

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110521\
 Data File : VW020760.D
 Acq On : 04 Nov 2021 14:02
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 04 15:41:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110521S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 04 15:39:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	113300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	170845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	152125	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	81112	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	23801	21.477	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.960%#
35) Dibromofluoromethane	7.885	113	21926	19.731	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.460%#
50) Toluene-d8	10.323	98	85752	21.701	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	43.400%#
62) 4-Bromofluorobenzene	12.615	95	32504	22.964	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	45.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	3898	13.853	ug/l	86
3) Chloromethane	2.215	50	14649	21.185	ug/l	94
4) Vinyl Chloride	2.355	62	17739	14.146	ug/l	99
5) Bromomethane	2.757	94	10802	10.502	ug/l	94
6) Chloroethane	2.916	64	6559	12.467	ug/l	98
7) Trichlorofluoromethane	3.251	101	8959	19.762	ug/l	91
8) Diethyl Ether	3.684	74	9088	20.463	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.062	101	18092	17.507	ug/l	98
10) Methyl Iodide	4.275	142	22763	17.042	ug/l	97
11) Tert butyl alcohol	5.172	59	6503	136.950	ug/l	# 88
12) 1,1-Dichloroethene	4.038	96	17441	17.990	ug/l	# 80
13) Acrolein	3.897	56	2550	152.813	ug/l	# 83
14) Allyl chloride	4.666	41	29893	32.255	ug/l	# 79
15) Acrylonitrile	5.367	53	20103	116.267	ug/l	97
16) Acetone	4.123	43	18757	109.110	ug/l	# 87
17) Carbon Disulfide	4.379	76	47470	19.102	ug/l	99
18) Methyl Acetate	4.672	43	15969	27.589	ug/l	# 80
19) Methyl tert-butyl Ether	5.422	73	27078	23.369	ug/l	93
20) Methylene Chloride	4.916	84	26778	19.721	ug/l	# 69
21) trans-1,2-Dichloroethene	5.422	96	18942	17.716	ug/l	# 81
22) Diisopropyl ether	6.312	45	59402	27.519	ug/l	# 90
23) Vinyl Acetate	6.251	43	158053	134.398	ug/l	# 86
24) 1,1-Dichloroethane	6.214	63	35462	20.836	ug/l	97
25) 2-Butanone	7.171	43	27633	126.975	ug/l	# 80
26) 2,2-Dichloropropane	7.165	77	22657	21.842	ug/l	93
27) cis-1,2-Dichloroethene	7.171	96	21248	18.004	ug/l	81
28) Bromochloromethane	7.513	49	16710	24.028	ug/l	# 67
29) Tetrahydrofuran	7.531	42	17557	136.599	ug/l	# 70
30) Chloroform	7.677	83	36161	17.762	ug/l	100
31) Cyclohexane	7.952	56	35930	23.019	ug/l	# 77
32) 1,1,1-Trichloroethane	7.872	97	30413	18.602	ug/l	95
36) 1,1-Dichloropropene	8.080	75	28029	19.736	ug/l	94
37) Ethyl Acetate	7.250	43	12073	25.671	ug/l	# 93
38) Carbon Tetrachloride	8.067	117	29247	19.339	ug/l	89
39) Methylcyclohexane	9.335	83	35727	20.651	ug/l	# 83
40) Benzene	8.323	78	77136	18.917	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	7744	31.804	ug/l #	78
42) 1,2-Dichloroethane	8.403	62	23682	20.243	ug/l	96
43) Isopropyl Acetate	8.421	43	24785	26.999	ug/l #	87
44) Trichloroethene	9.092	130	21579	17.489	ug/l	97
45) 1,2-Dichloropropane	9.372	63	19350	21.436	ug/l	99
46) Dibromomethane	9.457	93	10315	17.087	ug/l	99
47) Bromodichloromethane	9.646	83	27624	19.218	ug/l	99
48) Methyl methacrylate	9.433	41	11111	26.235	ug/l #	79
49) 1,4-Dioxane	9.445	88	2677	378.852	ug/l #	71
51) 4-Methyl-2-Pentanone	10.207	43	62896	132.730	ug/l #	85
52) Toluene	10.390	92	50440	19.099	ug/l	93
53) t-1,3-Dichloropropene	10.610	75	28312	20.997	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	32001	20.720	ug/l #	77
55) 1,1,2-Trichloroethane	10.786	97	14281	17.338	ug/l	96
56) Ethyl methacrylate	10.646	69	19993	21.820	ug/l #	76
57) 1,3-Dichloropropane	10.933	76	25188	18.964	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.921	63	50121	126.519	ug/l	90
59) 2-Hexanone	10.969	43	44833	133.923	ug/l	83
60) Dibromochloromethane	11.128	129	19046	18.384	ug/l	97
61) 1,2-Dibromoethane	11.238	107	14386	17.630	ug/l	100
64) Tetrachloroethene	10.866	164	19018	18.655	ug/l	93
65) Chlorobenzene	11.658	112	53405	18.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	20096	18.586	ug/l	98
67) Ethyl Benzene	11.731	91	98044	19.786	ug/l	97
68) m/p-Xylenes	11.835	106	76986	38.714	ug/l	95
69) o-Xylene	12.164	106	36888	19.775	ug/l	95
70) Styrene	12.183	104	61589	19.715	ug/l	93
71) Bromoform	12.353	173	11526	18.862	ug/l #	98
73) Isopropylbenzene	12.463	105	102015	20.382	ug/l	98
74) N-amyl acetate	12.274	43	25849	29.847	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.713	83	16999	18.620	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	13966m	21.365	ug/l	
77) Bromobenzene	12.750	156	22708	18.296	ug/l	86
78) n-propylbenzene	12.804	91	119675	19.728	ug/l	99
79) 2-Chlorotoluene	12.890	91	68896	20.019	ug/l	96
80) 1,3,5-Trimethylbenzene	12.945	105	86014	20.012	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	5941	22.037	ug/l	87
82) 4-Chlorotoluene	12.987	91	71774	19.982	ug/l	99
83) tert-Butylbenzene	13.201	119	75861	20.232	ug/l	95
84) 1,2,4-Trimethylbenzene	13.249	105	85773	20.306	ug/l	99
85) sec-Butylbenzene	13.384	105	110939	19.564	ug/l	99
86) p-Isopropyltoluene	13.499	119	95004	19.956	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	46781	18.112	ug/l	95
88) 1,4-Dichlorobenzene	13.579	146	47315	18.323	ug/l	98
89) n-Butylbenzene	13.823	91	89873	20.111	ug/l	99
90) Hexachloroethane	14.091	117	18938	20.096	ug/l	90
91) 1,2-Dichlorobenzene	13.865	146	40648	17.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3169	22.908	ug/l	82
93) 1,2,4-Trichlorobenzene	15.127	180	28786	19.700	ug/l	96
94) Hexachlorobutadiene	15.231	225	18906	22.786	ug/l	94
95) Naphthalene	15.365	128	51699	20.248	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	25171	20.124	ug/l	99

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Response via : Initial Calibration

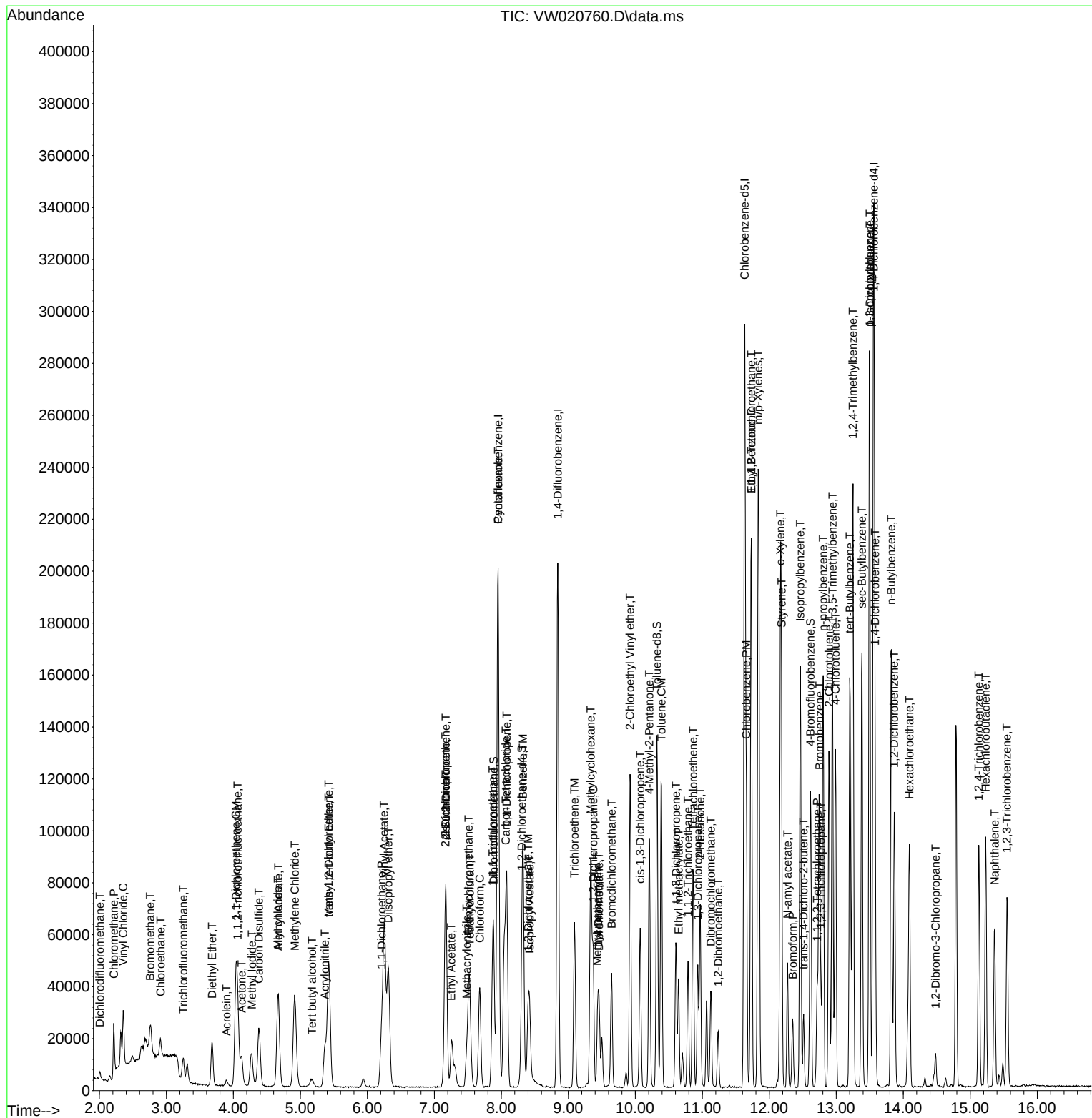
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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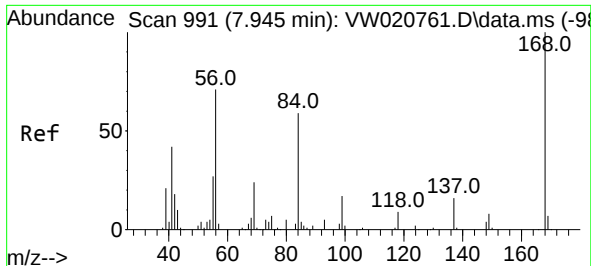
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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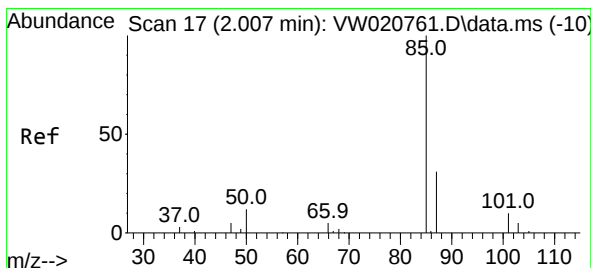
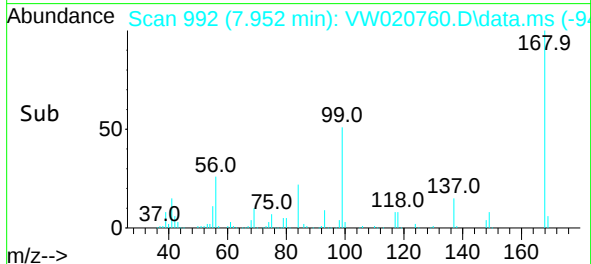
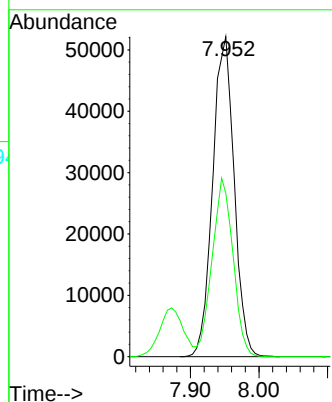
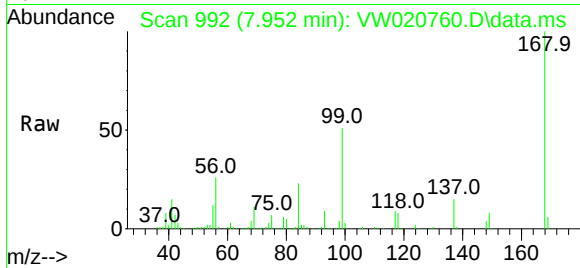




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.007 min
Lab File: VW020760.D
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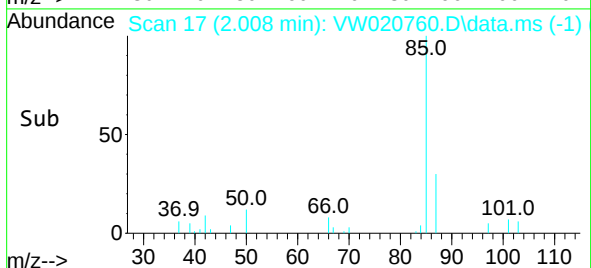
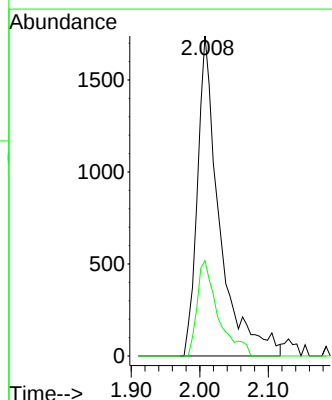
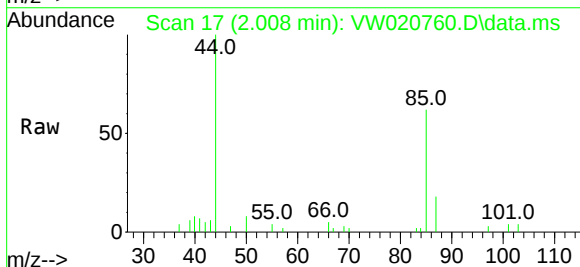
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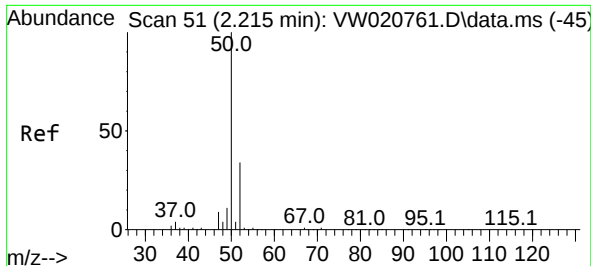
Tgt Ion:168 Resp: 113300
Ion Ratio Lower Upper
168 100
99 51.1 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 13.853 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 85 Resp: 3898
Ion Ratio Lower Upper
85 100
87 29.8 19.1 57.5

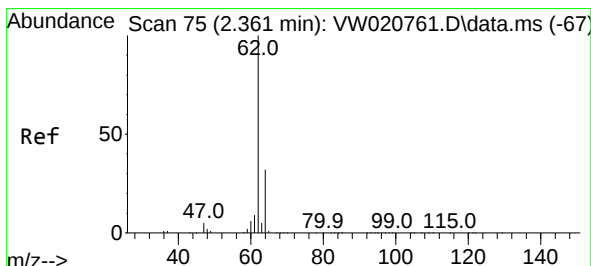
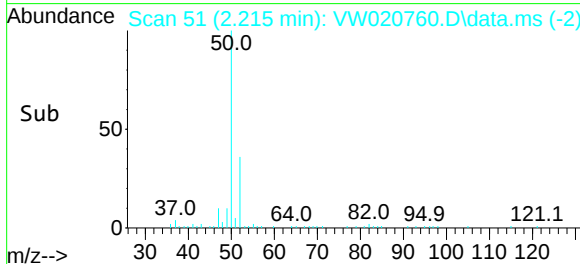
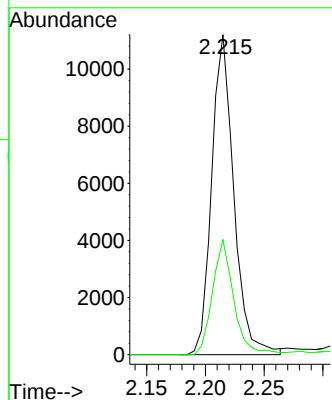
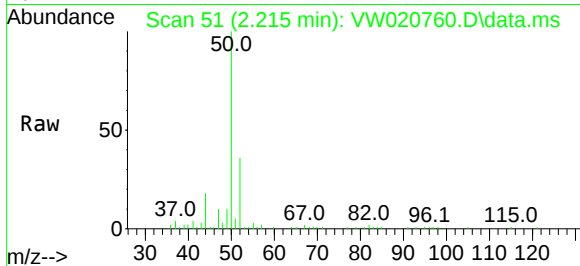




#3
Chloromethane
Concen: 21.185 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

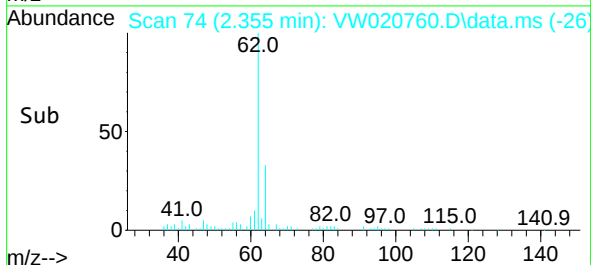
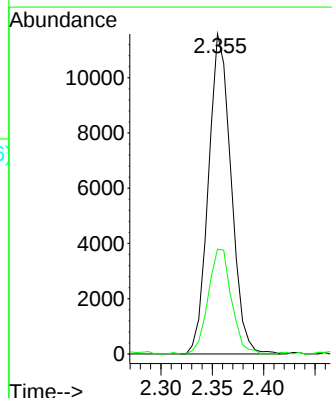
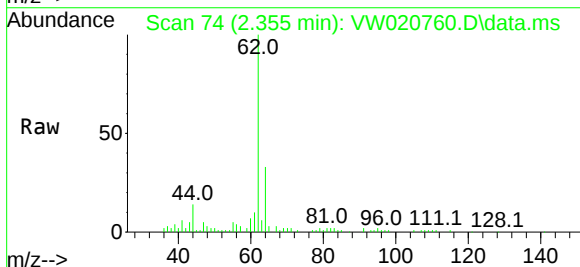
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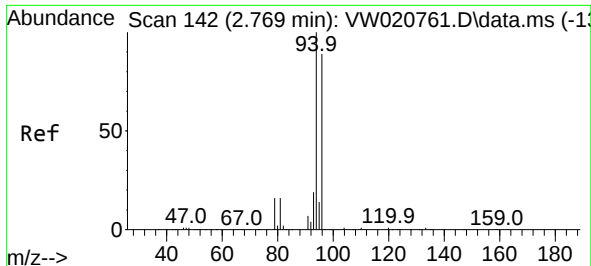
Tgt Ion: 50 Resp: 14649
Ion Ratio Lower Upper
50 100
52 35.9 25.9 38.9



#4
Vinyl Chloride
Concen: 14.146 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 62 Resp: 17739
Ion Ratio Lower Upper
62 100
64 32.8 26.7 40.1

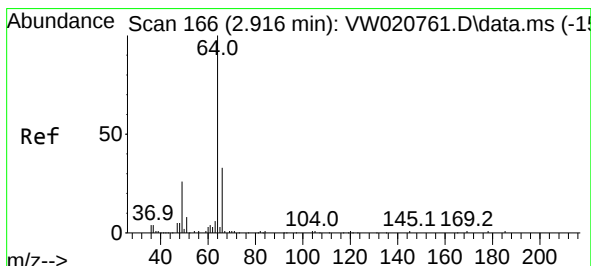
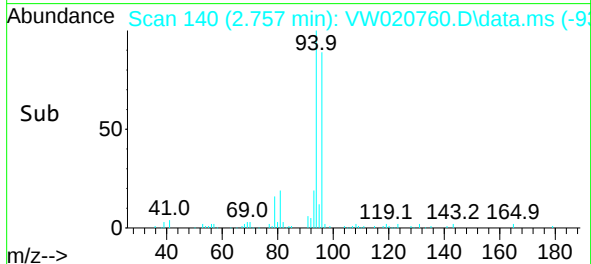
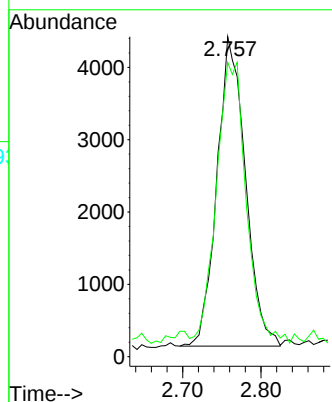
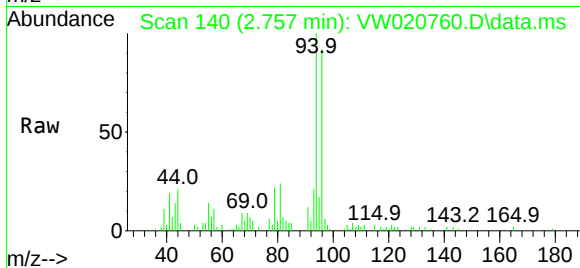




#5
Bromomethane
Concen: 10.502 ug/l
RT: 2.757 min Scan# 142
Delta R.T. -0.012 min
Lab File: VW020760.D
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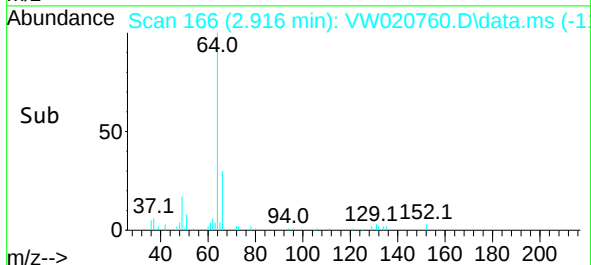
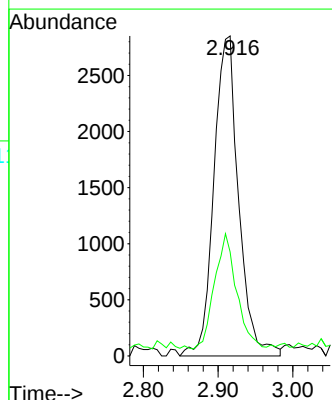
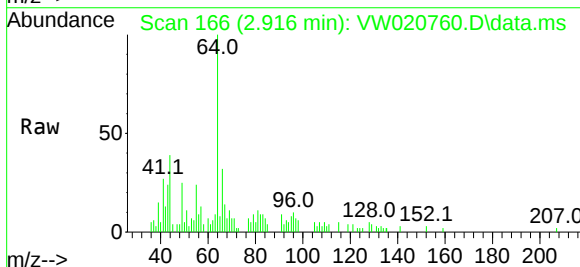
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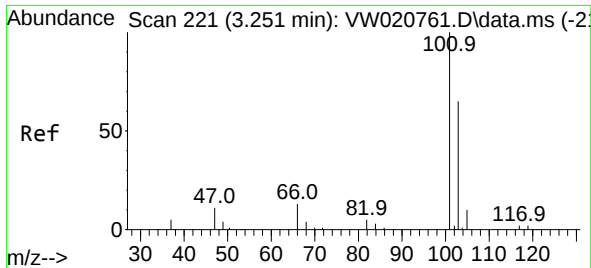
Tgt Ion: 94 Resp: 10802
Ion Ratio Lower Upper
94 100
96 89.0 66.7 100.1



#6
Chloroethane
Concen: 12.467 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 64 Resp: 6559
Ion Ratio Lower Upper
64 100
66 30.1 25.1 37.7

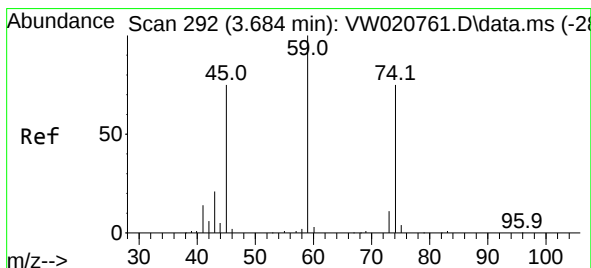
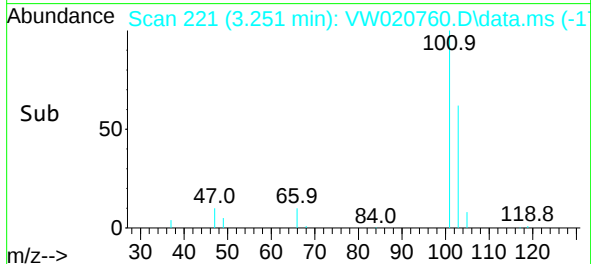
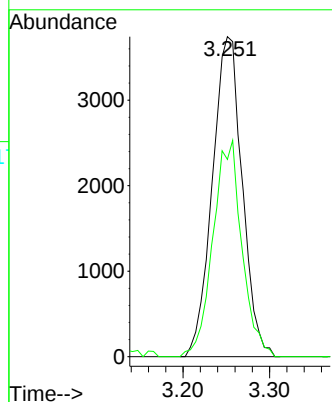
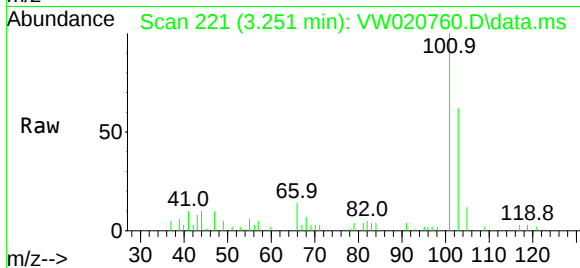




#7
 Trichlorofluoromethane
 Concen: 19.762 ug/l
 RT: 3.251 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

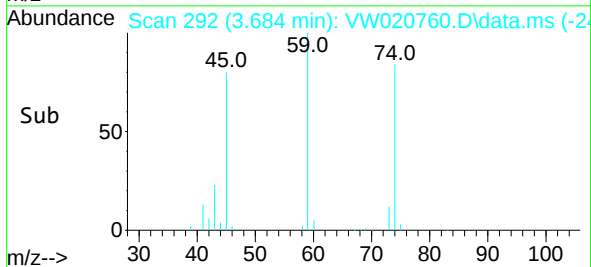
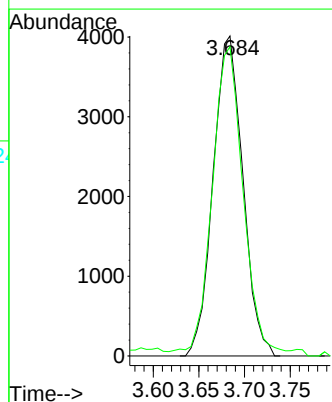
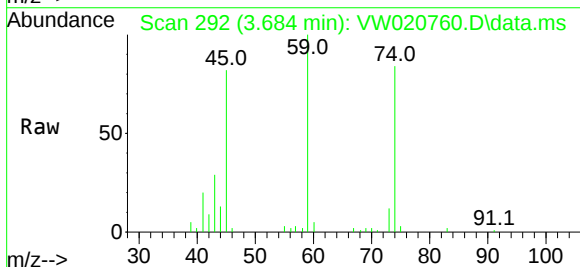
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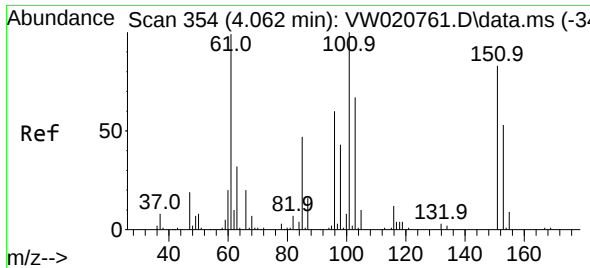
Tgt Ion:101 Resp: 8959
 Ion Ratio Lower Upper
 101 100
 103 61.7 43.9 65.9



#8
 Diethyl Ether
 Concen: 20.463 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VW020760.D
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Tgt Ion: 74 Resp: 9088
 Ion Ratio Lower Upper
 74 100
 45 96.0 34.3 102.8

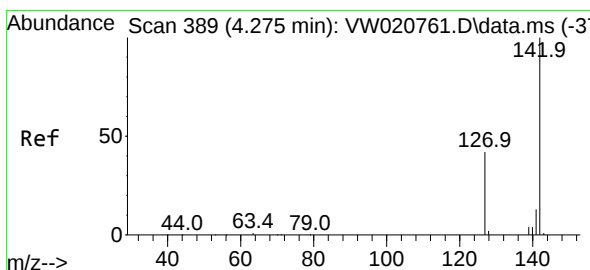
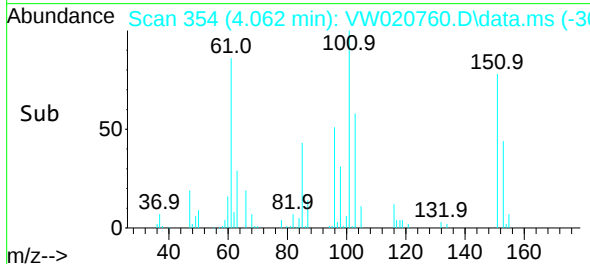
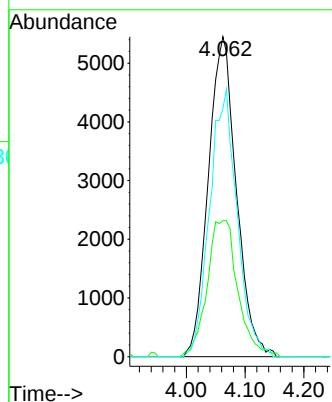
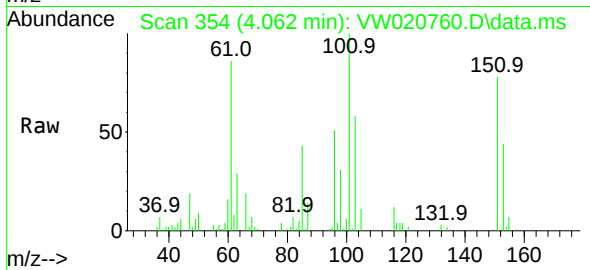




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.507 ug/l
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

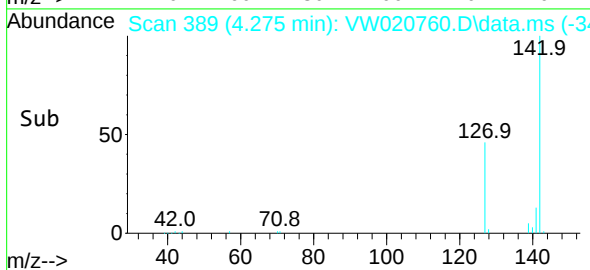
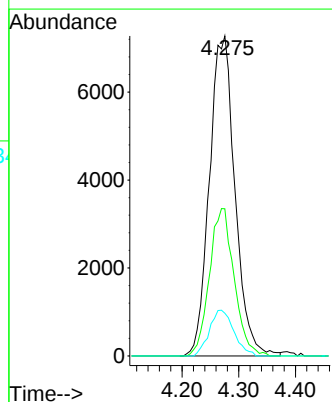
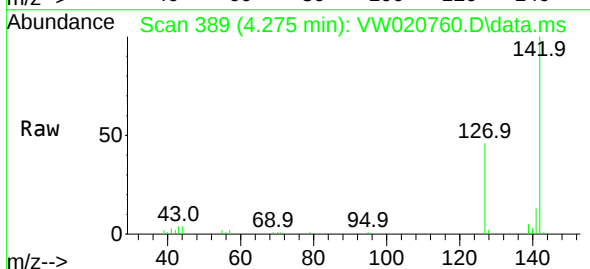
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

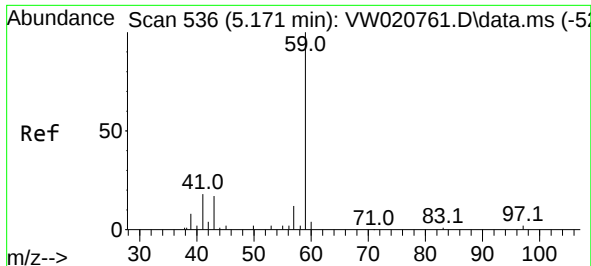
Tgt Ion:101 Resp: 18092
 Ion Ratio Lower Upper
 101 100
 85 46.6 35.2 52.8
 151 81.7 65.0 97.4



#10
 Methyl Iodide
 Concen: 17.042 ug/l
 RT: 4.275 min Scan# 389
 Delta R.T. 0.000 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

Tgt Ion:142 Resp: 22763
 Ion Ratio Lower Upper
 142 100
 127 44.5 34.3 51.5
 141 13.7 12.2 18.2

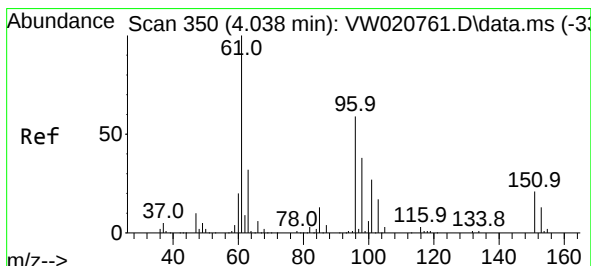
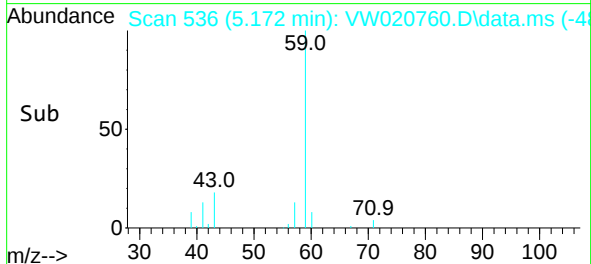
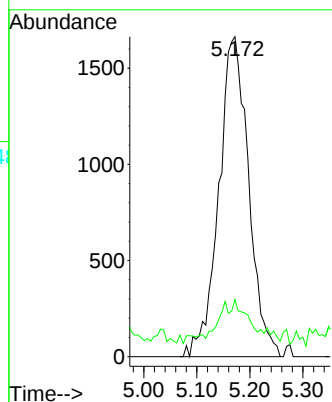
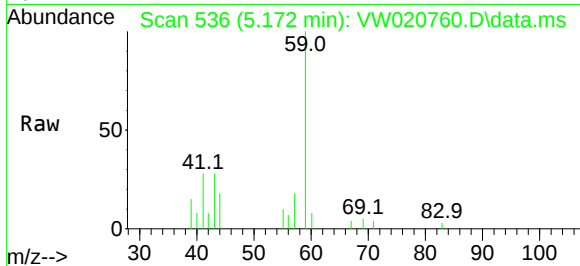




#11
Tert butyl alcohol
Concen: 136.950 ug/l
RT: 5.172 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

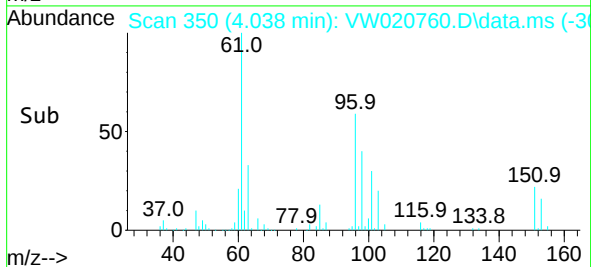
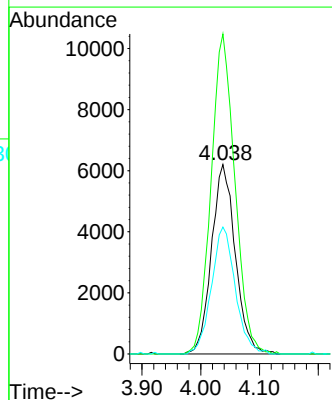
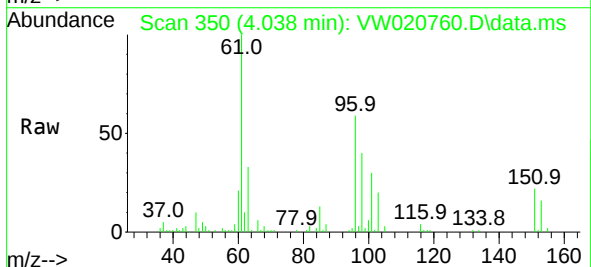
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

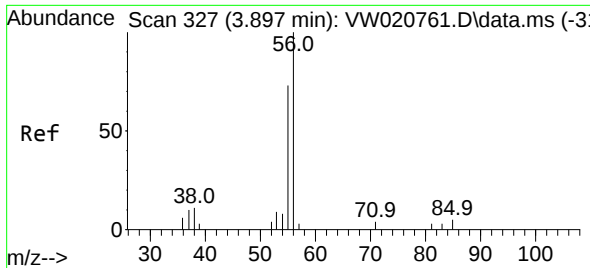
Tgt Ion: 59 Resp: 6503
Ion Ratio Lower Upper
59 100
57 3.9 6.5 9.7#



#12
1,1-Dichloroethene
Concen: 17.990 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 96 Resp: 17441
Ion Ratio Lower Upper
96 100
61 168.8 108.1 162.1#
98 66.9 55.4 83.2

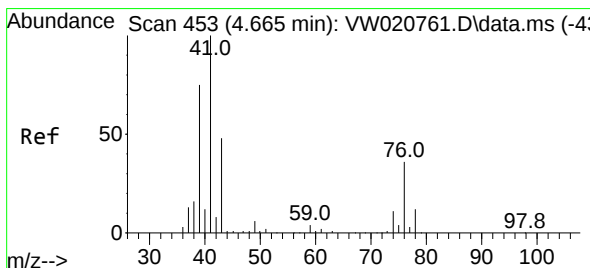
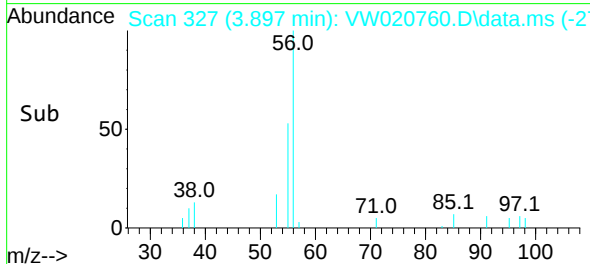
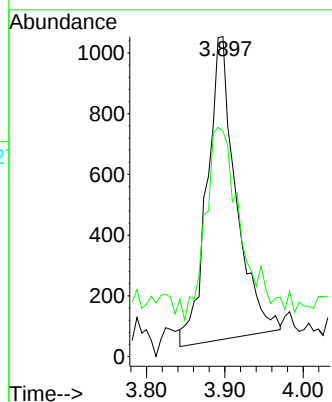
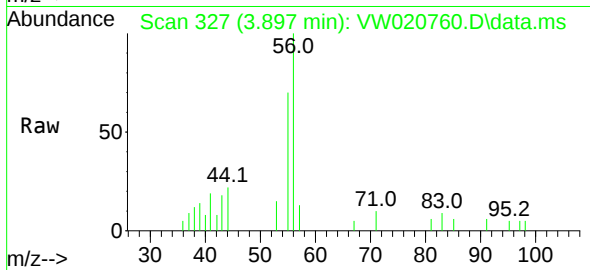




#13
Acrolein
Concen: 152.813 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

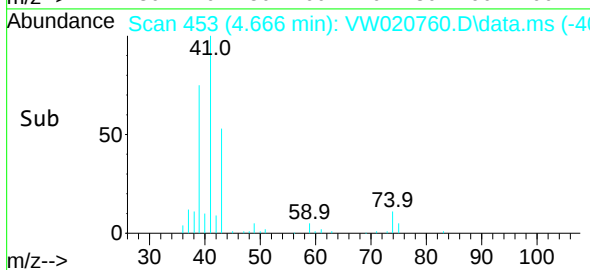
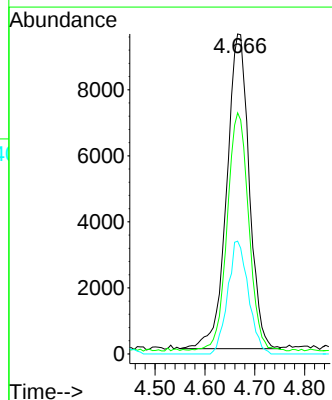
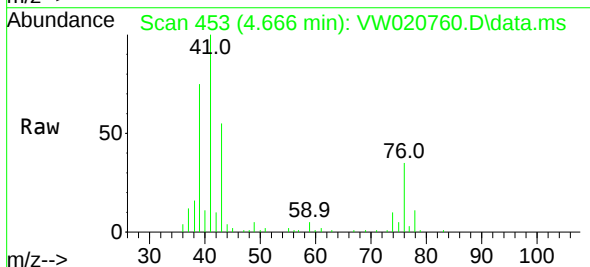
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

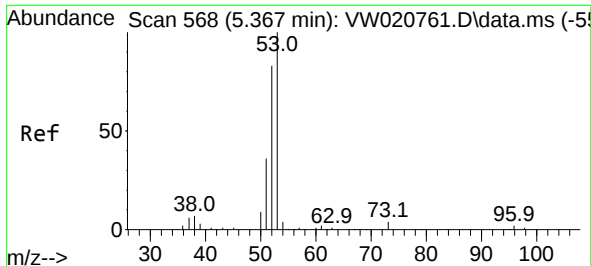
Tgt Ion: 56 Resp: 2550
Ion Ratio Lower Upper
56 100
55 78.9 52.5 78.7#



#14
Allyl chloride
Concen: 32.255 ug/l
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 41 Resp: 29893
Ion Ratio Lower Upper
41 100
39 72.4 67.3 100.9
76 32.9 45.8 68.8#

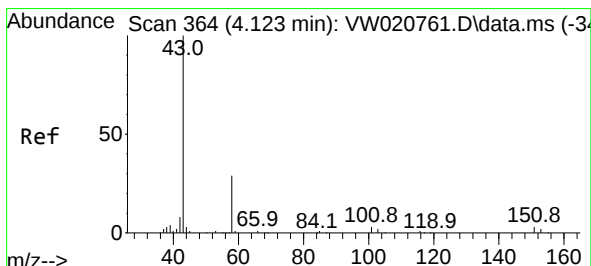
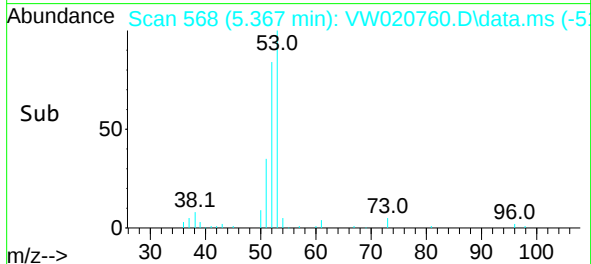
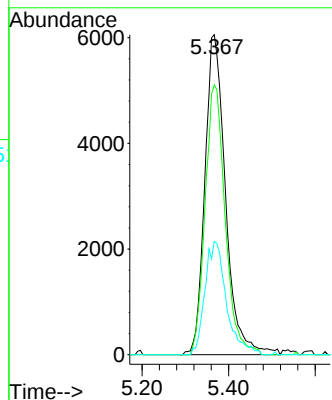
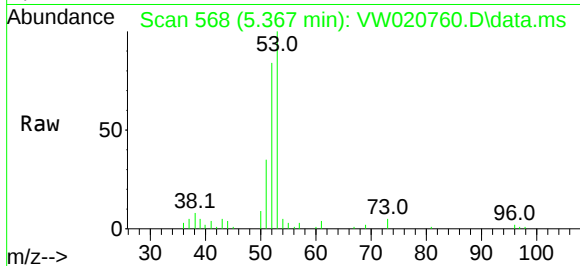




#15
Acrylonitrile
Concen: 116.267 ug/l
RT: 5.367 min Scan# 501
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

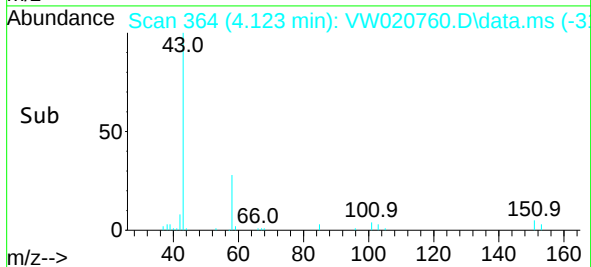
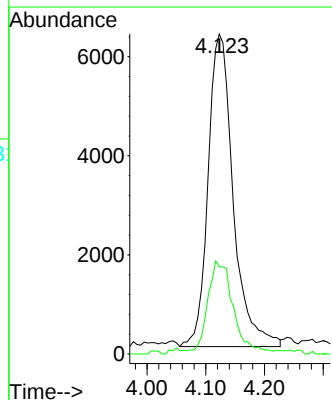
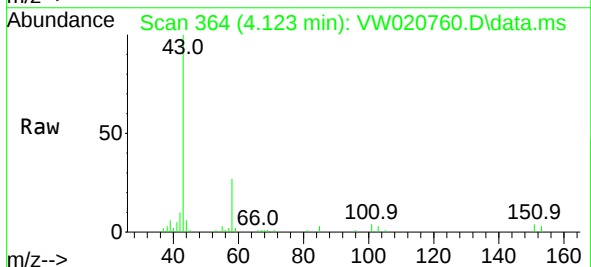
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

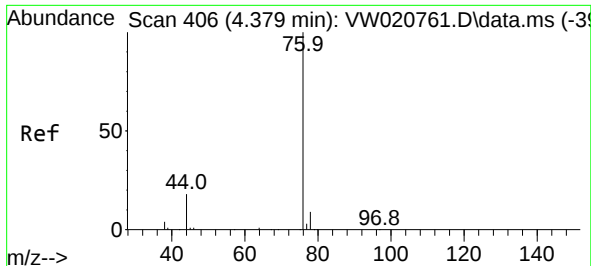
Tgt Ion:	53	Resp:	20103
Ion	Ratio	Lower	Upper
53	100		
52	81.8	63.7	95.5
51	36.8	27.5	41.3



#16
Acetone
Concen: 109.110 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion:	43	Resp:	18757
Ion	Ratio	Lower	Upper
43	100		
58	27.0	27.8	41.6#

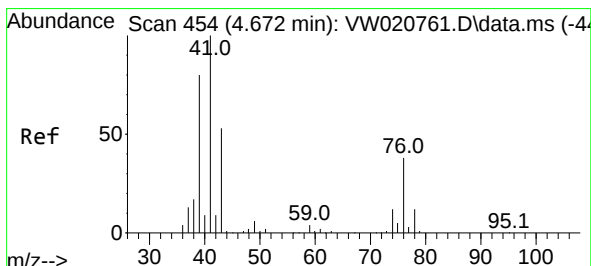
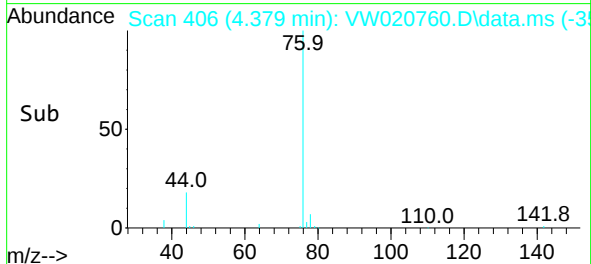
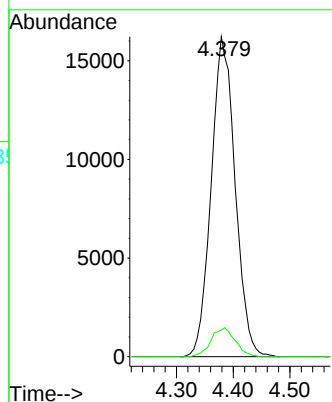
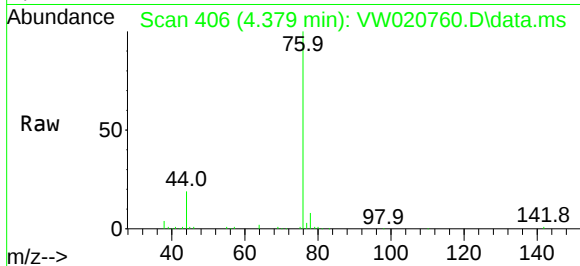




#17
Carbon Disulfide
Concen: 19.102 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

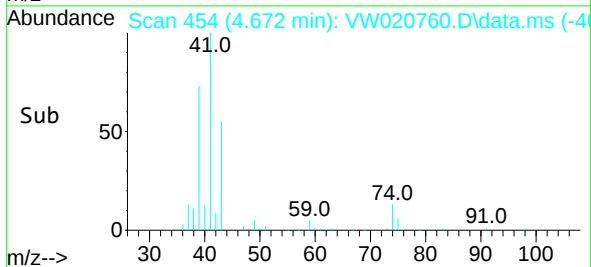
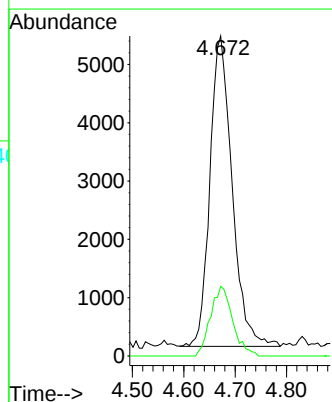
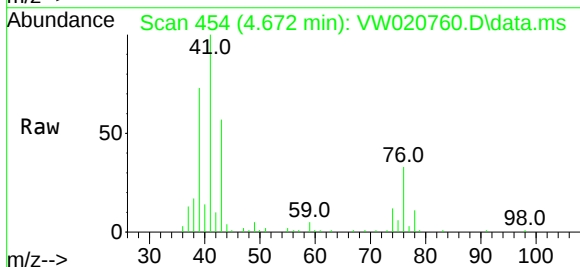
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

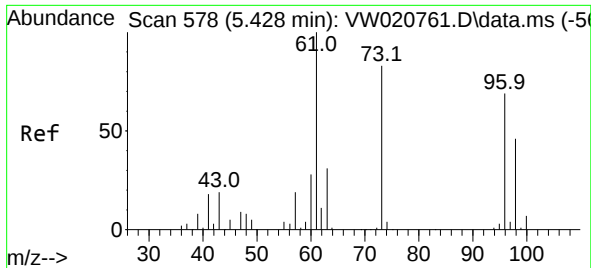
Tgt Ion: 76 Resp: 47470
Ion Ratio Lower Upper
76 100
78 8.4 6.4 9.6



#18
Methyl Acetate
Concen: 27.589 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 43 Resp: 15969
Ion Ratio Lower Upper
43 100
74 22.3 27.0 40.6#

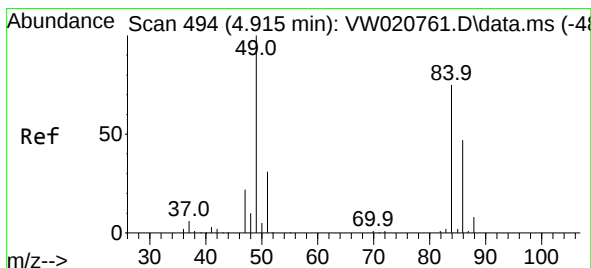
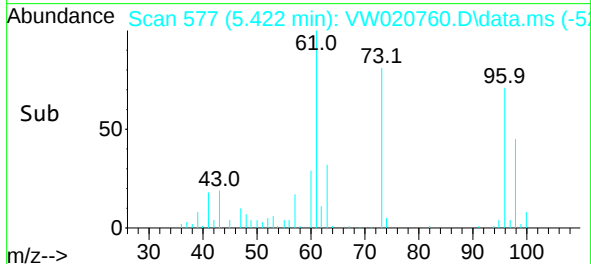
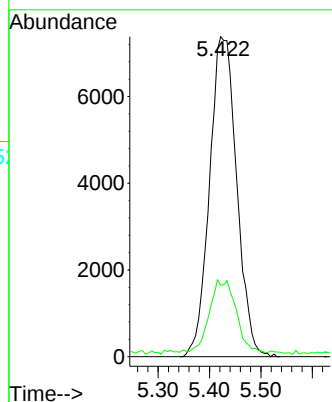
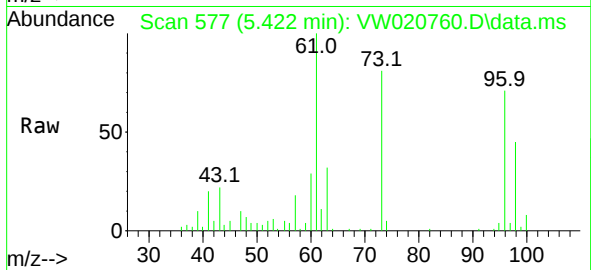




#19
Methyl tert-butyl Ether
Concen: 23.369 ug/l
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

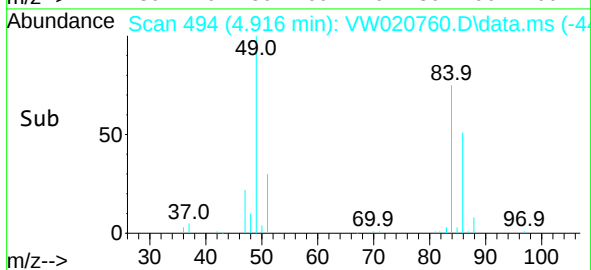
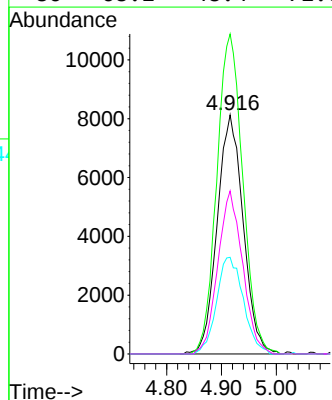
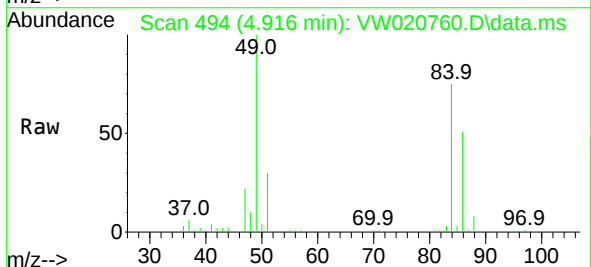
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

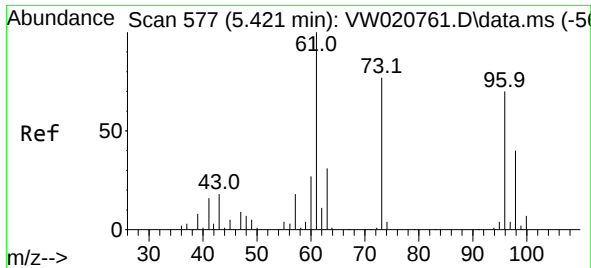
Tgt Ion: 73 Resp: 27078
Ion Ratio Lower Upper
73 100
57 20.9 14.4 21.6



#20
Methylene Chloride
Concen: 19.721 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

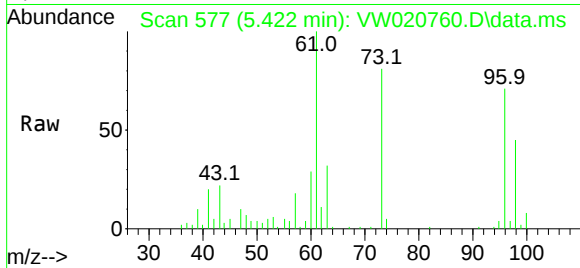
Tgt Ion: 84 Resp: 26778
Ion Ratio Lower Upper
84 100
49 133.8 72.6 108.8#
51 40.4 19.7 29.5#
86 68.2 48.4 72.6



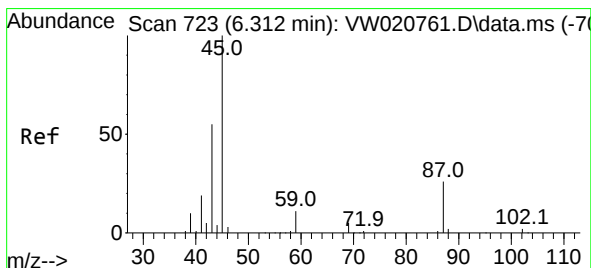
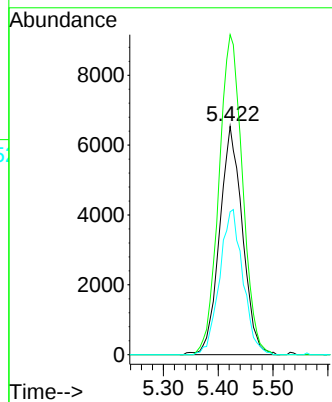
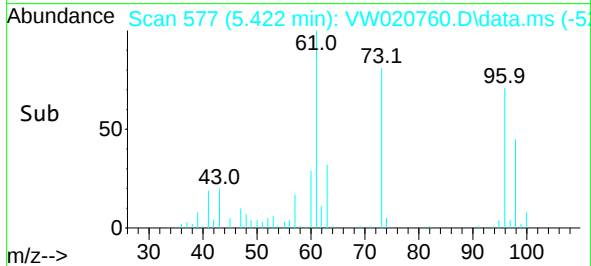


#21
trans-1,2-Dichloroethene
Concen: 17.716 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

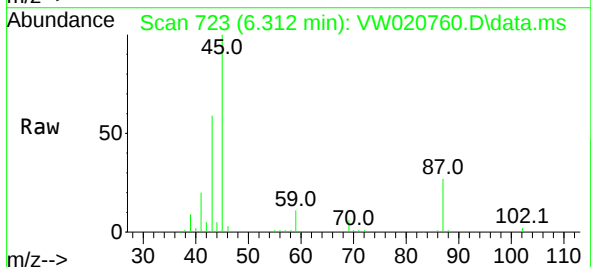
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020



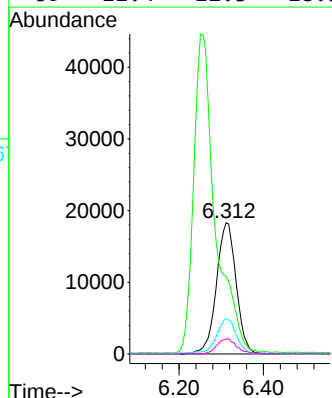
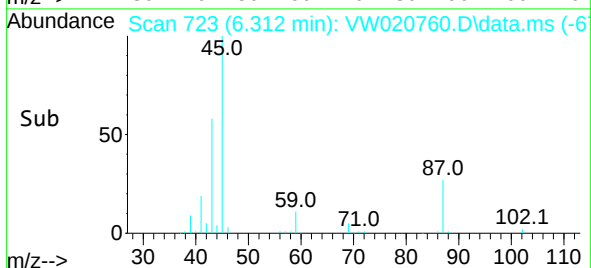
Tgt Ion: 96 Resp: 18942
Ion Ratio Lower Upper
96 100
61 140.1 87.2 130.8#
98 62.6 50.9 76.3

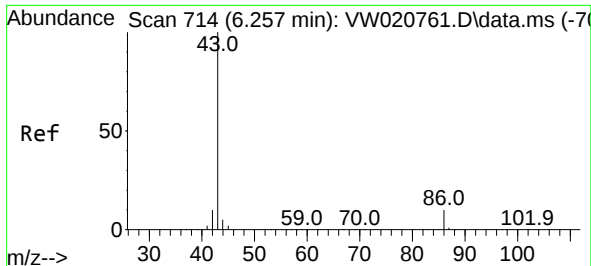


#22
Diisopropyl ether
Concen: 27.519 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02



Tgt Ion: 45 Resp: 59402
Ion Ratio Lower Upper
45 100
43 57.5 44.3 66.5
87 26.8 31.4 47.0#
59 11.4 12.3 18.5#

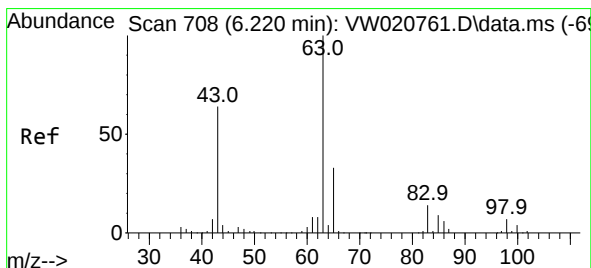
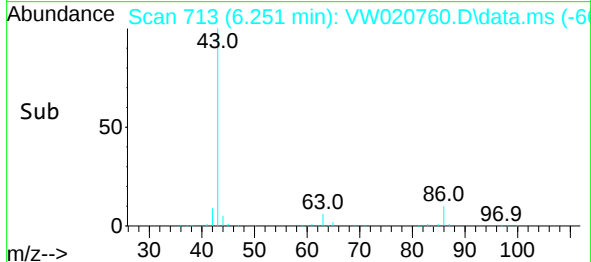
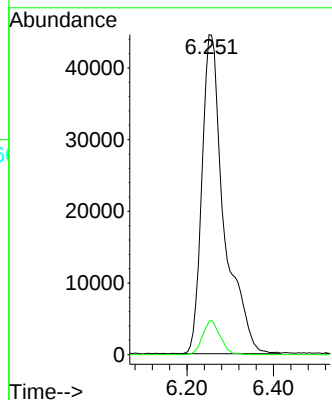
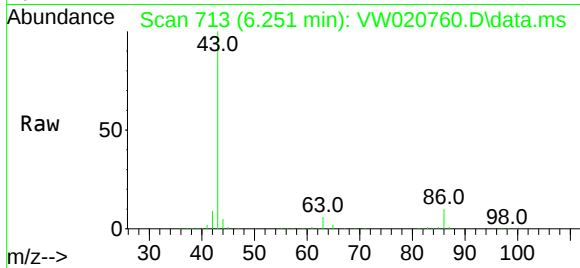




#23
 Vinyl Acetate
 Concen: 134.398 ug/l
 RT: 6.251 min Scan# 713
 Delta R.T. -0.006 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

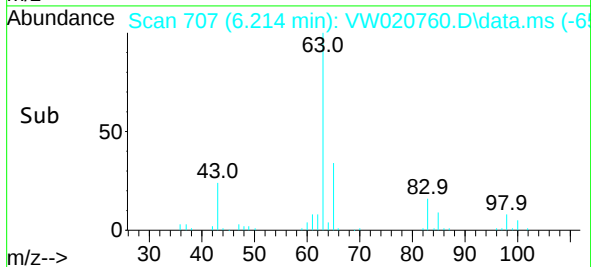
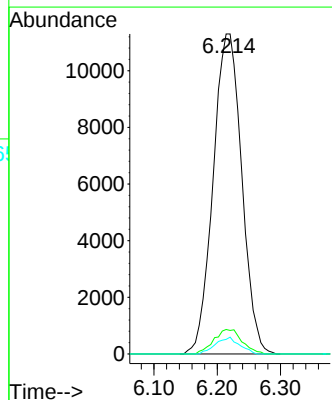
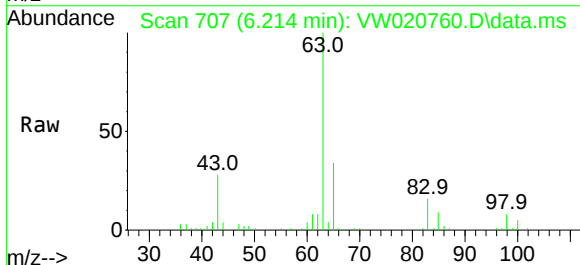
Instrument :
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 VSTDIC020

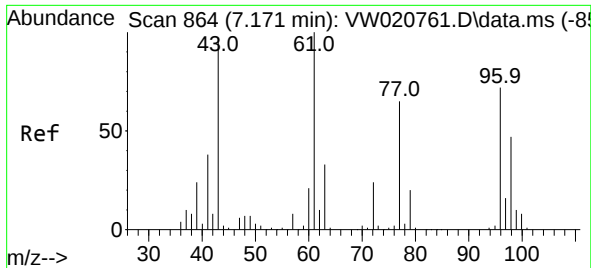
Tgt Ion: 43 Resp: 158053
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.4#



#24
 1,1-Dichloroethane
 Concen: 20.836 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

Tgt Ion: 63 Resp: 35462
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.4 13.2
 100 4.5 2.1 6.2

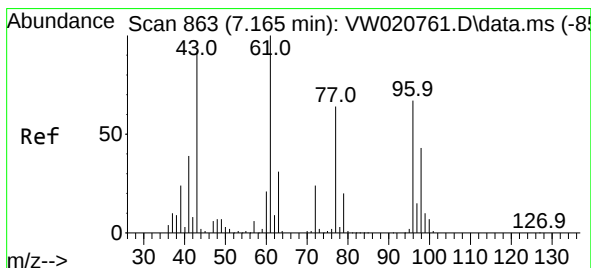
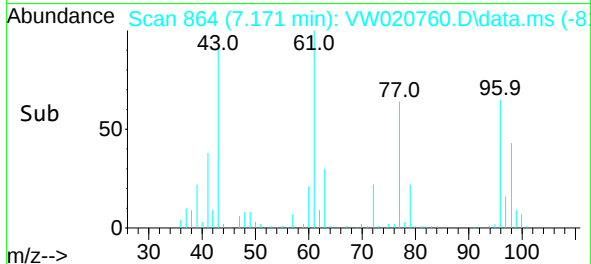
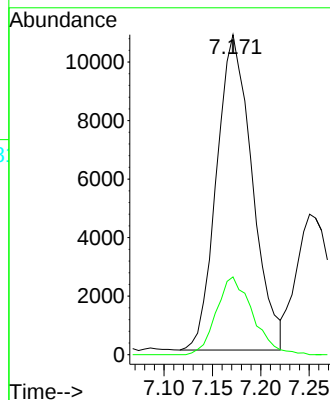
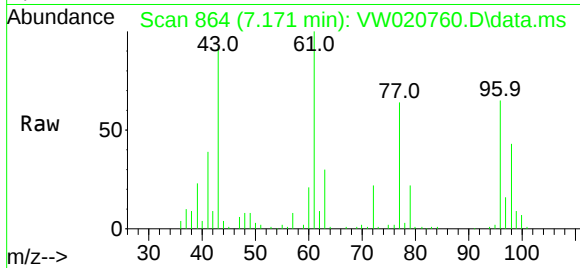




#25
2-Butanone
Concen: 126.975 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

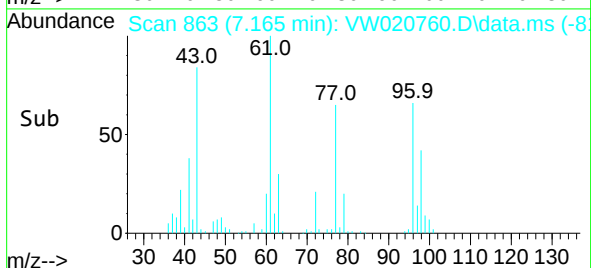
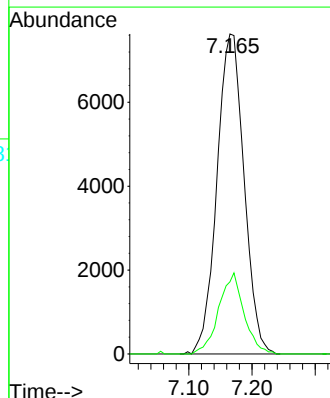
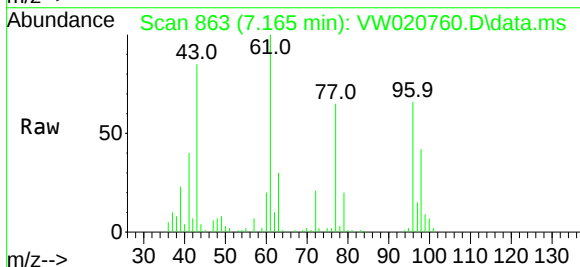
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

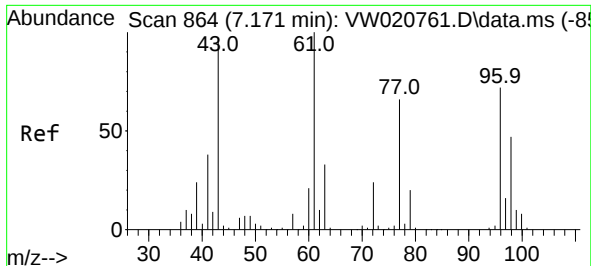
Tgt Ion: 43 Resp: 27633
Ion Ratio Lower Upper
43 100
72 24.7 29.3 43.9#



#26
2,2-Dichloropropane
Concen: 21.842 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 77 Resp: 22657
Ion Ratio Lower Upper
77 100
97 23.6 13.5 40.5





#27

cis-1,2-Dichloroethene

Concen: 18.004 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

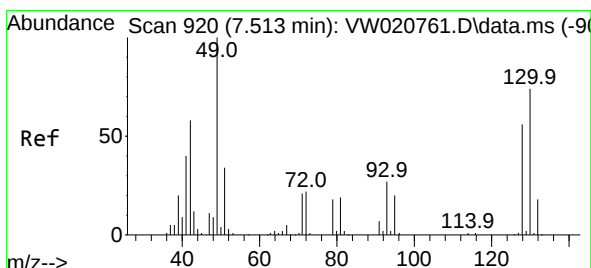
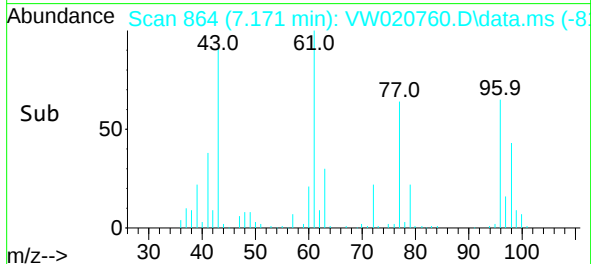
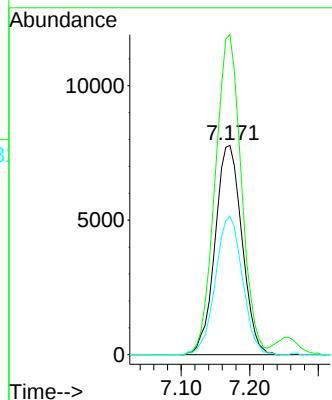
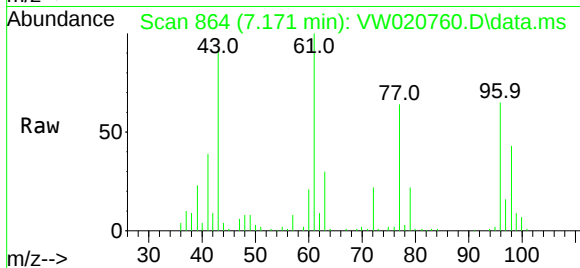
Tgt Ion: 96 Resp: 21248

Ion Ratio Lower Upper

96 100

61 148.5 0.0 234.8

98 66.4 0.0 135.4



#28

Bromochloromethane

Concen: 24.028 ug/l

RT: 7.513 min Scan# 920

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

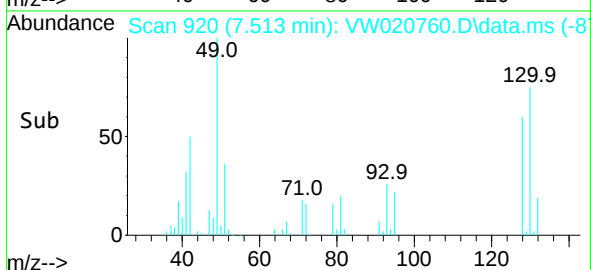
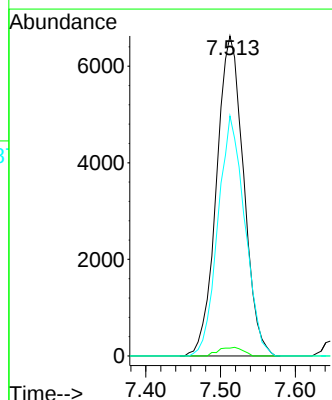
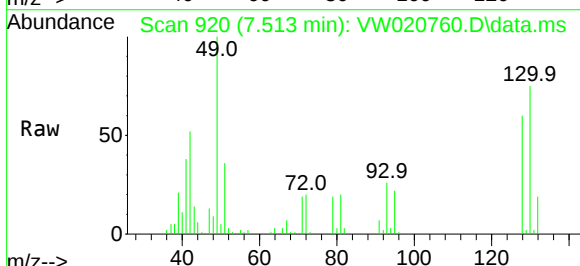
Tgt Ion: 49 Resp: 16710

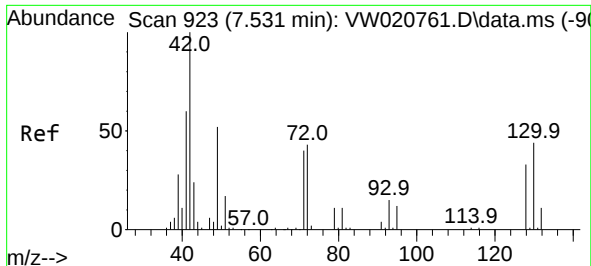
Ion Ratio Lower Upper

49 100

129 2.4 0.0 7.6

130 74.5 88.2 132.2#





#29

Tetrahydrofuran

Concen: 136.599 ug/l

RT: 7.531 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

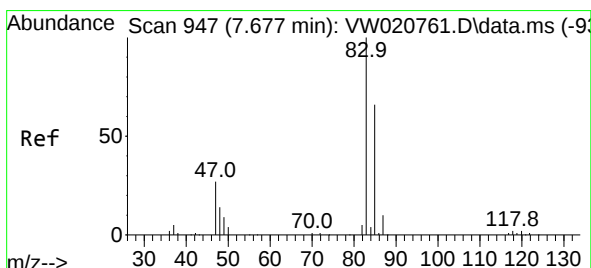
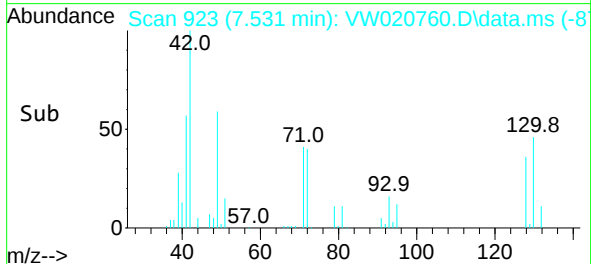
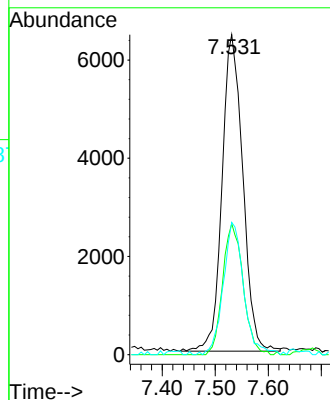
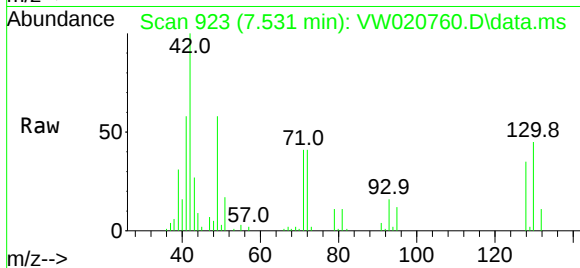
Tgt Ion: 42 Resp: 17557

Ion Ratio Lower Upper

42 100

72 40.5 53.0 79.4#

71 41.1 49.4 74.2#



#30

Chloroform

Concen: 17.762 ug/l

RT: 7.677 min Scan# 947

Delta R.T. 0.000 min

Lab File: VW020760.D

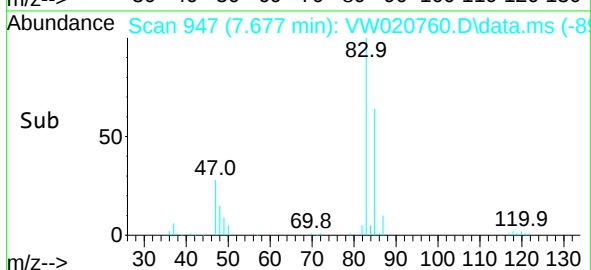
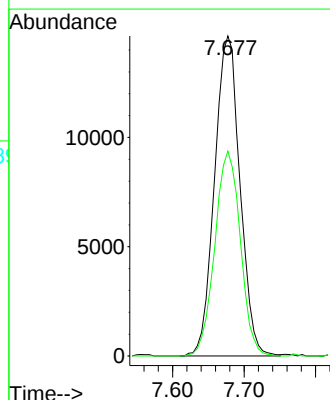
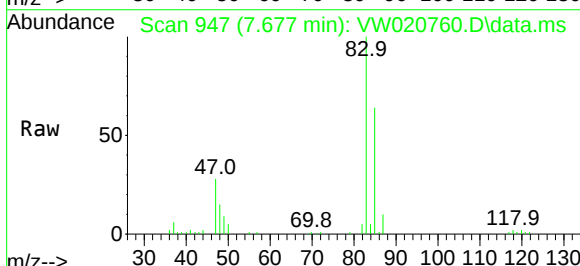
Acq: 04 Nov 2021 14:02

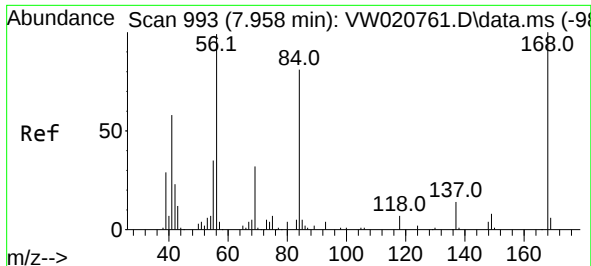
Tgt Ion: 83 Resp: 36161

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

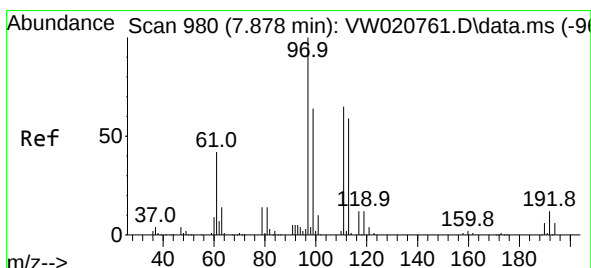
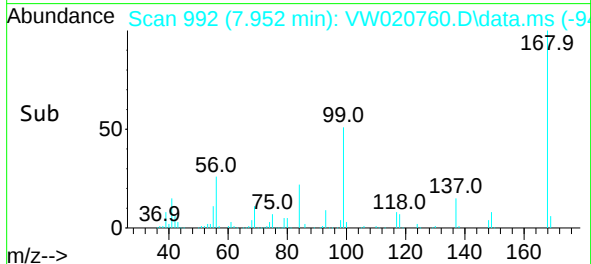
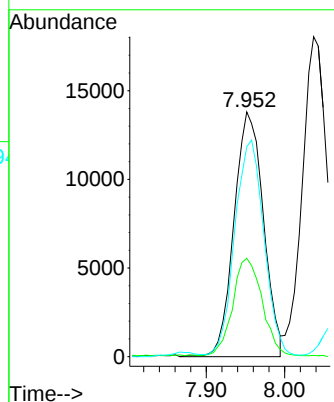
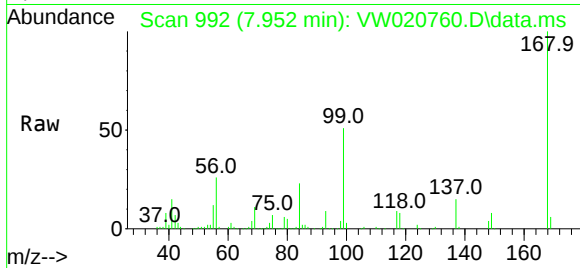




#31
Cyclohexane
Concen: 23.019 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

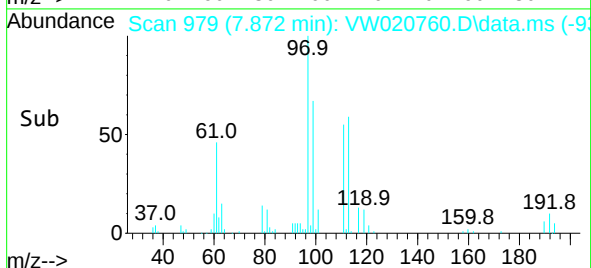
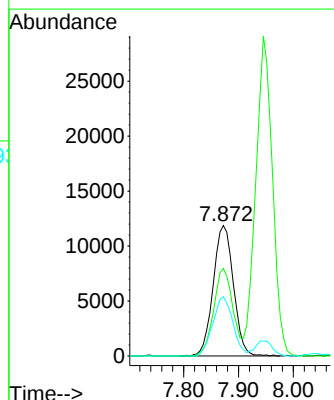
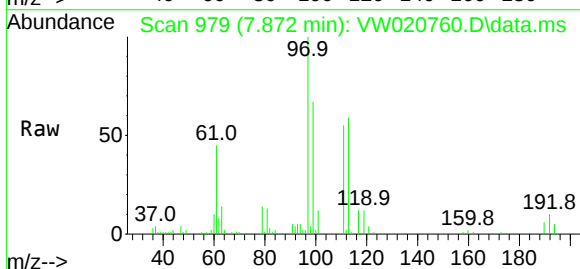
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

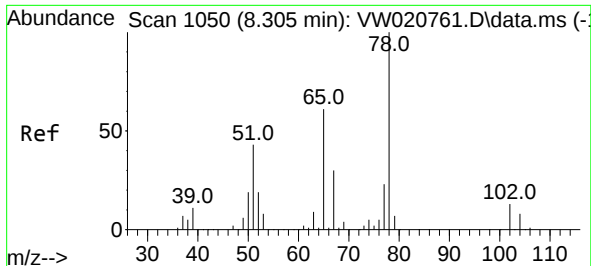
Tgt Ion: 56 Resp: 35930
Ion Ratio Lower Upper
56 100
69 39.5 34.2 51.2
84 83.8 92.3 138.5#



#32
1,1,1-Trichloroethane
Concen: 18.602 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 97 Resp: 30413
Ion Ratio Lower Upper
97 100
99 64.7 52.1 78.1
61 44.9 30.2 45.2

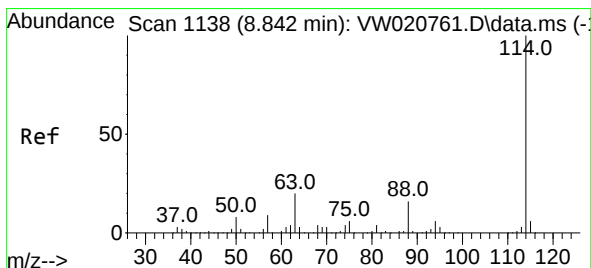
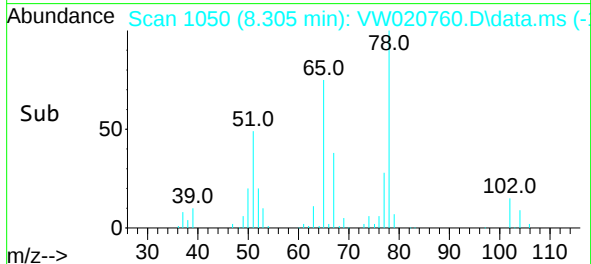
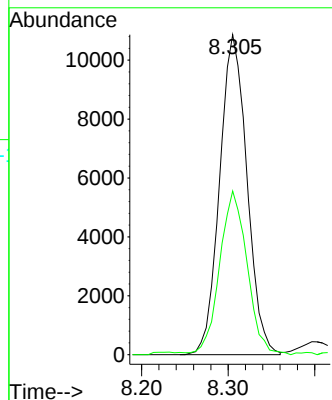
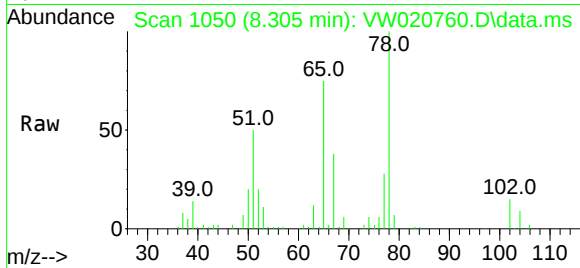




#33
 1,2-Dichloroethane-d4
 Concen: 21.477 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

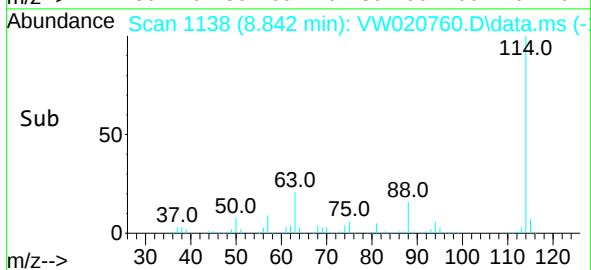
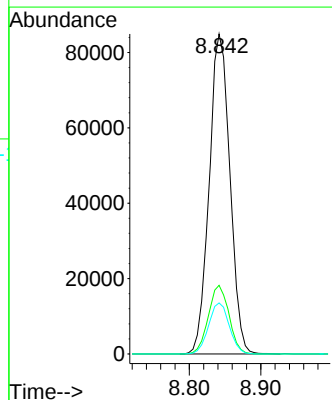
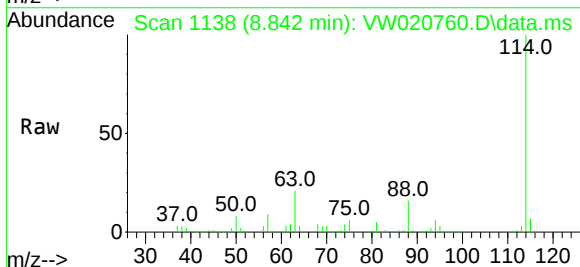
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

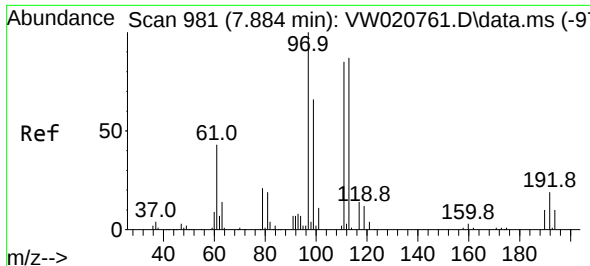
Tgt Ion: 65 Resp: 23801
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

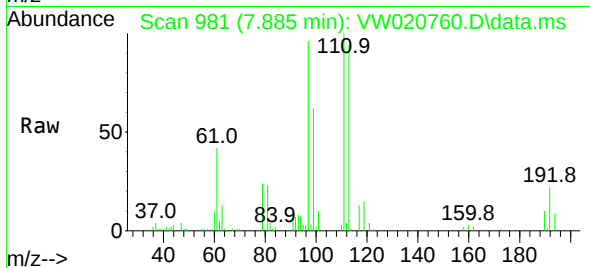
Tgt Ion: 114 Resp: 170845
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 35.8
 88 16.0 0.0 30.8



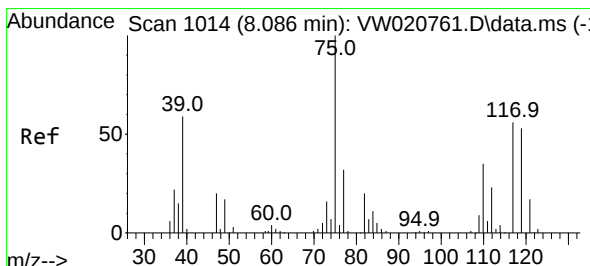
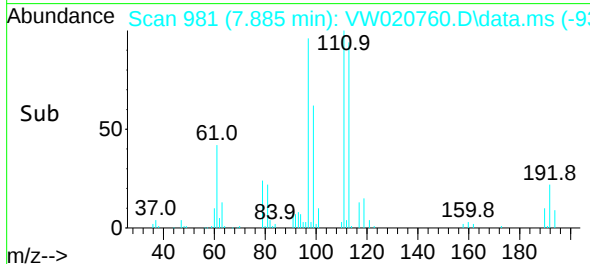
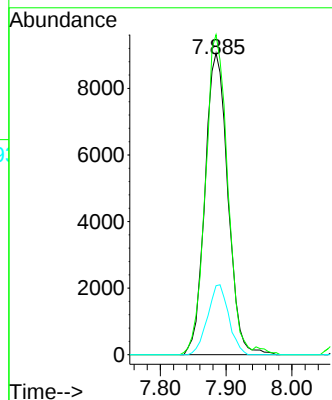


#35
Dibromofluoromethane
Concen: 19.731 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

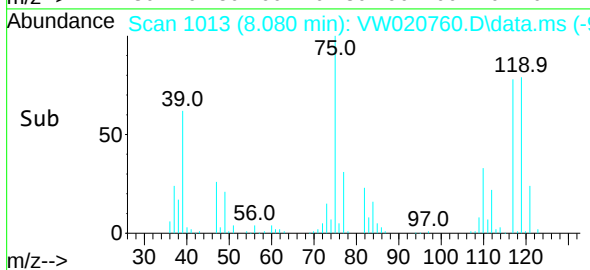
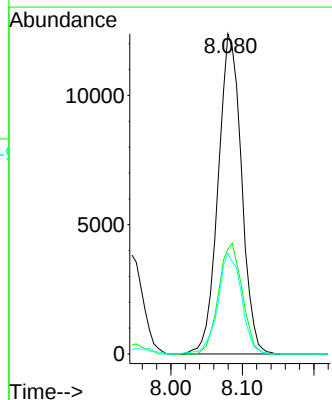
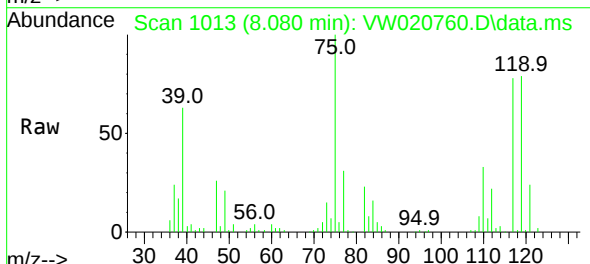


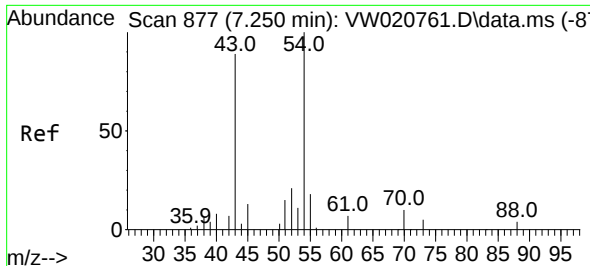
Tgt Ion:113 Resp: 21926
Ion Ratio Lower Upper
113 100
111 102.7 81.7 122.5
192 21.4 14.7 22.1



#36
1,1-Dichloropropene
Concen: 19.736 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 75 Resp: 28029
Ion Ratio Lower Upper
75 100
110 34.9 20.3 60.8
77 31.9 24.2 36.4

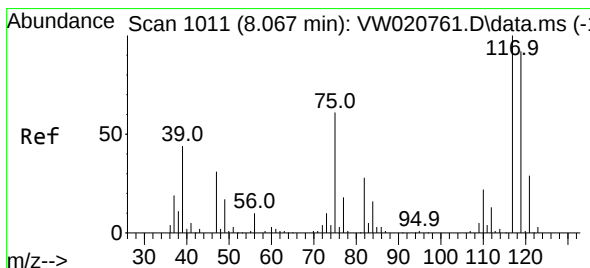
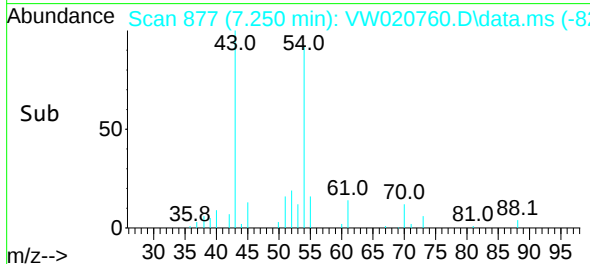
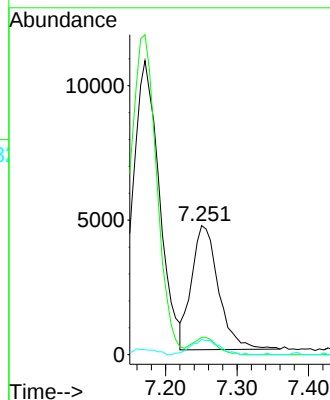
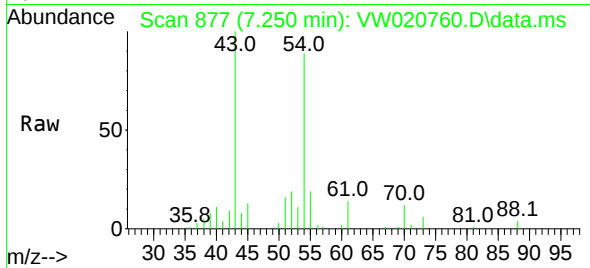




#37
Ethyl Acetate
Concen: 25.671 ug/l
RT: 7.250 min Scan# 81
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

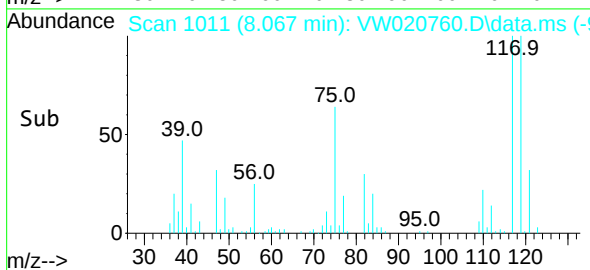
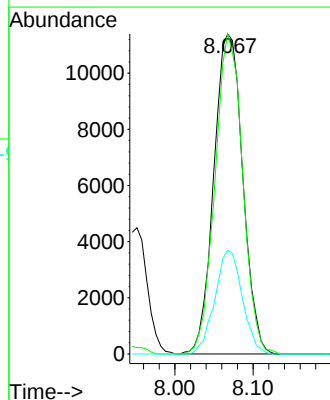
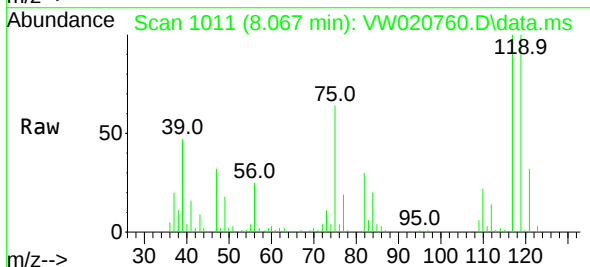
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

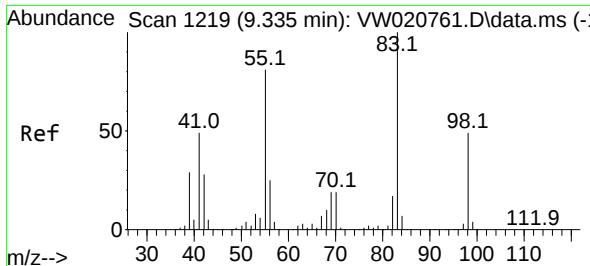
Tgt Ion: 43 Resp: 12073
Ion Ratio Lower Upper
43 100
61 12.7 13.4 20.0#
70 12.8 11.4 17.0



#38
Carbon Tetrachloride
Concen: 19.339 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 117 Resp: 29247
Ion Ratio Lower Upper
117 100
119 100.0 70.6 106.0
121 32.5 23.3 34.9





#39

Methylcyclohexane

Concen: 20.651 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

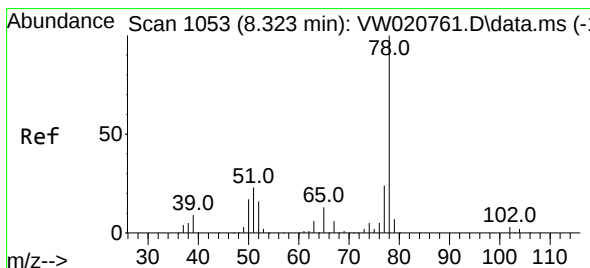
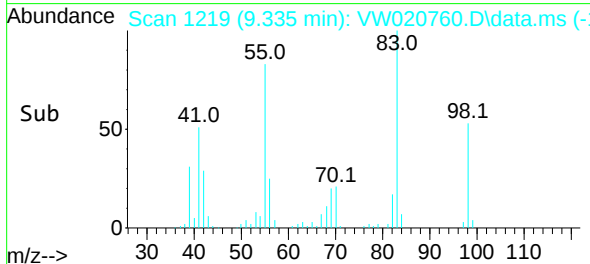
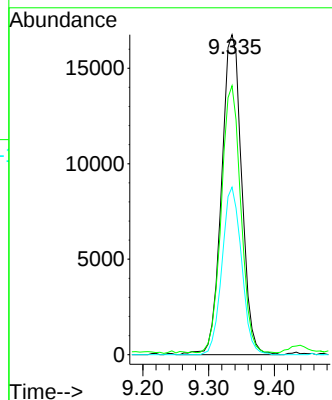
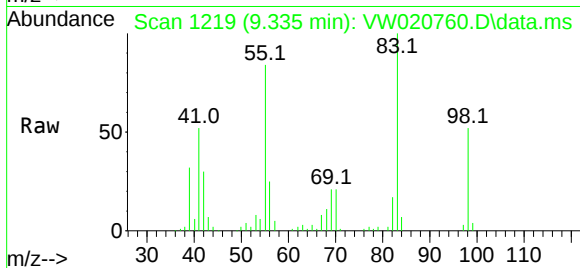
Tgt Ion: 83 Resp: 35727

Ion Ratio Lower Upper

83 100

55 83.3 47.4 71.0#

98 52.3 41.8 62.6



#40

Benzene

Concen: 18.917 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW020760.D

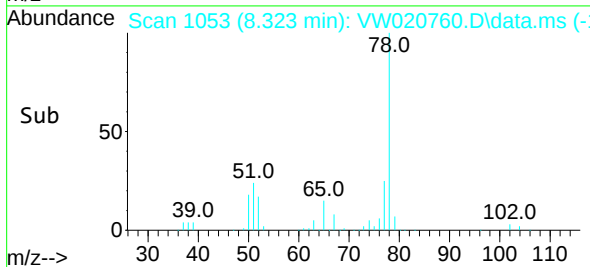
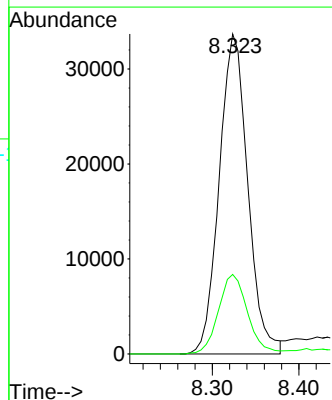
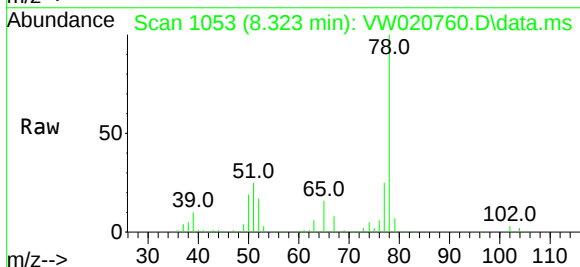
Acq: 04 Nov 2021 14:02

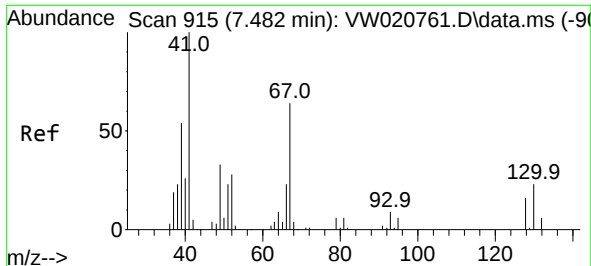
Tgt Ion: 78 Resp: 77136

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.4

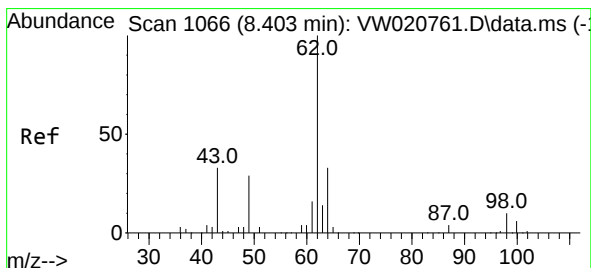
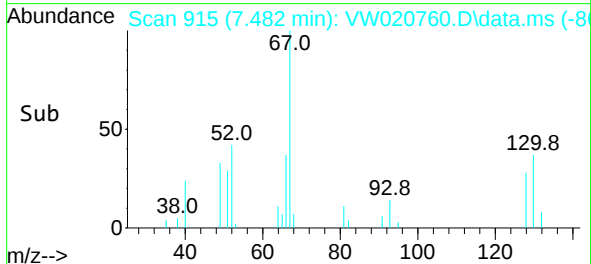
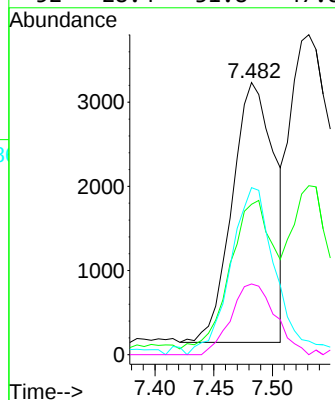
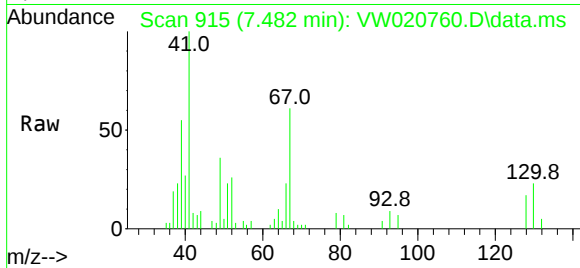




#41
Methacrylonitrile
Concen: 31.804 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

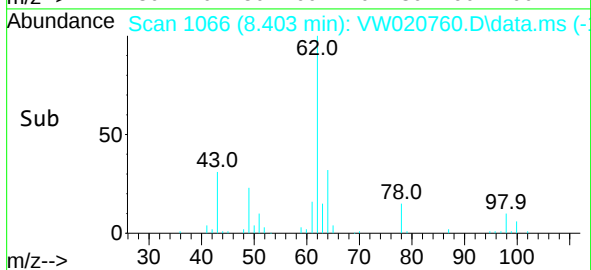
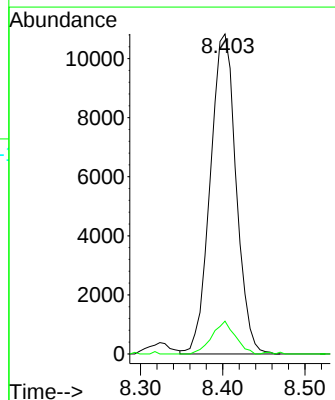
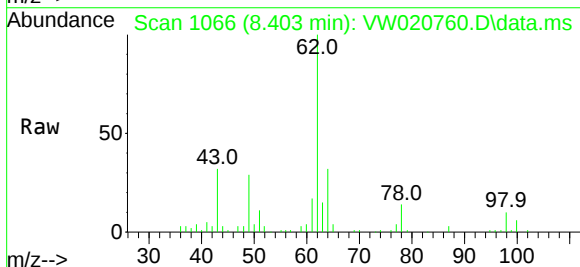
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

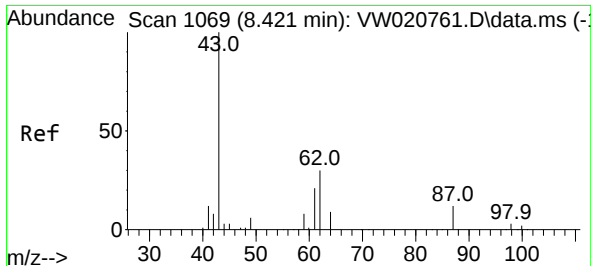
Tgt Ion:	41	Resp:	7744
Ion	Ratio	Lower	Upper
41	100		
39	58.5	51.6	77.4
67	68.5	81.0	121.4#
52	28.4	31.8	47.8#



#42
1,2-Dichloroethane
Concen: 20.243 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion:	62	Resp:	23682
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	21.6

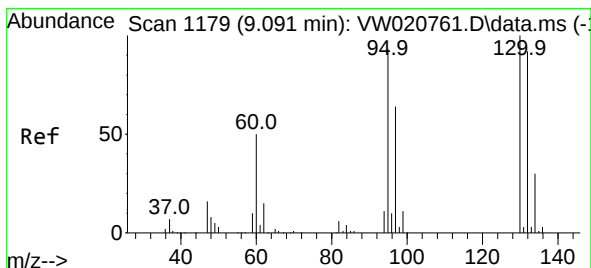
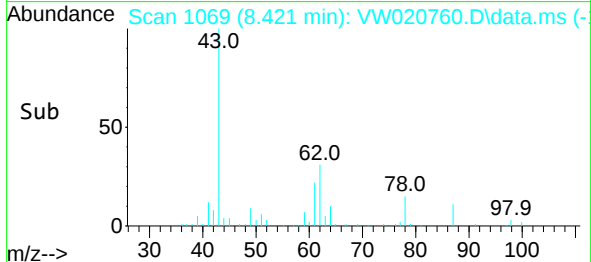
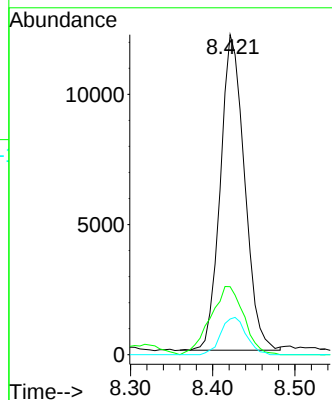
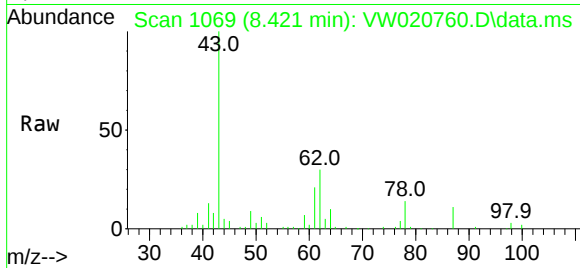




#43
Isopropyl Acetate
Concen: 26.999 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

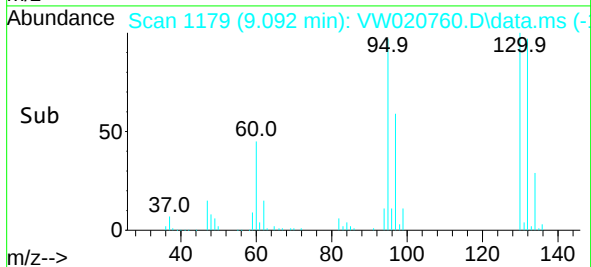
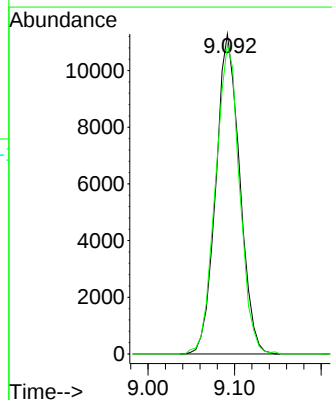
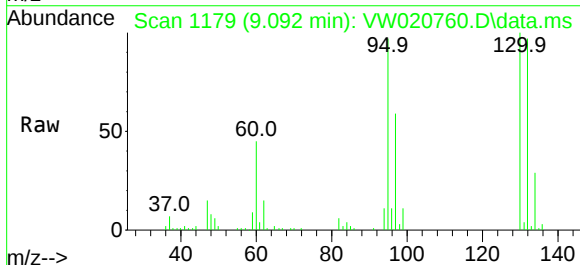
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

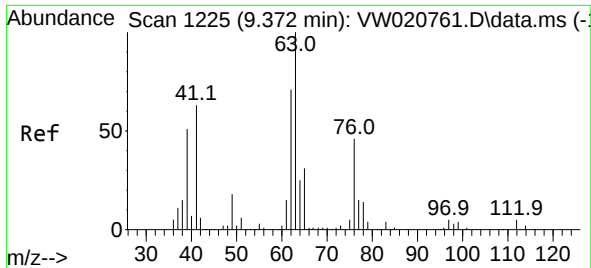
Tgt Ion: 43 Resp: 24785
Ion Ratio Lower Upper
43 100
61 29.8 30.0 45.0#
87 12.4 15.0 22.4#



#44
Trichloroethene
Concen: 17.489 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 130 Resp: 21579
Ion Ratio Lower Upper
130 100
95 96.7 0.0 198.6

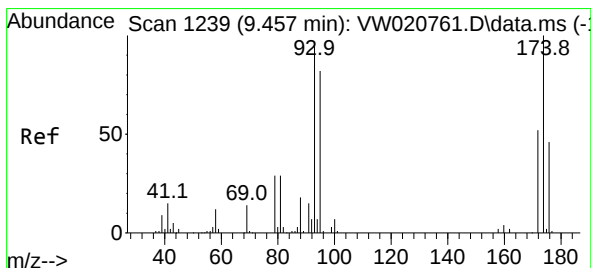
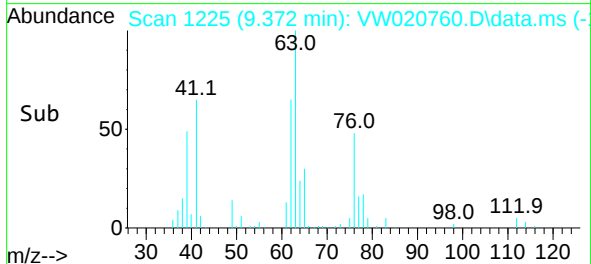
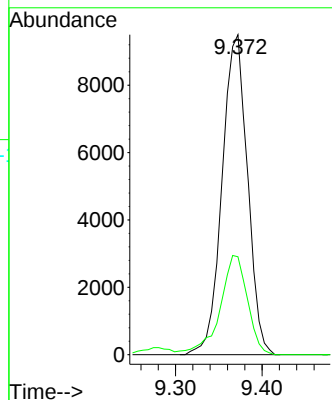
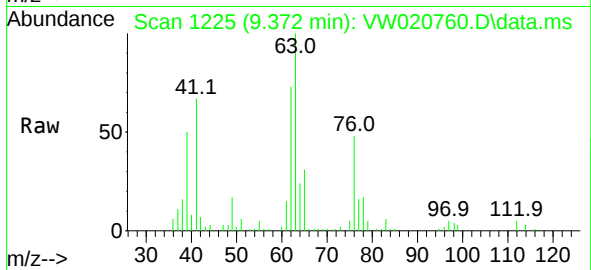




#45
1,2-Dichloropropane
Concen: 21.436 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

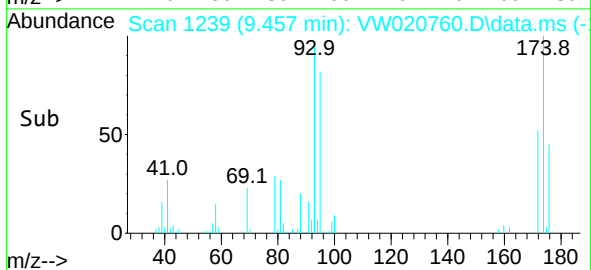
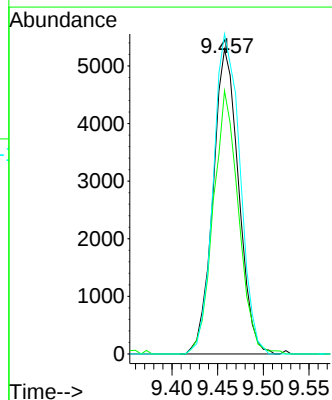
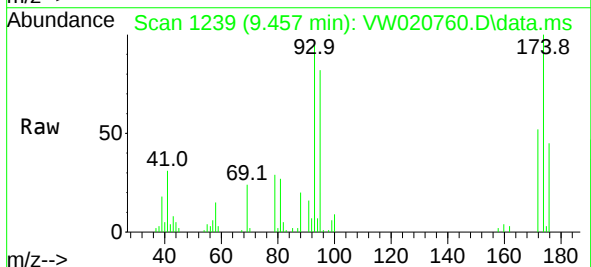
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

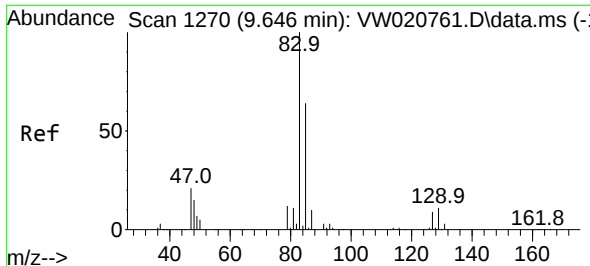
Tgt Ion: 63 Resp: 19350
Ion Ratio Lower Upper
63 100
65 30.6 24.2 36.2



#46
Dibromomethane
Concen: 17.087 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 93 Resp: 10315
Ion Ratio Lower Upper
93 100
95 85.1 68.6 103.0
174 109.0 87.8 131.8

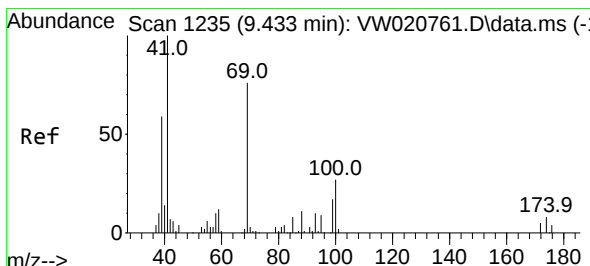
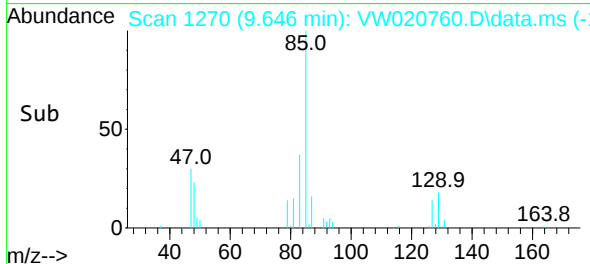
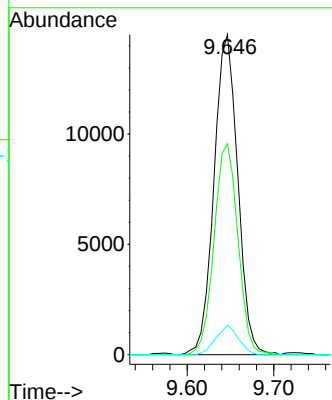
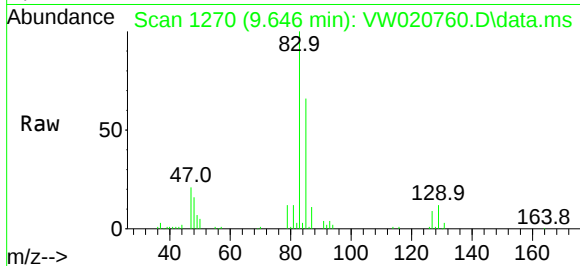




#47
Bromodichloromethane
Concen: 19.218 ug/l
RT: 9.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

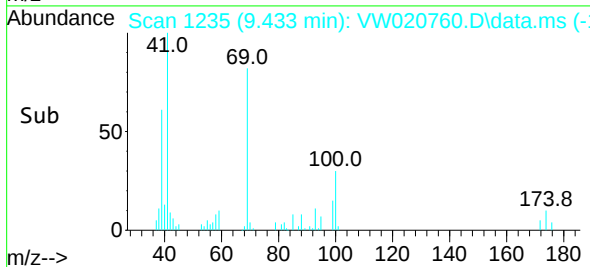
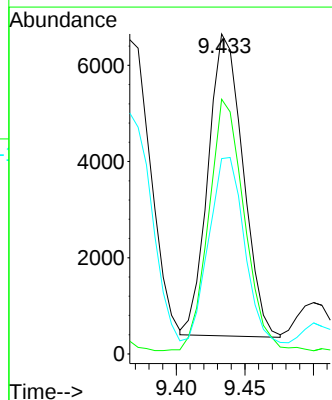
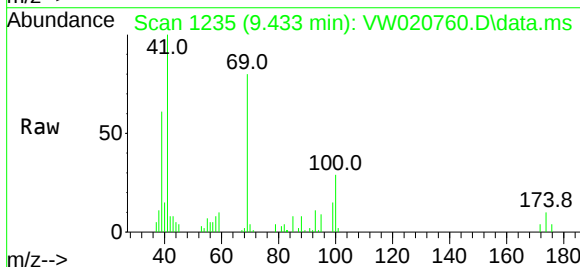
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

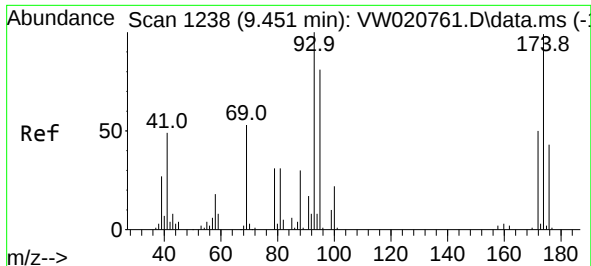
Tgt Ion: 83 Resp: 27624
Ion Ratio Lower Upper
83 100
85 65.9 51.9 77.9
127 9.2 7.6 11.4



#48
Methyl methacrylate
Concen: 26.235 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 41 Resp: 11111
Ion Ratio Lower Upper
41 100
69 85.5 96.4 144.6#
39 63.2 51.9 77.9





#49

1,4-Dioxane

Concen: 378.852 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

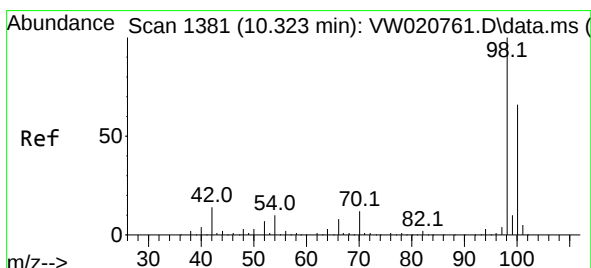
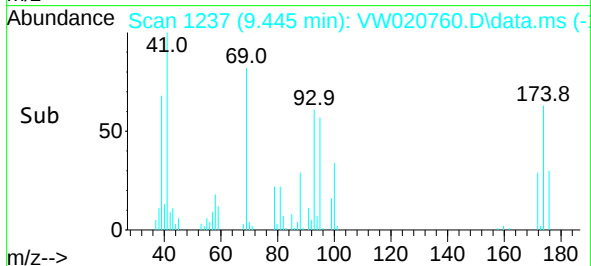
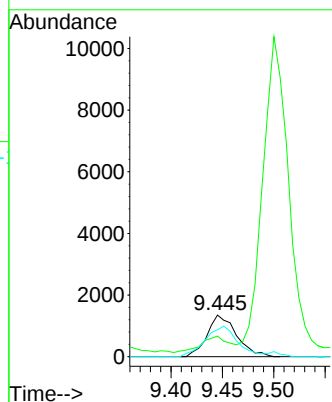
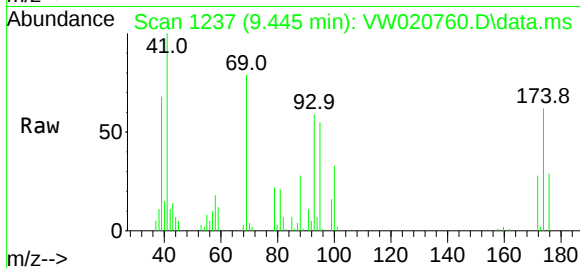
Tgt Ion: 88 Resp: 2677

Ion Ratio Lower Upper

88 100

43 37.5 19.0 28.6#

58 80.0 46.2 69.4#



#50

Toluene-d8

Concen: 21.701 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW020760.D

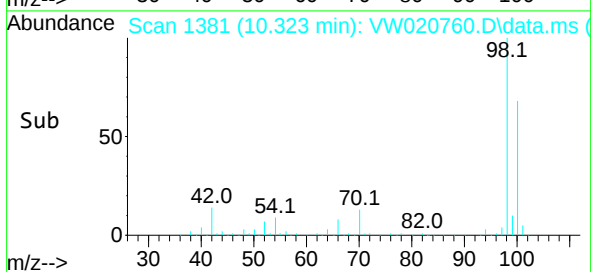
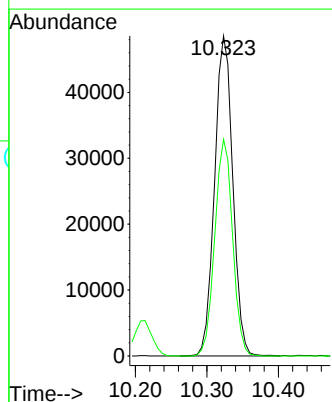
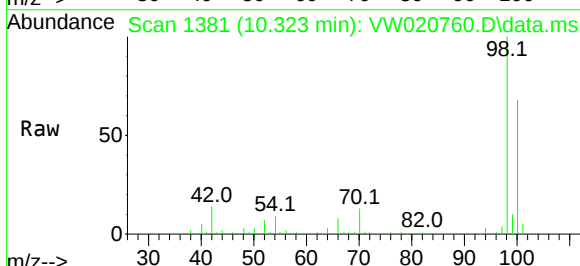
Acq: 04 Nov 2021 14:02

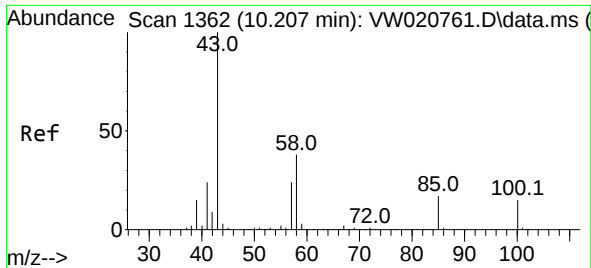
Tgt Ion: 98 Resp: 85752

Ion Ratio Lower Upper

98 100

100 66.3 50.2 75.4

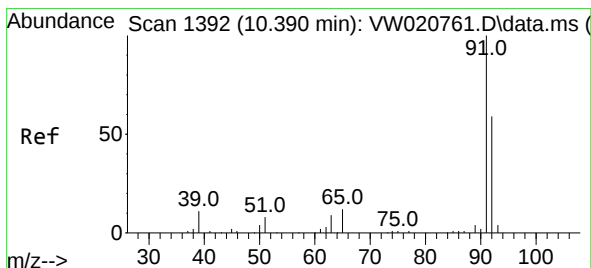
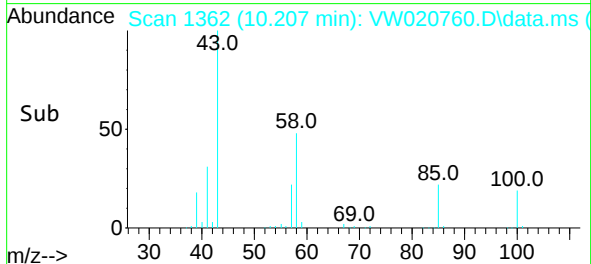
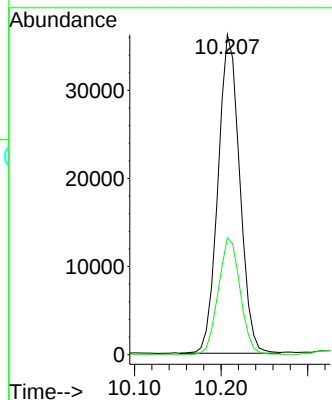
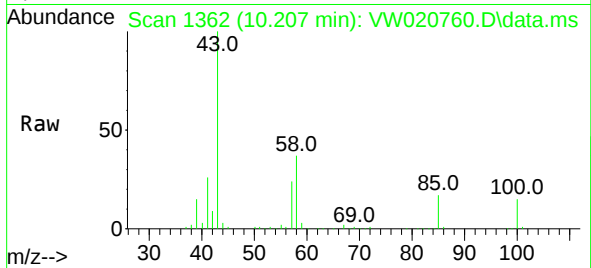




#51
4-Methyl-2-Pentanone
Concen: 132.730 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

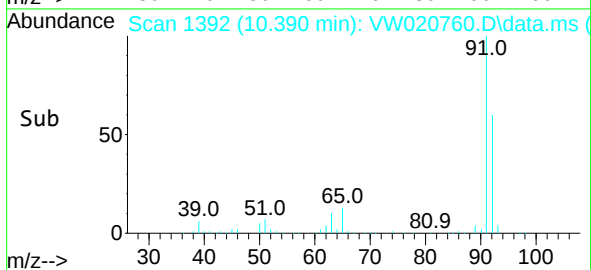
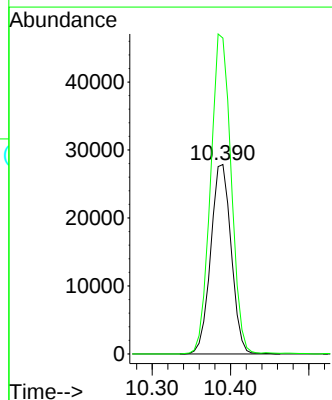
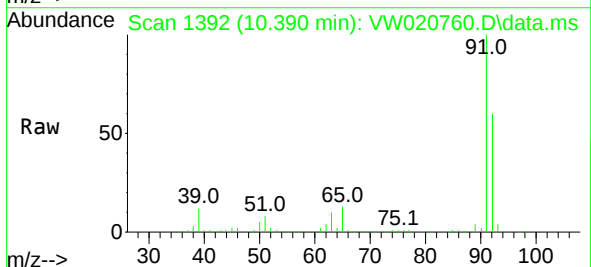
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

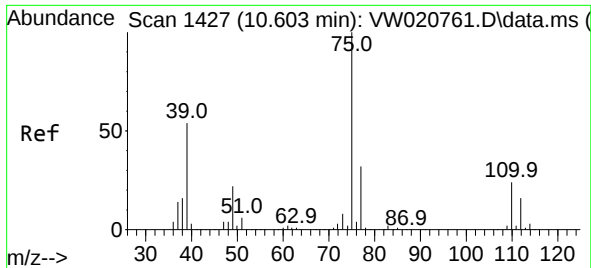
Tgt Ion: 43 Resp: 62896
Ion Ratio Lower Upper
43 100
58 37.0 37.4 56.2#



#52
Toluene
Concen: 19.099 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 92 Resp: 50440
Ion Ratio Lower Upper
92 100
91 170.1 144.3 216.5

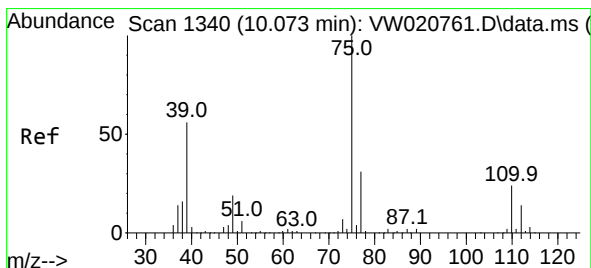
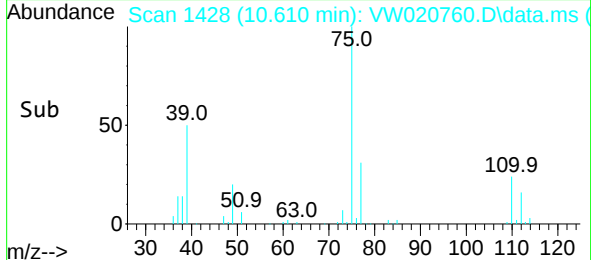
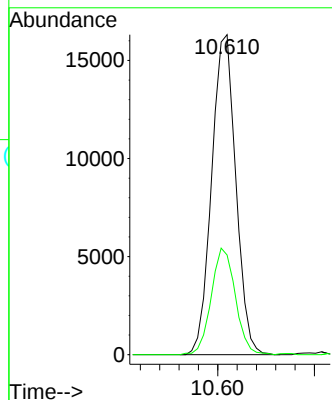
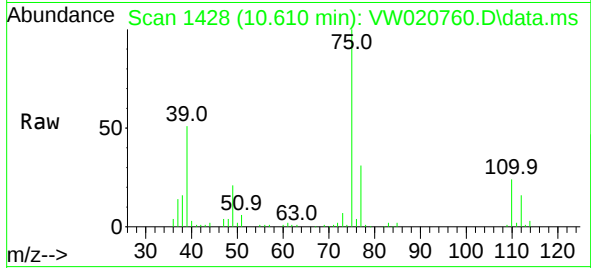




#53
t-1,3-Dichloropropene
Concen: 20.997 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

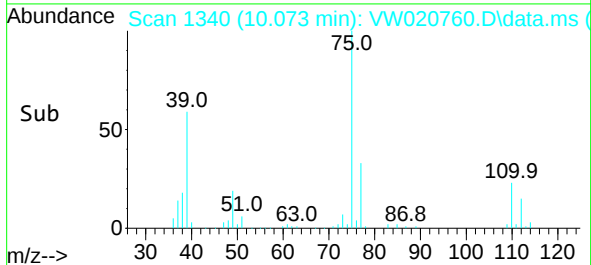
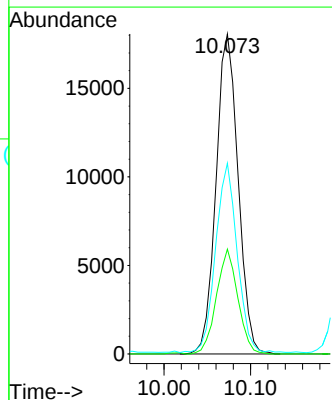
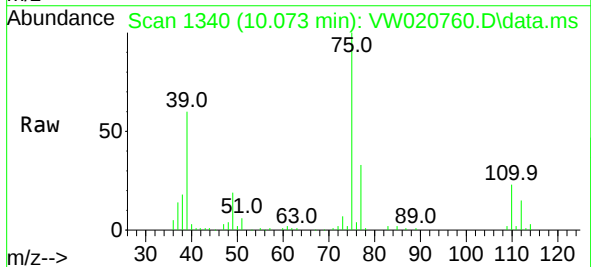
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

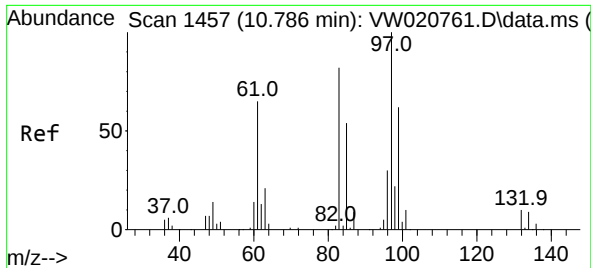
Tgt Ion: 75 Resp: 28312
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1



#54
cis-1,3-Dichloropropene
Concen: 20.720 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 75 Resp: 32001
Ion Ratio Lower Upper
75 100
77 32.8 24.2 36.4
39 59.1 29.2 43.8#

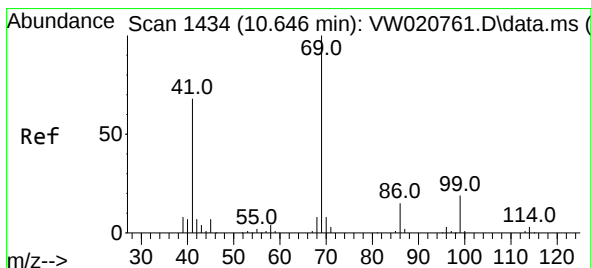
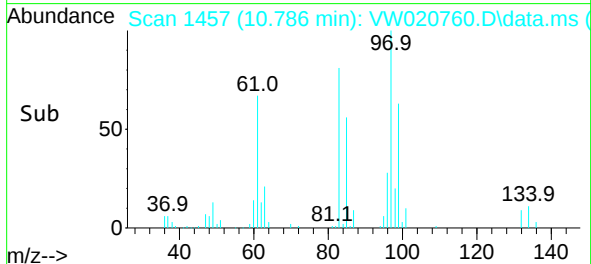
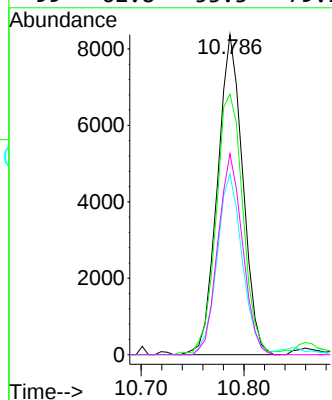
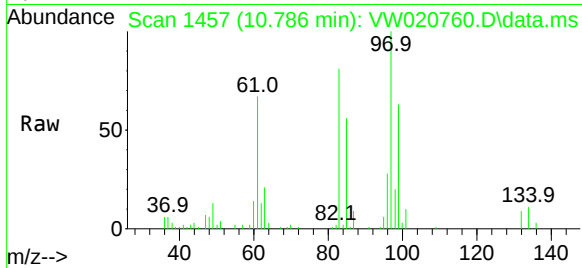




#55
1,1,2-Trichloroethane
Concen: 17.338 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

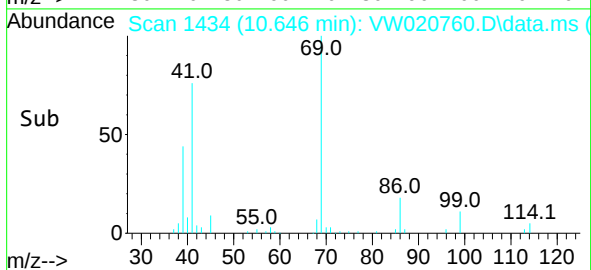
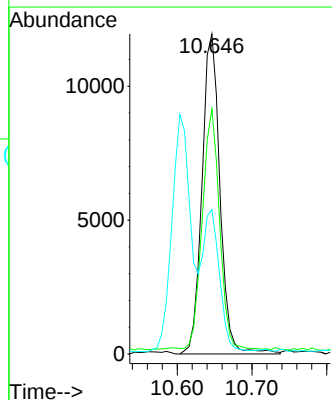
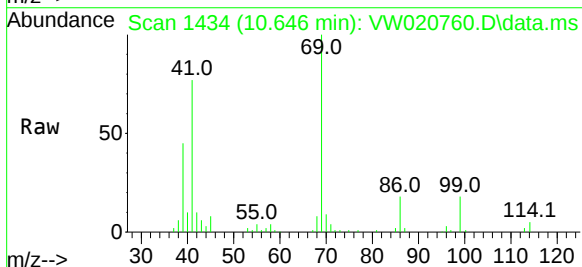
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

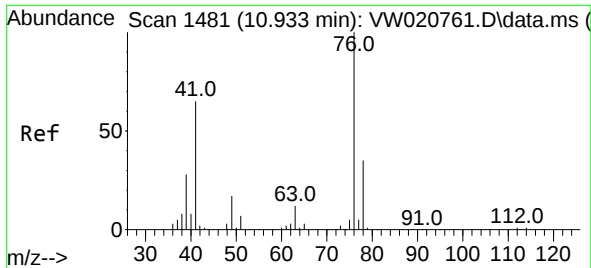
Tgt Ion: 97	Resp: 14281
Ion Ratio	Lower Upper
97 100	
83 80.7	66.5 99.7
85 56.5	43.0 64.6
99 62.8	53.3 79.9



#56
Ethyl methacrylate
Concen: 21.820 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 69	Resp: 19993
Ion Ratio	Lower Upper
69 100	
41 71.4	39.2 58.8#
39 39.9	26.5 39.7#





#57

1,3-Dichloropropane

Concen: 18.964 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

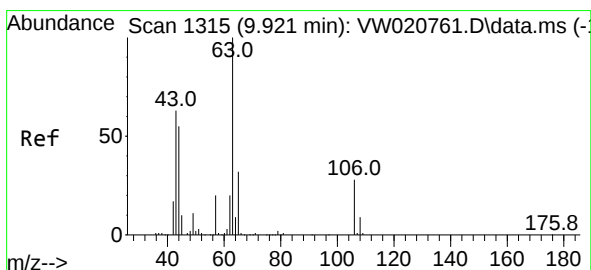
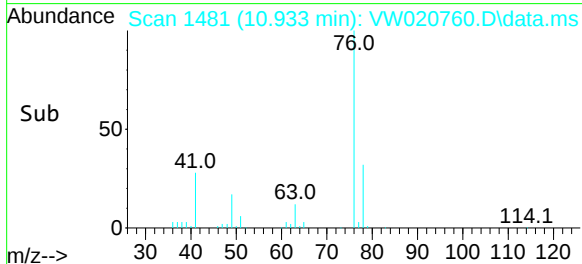
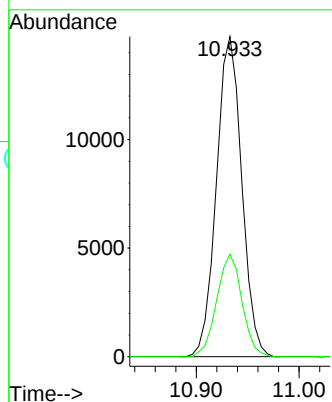
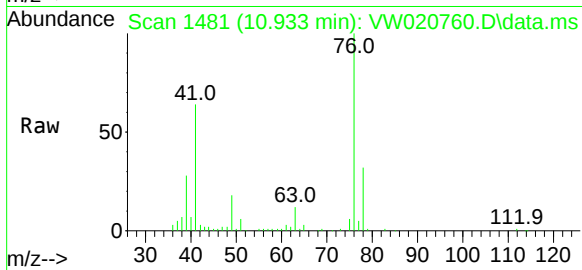
VSTDIC020

Tgt Ion: 76 Resp: 25188

Ion Ratio Lower Upper

76 100

78 31.8 26.7 40.1



#58

2-Chloroethyl Vinyl ether

Concen: 126.519 ug/l

RT: 9.921 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VW020760.D

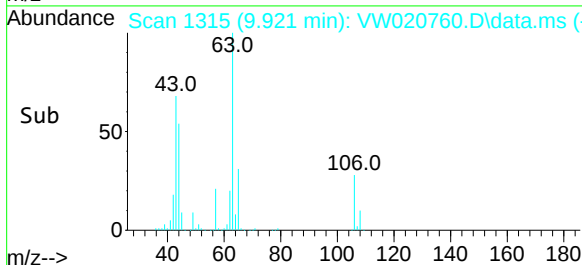
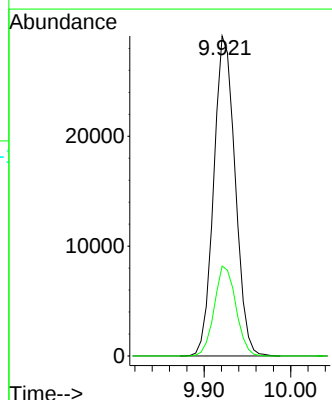
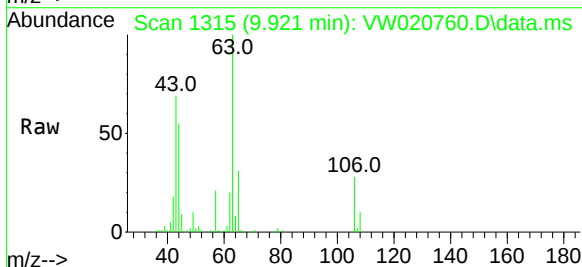
Acq: 04 Nov 2021 14:02

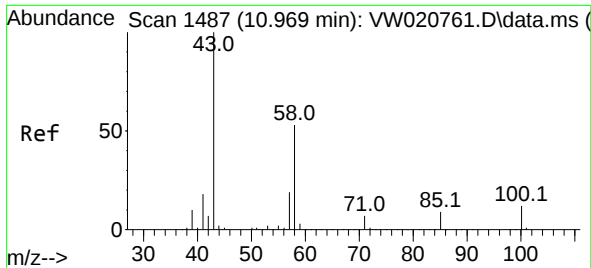
Tgt Ion: 63 Resp: 50121

Ion Ratio Lower Upper

63 100

106 28.2 27.4 41.0

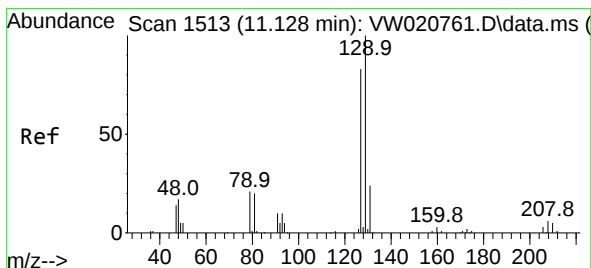
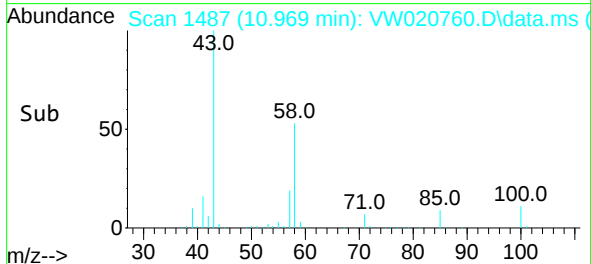
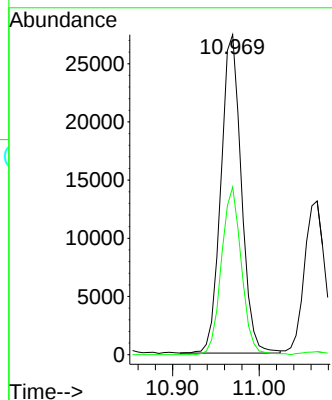
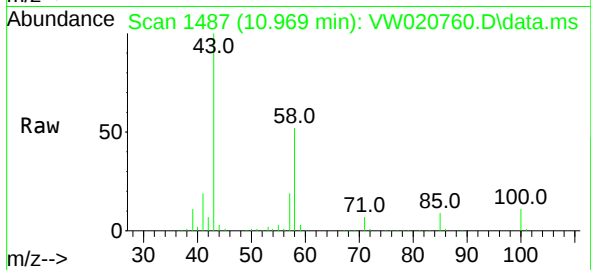




#59
2-Hexanone
Concen: 133.923 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

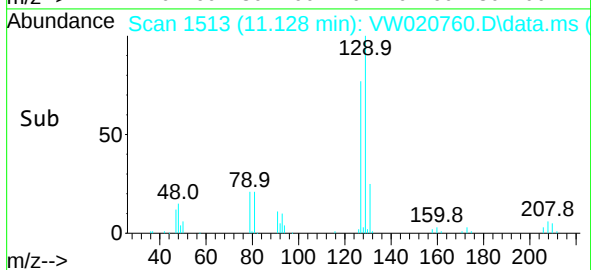
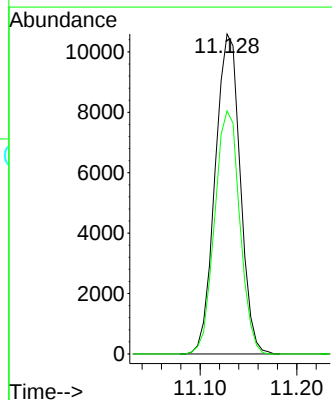
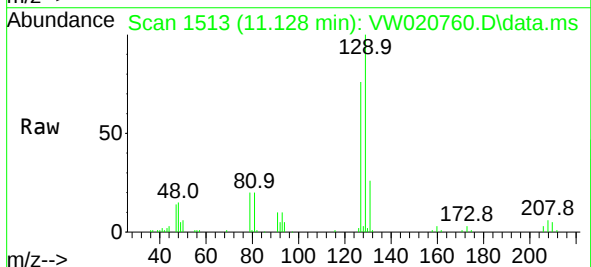
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

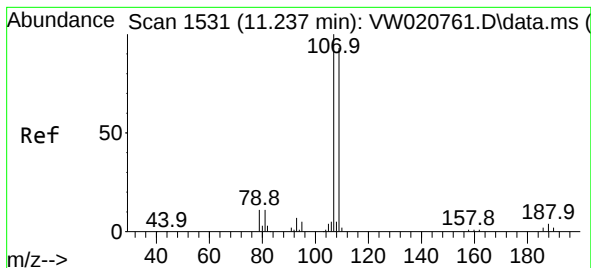
Tgt Ion: 43 Resp: 44833
Ion Ratio Lower Upper
43 100
58 51.3 32.5 97.4



#60
Dibromochloromethane
Concen: 18.384 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 129 Resp: 19046
Ion Ratio Lower Upper
129 100
127 76.1 39.4 118.1

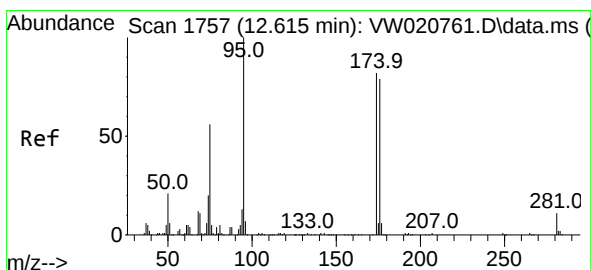
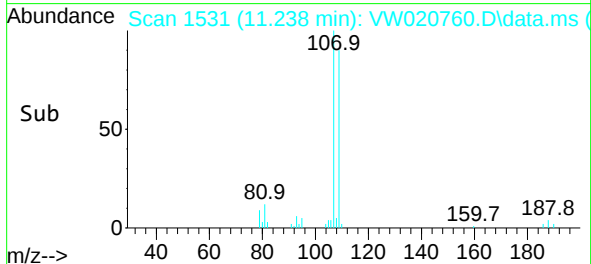
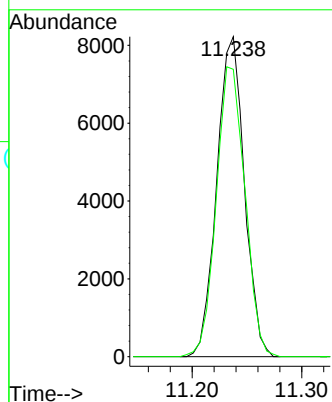
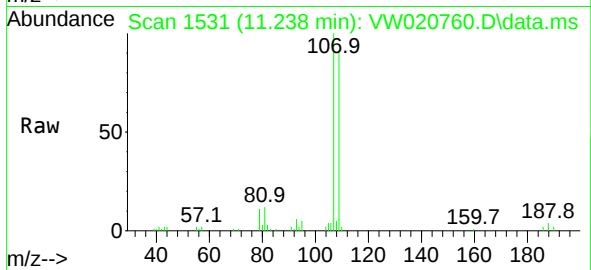




#61
1,2-Dibromoethane
Concen: 17.630 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

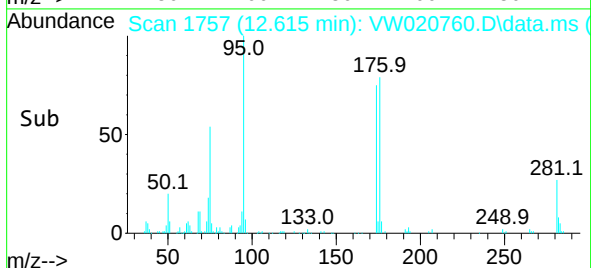
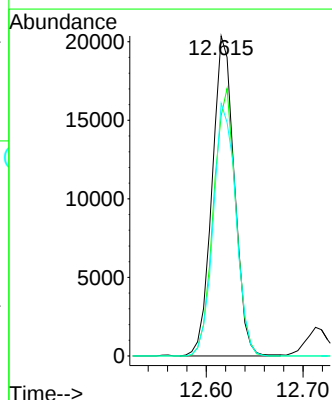
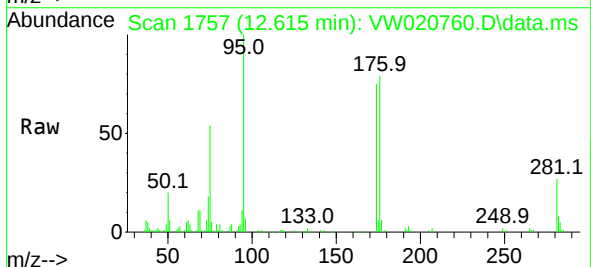
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

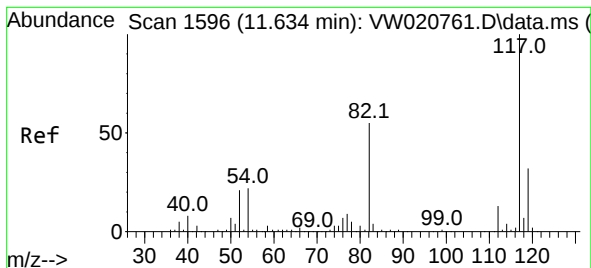
Tgt Ion:107 Resp: 14386
Ion Ratio Lower Upper
107 100
109 94.1 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 22.964 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 95 Resp: 32504
Ion Ratio Lower Upper
95 100
174 83.4 0.0 182.8
176 80.4 0.0 170.4

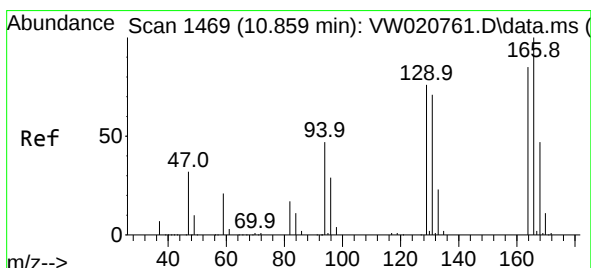
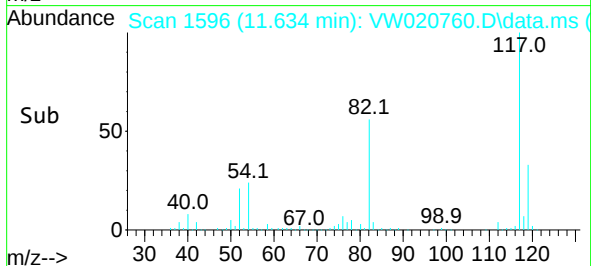
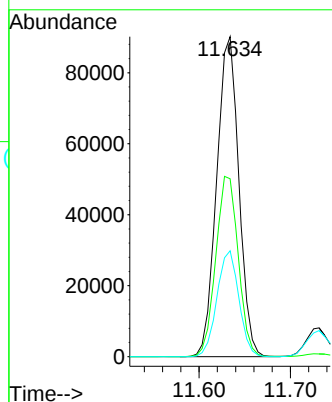
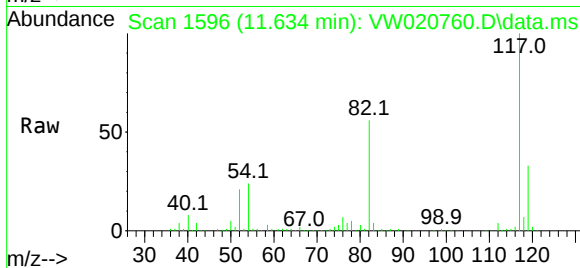




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

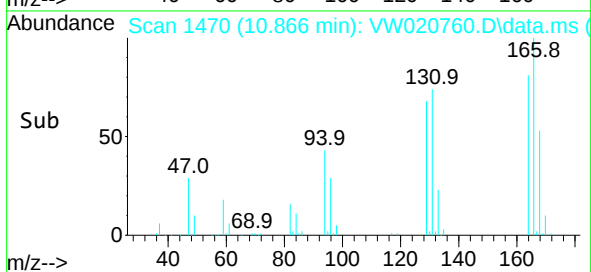
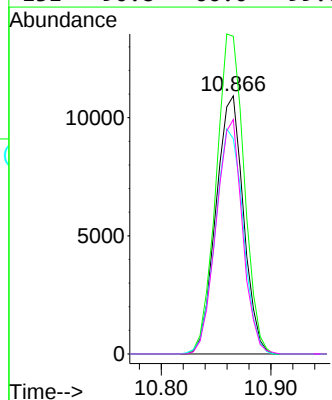
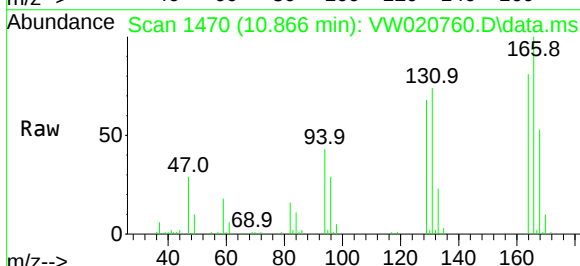
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

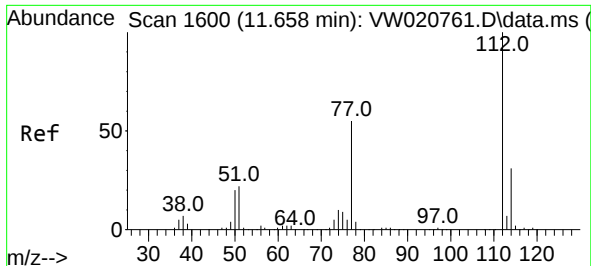
Tgt Ion:117 Resp: 152125
Ion Ratio Lower Upper
117 100
82 55.6 37.0 55.4#
119 33.1 26.0 39.0



#64
Tetrachloroethene
Concen: 18.655 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion:164 Resp: 19018
Ion Ratio Lower Upper
164 100
166 123.0 100.5 150.7
129 83.4 75.5 113.3
131 90.8 66.0 99.0

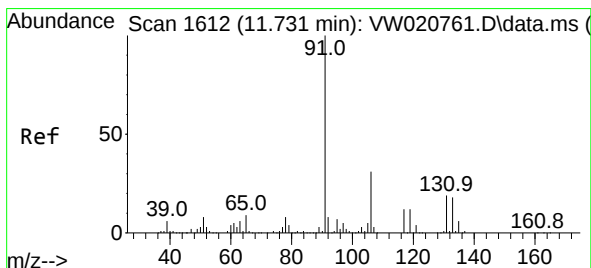
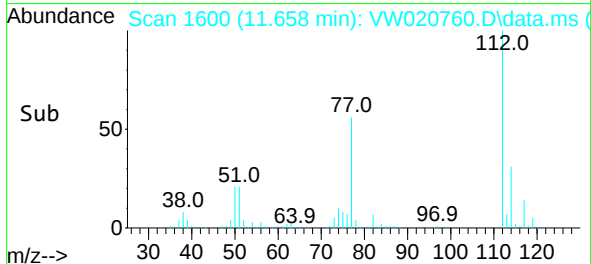
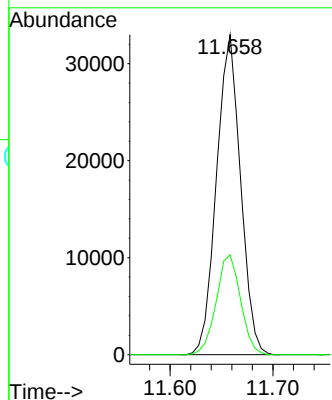
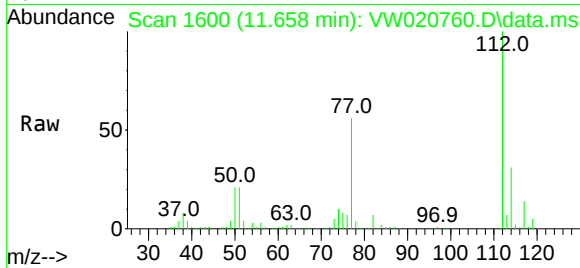




#65
Chlorobenzene
Concen: 18.328 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

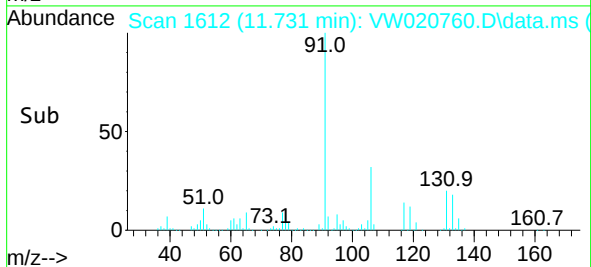
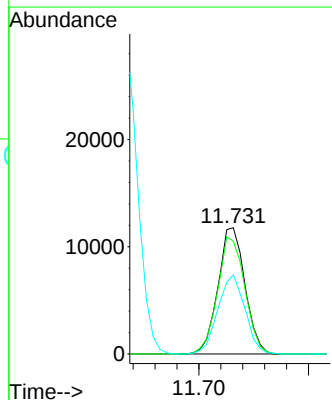
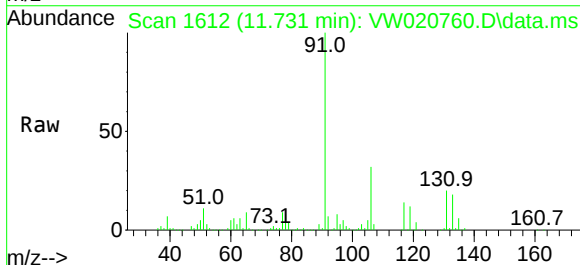
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

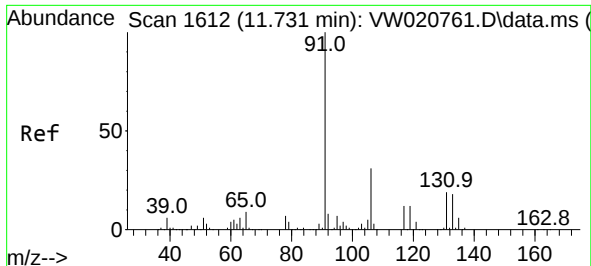
Tgt Ion:112 Resp: 53405
Ion Ratio Lower Upper
112 100
114 31.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.586 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion:131 Resp: 20096
Ion Ratio Lower Upper
131 100
133 93.9 45.9 137.6
119 62.8 32.1 96.3





#67

Ethyl Benzene

Concen: 19.786 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

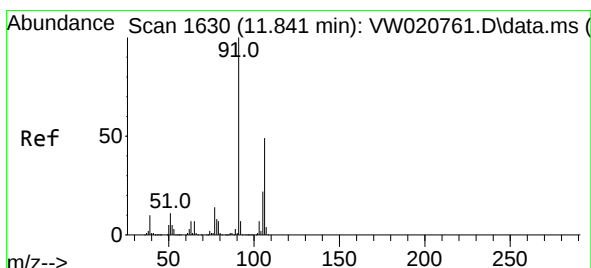
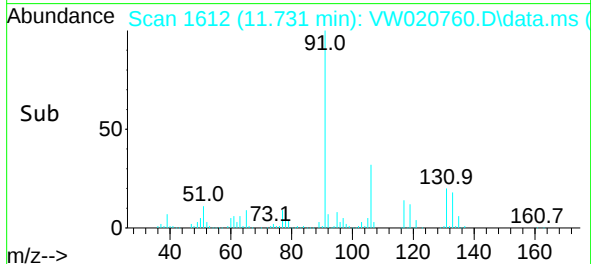
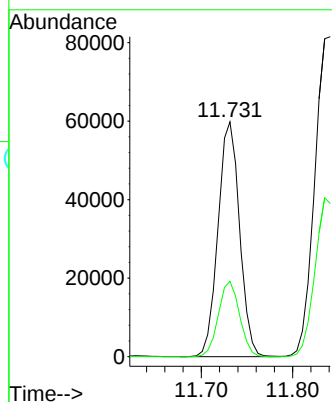
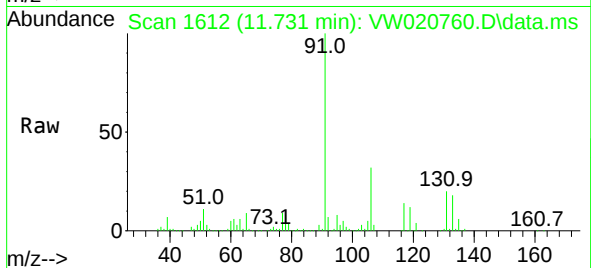
VSTDIC020

Tgt Ion: 91 Resp: 98044

Ion Ratio Lower Upper

91 100

106 32.1 24.5 36.7



#68

m/p-Xylenes

Concen: 38.714 ug/l

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW020760.D

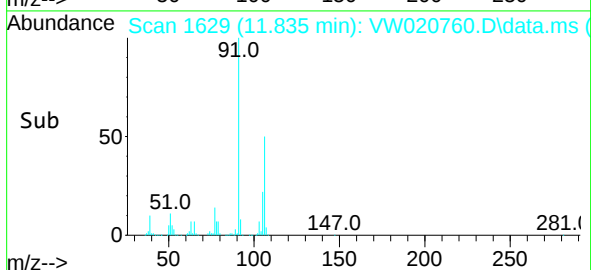
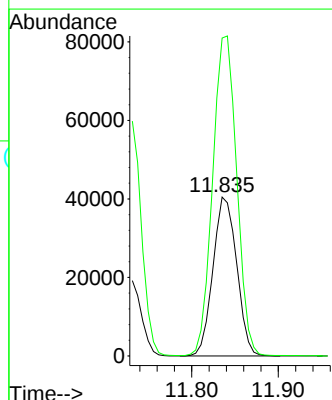
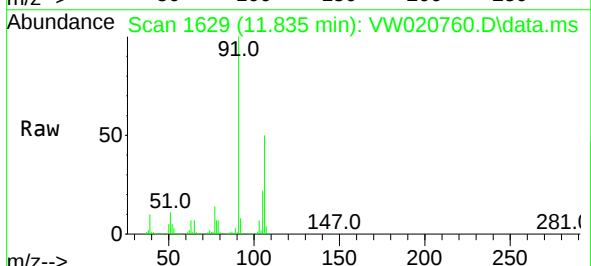
Acq: 04 Nov 2021 14:02

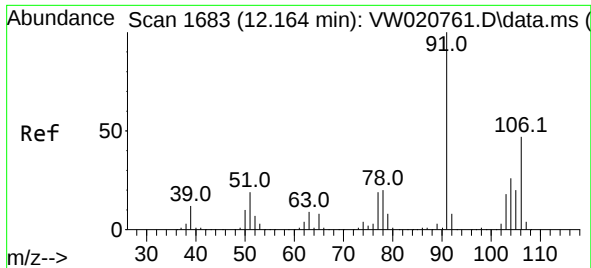
Tgt Ion:106 Resp: 76986

Ion Ratio Lower Upper

106 100

91 204.2 157.8 236.8

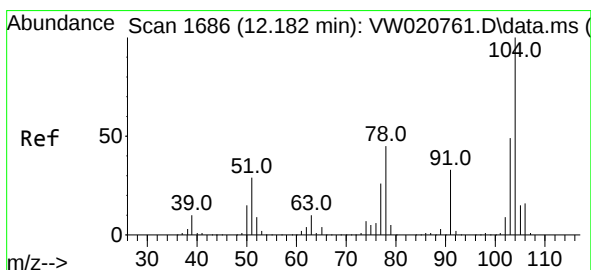
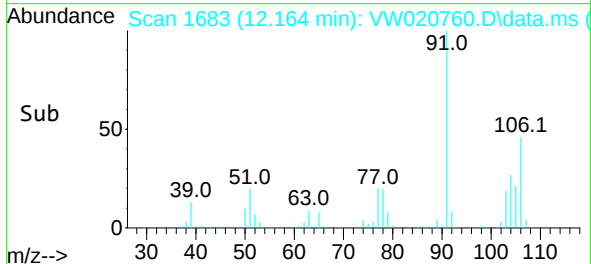
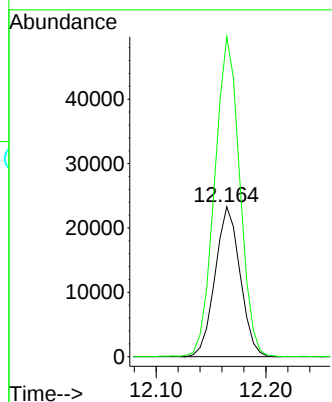
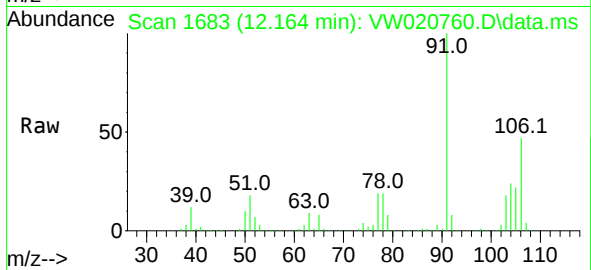




#69
o-Xylene
Concen: 19.775 ug/l
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

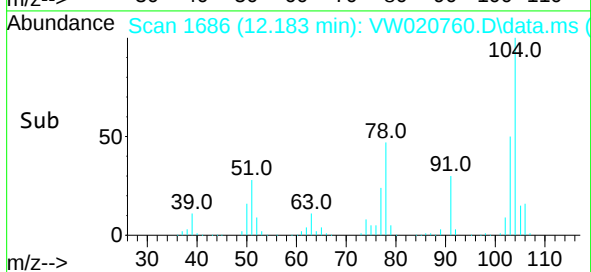
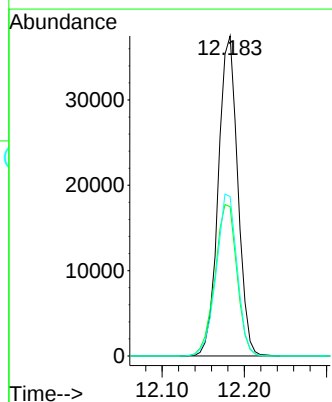
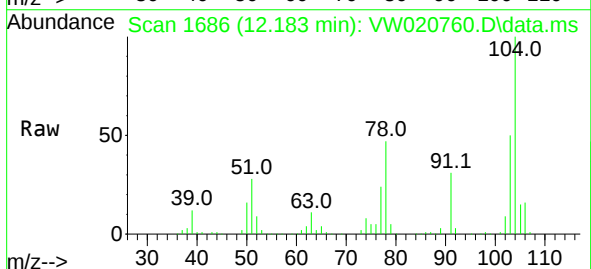
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

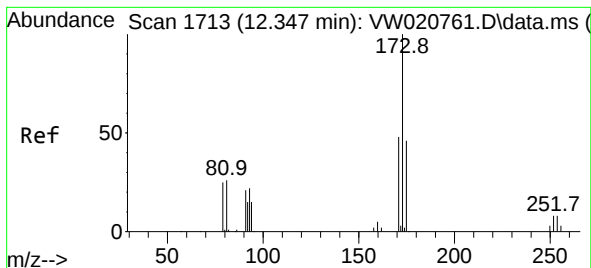
Tgt Ion:106 Resp: 36888
Ion Ratio Lower Upper
106 100
91 214.7 103.6 310.8



#70
Styrene
Concen: 19.715 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion:104 Resp: 61589
Ion Ratio Lower Upper
104 100
78 53.5 36.4 54.6
103 54.3 45.0 67.6





#71

Bromoform

Concen: 18.862 ug/l

RT: 12.353 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

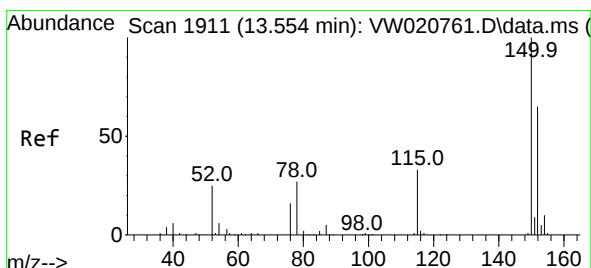
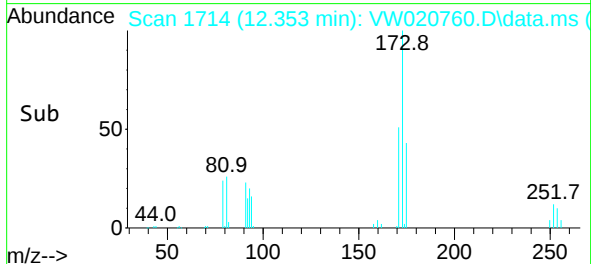
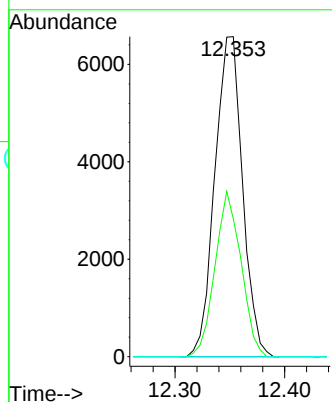
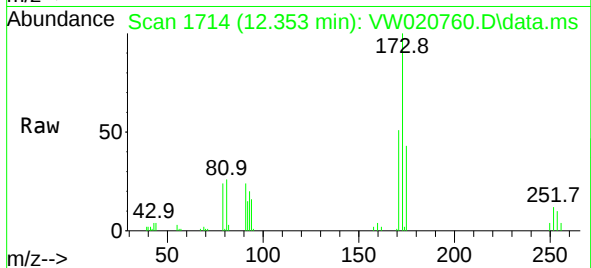
Tgt Ion:173 Resp: 11526

Ion Ratio Lower Upper

173 100

175 48.5 24.8 74.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.560 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

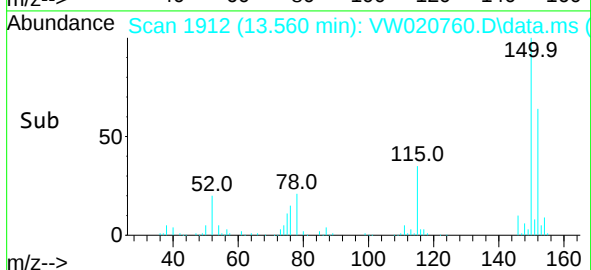
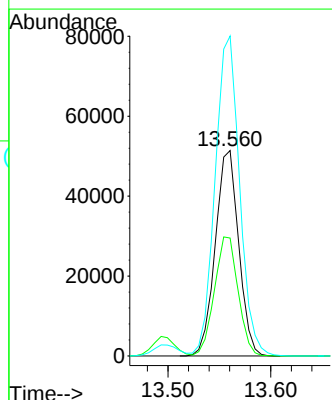
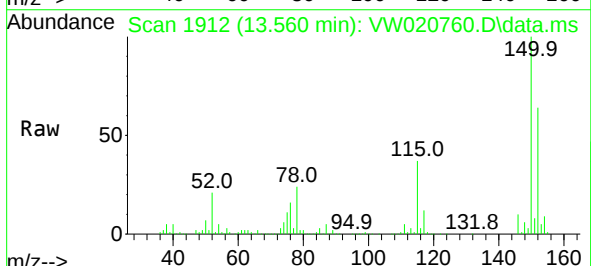
Tgt Ion:152 Resp: 81112

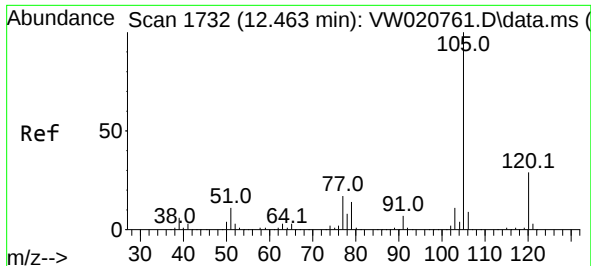
Ion Ratio Lower Upper

152 100

115 58.8 26.6 79.8

150 163.2 0.0 333.0

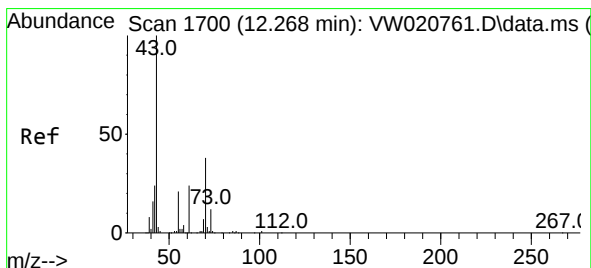
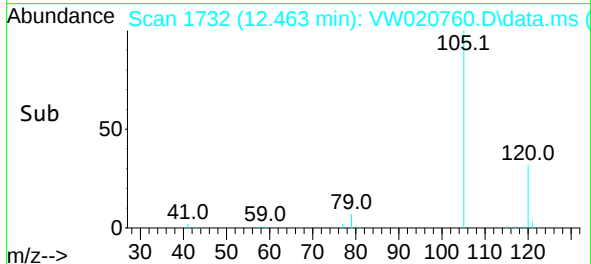
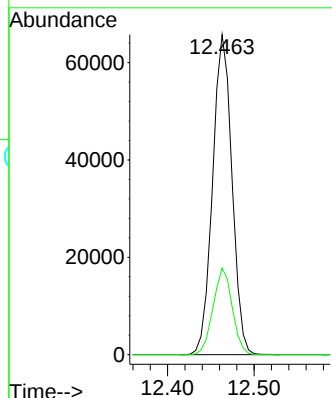
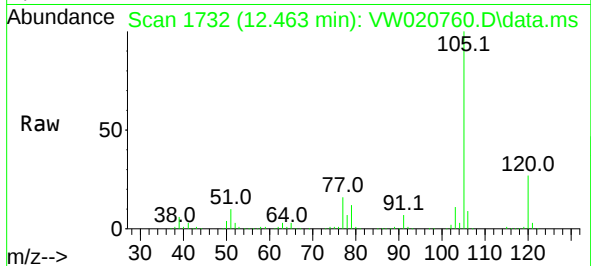




#73
Isopropylbenzene
Concen: 20.382 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

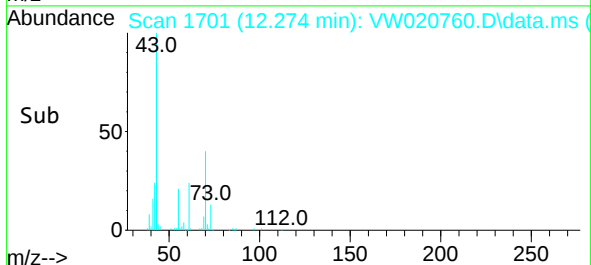
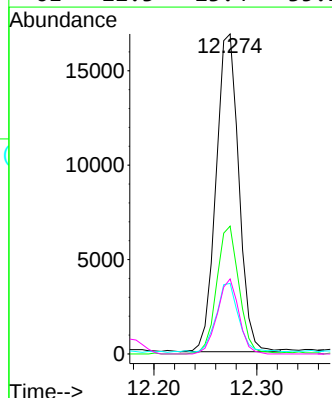
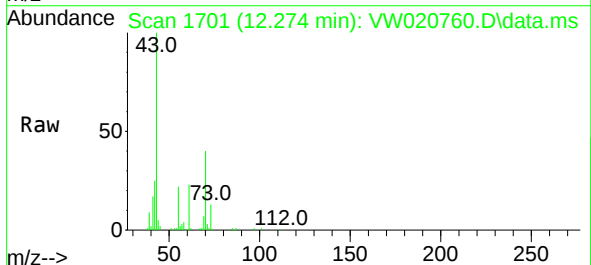
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

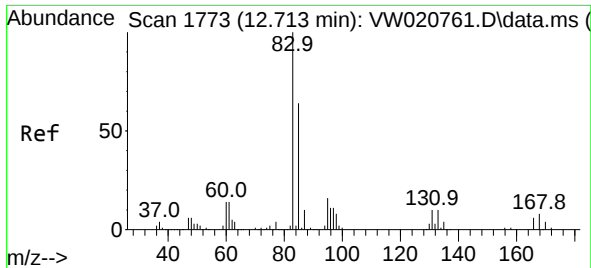
Tgt Ion:105 Resp: 102015
Ion Ratio Lower Upper
105 100
120 26.7 13.8 41.4



#74
N-ethyl acetate
Concen: 29.847 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 43 Resp: 25849
Ion Ratio Lower Upper
43 100
70 39.5 44.7 67.1#
55 21.8 23.5 35.3#
61 22.3 23.4 35.2#

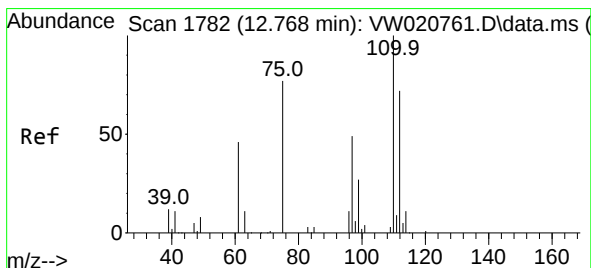
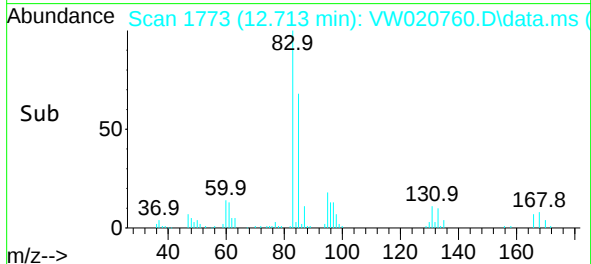
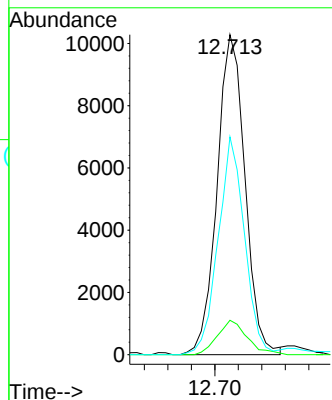
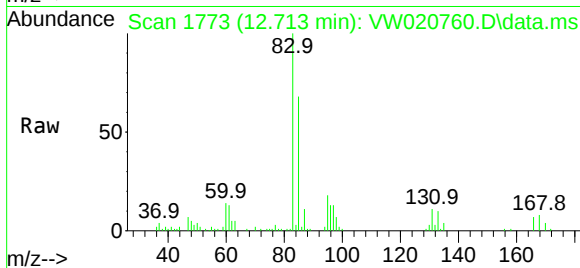




#75
1,1,2,2-Tetrachloroethane
Concen: 18.620 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

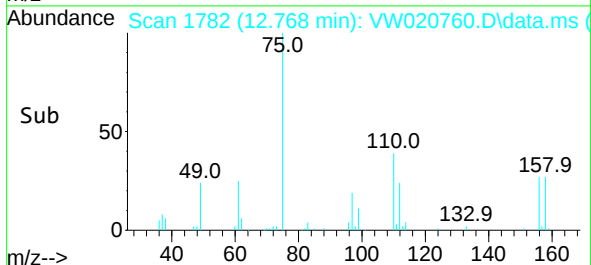
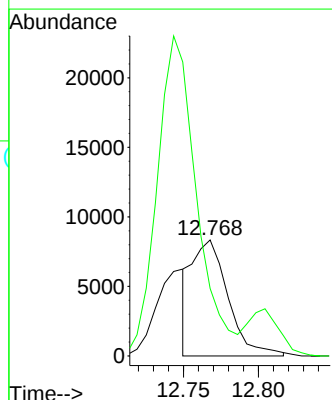
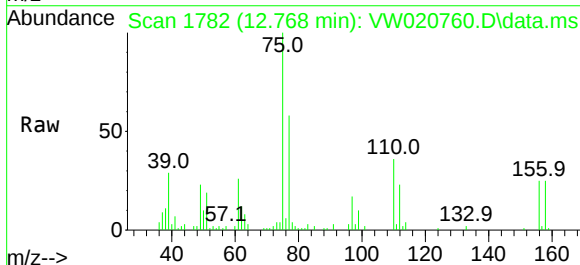
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

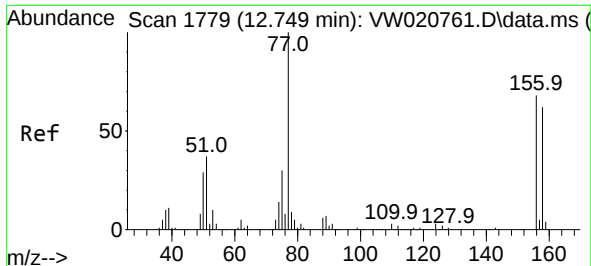
Tgt Ion: 83 Resp: 16999
Ion Ratio Lower Upper
83 100
131 11.5 5.9 17.7
85 64.1 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 21.365 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 75 Resp: 13966
Ion Ratio Lower Upper
75 100
77 0.0 143.3 430.0#

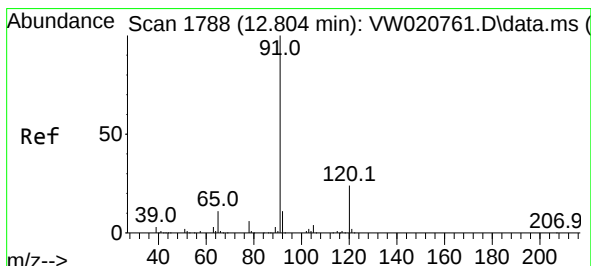
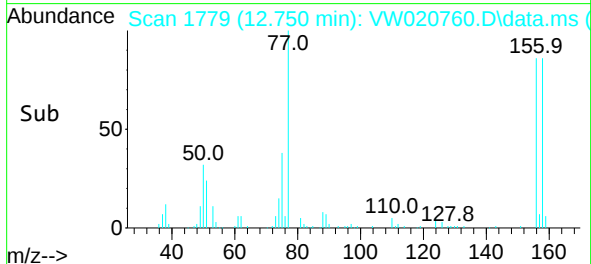
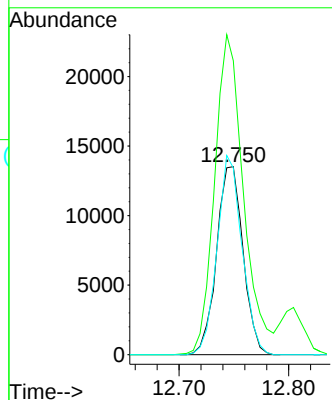
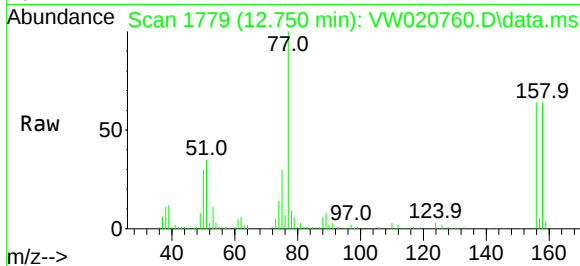




#77
Bromobenzene
Concen: 18.296 ug/l
RT: 12.750 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

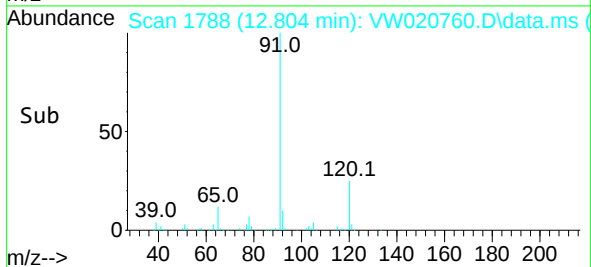
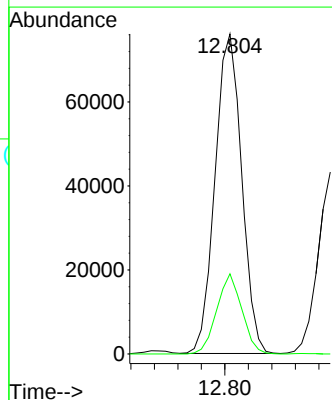
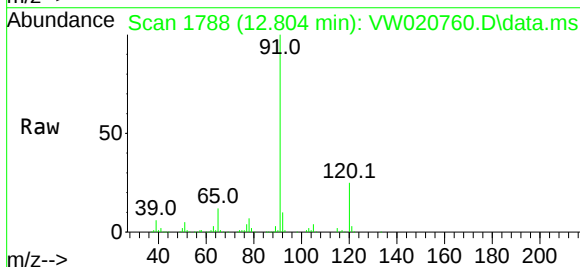
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

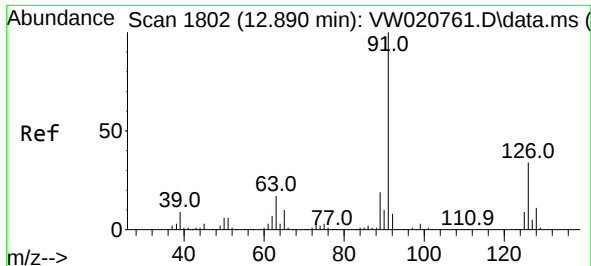
Tgt Ion:156 Resp: 22708
Ion Ratio Lower Upper
156 100
77 185.7 78.5 235.3
158 99.9 49.4 148.2



#78
n-propylbenzene
Concen: 19.728 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion: 91 Resp: 119675
Ion Ratio Lower Upper
91 100
120 23.6 12.1 36.3





#79

2-Chlorotoluene

Concen: 20.019 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

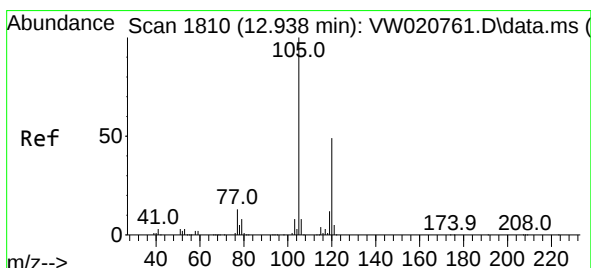
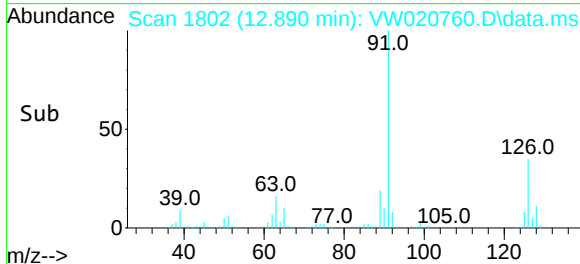
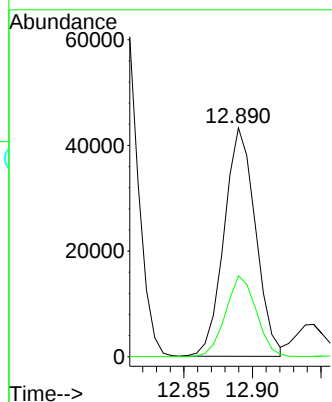
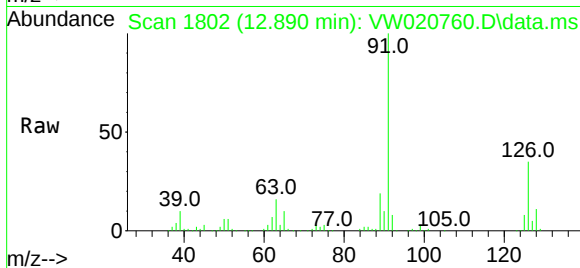
VSTDIC020

Tgt Ion: 91 Resp: 68896

Ion Ratio Lower Upper

91 100

126 34.6 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 20.012 ug/l

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW020760.D

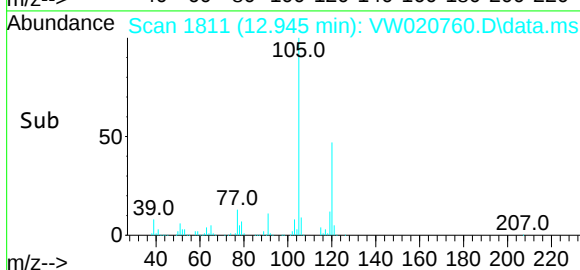
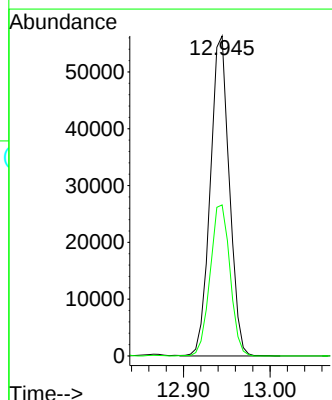
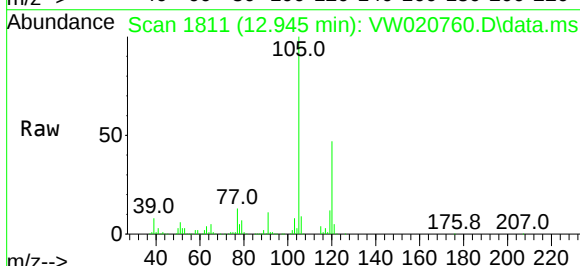
Acq: 04 Nov 2021 14:02

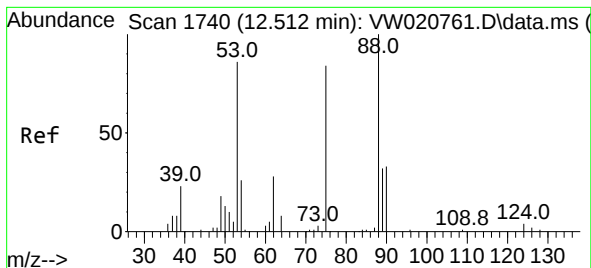
Tgt Ion: 105 Resp: 86014

Ion Ratio Lower Upper

105 100

120 49.3 24.6 74.0

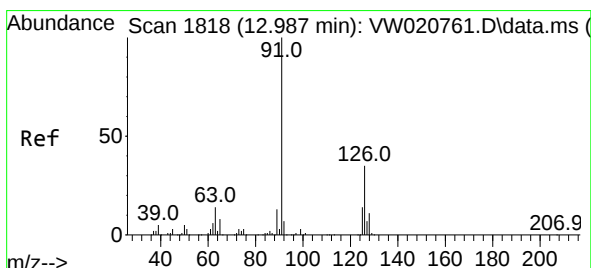
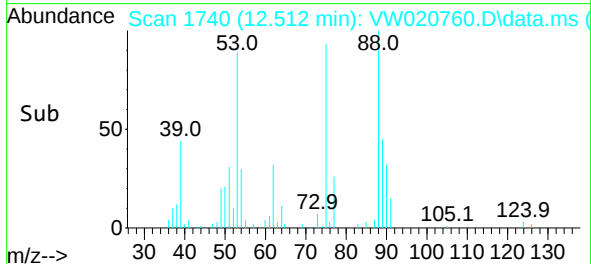
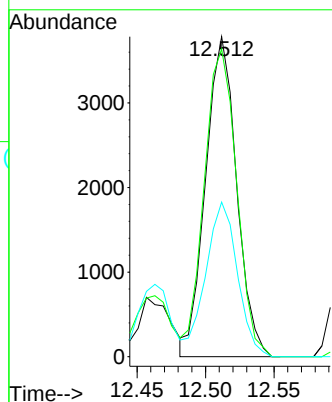
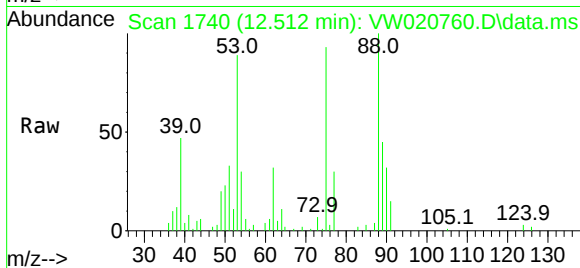




#81
trans-1,4-Dichloro-2-butene
Concen: 22.037 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

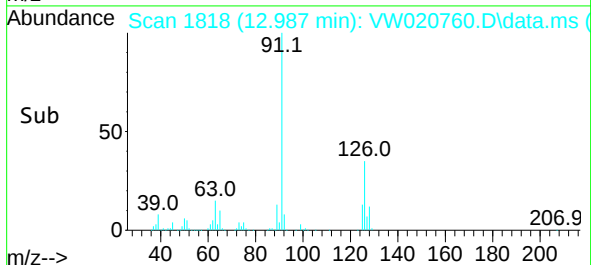
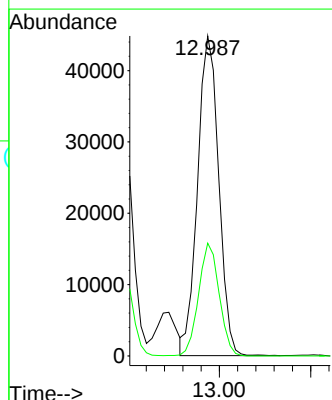
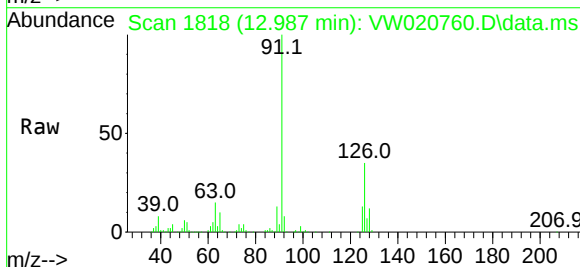
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

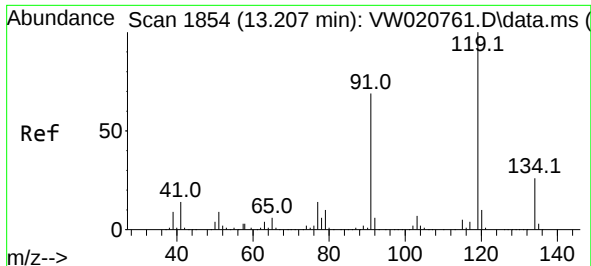
Tgt Ion:	75	Resp:	5941
Ion	Ratio	Lower	Upper
75	100		
53	100.5	67.7	101.5
89	49.7	37.5	56.3



#82
4-Chlorotoluene
Concen: 19.982 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion:	91	Resp:	71774
Ion	Ratio	Lower	Upper
91	100		
126	34.5	17.6	52.8

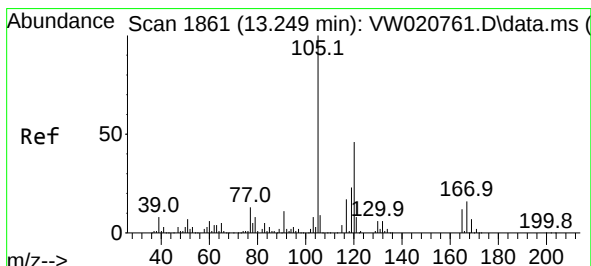
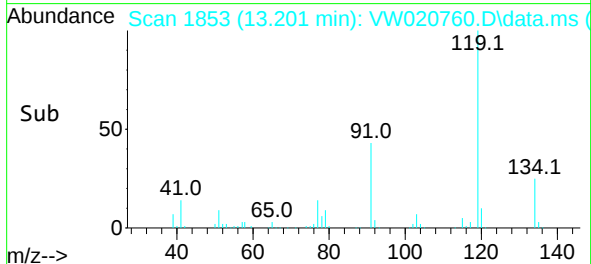
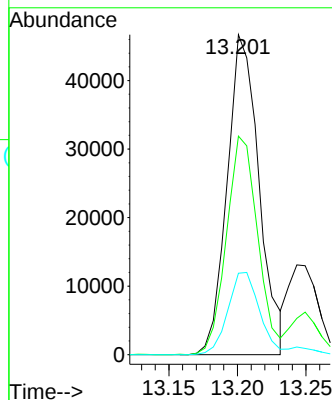
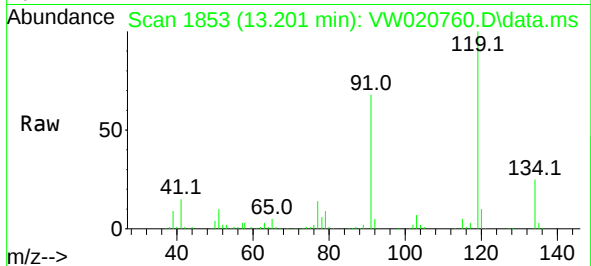




#83
tert-Butylbenzene
Concen: 20.232 ug/l
RT: 13.201 min Scan# 119
Delta R.T. -0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

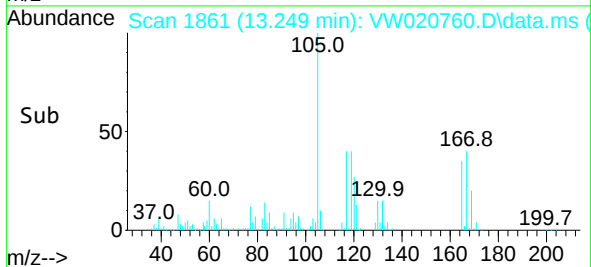
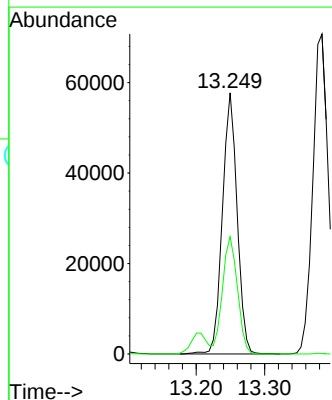
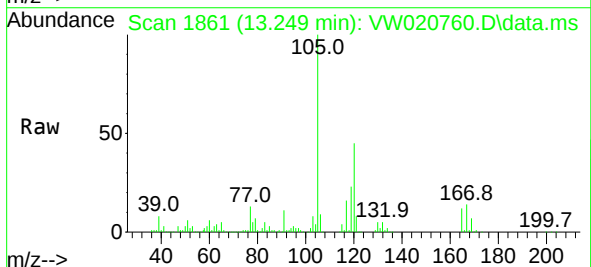
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

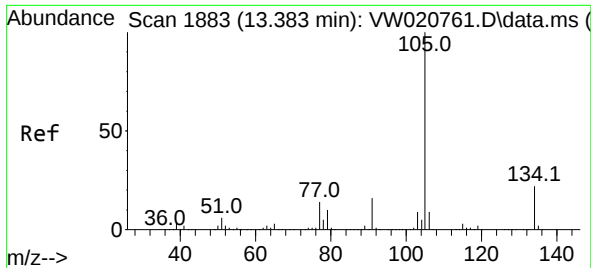
Tgt Ion:119 Resp: 75861
Ion Ratio Lower Upper
119 100
91 67.0 30.9 92.8
134 25.7 12.5 37.5



#84
1,2,4-Trimethylbenzene
Concen: 20.306 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion:105 Resp: 85773
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1

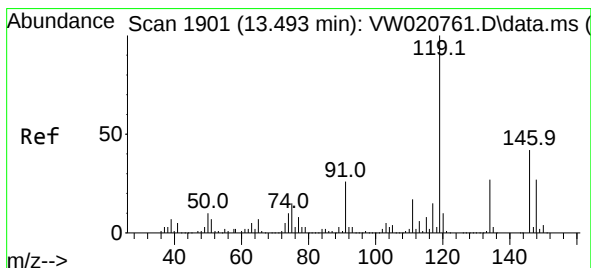
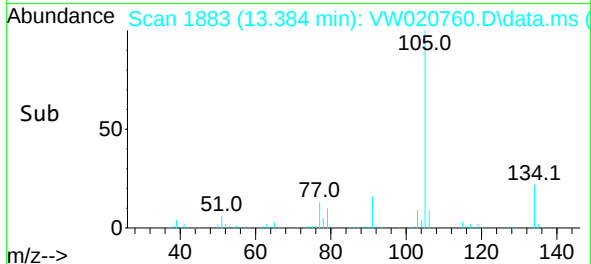
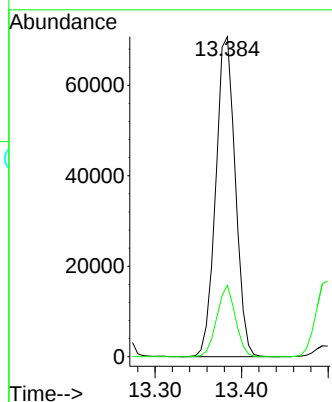
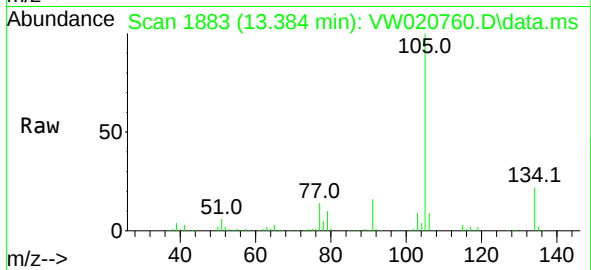




#85
 sec-Butylbenzene
 Concen: 19.564 ug/l
 RT: 13.384 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

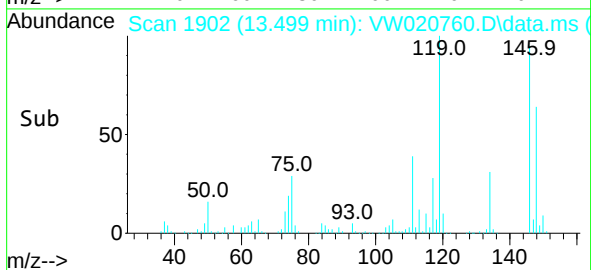
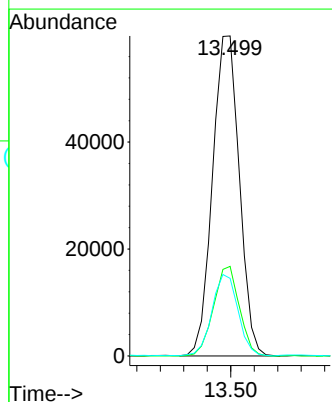
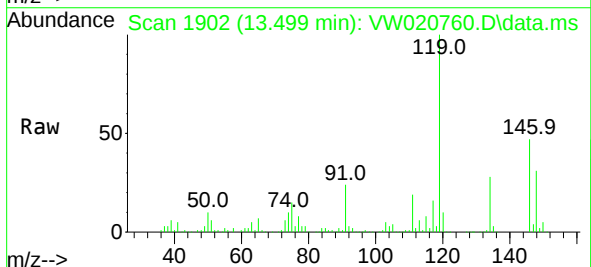
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

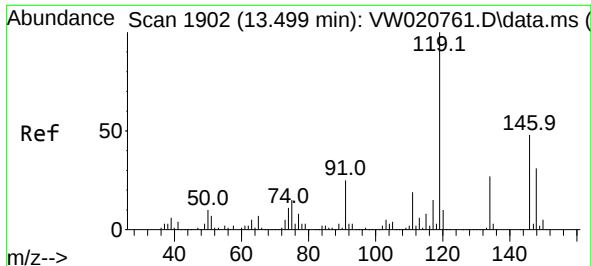
Tgt Ion:105 Resp: 110939
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.956 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.006 min
 Lab File: VW020760.D
 Acq: 04 Nov 2021 14:02

Tgt Ion:119 Resp: 95004
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.8 41.3
 91 24.9 11.2 33.6





#87

1,3-Dichlorobenzene

Concen: 18.112 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC020

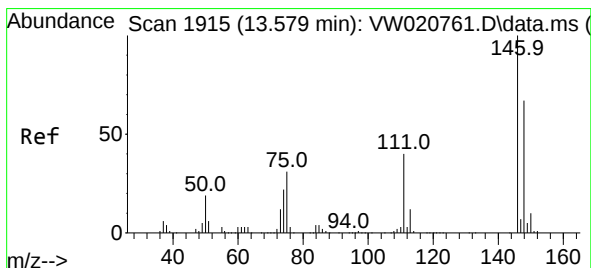
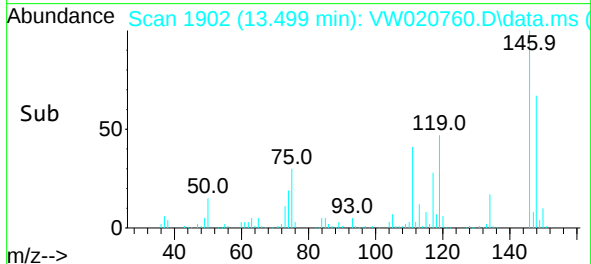
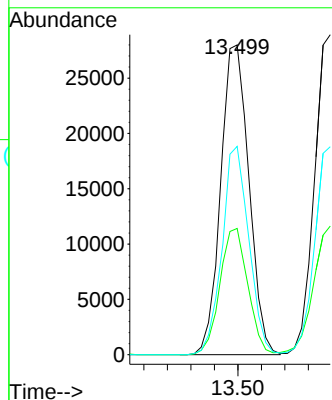
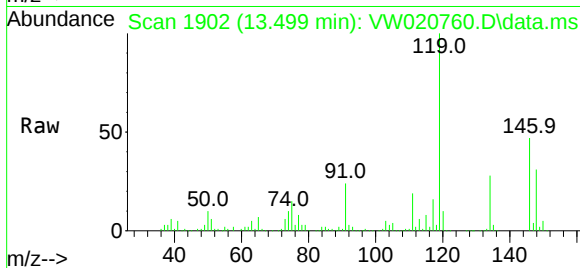
Tgt Ion:146 Resp: 46781

Ion Ratio Lower Upper

146 100

111 40.3 19.0 57.0

148 63.9 30.1 90.3



#88

1,4-Dichlorobenzene

Concen: 18.323 ug/l

RT: 13.579 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

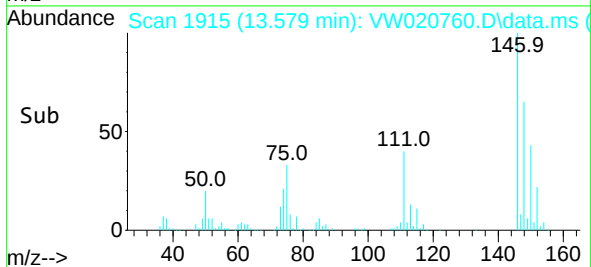
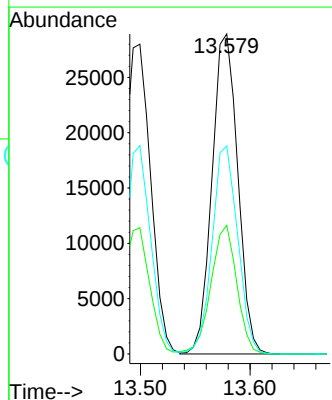
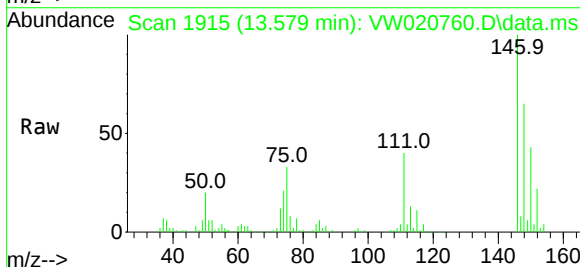
Tgt Ion:146 Resp: 47315

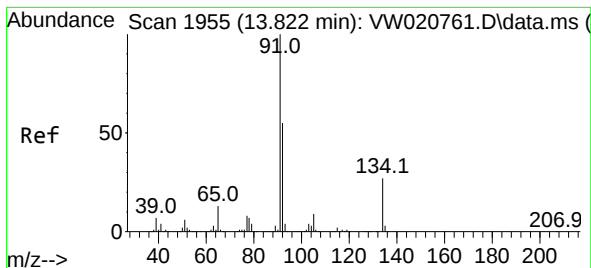
Ion Ratio Lower Upper

146 100

111 40.4 20.1 60.3

148 64.7 33.6 100.8





#89

n-Butylbenzene

Concen: 20.111 ug/l

RT: 13.823 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

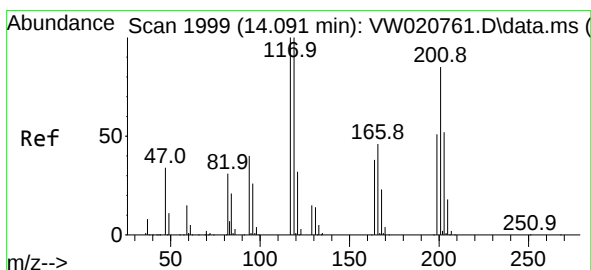
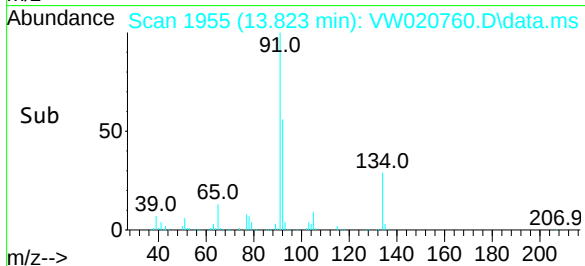
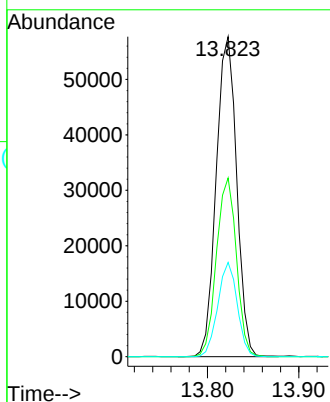
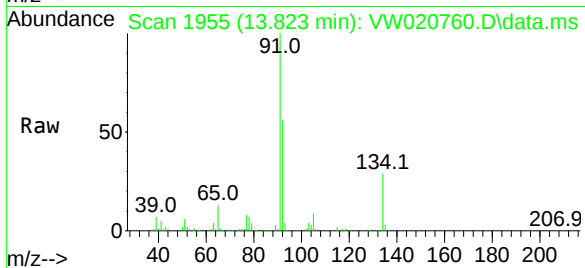
Tgt Ion: 91 Resp: 89873

Ion Ratio Lower Upper

91 100

92 54.5 27.1 81.2

134 28.0 14.4 43.0



#90

Hexachloroethane

Concen: 20.096 ug/l

RT: 14.091 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VW020760.D

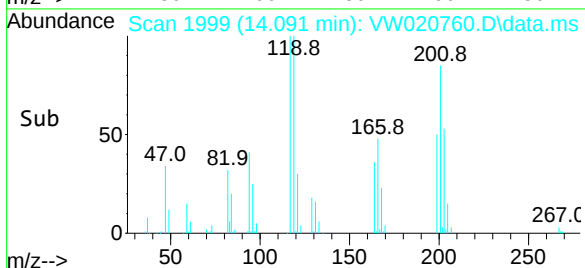
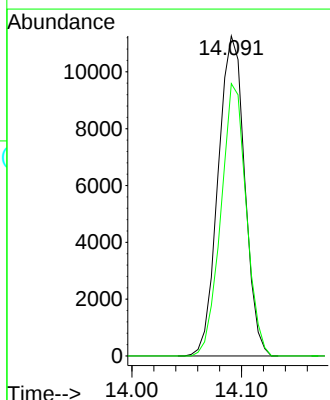
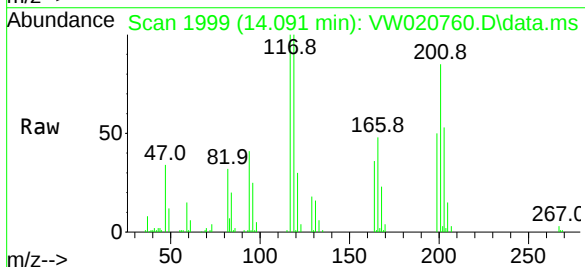
Acq: 04 Nov 2021 14:02

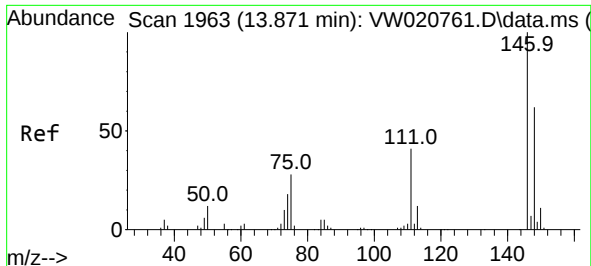
Tgt Ion: 117 Resp: 18938

Ion Ratio Lower Upper

117 100

201 81.1 36.5 109.5





#91

1,2-Dichlorobenzene

Concen: 17.673 ug/l

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

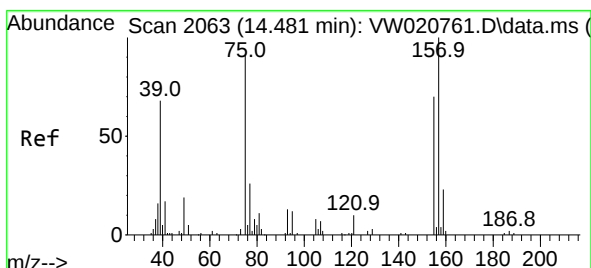
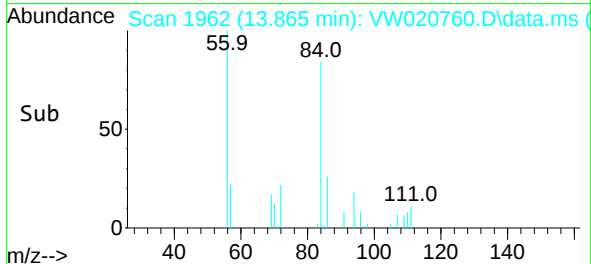
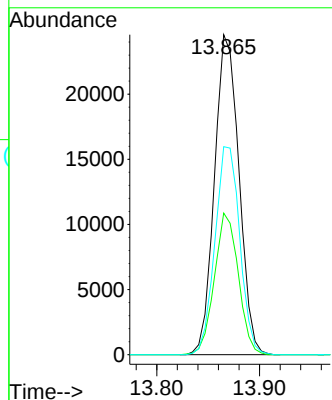
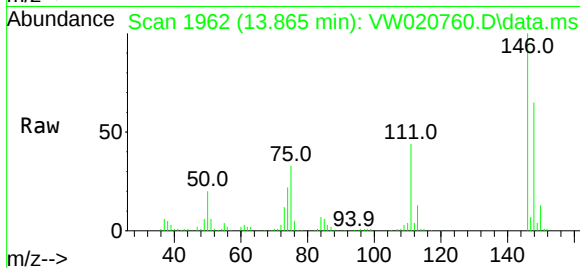
Tgt Ion:146 Resp: 40648

Ion Ratio Lower Upper

146 100

111 43.3 21.1 63.3

148 65.9 33.2 99.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.908 ug/l

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

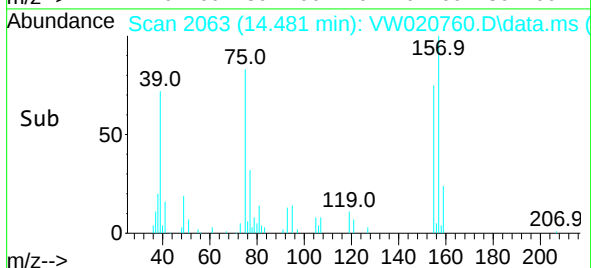
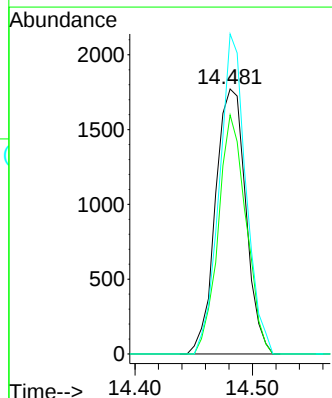
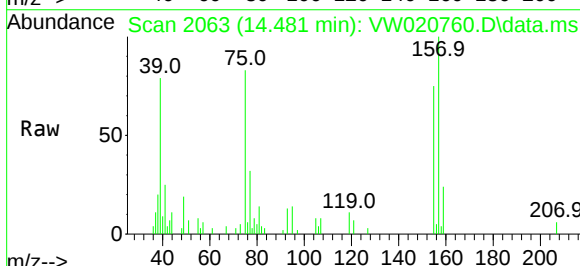
Tgt Ion: 75 Resp: 3169

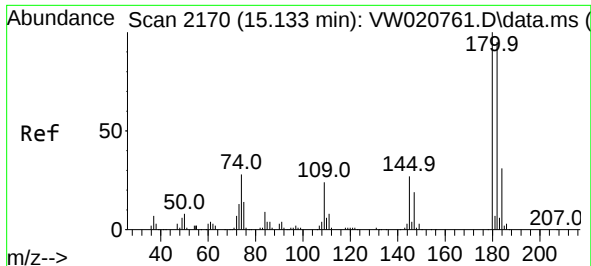
Ion Ratio Lower Upper

75 100

155 82.9 52.8 158.4

157 106.2 61.5 184.4

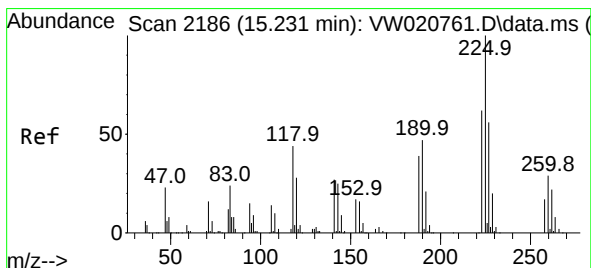
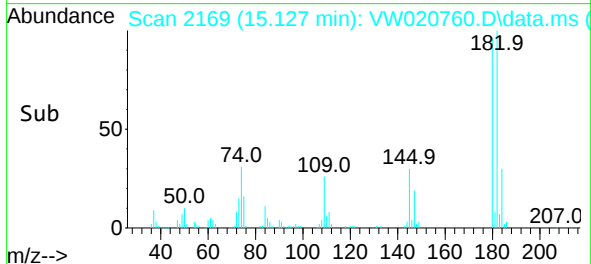
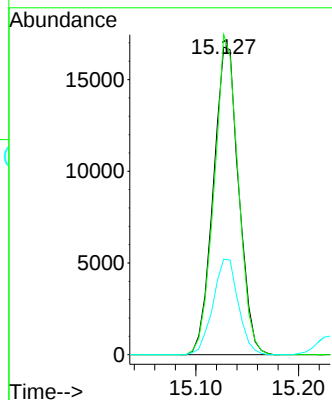
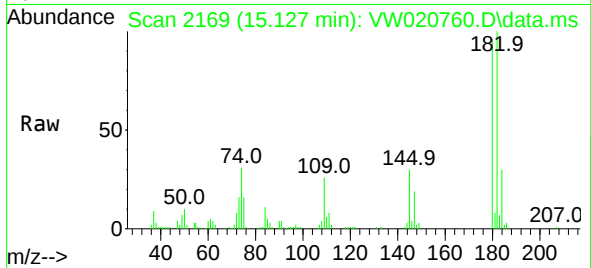




#93
1,2,4-Trichlorobenzene
Concen: 19.700 ug/l
RT: 15.127 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

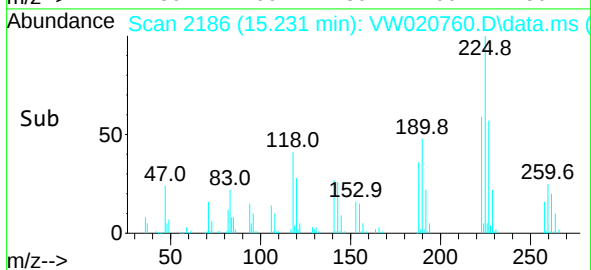
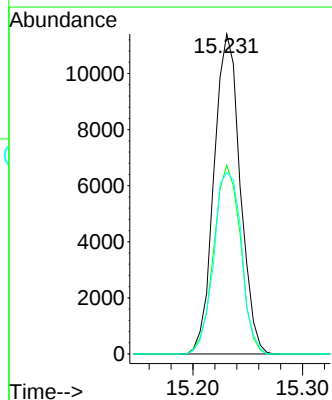
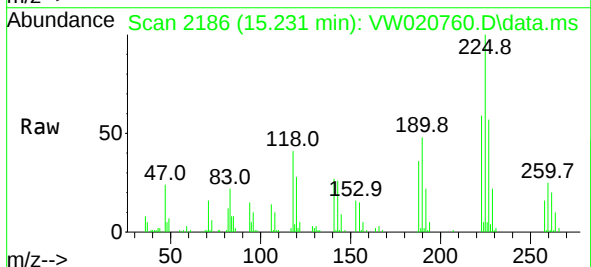
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

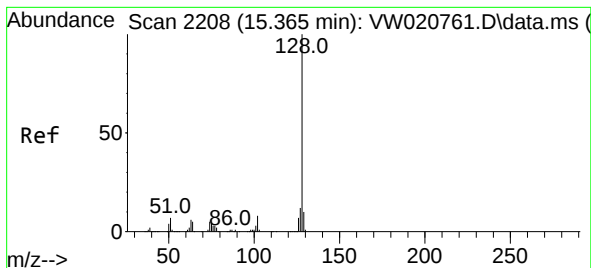
Tgt Ion:180 Resp: 28786
Ion Ratio Lower Upper
180 100
182 97.9 47.1 141.3
145 30.9 14.7 44.1



#94
Hexachlorobutadiene
Concen: 22.786 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020760.D
Acq: 04 Nov 2021 14:02

Tgt Ion:225 Resp: 18906
Ion Ratio Lower Upper
225 100
223 60.2 34.6 103.9
227 60.4 30.6 92.0





#95

Naphthalene

Concen: 20.248 ug/l

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

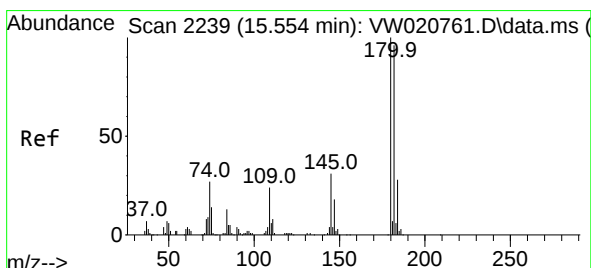
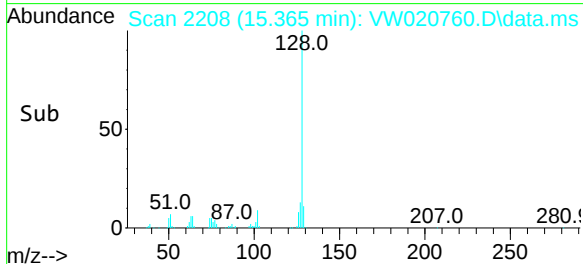
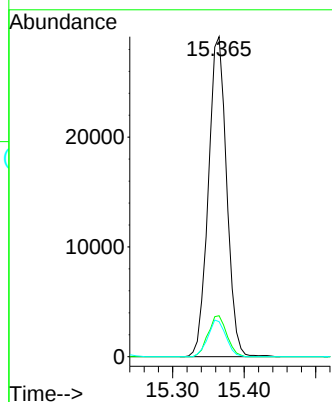
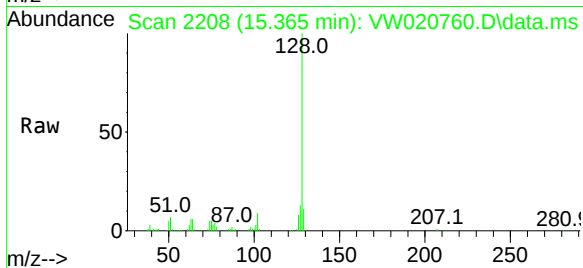
Tgt Ion:128 Resp: 51699

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.3 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 20.124 ug/l

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW020760.D

Acq: 04 Nov 2021 14:02

Tgt Ion:180 Resp: 25171

Ion Ratio Lower Upper

180 100

182 93.9 47.3 141.8

145 31.1 16.3 48.8

