

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112621\
 Data File : VW020970.D
 Acq On : 26 Nov 2021 20:16
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 27 01:01:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 27 00:54:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	110077	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	103917	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	56888	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	27821	21.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.160%		
7) Chloroethane-d5	2.892	69	21715	26.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.480%		
11) 1,1-Dichloroethene-d2	4.026	63	57160	23.138	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.560%		
21) 2-Butanone-d5	7.080	46	17396	54.585	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.160%		
24) Chloroform-d	7.653	84	72620	26.183	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.720%		
26) 1,2-Dichloroethane-d4	8.311	65	38714	27.499	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	110.000%		
32) Benzene-d6	8.281	84	140142	25.588	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	102.360%		
36) 1,2-Dichloropropane-d6	9.275	67	40142	25.738	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	102.960%		
41) Toluene-d8	10.323	98	140069	25.767	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.080%		
43) trans-1,3-Dichloroprop...	10.579	79	18080	24.526	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.120%		
47) 2-Hexanone-d5	10.921	63	14637	56.587	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.180%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33469	28.013	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	112.040%		
66) 1,2-Dichlorobenzene-d4	13.853	152	52325	25.807	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	103.240%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	8941	28.066	ug/L	92
3) Chloromethane	2.221	50	17476	18.043	ug/L	100
5) Vinyl chloride	2.367	62	35716	21.320	ug/L	96
6) Bromomethane	2.788	94	23533	25.333	ug/L	99
8) Chloroethane	2.928	64	16648	23.638	ug/L	97
9) Trichlorofluoromethane	3.263	101	21666	22.203	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	16397	11.053	ug/L	# 5
12) 1,1-Dichloroethene	4.044	96	30134	21.849	ug/L	83
13) Acetone	4.123	43	10960	38.518	ug/L	94
14) Carbon disulfide	4.385	76	71746	19.234	ug/L	99
15) Methyl Acetate	4.678	43	11887	23.295	ug/L	92
16) Methylene chloride	4.922	84	33415	21.765	ug/L	82
17) trans-1,2-Dichloroethene	5.428	96	32429	21.816	ug/L	82
18) Methyl tert-butyl Ether	5.434	73	52019	23.314	ug/L	94
19) 1,1-Dichloroethane	6.220	63	56044	22.755	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	37091	23.152	ug/L	78
22) 2-Butanone	7.171	43	16443	42.533	ug/L	89
23) Bromochloromethane	7.519	128	17011	23.226	ug/L	# 67
25) Chloroform	7.677	83	63532	23.600	ug/L	99

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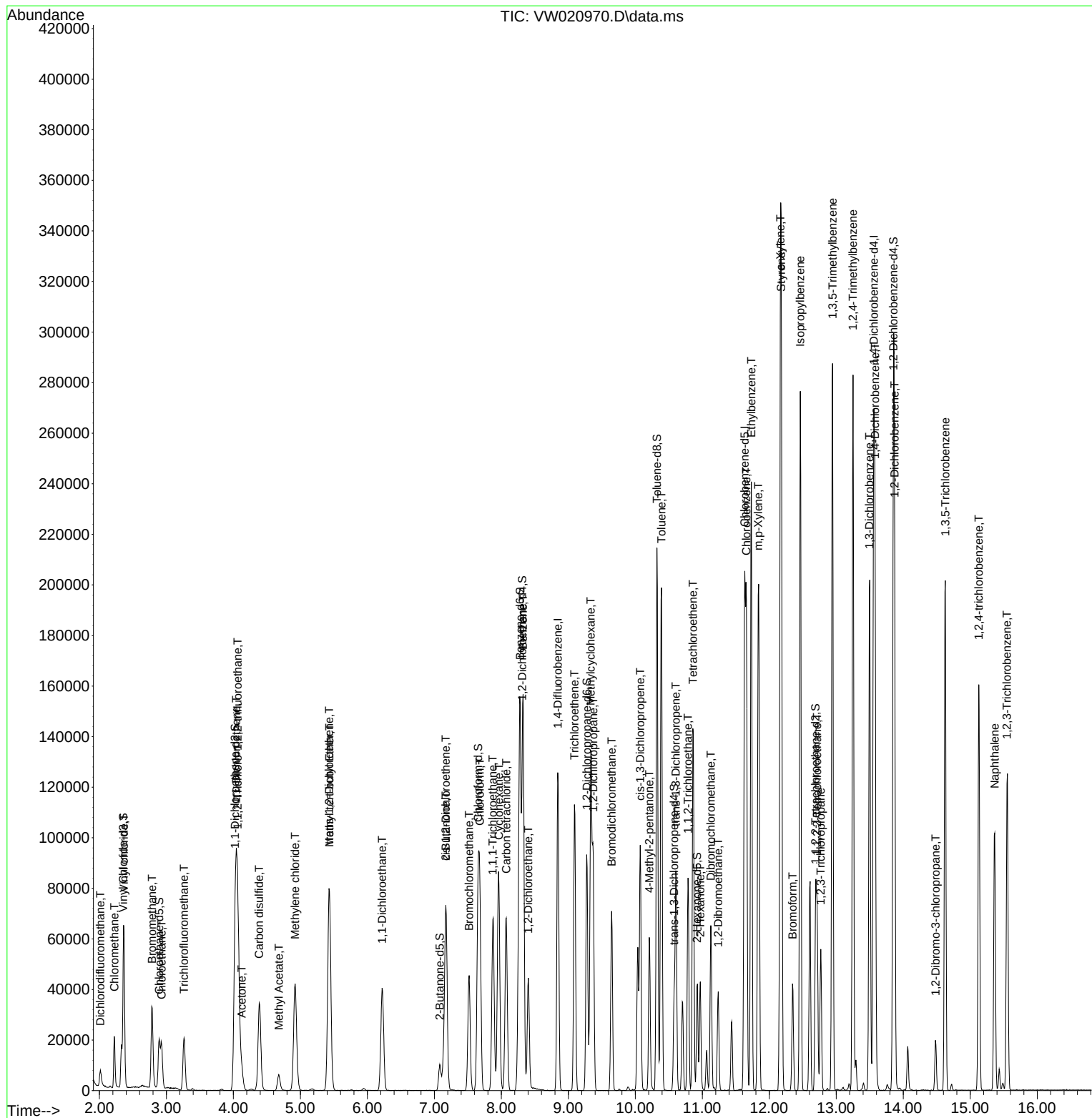
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	38807	23.807	ug/L #	94
29) Cyclohexane	7.964	56	46179	19.933	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	54978	22.000	ug/L	94
31) Carbon tetrachloride	8.074	117	50835	21.493	ug/L	97
33) Benzene	8.324	78	131390	22.331	ug/L	100
34) Trichloroethene	9.092	95	36155	21.969	ug/L	93
35) Methylcyclohexane	9.336	83	55964	20.625	ug/L #	85
37) 1,2-Dichloropropane	9.372	63	31312	22.867	ug/L #	97
38) Bromodichloromethane	9.646	83	44772	22.783	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	51305	22.692	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	37885	46.483	ug/L #	93
42) Toluene	10.390	91	147996	22.362	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	44305	22.298	ug/L	100
45) 1,1,2-Trichloroethane	10.787	97	25661	24.095	ug/L	96
46) Tetrachloroethene	10.860	164	31795	21.042	ug/L	92
48) 2-Hexanone	10.969	43	26414	46.787	ug/L #	95
49) Dibromochloromethane	11.128	129	32820	22.353	ug/L	95
50) 1,2-Dibromoethane	11.238	107	25268	23.665	ug/L #	92
51) Chlorobenzene	11.658	112	99688	22.648	ug/L	93
52) Ethylbenzene	11.731	91	168680	23.001	ug/L	94
53) m,p-Xylene	11.835	106	65289	21.806	ug/L	91
54) o-Xylene	12.164	106	64129	22.302	ug/L	90
55) Styrene	12.176	104	109886	23.014	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	29123	24.672	ug/L #	99
59) Bromoform	12.347	173	18483	21.790	ug/L	98
60) Isopropylbenzene	12.463	105	176611	22.794	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	20885	25.029	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.945	105	150447	23.017	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	147125	22.814	ug/L	93
64) 1,3-Dichlorobenzene	13.493	146	84439	23.244	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	80602	21.996	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	75116	23.466	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4624	23.179	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	64867	22.545	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	49760	21.140	ug/L	98
71) Naphthalene	15.365	128	90336	23.553	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	41452	20.869	ug/L	95

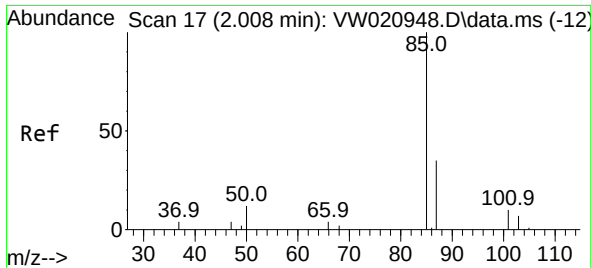
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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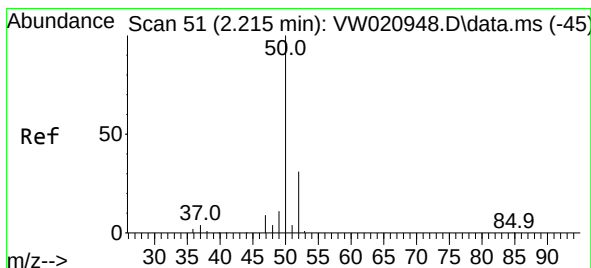
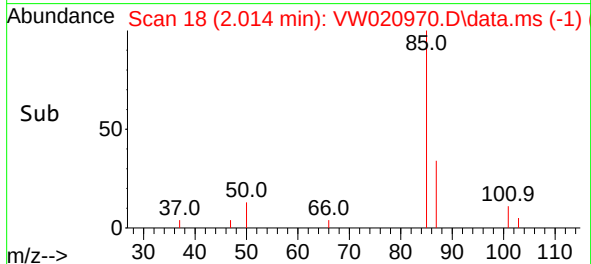
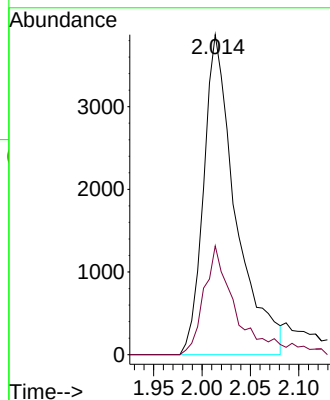
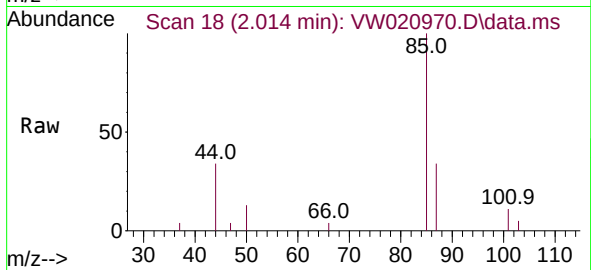




#2
 Dichlorodifluoromethane
 Concen: 28.066 ug/L
 RT: 2.014 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VW020970.D
 Acq: 26 Nov 2021 20:16

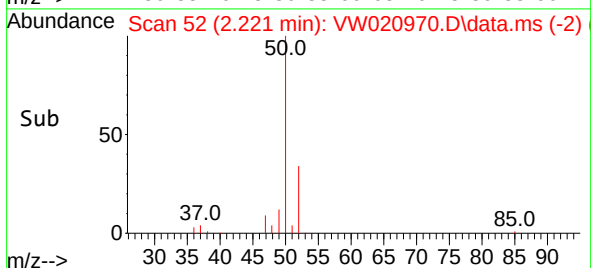
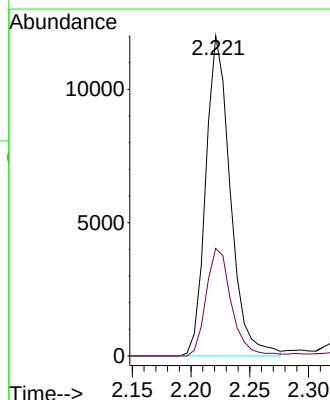
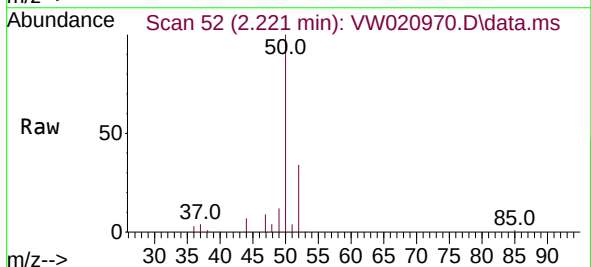
Instrument :
 MSVOA_W
 ClientSampleId :

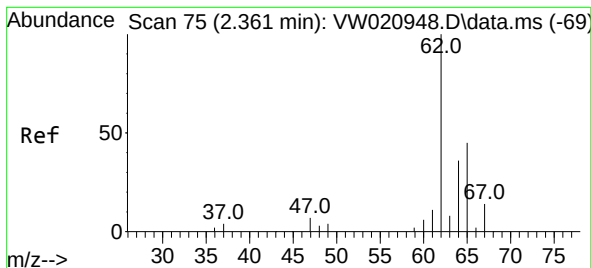
Tgt Ion: 85 Resp: 8941
 Ion Ratio Lower Upper
 85 100
 87 27.6 25.8 38.6



#3
 Chloromethane
 Concen: 18.043 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW020970.D
 Acq: 26 Nov 2021 20:16

Tgt Ion: 50 Resp: 17476
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.4 43.6





#5

Vinyl chloride

Concen: 21.320 ug/L

RT: 2.367 min Scan# 7

Delta R.T. 0.006 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

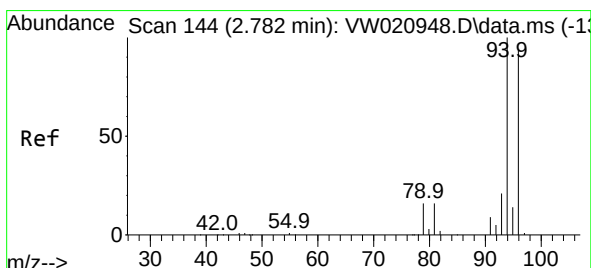
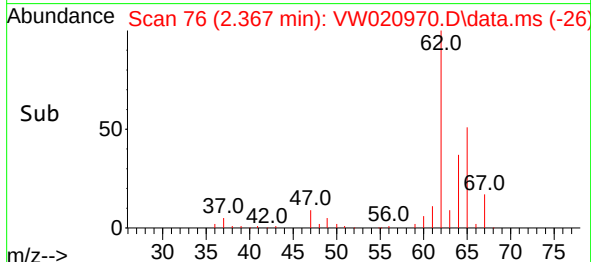
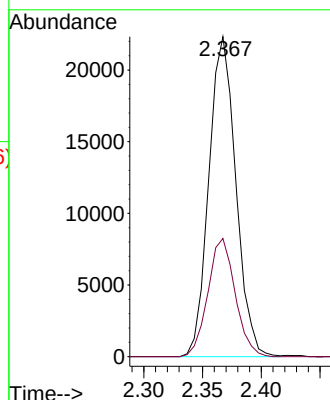
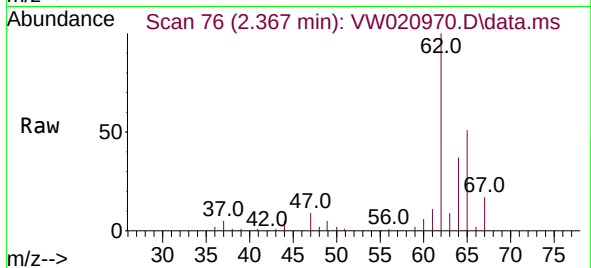
ClientSampleId :

Tgt Ion: 62 Resp: 35716

Ion Ratio Lower Upper

62 100

64 36.9 24.4 45.2



#6

Bromomethane

Concen: 25.333 ug/L

RT: 2.788 min Scan# 145

Delta R.T. 0.006 min

Lab File: VW020970.D

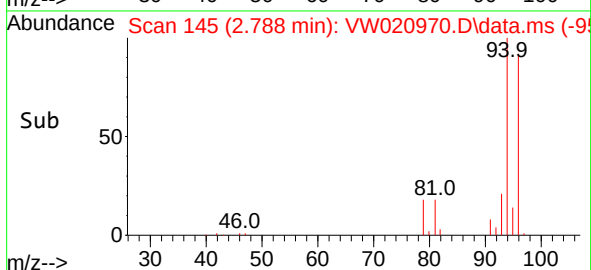
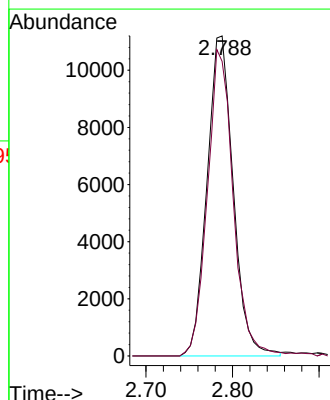
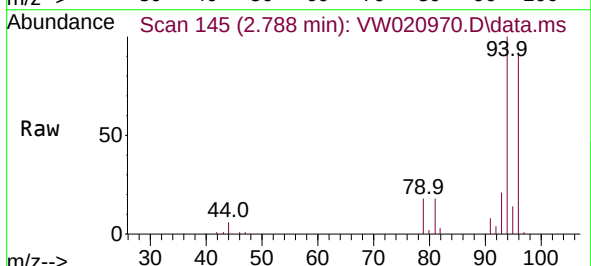
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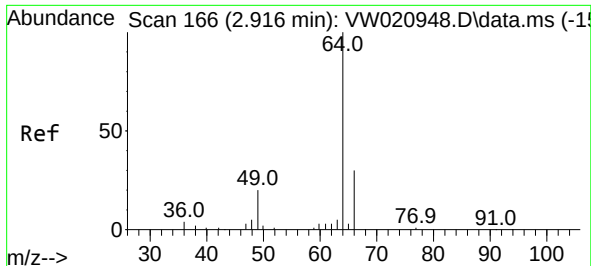
Tgt Ion: 94 Resp: 23533

Ion Ratio Lower Upper

94 100

96 92.1 64.8 120.4

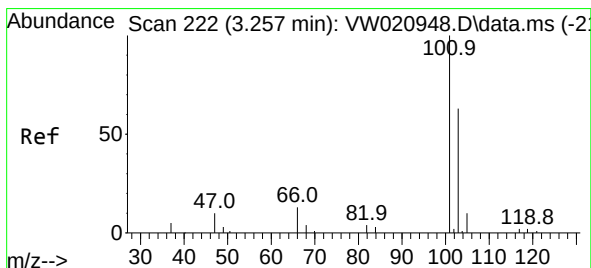
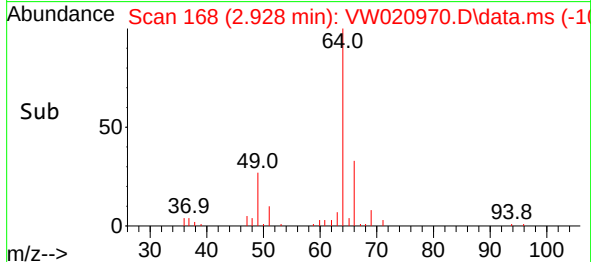
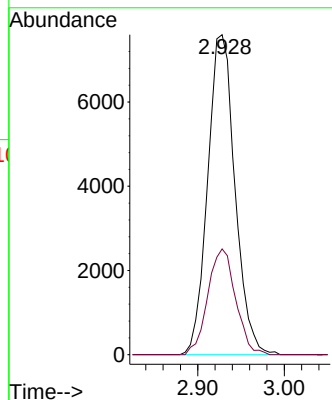
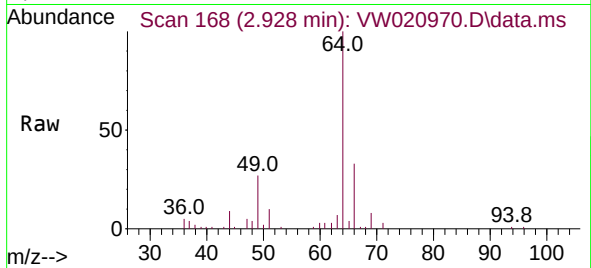




#8
Chloroethane
Concen: 23.638 ug/L
RT: 2.928 min Scan# 166
Delta R.T. 0.012 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

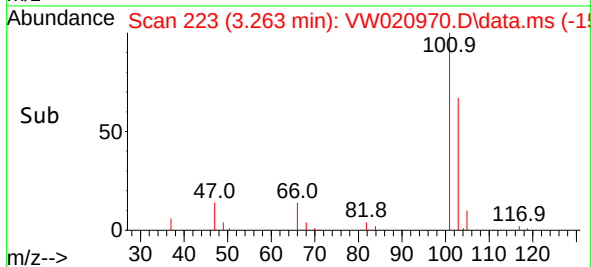
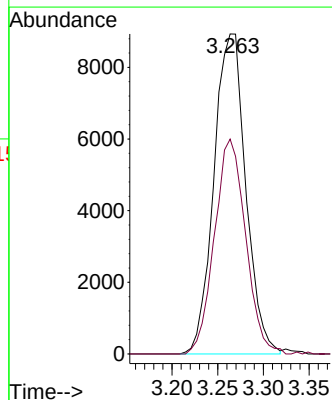
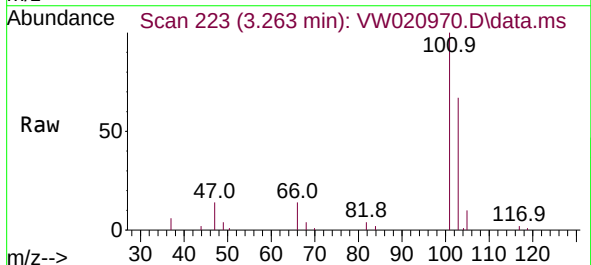
Instrument :
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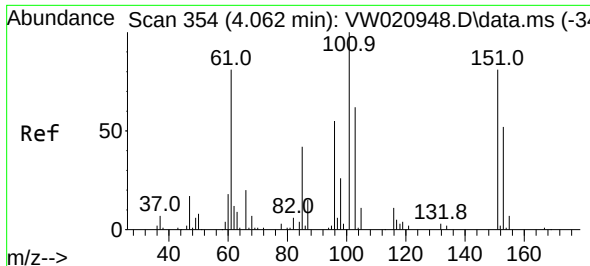
Tgt Ion: 64 Resp: 16648
Ion Ratio Lower Upper
64 100
66 33.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 22.203 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion:101 Resp: 21666
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

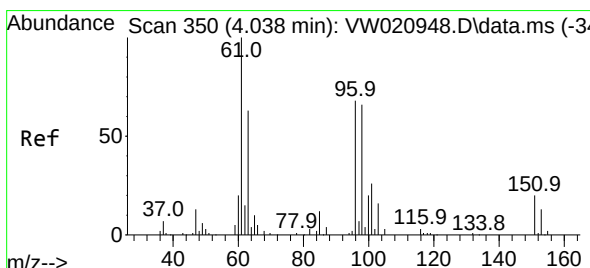
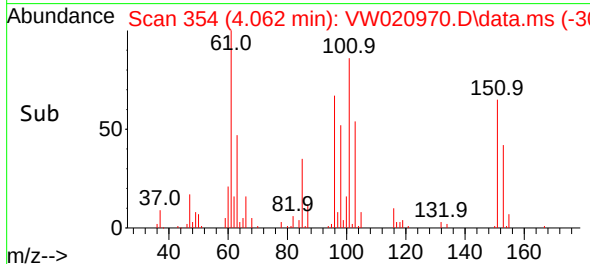
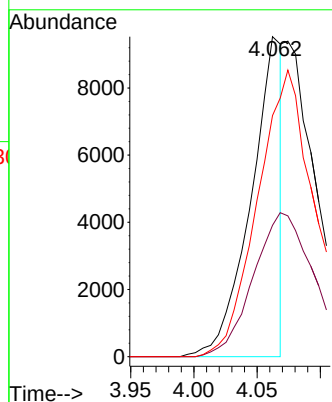
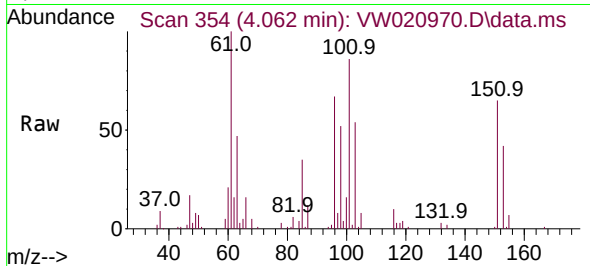




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.053 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW020970.D
 Acq: 26 Nov 2021 20:16

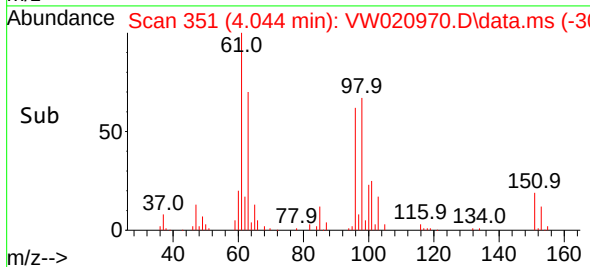
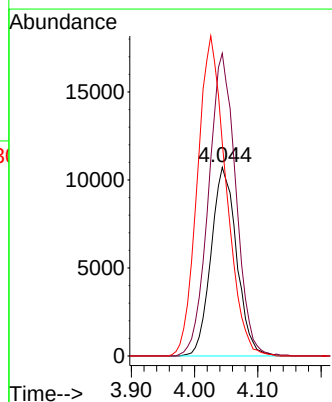
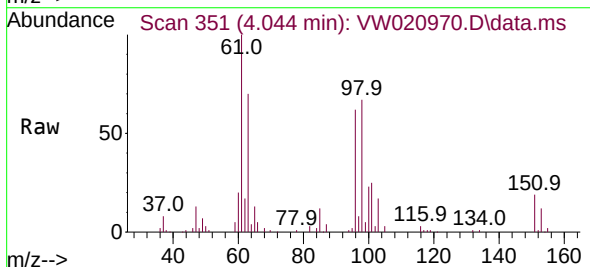
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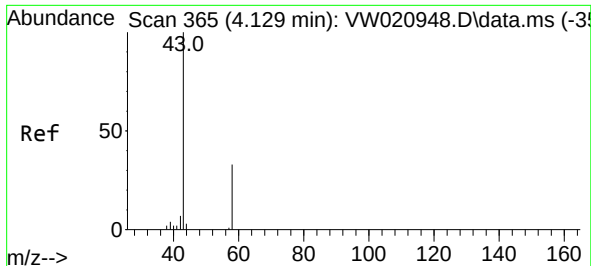
Tgt Ion:101 Resp: 16397
 Ion Ratio Lower Upper
 101 100
 85 88.6 36.6 54.8#
 151 165.9 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 21.849 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW020970.D
 Acq: 26 Nov 2021 20:16

Tgt Ion: 96 Resp: 30134
 Ion Ratio Lower Upper
 96 100
 61 160.3 138.3 256.9
 63 113.0 82.6 153.4





#13

Acetone

Concen: 38.518 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

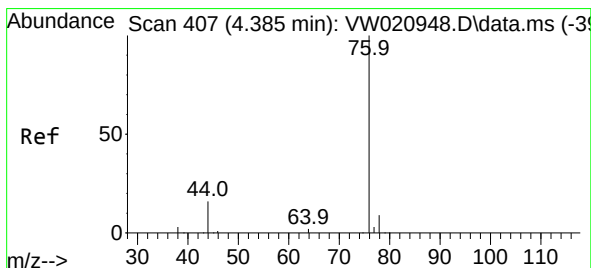
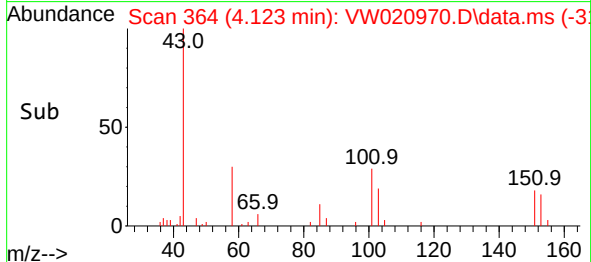
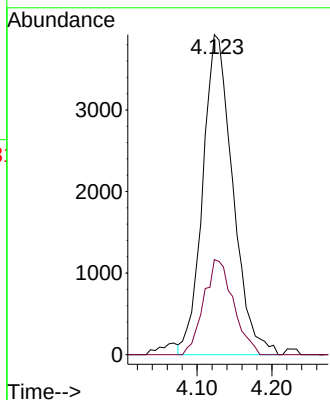
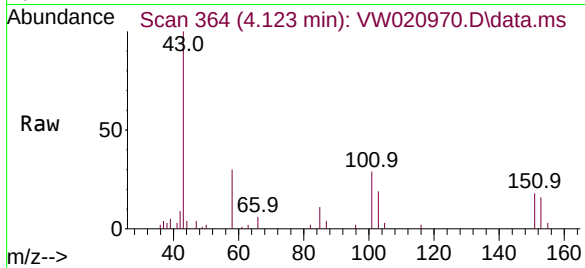
ClientSampleId :

Tgt Ion: 43 Resp: 10960

Ion Ratio Lower Upper

43 100

58 29.3 0.0 52.8



#14

Carbon disulfide

Concen: 19.234 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW020970.D

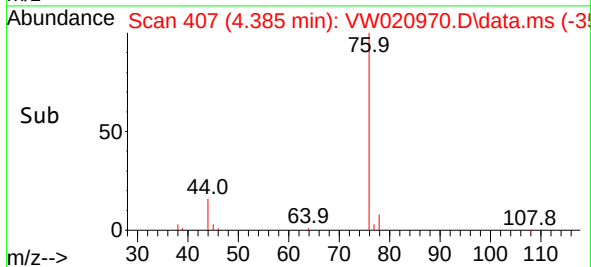
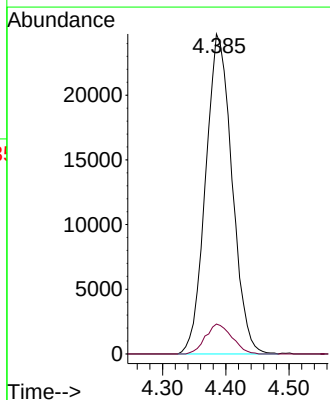
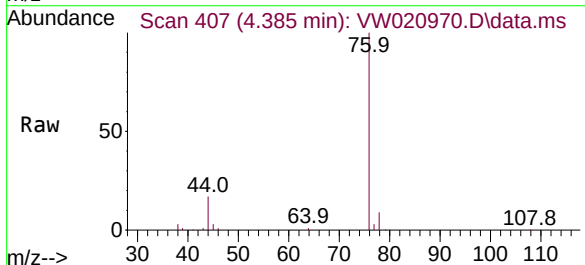
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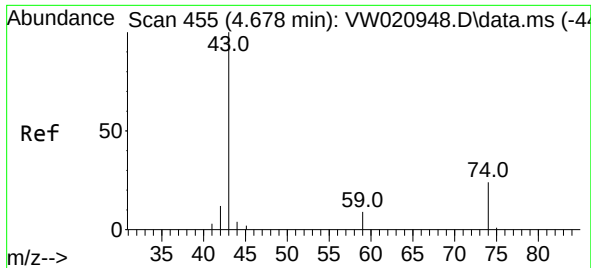
Tgt Ion: 76 Resp: 71746

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

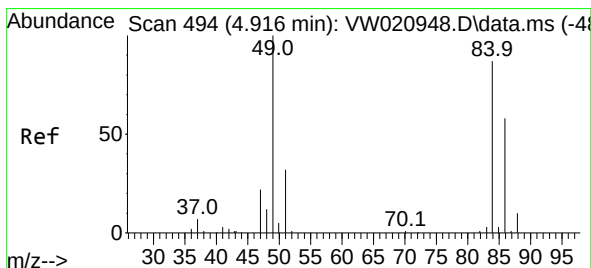
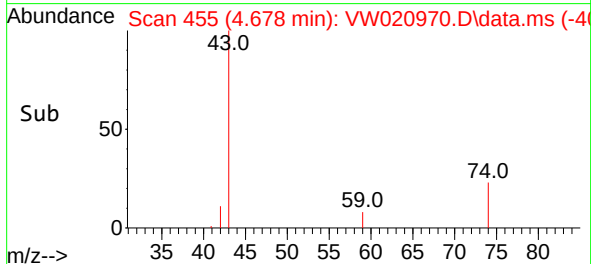
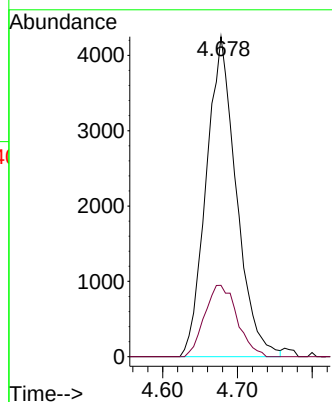
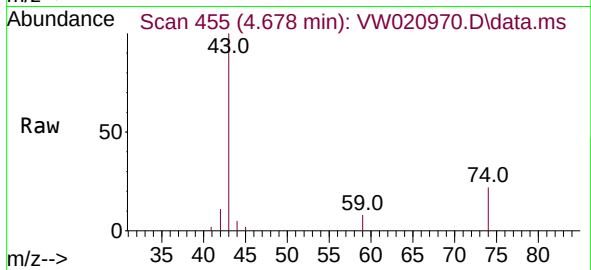




#15
Methyl Acetate
Concen: 23.295 ug/L
RT: 4.678 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

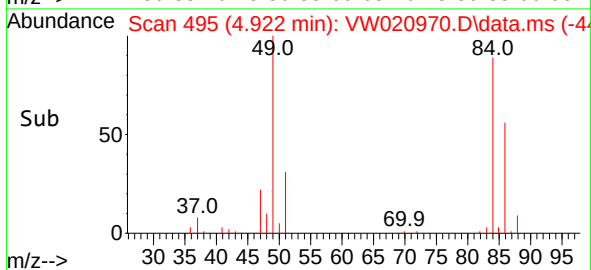
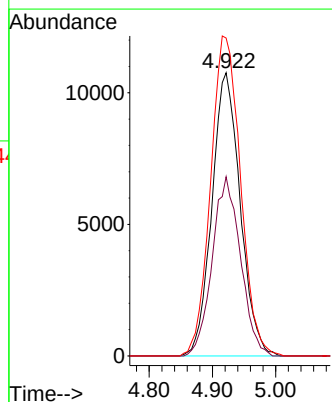
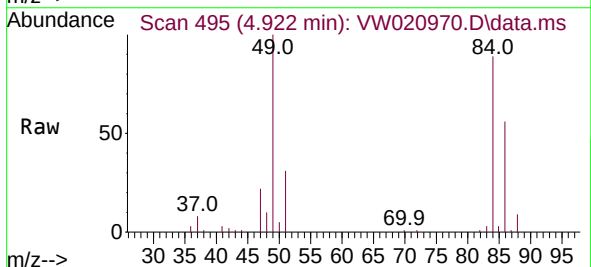
Instrument :
MSVOA_W
ClientSampleId :

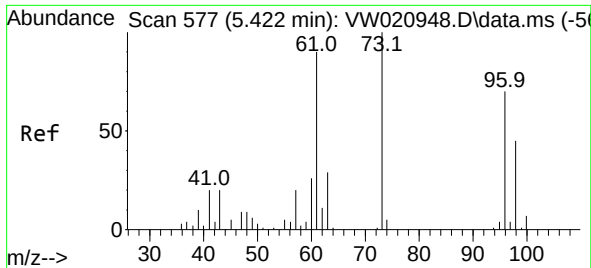
Tgt Ion: 43 Resp: 11887
Ion Ratio Lower Upper
43 100
74 24.1 16.4 24.6



#16
Methylene chloride
Concen: 21.765 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion: 84 Resp: 33415
Ion Ratio Lower Upper
84 100
86 63.3 45.5 84.5
49 112.3 100.5 186.7

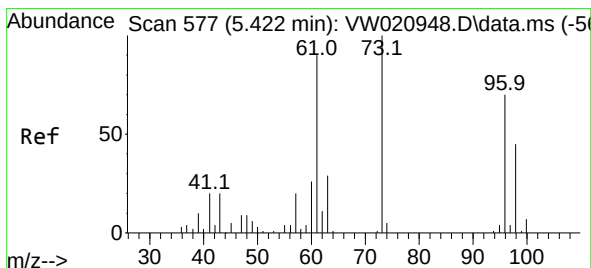
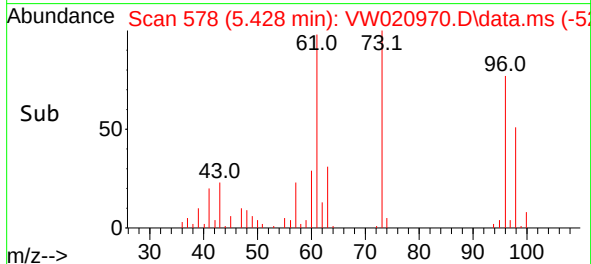
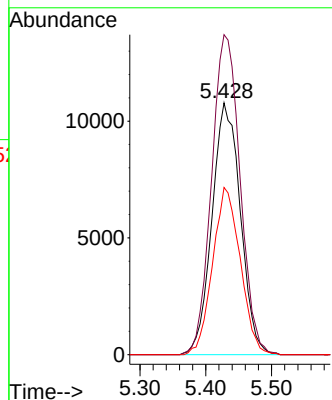
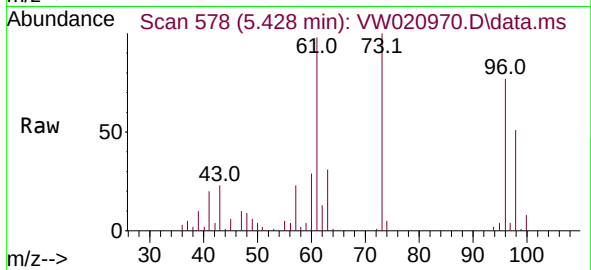




#17
trans-1,2-Dichloroethene
Concen: 21.816 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

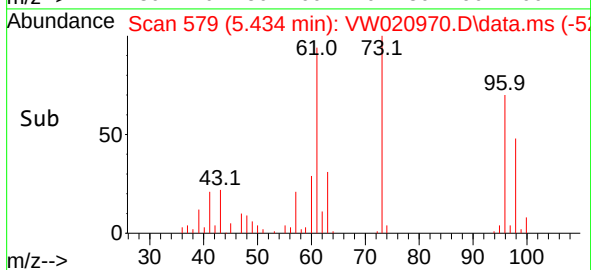
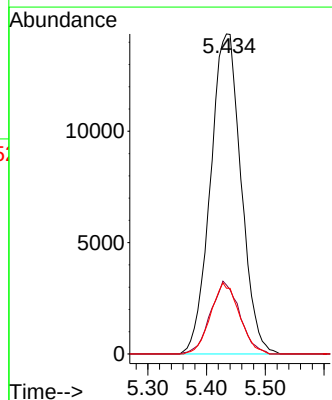
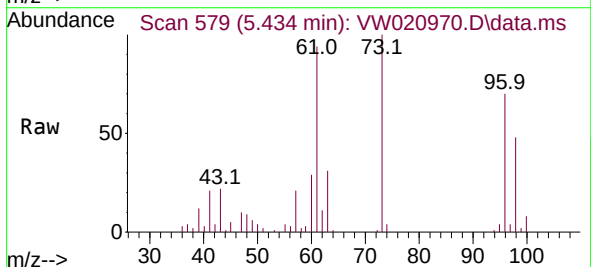
Instrument :
MSVOA_W
ClientSampleId :

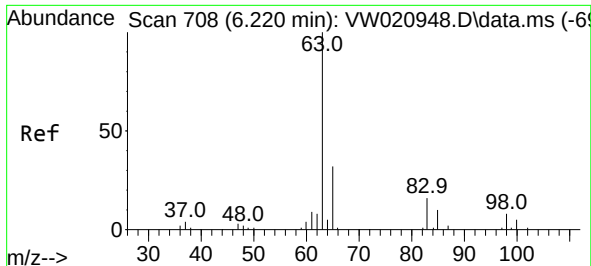
Tgt Ion: 96 Resp: 32429
Ion Ratio Lower Upper
96 100
61 127.1 107.4 199.4
98 66.4 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.314 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.012 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion: 73 Resp: 52019
Ion Ratio Lower Upper
73 100
43 21.6 19.5 29.3
57 20.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 22.755 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW020970.D

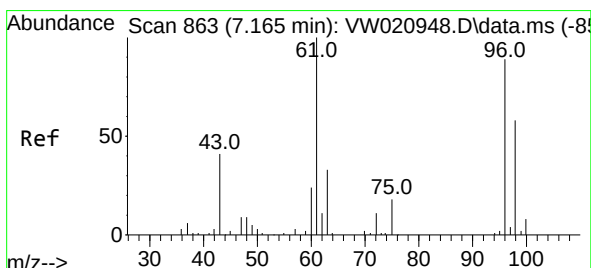
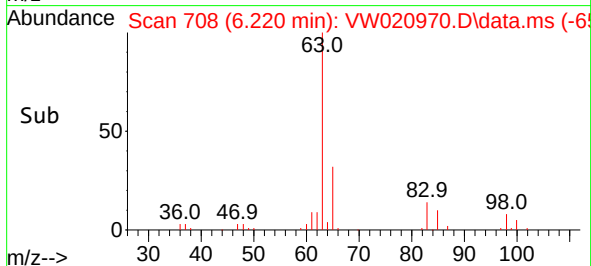
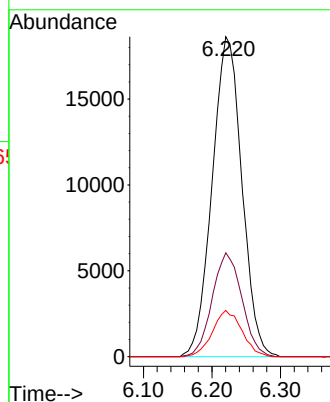
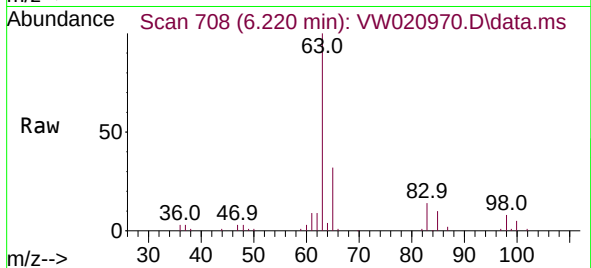
Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 56044
Ion Ratio	Lower Upper
63	100
65	32.4 22.1 41.1
83	14.5 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.152 ug/L

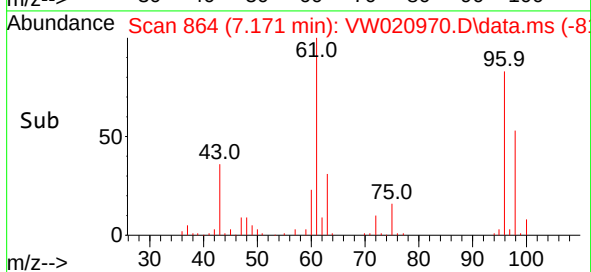
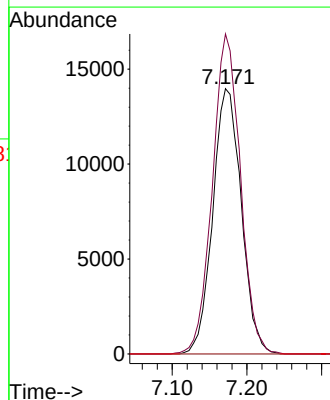
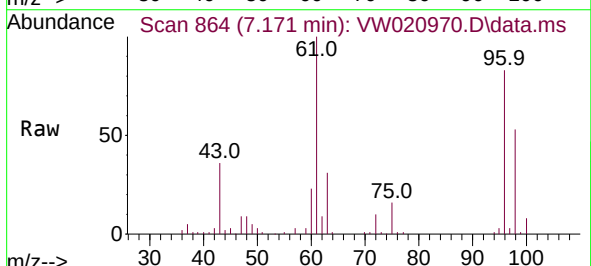
RT: 7.171 min Scan# 864

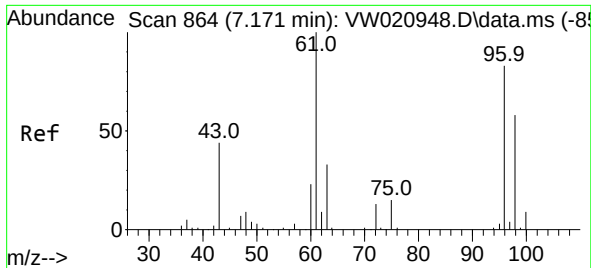
Delta R.T. 0.006 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Tgt Ion: 96	Resp: 37091
Ion Ratio	Lower Upper
96	100
61	120.6 103.7 192.7
68	0.0 0.0 0.0

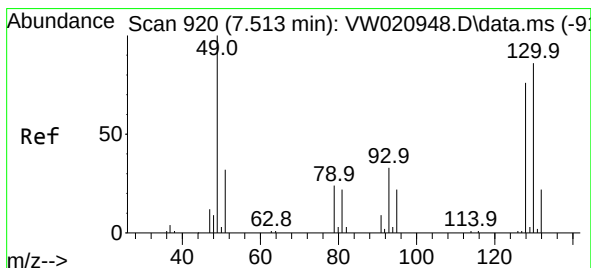
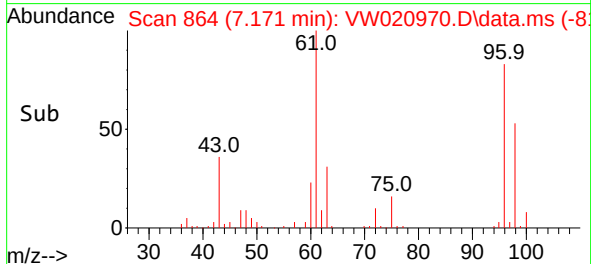
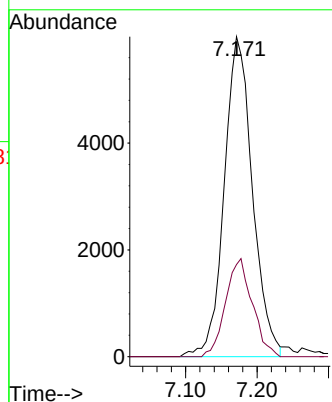
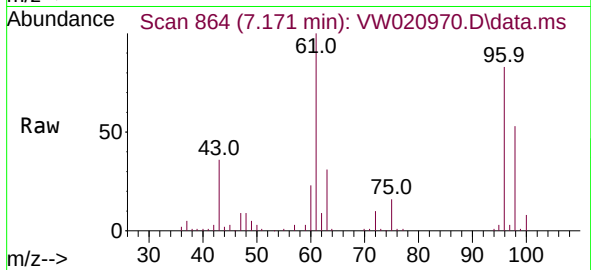




#22
2-Butanone
Concen: 42.533 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

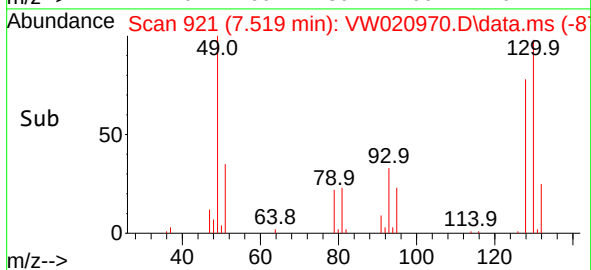
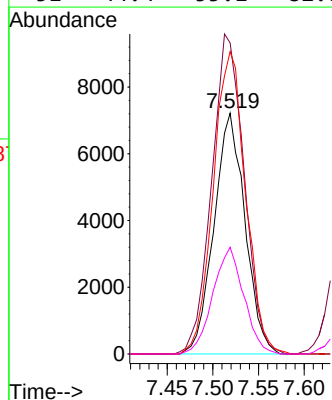
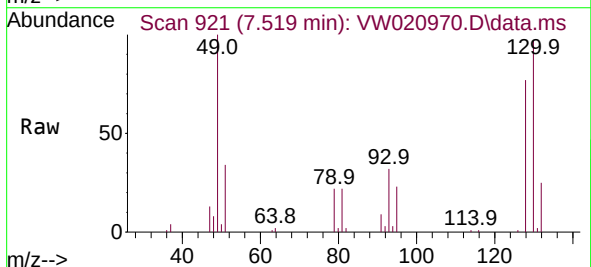
Instrument :
MSVOA_W
ClientSampleId :

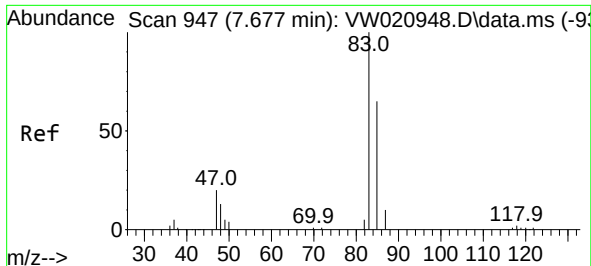
Tgt Ion: 43 Resp: 16443
Ion Ratio Lower Upper
43 100
72 29.0 11.8 35.4



#23
Bromochloromethane
Concen: 23.226 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion: 128 Resp: 17011
Ion Ratio Lower Upper
128 100
49 129.2 150.3 279.1#
130 125.6 88.3 163.9
51 44.4 55.1 82.7#

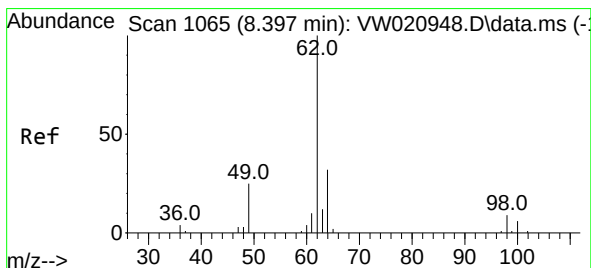
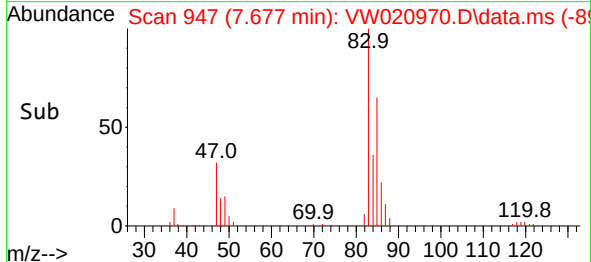
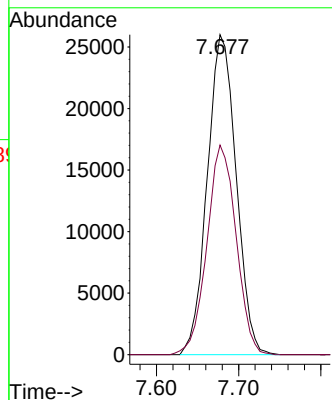
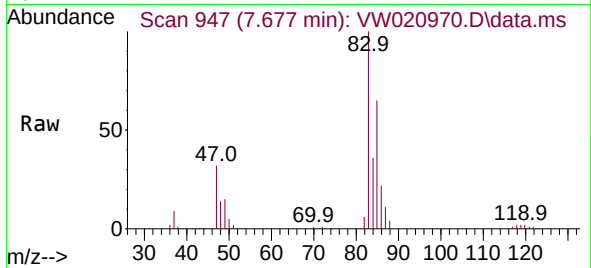




#25
Chloroform
Concen: 23.600 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

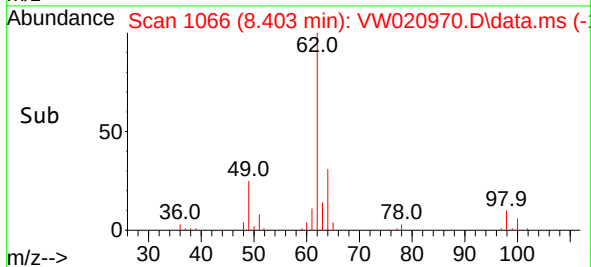
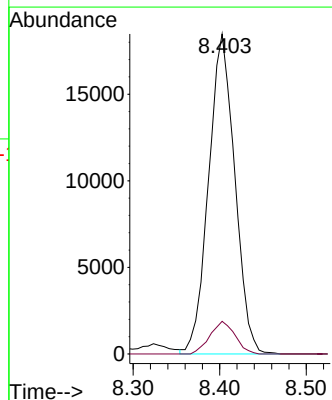
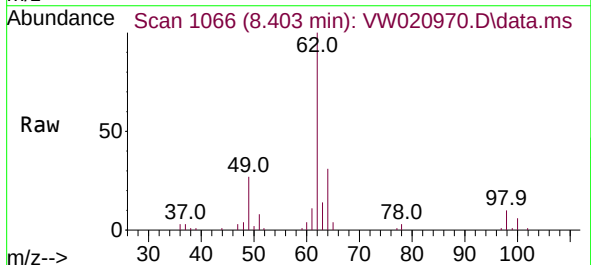
Instrument :
MSVOA_W
ClientSampleId :

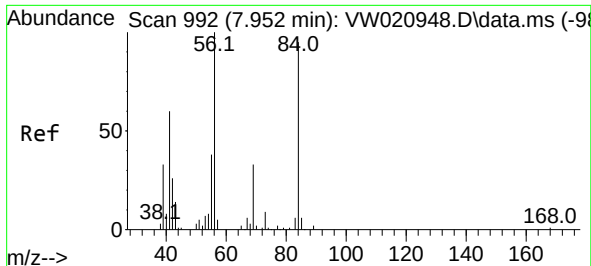
Tgt Ion: 83 Resp: 63532
Ion Ratio Lower Upper
83 100
85 65.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.807 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion: 62 Resp: 38807
Ion Ratio Lower Upper
62 100
98 10.2 6.5 9.7#





#29

Cyclohexane

Concen: 19.933 ug/L

RT: 7.964 min Scan# 994

Delta R.T. 0.012 min

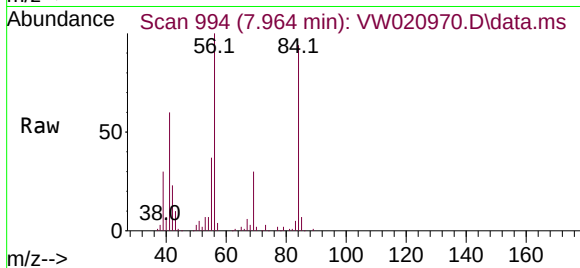
Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

ClientSampleId :



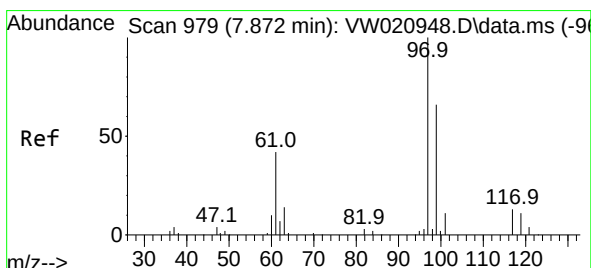
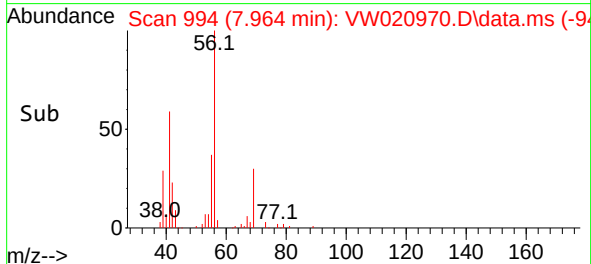
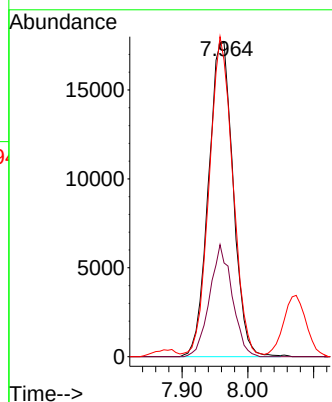
Tgt Ion: 56 Resp: 46179

Ion Ratio Lower Upper

56 100

69 32.5 23.5 35.3

84 97.9 63.4 95.2#



#30

1,1,1-Trichloroethane

Concen: 22.000 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

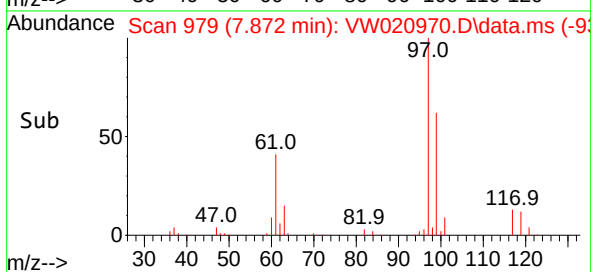
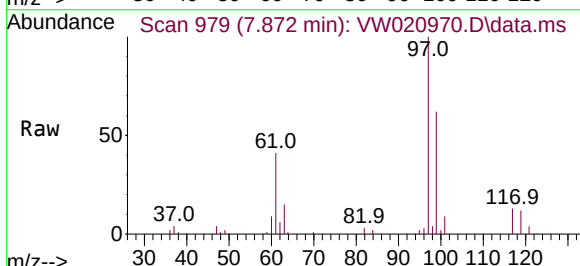
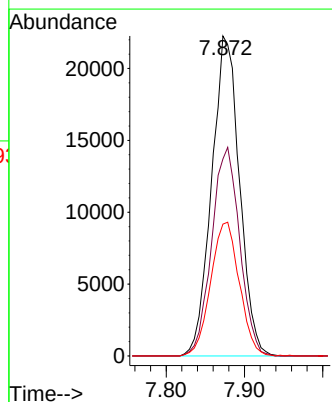
Tgt Ion: 97 Resp: 54978

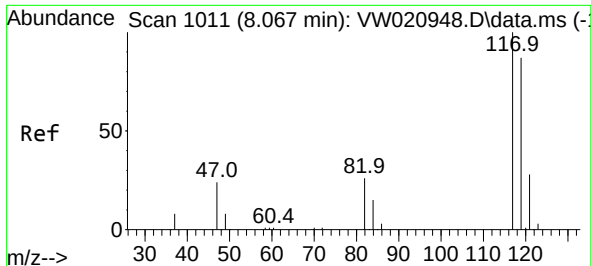
Ion Ratio Lower Upper

97 100

99 65.7 51.6 77.4

61 43.0 40.9 61.3

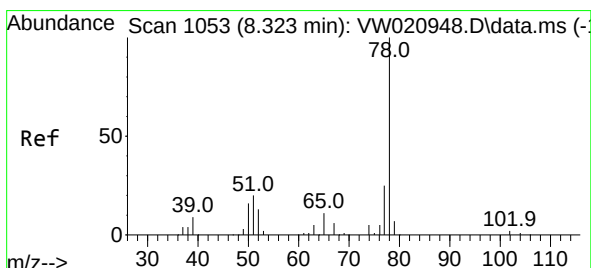
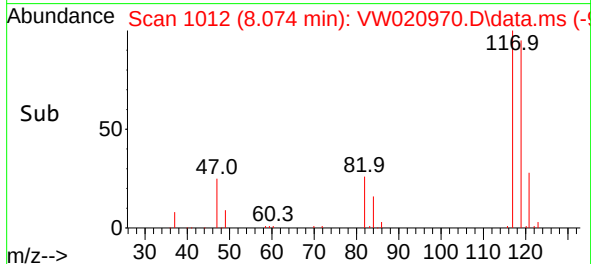
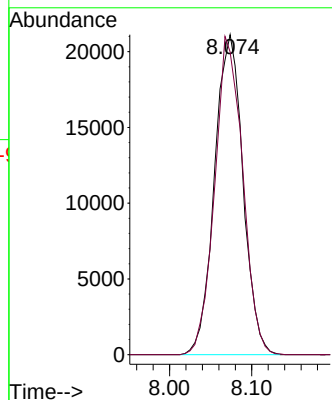
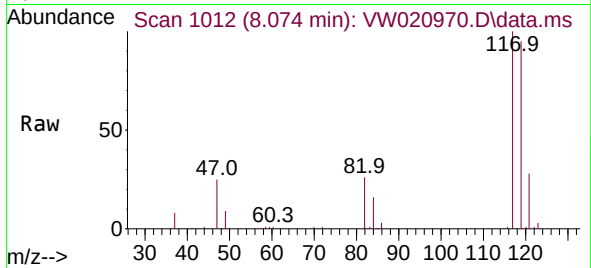




#31
Carbon tetrachloride
Concen: 21.493 ug/L
RT: 8.074 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

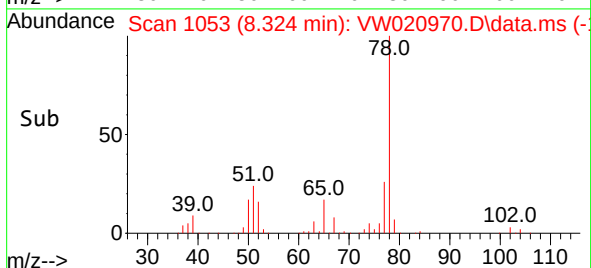
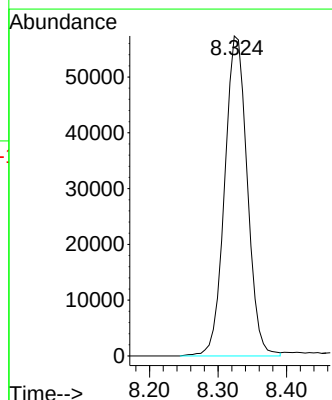
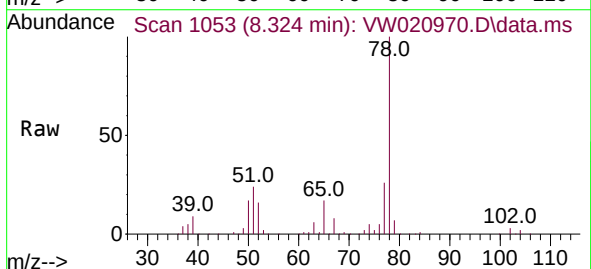
Instrument :
MSVOA_W
ClientSampleId :

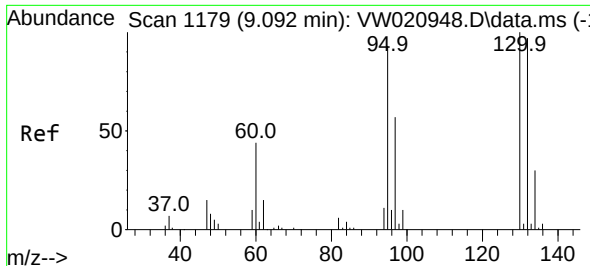
Tgt Ion:117 Resp: 50835
Ion Ratio Lower Upper
117 100
119 97.8 75.7 113.5



#33
Benzene
Concen: 22.331 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

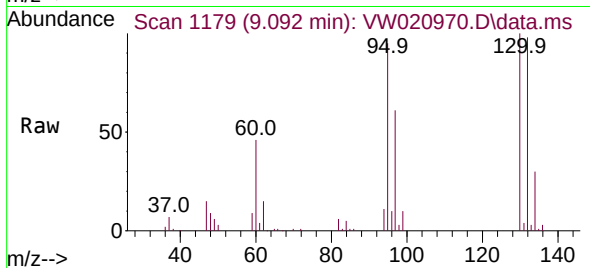
Tgt Ion: 78 Resp: 131390



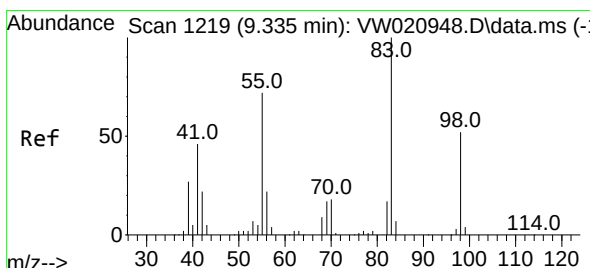
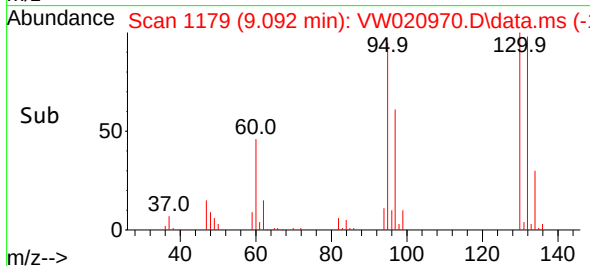
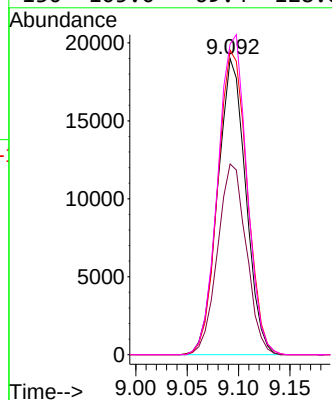


#34
Trichloroethene
Concen: 21.969 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Instrument :
MSVOA_W
ClientSampleId :

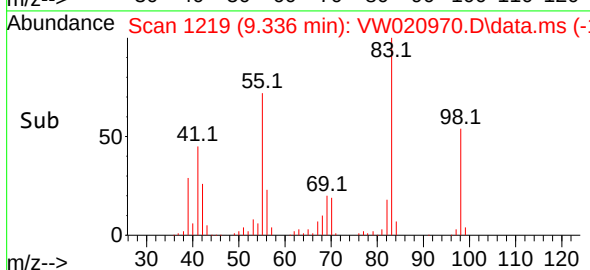
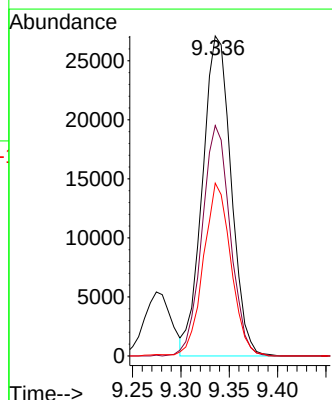
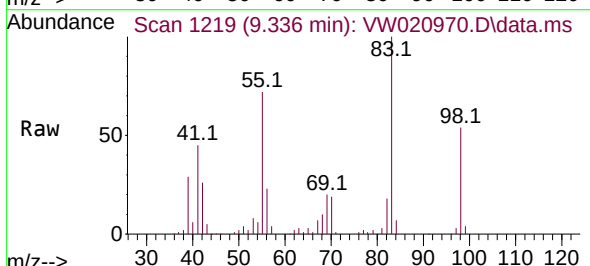


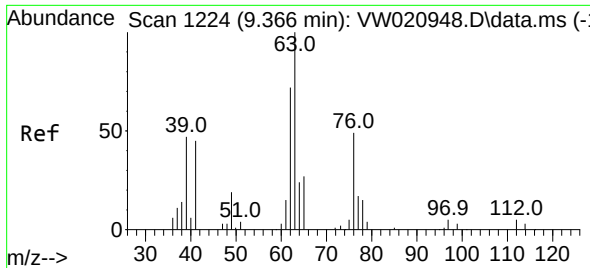
Tgt Ion:	95	Resp:	36155
Ion Ratio	100	Lower	Upper
95	100		
97	64.5	47.0	87.2
132	102.9	65.5	121.6
130	105.0	69.4	128.8



#35
Methylcyclohexane
Concen: 20.625 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion:	83	Resp:	55964
Ion Ratio	100	Lower	Upper
83	100		
55	70.6	70.8	106.2#
98	51.8	37.7	56.5

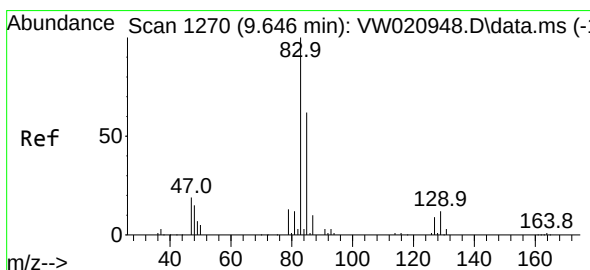
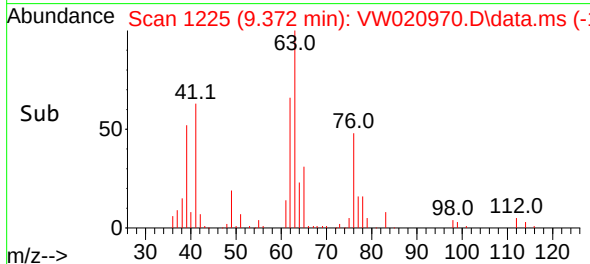
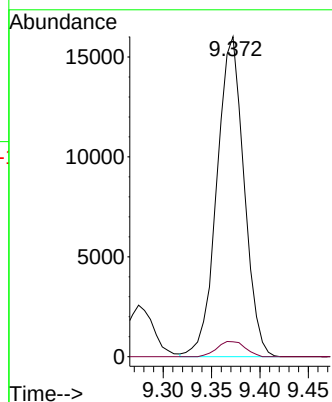
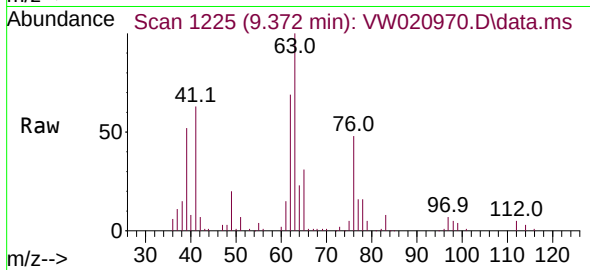




#37
1,2-Dichloropropane
Concen: 22.867 ug/L
RT: 9.372 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

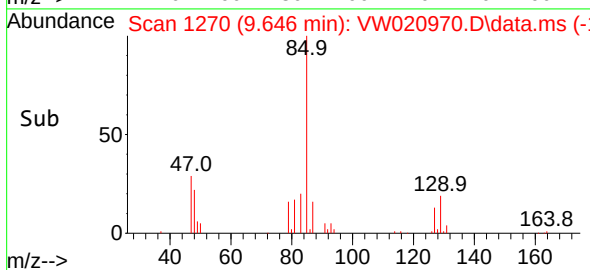
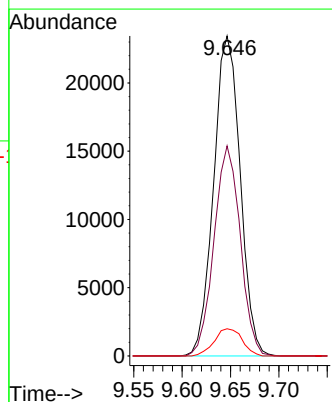
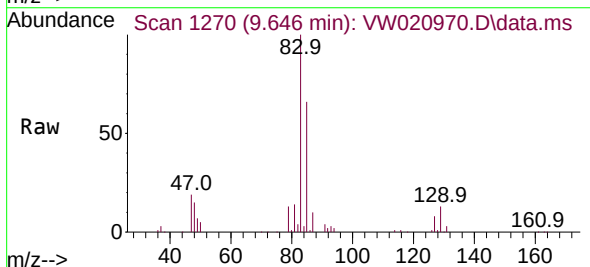
Instrument :
MSVOA_W
ClientSampleId :

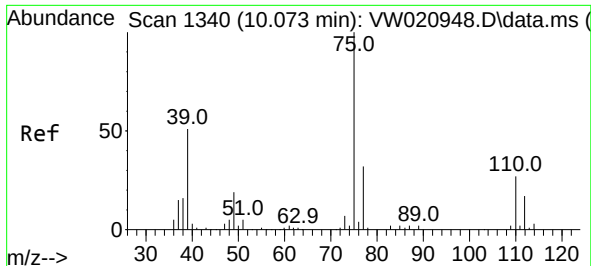
Tgt Ion: 63 Resp: 31312
Ion Ratio Lower Upper
63 100
112 4.9 3.2 4.8#



#38
Bromodichloromethane
Concen: 22.783 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion: 83 Resp: 44772
Ion Ratio Lower Upper
83 100
85 65.7 44.1 81.9
127 8.5 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 22.692 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

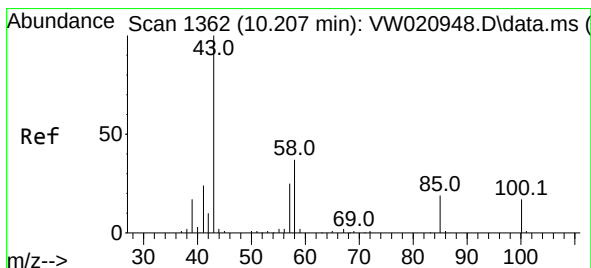
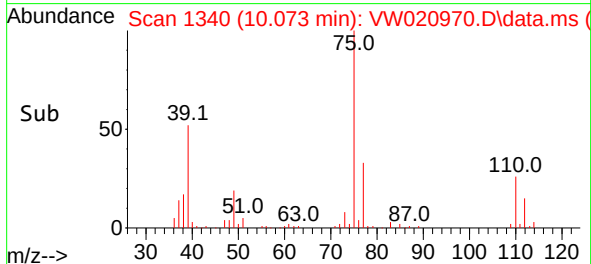
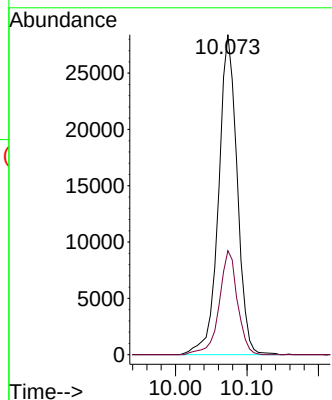
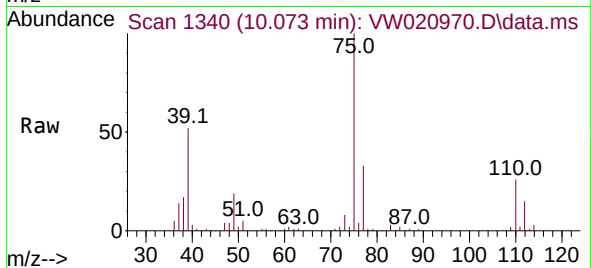
ClientSampleId :

Tgt Ion: 75 Resp: 51305

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.483 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

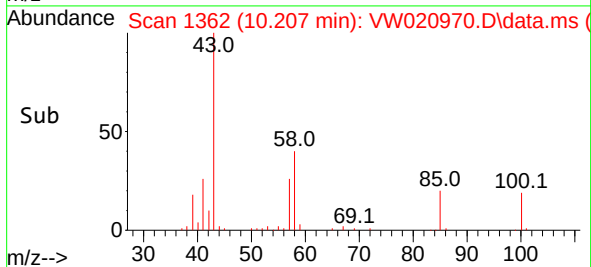
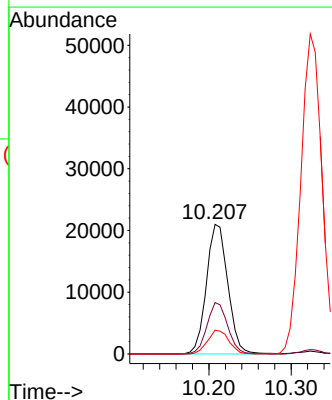
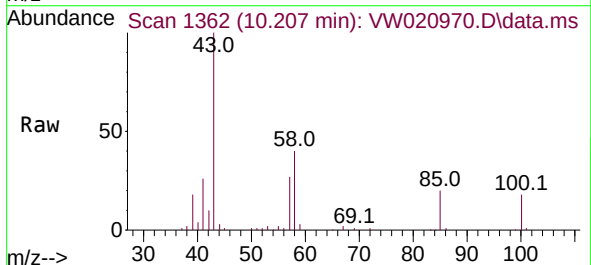
Tgt Ion: 43 Resp: 37885

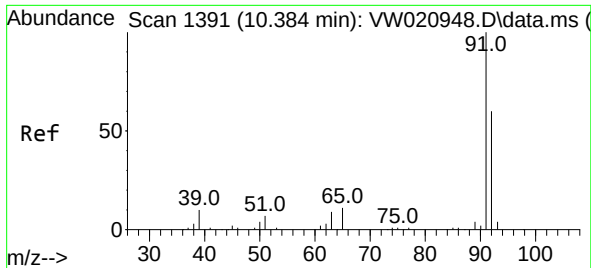
Ion Ratio Lower Upper

43 100

58 38.3 28.8 43.2

100 18.2 10.0 15.0#

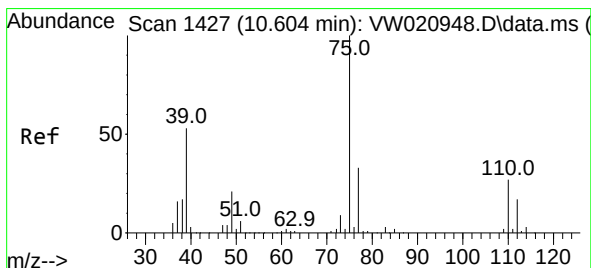
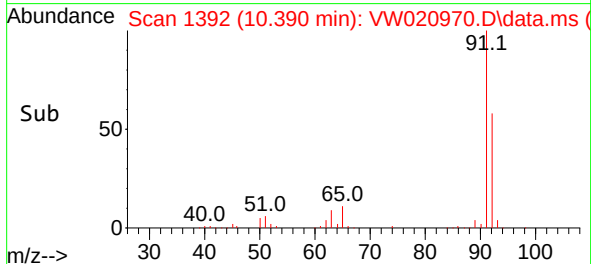
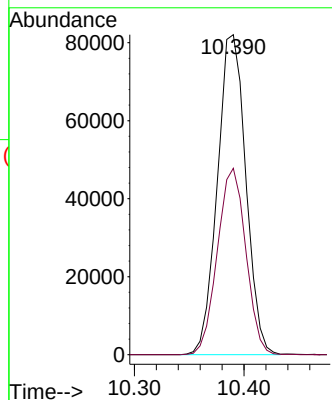
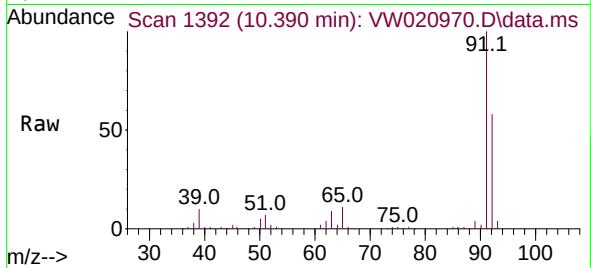




#42
Toluene
Concen: 22.362 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

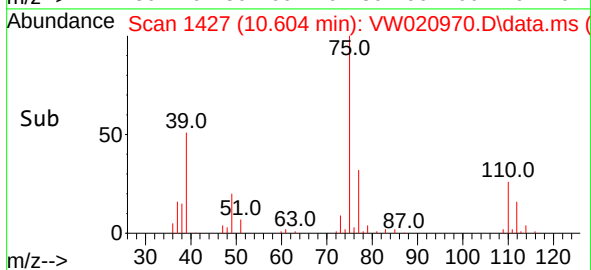
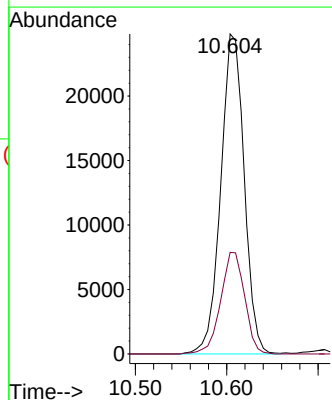
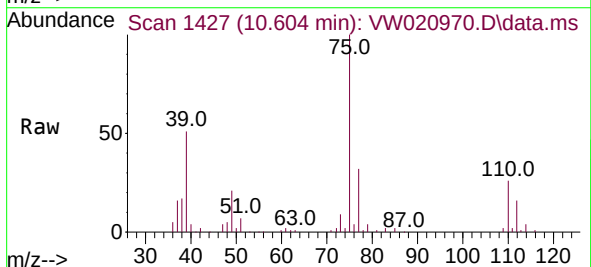
Instrument :
MSVOA_W
ClientSampleId :

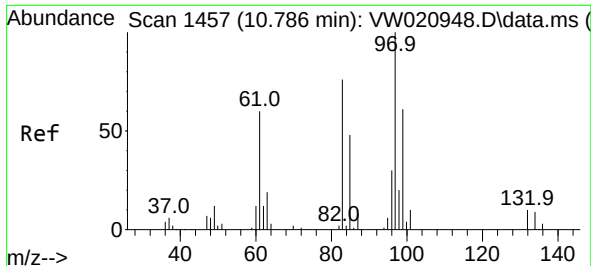
Tgt Ion: 91 Resp: 147996
Ion Ratio Lower Upper
91 100
92 58.2 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.298 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion: 75 Resp: 44305
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.095 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

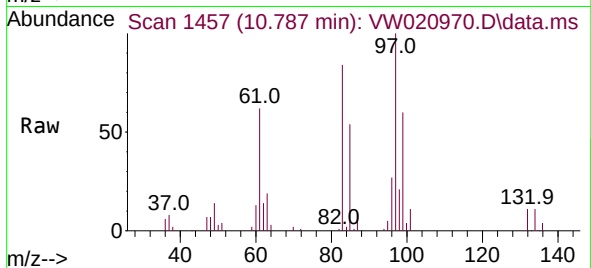
Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 25661

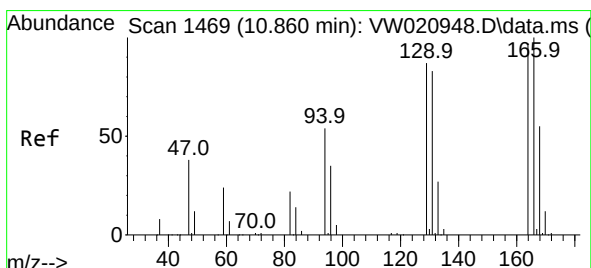
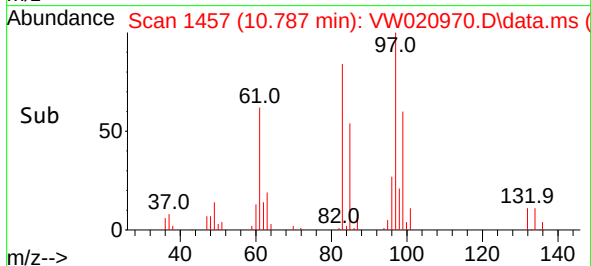
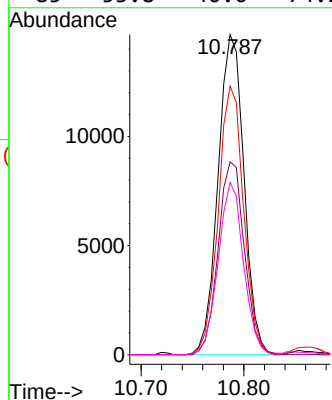
Ion Ratio Lower Upper

97 100

99 60.3 43.0 79.8

83 83.9 62.6 116.3

85 53.8 40.0 74.2



#46

Tetrachloroethene

Concen: 21.042 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Tgt Ion:164 Resp: 31795

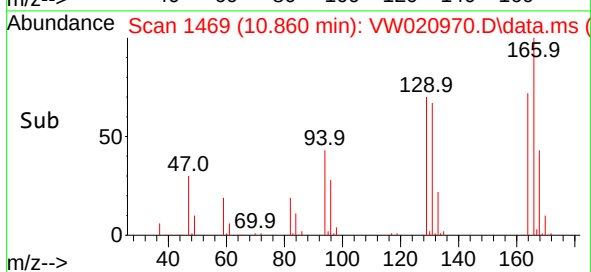
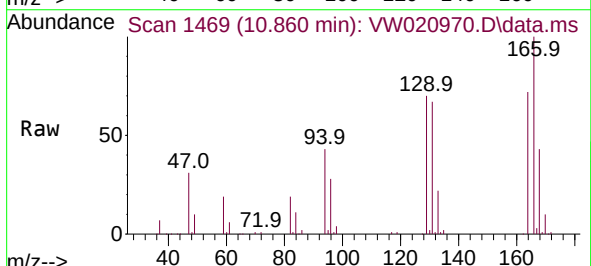
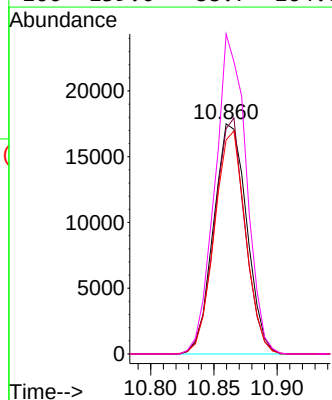
Ion Ratio Lower Upper

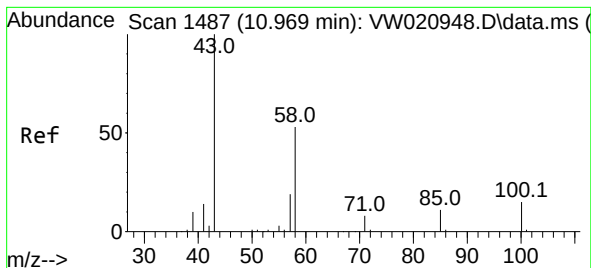
164 100

129 97.9 65.5 121.7

131 93.0 59.7 110.9

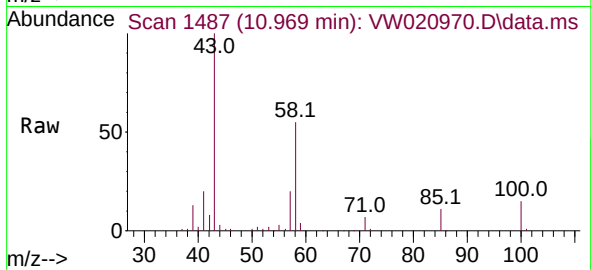
166 139.0 88.7 164.7



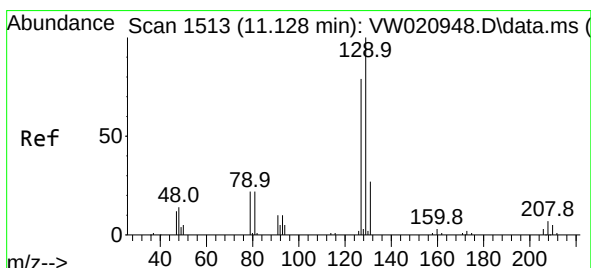
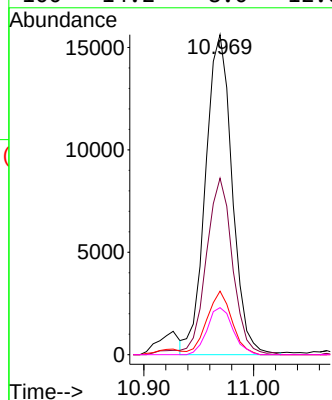
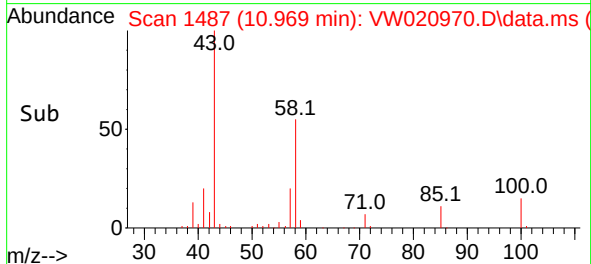


#48
2-Hexanone
Concen: 46.787 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Instrument :
MSVOA_W
ClientSampleId :

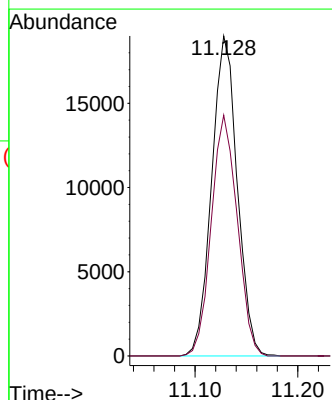
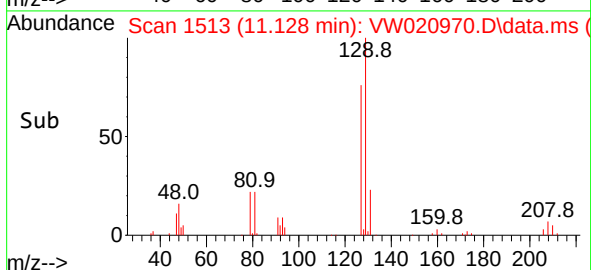
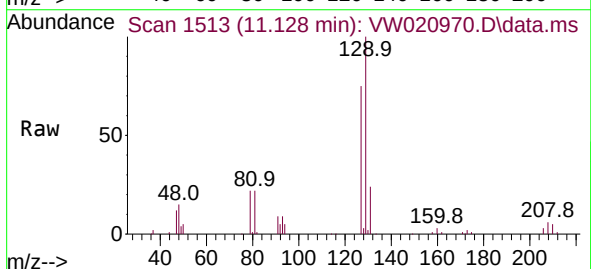


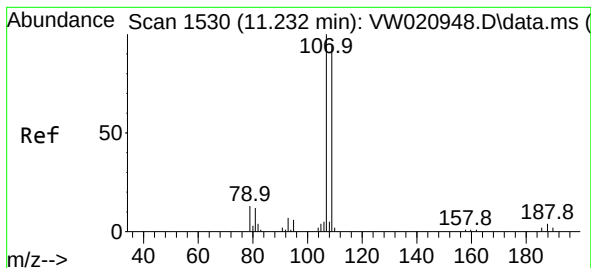
Tgt Ion: 43 Resp: 26414
Ion Ratio Lower Upper
43 100
58 54.0 40.2 60.2
57 18.6 14.3 21.5
100 14.2 8.0 12.0#



#49
Dibromochloromethane
Concen: 22.353 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

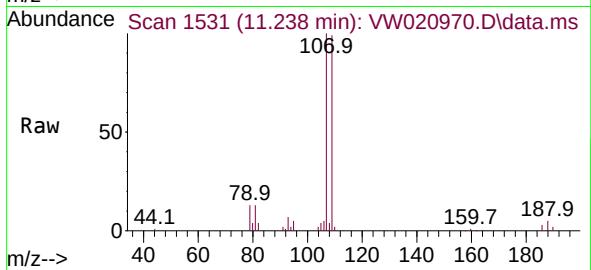
Tgt Ion: 129 Resp: 32820
Ion Ratio Lower Upper
129 100
127 75.2 55.7 103.5



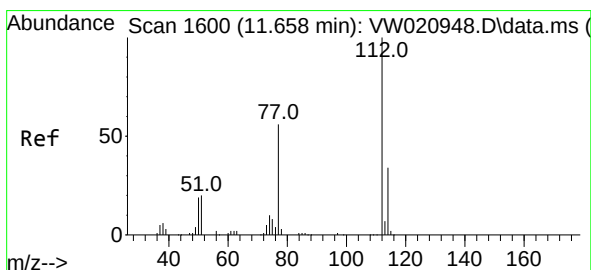
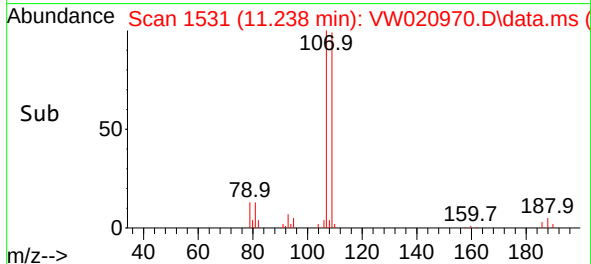
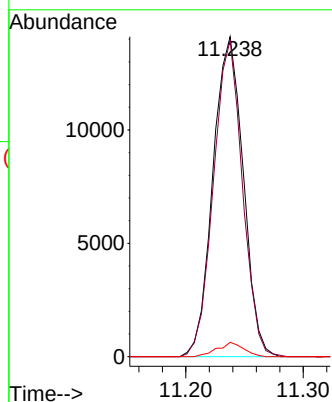


#50
1,2-Dibromoethane
Concen: 23.665 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Instrument :
MSVOA_W
ClientSampleId :

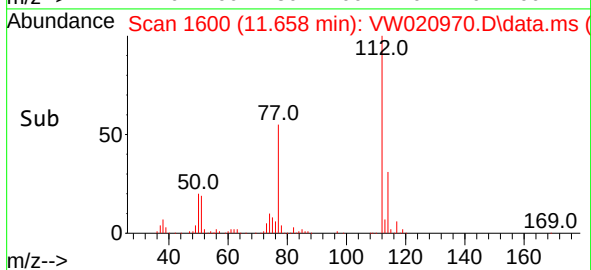
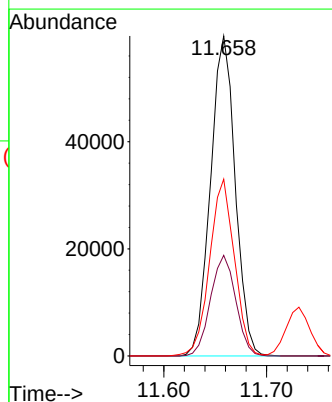
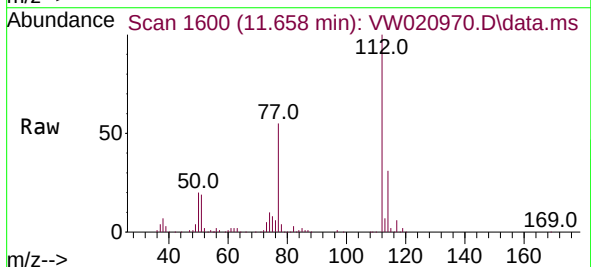


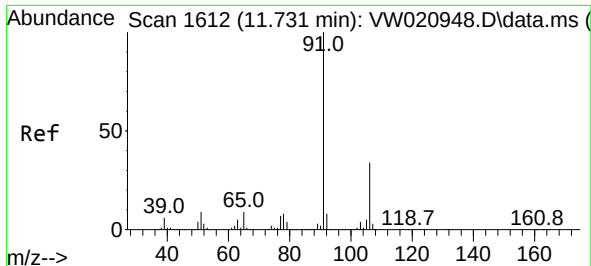
Tgt Ion:107 Resp: 25268
Ion Ratio Lower Upper
107 100
109 98.9 64.1 119.1
188 4.5 2.6 3.8#



#51
Chlorobenzene
Concen: 22.648 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion:112 Resp: 99688
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 55.3 50.2 75.4

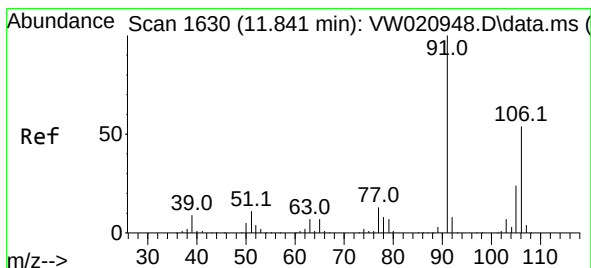
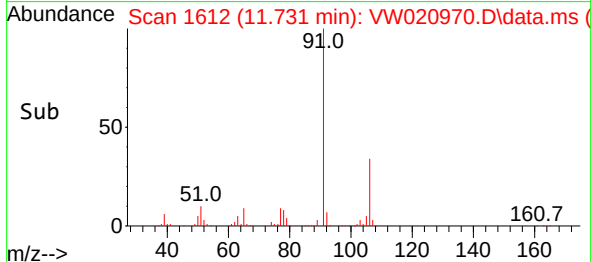
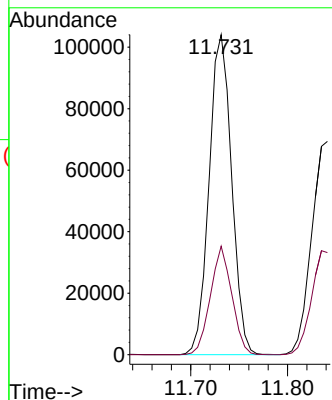
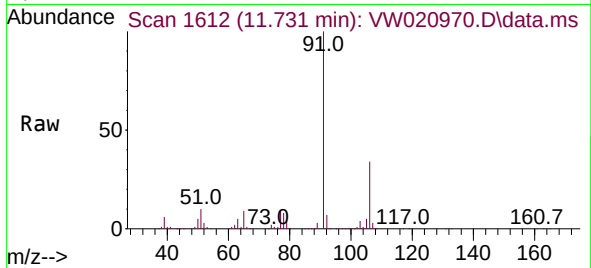




#52
Ethylbenzene
Concen: 23.001 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

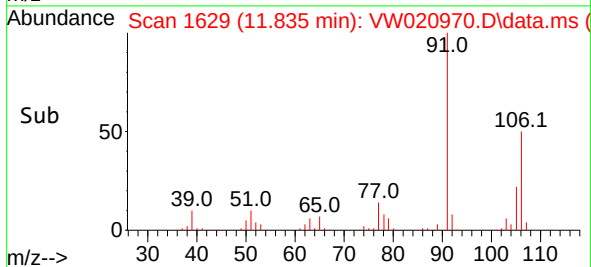
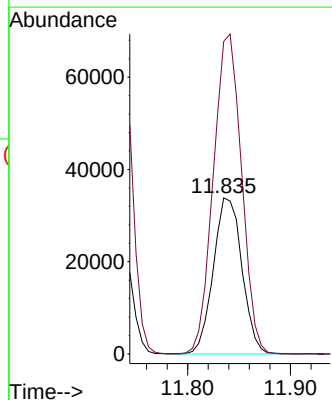
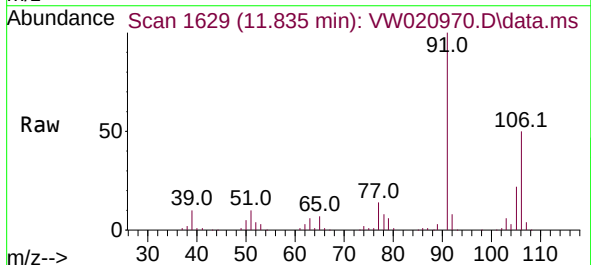
Instrument :
MSVOA_W
ClientSampleId :

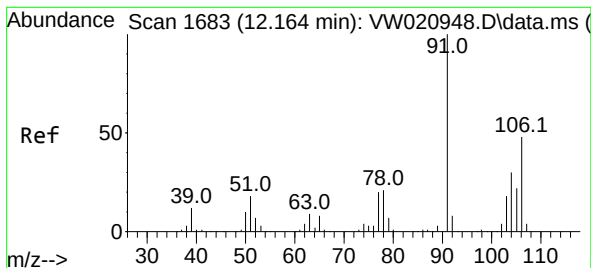
Tgt Ion: 91 Resp: 168680
Ion Ratio Lower Upper
91 100
106 33.9 21.5 39.9



#53
m,p-Xylene
Concen: 21.806 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion:106 Resp: 65289
Ion Ratio Lower Upper
106 100
91 200.4 149.9 278.3





#54

o-Xylene

Concen: 22.302 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

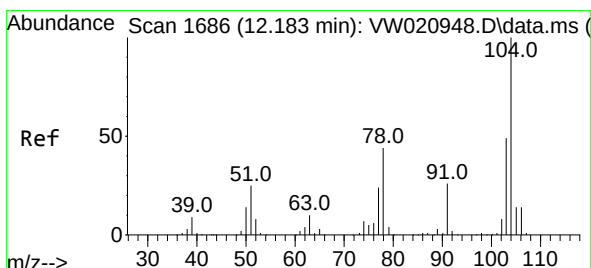
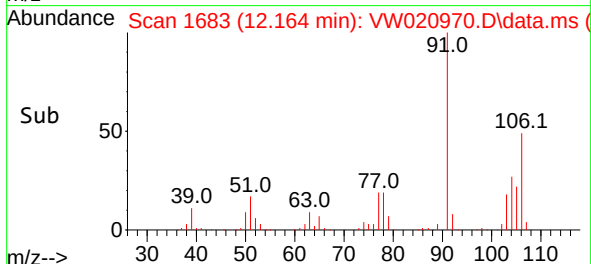
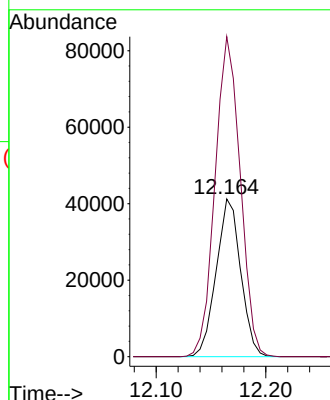
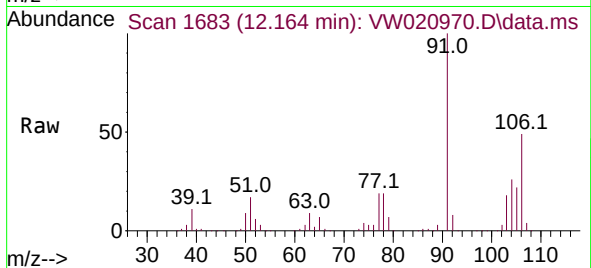
ClientSampleId :

Tgt Ion:106 Resp: 64129

Ion Ratio Lower Upper

106 100

91 202.9 153.6 285.3



#55

Styrene

Concen: 23.014 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW020970.D

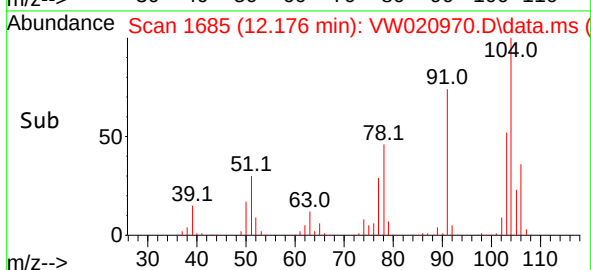
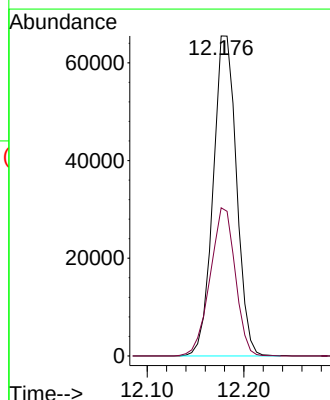
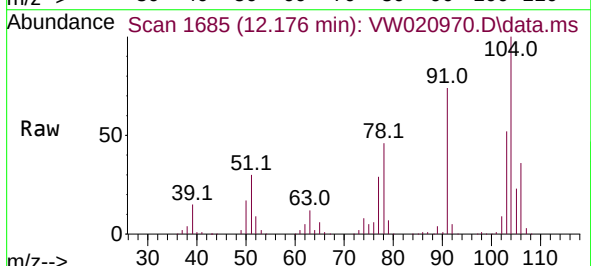
Acq: 26 Nov 2021 20:16

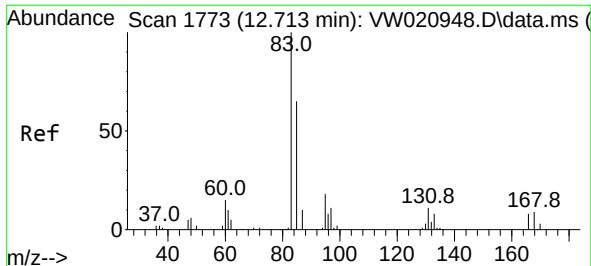
Tgt Ion:104 Resp: 109886

Ion Ratio Lower Upper

104 100

78 46.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 24.672 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020970.D

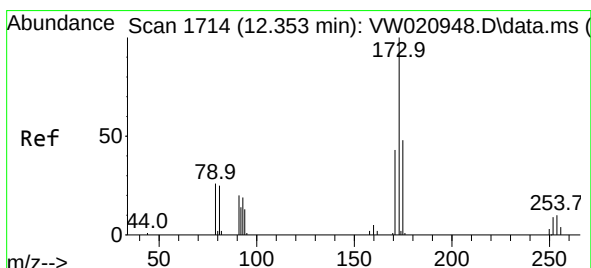
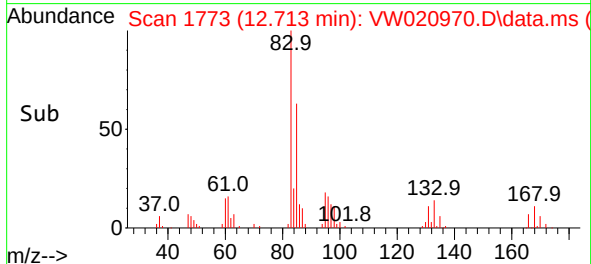
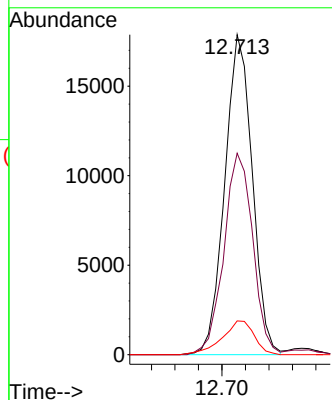
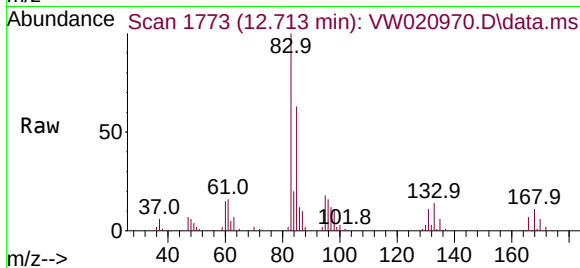
Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	29123
Ion Ratio	Lower	Upper	
83	100		
85	63.0	44.0	81.6
131	10.6	6.9	10.3#



#59

Bromoform

Concen: 21.790 ug/L

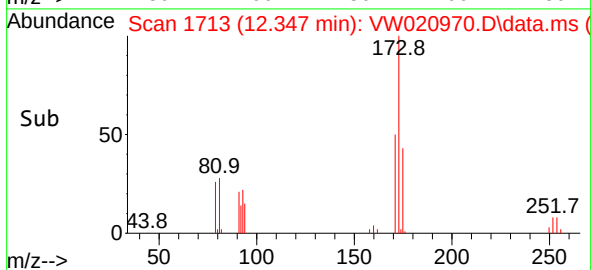
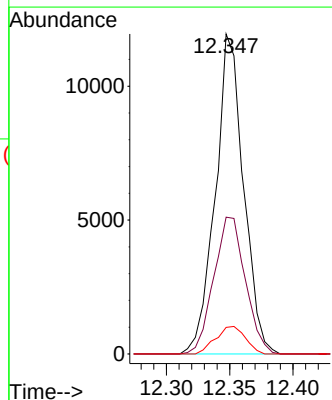
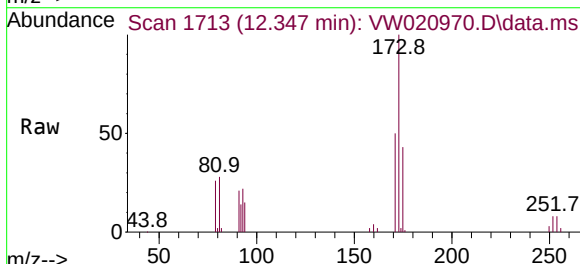
RT: 12.347 min Scan# 1713

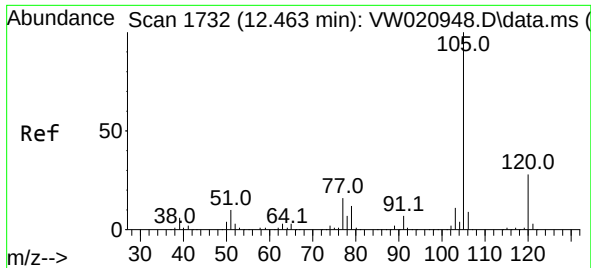
Delta R.T. -0.006 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Tgt Ion:	173	Resp:	18483
Ion Ratio	Lower	Upper	
173	100		
175	48.0	39.6	59.4
254	9.1	7.4	11.0

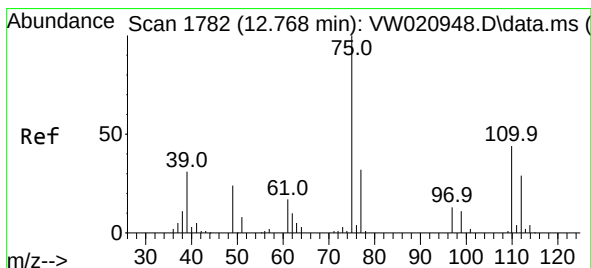
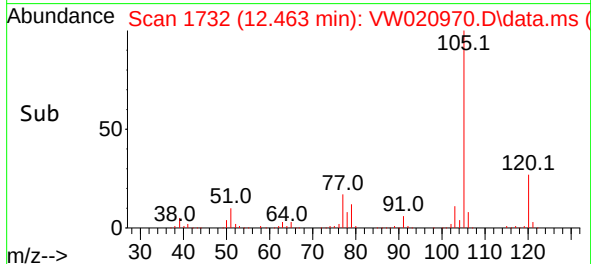
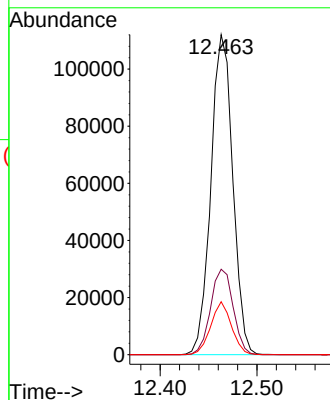
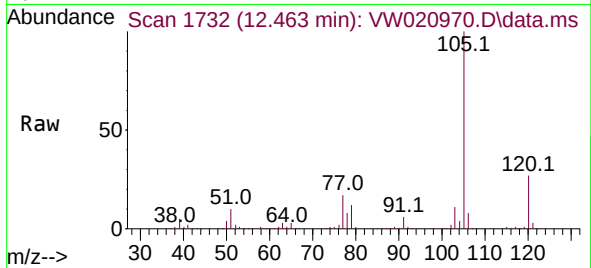




#60
Isopropylbenzene
Concen: 22.794 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

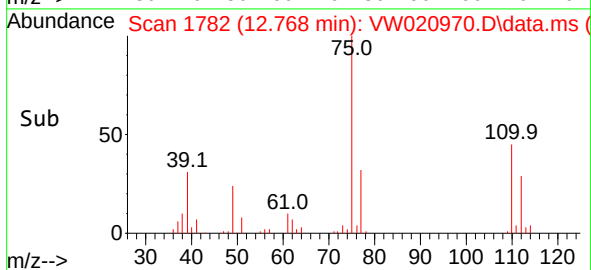
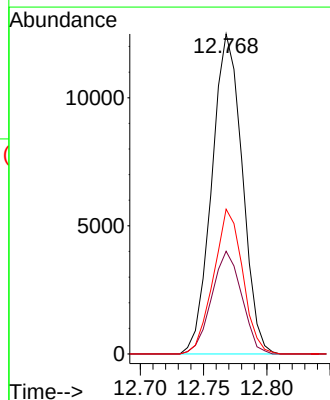
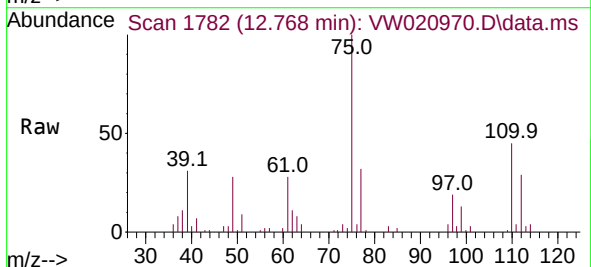
Instrument :
MSVOA_W
ClientSampleId :

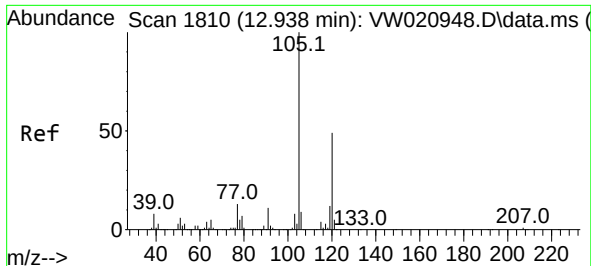
Tgt Ion:105 Resp: 176611
Ion Ratio Lower Upper
105 100
120 27.5 20.1 30.1
77 15.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 25.029 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion: 75 Resp: 20885
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
110 43.5 29.0 43.4#

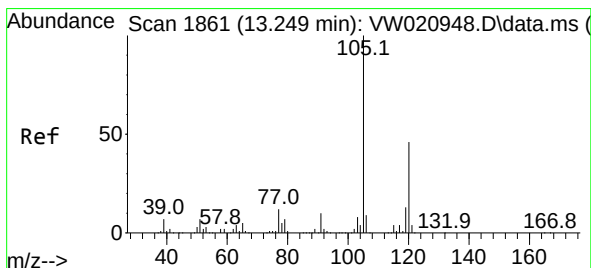
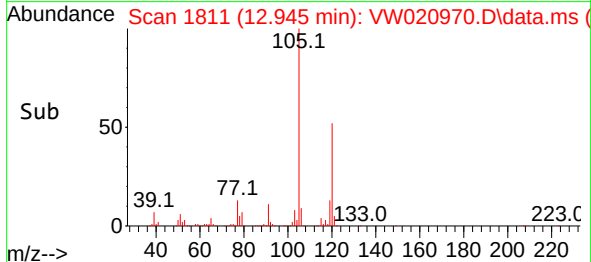
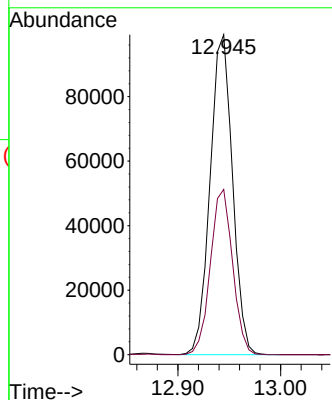
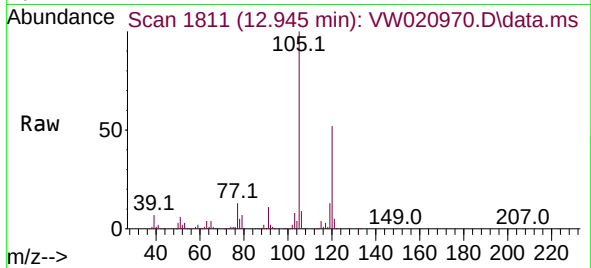




#62
1,3,5-Trimethylbenzene
Concen: 23.017 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

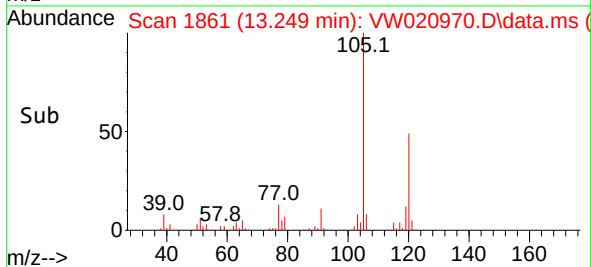
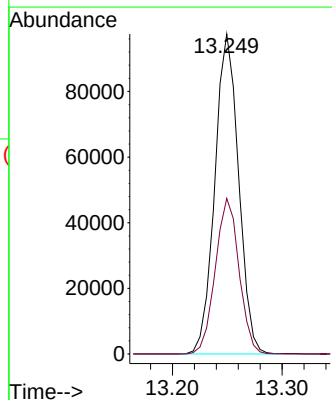
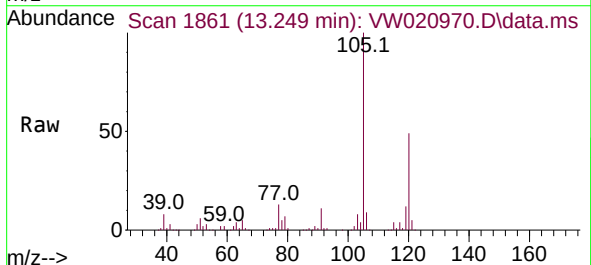
Instrument :
MSVOA_W
ClientSampleId :

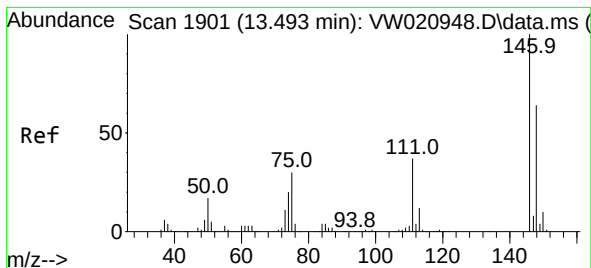
Tgt Ion:105 Resp: 150447
Ion Ratio Lower Upper
105 100
120 51.2 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 22.814 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion:105 Resp: 147125
Ion Ratio Lower Upper
105 100
120 48.4 35.0 52.6

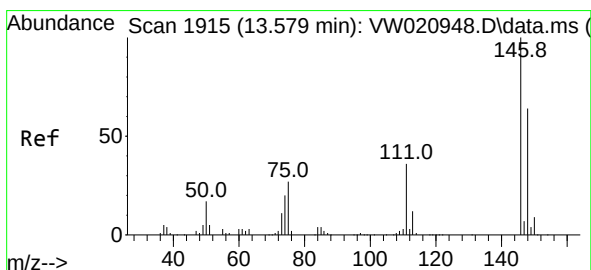
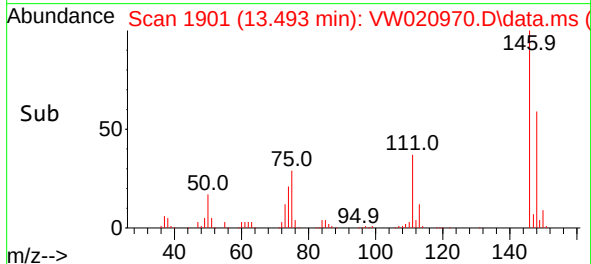
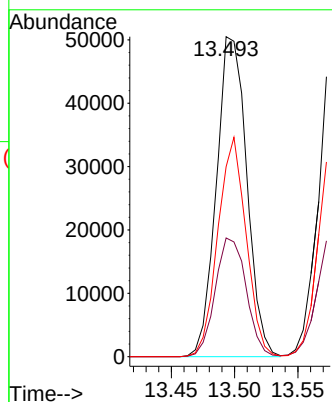
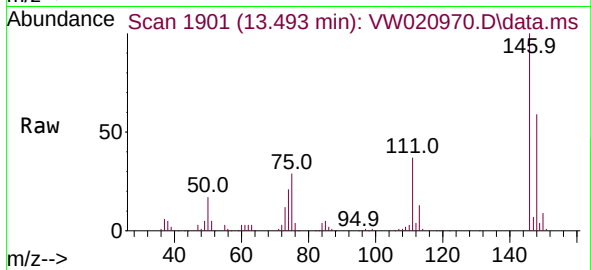




#64
1,3-Dichlorobenzene
Concen: 23.244 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

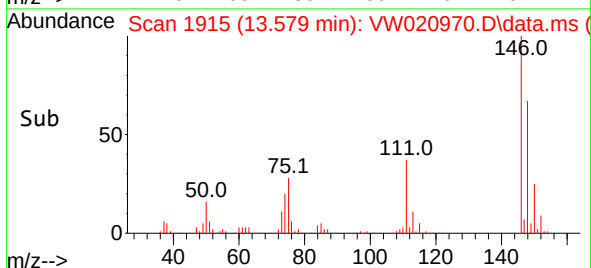
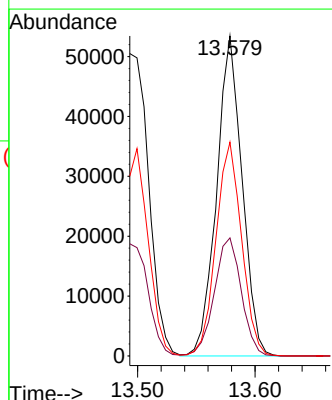
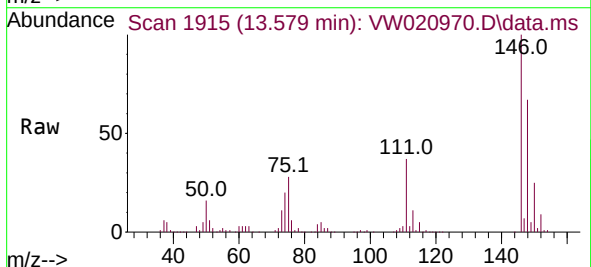
Instrument :
MSVOA_W
ClientSampleId :

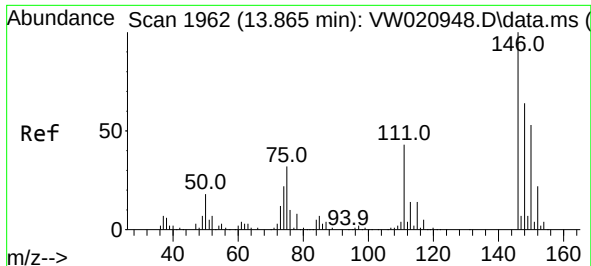
Tgt Ion:146 Resp: 84439
Ion Ratio Lower Upper
146 100
111 37.1 29.8 55.3
148 59.4 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.996 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020970.D
Acq: 26 Nov 2021 20:16

Tgt Ion:146 Resp: 80602
Ion Ratio Lower Upper
146 100
111 36.9 29.0 53.9
148 66.8 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.466 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Instrument :

MSVOA_W

ClientSampleId :

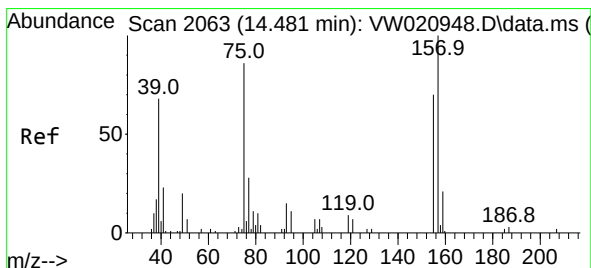
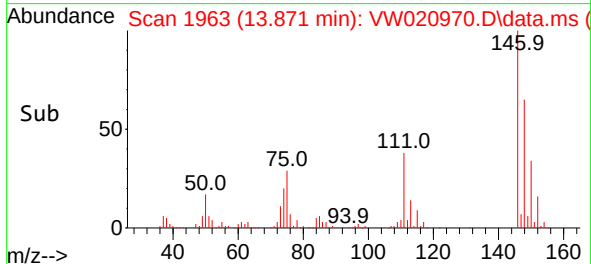
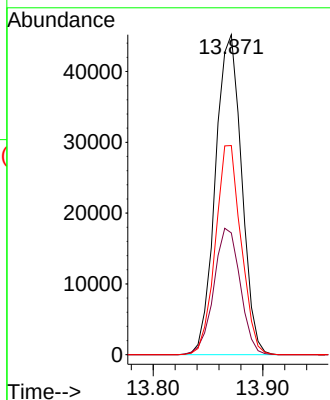
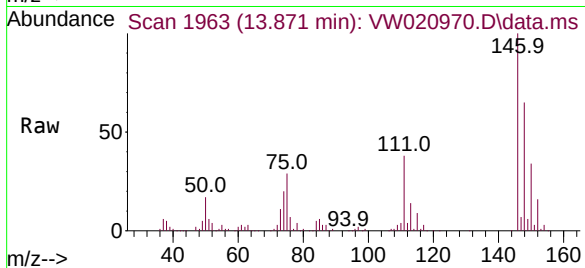
Tgt Ion:146 Resp: 75116

Ion Ratio Lower Upper

146 100

111 38.1 33.1 49.7

148 65.3 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 23.179 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

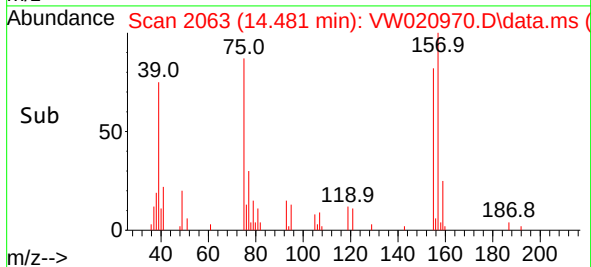
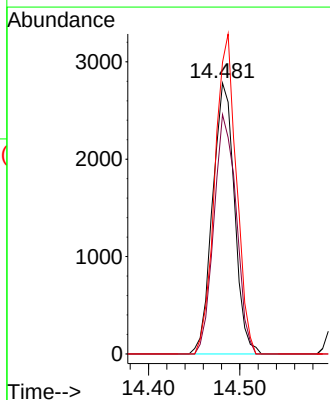
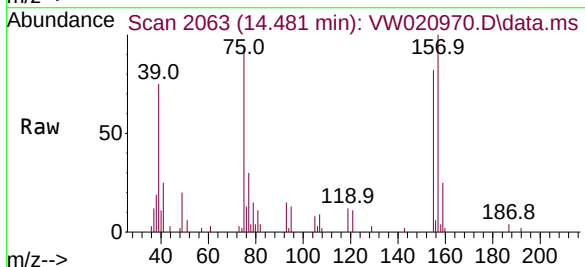
Tgt Ion: 75 Resp: 4624

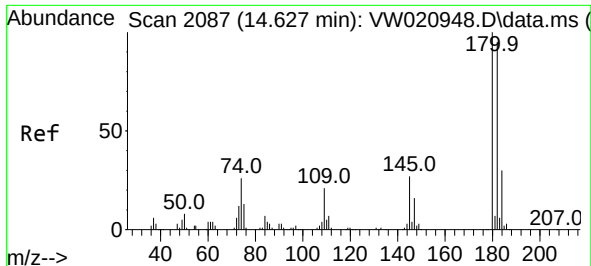
Ion Ratio Lower Upper

75 100

155 88.4 54.2 81.2#

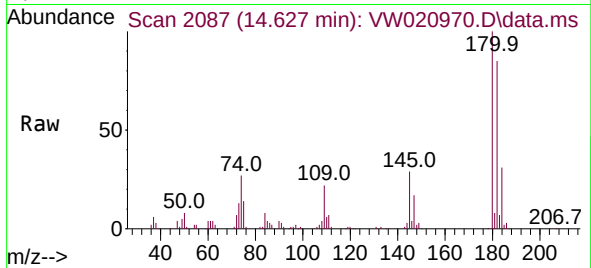
157 107.7 69.4 104.2#



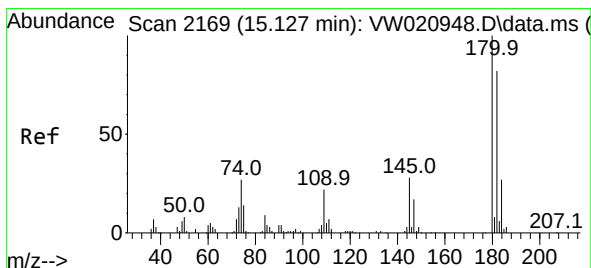
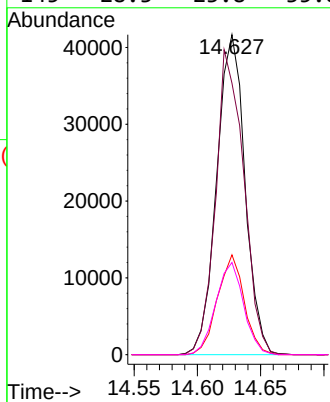
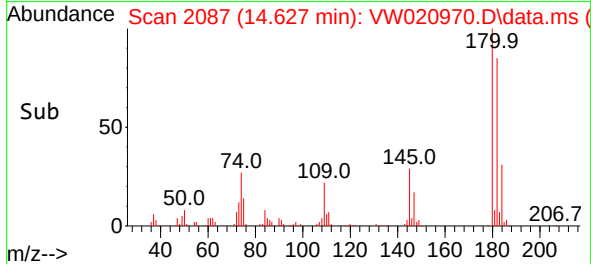


#69
 1,3,5-Trichlorobenzene
 Concen: 22.545 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW020970.D
 Acq: 26 Nov 2021 20:16

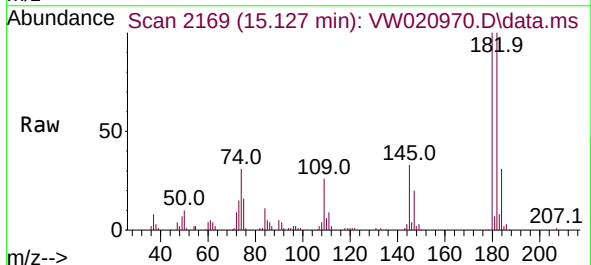
Instrument :
 MSVOA_W
 ClientSampleId :



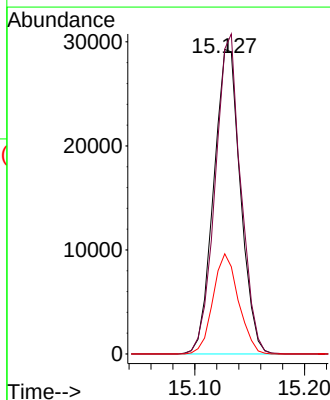
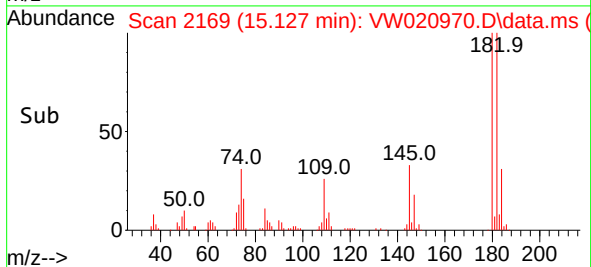
Tgt Ion:180 Resp: 64867
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.4 113.0
 184 29.5 23.8 35.8
 145 28.3 23.8 35.8

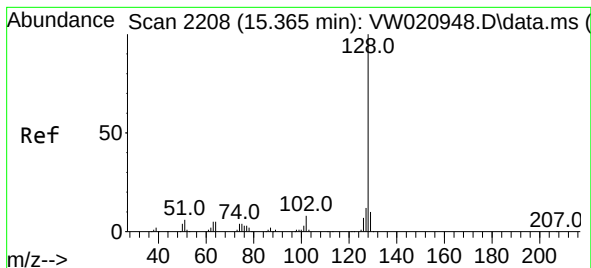


#70
 1,2,4-trichlorobenzene
 Concen: 21.140 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW020970.D
 Acq: 26 Nov 2021 20:16



Tgt Ion:180 Resp: 49760
 Ion Ratio Lower Upper
 180 100
 182 100.1 79.0 118.6
 145 31.2 26.0 39.0





#71

Naphthalene

Concen: 23.553 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

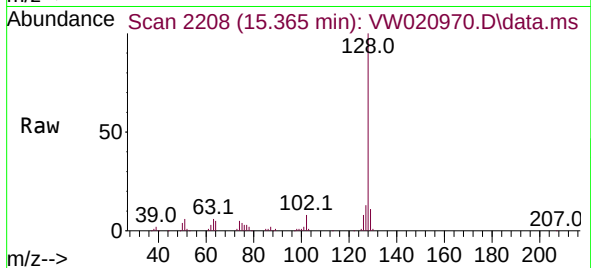
Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

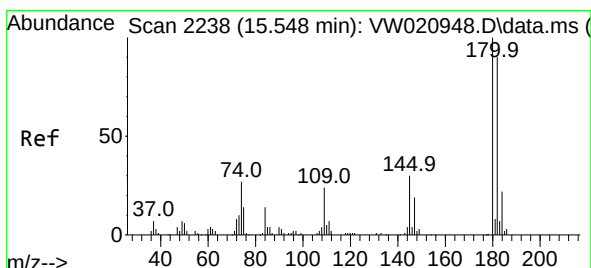
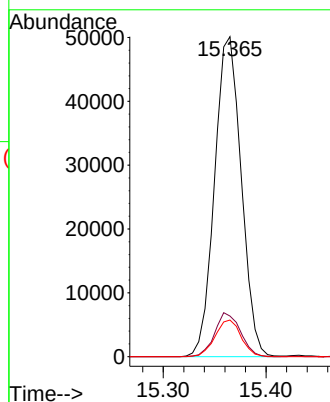
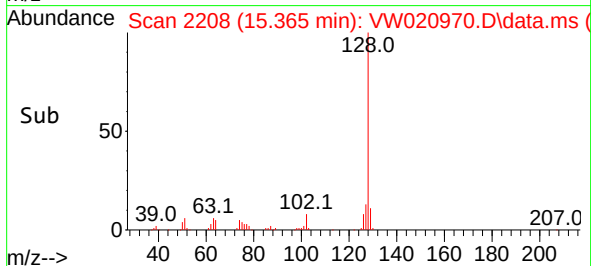
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	128	Resp:	90336
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	11.2	8.6	12.8



#72

1,2,3-Trichlorobenzene

Concen: 20.869 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW020970.D

Acq: 26 Nov 2021 20:16

Tgt Ion:	180	Resp:	41452
Ion Ratio	Lower	Upper	
180	100		
182	101.9	76.6	114.8
145	33.7	27.4	41.0

