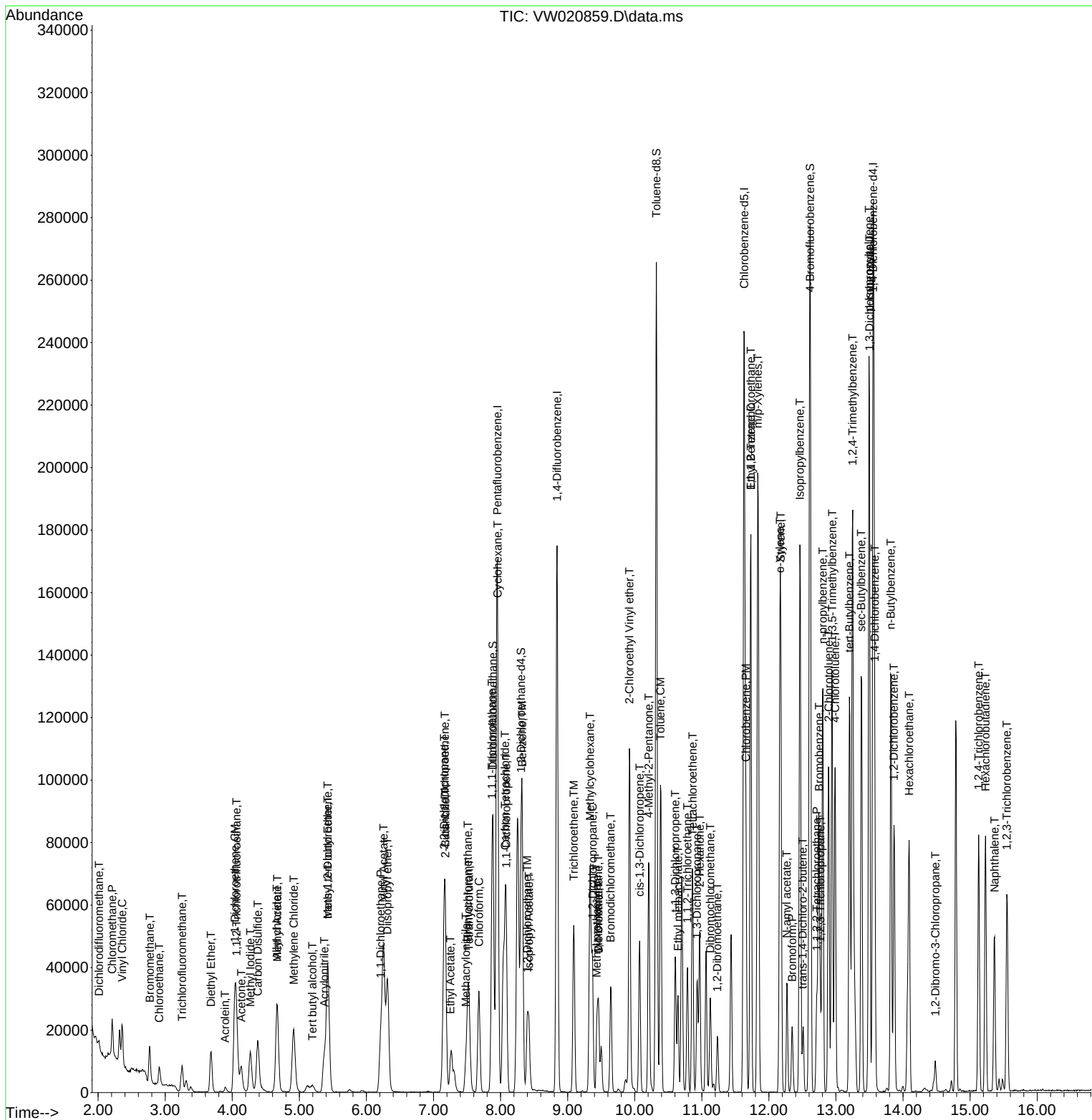
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MSVOA_W
ClientSampleId :

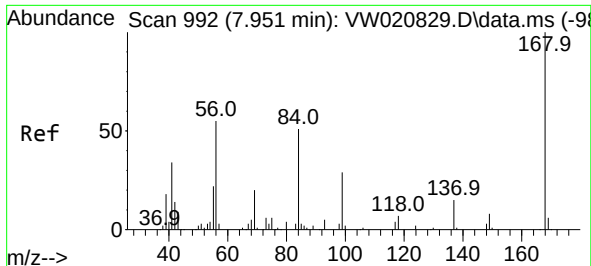
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

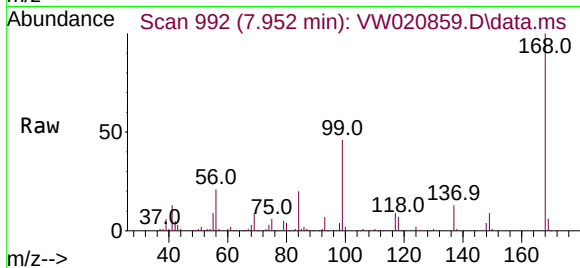
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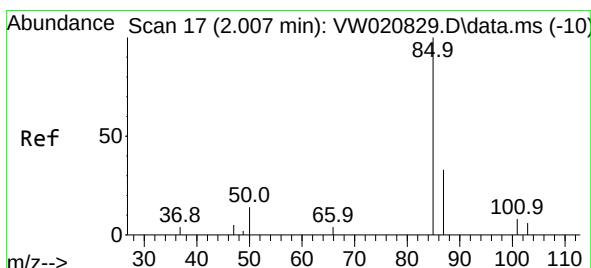
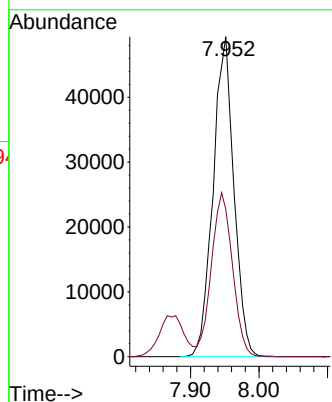
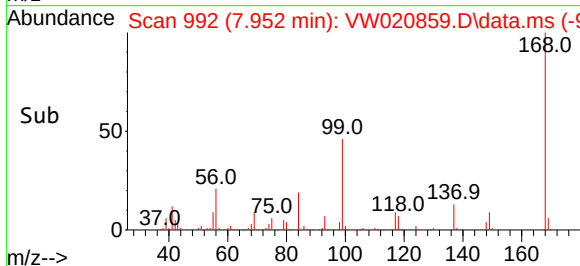


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.001 min
Lab File: VW020859.D
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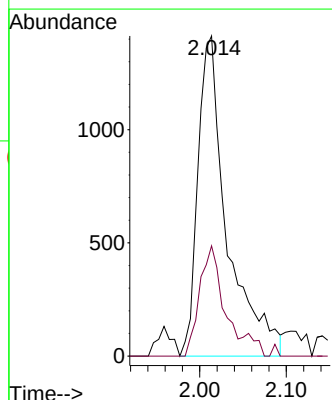
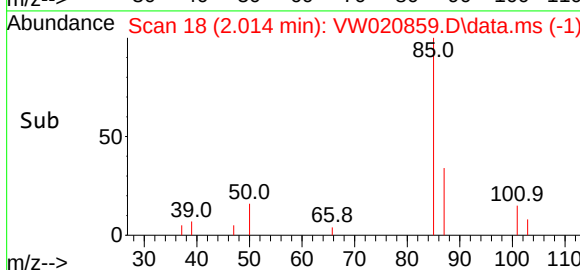
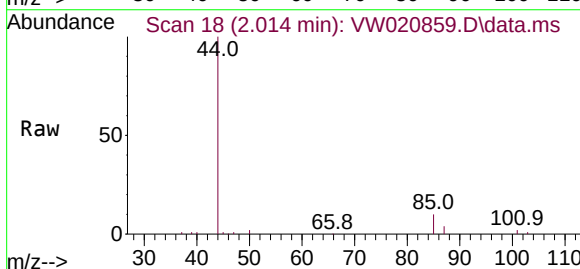


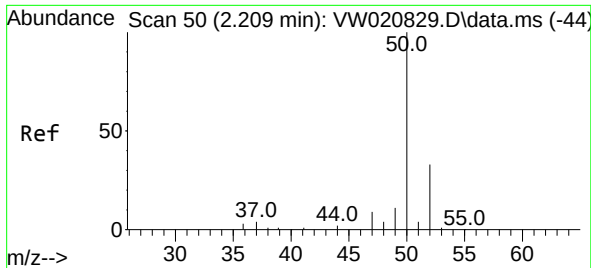
Tgt Ion:168 Resp: 104005
Ion Ratio Lower Upper
168 100
99 46.0 45.4 68.0



#2
Dichlorodifluoromethane
Concen: 16.929 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.007 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 85 Resp: 3302
Ion Ratio Lower Upper
85 100
87 34.4 16.7 50.0

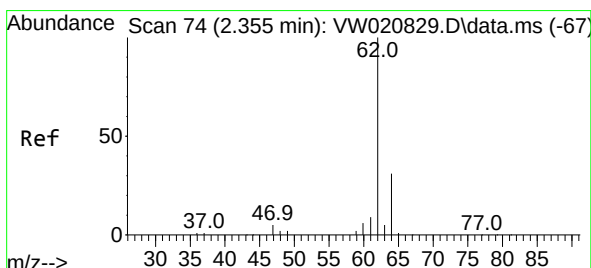
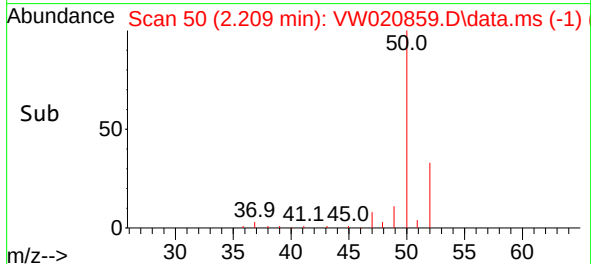
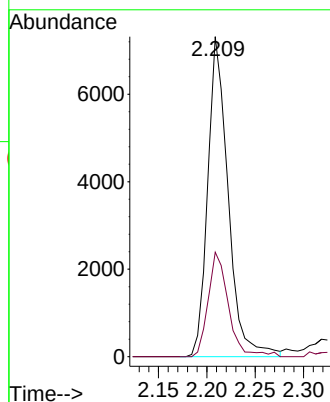
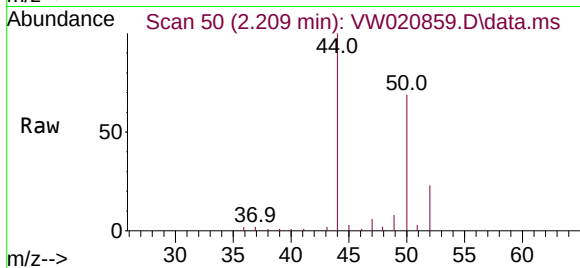




#3
Chloromethane
Concen: 19.118 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

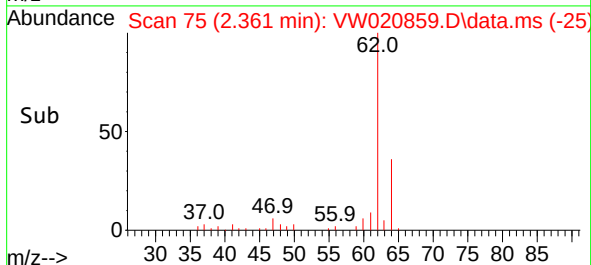
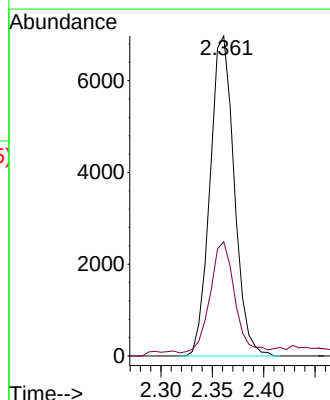
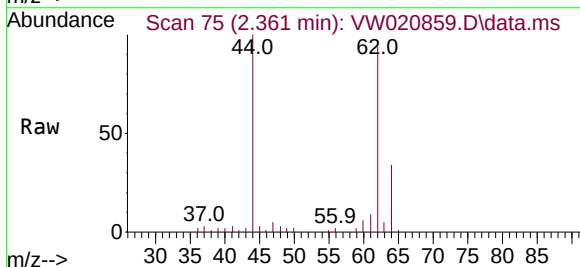
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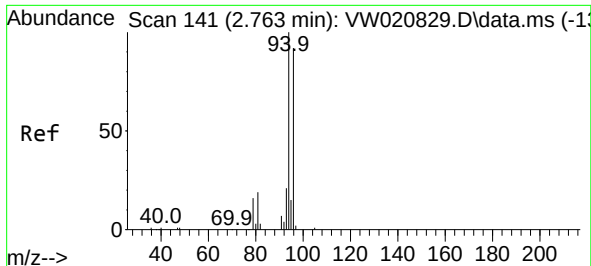
Tgt Ion: 50 Resp: 10752
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9



#4
Vinyl Chloride
Concen: 13.086 ug/l
RT: 2.361 min Scan# 75
Delta R.T. 0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 62 Resp: 11407
Ion Ratio Lower Upper
62 100
64 34.7 26.6 40.0

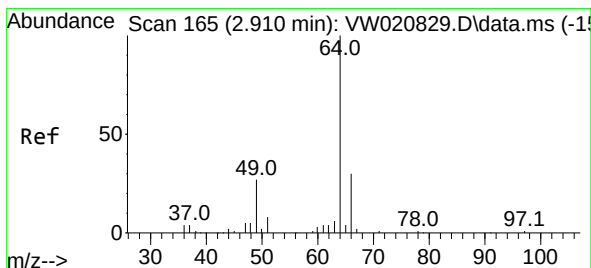
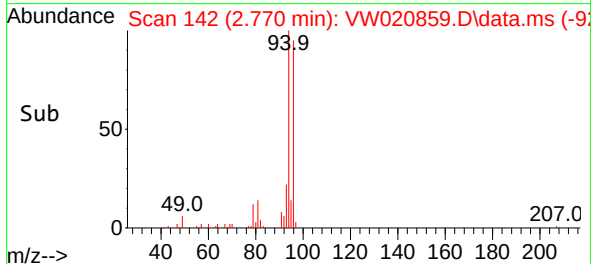
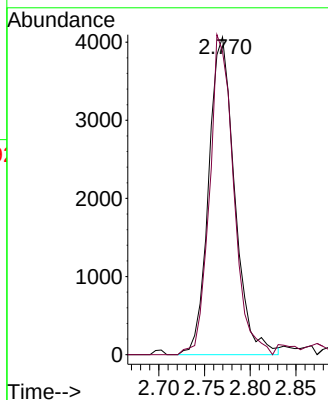
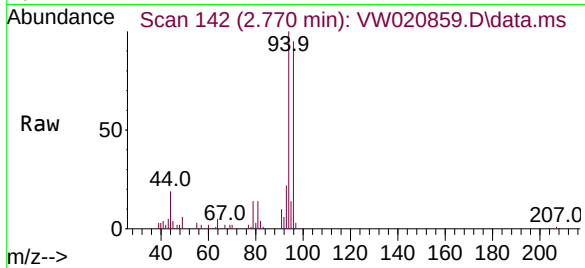




#5
Bromomethane
Concen: 13.382 ug/l
RT: 2.770 min Scan# 141
Delta R.T. 0.007 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

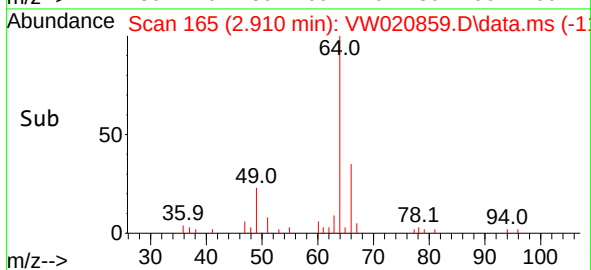
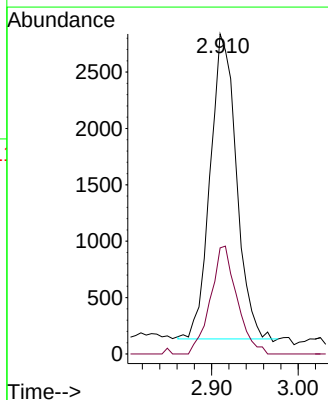
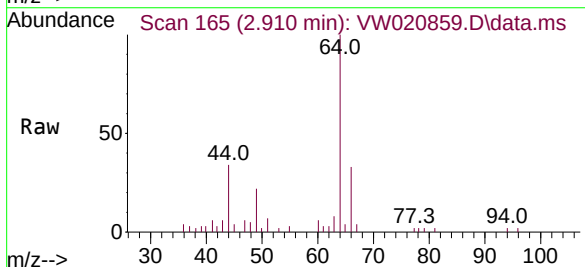
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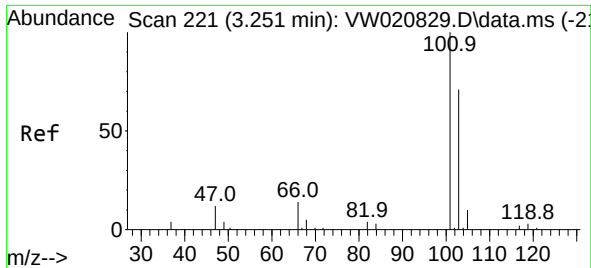
Tgt Ion: 94 Resp: 8048
Ion Ratio Lower Upper
94 100
96 95.4 76.7 115.1



#6
Chloroethane
Concen: 14.664 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 64 Resp: 5668
Ion Ratio Lower Upper
64 100
66 34.8 27.0 40.4

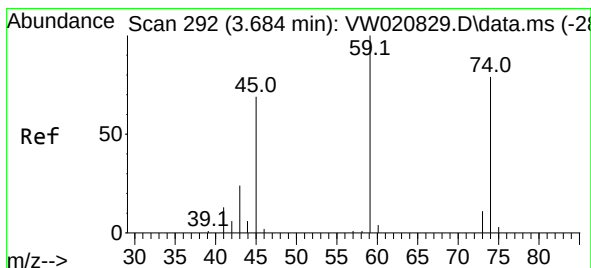
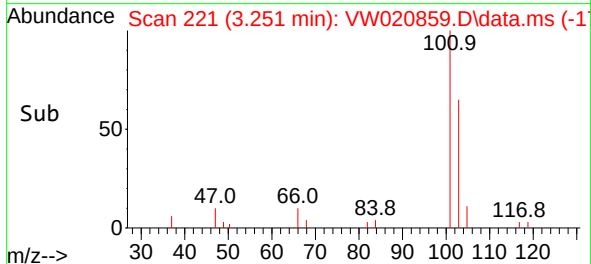
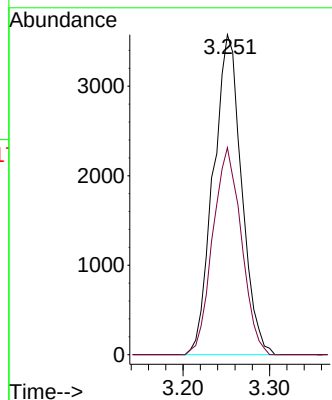
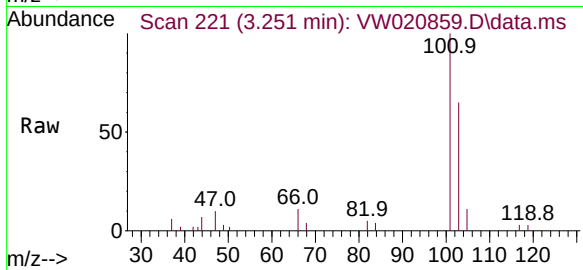




#7
Trichlorofluoromethane
Concen: 17.864 ug/l
RT: 3.251 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

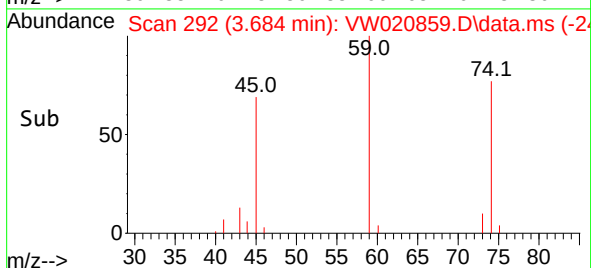
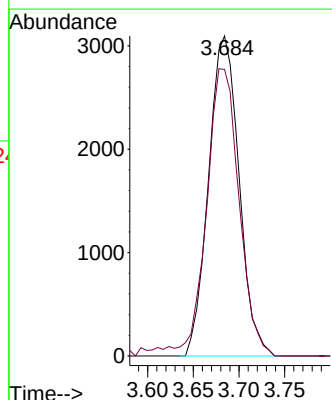
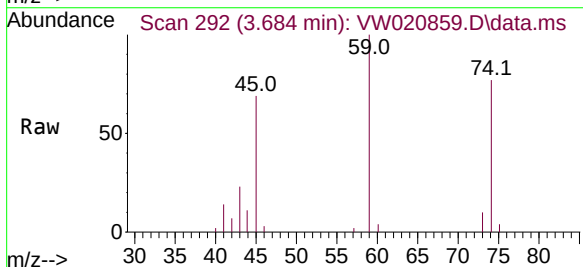
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MSVOA_W
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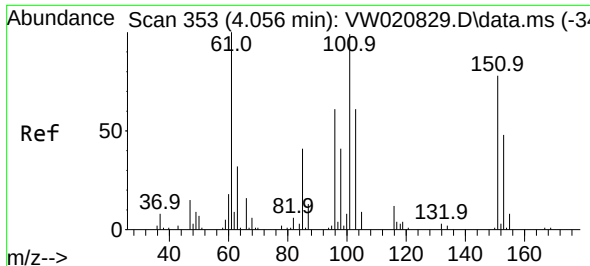
Tgt Ion:101 Resp: 8110
Ion Ratio Lower Upper
101 100
103 64.7 49.4 74.0



#8
Diethyl Ether
Concen: 20.257 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 74 Resp: 7176
Ion Ratio Lower Upper
74 100
45 97.3 50.0 150.1

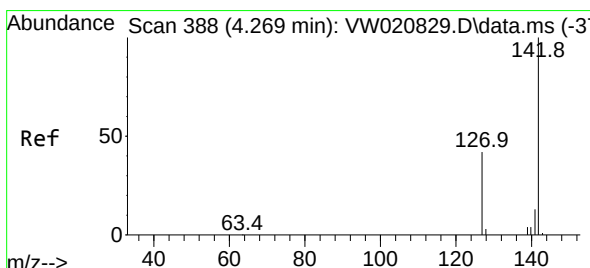
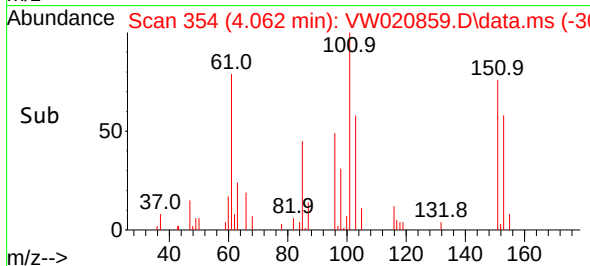
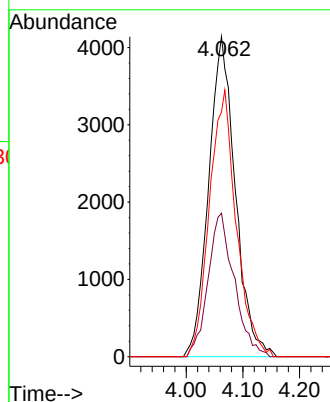
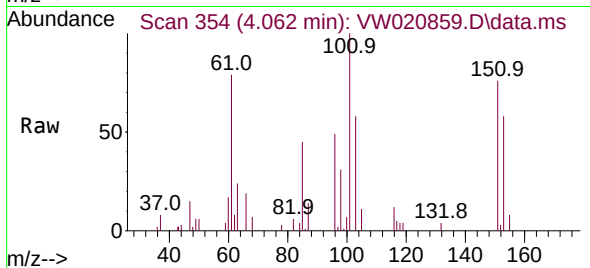




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.942 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
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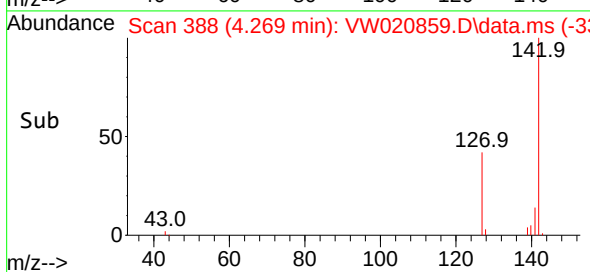
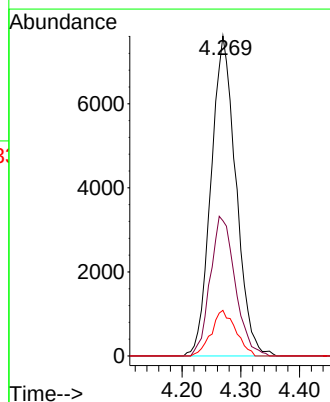
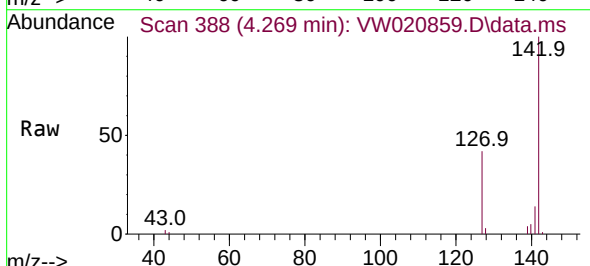
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MSVOA_W
ClientSampleId :

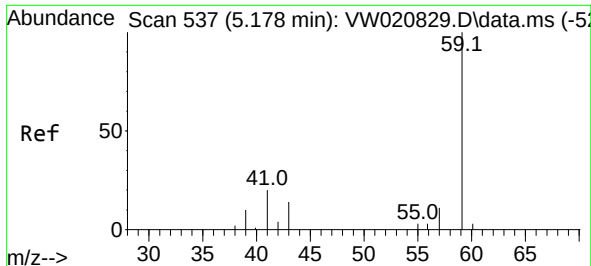
Tgt Ion:101 Resp: 13529
Ion Ratio Lower Upper
101 100
85 44.0 34.9 52.3
151 83.5 64.5 96.7



#10
Methyl Iodide
Concen: 20.416 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

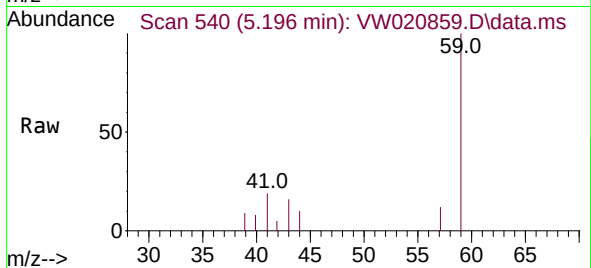
Tgt Ion:142 Resp: 22384
Ion Ratio Lower Upper
142 100
127 43.7 35.8 53.6
141 14.0 11.8 17.6



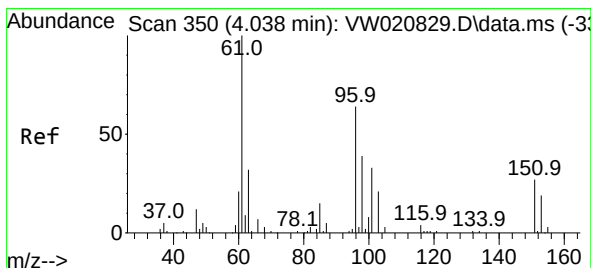
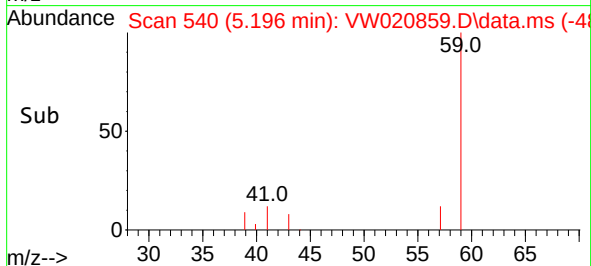
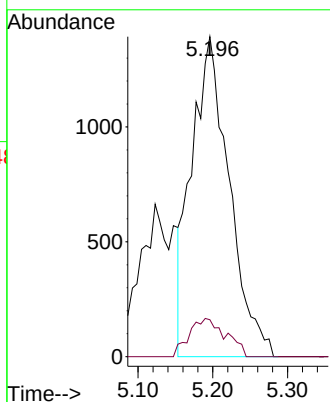


#11
Tert butyl alcohol
Concen: 82.325 ug/l
RT: 5.196 min Scan# 54
Delta R.T. 0.018 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Instrument :
MSVOA_W
ClientSampleId :

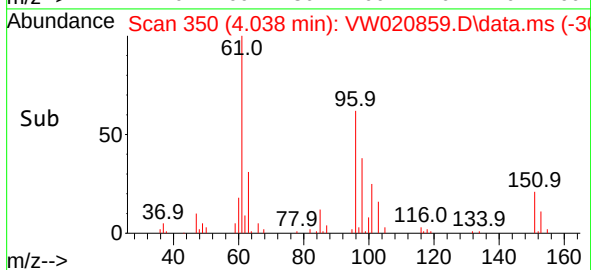
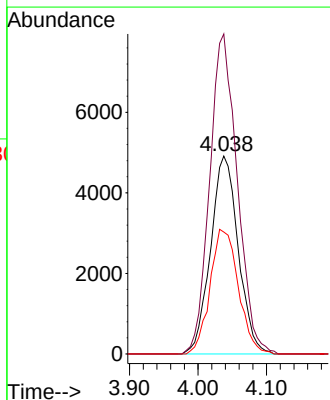
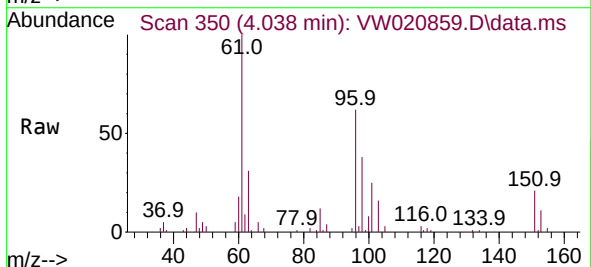


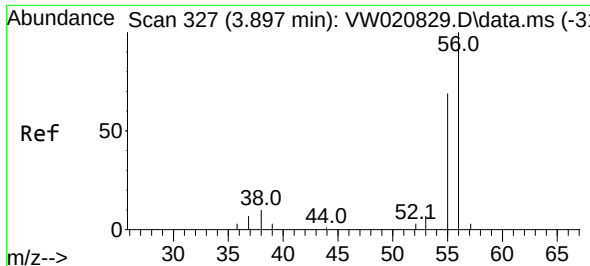
Tgt Ion: 59 Resp: 4869
Ion Ratio Lower Upper
59 100
57 11.6 4.2 6.2#



#12
1,1-Dichloroethene
Concen: 17.844 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 96 Resp: 13788
Ion Ratio Lower Upper
96 100
61 161.6 131.0 196.6
98 61.6 47.8 71.6

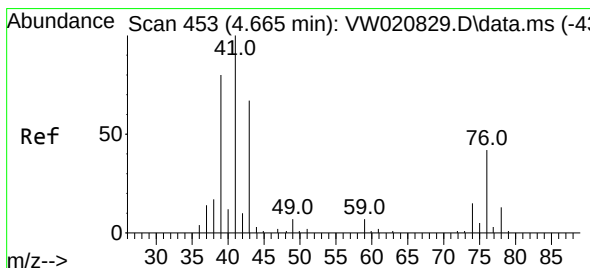
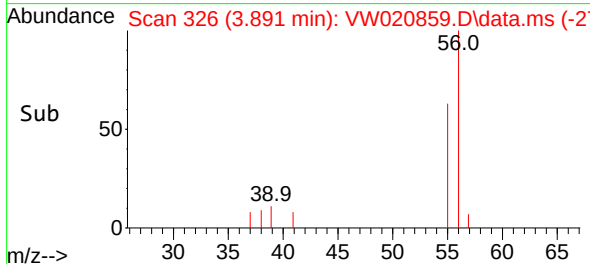
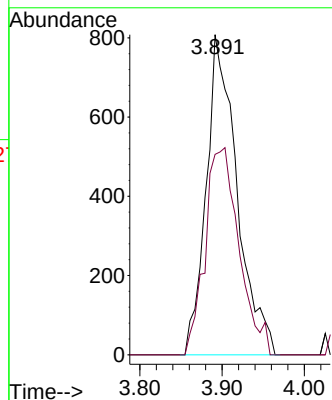
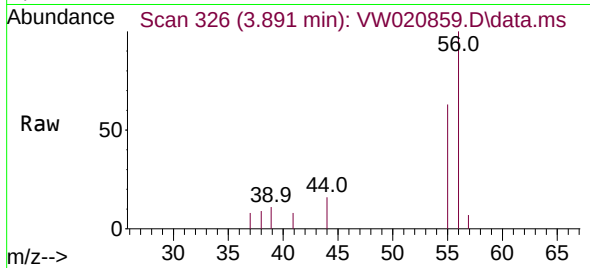




#13
Acrolein
Concen: 80.917 ug/l
RT: 3.891 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

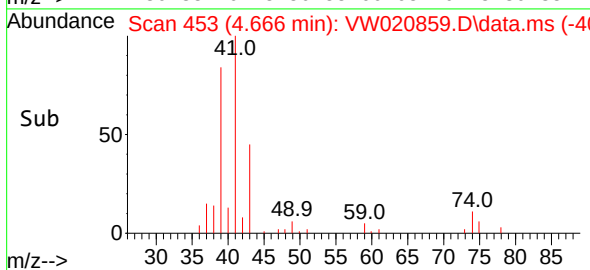
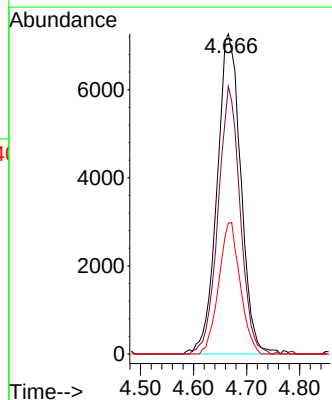
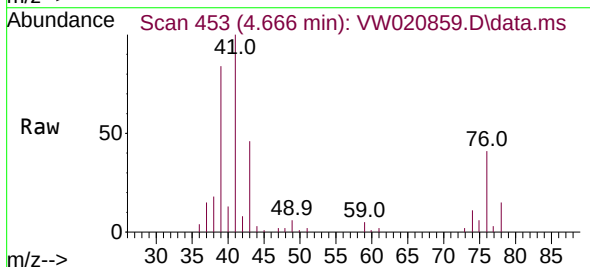
Instrument :
MSVOA_W
ClientSampleId :

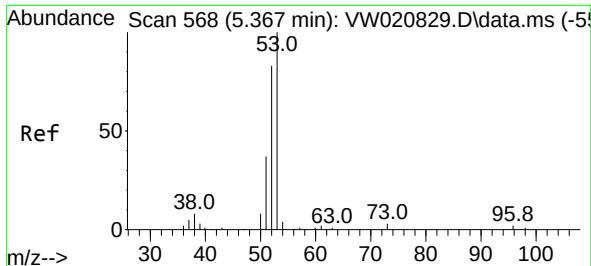
Tgt Ion: 56 Resp: 2104
Ion Ratio Lower Upper
56 100
55 71.1 55.5 83.3



#14
Allyl chloride
Concen: 19.782 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.001 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 41 Resp: 22638
Ion Ratio Lower Upper
41 100
39 77.6 57.1 85.7
76 37.0 27.1 40.7

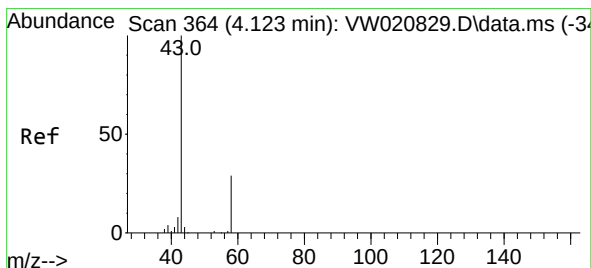
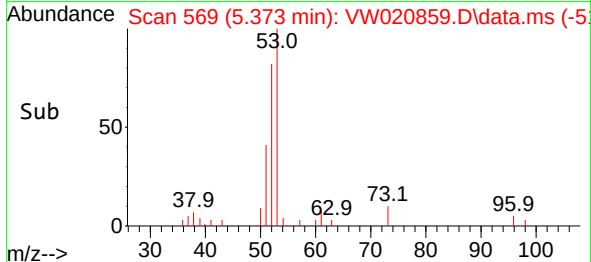
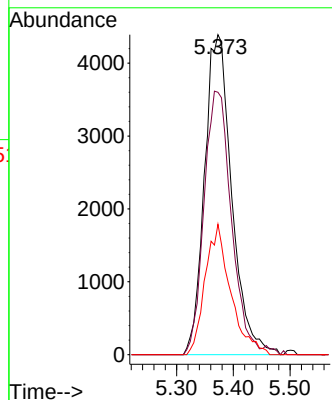
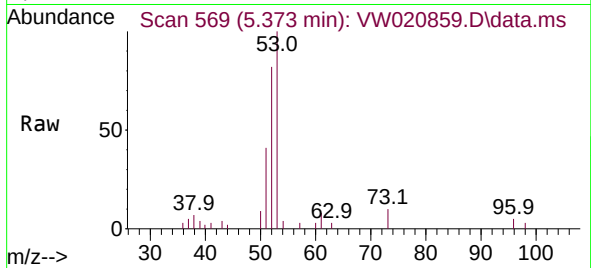




#15
Acrylonitrile
Concen: 72.483 ug/l
RT: 5.373 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

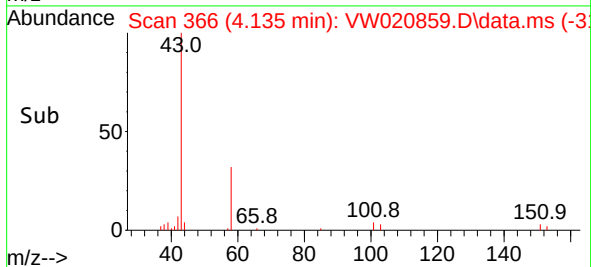
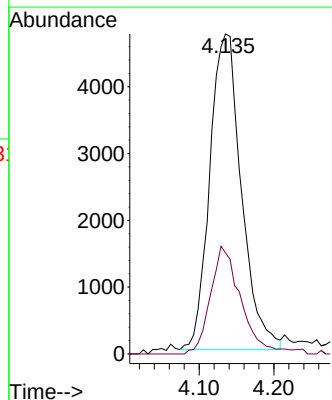
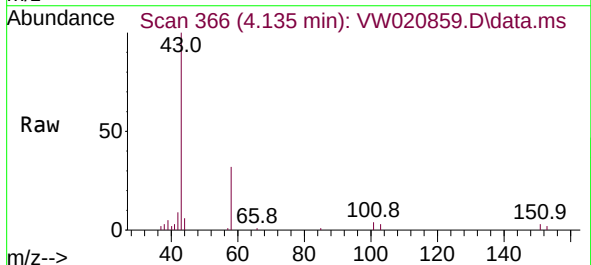
Instrument :
MSVOA_W
ClientSampleId :

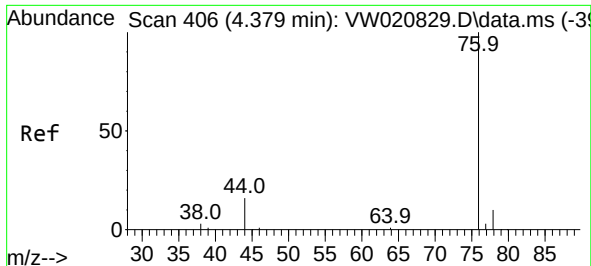
Tgt Ion: 53 Resp: 14647
Ion Ratio Lower Upper
53 100
52 82.4 66.8 100.2
51 38.0 30.1 45.1



#16
Acetone
Concen: 69.895 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 43 Resp: 13918
Ion Ratio Lower Upper
43 100
58 32.0 24.2 36.2

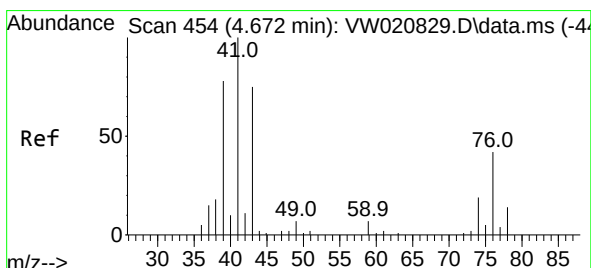
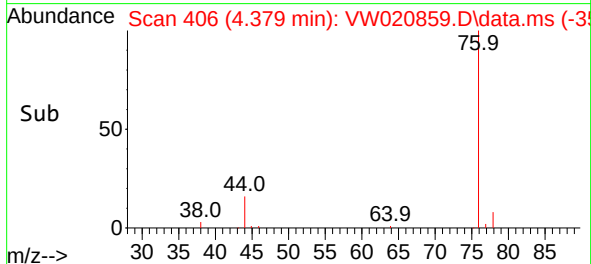
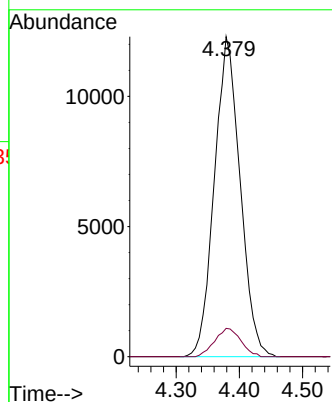
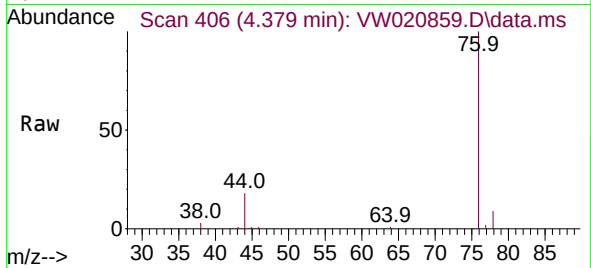




#17
Carbon Disulfide
Concen: 16.849 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

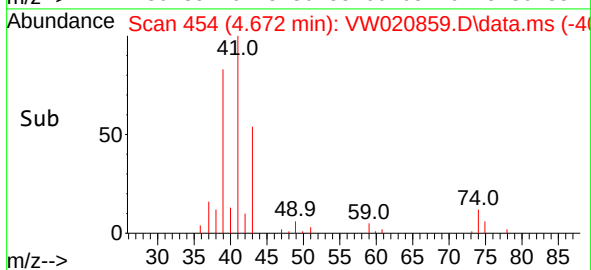
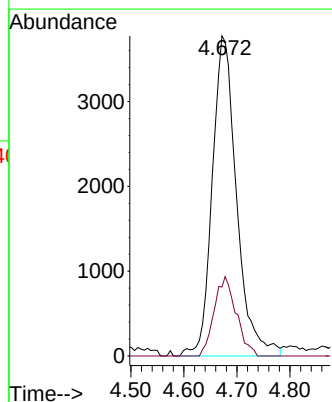
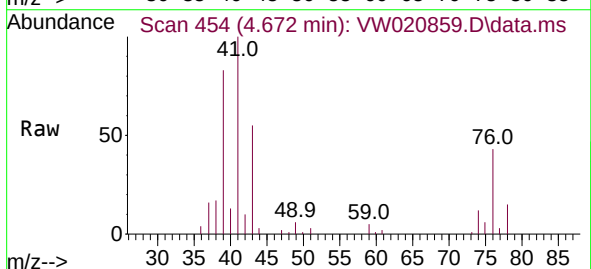
Instrument :
MSVOA_W
ClientSampleId :

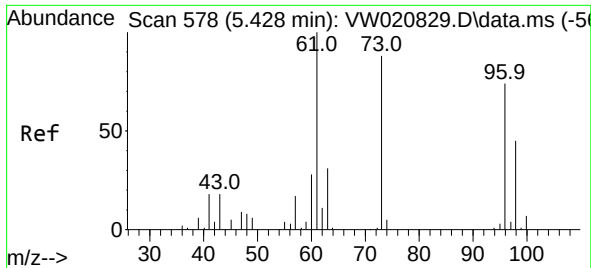
Tgt Ion: 76 Resp: 34698
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 16.103 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 43 Resp: 12050
Ion Ratio Lower Upper
43 100
74 22.4 18.7 28.1

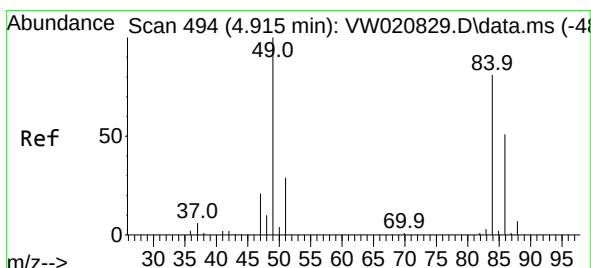
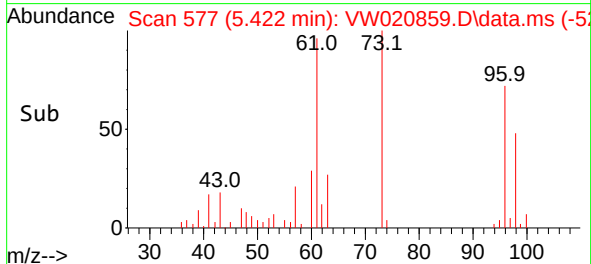
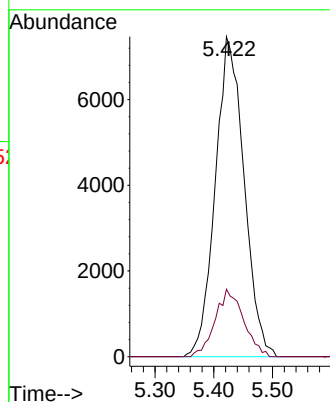
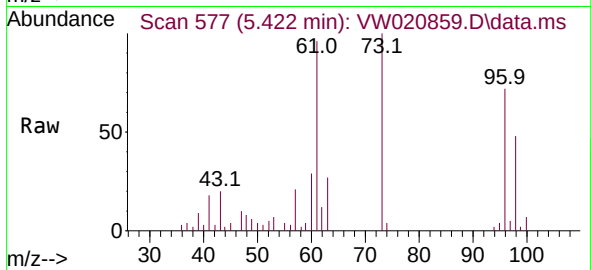




#19
Methyl tert-butyl Ether
Concen: 23.025 ug/l
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

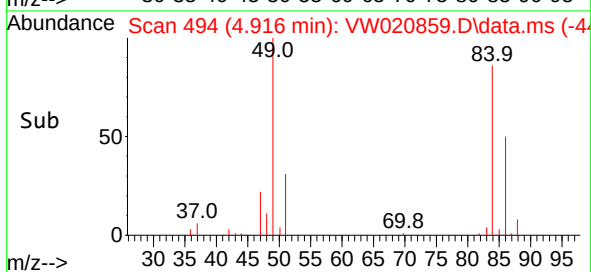
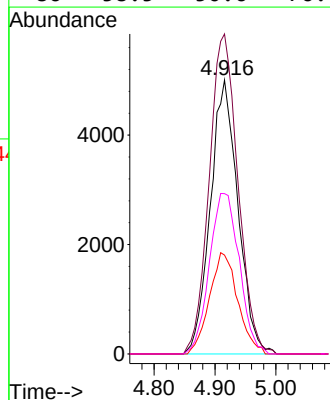
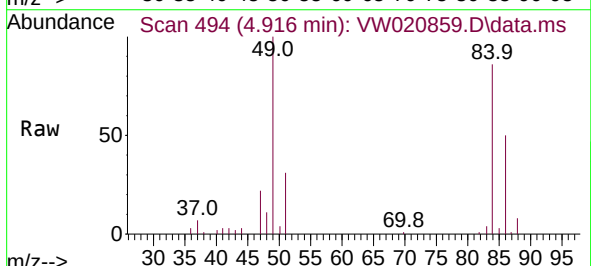
Instrument :
MSVOA_W
ClientSampleId :

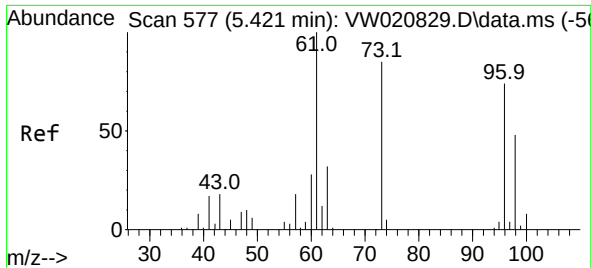
Tgt Ion: 73 Resp: 25363
Ion Ratio Lower Upper
73 100
57 21.1 18.2 27.4



#20
Methylene Chloride
Concen: 18.128 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.001 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 84 Resp: 15781
Ion Ratio Lower Upper
84 100
49 116.8 100.0 150.0
51 36.1 30.8 46.2
86 58.5 50.6 76.0

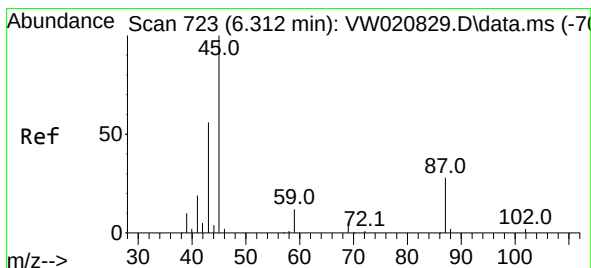
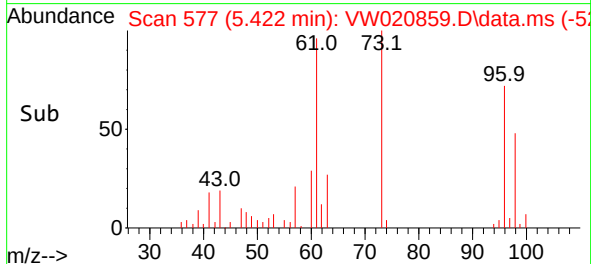
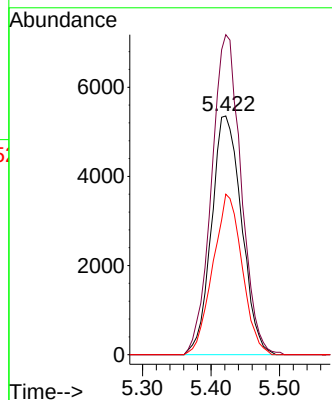
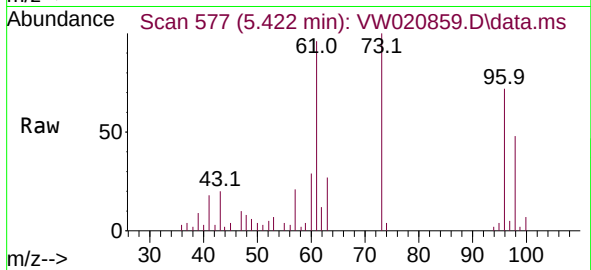




#21
trans-1,2-Dichloroethene
Concen: 19.467 ug/l
RT: 5.422 min Scan# 577
Delta R.T. 0.001 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

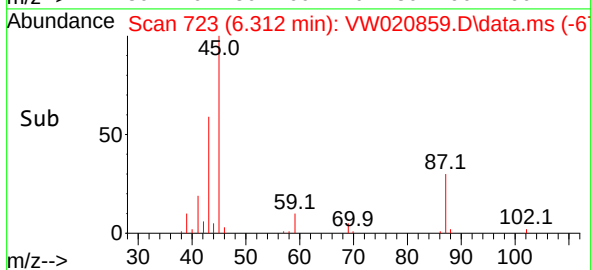
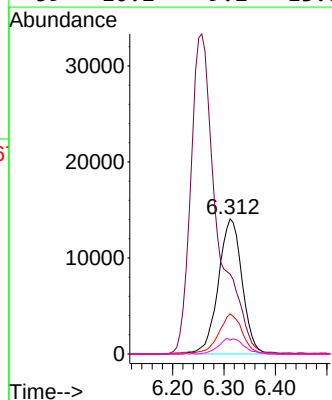
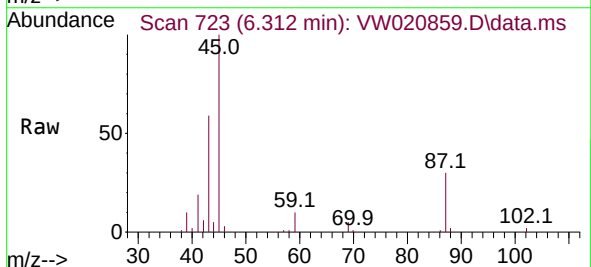
Instrument :
MSVOA_W
ClientSampleId :

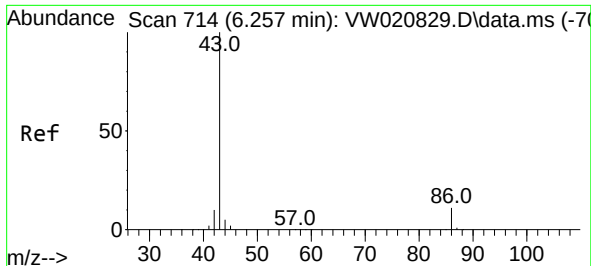
Tgt Ion: 96 Resp: 16326
Ion Ratio Lower Upper
96 100
61 134.1 113.5 170.3
98 67.3 48.6 72.8



#22
Diisopropyl ether
Concen: 20.992 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 45 Resp: 45111
Ion Ratio Lower Upper
45 100
43 58.5 45.1 67.7
87 29.7 21.2 31.8
59 10.2 9.2 13.8

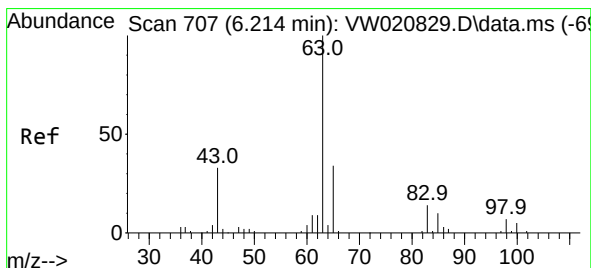
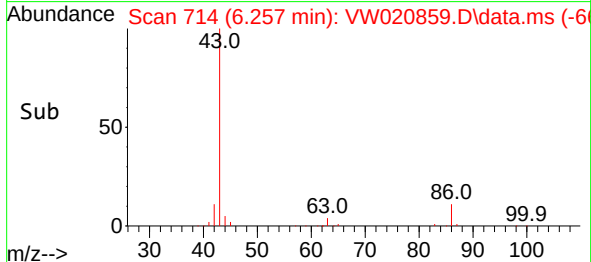
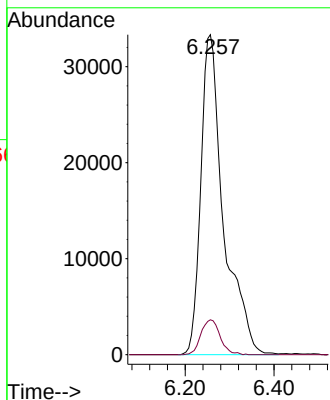
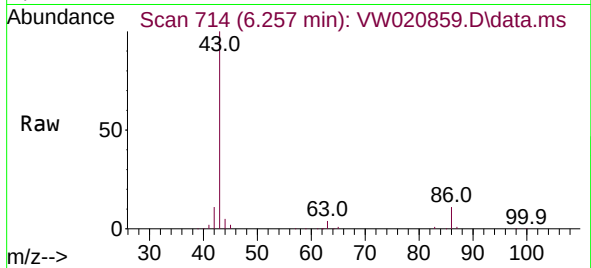




#23
 Vinyl Acetate
 Concen: 89.150 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW020859.D
 Acq: 12 Nov 2021 17:33

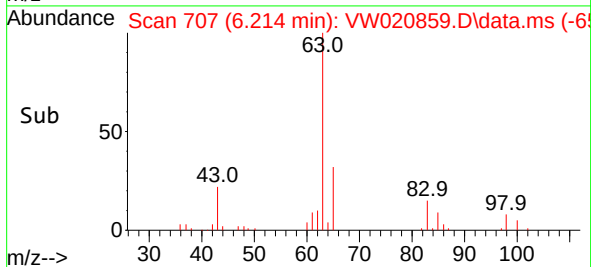
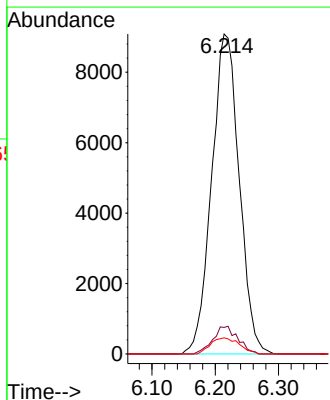
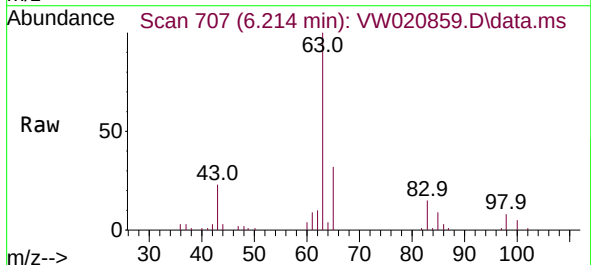
Instrument :
 MSVOA_W
 ClientSampleId :

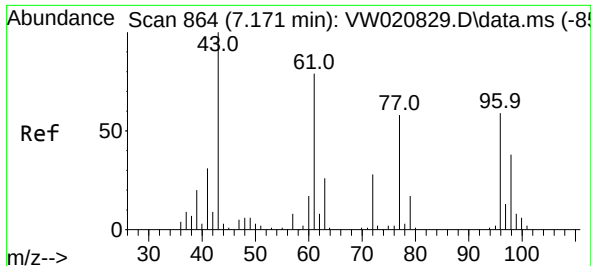
Tgt Ion: 43 Resp: 118774
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 19.389 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020859.D
 Acq: 12 Nov 2021 17:33

Tgt Ion: 63 Resp: 27444
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.2 9.6
 100 5.0 2.3 6.8

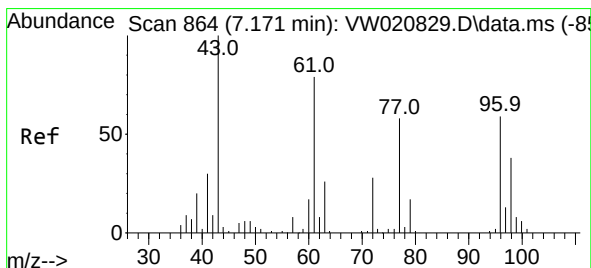
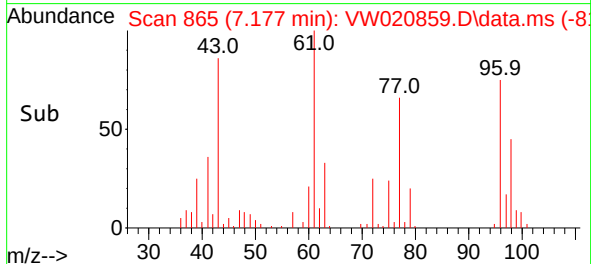
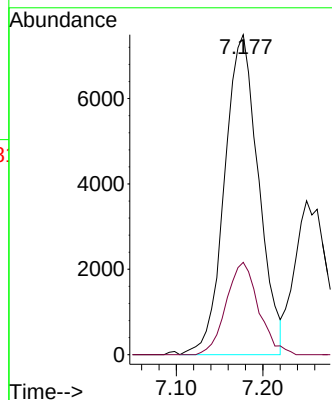
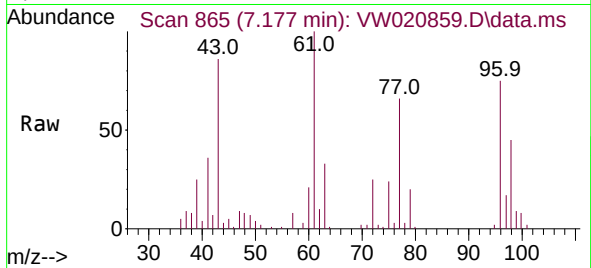




#25
2-Butanone
Concen: 71.084 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

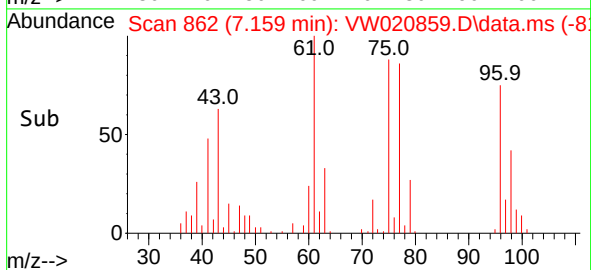
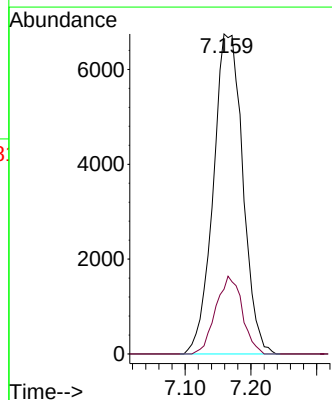
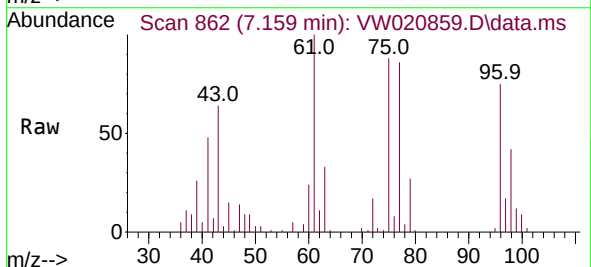
Instrument :
MSVOA_W
ClientSampleId :

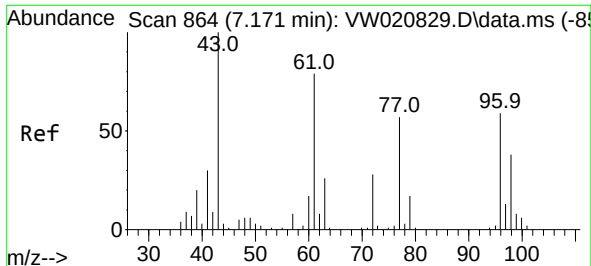
Tgt Ion: 43 Resp: 20426
Ion Ratio Lower Upper
43 100
72 28.8 21.4 32.0



#26
2,2-Dichloropropane
Concen: 21.937 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.012 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 77 Resp: 21072
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.601 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

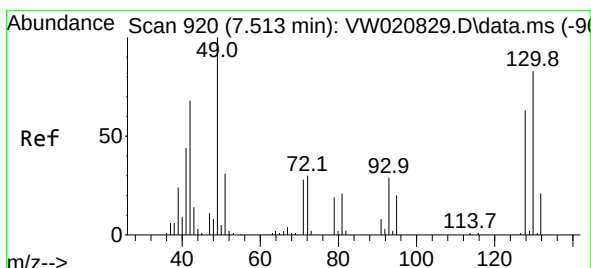
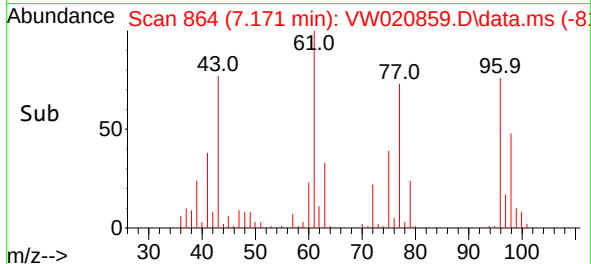
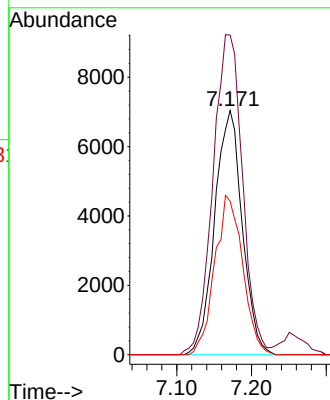
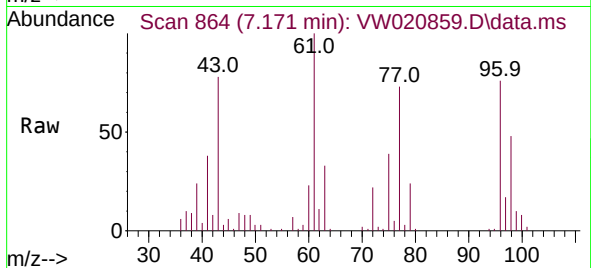
Tgt Ion: 96 Resp: 18067

Ion Ratio Lower Upper

96 100

61 140.5 0.0 298.0

98 65.9 0.0 129.4



#28

Bromochloromethane

Concen: 21.231 ug/l

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

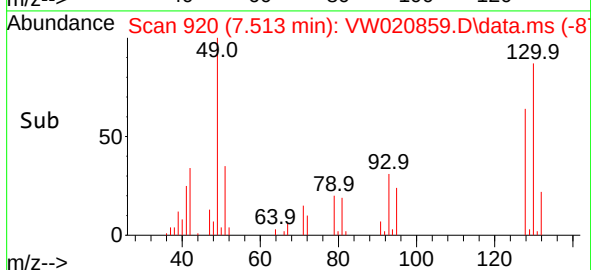
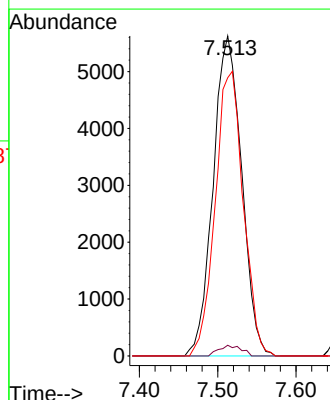
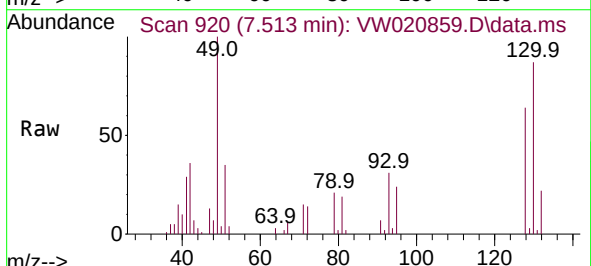
Tgt Ion: 49 Resp: 14246

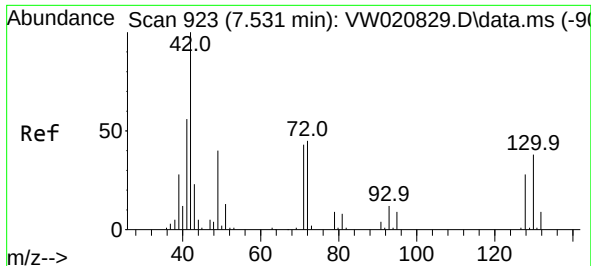
Ion Ratio Lower Upper

49 100

129 2.6 0.0 0.0#

130 87.4 63.0 94.6





#29

Tetrahydrofuran

Concen: 71.402 ug/l

RT: 7.531 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

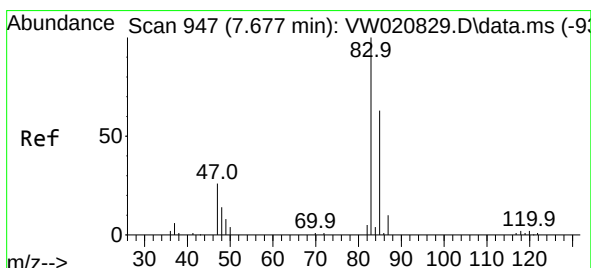
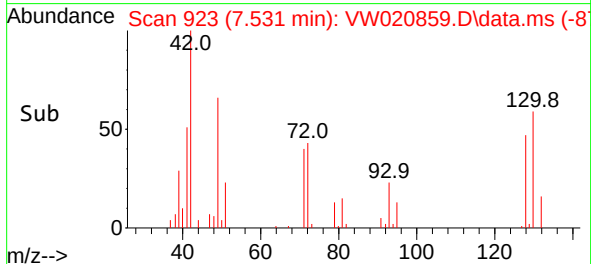
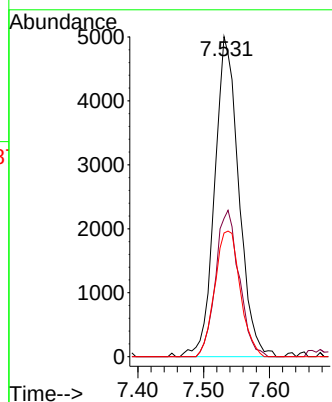
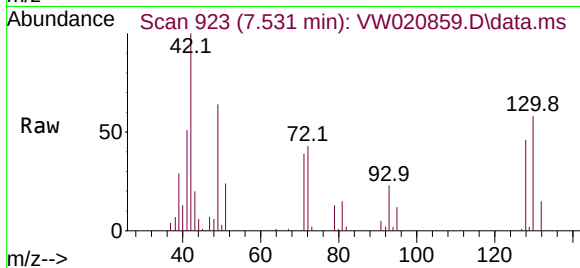
Tgt Ion: 42 Resp: 12790

Ion Ratio Lower Upper

42 100

72 44.7 35.0 52.6

71 41.2 32.2 48.4



#30

Chloroform

Concen: 19.889 ug/l

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW020859.D

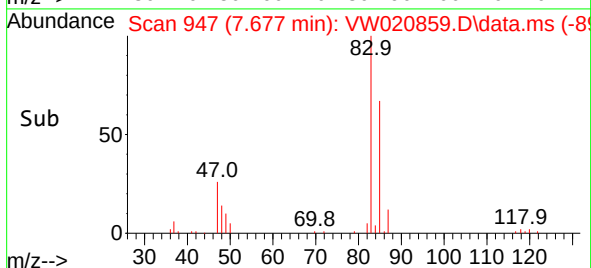
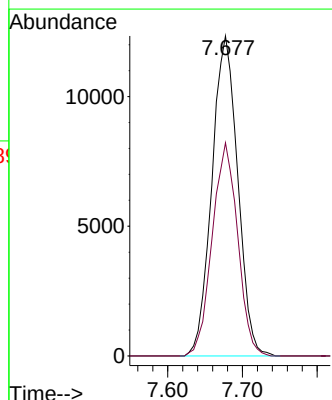
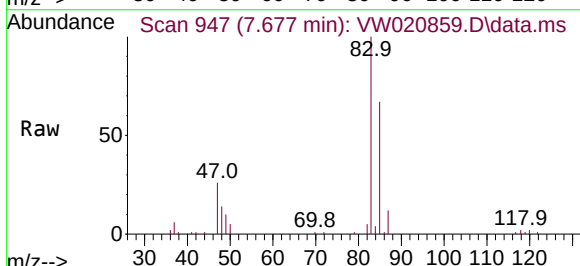
Acq: 12 Nov 2021 17:33

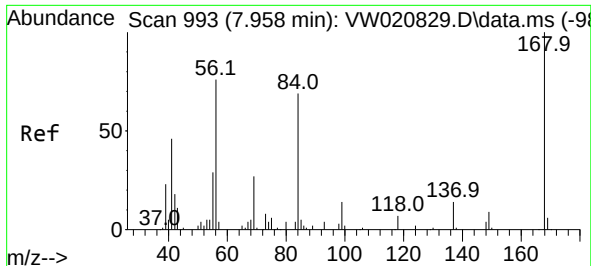
Tgt Ion: 83 Resp: 29663

Ion Ratio Lower Upper

83 100

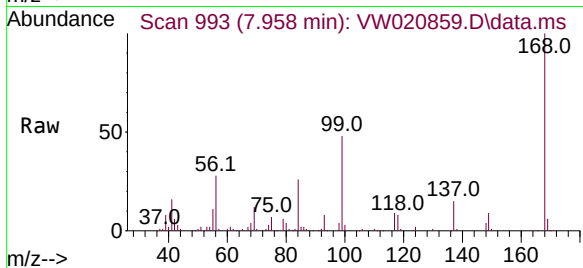
85 66.6 52.9 79.3



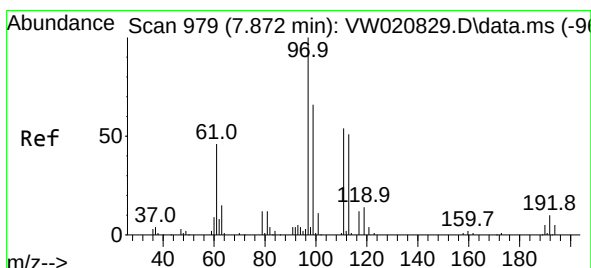
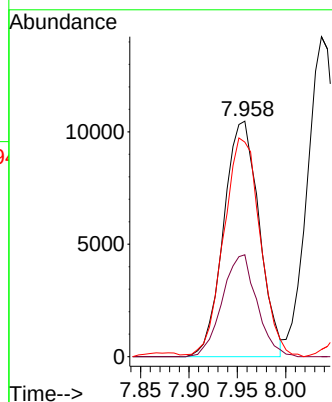
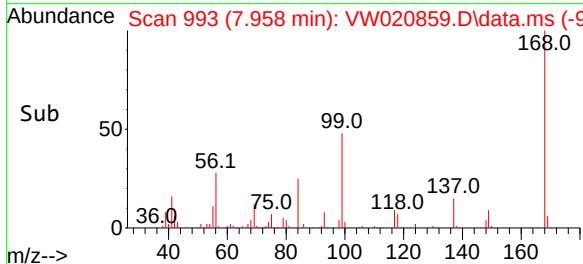


#31
Cyclohexane
Concen: 17.360 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Instrument :
MSVOA_W
ClientSampleId :

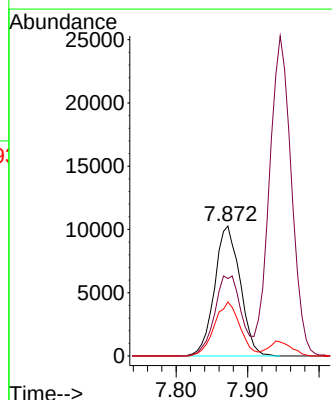
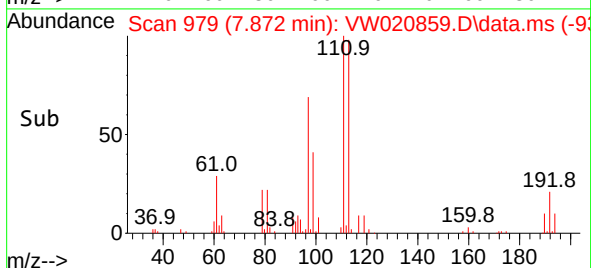
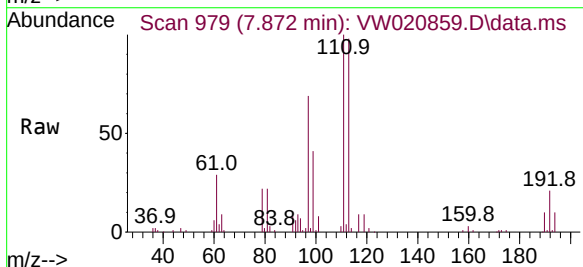


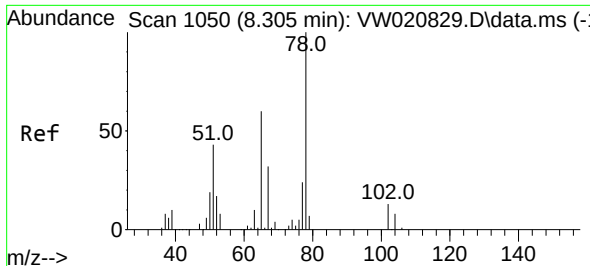
Tgt Ion: 56 Resp: 26781
Ion Ratio Lower Upper
56 100
69 43.3 27.2 40.8#
84 90.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.204 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 97 Resp: 25448
Ion Ratio Lower Upper
97 100
99 65.5 50.6 75.8
61 41.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 52.559 ug/l

RT: 8.305 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

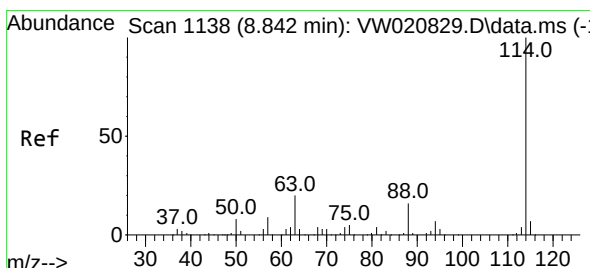
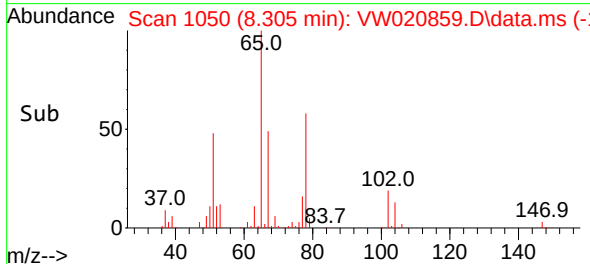
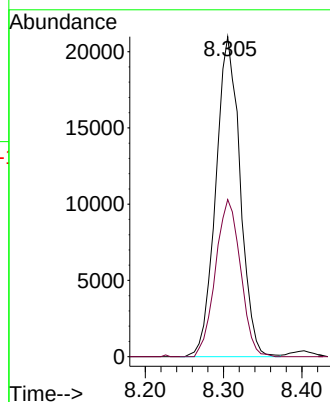
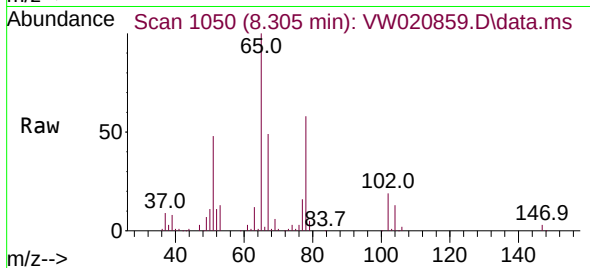
ClientSampleId :

Tgt Ion: 65 Resp: 45205

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

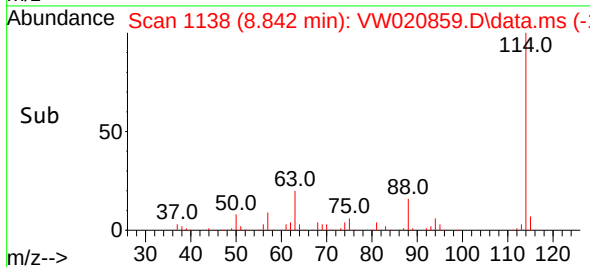
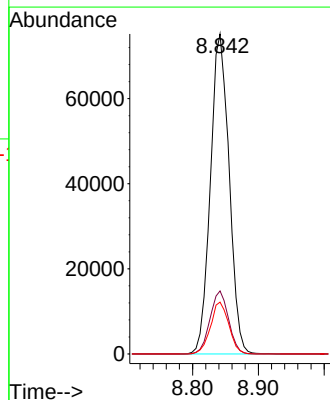
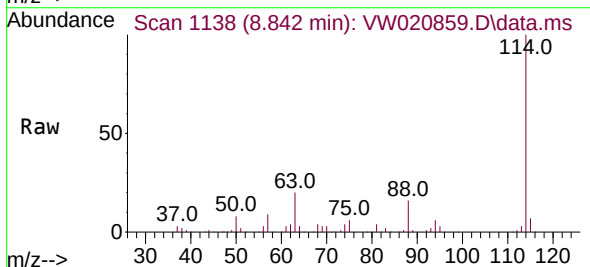
Tgt Ion: 114 Resp: 148744

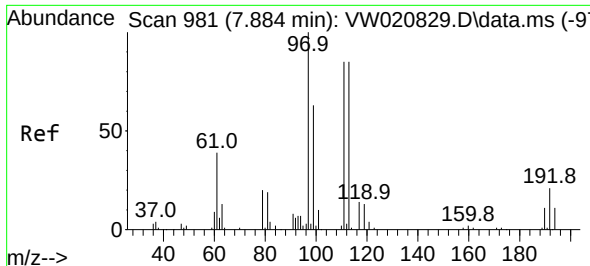
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

88 16.2 0.0 33.0

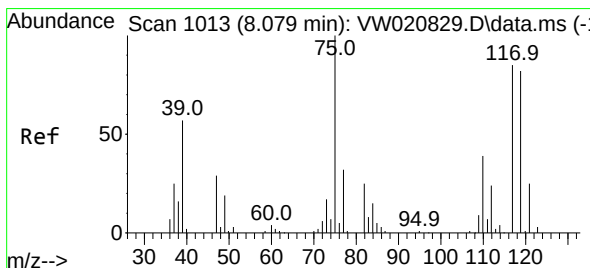
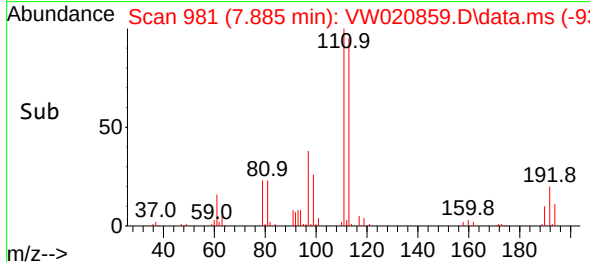
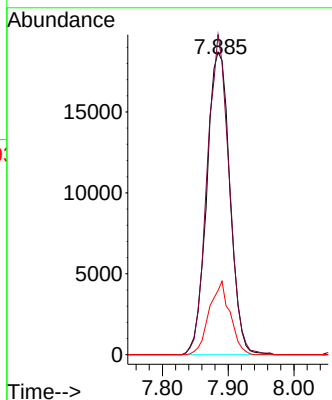
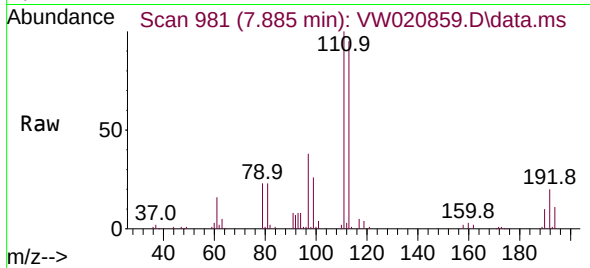




#35
 Dibromofluoromethane
 Concen: 54.963 ug/l
 RT: 7.885 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VW020859.D
 Acq: 12 Nov 2021 17:33

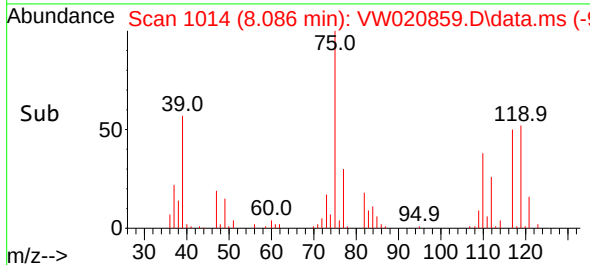
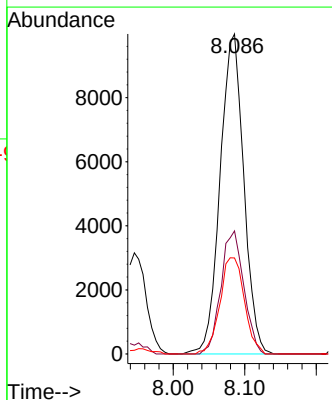
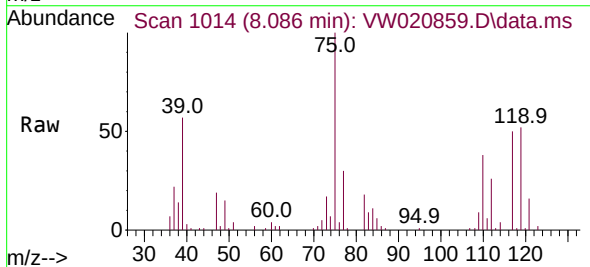
Instrument :
 MSVOA_W
 ClientSampleId :

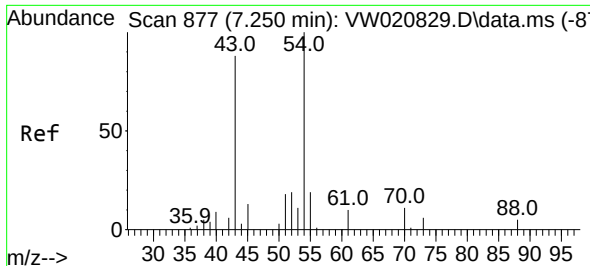
Tgt Ion:113 Resp: 45705
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.1 123.1
 192 21.9 17.8 26.8



#36
 1,1-Dichloropropene
 Concen: 18.656 ug/l
 RT: 8.086 min Scan# 1014
 Delta R.T. 0.006 min
 Lab File: VW020859.D
 Acq: 12 Nov 2021 17:33

Tgt Ion: 75 Resp: 22937
 Ion Ratio Lower Upper
 75 100
 110 37.3 17.1 51.3
 77 31.2 24.9 37.3

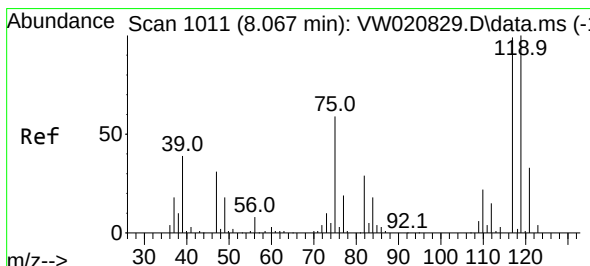
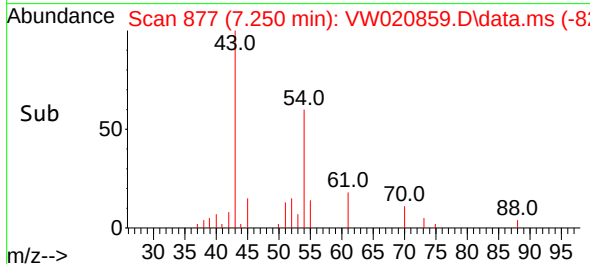
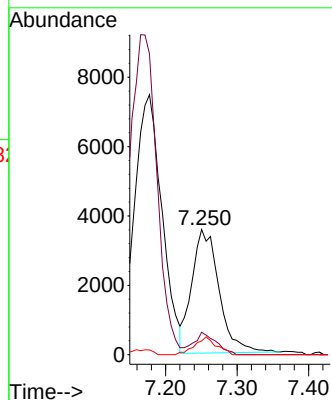
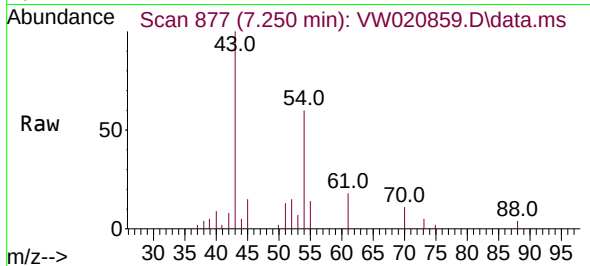




#37
Ethyl Acetate
Concen: 15.946 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

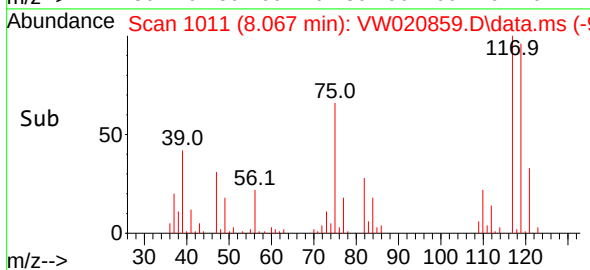
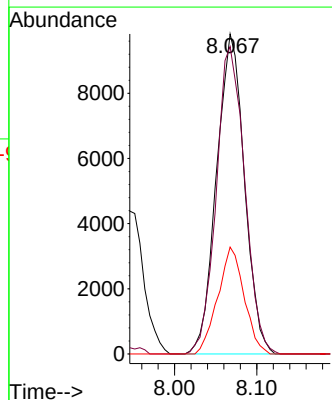
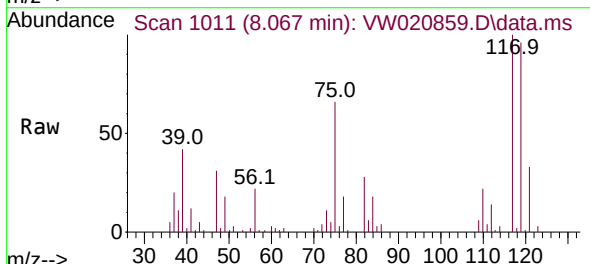
Instrument :
MSVOA_W
ClientSampleId :

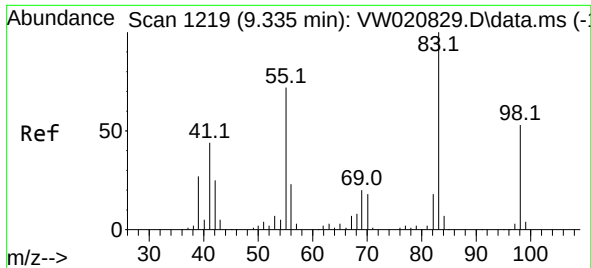
Tgt Ion: 43 Resp: 9465
Ion Ratio Lower Upper
43 100
61 14.5 10.3 15.5
70 11.4 8.8 13.2



#38
Carbon Tetrachloride
Concen: 17.986 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 117 Resp: 23162
Ion Ratio Lower Upper
117 100
119 96.1 72.9 109.3
121 33.4 23.4 35.0





#39

Methylcyclohexane

Concen: 18.273 ug/l

RT: 9.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

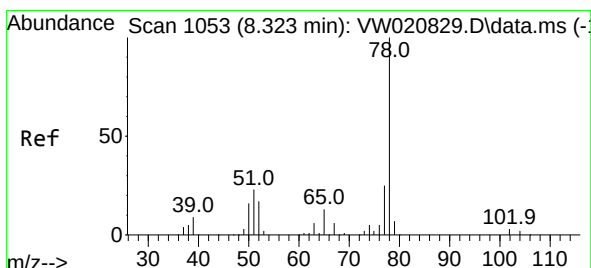
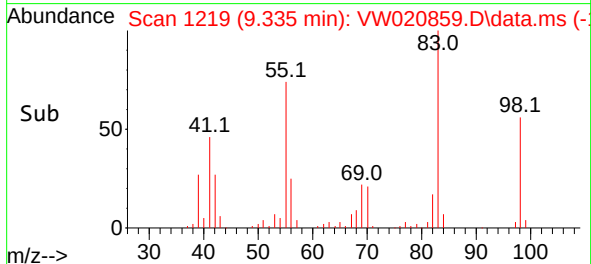
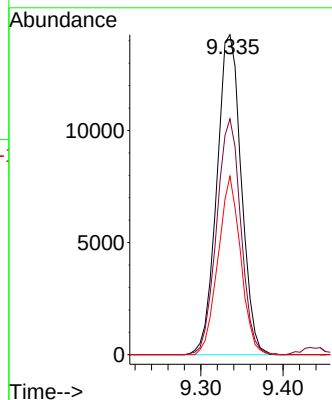
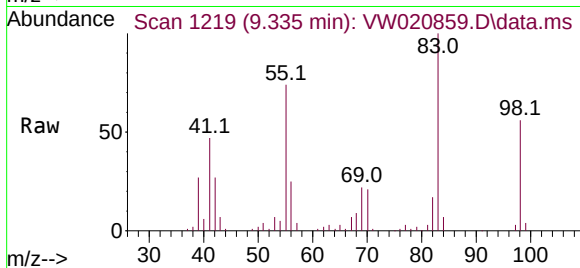
Tgt Ion: 83 Resp: 29468

Ion Ratio Lower Upper

83 100

55 73.7 62.6 94.0

98 55.7 38.8 58.2



#40

Benzene

Concen: 19.337 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW020859.D

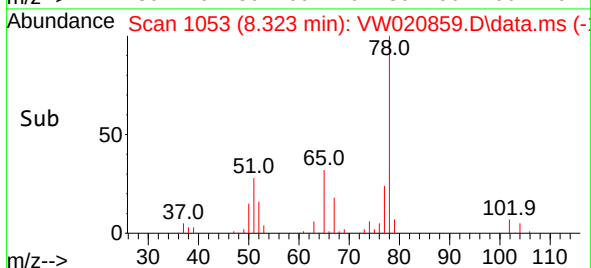
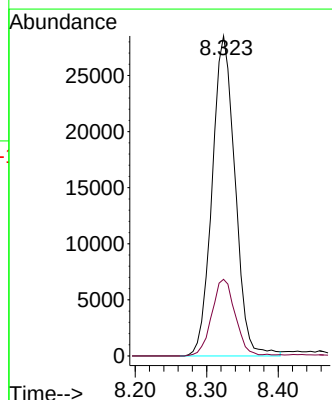
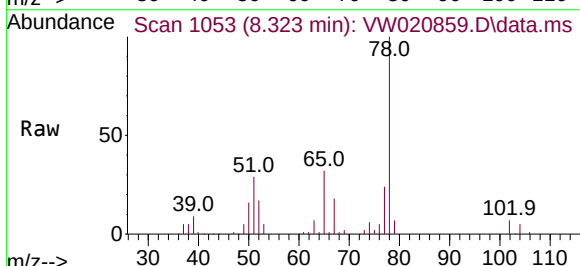
Acq: 12 Nov 2021 17:33

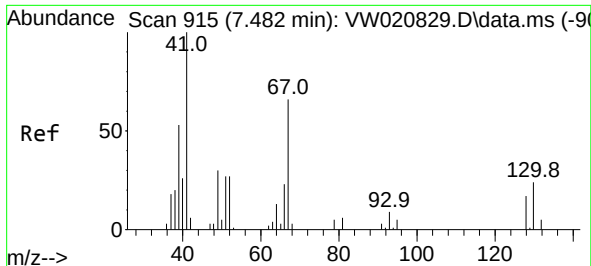
Tgt Ion: 78 Resp: 63634

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

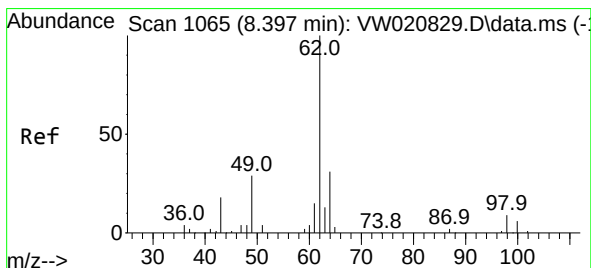
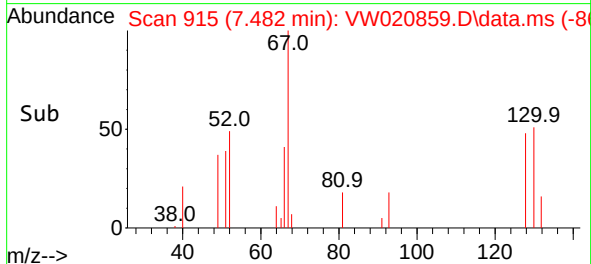
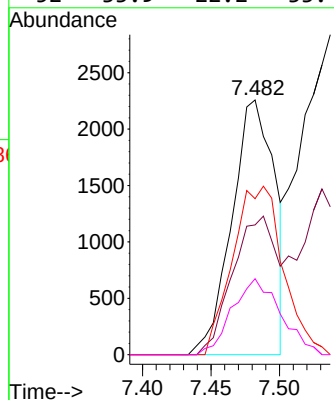
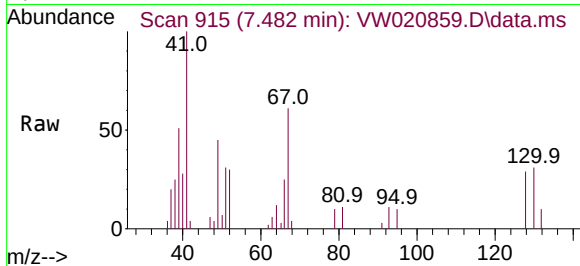




#41
Methacrylonitrile
Concen: 14.314 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

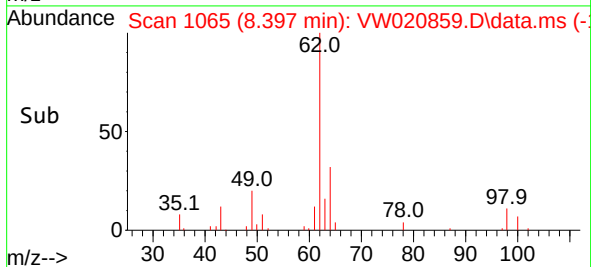
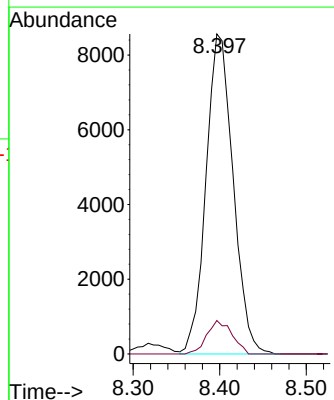
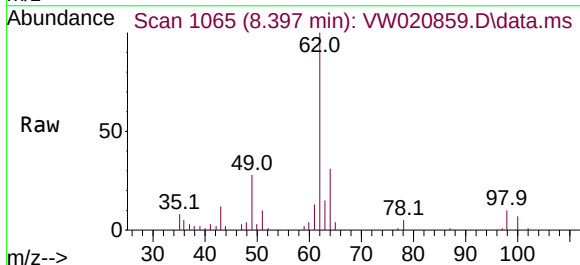
Instrument :
MSVOA_W
ClientSampleId :

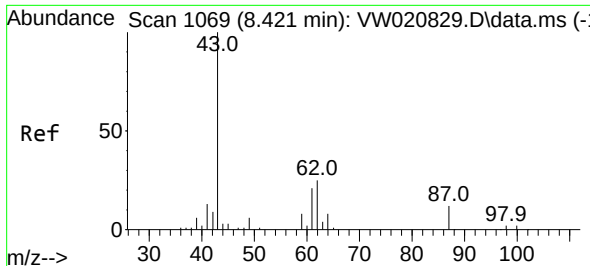
Tgt Ion:	41	Resp:	4903
Ion	Ratio	Lower	Upper
41	100		
39	56.0	44.3	66.5
67	78.1	50.9	76.3#
52	33.9	22.2	33.4#



#42
1,2-Dichloroethane
Concen: 19.227 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion:	62	Resp:	18621
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.8

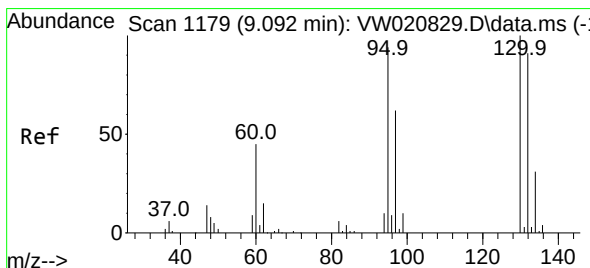
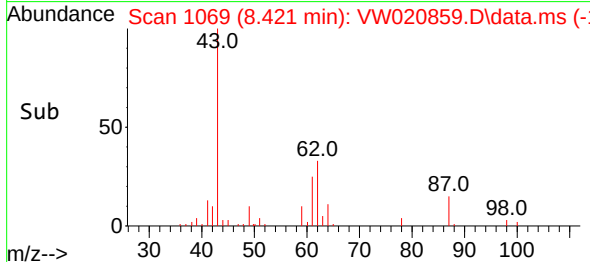
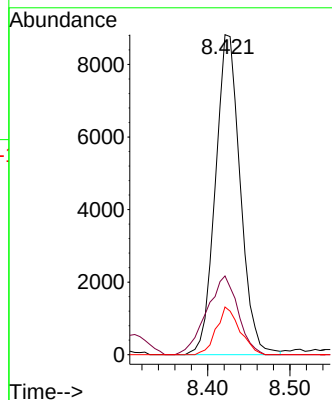
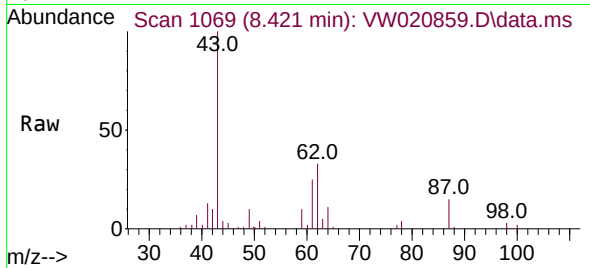




#43
Isopropyl Acetate
Concen: 16.434 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

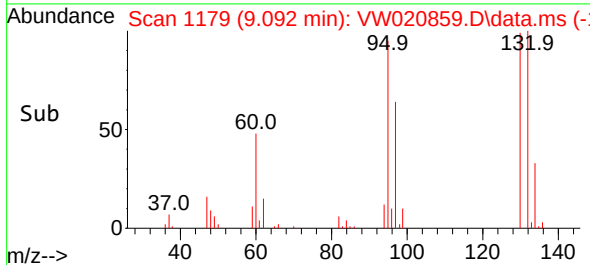
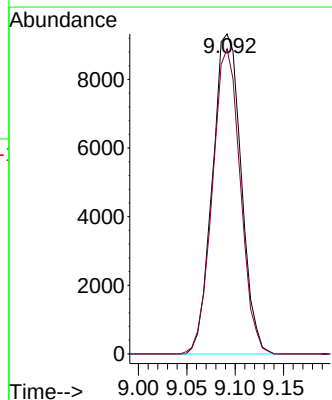
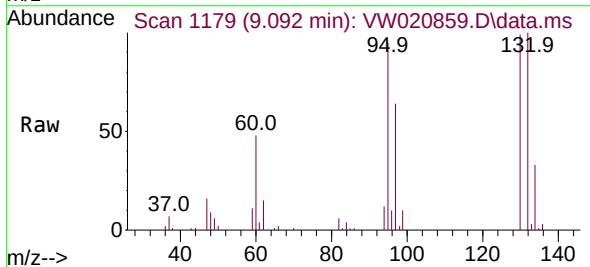
Instrument :
MSVOA_W
ClientSampleId :

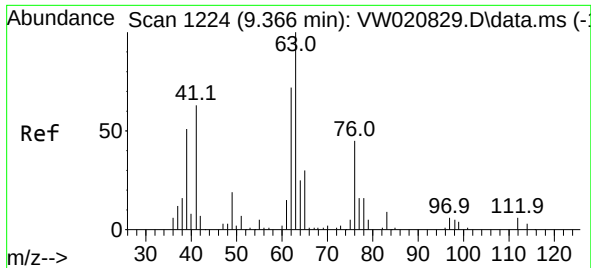
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.9	23.3	34.9
87	14.0	10.4	15.6



#44
Trichloroethene
Concen: 19.627 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	189.2

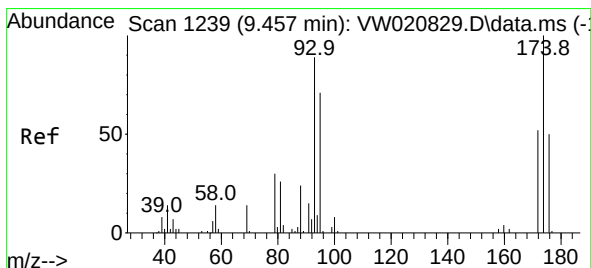
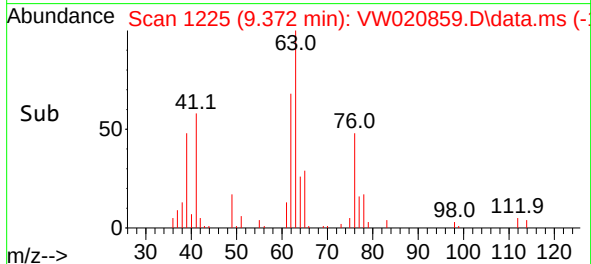
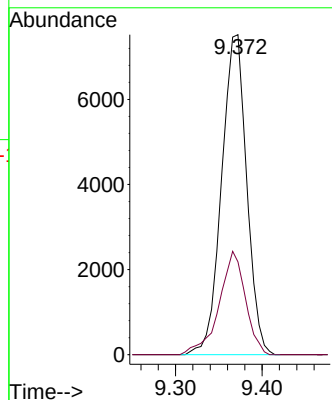
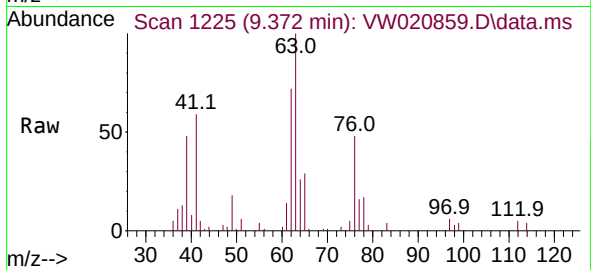




#45
1,2-Dichloropropane
Concen: 20.279 ug/l
RT: 9.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

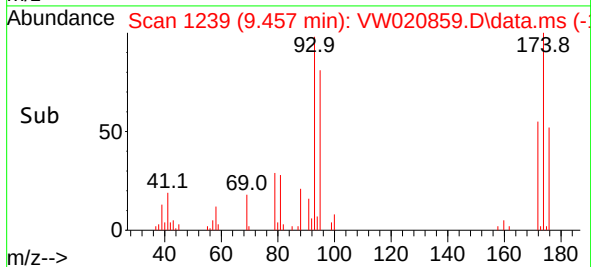
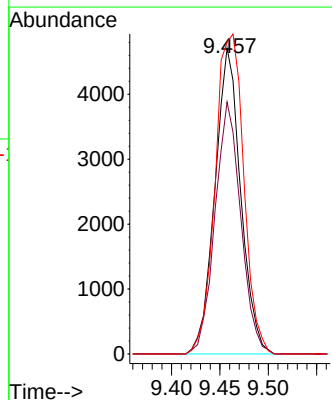
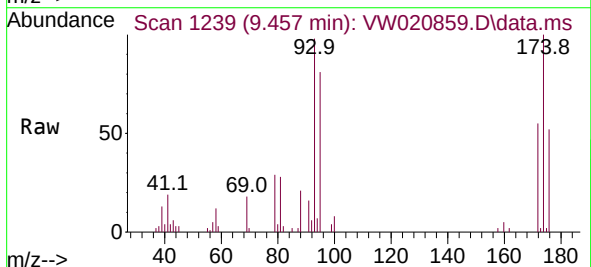
Instrument :
MSVOA_W
ClientSampleId :

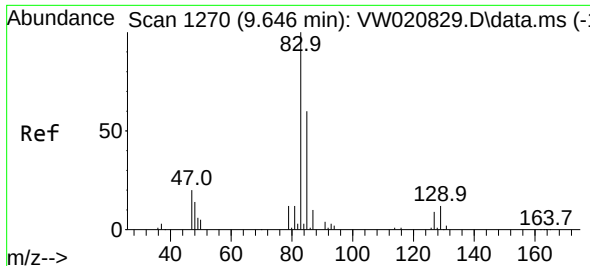
Tgt Ion: 63 Resp: 15157
Ion Ratio Lower Upper
63 100
65 29.0 23.7 35.5



#46
Dibromomethane
Concen: 18.885 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 93 Resp: 8730
Ion Ratio Lower Upper
93 100
95 82.3 67.0 100.4
174 115.8 88.9 133.3

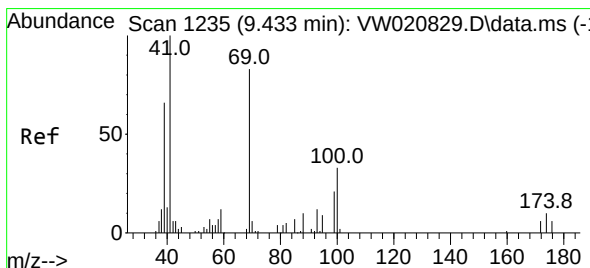
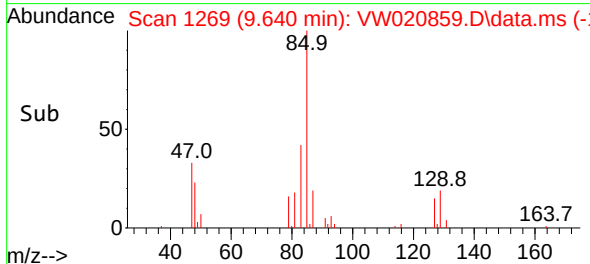
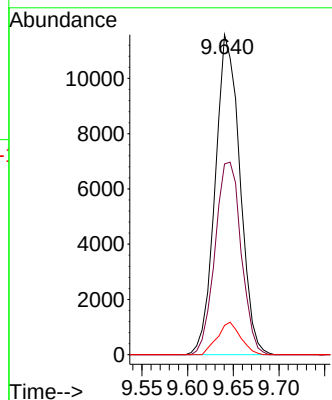
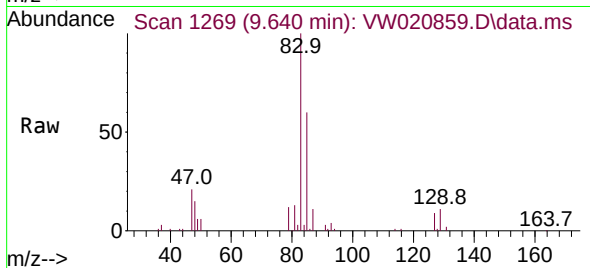




#47
Bromodichloromethane
Concen: 19.685 ug/l
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

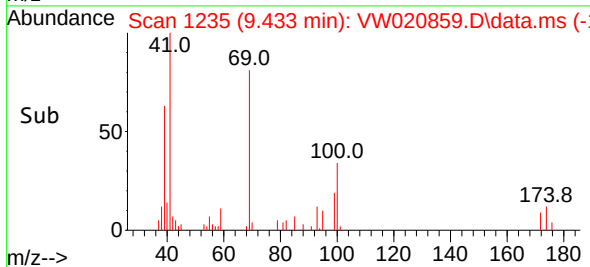
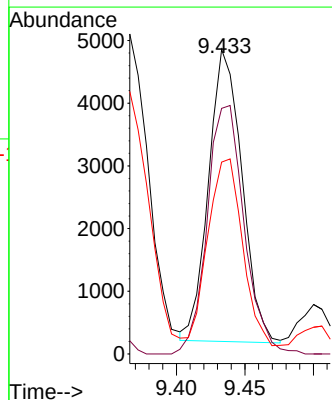
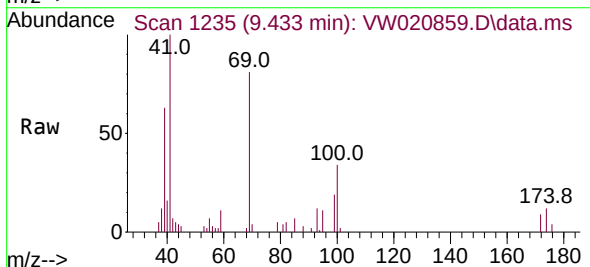
Instrument :
MSVOA_W
ClientSampleId :

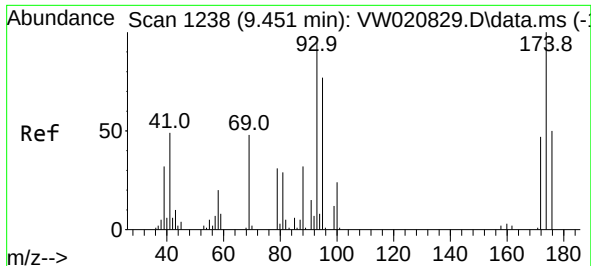
Tgt Ion:	83	Resp:	21745
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.0	76.6
127	9.1	7.0	10.4



#48
Methyl methacrylate
Concen: 14.645 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion:	41	Resp:	7890
Ion	Ratio	Lower	Upper
41	100		
69	94.4	67.2	100.8
39	66.6	47.0	70.6





#49

1,4-Dioxane

Concen: 318.152 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

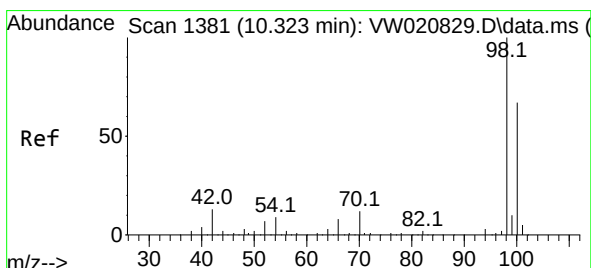
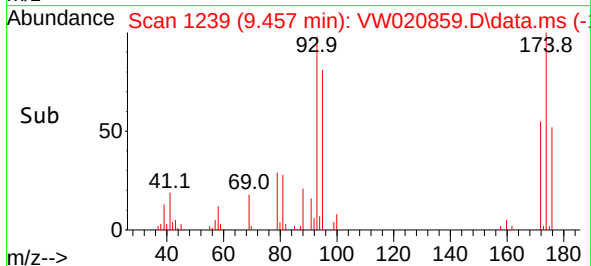
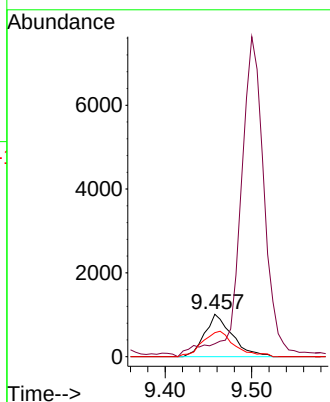
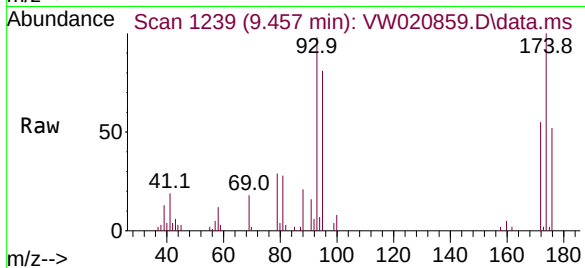
Tgt Ion: 88 Resp: 2226

Ion Ratio Lower Upper

88 100

43 0.0 28.8 43.2#

58 69.8 59.6 89.4



#50

Toluene-d8

Concen: 52.901 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020859.D

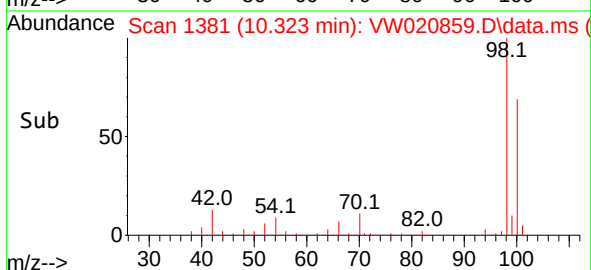
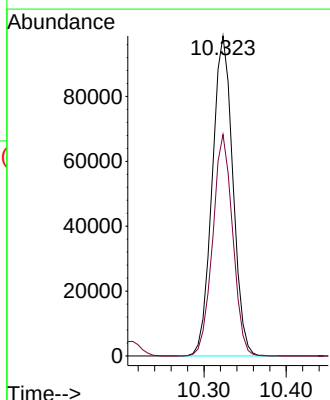
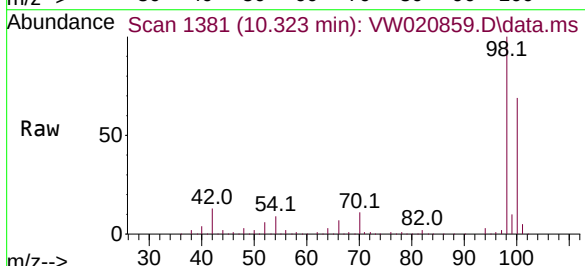
Acq: 12 Nov 2021 17:33

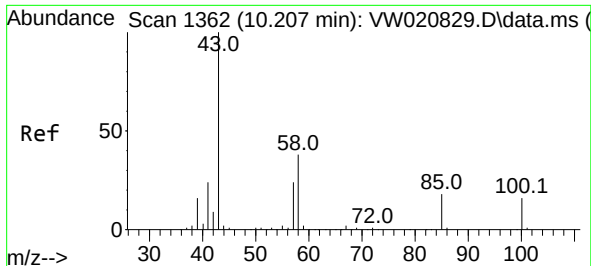
Tgt Ion: 98 Resp: 172113

Ion Ratio Lower Upper

98 100

100 66.9 53.2 79.8

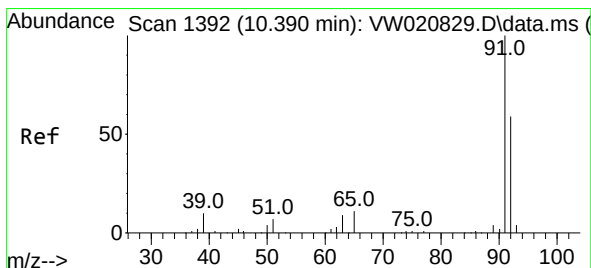
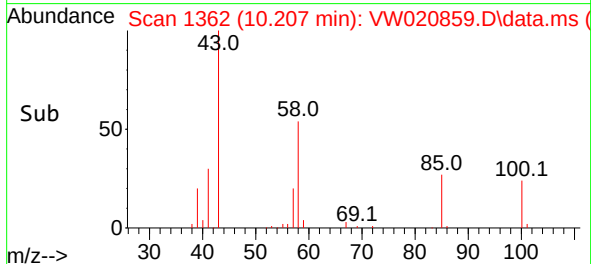
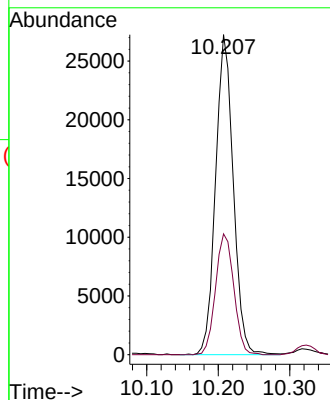
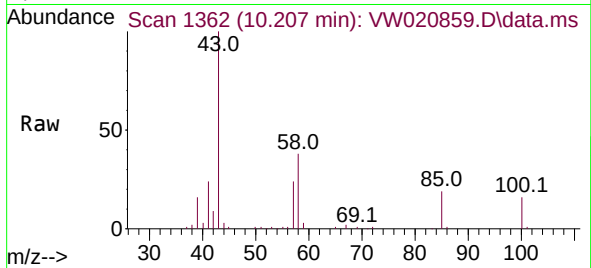




#51
4-Methyl-2-Pentanone
Concen: 78.017 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

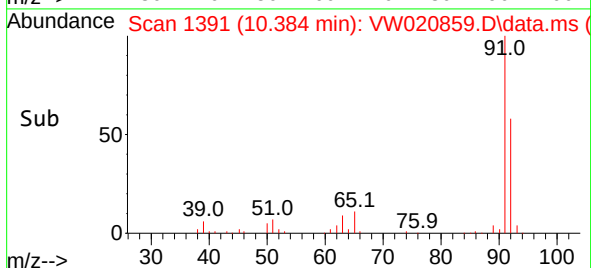
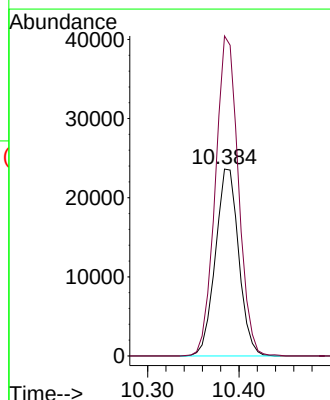
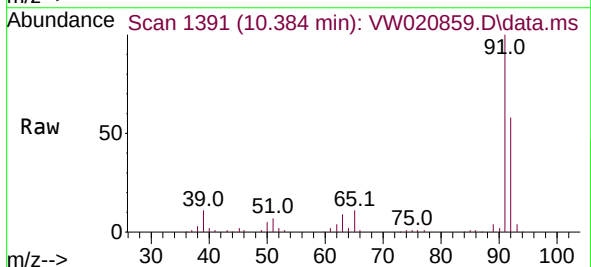
Instrument :
MSVOA_W
ClientSampleId :

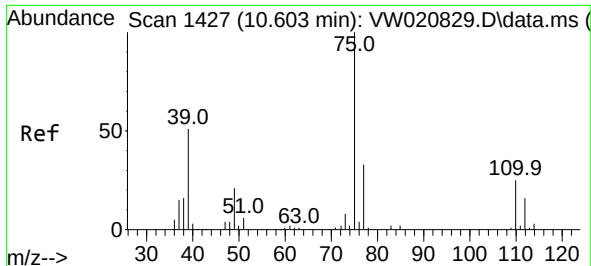
Tgt Ion: 43 Resp: 46758
Ion Ratio Lower Upper
43 100
58 39.0 30.6 46.0



#52
Toluene
Concen: 19.441 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 92 Resp: 41913
Ion Ratio Lower Upper
92 100
91 169.4 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 19.269 ug/l

RT: 10.604 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

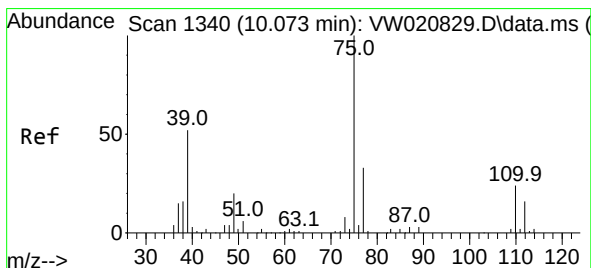
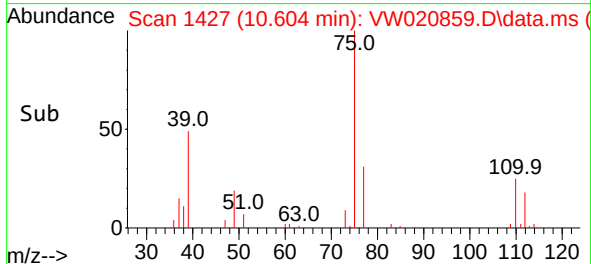
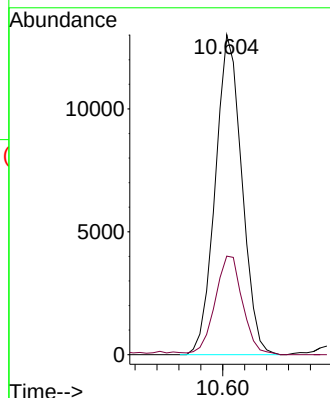
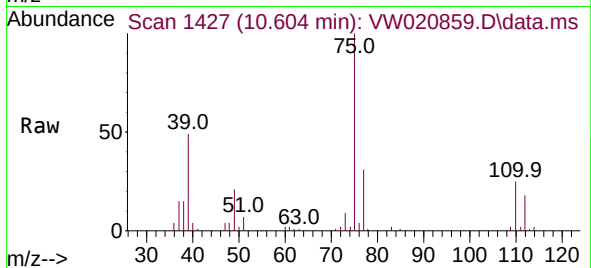
ClientSampleId :

Tgt Ion: 75 Resp: 21899

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 19.966 ug/l

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

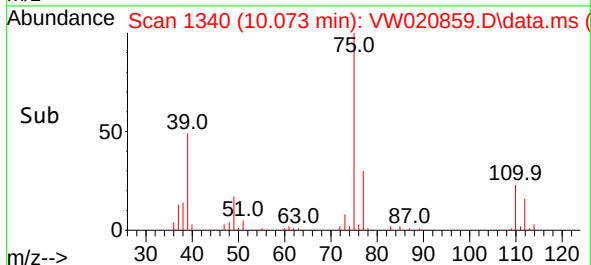
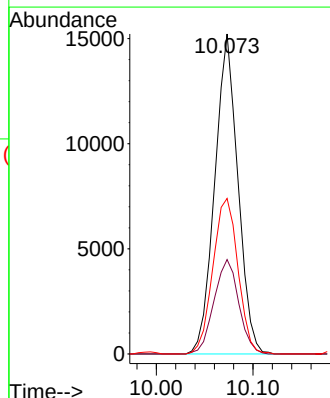
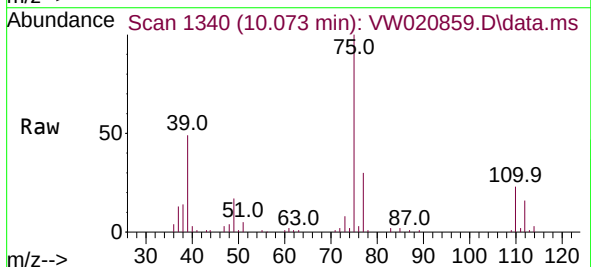
Tgt Ion: 75 Resp: 25249

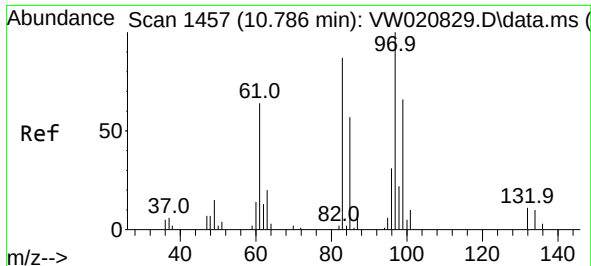
Ion Ratio Lower Upper

75 100

77 29.5 23.8 35.8

39 48.6 43.1 64.7

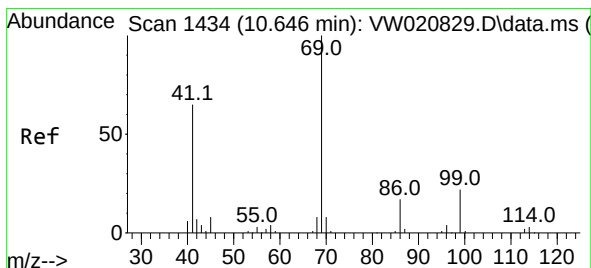
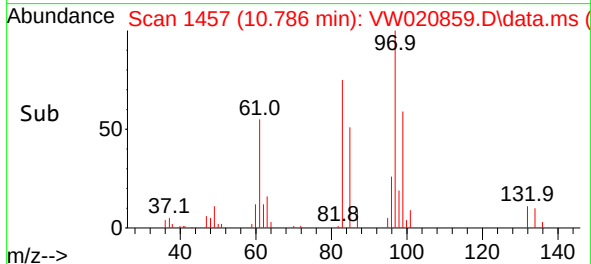
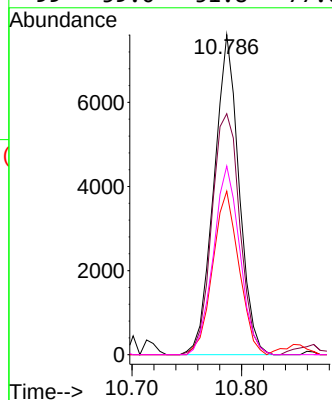
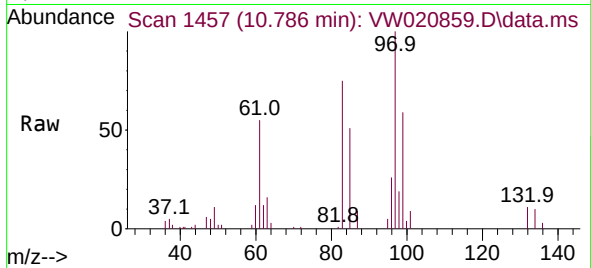




#55
1,1,2-Trichloroethane
Concen: 19.718 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

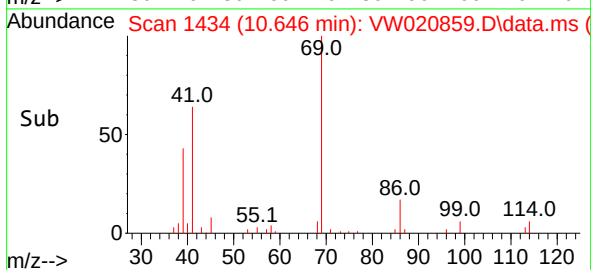
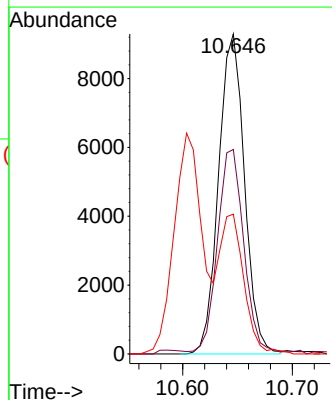
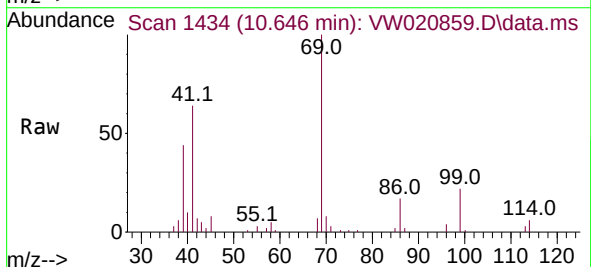
Instrument :
MSVOA_W
ClientSampleId :

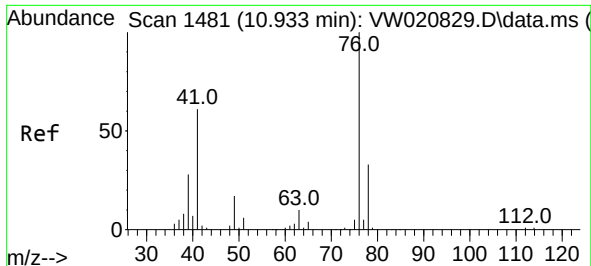
Tgt Ion:	97	Resp:	12102
Ion	Ratio	Lower	Upper
97	100		
83	75.3	69.0	103.4
85	51.1	44.3	66.5
99	59.0	51.8	77.6



#56
Ethyl methacrylate
Concen: 18.016 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion:	69	Resp:	15258
Ion	Ratio	Lower	Upper
69	100		
41	66.1	56.6	85.0
39	40.5	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.203 ug/l

RT: 10.927 min Scan# 1480

Delta R.T. -0.006 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

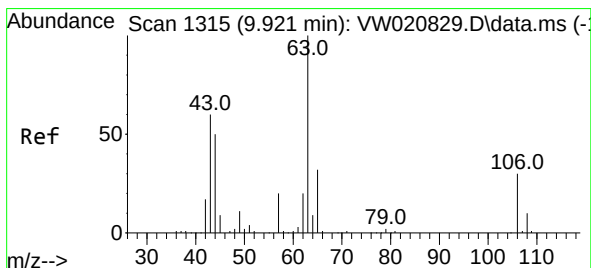
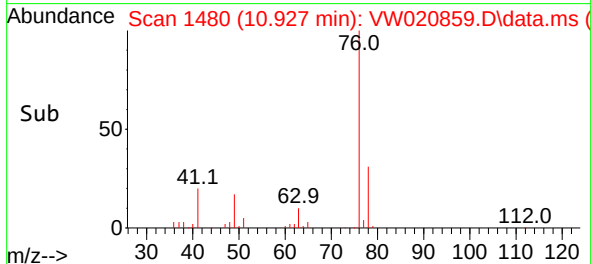
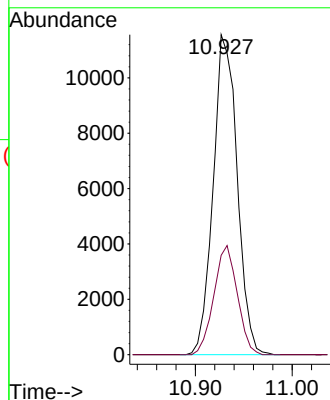
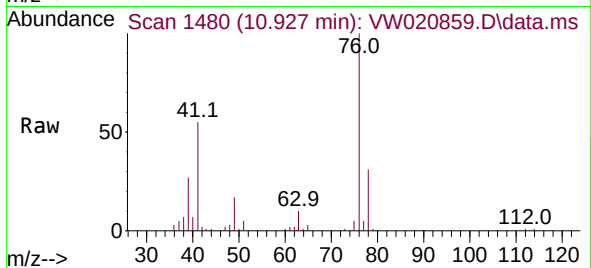
ClientSampleId :

Tgt Ion: 76 Resp: 19911

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 97.195 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VW020859.D

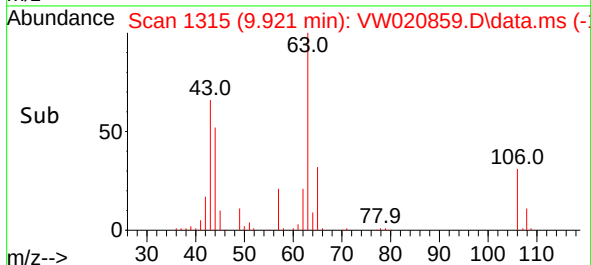
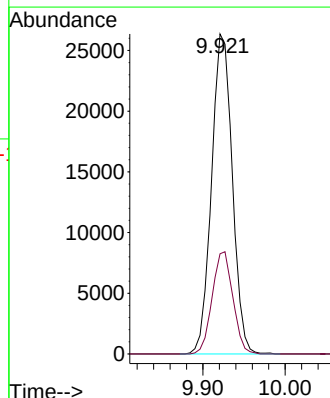
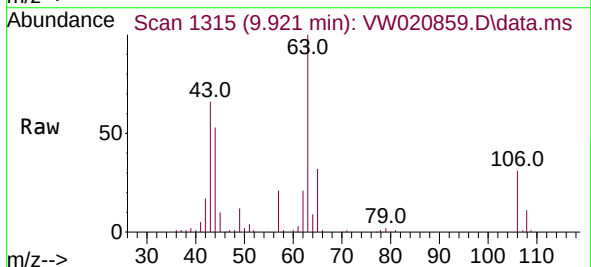
Acq: 12 Nov 2021 17:33

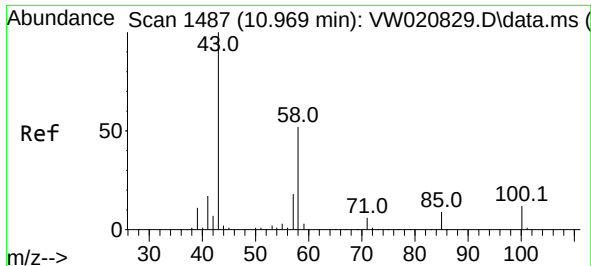
Tgt Ion: 63 Resp: 46250

Ion Ratio Lower Upper

63 100

106 31.8 23.0 34.6

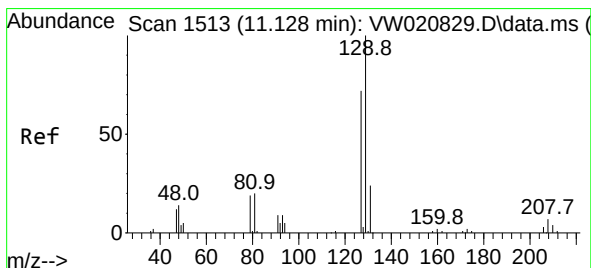
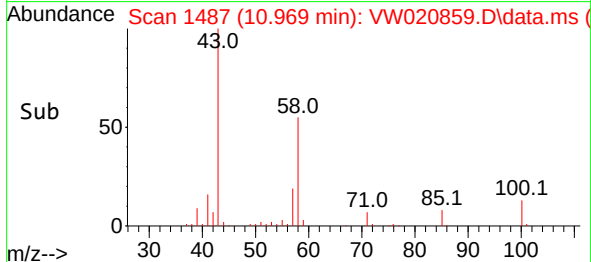
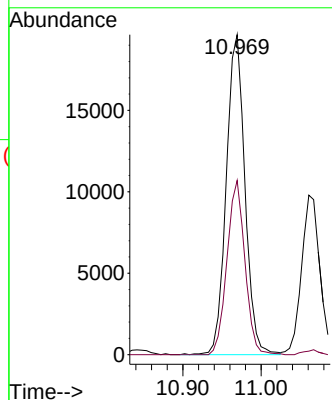
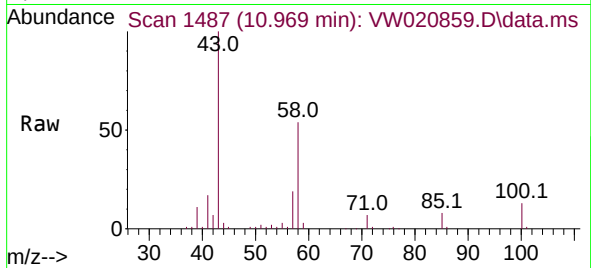




#59
2-Hexanone
Concen: 74.012 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

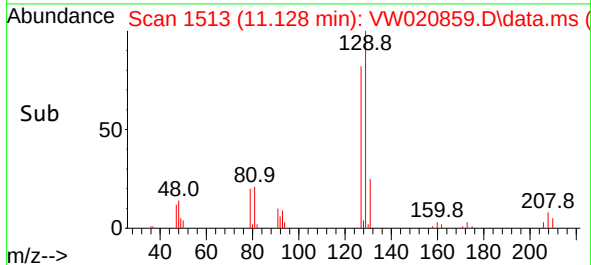
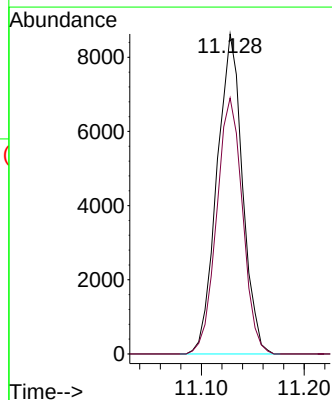
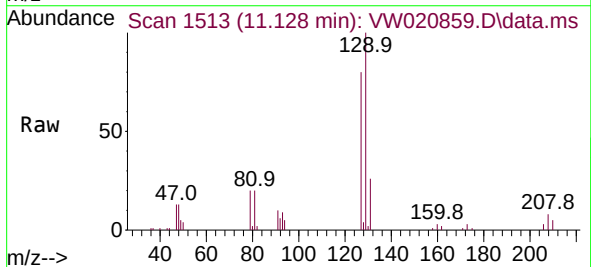
Instrument :
MSVOA_W
ClientSampleId :

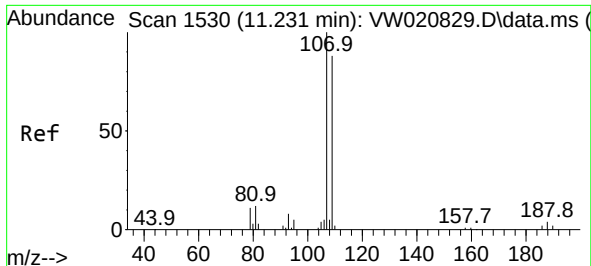
Tgt Ion: 43 Resp: 32557
Ion Ratio Lower Upper
43 100
58 52.3 26.4 79.2



#60
Dibromochloromethane
Concen: 18.508 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 129 Resp: 14926
Ion Ratio Lower Upper
129 100
127 80.8 38.9 116.6

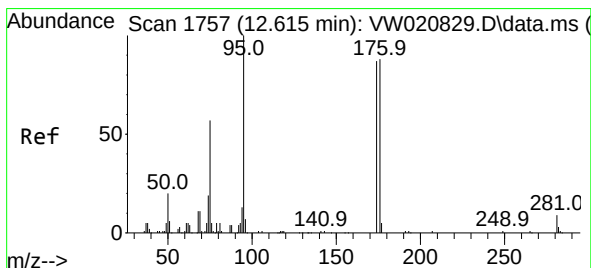
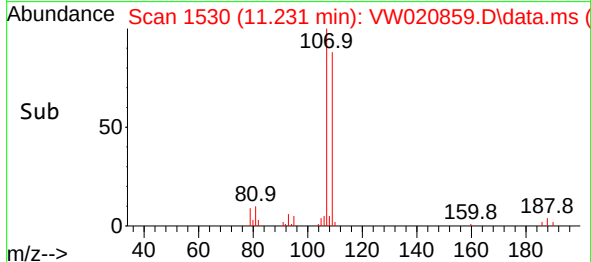
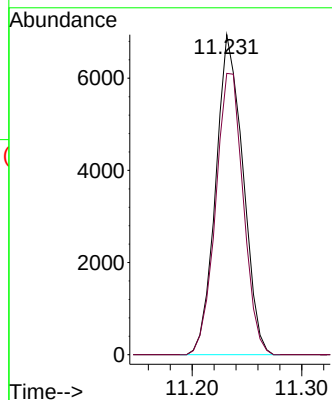
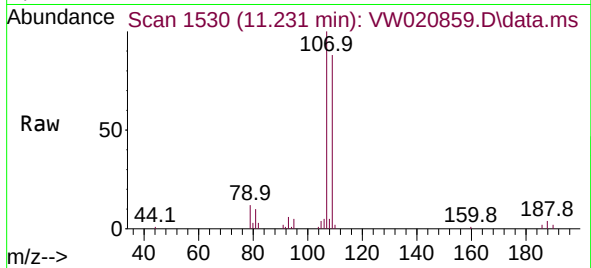




#61
1,2-Dibromoethane
Concen: 18.875 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

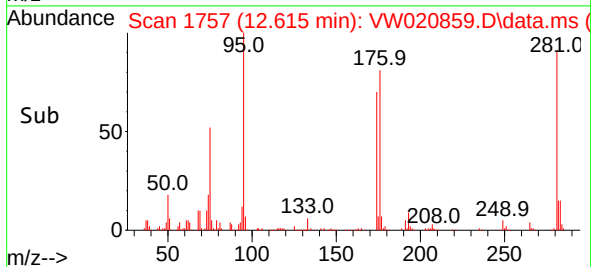
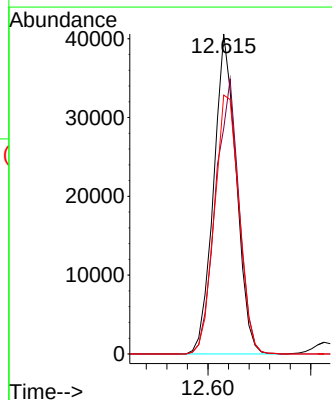
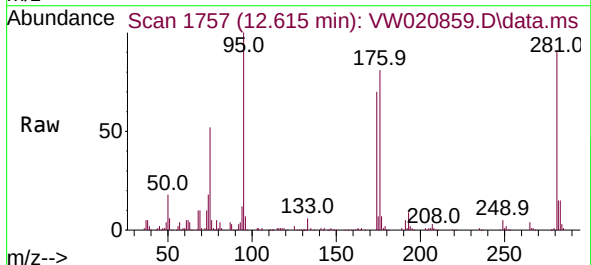
Instrument :
MSVOA_W
ClientSampleId :

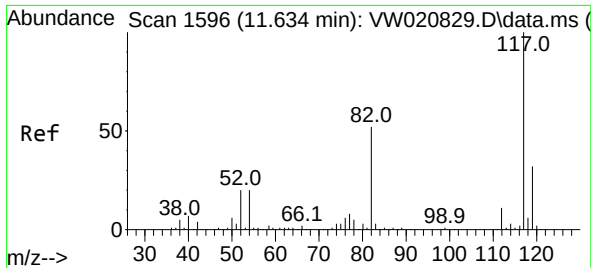
Tgt Ion:107 Resp: 11969
Ion Ratio Lower Upper
107 100
109 89.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.710 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 95 Resp: 61871
Ion Ratio Lower Upper
95 100
174 88.9 0.0 166.4
176 88.5 0.0 159.8

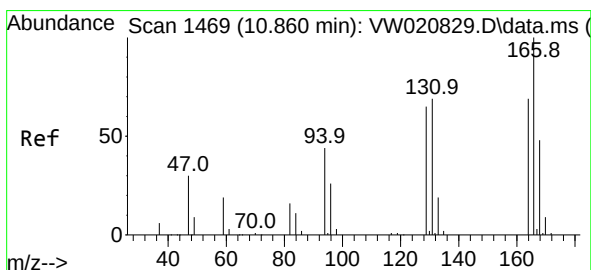
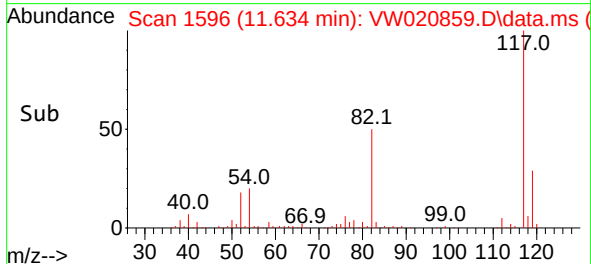
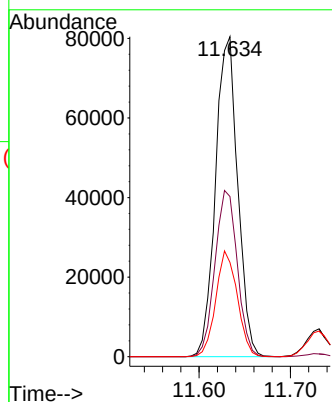
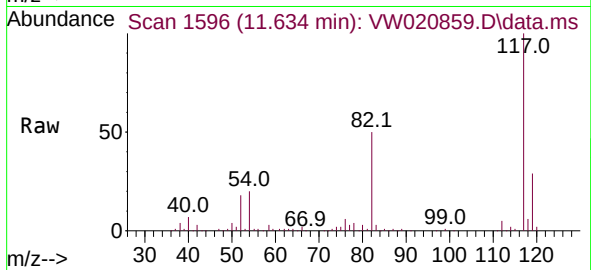




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

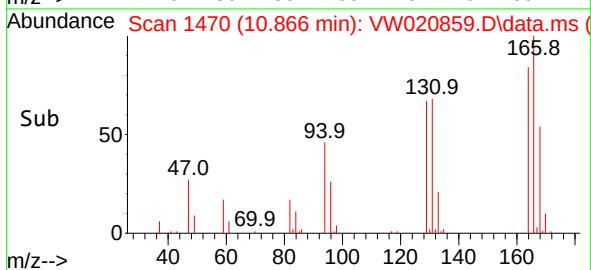
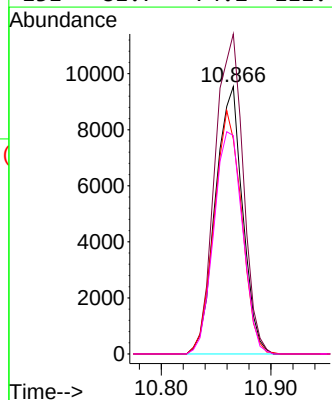
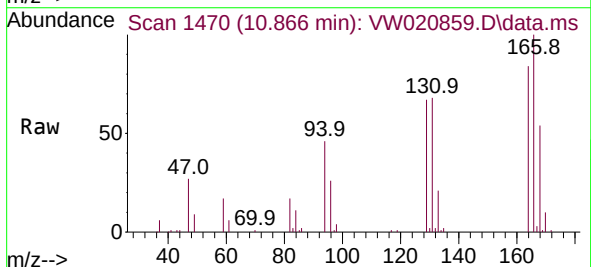
Instrument :
MSVOA_W
ClientSampleId :

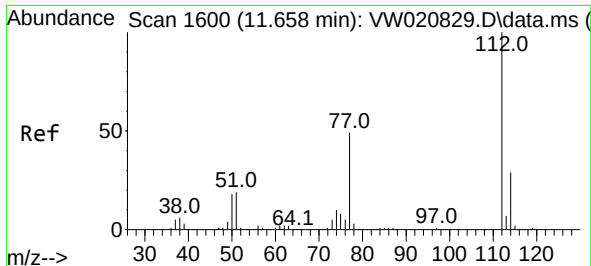
Tgt Ion:117 Resp: 135910
Ion Ratio Lower Upper
117 100
82 50.0 45.6 68.4
119 29.5 25.0 37.4



#64
Tetrachloroethene
Concen: 18.731 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion:164 Resp: 16473
Ion Ratio Lower Upper
164 100
166 119.7 110.2 165.4
129 80.4 74.4 111.6
131 81.7 74.2 111.4

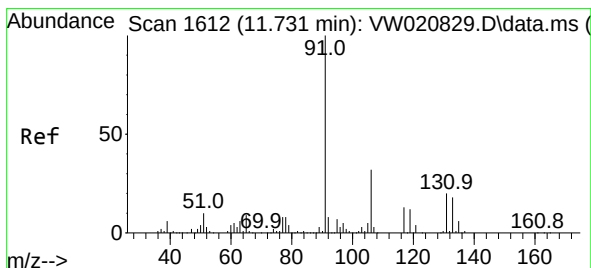
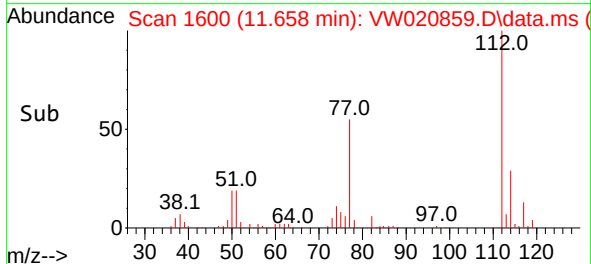
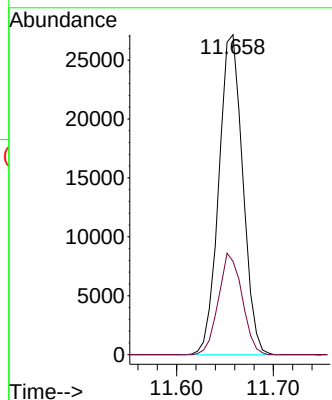
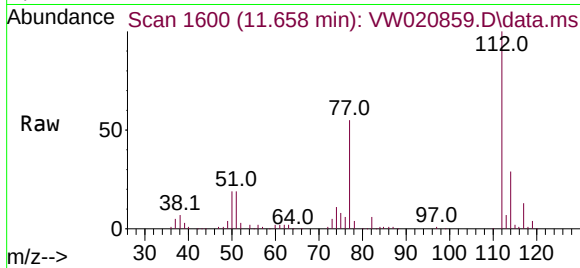




#65
Chlorobenzene
Concen: 19.596 ug/l
RT: 11.658 min Scan# 11600
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

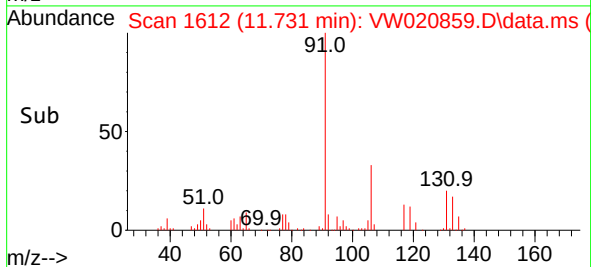
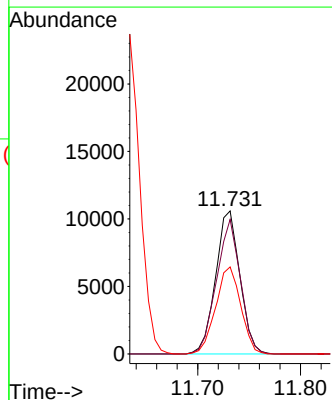
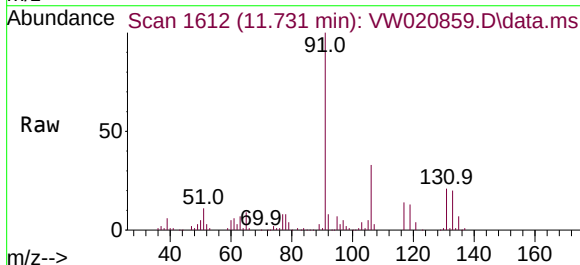
Instrument :
MSVOA_W
ClientSampleId :

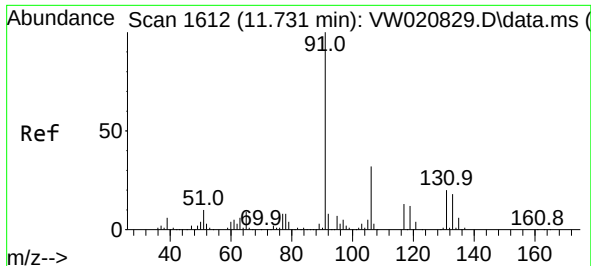
Tgt Ion:112 Resp: 46574
Ion Ratio Lower Upper
112 100
114 29.2 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.113 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion:131 Resp: 17342
Ion Ratio Lower Upper
131 100
133 92.6 47.9 143.8
119 62.9 31.6 95.0





#67

Ethyl Benzene

Concen: 18.599 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

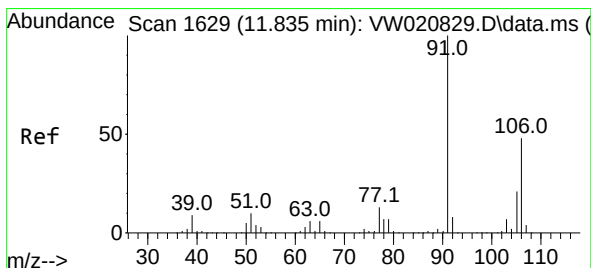
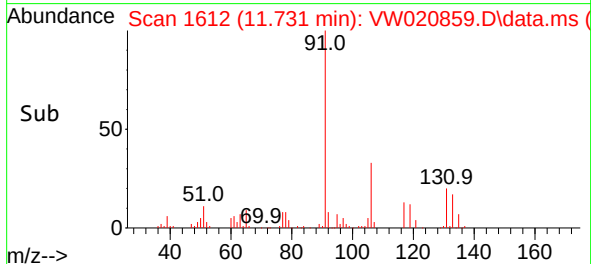
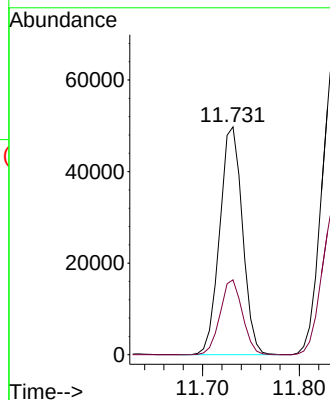
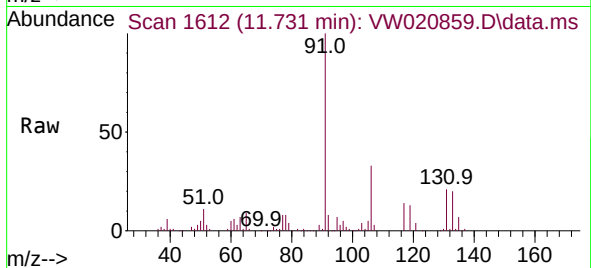
ClientSampleId :

Tgt Ion: 91 Resp: 81255

Ion Ratio Lower Upper

91 100

106 32.8 24.4 36.6



#68

m/p-Xylenes

Concen: 37.778 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW020859.D

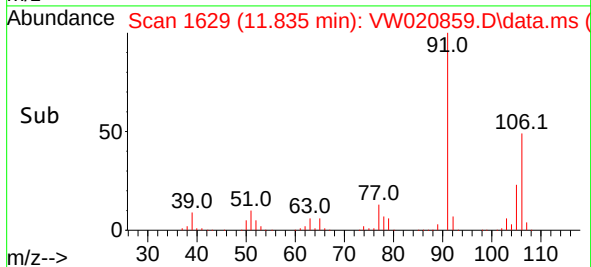
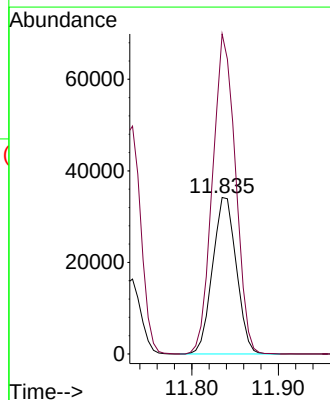
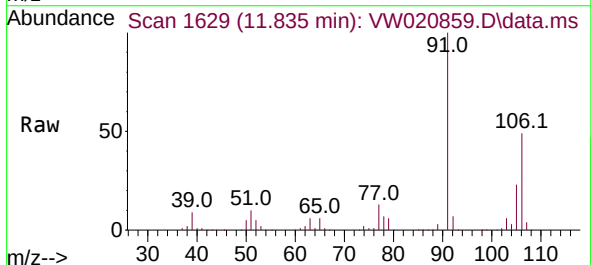
Acq: 12 Nov 2021 17:33

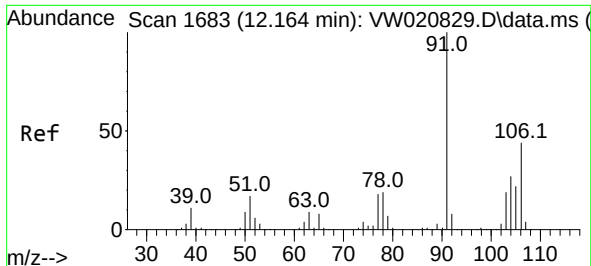
Tgt Ion:106 Resp: 65261

Ion Ratio Lower Upper

106 100

91 197.4 166.4 249.6

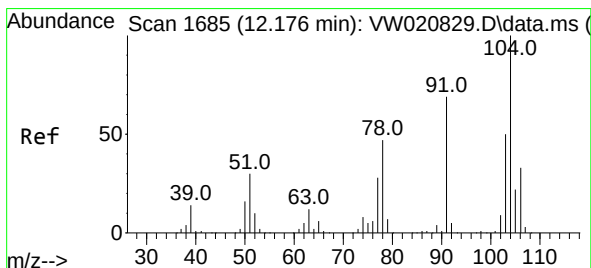
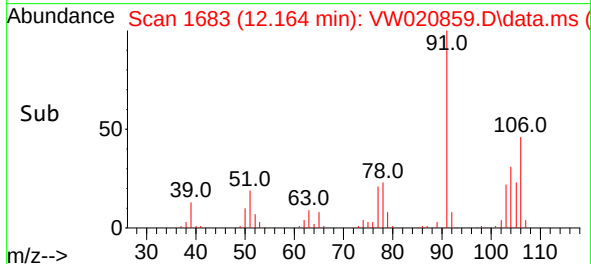
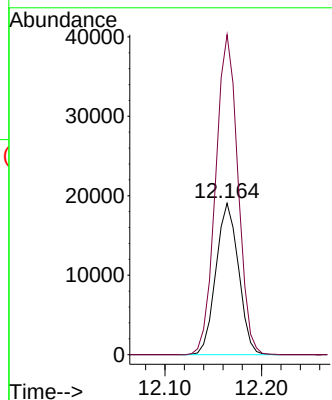
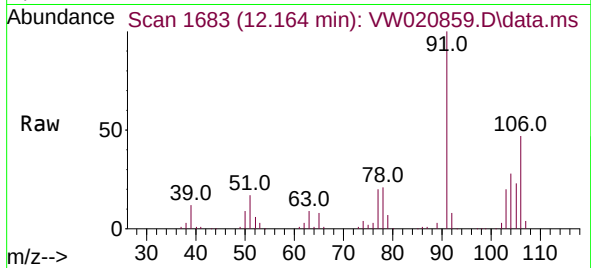




#69
o-Xylene
Concen: 19.282 ug/l
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

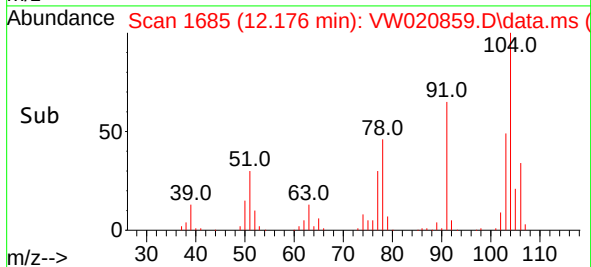
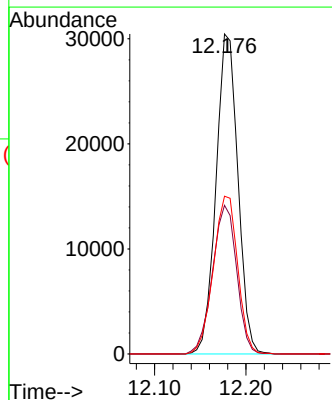
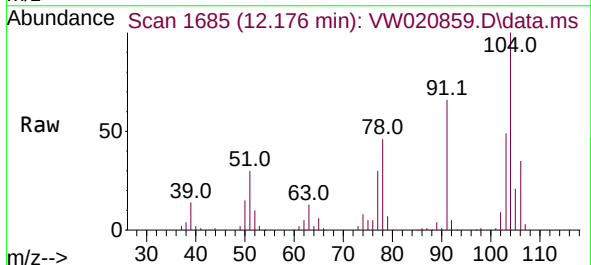
Instrument :
MSVOA_W
ClientSampleId :

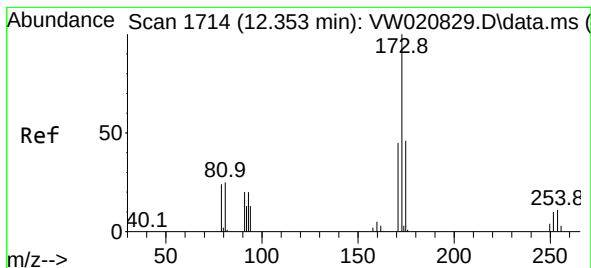
Tgt Ion:106 Resp: 30913
Ion Ratio Lower Upper
106 100
91 208.6 110.9 332.6



#70
Styrene
Concen: 18.944 ug/l
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion:104 Resp: 50724
Ion Ratio Lower Upper
104 100
78 51.2 41.4 62.0
103 54.9 43.3 64.9





#71

Bromoform

Concen: 17.355 ug/l

RT: 12.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

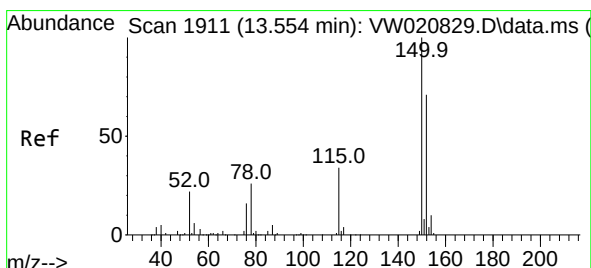
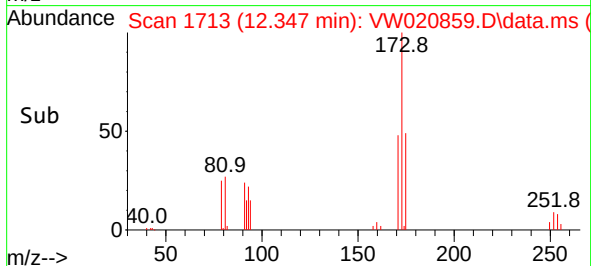
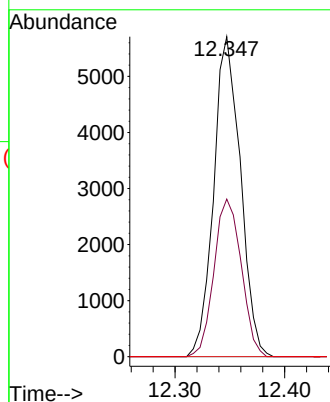
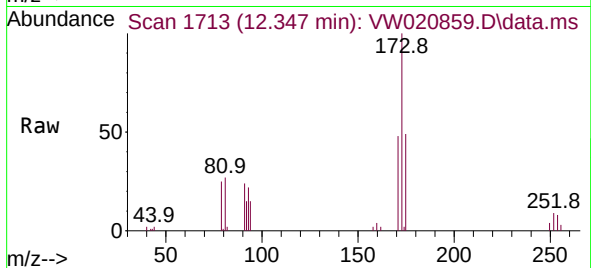
Tgt Ion:173 Resp: 9672

Ion Ratio Lower Upper

173 100

175 50.2 24.6 73.8

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: VW020859.D

Acq: 12 Nov 2021 17:33

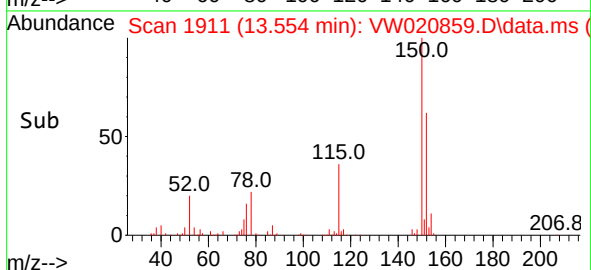
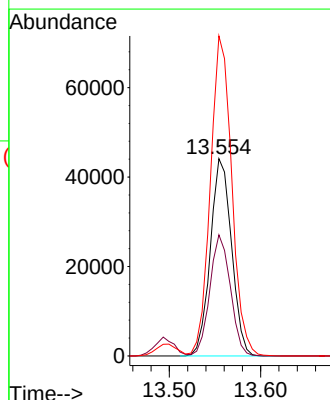
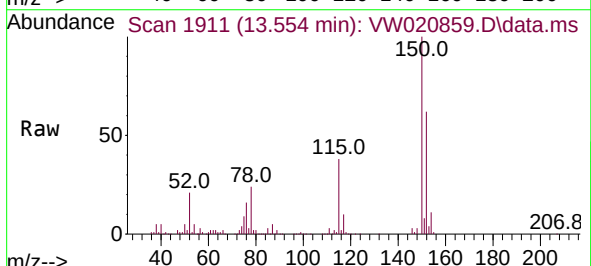
Tgt Ion:152 Resp: 71069

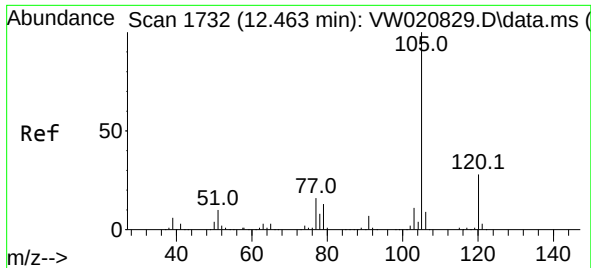
Ion Ratio Lower Upper

152 100

115 59.3 29.6 88.9

150 163.6 0.0 352.6

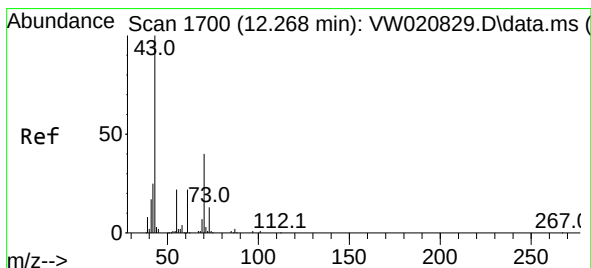
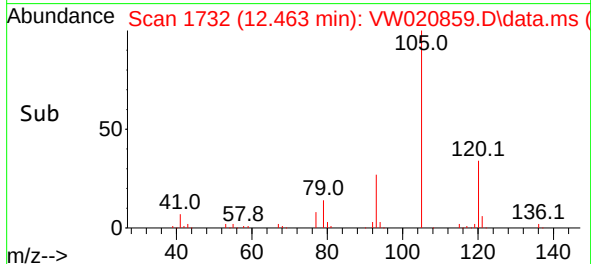
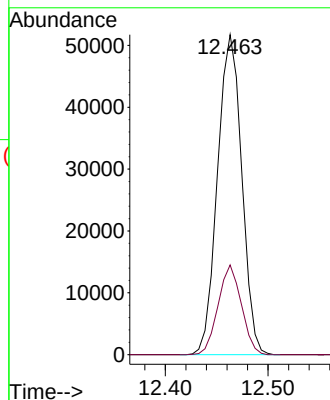
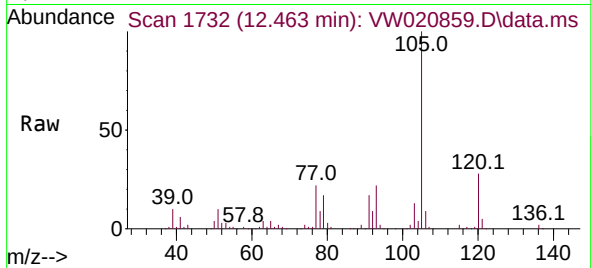




#73
Isopropylbenzene
Concen: 19.122 ug/l
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

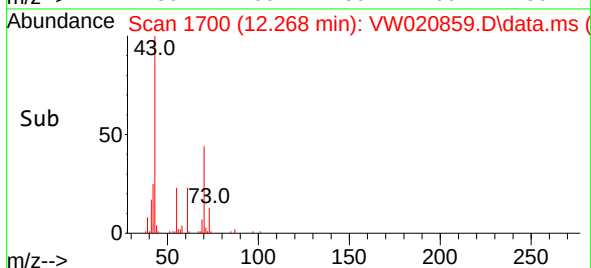
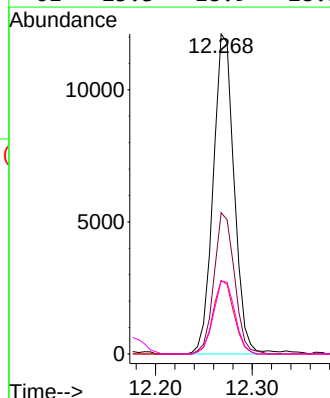
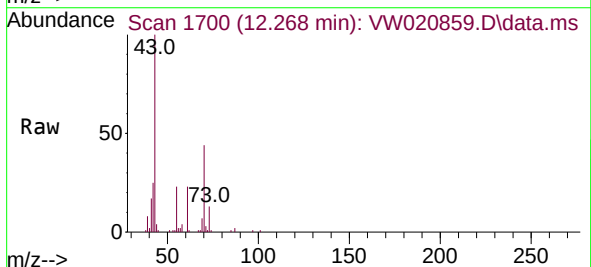
Instrument :
MSVOA_W
ClientSampleId :

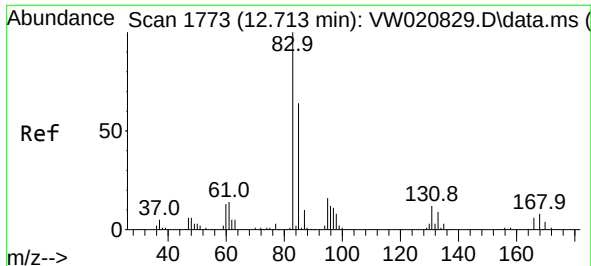
Tgt Ion:105 Resp: 84777
Ion Ratio Lower Upper
105 100
120 26.8 13.0 39.0



#74
N-ethyl acetate
Concen: 17.225 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 43 Resp: 18235
Ion Ratio Lower Upper
43 100
70 43.1 33.4 50.2
55 23.0 20.1 30.1
61 23.3 18.9 28.3

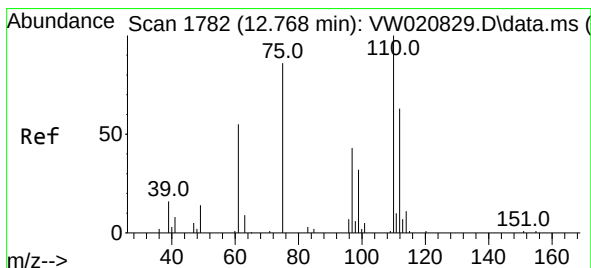
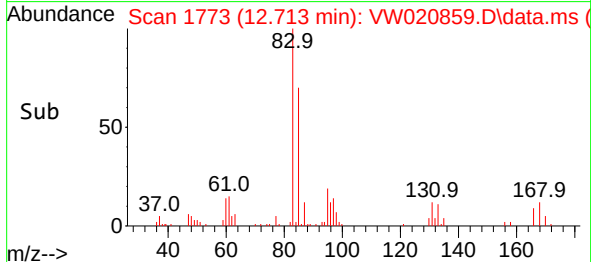
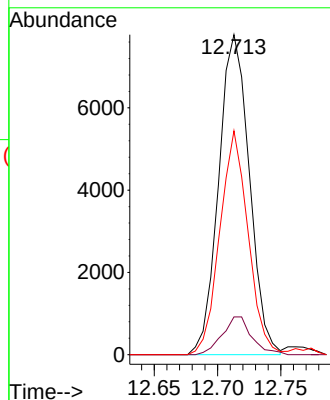
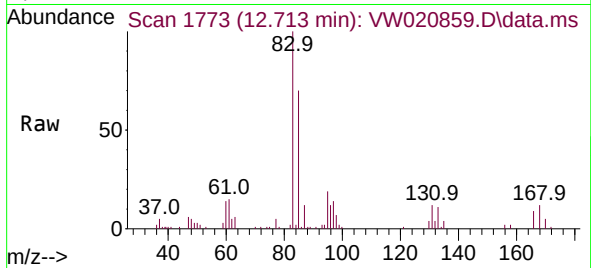




#75
1,1,2,2-Tetrachloroethane
Concen: 16.586 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

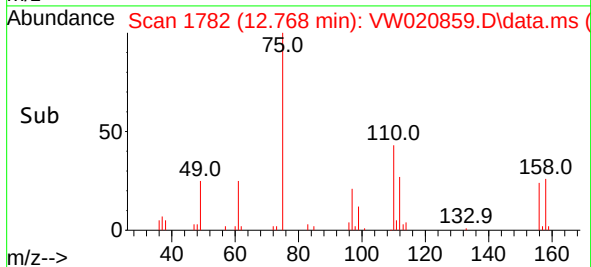
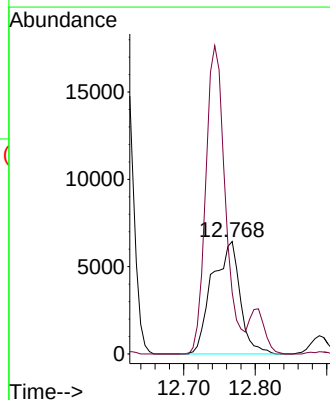
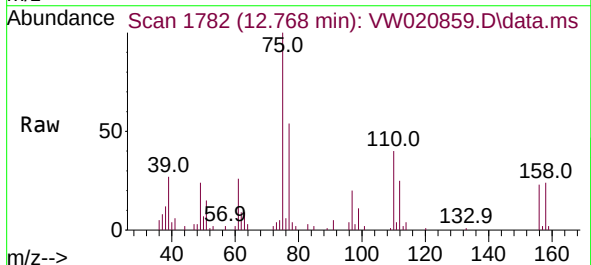
Instrument :
MSVOA_W
ClientSampleId :

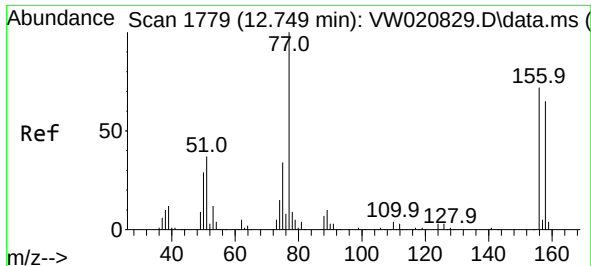
Tgt Ion: 83 Resp: 13126
Ion Ratio Lower Upper
83 100
131 11.4 5.8 17.3
85 64.6 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 31.921 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

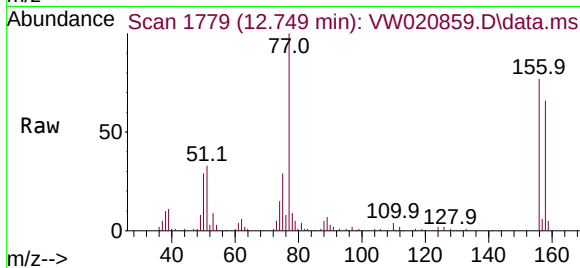
Tgt Ion: 75 Resp: 17443
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



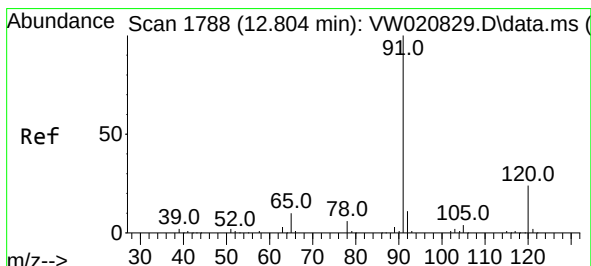
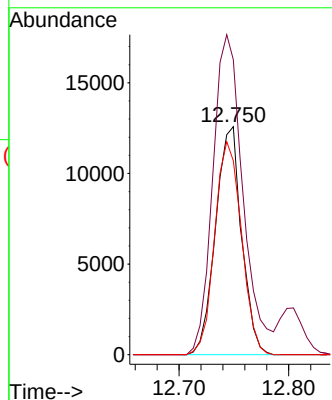
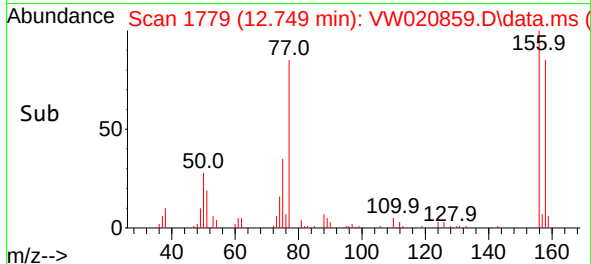


#77
Bromobenzene
Concen: 20.231 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

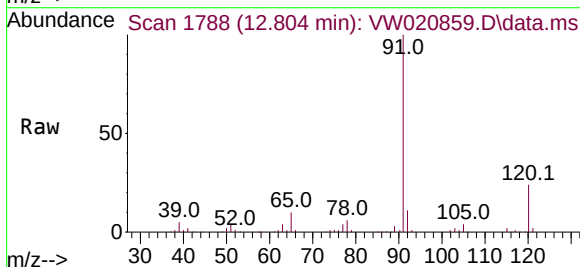
Instrument :
MSVOA_W
ClientSampleId :



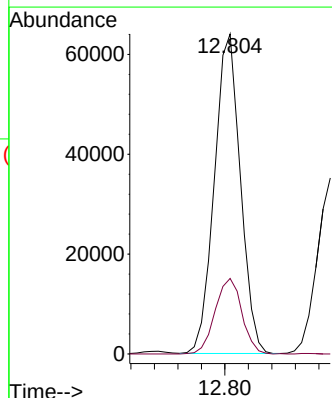
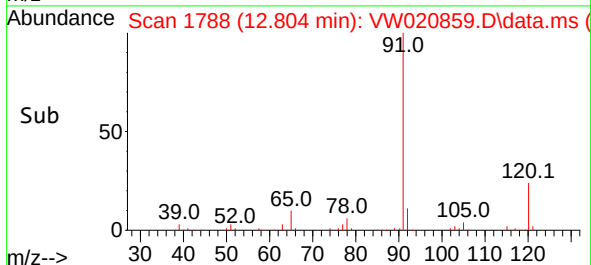
Tgt Ion:156 Resp: 20783
Ion Ratio Lower Upper
156 100
77 162.5 91.8 275.6
158 95.9 47.9 143.8

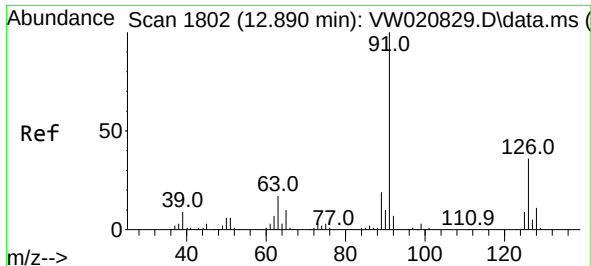


#78
n-propylbenzene
Concen: 18.260 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33



Tgt Ion: 91 Resp: 98349
Ion Ratio Lower Upper
91 100
120 24.3 11.7 35.0





#79

2-Chlorotoluene

Concen: 18.886 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

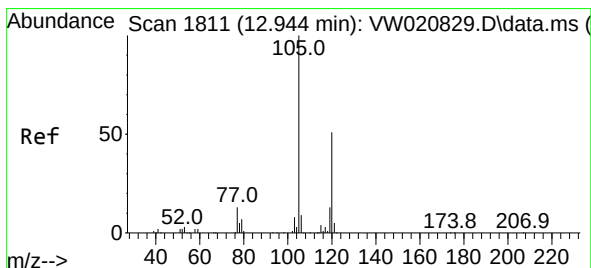
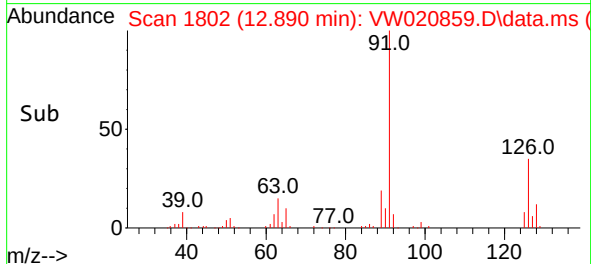
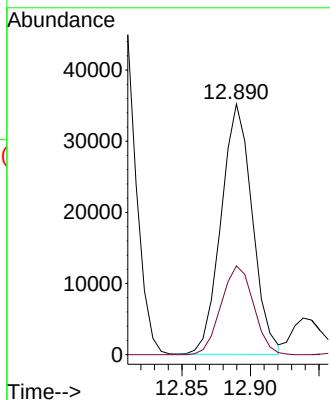
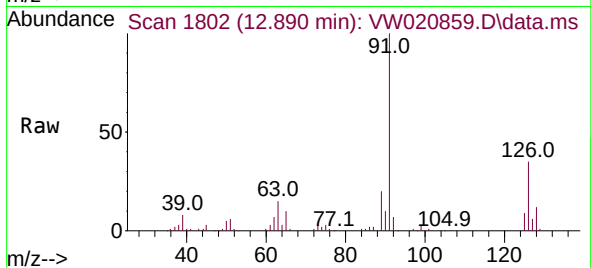
ClientSampleId :

Tgt Ion: 91 Resp: 55794

Ion Ratio Lower Upper

91 100

126 36.7 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 18.986 ug/l

RT: 12.945 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW020859.D

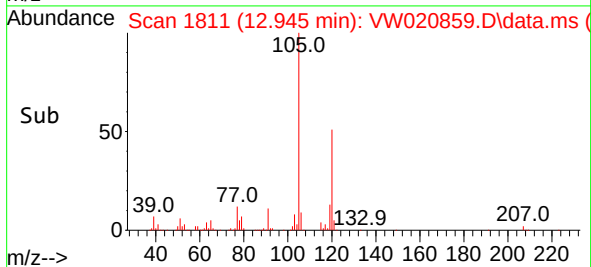
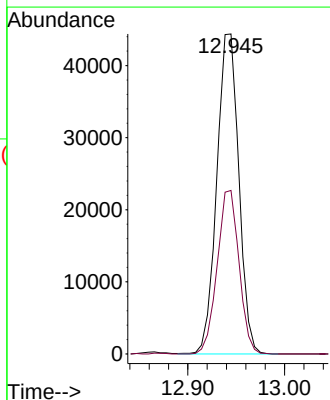
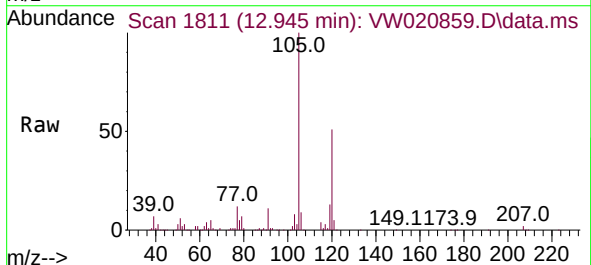
Acq: 12 Nov 2021 17:33

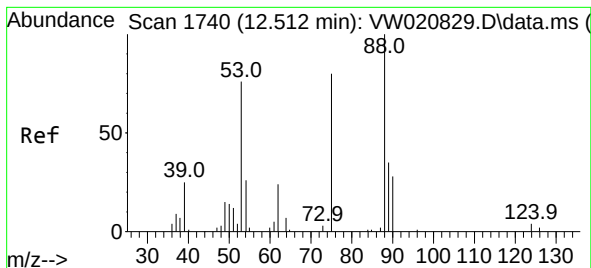
Tgt Ion:105 Resp: 70124

Ion Ratio Lower Upper

105 100

120 50.7 24.3 72.9

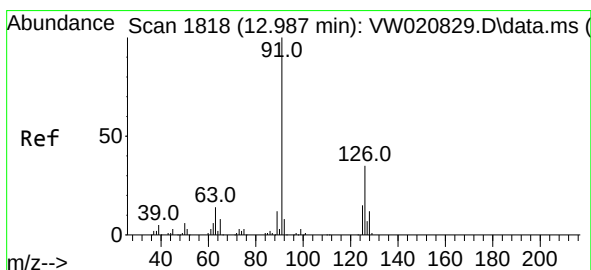
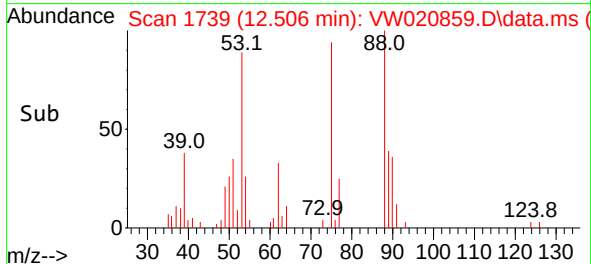
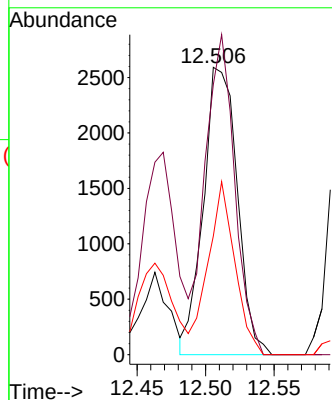
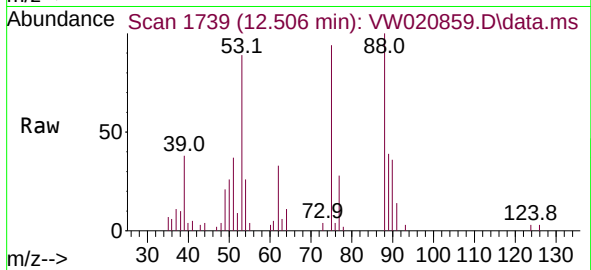




#81
trans-1,4-Dichloro-2-butene
Concen: 16.037 ug/l
RT: 12.506 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

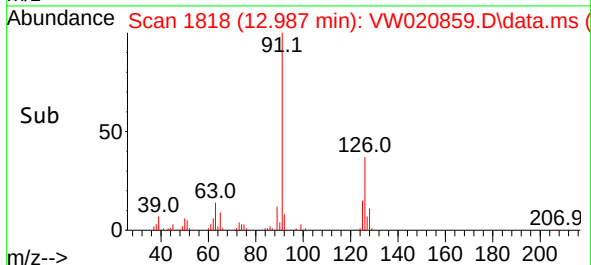
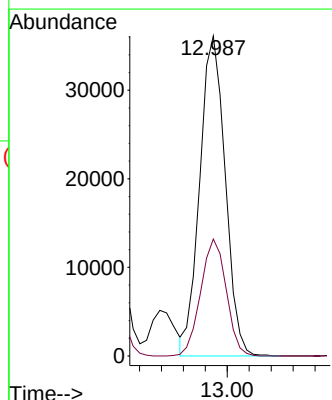
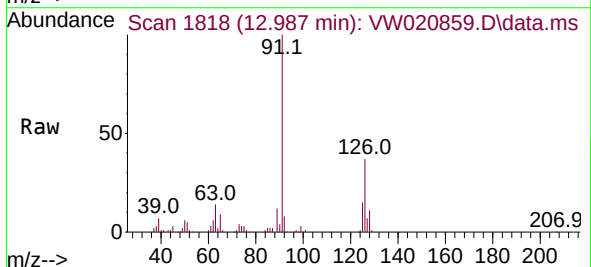
Instrument :
MSVOA_W
ClientSampleId :

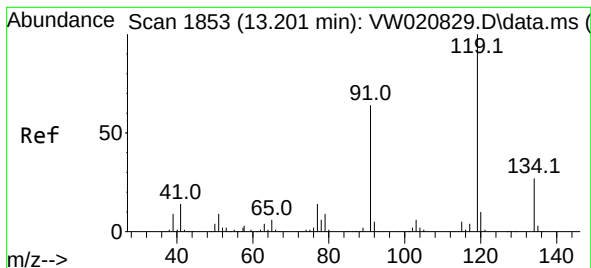
Tgt Ion: 75 Resp: 4452
Ion Ratio Lower Upper
75 100
53 96.4 83.7 125.5
89 47.4 36.7 55.1



#82
4-Chlorotoluene
Concen: 19.078 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 91 Resp: 58323
Ion Ratio Lower Upper
91 100
126 36.6 16.8 50.4

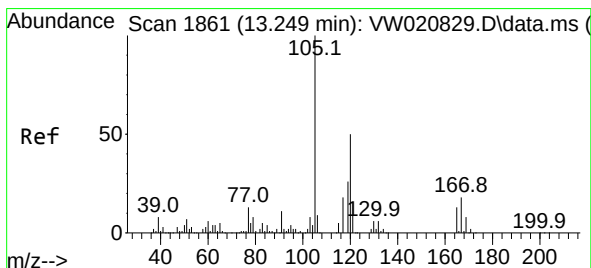
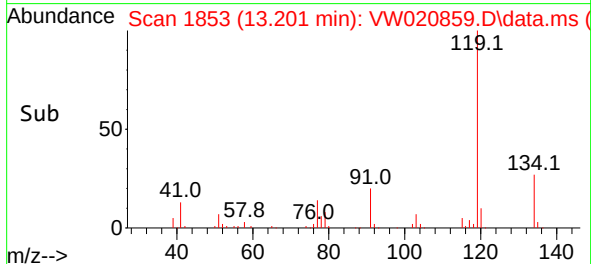
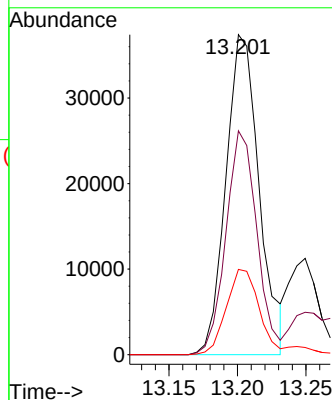
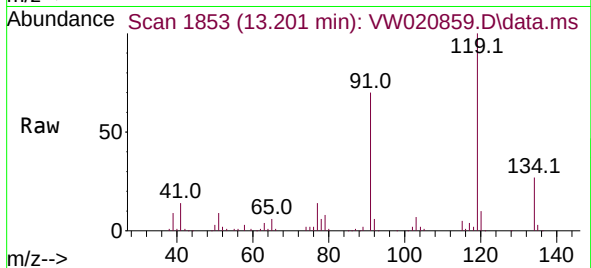




#83
tert-Butylbenzene
Concen: 18.236 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

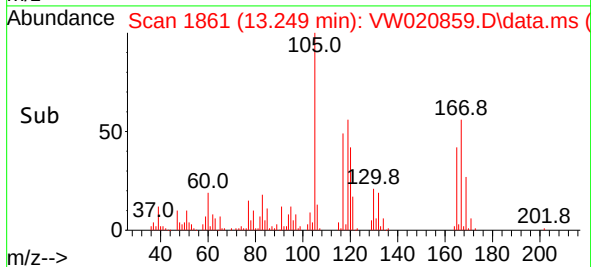
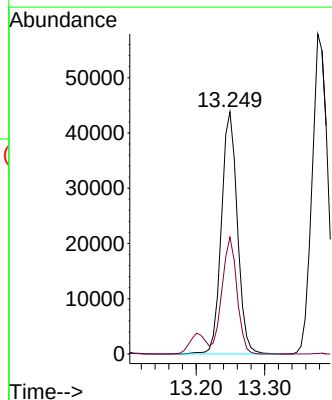
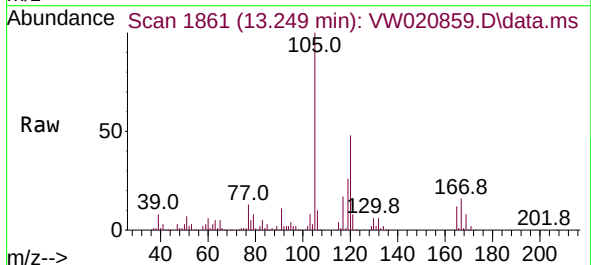
Instrument :
MSVOA_W
ClientSampleId :

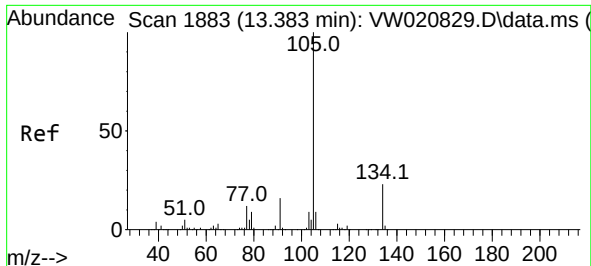
Tgt Ion:119 Resp: 63238
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.7
134 26.6 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 19.453 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion:105 Resp: 70614
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.7

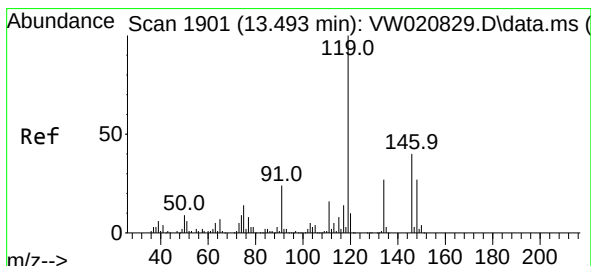
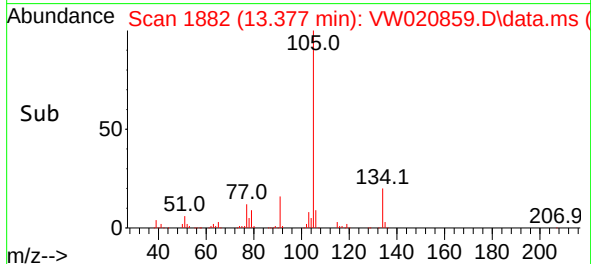
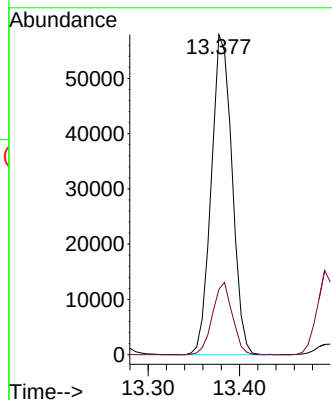
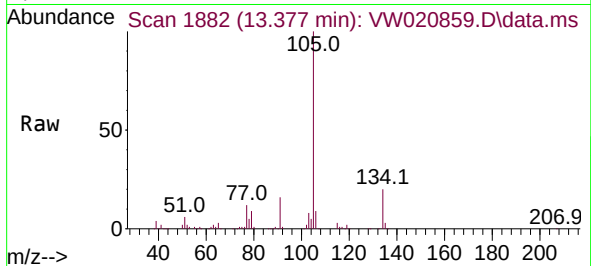




#85
 sec-Butylbenzene
 Concen: 18.488 ug/l
 RT: 13.377 min Scan# 1882
 Delta R.T. -0.006 min
 Lab File: VW020859.D
 Acq: 12 Nov 2021 17:33

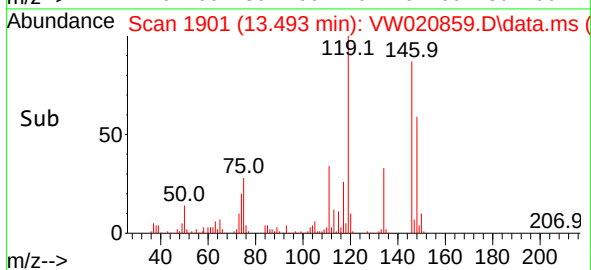
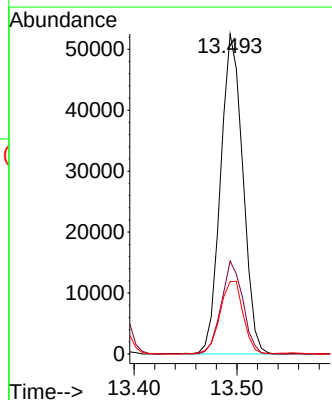
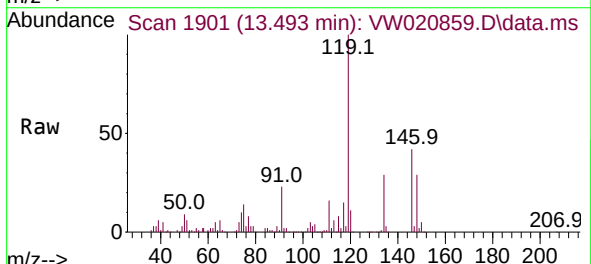
Instrument :
 MSVOA_W
 ClientSampleId :

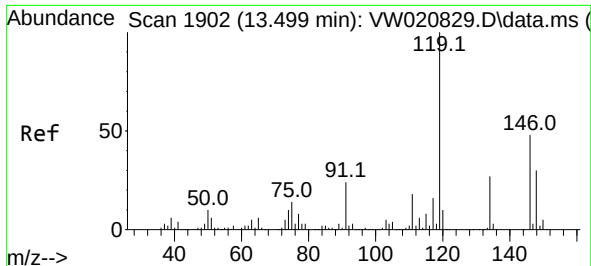
Tgt Ion:105 Resp: 91645
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 18.585 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020859.D
 Acq: 12 Nov 2021 17:33

Tgt Ion:119 Resp: 78956
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.0 38.9
 91 23.8 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 19.884 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

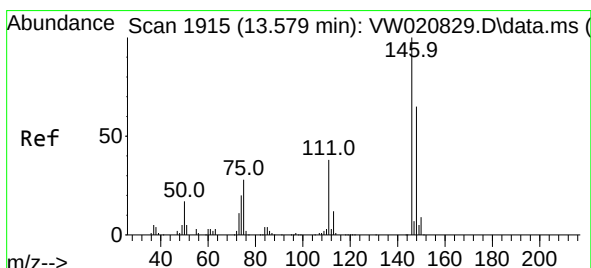
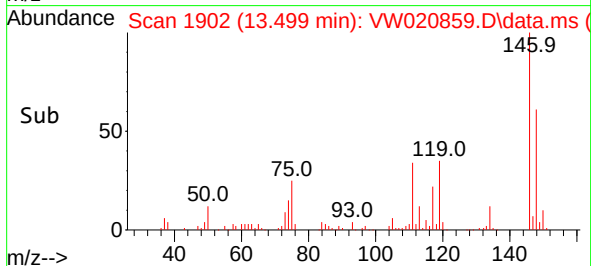
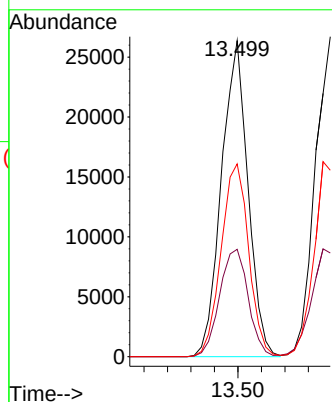
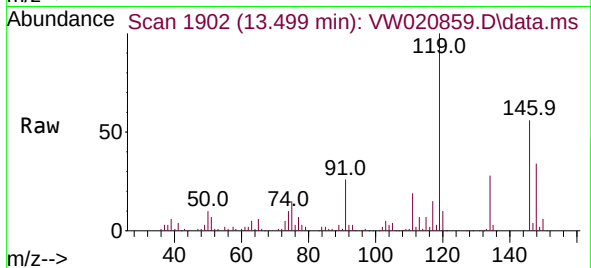
Tgt Ion:146 Resp: 41311

Ion Ratio Lower Upper

146 100

111 36.7 19.4 58.2

148 63.5 30.8 92.3



#88

1,4-Dichlorobenzene

Concen: 19.783 ug/l

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

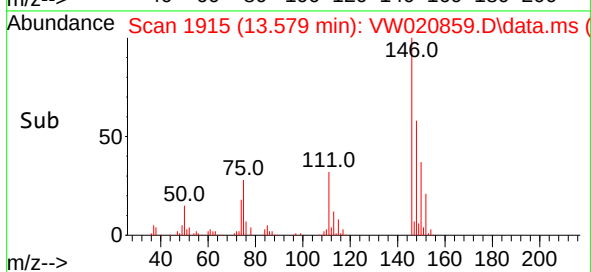
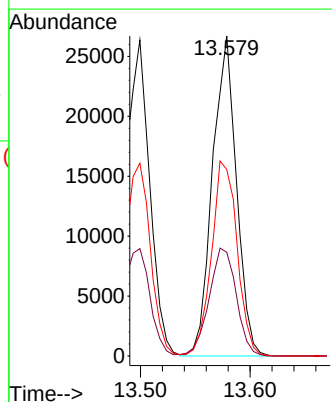
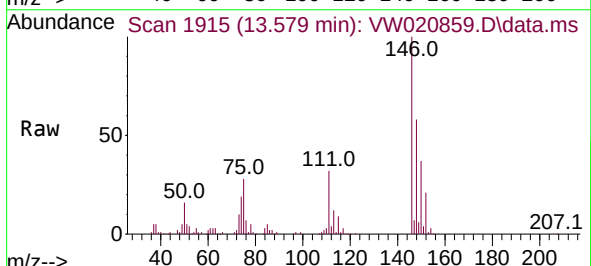
Tgt Ion:146 Resp: 40598

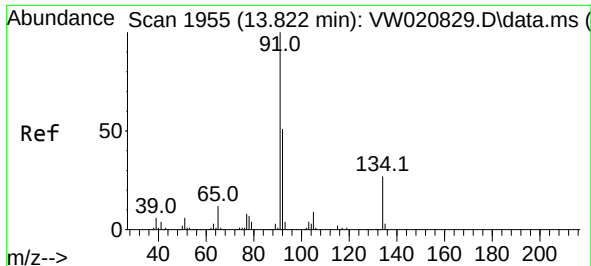
Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.4

148 65.1 32.4 97.2

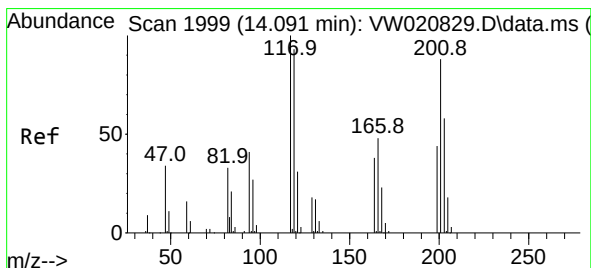
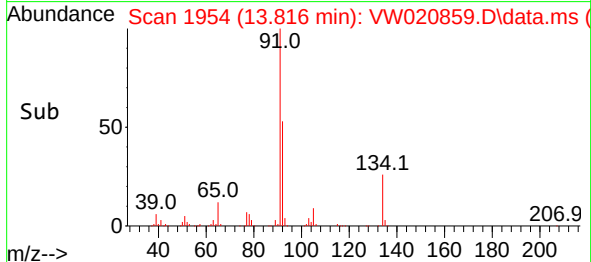
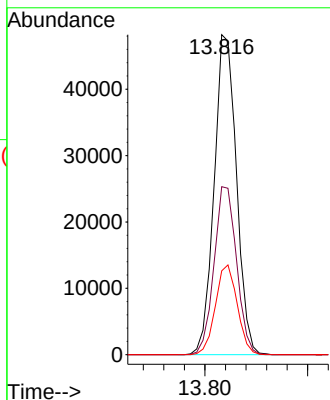
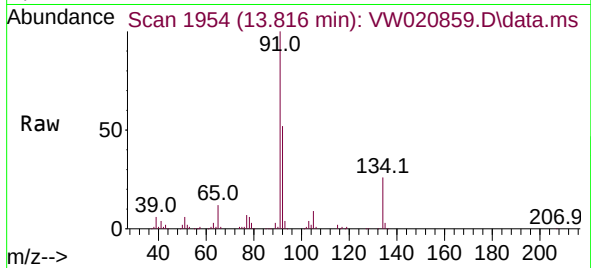




#89
n-Butylbenzene
Concen: 18.338 ug/l
RT: 13.816 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

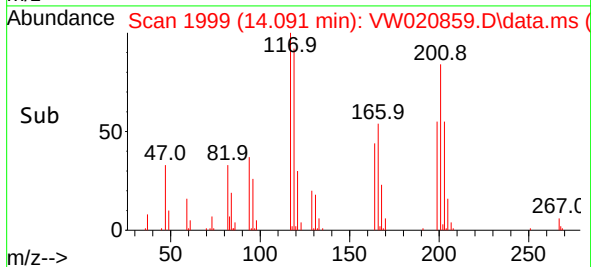
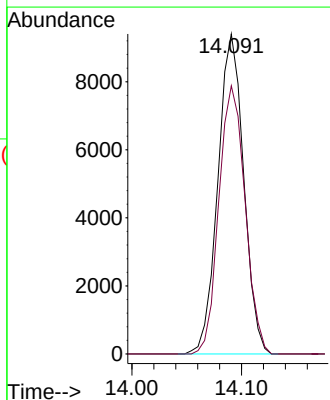
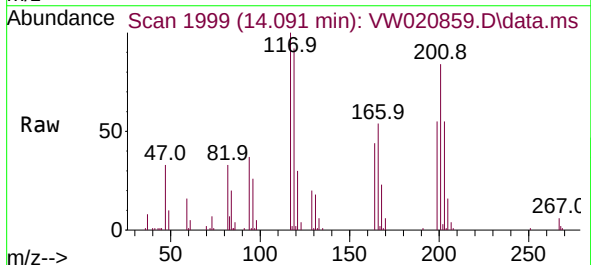
Instrument :
MSVOA_W
ClientSampleId :

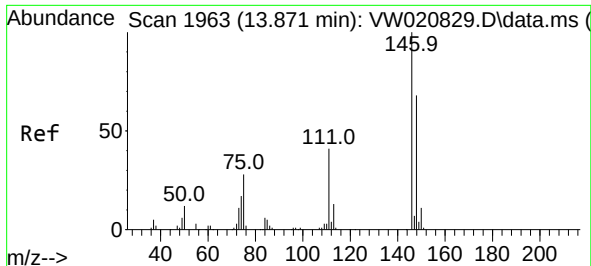
Tgt Ion: 91 Resp: 72527
Ion Ratio Lower Upper
91 100
92 53.1 27.1 81.2
134 27.5 13.4 40.1



#90
Hexachloroethane
Concen: 18.801 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020859.D
Acq: 12 Nov 2021 17:33

Tgt Ion: 117 Resp: 15358
Ion Ratio Lower Upper
117 100
201 85.1 42.4 127.3





#91

1,2-Dichlorobenzene

Concen: 20.566 ug/l

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020859.D

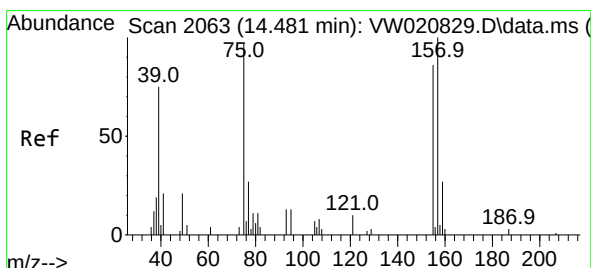
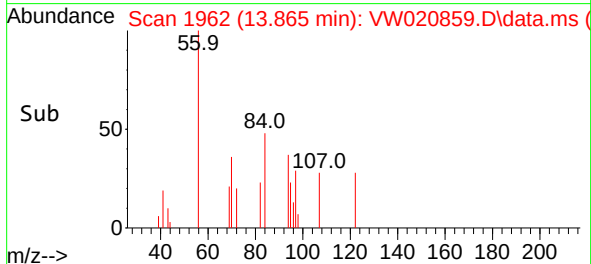
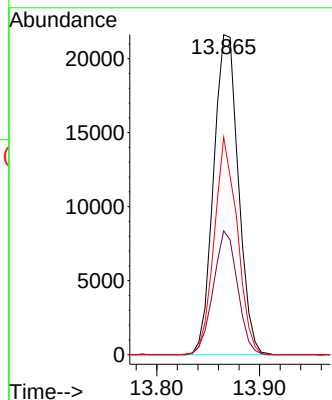
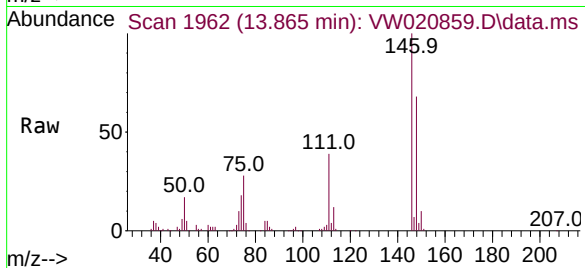
Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	146	Resp:	36131
Ion Ratio	Lower	Upper	
146	100		
111	37.8	20.4	61.3
148	63.1	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.459 ug/l

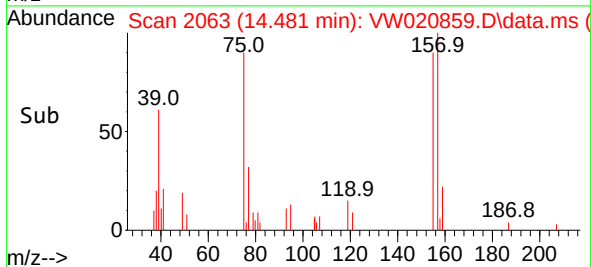
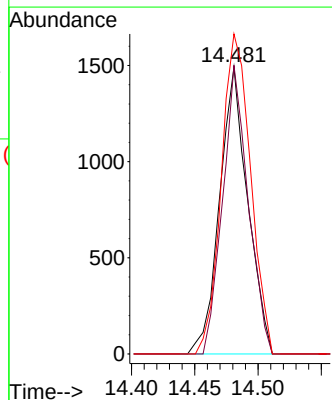
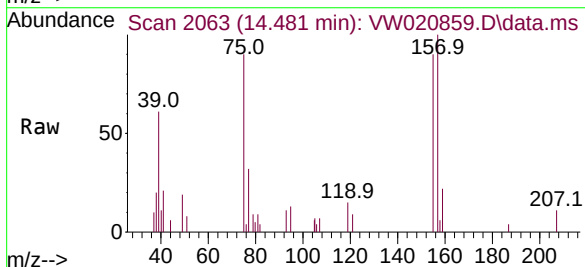
RT: 14.481 min Scan# 2063

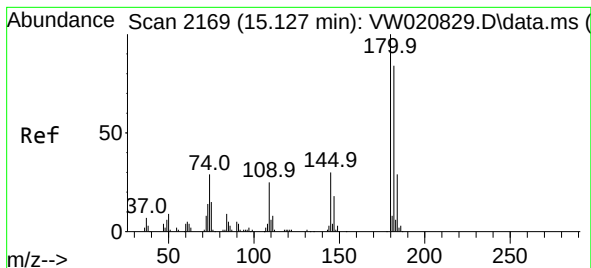
Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Tgt Ion:	75	Resp:	2296
Ion Ratio	Lower	Upper	
75	100		
155	91.7	42.5	127.6
157	116.3	53.4	160.2





#93

1,2,4-Trichlorobenzene

Concen: 20.314 ug/l

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

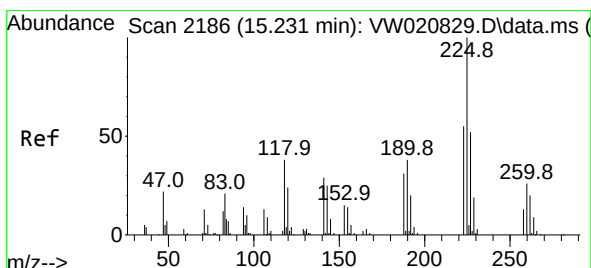
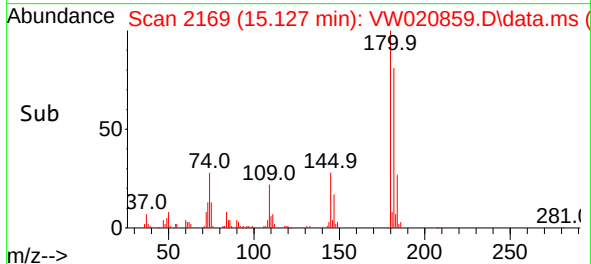
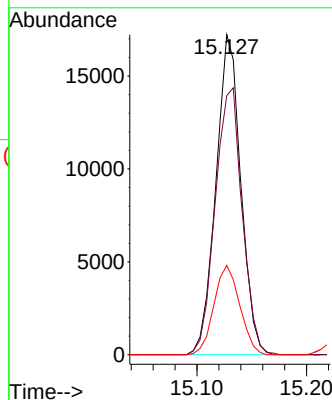
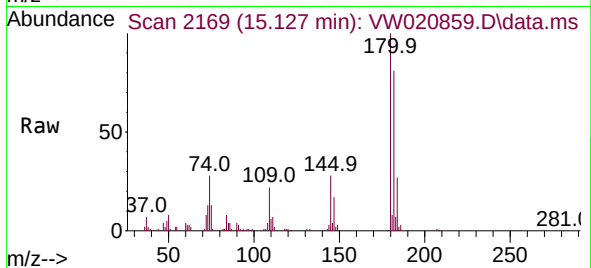
Tgt Ion:180 Resp: 27187

Ion Ratio Lower Upper

180 100

182 90.2 49.4 148.2

145 28.9 15.2 45.6



#94

Hexachlorobutadiene

Concen: 17.794 ug/l

RT: 15.231 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

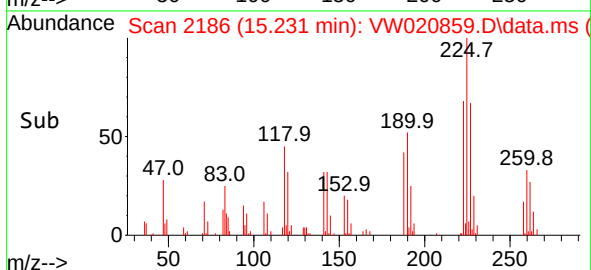
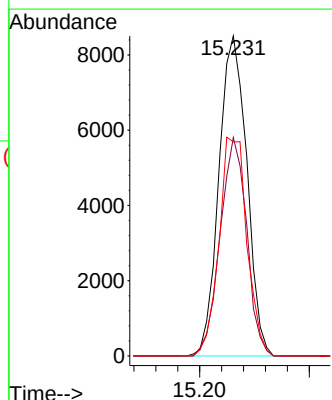
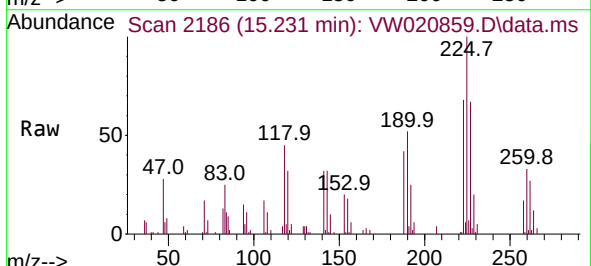
Tgt Ion:225 Resp: 15011

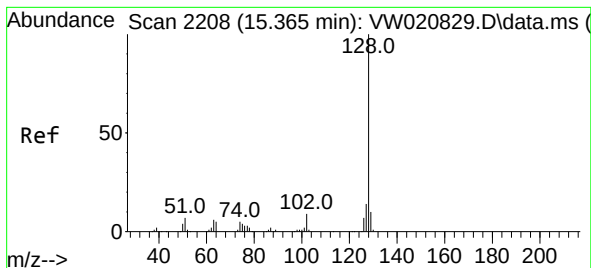
Ion Ratio Lower Upper

225 100

223 64.9 29.8 89.5

227 68.4 32.8 98.4





#95

Naphthalene

Concen: 16.197 ug/l

RT: 15.365 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VW020859.D

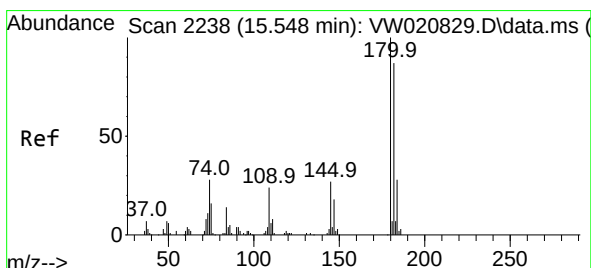
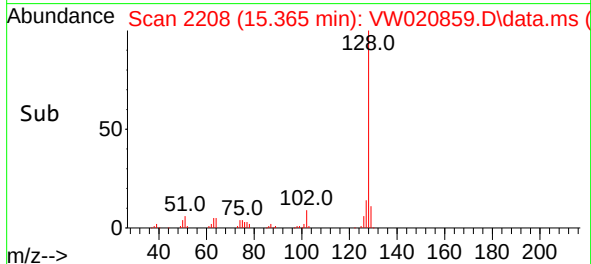
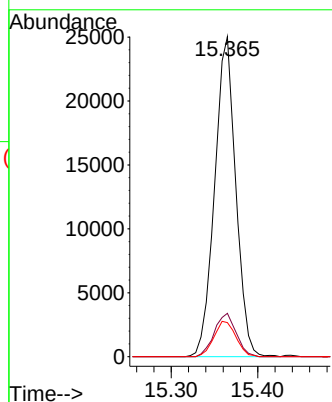
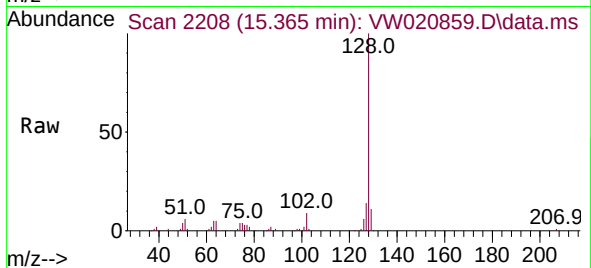
Acq: 12 Nov 2021 17:33

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	128	Resp:	42404
Ion Ratio	Lower	Upper	
128	100		
127	14.0	11.1	16.7
129	11.6	8.9	13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.175 ug/l

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW020859.D

Acq: 12 Nov 2021 17:33

Tgt Ion:	180	Resp:	22166
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.4	139.2
145	31.4	15.7	47.0

