

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW113021\
 Data File : VW020994.D
 Acq On : 30 Nov 2021 18:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 01 00:03:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 01 00:01:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	104240	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	96067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	52412	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	22670	18.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
7) Chloroethane-d5	2.891	69	19655	25.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	4.025	63	54102	23.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.520%
21) 2-Butanone-d5	7.079	46	13162	43.612	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.220%
24) Chloroform-d	7.652	84	64644	24.612	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.440%
26) 1,2-Dichloroethane-d4	8.305	65	31893	23.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.680%
32) Benzene-d6	8.274	84	122540	24.202	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	9.274	67	33667	23.351	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.400%
41) Toluene-d8	10.323	98	122521	24.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.520%
43) trans-1,3-Dichloroprop...	10.579	79	14560	21.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.480%
47) 2-Hexanone-d5	10.926	63	10835	45.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.620%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25740	23.305	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	42960	22.997	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.000%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.013	85	7162	23.740	ug/L	92
3) Chloromethane	2.221	50	18771	20.466	ug/L	100
5) Vinyl chloride	2.361	62	38200	24.079	ug/L	98
6) Bromomethane	2.787	94	23805	27.061	ug/L	96
8) Chloroethane	2.928	64	18311	27.455	ug/L	98
9) Trichlorofluoromethane	3.263	101	26367	28.533	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37021	26.353	ug/L	90
12) 1,1-Dichloroethene	4.043	96	32683	25.024	ug/L	82
13) Acetone	4.117	43	11461	42.534	ug/L	90
14) Carbon disulfide	4.391	76	76247	21.586	ug/L	99
15) Methyl Acetate	4.677	43	11402	23.596	ug/L	# 88
16) Methylene chloride	4.921	84	34845	23.968	ug/L	87
17) trans-1,2-Dichloroethene	5.433	96	34271	24.347	ug/L	83
18) Methyl tert-butyl Ether	5.433	73	51668	24.453	ug/L	94
19) 1,1-Dichloroethane	6.220	63	58768	25.197	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	38768	25.554	ug/L	70
22) 2-Butanone	7.171	43	15661	42.778	ug/L	85
23) Bromochloromethane	7.518	128	17765	25.614	ug/L	# 66
25) Chloroform	7.677	83	66810	26.208	ug/L	97

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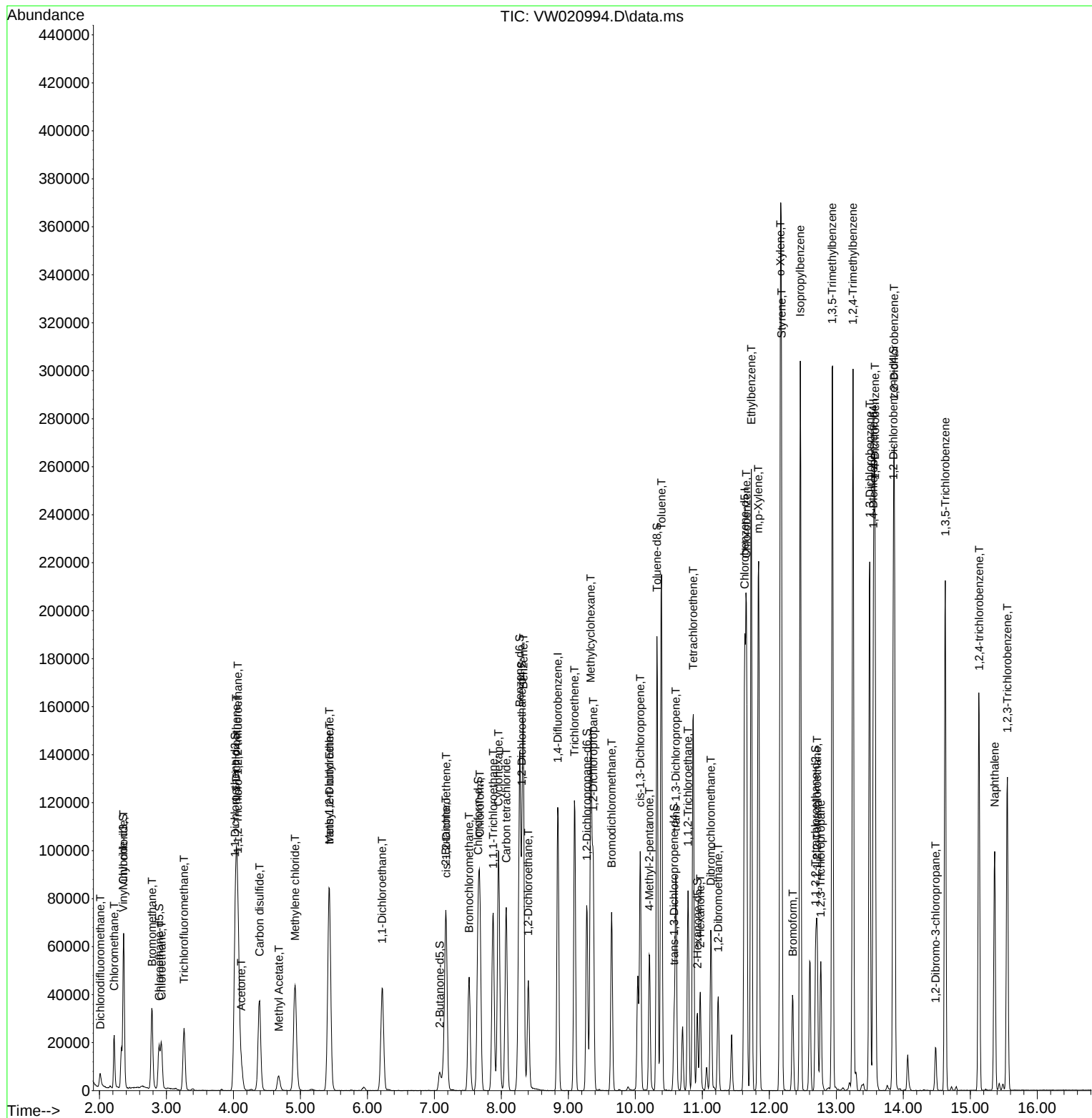
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	39262	25.435	ug/L #	95
29) Cyclohexane	7.957	56	50922	23.776	ug/L #	83
30) 1,1,1-Trichloroethane	7.878	97	59979	25.963	ug/L	94
31) Carbon tetrachloride	8.073	117	57089	26.109	ug/L	97
33) Benzene	8.329	78	137953	25.362	ug/L	100
34) Trichloroethene	9.091	95	39400	25.897	ug/L	93
35) Methylcyclohexane	9.335	83	61686	24.592	ug/L #	85
37) 1,2-Dichloropropane	9.372	63	32523	25.692	ug/L #	96
38) Bromodichloromethane	9.646	83	46191	25.426	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	51725	24.748	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	36065	47.866	ug/L #	94
42) Toluene	10.390	91	155613	25.435	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	45046	24.523	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	25251	25.647	ug/L	93
46) Tetrachloroethene	10.865	164	35075	25.109	ug/L	95
48) 2-Hexanone	10.969	43	24639	47.209	ug/L #	92
49) Dibromochloromethane	11.127	129	33304	24.536	ug/L	93
50) 1,2-Dibromoethane	11.237	107	25319	25.650	ug/L #	98
51) Chlorobenzene	11.658	112	106775	26.240	ug/L	92
52) Ethylbenzene	11.731	91	178448	26.322	ug/L	97
53) m,p-Xylene	11.835	106	71826	25.950	ug/L	88
54) o-Xylene	12.164	106	68814	25.887	ug/L	90
55) Styrene	12.182	104	113641	25.746	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	28189	25.832	ug/L #	97
59) Bromoform	12.353	173	17520	22.419	ug/L	97
60) Isopropylbenzene	12.463	105	188878	26.459	ug/L	95
61) 1,2,3-Trichloropropane	12.767	75	20011	26.029	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	160406	26.636	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	157465	26.502	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	90826	27.137	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	86978	25.763	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	78283	26.543	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.480	75	4348	23.657	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	63653	24.012	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	52506	24.211	ug/L	97
71) Naphthalene	15.365	128	84744	23.982	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	44185	24.144	ug/L	95

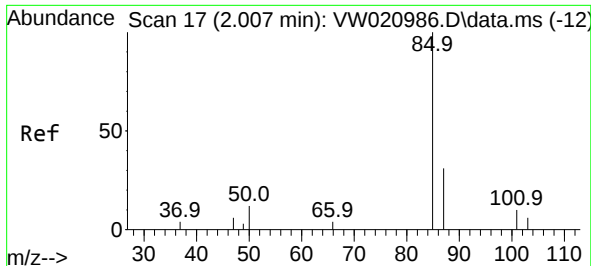
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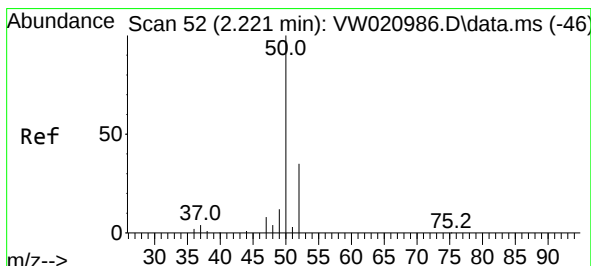
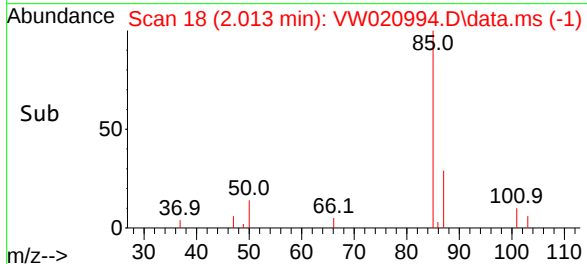
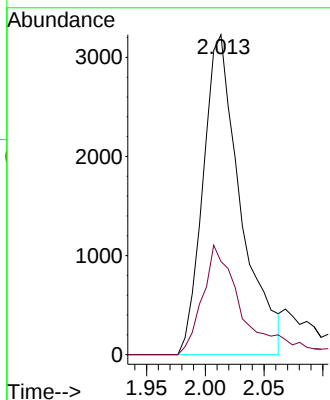
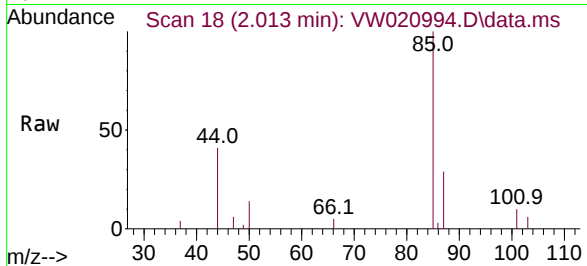




#2
 Dichlorodifluoromethane
 Concen: 23.740 ug/L
 RT: 2.013 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW020994.D
 Acq: 30 Nov 2021 18:58

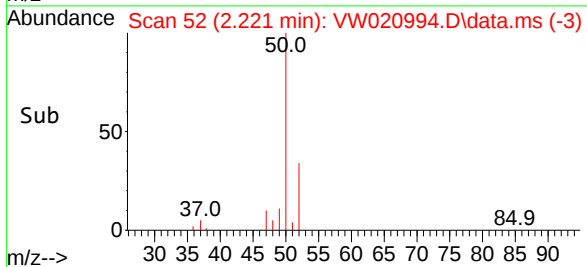
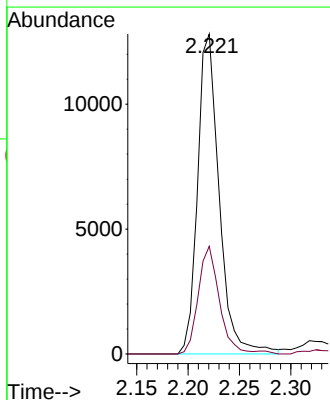
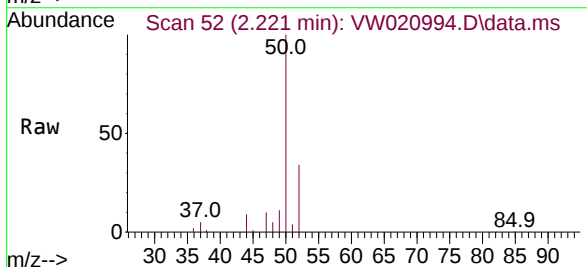
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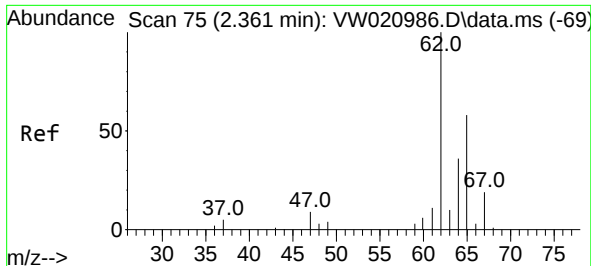
Tgt Ion: 85 Resp: 7162
 Ion Ratio Lower Upper
 85 100
 87 36.4 25.8 38.6



#3
 Chloromethane
 Concen: 20.466 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW020994.D
 Acq: 30 Nov 2021 18:58

Tgt Ion: 50 Resp: 18771
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.6



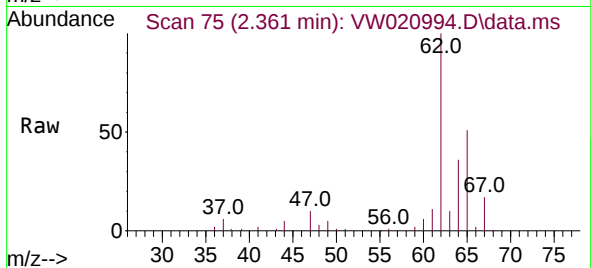


#5
 Vinyl chloride
 Concen: 24.079 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW020994.D
 Acq: 30 Nov 2021 18:58

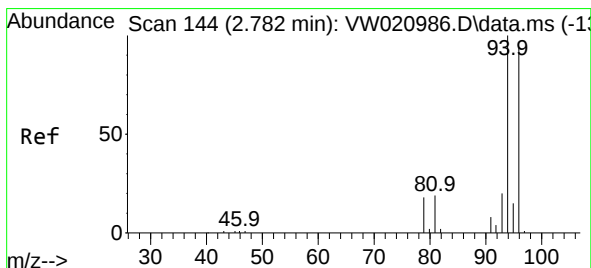
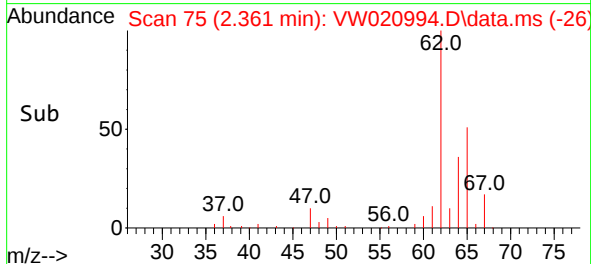
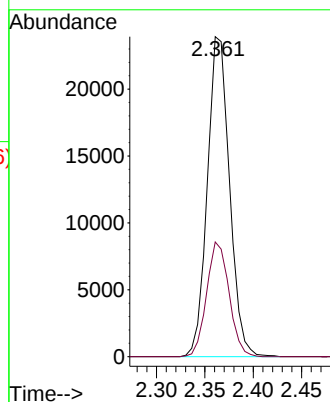
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MSVOA_W

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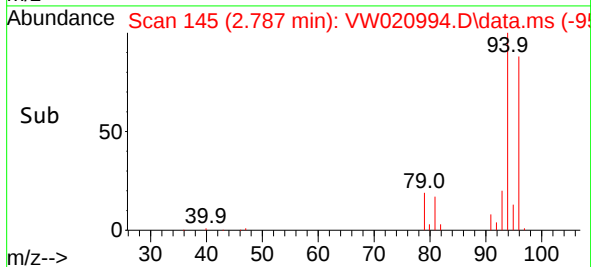
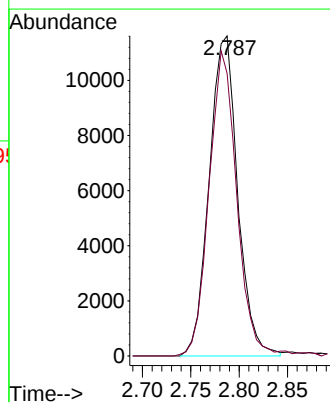
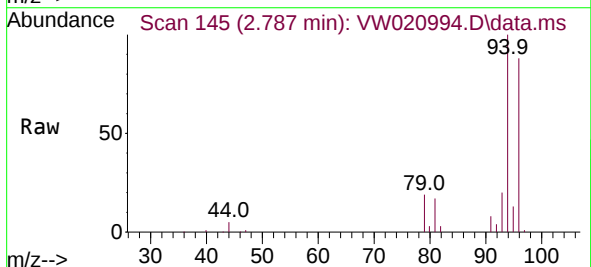


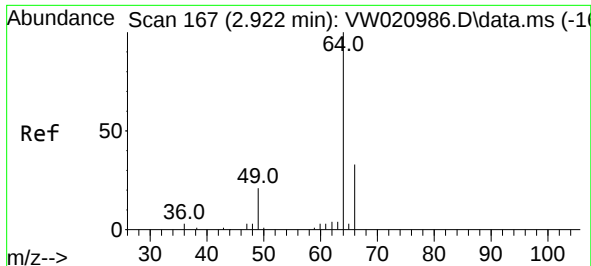
Tgt Ion: 62 Resp: 38200
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.4 45.2



#6
 Bromomethane
 Concen: 27.061 ug/L
 RT: 2.787 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW020994.D
 Acq: 30 Nov 2021 18:58

Tgt Ion: 94 Resp: 23805
 Ion Ratio Lower Upper
 94 100
 96 88.4 64.8 120.4

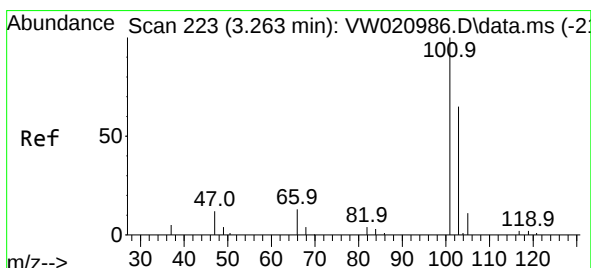
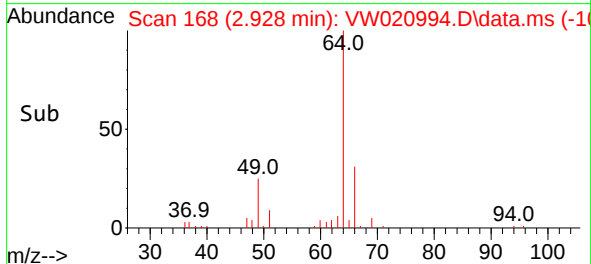
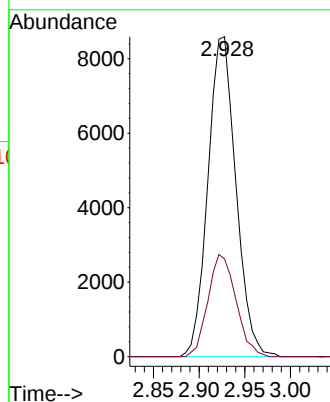
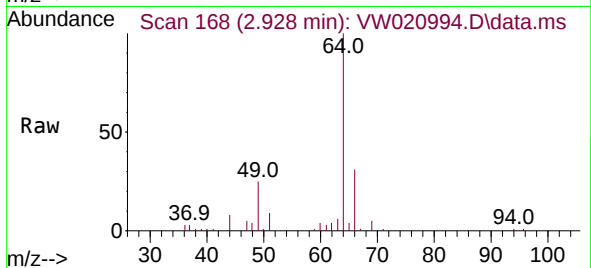




#8
Chloroethane
Concen: 27.455 ug/L
RT: 2.928 min Scan# 167
Delta R.T. 0.006 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

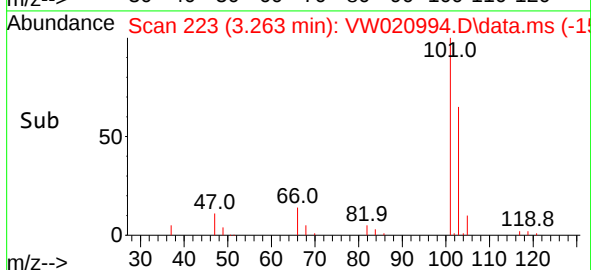
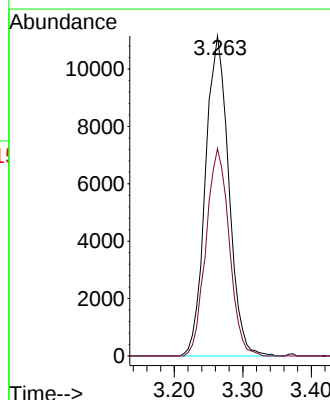
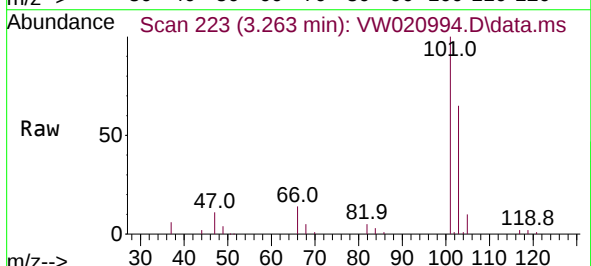
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MSVOA_W
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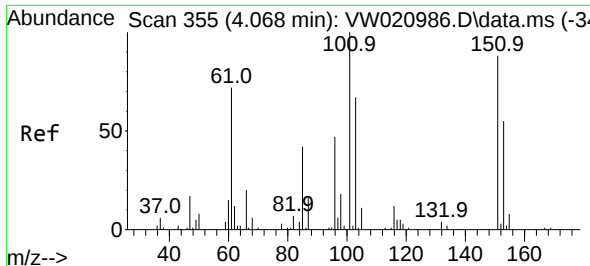
Tgt Ion: 64 Resp: 18311
Ion Ratio Lower Upper
64 100
66 30.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 28.533 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion:101 Resp: 26367
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

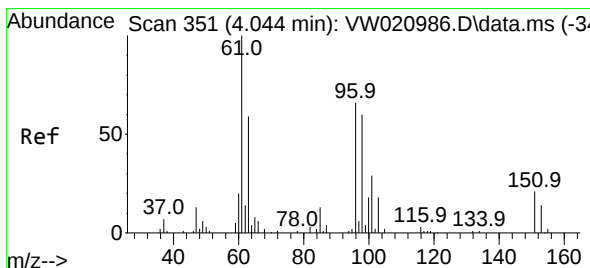
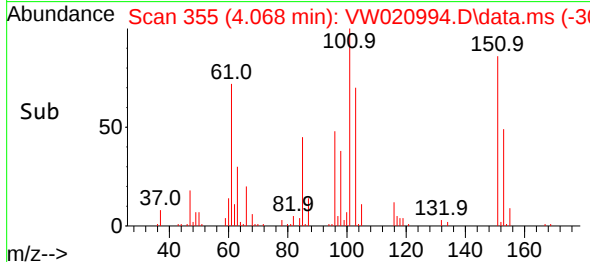
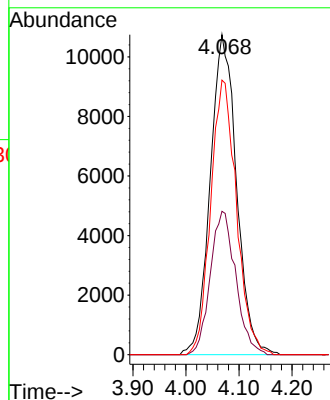
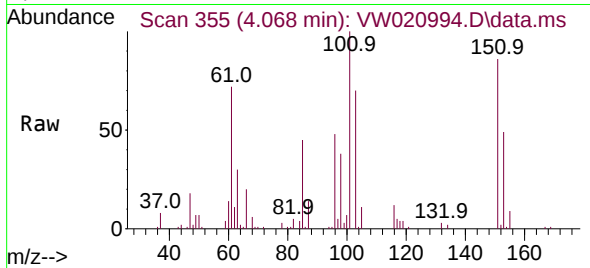




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.353 ug/L
 RT: 4.068 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW020994.D
 Acq: 30 Nov 2021 18:58

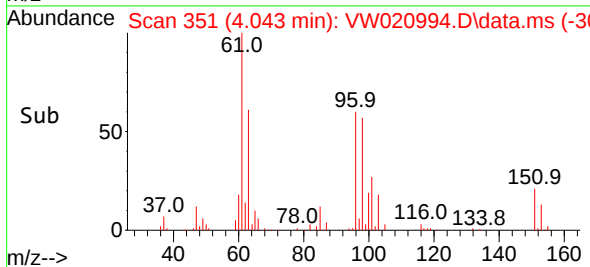
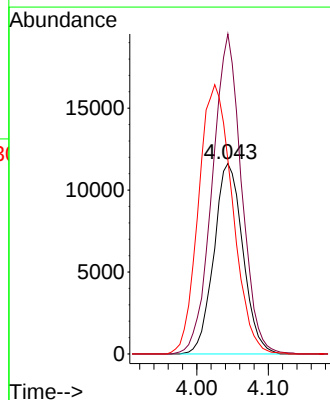
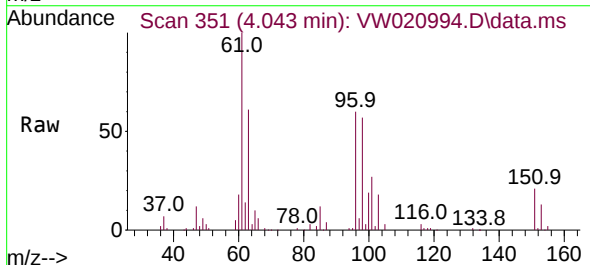
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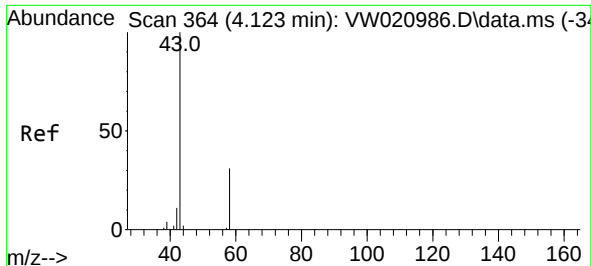
Tgt Ion:101 Resp: 37021
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.6 54.8
 151 83.9 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 25.024 ug/L
 RT: 4.043 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW020994.D
 Acq: 30 Nov 2021 18:58

Tgt Ion: 96 Resp: 32683
 Ion Ratio Lower Upper
 96 100
 61 168.0 138.3 256.9
 63 101.8 82.6 153.4

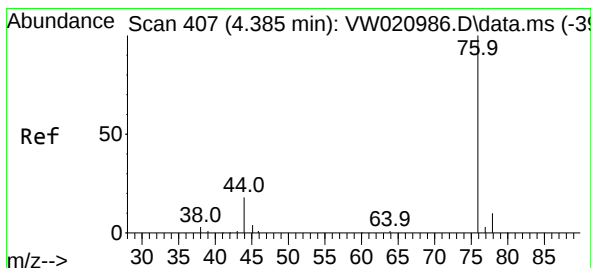
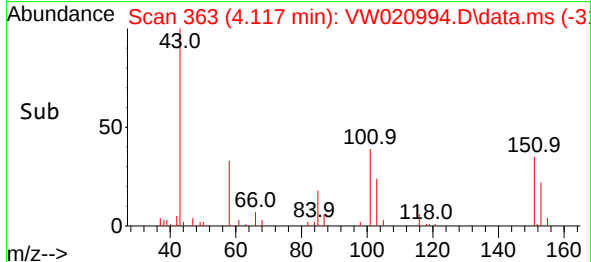
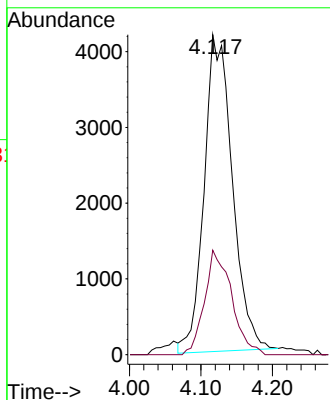
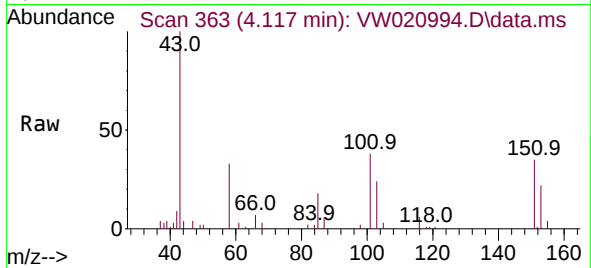




#13
Acetone
Concen: 42.534 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

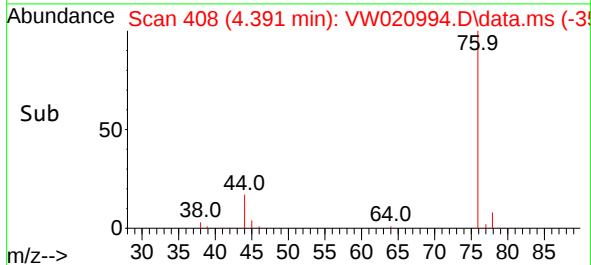
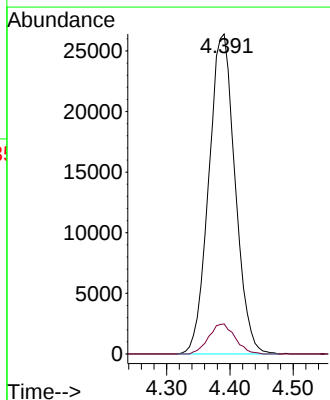
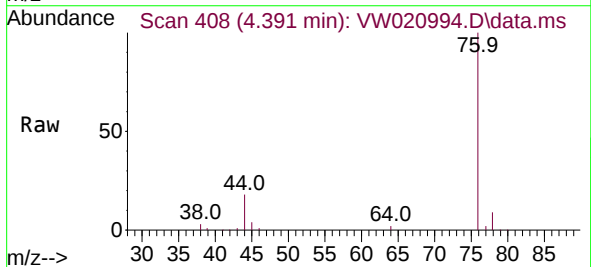
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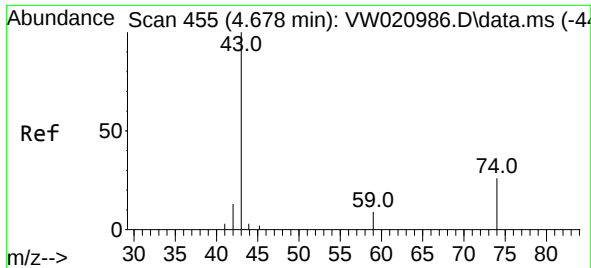
Tgt Ion: 43 Resp: 11461
Ion Ratio Lower Upper
43 100
58 31.7 0.0 52.8



#14
Carbon disulfide
Concen: 21.586 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 76247
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

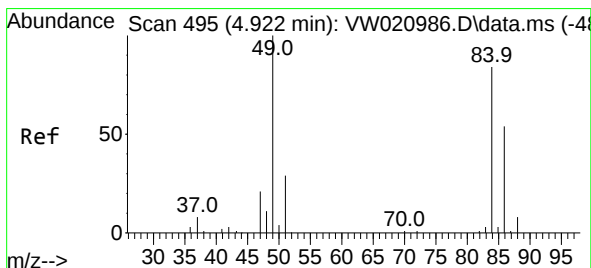
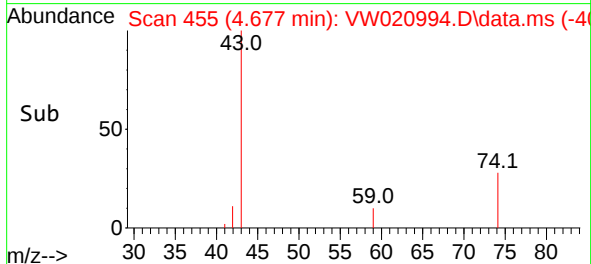
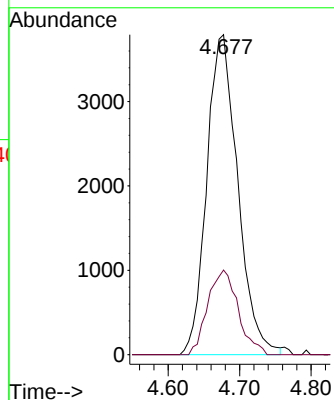
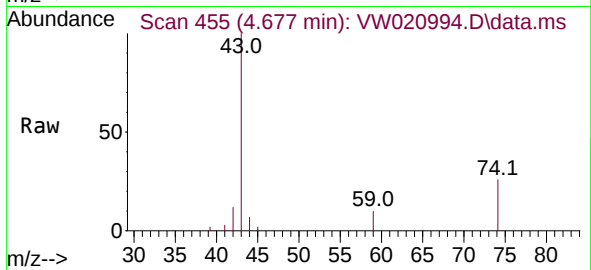




#15
Methyl Acetate
Concen: 23.596 ug/L
RT: 4.677 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

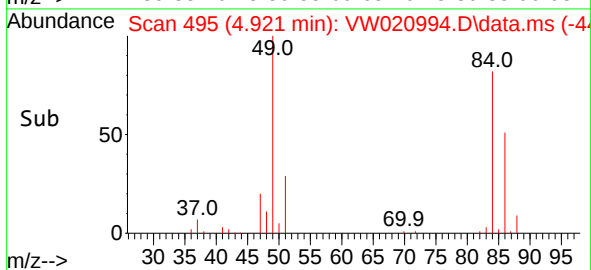
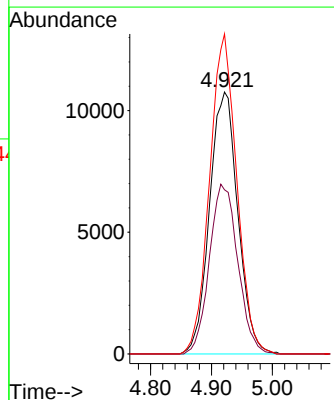
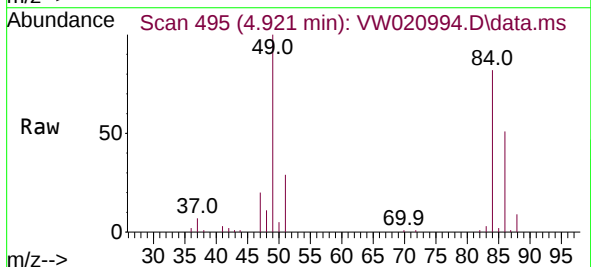
Instrument :
MSVOA_W
ClientSampleId :

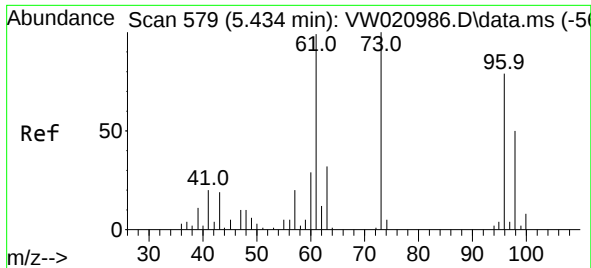
Tgt Ion: 43 Resp: 11402
Ion Ratio Lower Upper
43 100
74 26.0 16.4 24.6#



#16
Methylene chloride
Concen: 23.968 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion: 84 Resp: 34845
Ion Ratio Lower Upper
84 100
86 62.6 45.5 84.5
49 122.2 100.5 186.7

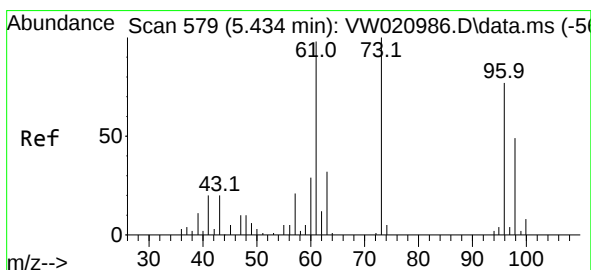
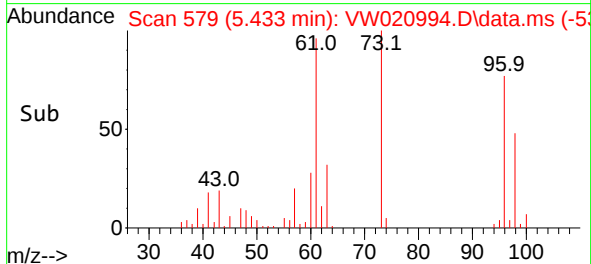
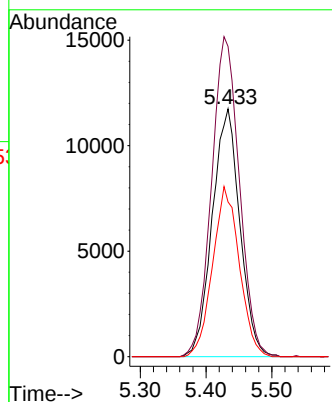
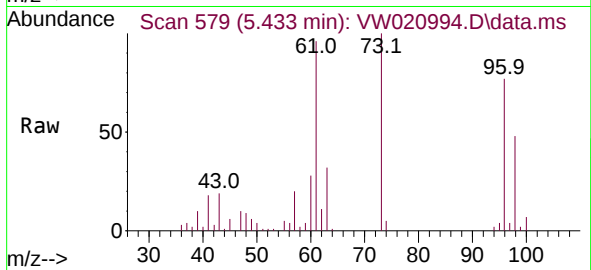




#17
trans-1,2-Dichloroethene
Concen: 24.347 ug/L
RT: 5.433 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

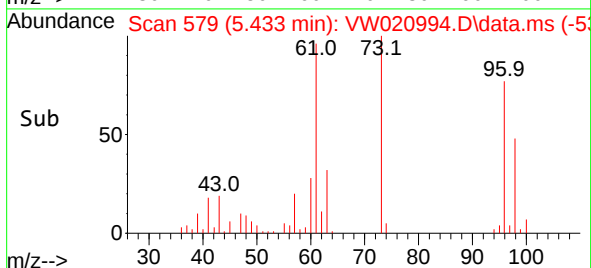
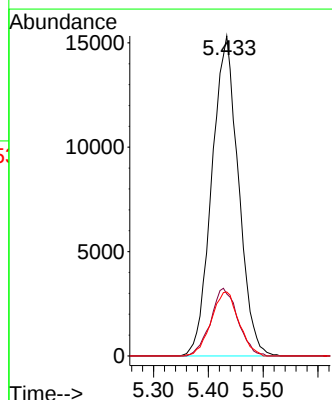
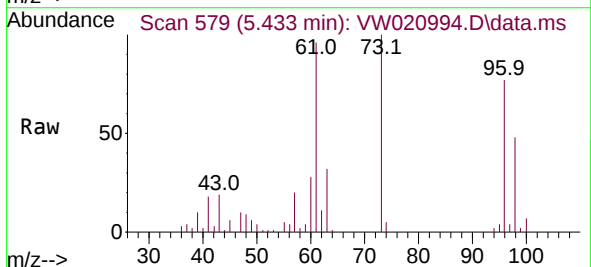
Instrument :
MSVOA_W
ClientSampleId :

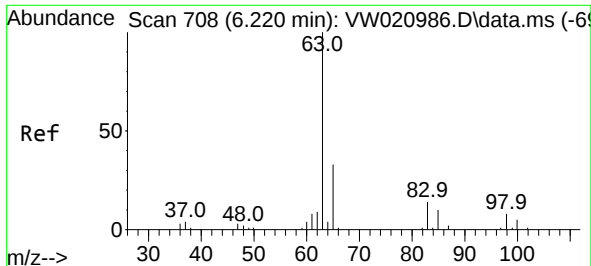
Tgt Ion: 96 Resp: 34271
Ion Ratio Lower Upper
96 100
61 125.2 107.4 199.4
98 62.5 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 24.453 ug/L
RT: 5.433 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion: 73 Resp: 51668
Ion Ratio Lower Upper
73 100
43 21.6 19.5 29.3
57 20.8 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.197 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW020994.D

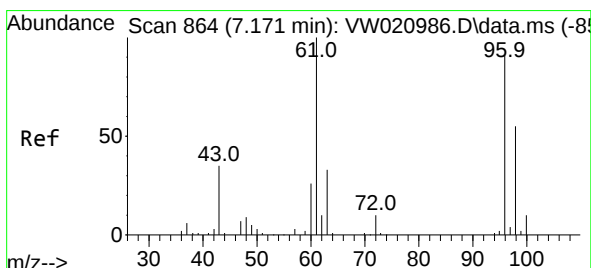
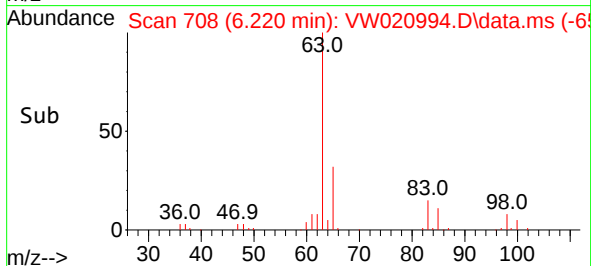
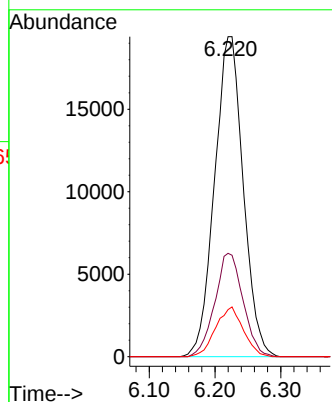
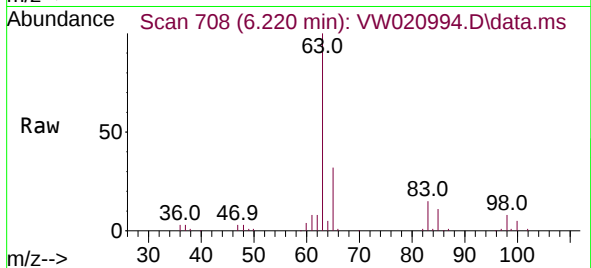
Acq: 30 Nov 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	58768
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.1	41.1
83	14.7	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 25.554 ug/L

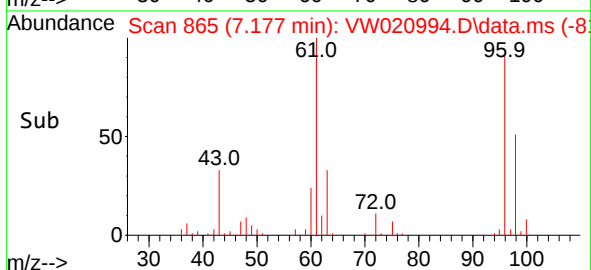
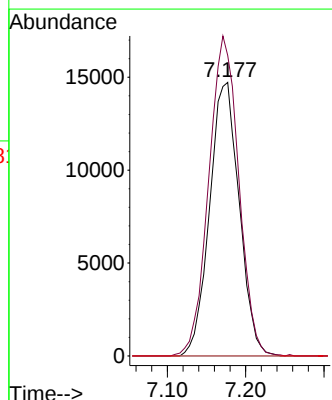
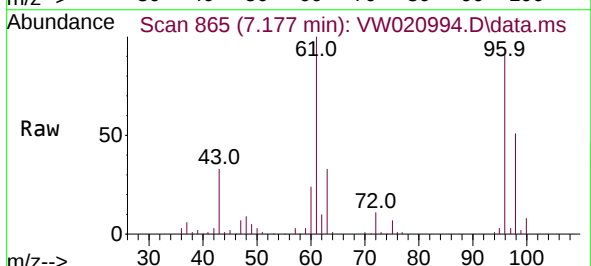
RT: 7.177 min Scan# 865

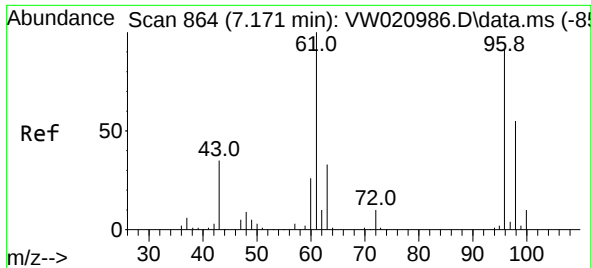
Delta R.T. 0.006 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

Tgt Ion:	96	Resp:	38768
Ion	Ratio	Lower	Upper
96	100		
61	109.8	103.7	192.7
68	0.0	0.0	0.0

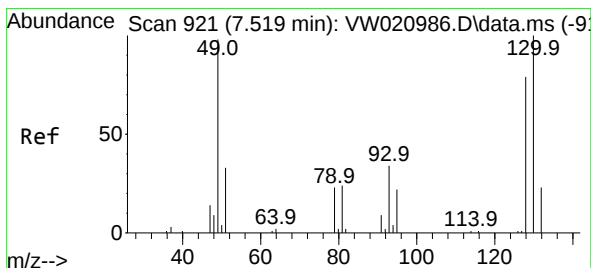
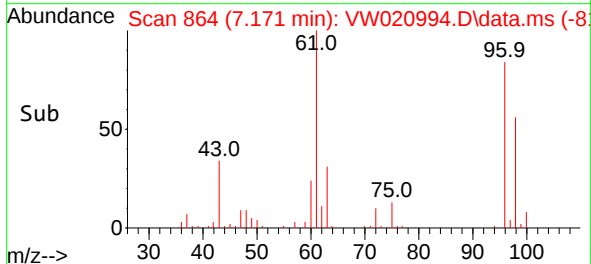
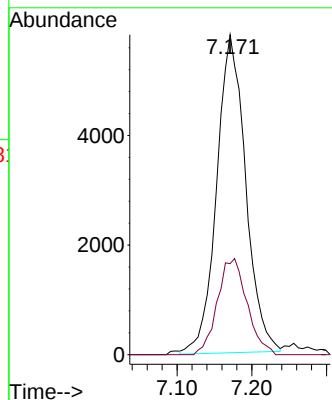
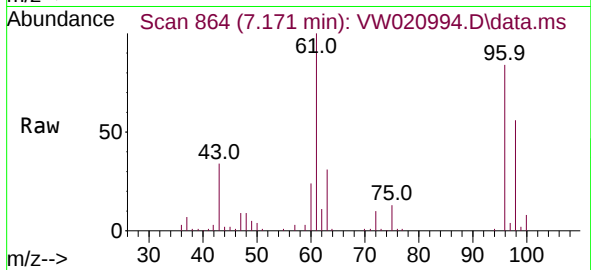




#22
2-Butanone
Concen: 42.778 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

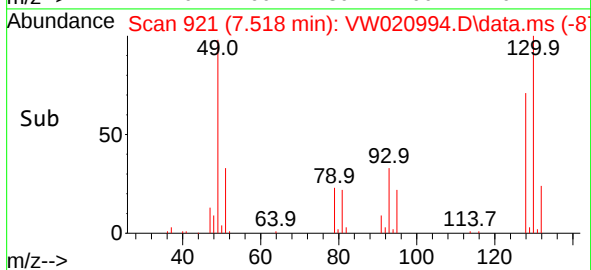
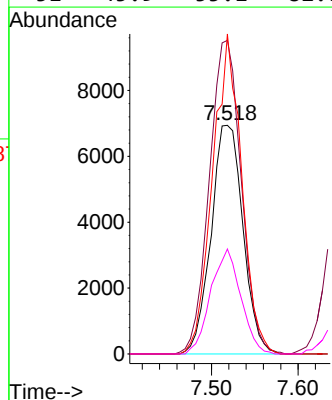
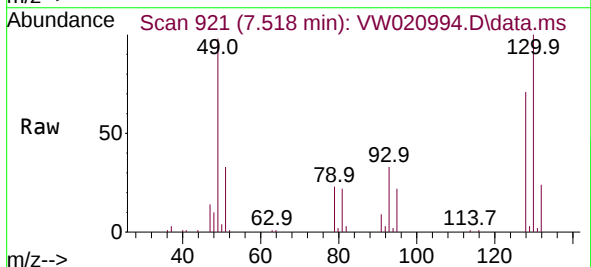
Instrument :
MSVOA_W
ClientSampleId :

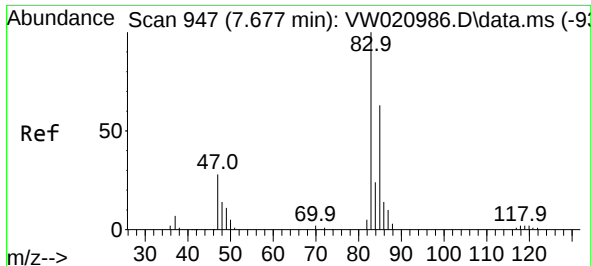
Tgt Ion: 43 Resp: 15661
Ion Ratio Lower Upper
43 100
72 30.8 11.8 35.4



#23
Bromochloromethane
Concen: 25.614 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion: 128 Resp: 17765
Ion Ratio Lower Upper
128 100
49 137.2 150.3 279.1#
130 139.9 88.3 163.9
51 45.9 55.1 82.7#





#25

Chloroform

Concen: 26.208 ug/L

RT: 7.677 min Scan# 94

Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

Instrument :

MSVOA_W

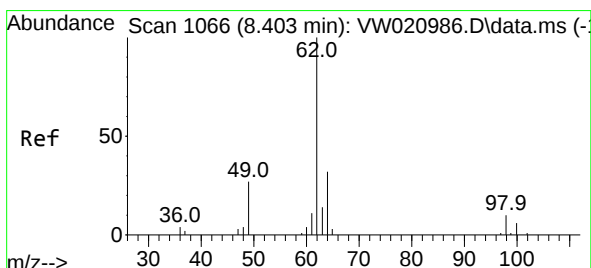
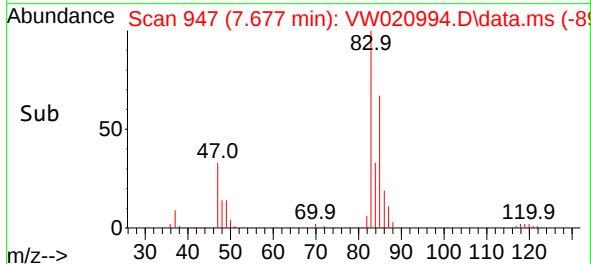
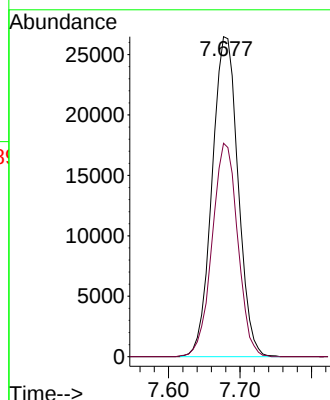
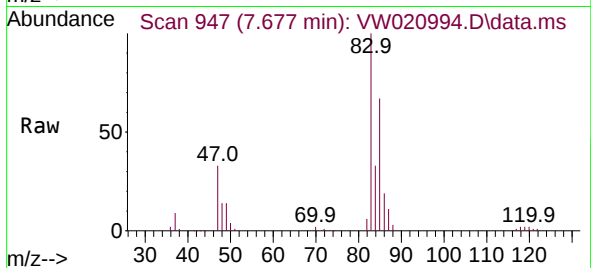
ClientSampleId :

Tgt Ion: 83 Resp: 66810

Ion Ratio Lower Upper

83 100

85 66.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 25.435 ug/L

RT: 8.402 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW020994.D

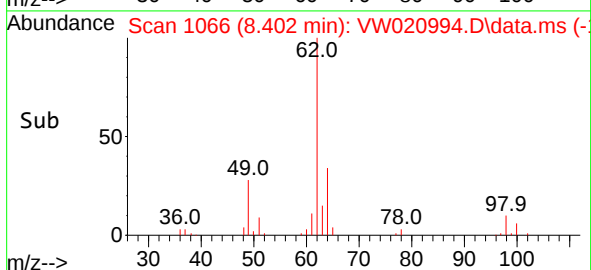
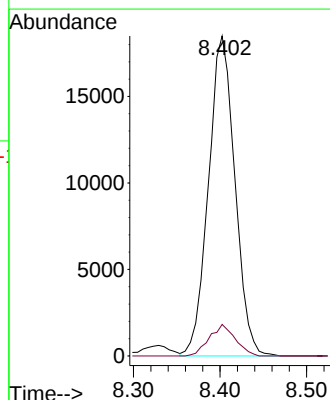
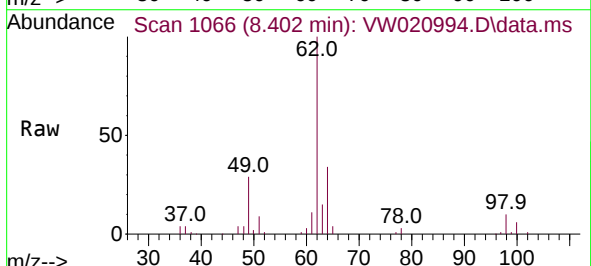
Acq: 30 Nov 2021 18:58

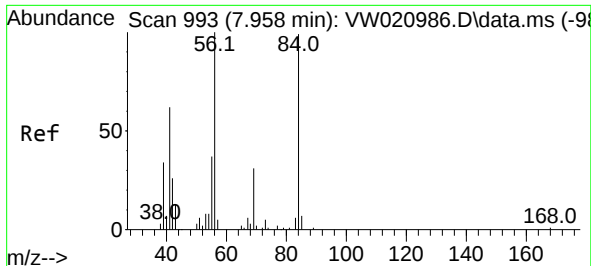
Tgt Ion: 62 Resp: 39262

Ion Ratio Lower Upper

62 100

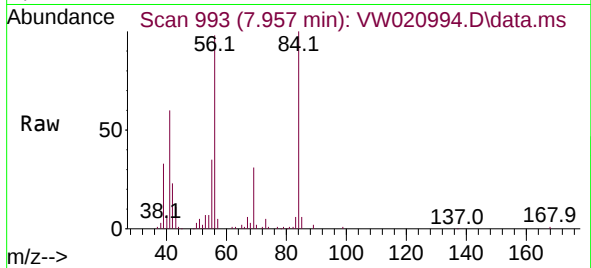
98 9.8 6.5 9.7#



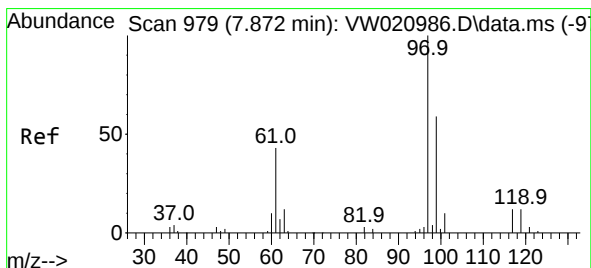
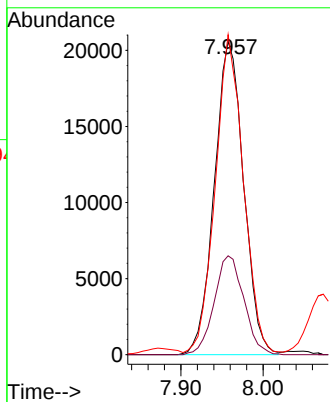
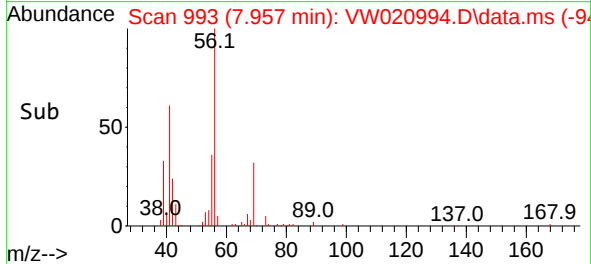


#29
Cyclohexane
Concen: 23.776 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Instrument :
MSVOA_W
ClientSampleId :

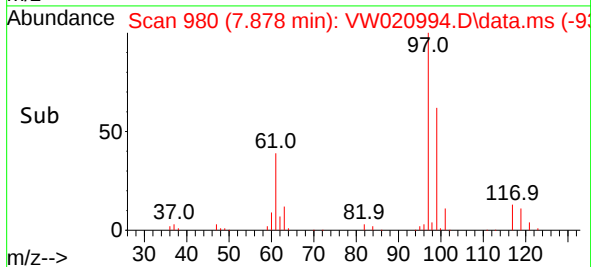
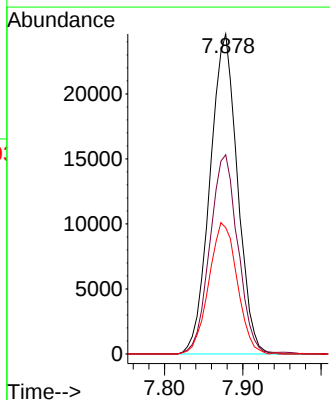
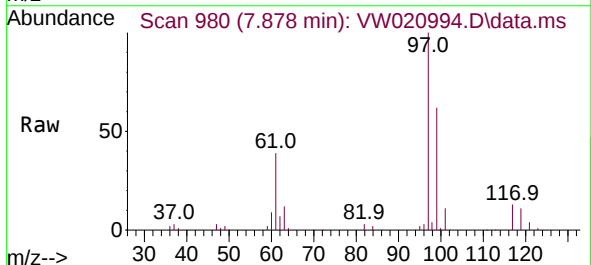


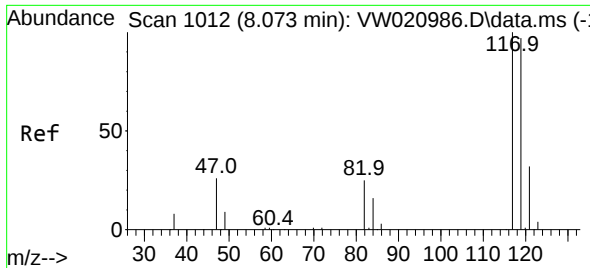
Tgt Ion: 56 Resp: 50922
Ion Ratio Lower Upper
56 100
69 31.9 23.5 35.3
84 98.5 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 25.963 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion: 97 Resp: 59979
Ion Ratio Lower Upper
97 100
99 63.5 51.6 77.4
61 42.3 40.9 61.3

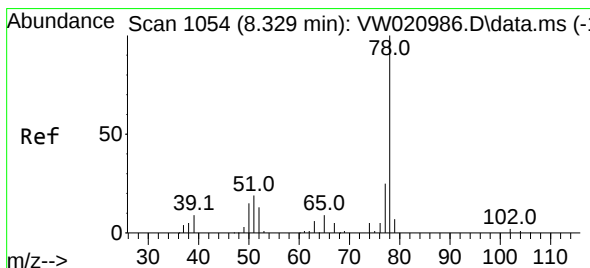
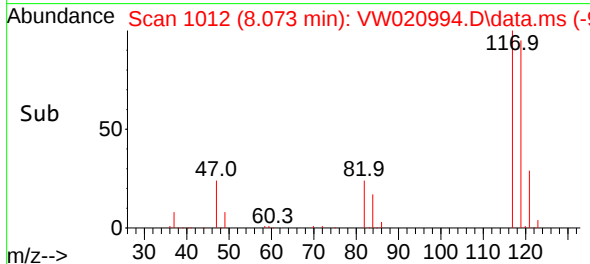
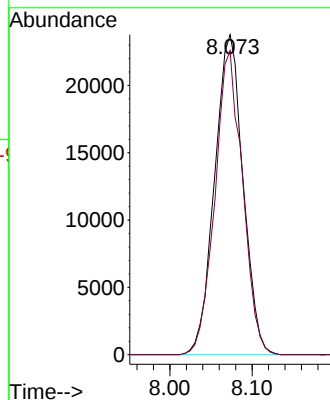
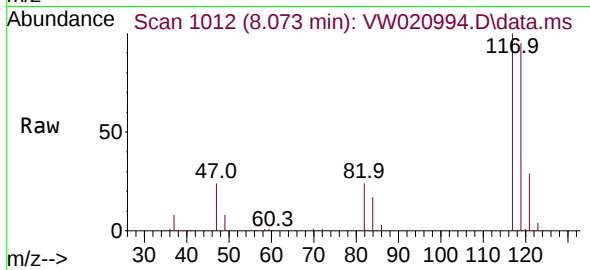




#31
Carbon tetrachloride
Concen: 26.109 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

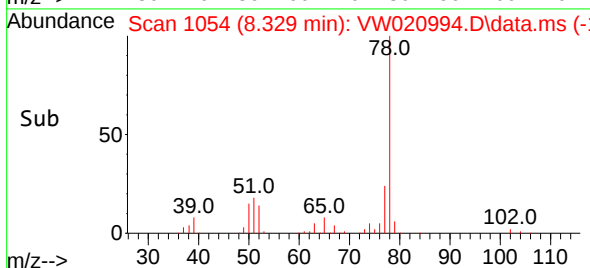
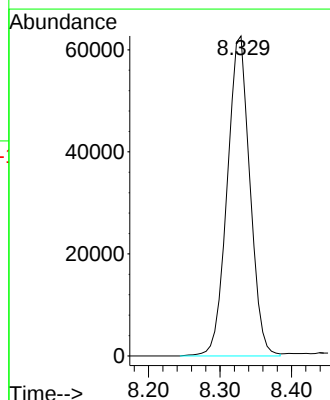
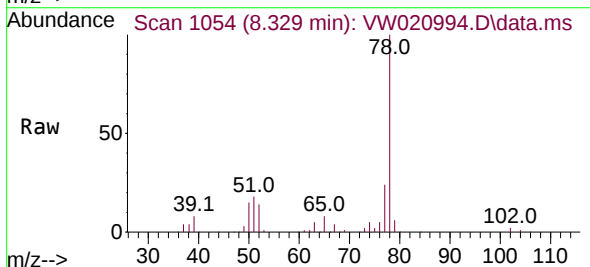
Instrument :
MSVOA_W
ClientSampleId :

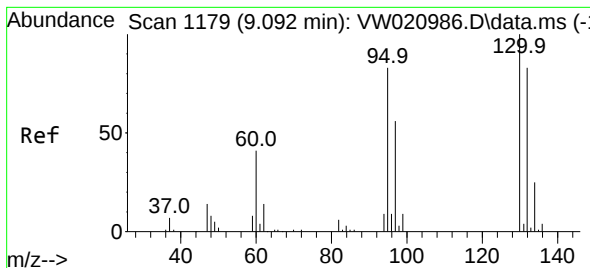
Tgt Ion:117 Resp: 57089
Ion Ratio Lower Upper
117 100
119 92.1 75.7 113.5



#33
Benzene
Concen: 25.362 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion: 78 Resp: 137953





#34

Trichloroethene

Concen: 25.897 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 39400

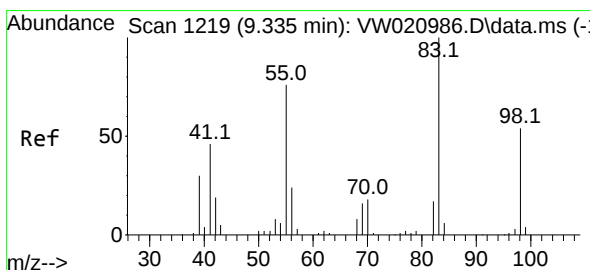
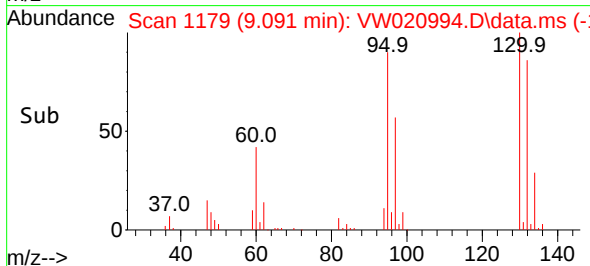
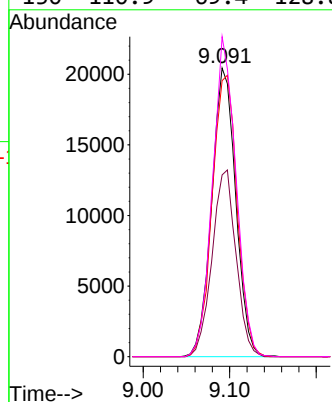
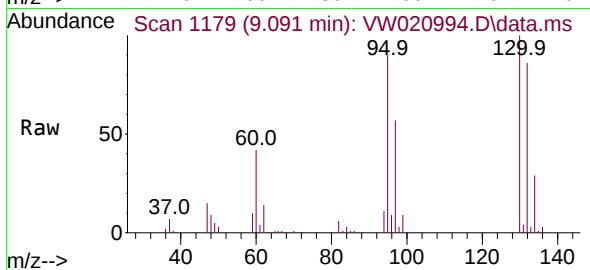
Ion Ratio Lower Upper

95 100

97 63.0 47.0 87.2

132 95.6 65.5 121.6

130 110.9 69.4 128.8



#35

Methylcyclohexane

Concen: 24.592 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

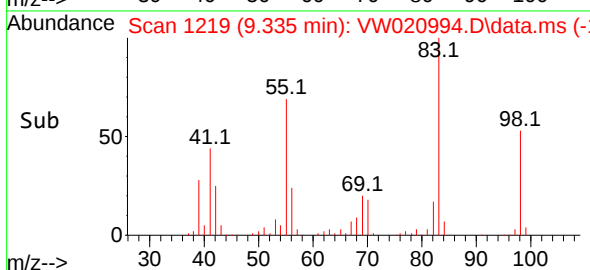
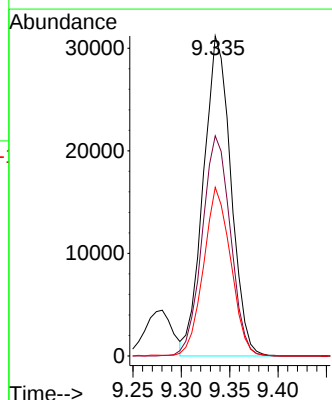
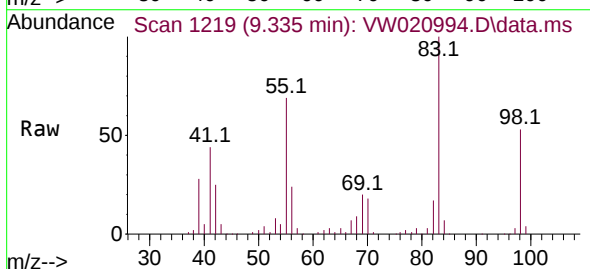
Tgt Ion: 83 Resp: 61686

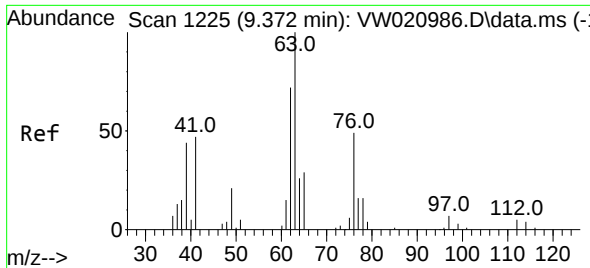
Ion Ratio Lower Upper

83 100

55 70.7 70.8 106.2#

98 52.3 37.7 56.5

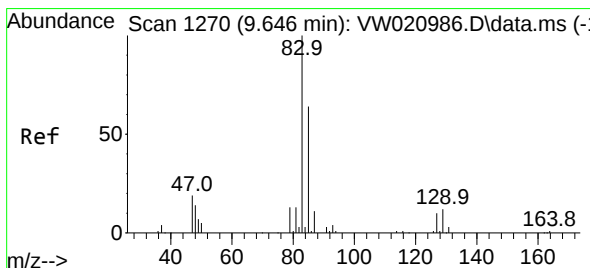
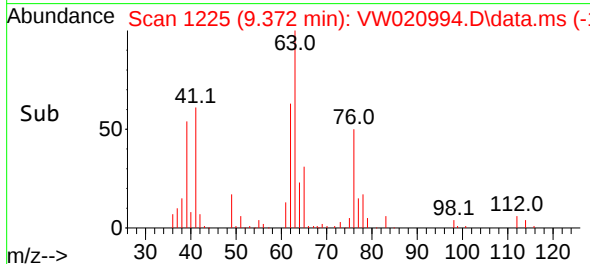
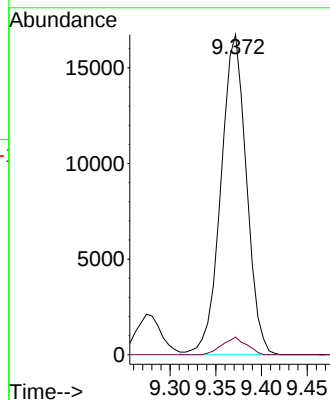
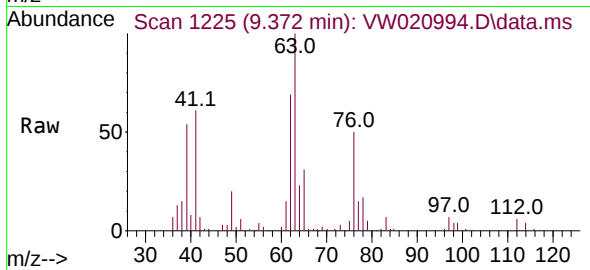




#37
1,2-Dichloropropane
Concen: 25.692 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

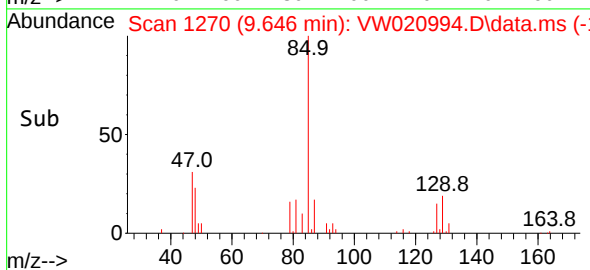
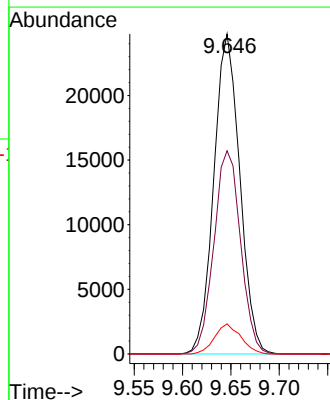
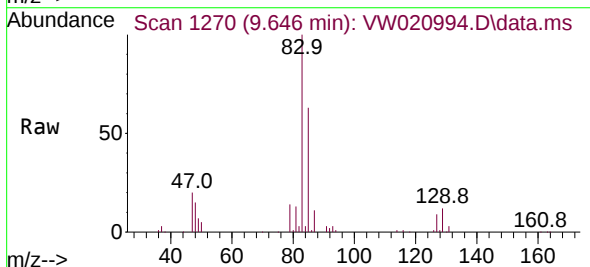
Instrument :
MSVOA_W
ClientSampleId :

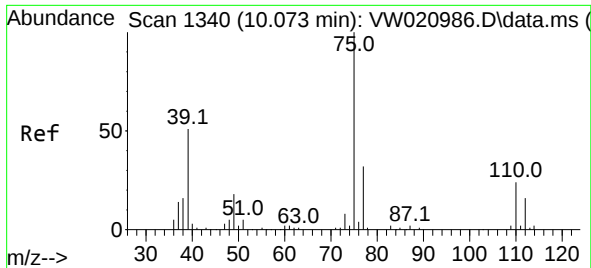
Tgt Ion: 63 Resp: 32523
Ion Ratio Lower Upper
63 100
112 5.2 3.2 4.8#



#38
Bromodichloromethane
Concen: 25.426 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion: 83 Resp: 46191
Ion Ratio Lower Upper
83 100
85 63.5 44.1 81.9
127 9.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.748 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

Instrument :

MSVOA_W

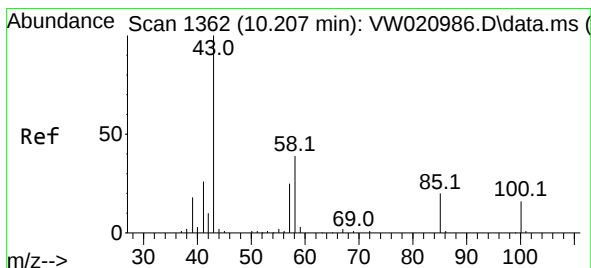
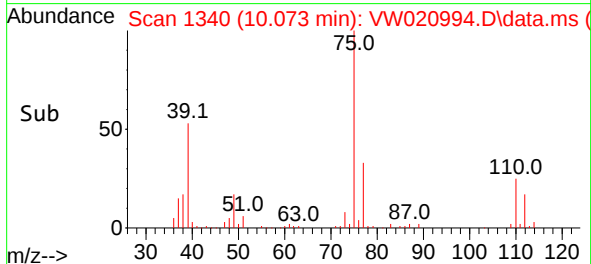
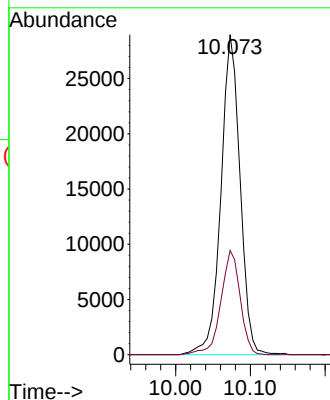
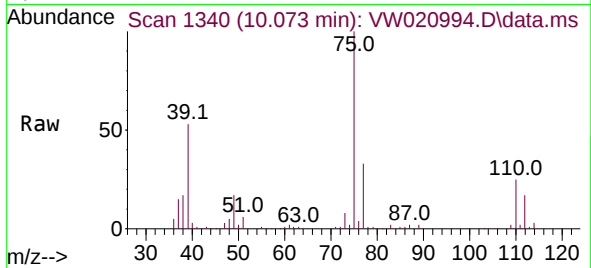
ClientSampleId :

Tgt Ion: 75 Resp: 51725

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 47.866 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

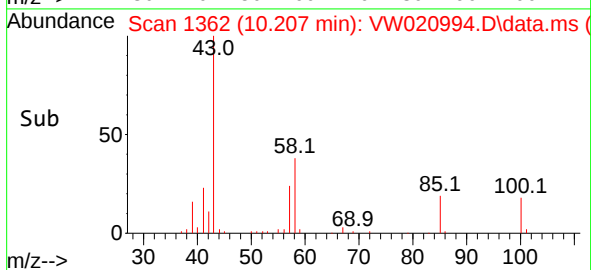
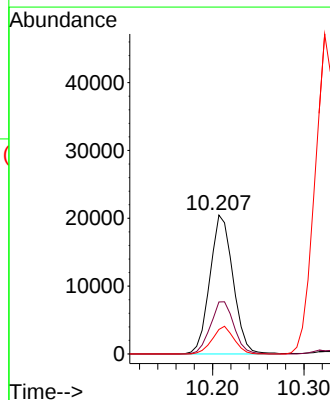
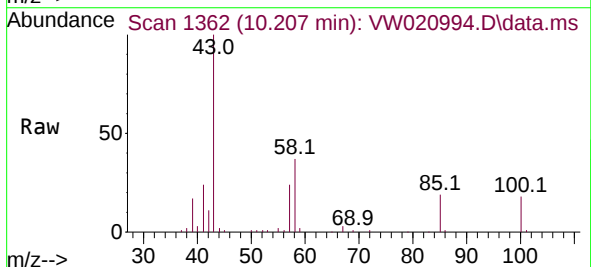
Tgt Ion: 43 Resp: 36065

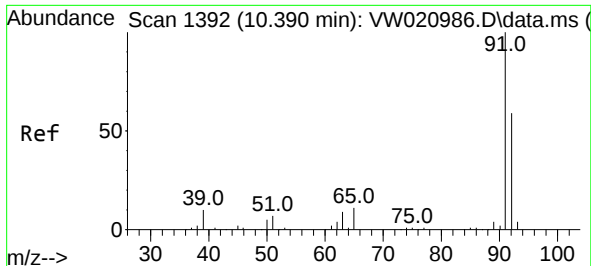
Ion Ratio Lower Upper

43 100

58 38.0 28.8 43.2

100 18.5 10.0 15.0#

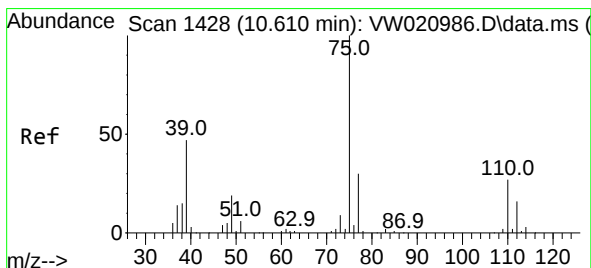
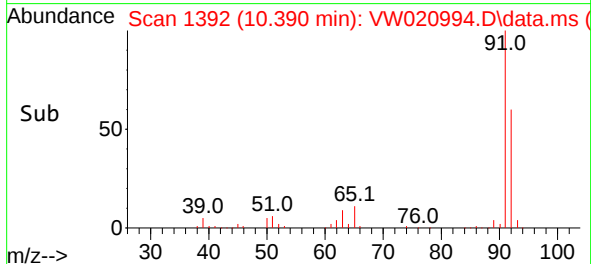
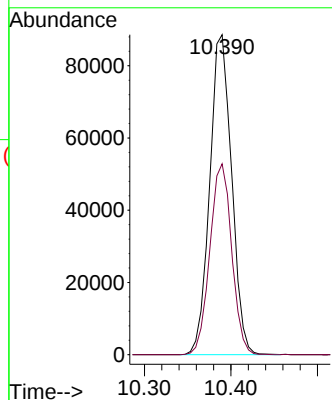
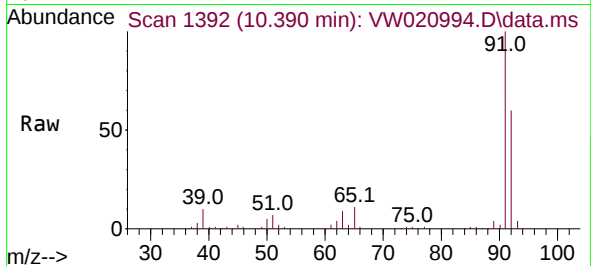




#42
Toluene
Concen: 25.435 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

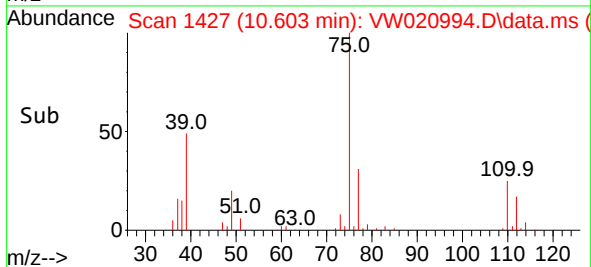
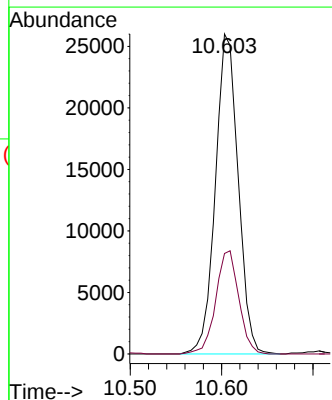
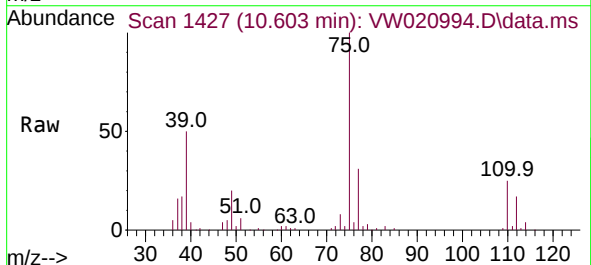
Instrument :
MSVOA_W
ClientSampleId :

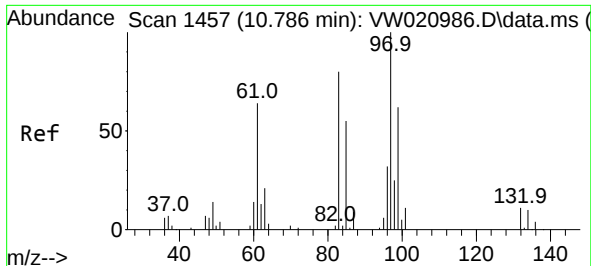
Tgt Ion: 91 Resp: 155613
Ion Ratio Lower Upper
91 100
92 59.6 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 24.523 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

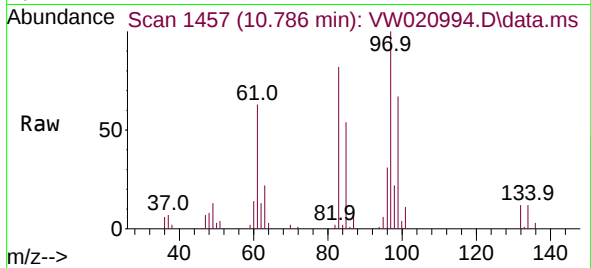
Tgt Ion: 75 Resp: 45046
Ion Ratio Lower Upper
75 100
77 31.4 22.2 41.2



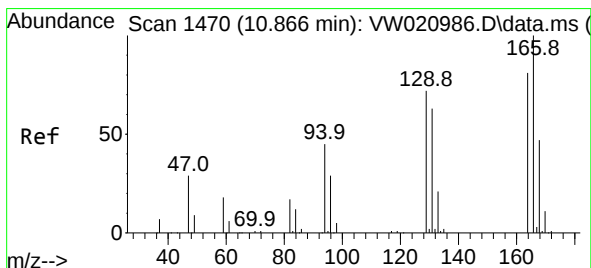
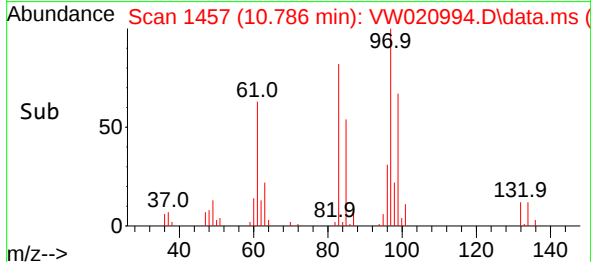
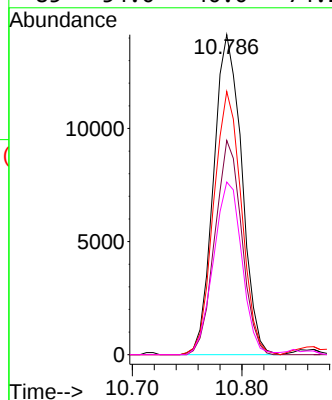


#45
1,1,2-Trichloroethane
Concen: 25.647 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Instrument :
MSVOA_W
ClientSampleId :

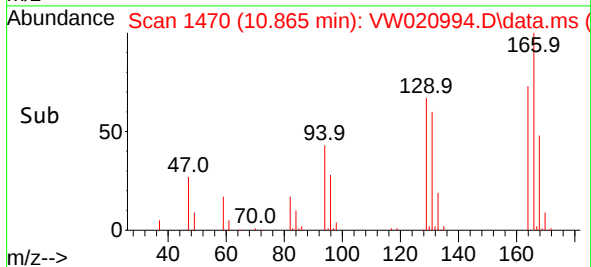
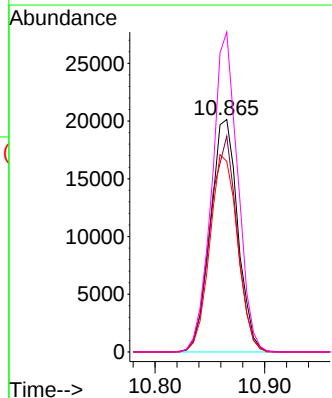
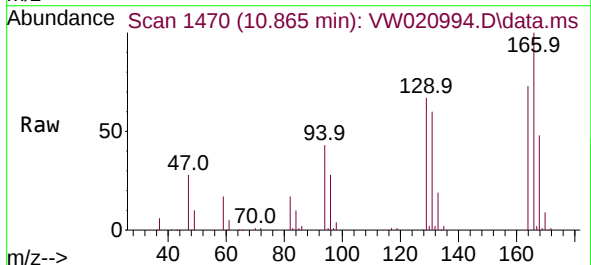


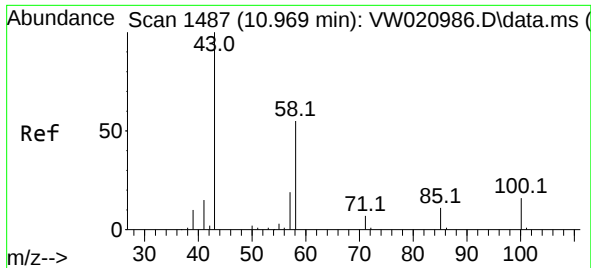
Tgt Ion: 97	Resp: 25251
Ion Ratio	Lower Upper
97 100	
99 66.9	43.0 79.8
83 82.3	62.6 116.3
85 54.0	40.0 74.2



#46
Tetrachloroethene
Concen: 25.109 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

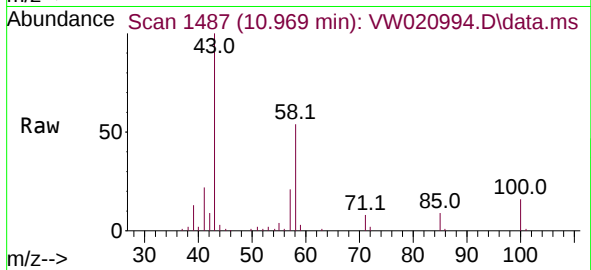
Tgt	Ion:164	Resp:	35075
Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.5	121.7
131	82.0	59.7	110.9
166	137.6	88.7	164.7



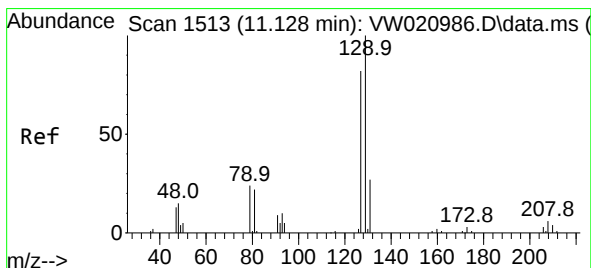
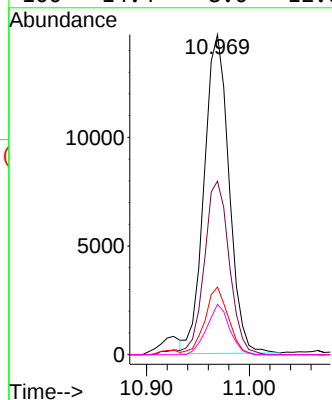
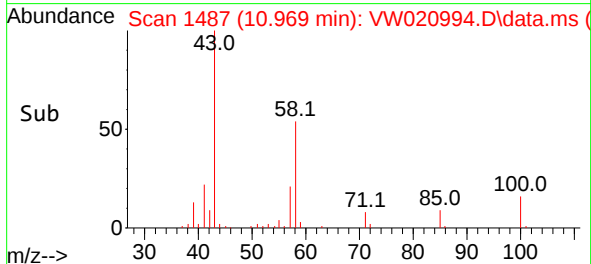


#48
2-Hexanone
Concen: 47.209 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Instrument :
MSVOA_W
ClientSampleId :

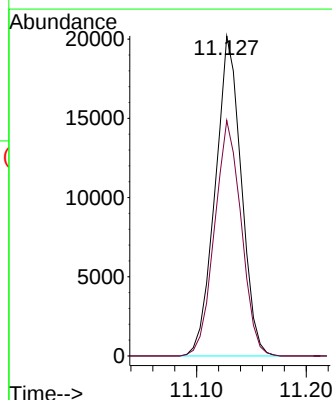
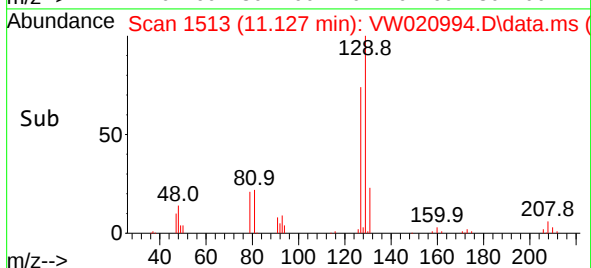
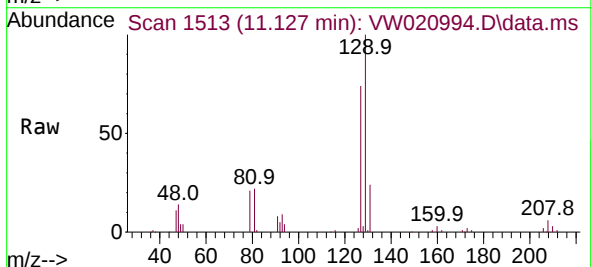


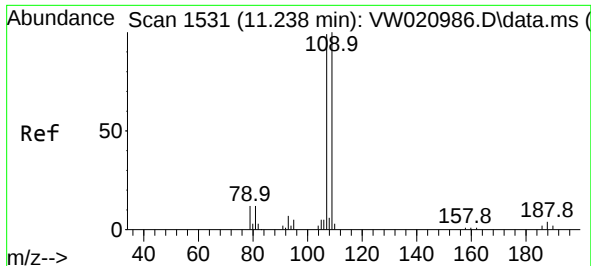
Tgt Ion: 43 Resp: 24639
Ion Ratio Lower Upper
43 100
58 55.7 40.2 60.2
57 20.1 14.3 21.5
100 14.4 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.536 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion: 129 Resp: 33304
Ion Ratio Lower Upper
129 100
127 73.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 25.650 ug/L

RT: 11.237 min Scan# 1

Delta R.T. -0.000 min

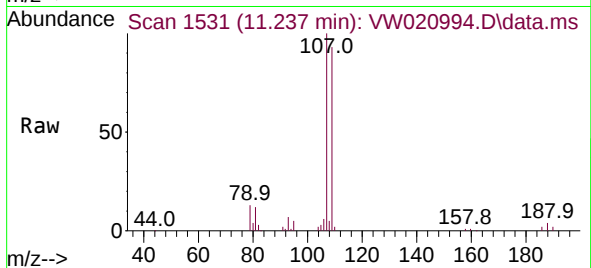
Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :



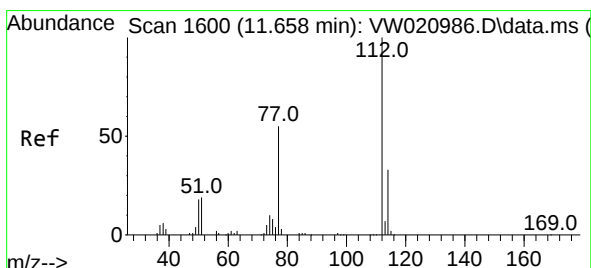
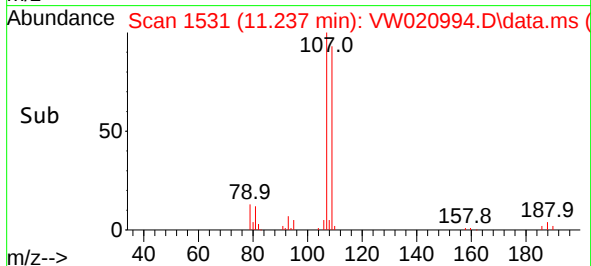
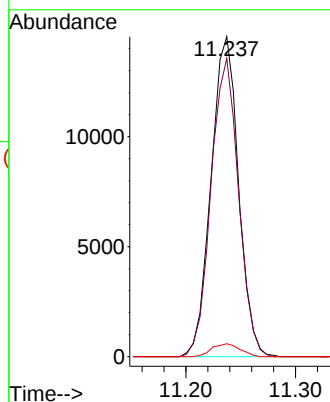
Tgt Ion:107 Resp: 25319

Ion Ratio Lower Upper

107 100

109 93.2 64.1 119.1

188 4.1 2.6 3.8#



#51

Chlorobenzene

Concen: 26.240 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

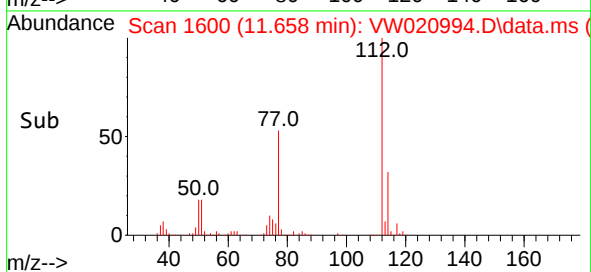
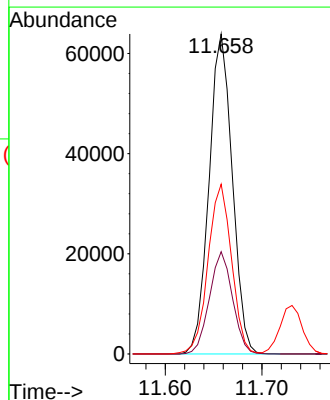
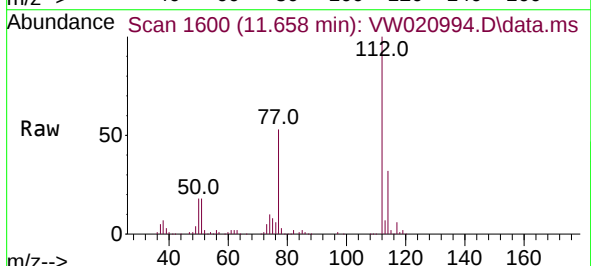
Tgt Ion:112 Resp: 106775

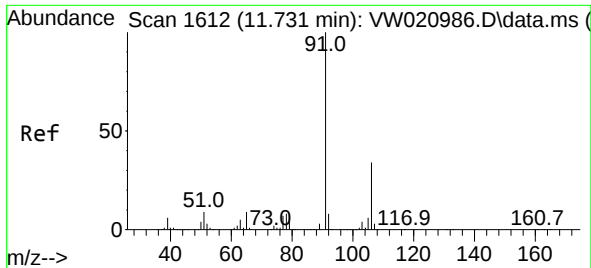
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 53.0 50.2 75.4

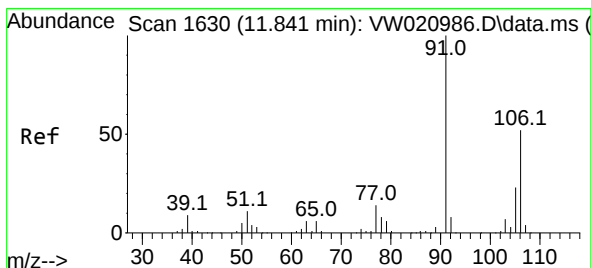
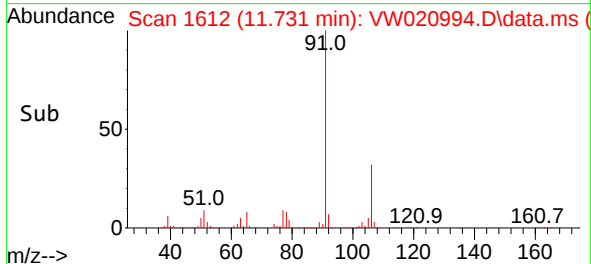
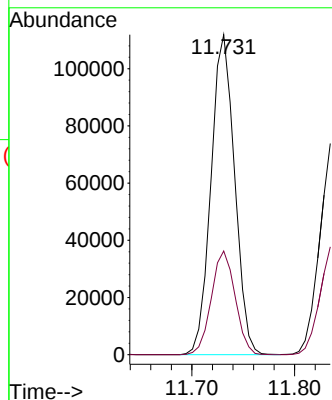
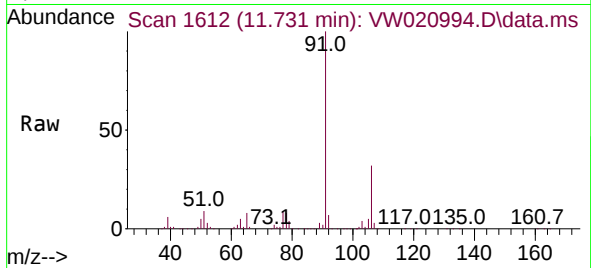




#52
Ethylbenzene
Concen: 26.322 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

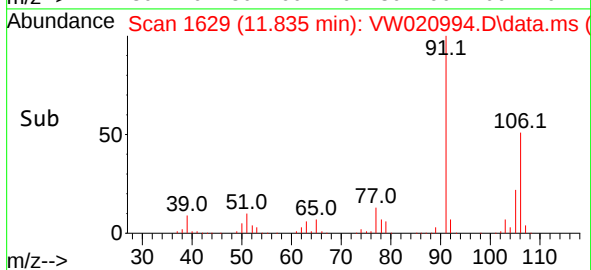
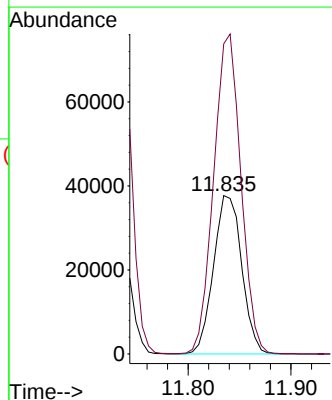
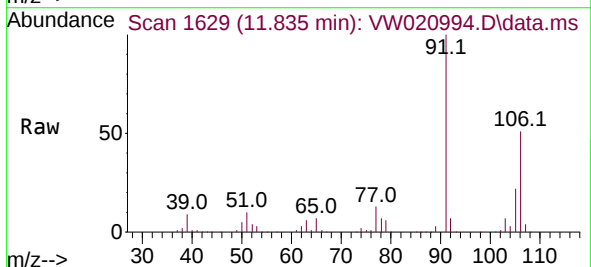
Instrument :
MSVOA_W
ClientSampleId :

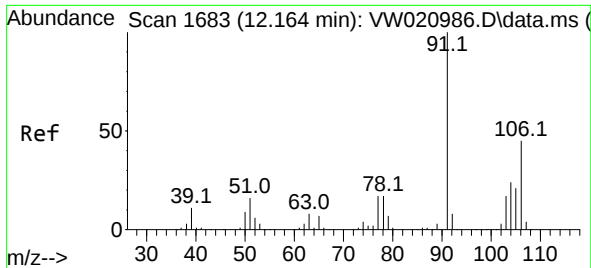
Tgt Ion: 91 Resp: 178448
Ion Ratio Lower Upper
91 100
106 32.4 21.5 39.9



#53
m,p-Xylene
Concen: 25.950 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion:106 Resp: 71826
Ion Ratio Lower Upper
106 100
91 195.8 149.9 278.3

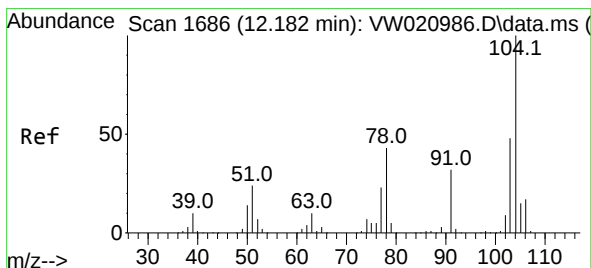
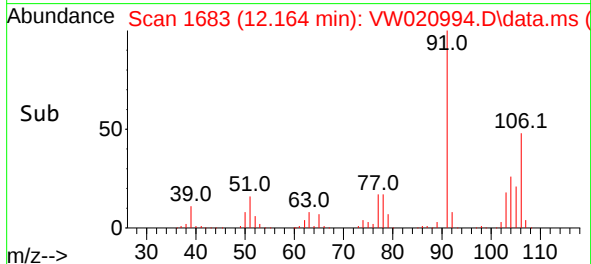
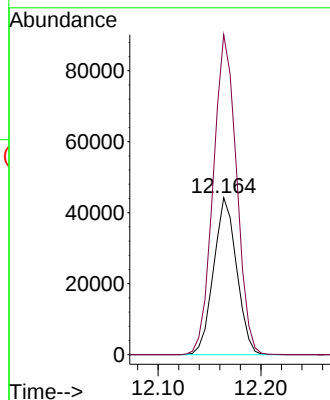
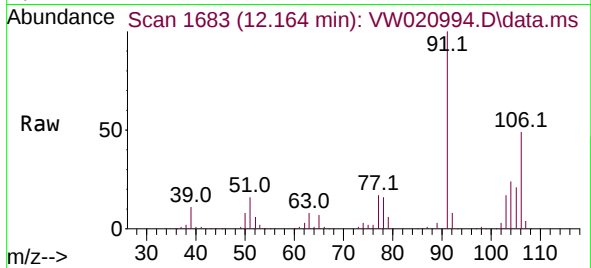




#54
o-Xylene
Concen: 25.887 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

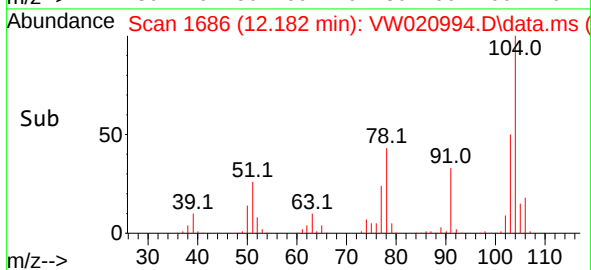
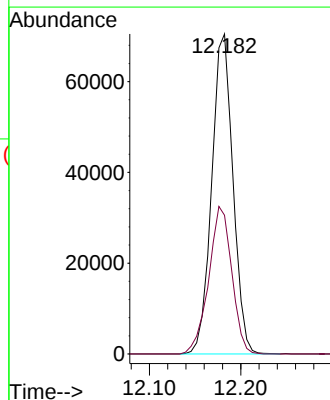
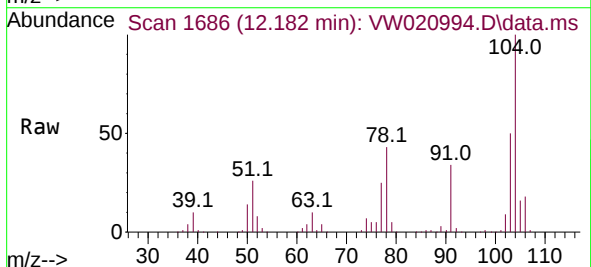
Instrument :
MSVOA_W
ClientSampleId :

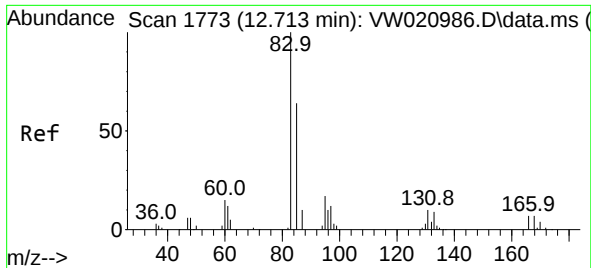
Tgt Ion:106 Resp: 68814
Ion Ratio Lower Upper
106 100
91 203.9 153.6 285.3



#55
Styrene
Concen: 25.746 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion:104 Resp: 113641
Ion Ratio Lower Upper
104 100
78 43.3 34.4 64.0





#57

1,1,2-Tetrachloroethane

Concen: 25.832 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW020994.D

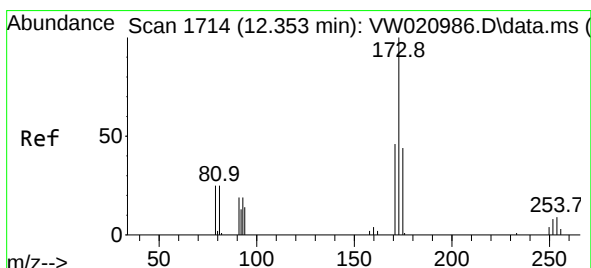
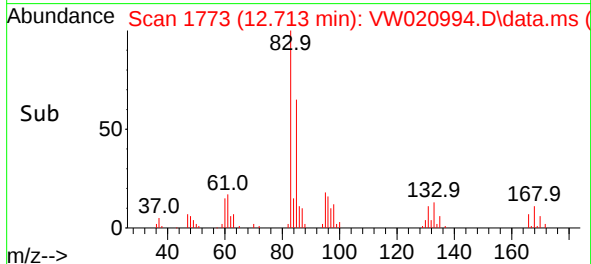
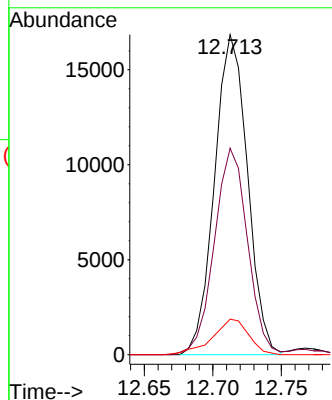
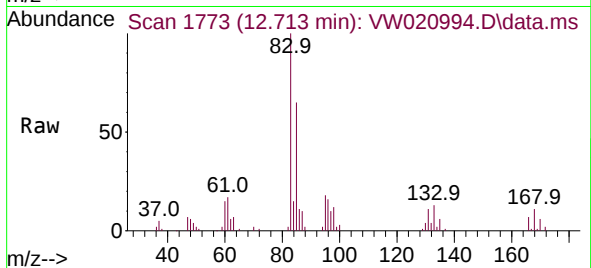
Acq: 30 Nov 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	28189
Ion Ratio	Lower	Upper	
83	100		
85	64.5	44.0	81.6
131	11.1	6.9	10.3#



#59

Bromoform

Concen: 22.419 ug/L

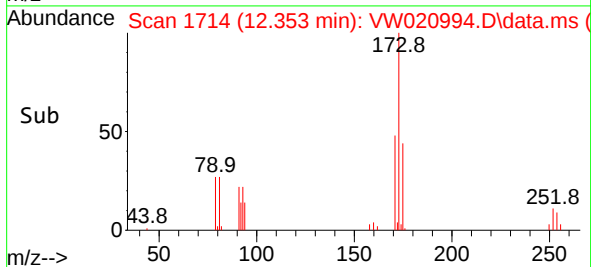
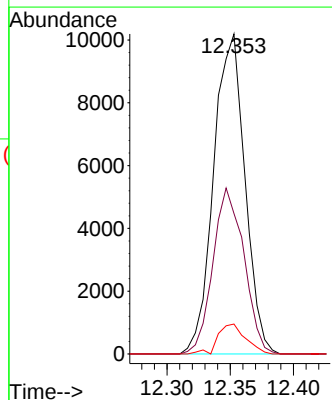
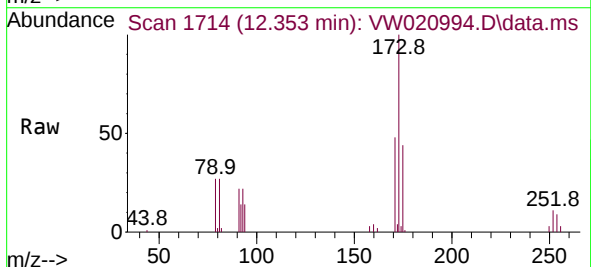
RT: 12.353 min Scan# 1714

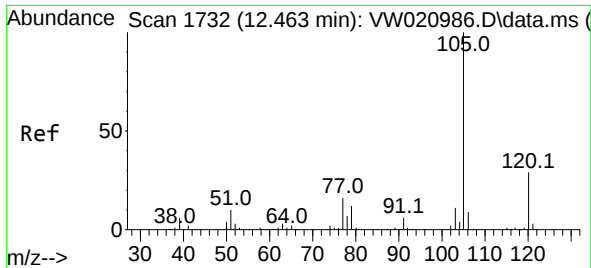
Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

Tgt Ion:	173	Resp:	17520
Ion Ratio	Lower	Upper	
173	100		
175	51.4	39.6	59.4
254	7.9	7.4	11.0

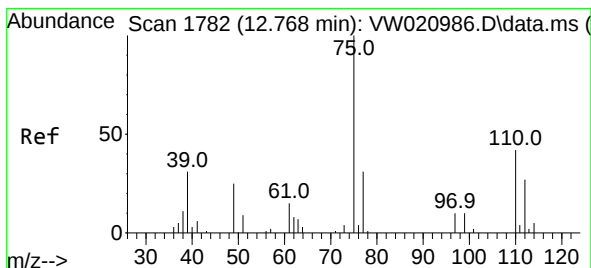
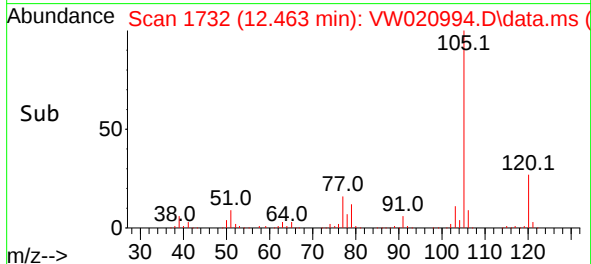
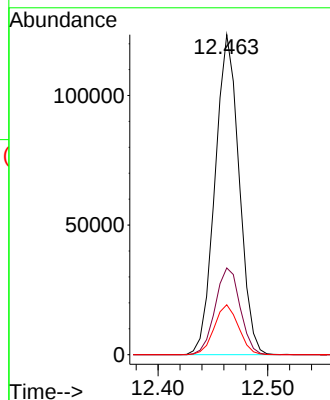
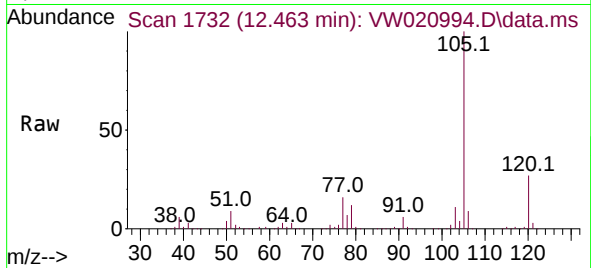




#60
Isopropylbenzene
Concen: 26.459 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

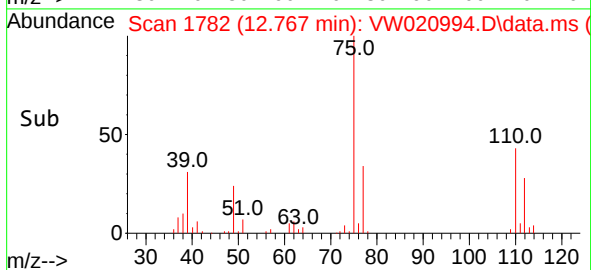
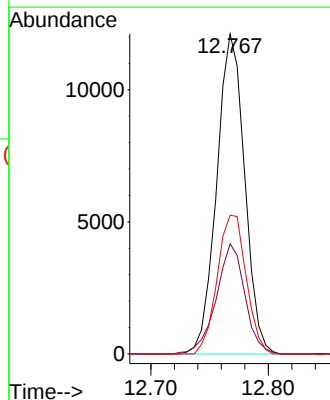
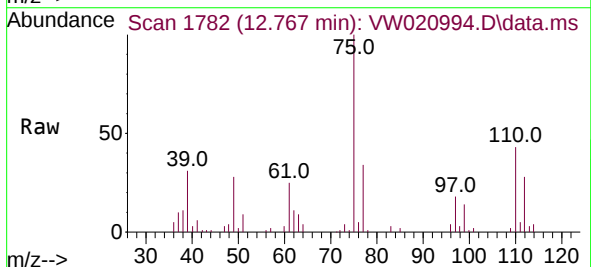
Instrument :
MSVOA_W
ClientSampleId :

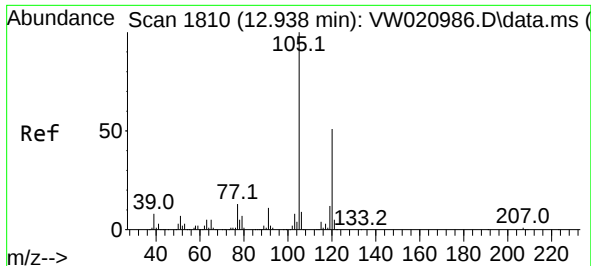
Tgt Ion:105 Resp: 188878
Ion Ratio Lower Upper
105 100
120 28.0 20.1 30.1
77 15.6 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.029 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion: 75 Resp: 20011
Ion Ratio Lower Upper
75 100
77 35.3 25.8 38.8
110 45.1 29.0 43.4#

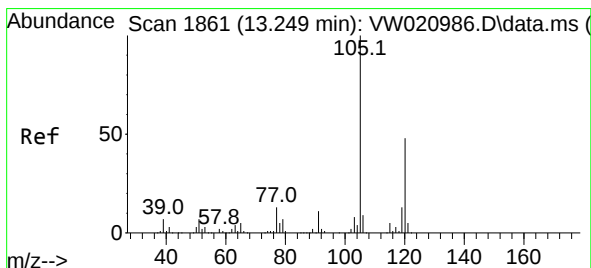
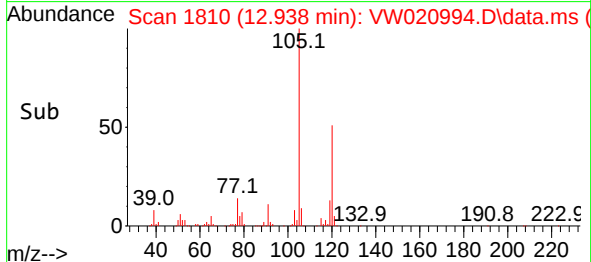
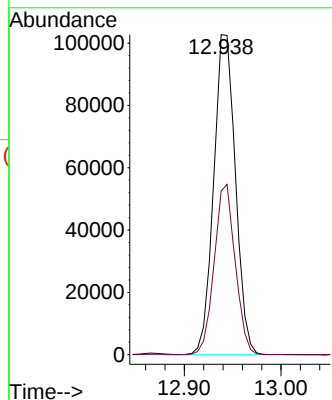
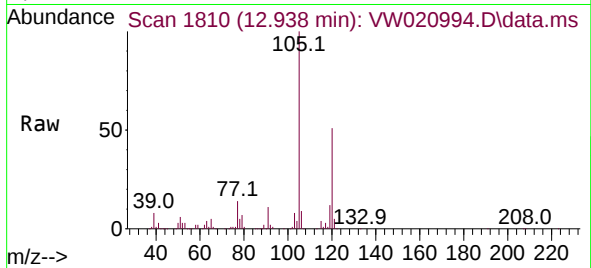




#62
1,3,5-Trimethylbenzene
Concen: 26.636 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

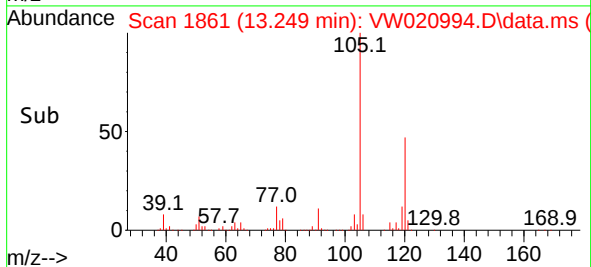
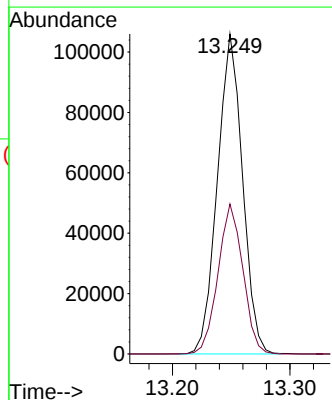
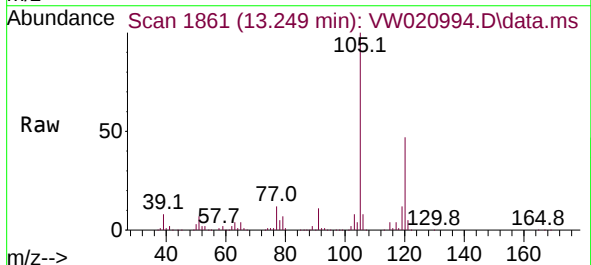
Instrument :
MSVOA_W
ClientSampleId :

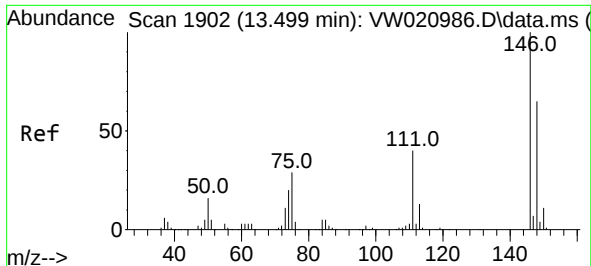
Tgt Ion:105 Resp: 160406
Ion Ratio Lower Upper
105 100
120 51.3 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 26.502 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion:105 Resp: 157465
Ion Ratio Lower Upper
105 100
120 46.3 35.0 52.6

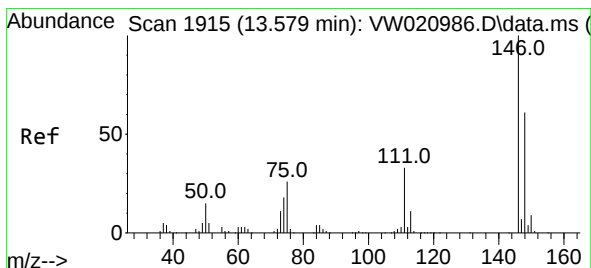
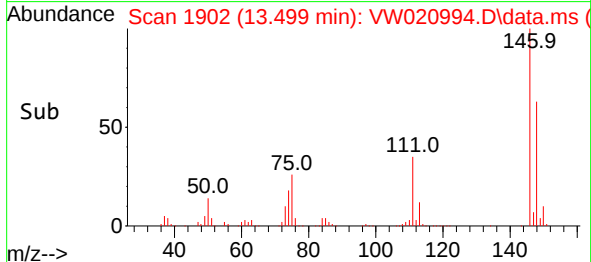
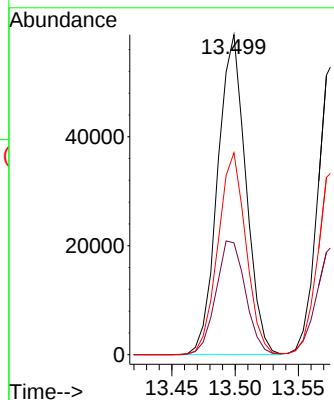
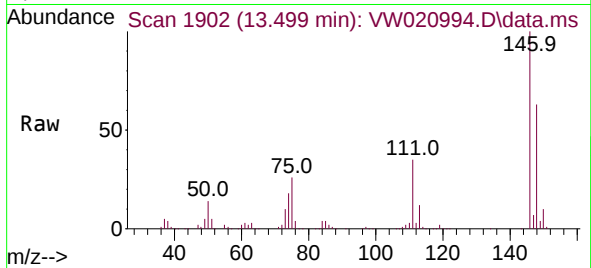




#64
1,3-Dichlorobenzene
Concen: 27.137 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

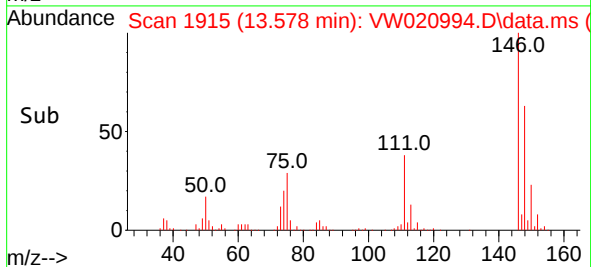
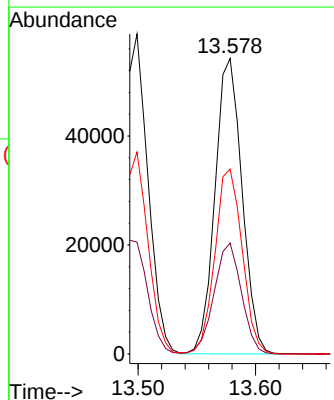
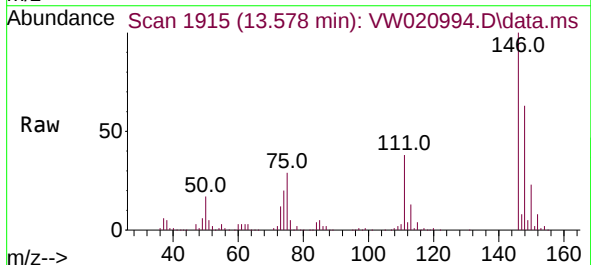
Instrument :
MSVOA_W
ClientSampleId :

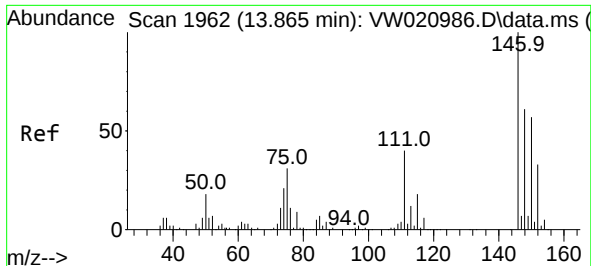
Tgt Ion:146 Resp: 90826
Ion Ratio Lower Upper
146 100
111 35.0 29.8 55.3
148 63.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 25.763 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion:146 Resp: 86978
Ion Ratio Lower Upper
146 100
111 37.5 29.0 53.9
148 62.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 26.543 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :

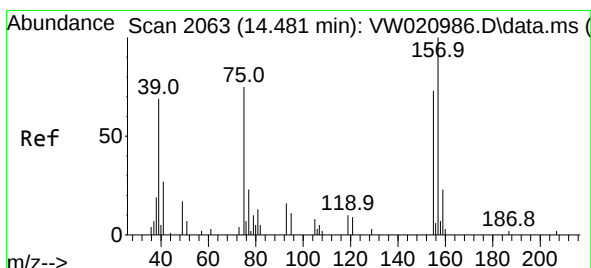
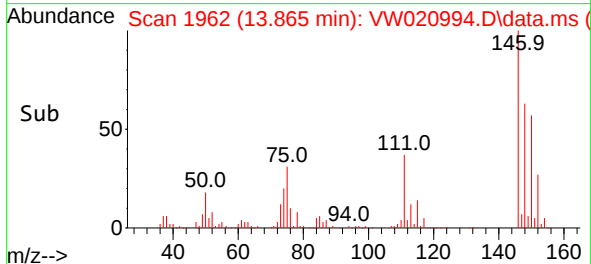
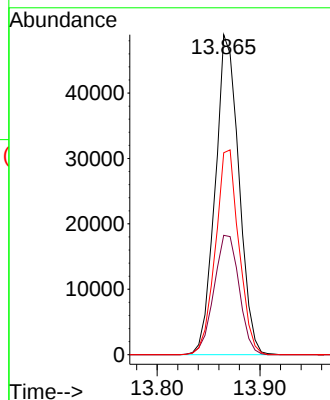
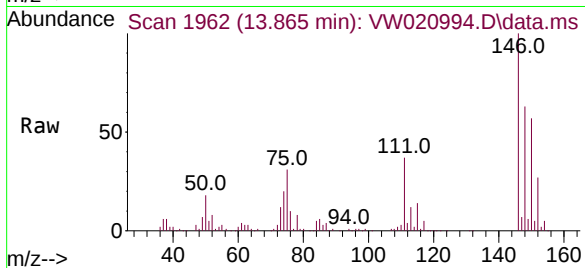
Tgt Ion:146 Resp: 78283

Ion Ratio Lower Upper

146 100

111 37.3 33.1 49.7

148 63.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.657 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

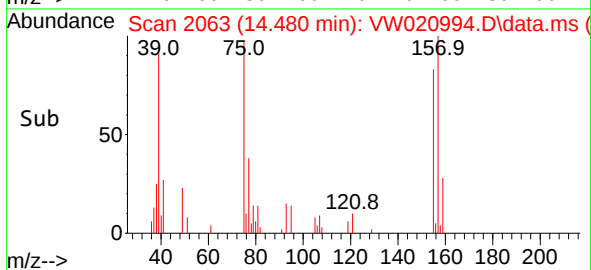
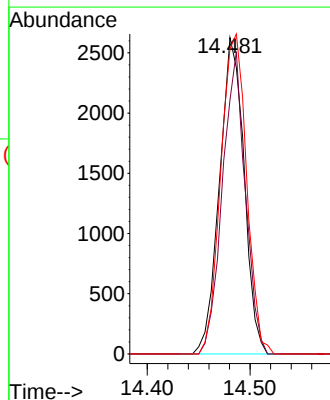
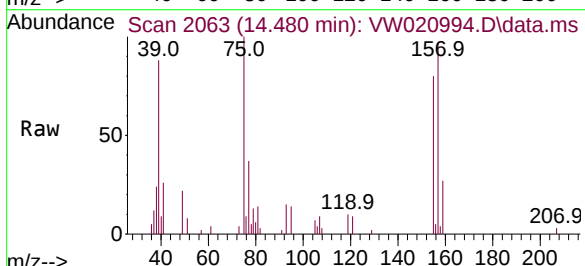
Tgt Ion: 75 Resp: 4348

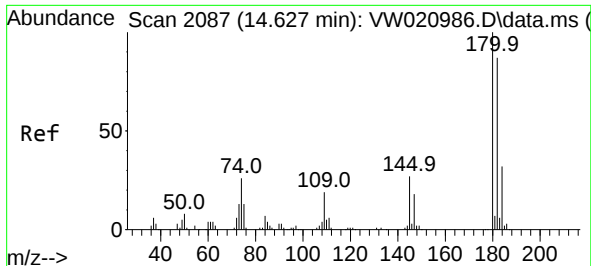
Ion Ratio Lower Upper

75 100

155 80.3 54.2 81.2

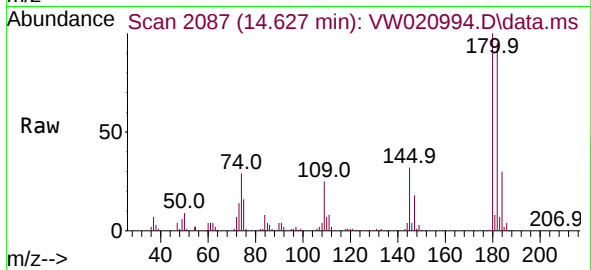
157 96.5 69.4 104.2



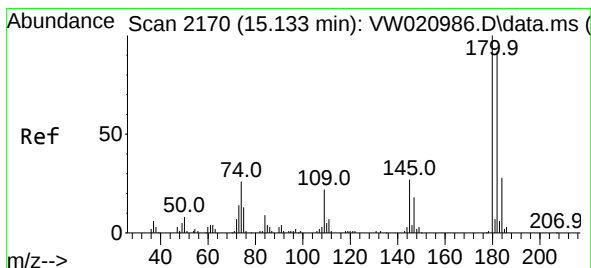
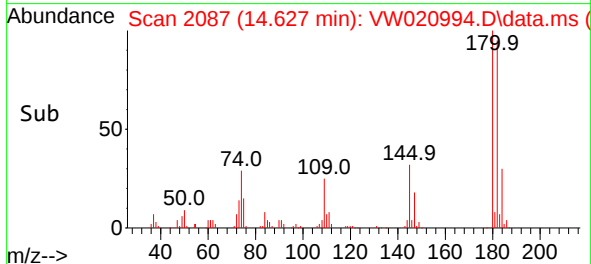
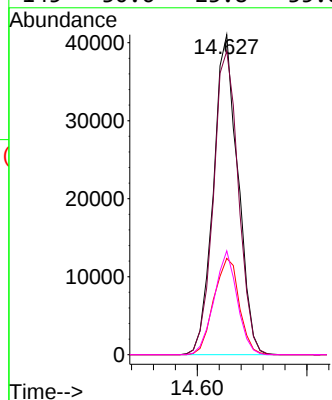


#69
1,3,5-Trichlorobenzene
Concen: 24.012 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Instrument :
MSVOA_W
ClientSampleId :

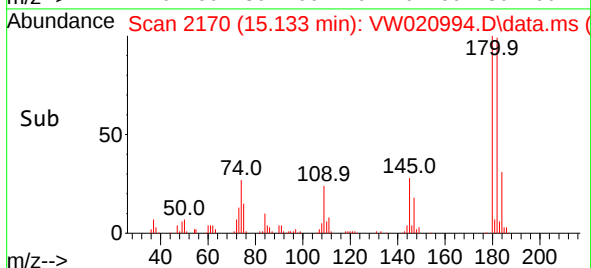
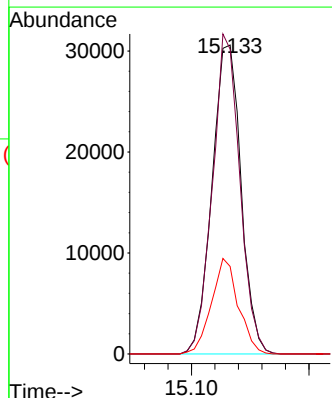
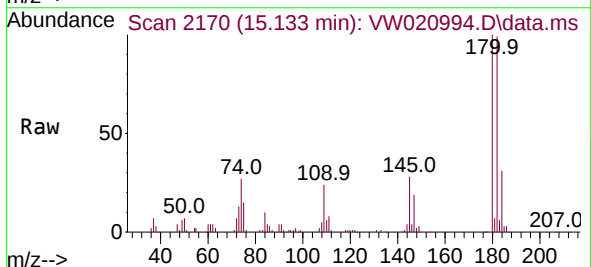


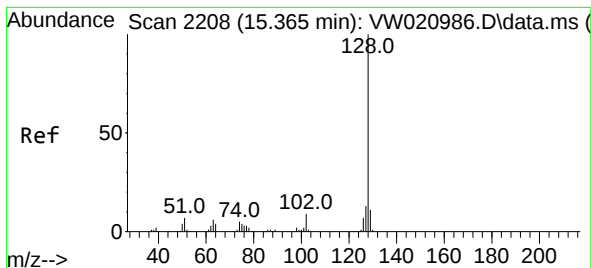
Tgt Ion:180 Resp: 63653
Ion Ratio Lower Upper
180 100
182 96.6 75.4 113.0
184 31.1 23.8 35.8
145 30.6 23.8 35.8



#70
1,2,4-trichlorobenzene
Concen: 24.211 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020994.D
Acq: 30 Nov 2021 18:58

Tgt Ion:180 Resp: 52506
Ion Ratio Lower Upper
180 100
182 97.6 79.0 118.6
145 28.7 26.0 39.0





#71

Naphthalene

Concen: 23.982 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW020994.D

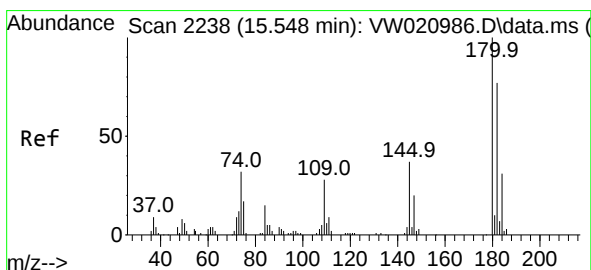
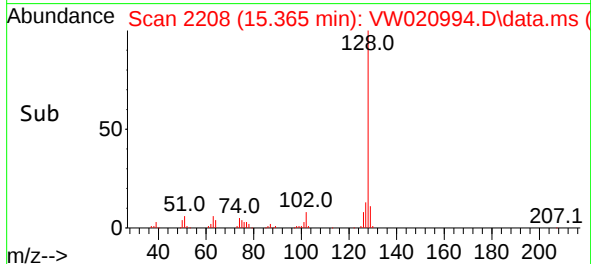
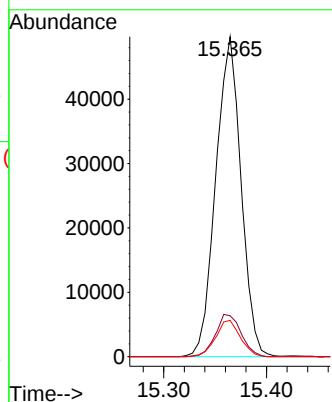
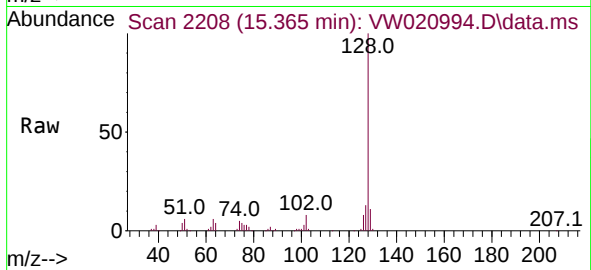
Acq: 30 Nov 2021 18:58

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	84744
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.7 16.1
129	11.1	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 24.144 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW020994.D

Acq: 30 Nov 2021 18:58

Tgt Ion:180	Resp:	44185
Ion Ratio	Lower	Upper
180	100	
182	91.2	76.6 114.8
145	31.0	27.4 41.0

