

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
 Data File : VW025107.D
 Acq On : 21 Nov 2022 09:52
 Operator : SY/VA
 Sample : VSTD00568
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005468

Quant Time: Nov 22 02:19:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 02:18:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	492237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425355	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	192330	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	29907	4.944	ug/L	0.00
7) Chloroethane-d5	2.892	69	18425	4.660	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.026	63	64101	4.924	ug/L	0.00
21) 2-Butanone-d5	7.086	46	12749	10.059	ug/L	0.00
24) Chloroform-d	7.653	84	64141	5.049	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	32267	5.143	ug/L	0.00
32) Benzene-d6	8.281	84	132685	5.174	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	38578	5.203	ug/L	0.00
41) Toluene-d8	10.323	98	117495	5.046	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	15063	5.034	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	9080	9.640	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25170	5.110	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	33365	5.089	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.002	85	4854	3.235	ug/L	97
3) Chloromethane	2.221	50	26690	4.909	ug/L	93
5) Vinyl chloride	2.367	62	34544	4.689	ug/L	97
6) Bromomethane	2.782	94	16760	4.681	ug/L	95
8) Chloroethane	2.928	64	15319	4.513	ug/L	97
9) Trichlorofluoromethane	3.263	101	25973	4.674	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	32134	4.828	ug/L #	67
12) 1,1-Dichloroethene	4.044	96	30485	4.692	ug/L	97
13) Acetone	4.117	43	5239	3.953	ug/L	79
14) Carbon disulfide	4.385	76	101676	4.667	ug/L	99
15) Methyl Acetate	4.678	43	10490	4.775	ug/L	98
16) Methylene chloride	4.922	84	41339	4.728	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	33063	4.790	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	43586	4.765	ug/L #	87
19) 1,1-Dichloroethane	6.220	63	57015	4.688	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	33513	4.688	ug/L	97
22) 2-Butanone	7.171	43	15333	9.038	ug/L	89
23) Bromochloromethane	7.513	128	13799	4.760	ug/L	92
25) Chloroform	7.683	83	58698	4.823	ug/L	99
27) 1,2-Dichloroethane	8.403	62	35375	4.815	ug/L	97
29) Cyclohexane	7.958	56	54937	4.692	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	49438	4.779	ug/L	98
31) Carbon tetrachloride	8.074	117	44405	4.731	ug/L	100
33) Benzene	8.324	78	134581	4.904	ug/L	100
34) Trichloroethene	9.092	95	35081	4.877	ug/L	94
35) Methylcyclohexane	9.336	83	62489	4.802	ug/L	96
37) 1,2-Dichloropropane	9.366	63	32218	4.880	ug/L	99
38) Bromodichloromethane	9.646	83	41140	4.878	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	45065	4.554	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	26972	9.245	ug/L	97
42) Toluene	10.384	91	141255	4.882	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	36314	4.493	ug/L	96

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

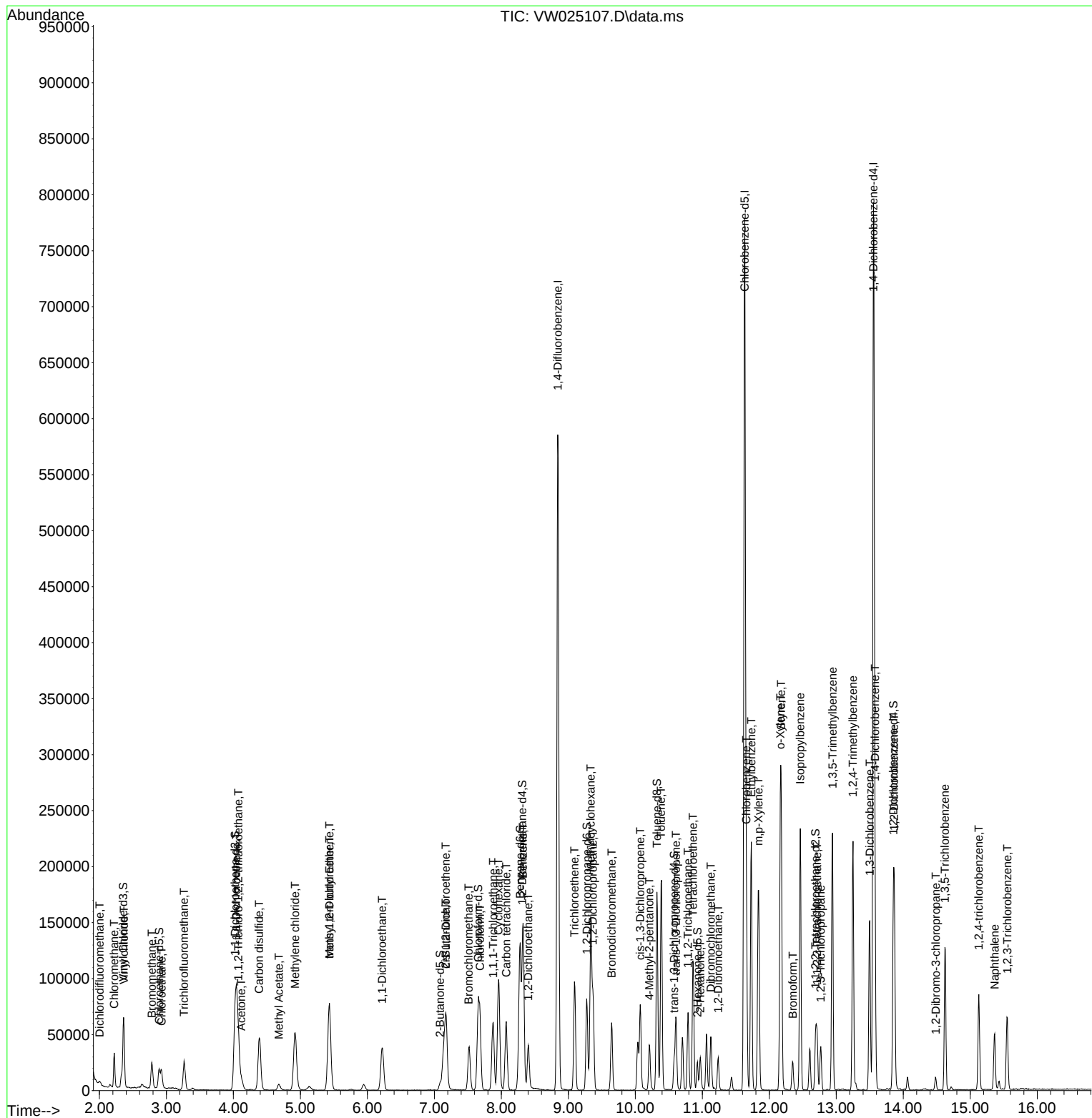
45) 1,1,2-Trichloroethane	10.787	97	21710	4.913	ug/L	99
46) Tetrachloroethene	10.860	164	25749	4.813	ug/L	93
48) 2-Hexanone	10.969	43	18578	8.817	ug/L	98
49) Dibromochloromethane	11.128	129	25665	4.861	ug/L	98
50) 1,2-Dibromoethane	11.238	107	19410	4.731	ug/L	95
51) Chlorobenzene	11.658	112	85738	4.777	ug/L	99
52) Ethylbenzene	11.731	91	156008	4.791	ug/L	95
53) m,p-Xylene	11.841	106	59656	4.775	ug/L	98
54) o-Xylene	12.164	106	54638	4.683	ug/L	91
55) Styrene	12.177	104	91788	4.694	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	23676	4.853	ug/L	99
59) Bromoform	12.353	173	11686	4.741	ug/L	97
60) Isopropylbenzene	12.463	105	151031	4.853	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	17306	5.030	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	125810	4.731	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	122232	4.766	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	62741	4.983	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	60471	4.845	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	53182	4.878	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	3205	4.639	ug/L	90
69) 1,3,5-Trichlorobenzene	14.621	180	38000	4.689	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	24799	4.131	ug/L	99
71) Naphthalene	15.365	128	42753	3.884	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	21280	4.250	ug/L	97

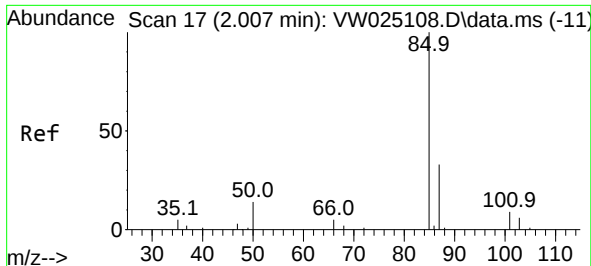
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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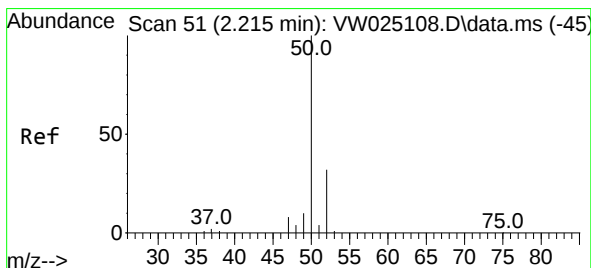
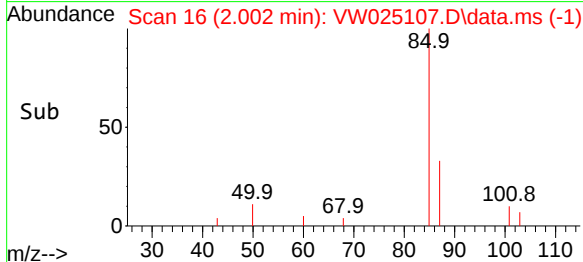
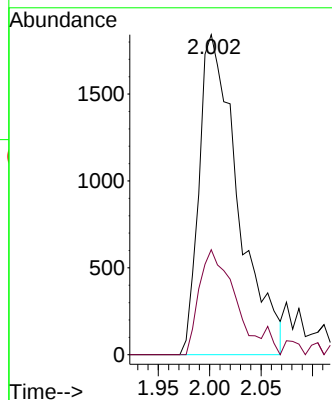
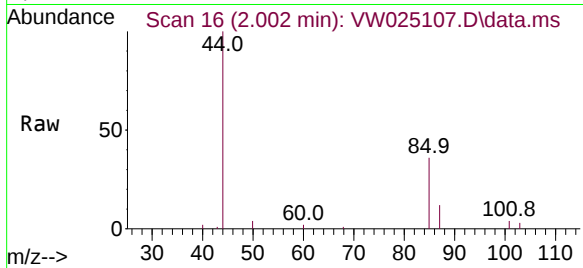




#2
 Dichlorodifluoromethane
 Concen: 3.235 ug/L
 RT: 2.002 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW025107.D
 Acq: 21 Nov 2022 09:52

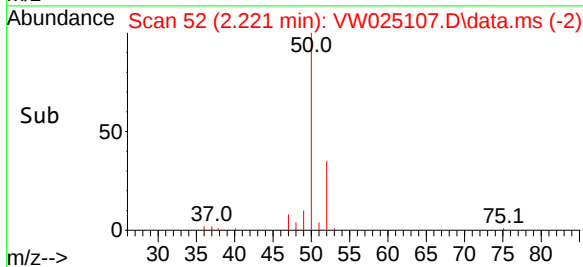
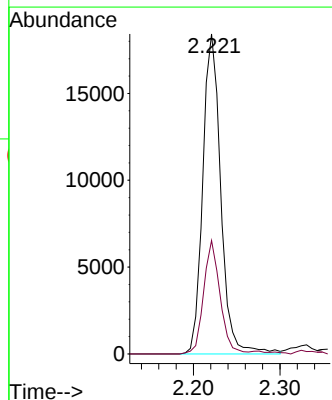
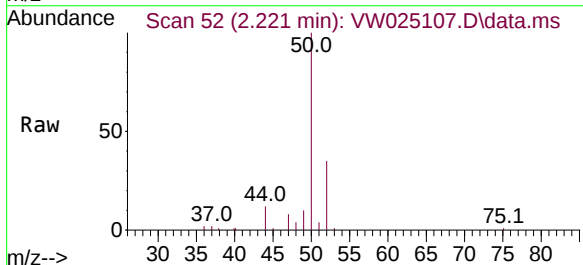
Instrument :
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 ClientSampleId :
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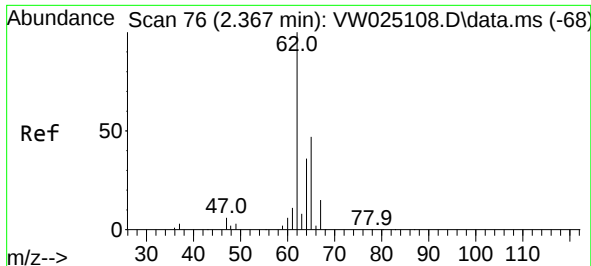
Tgt Ion: 85 Resp: 4854
 Ion Ratio Lower Upper
 85 100
 87 29.6 25.0 37.6



#3
 Chloromethane
 Concen: 4.909 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW025107.D
 Acq: 21 Nov 2022 09:52

Tgt Ion: 50 Resp: 26690
 Ion Ratio Lower Upper
 50 100
 52 35.5 22.1 41.1

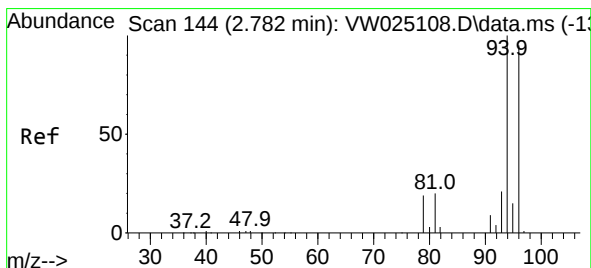
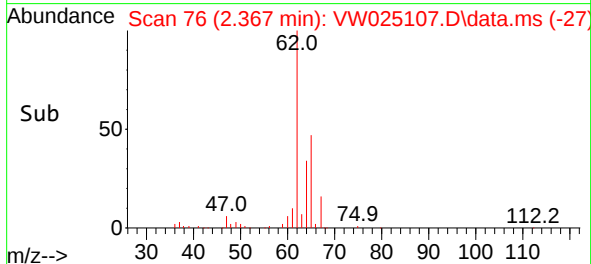
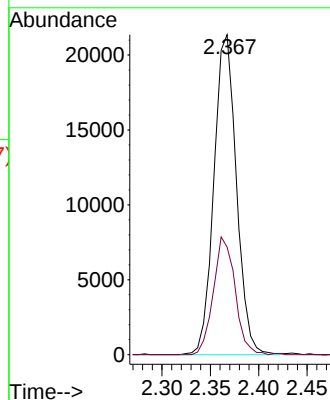
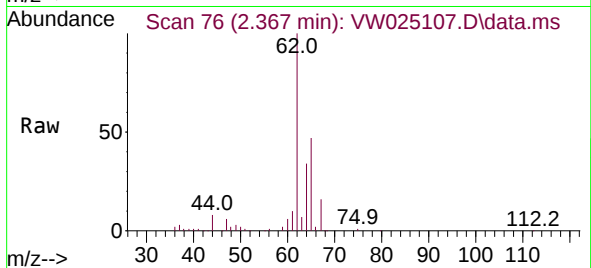




#5
 Vinyl chloride
 Concen: 4.689 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW025107.D
 Acq: 21 Nov 2022 09:52

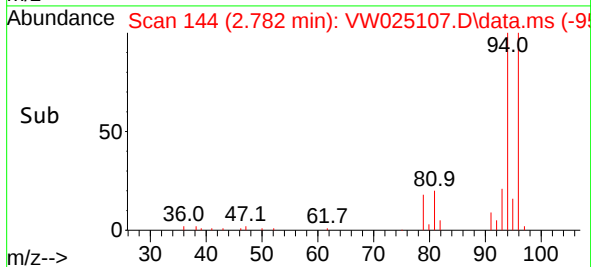
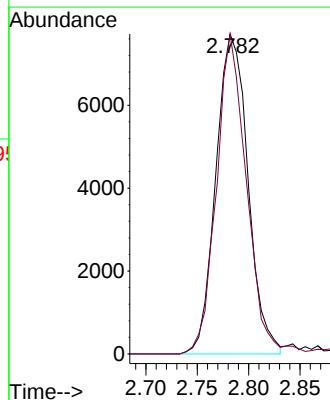
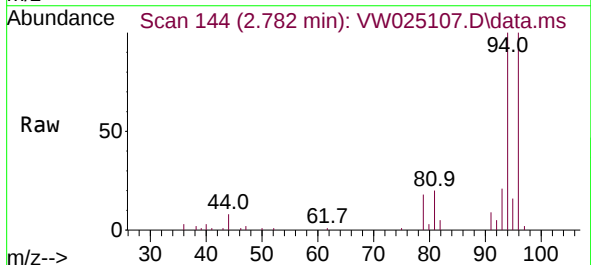
Instrument :
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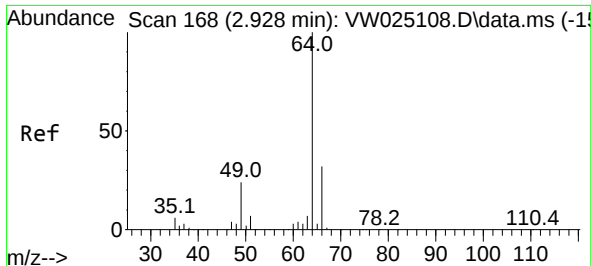
Tgt Ion: 62 Resp: 34544
 Ion Ratio Lower Upper
 62 100
 64 33.7 24.8 46.1



#6
 Bromomethane
 Concen: 4.681 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW025107.D
 Acq: 21 Nov 2022 09:52

Tgt Ion: 94 Resp: 16760
 Ion Ratio Lower Upper
 94 100
 96 99.9 66.7 123.9

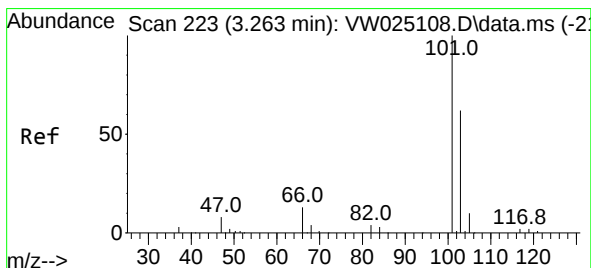
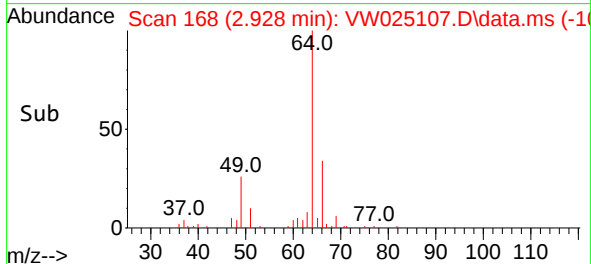
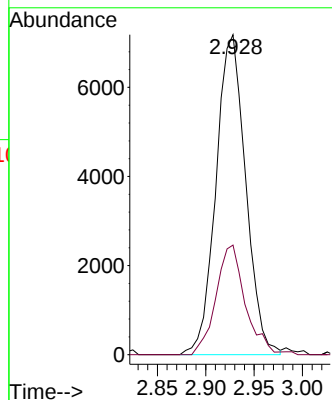
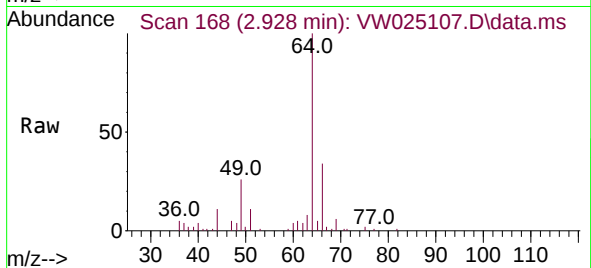




#8
Chloroethane
Concen: 4.513 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

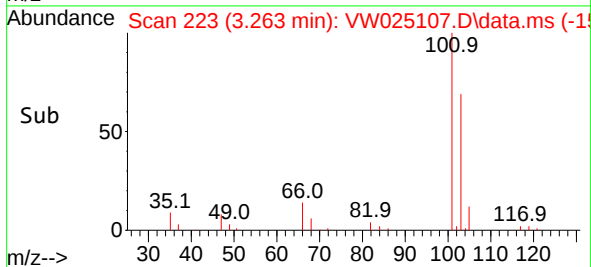
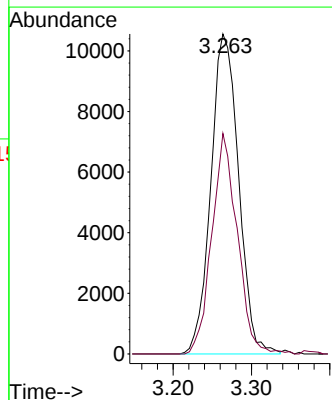
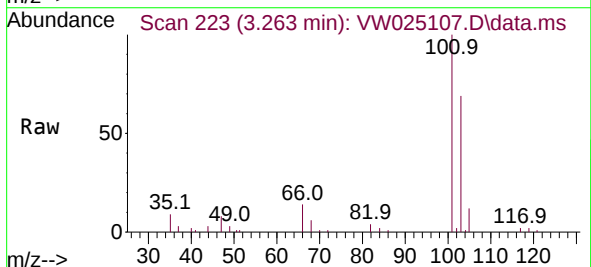
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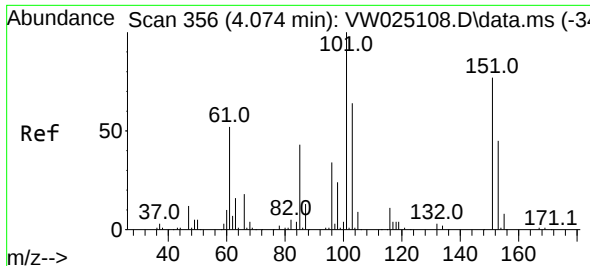
Tgt Ion: 64 Resp: 15319
Ion Ratio Lower Upper
64 100
66 34.2 22.7 42.1



#9
Trichlorofluoromethane
Concen: 4.674 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion: 101 Resp: 25973
Ion Ratio Lower Upper
101 100
103 62.9 50.9 76.3

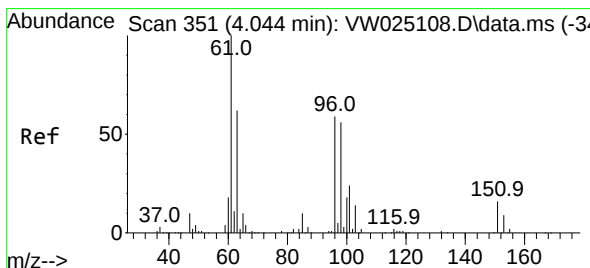
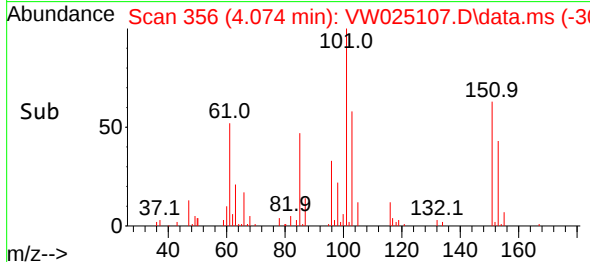
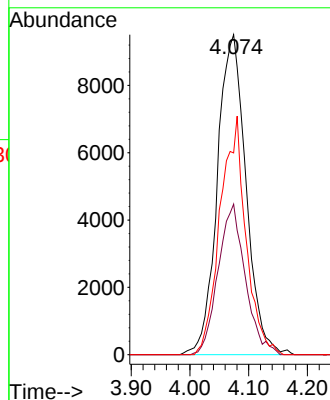
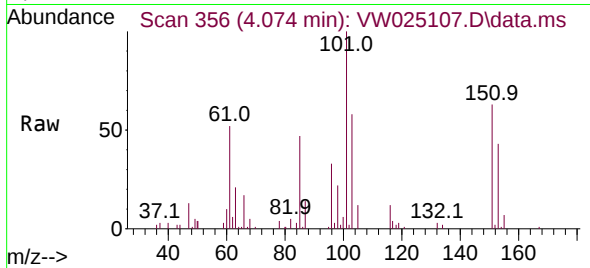




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.828 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW025107.D
 Acq: 21 Nov 2022 09:52

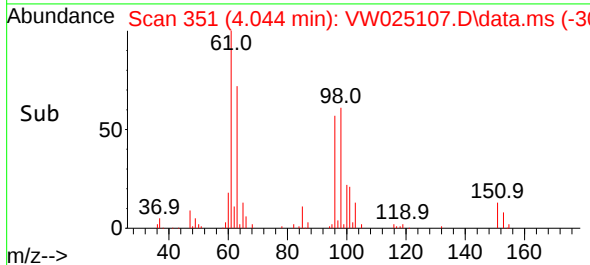
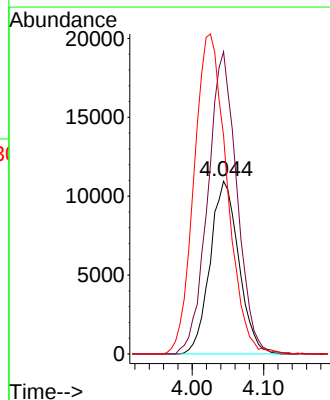
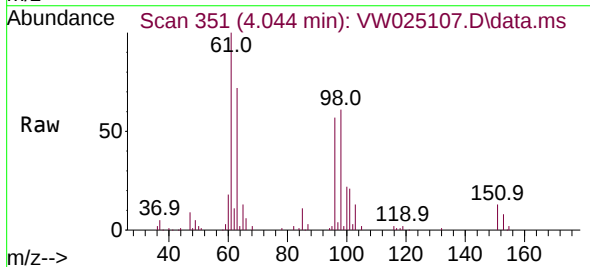
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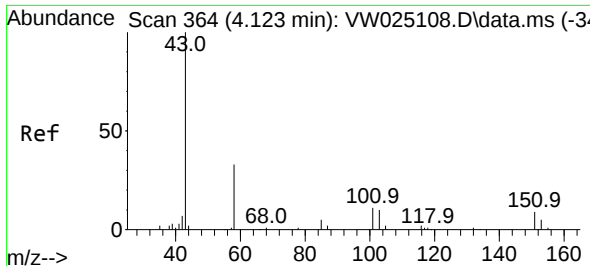
Tgt Ion:101 Resp: 32134
 Ion Ratio Lower Upper
 101 100
 85 44.7 34.6 52.0
 151 28.8 57.7 86.5#



#12
 1,1-Dichloroethene
 Concen: 4.692 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW025107.D
 Acq: 21 Nov 2022 09:52

Tgt Ion: 96 Resp: 30485
 Ion Ratio Lower Upper
 96 100
 61 174.9 120.8 224.4
 63 126.5 84.1 156.1

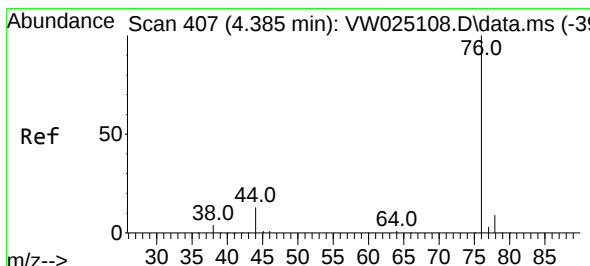
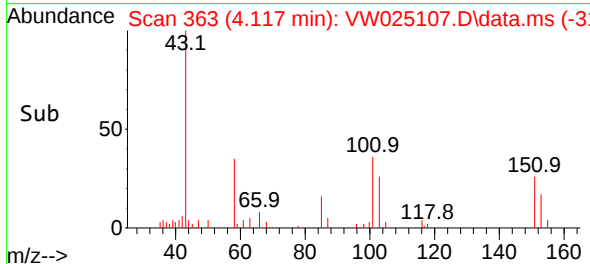
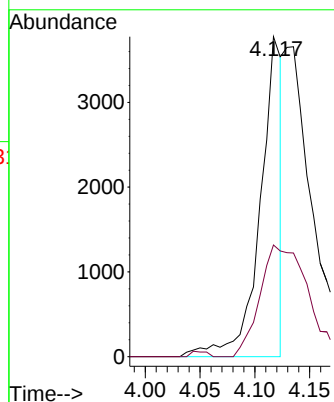
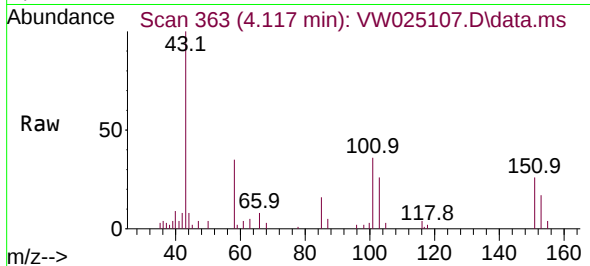




#13
Acetone
Concen: 3.953 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW025107.D
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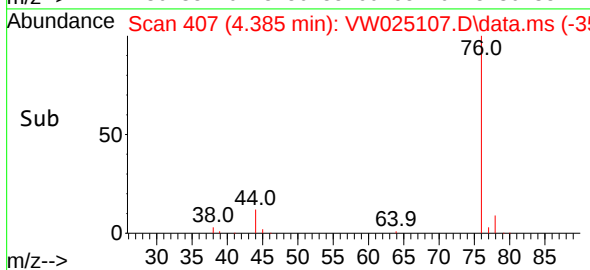
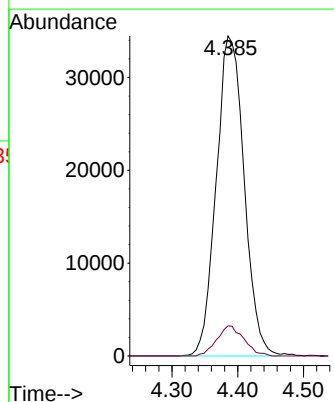
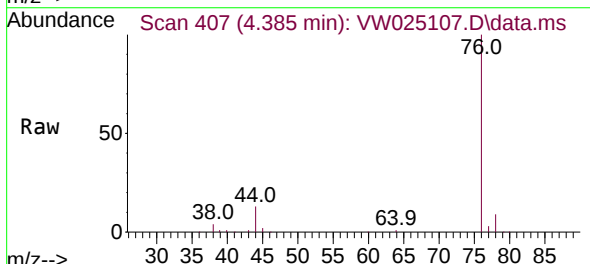
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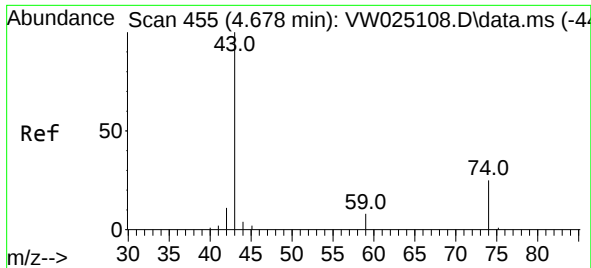
Tgt Ion: 43 Resp: 5239
Ion Ratio Lower Upper
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58 44.5 0.0 65.2



#14
Carbon disulfide
Concen: 4.667 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Acq: 21 Nov 2022 09:52

Tgt Ion: 76 Resp: 101676
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

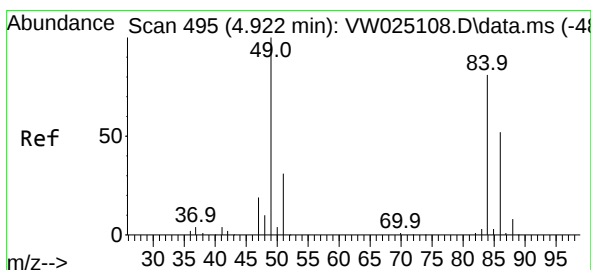
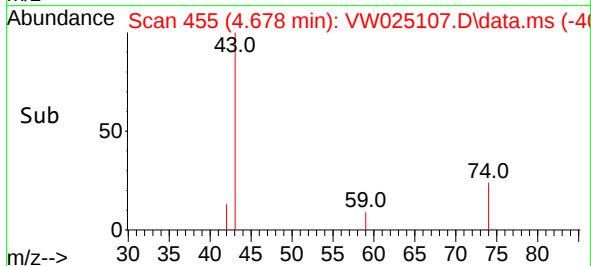
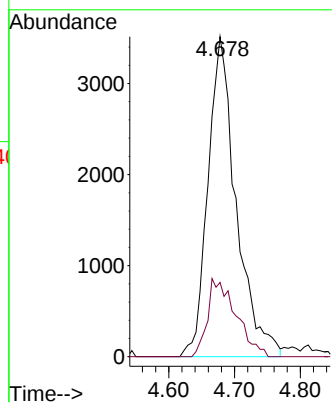
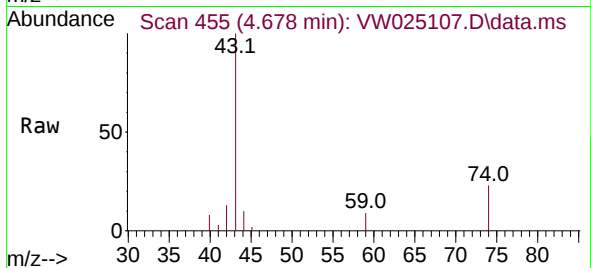




#15
Methyl Acetate
Concen: 4.775 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

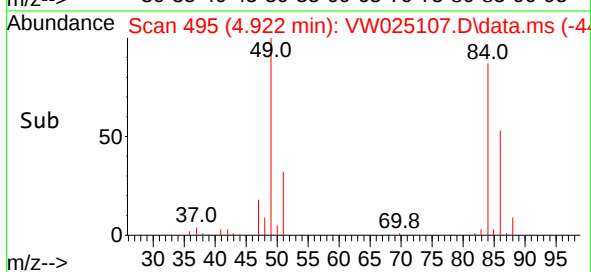
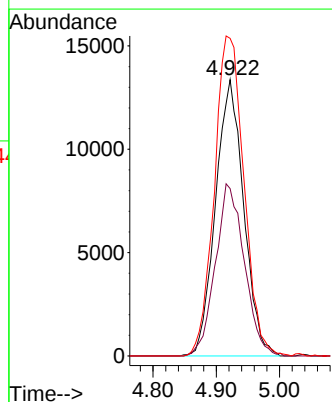
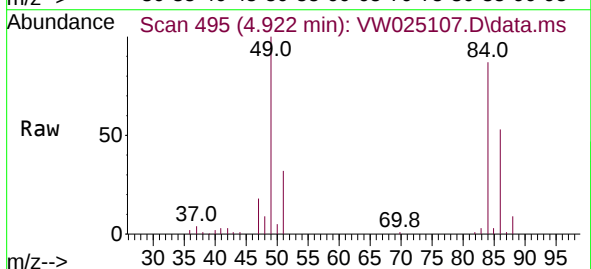
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

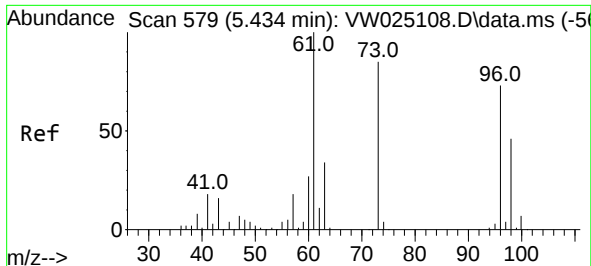
Tgt Ion: 43 Resp: 10490
Ion Ratio Lower Upper
43 100
74 23.5 19.5 29.3



#16
Methylene chloride
Concen: 4.728 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion: 84 Resp: 41339
Ion Ratio Lower Upper
84 100
86 60.6 45.0 83.6
49 114.9 86.3 160.3

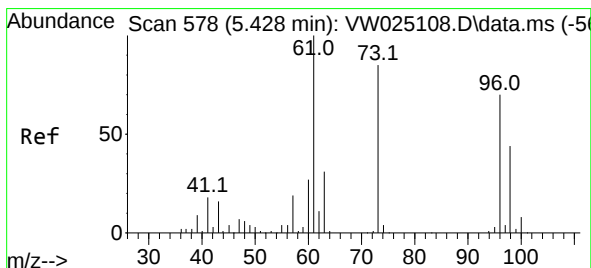
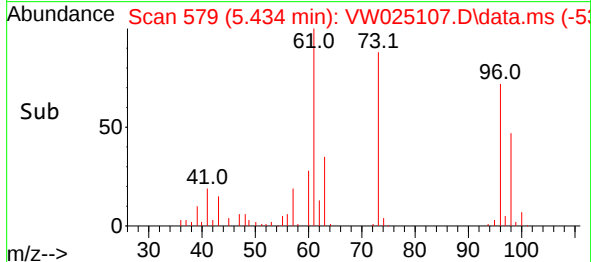
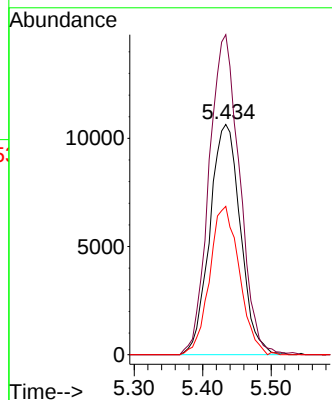
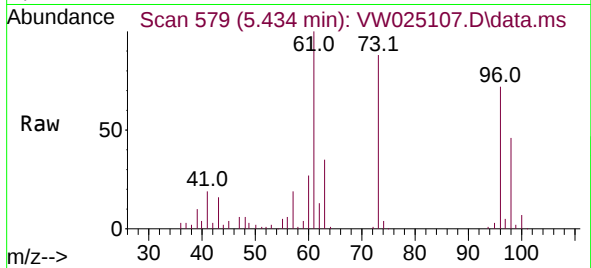




#17
trans-1,2-Dichloroethene
Concen: 4.790 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

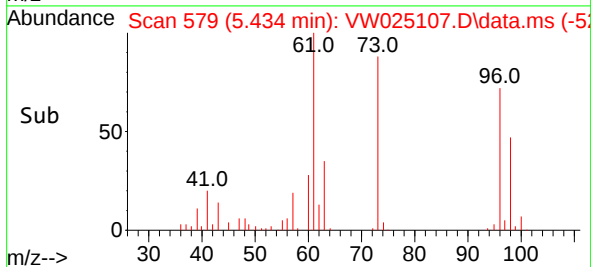
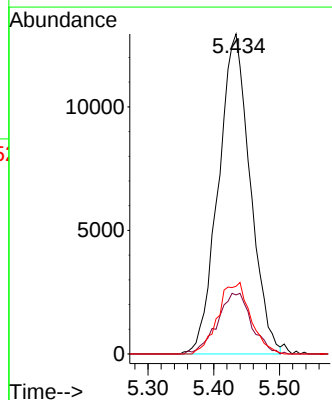
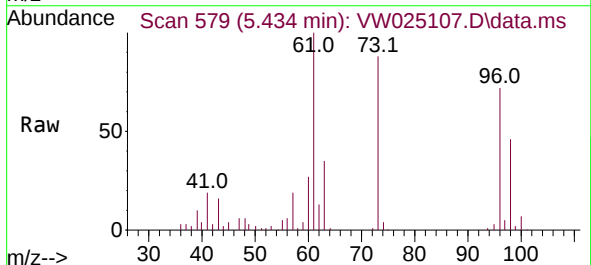
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

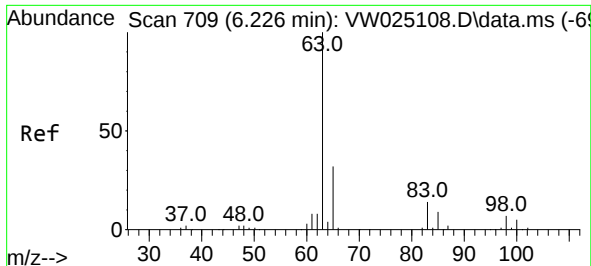
Tgt Ion: 96 Resp: 33063
Ion Ratio Lower Upper
96 100
61 139.0 95.5 177.3
98 64.4 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 4.765 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion: 73 Resp: 43586
Ion Ratio Lower Upper
73 100
43 20.4 15.6 23.4
57 11.1 17.5 26.3#





#19

1,1-Dichloroethane

Concen: 4.688 ug/L

RT: 6.220 min Scan# 709

Delta R.T. -0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005468

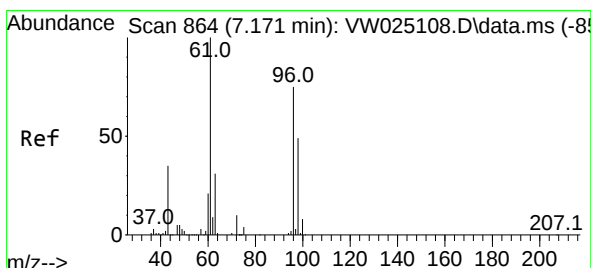
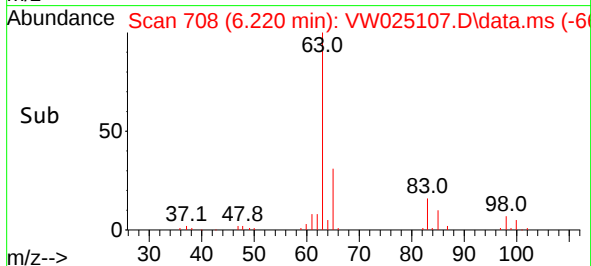
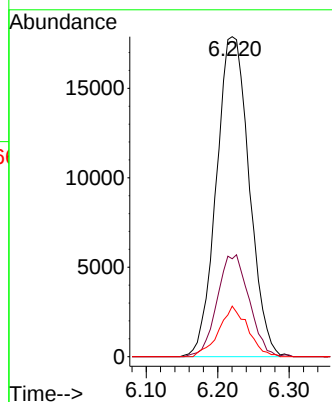
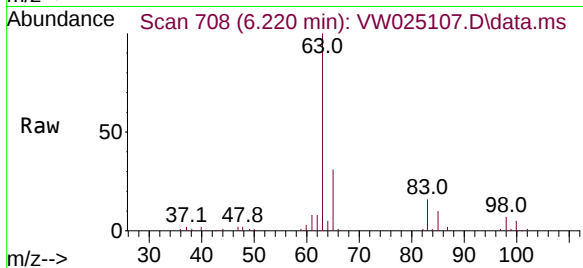
Tgt Ion: 63 Resp: 57015

Ion Ratio Lower Upper

63 100

65 30.6 22.2 41.2

83 15.8 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 4.688 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

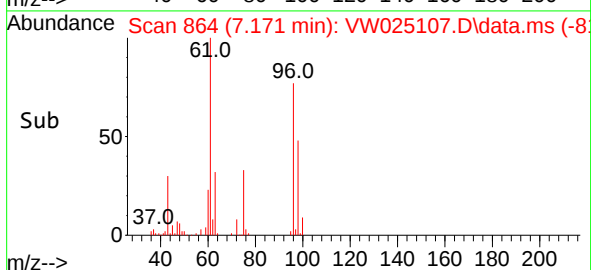
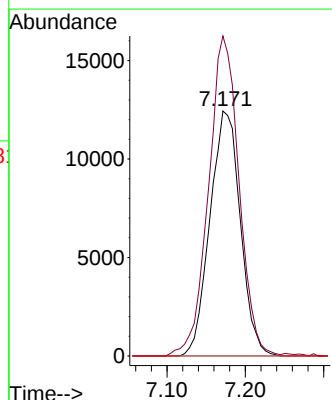
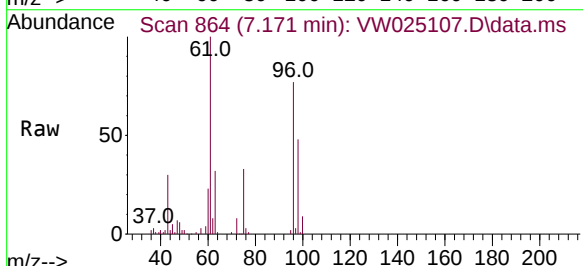
Tgt Ion: 96 Resp: 33513

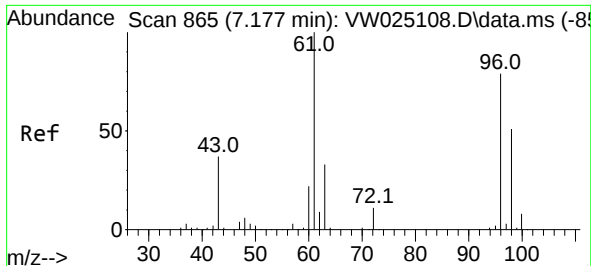
Ion Ratio Lower Upper

96 100

61 130.6 93.7 173.9

68 0.0 0.0 0.0

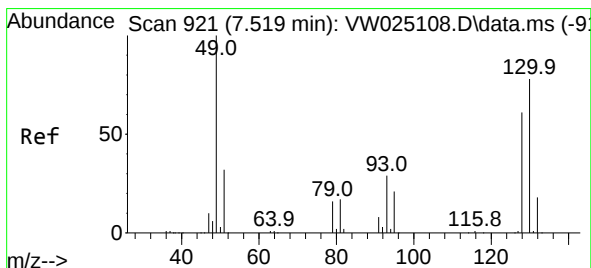
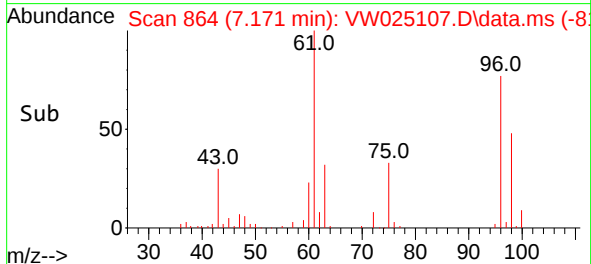
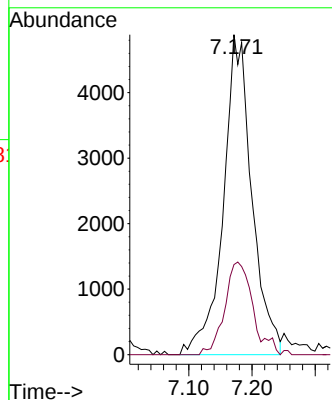
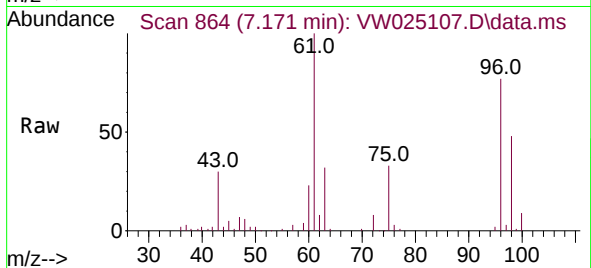




#22
2-Butanone
Concen: 9.038 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

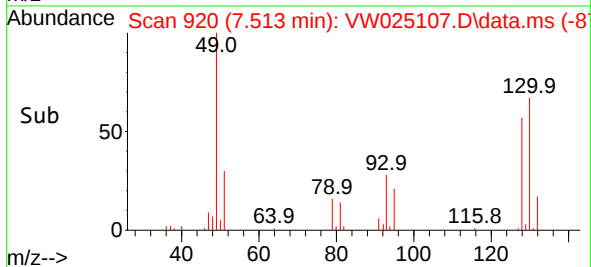
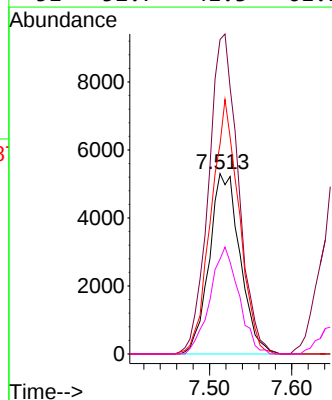
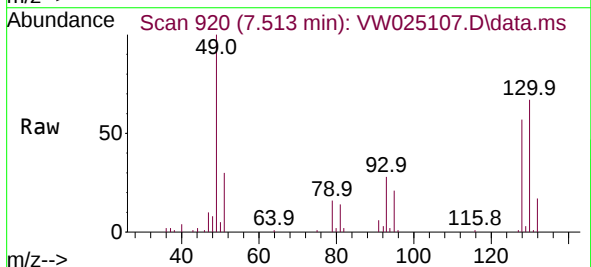
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

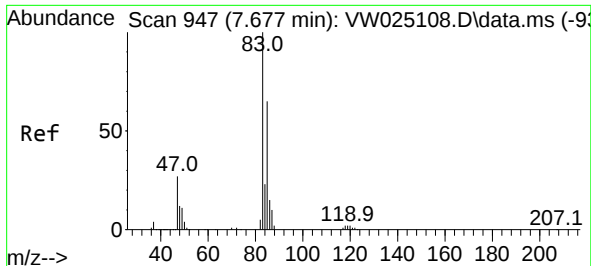
Tgt Ion: 43 Resp: 15333
Ion Ratio Lower Upper
43 100
72 24.3 15.0 45.0



#23
Bromochloromethane
Concen: 4.760 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion: 128 Resp: 13799
Ion Ratio Lower Upper
128 100
49 174.4 114.1 211.9
130 116.3 89.0 165.2
51 52.7 41.3 61.9

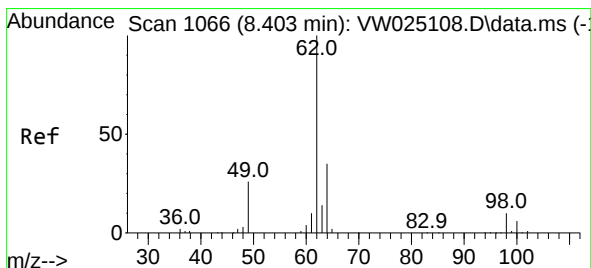
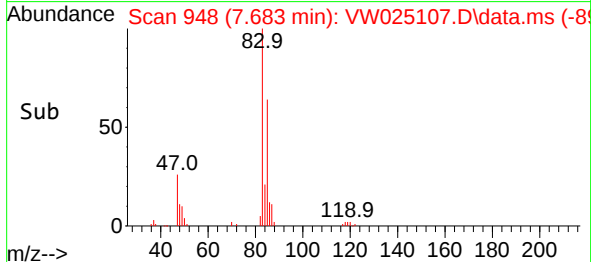
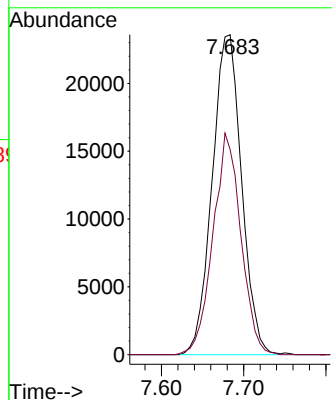
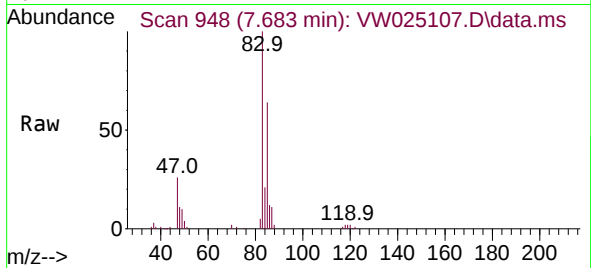




#25
Chloroform
Concen: 4.823 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

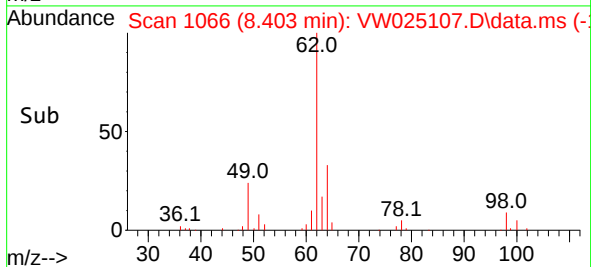
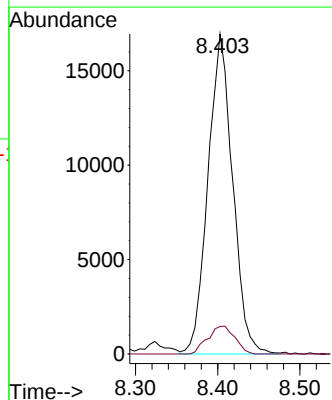
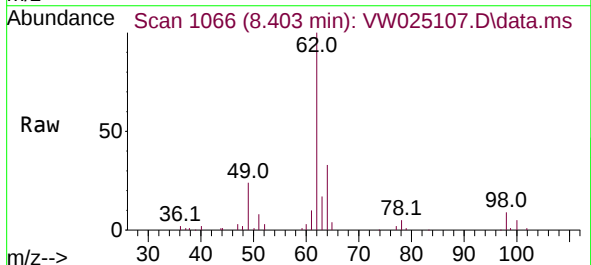
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

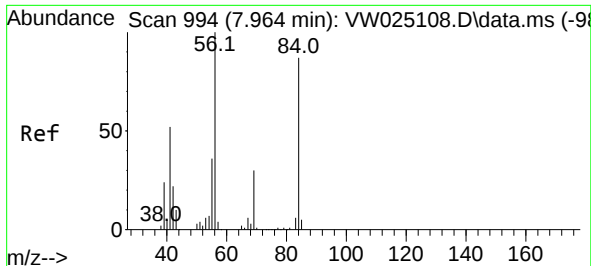
Tgt Ion: 83 Resp: 58698
Ion Ratio Lower Upper
83 100
85 64.1 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.815 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion: 62 Resp: 35375
Ion Ratio Lower Upper
62 100
98 8.6 7.8 11.8





#29

Cyclohexane

Concen: 4.692 ug/L

RT: 7.958 min Scan# 994

Delta R.T. -0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005468

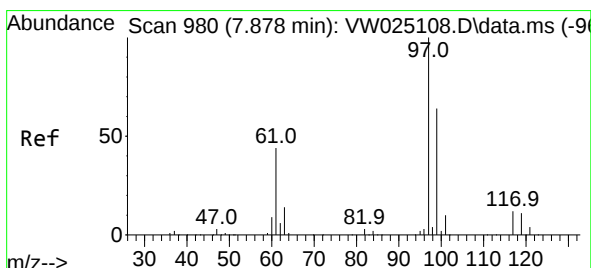
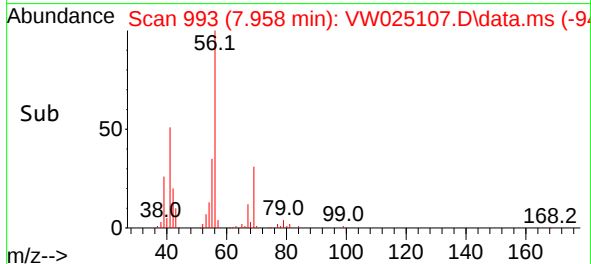
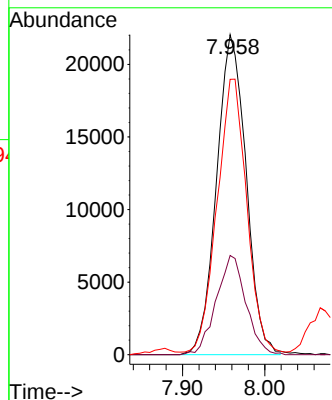
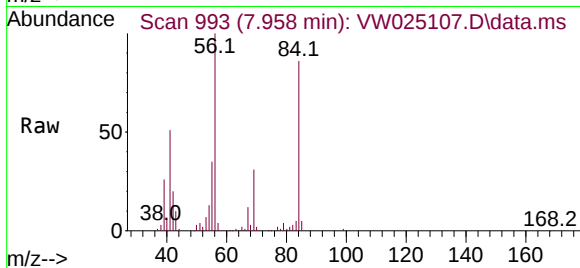
Tgt Ion: 56 Resp: 54937

Ion Ratio Lower Upper

56 100

69 31.1 25.0 37.6

84 87.5 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 4.779 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

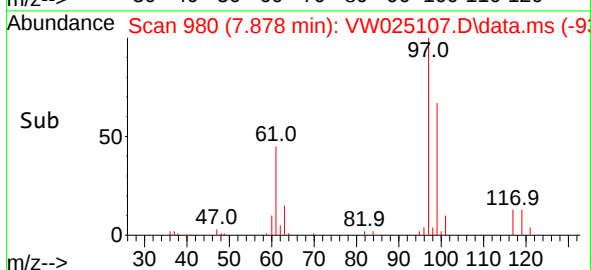
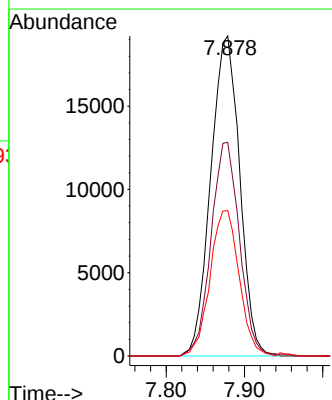
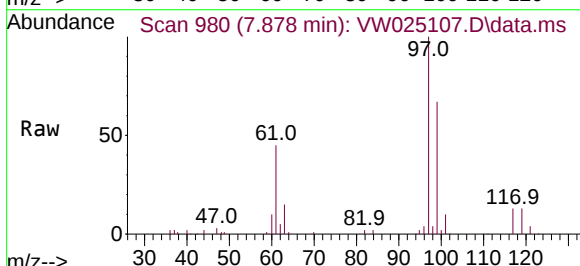
Tgt Ion: 97 Resp: 49438

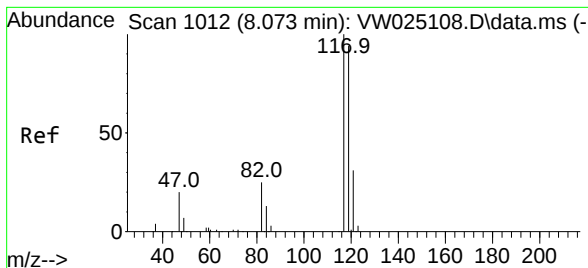
Ion Ratio Lower Upper

97 100

99 65.3 50.9 76.3

61 45.6 35.5 53.3





#31

Carbon tetrachloride

Concen: 4.731 ug/L

RT: 8.074 min Scan# 1012

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

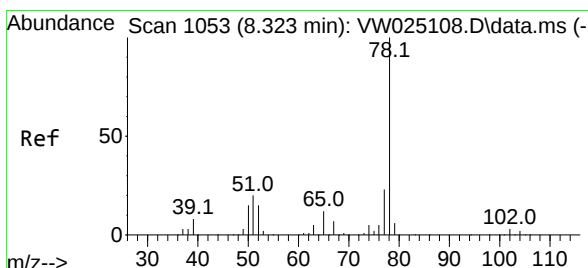
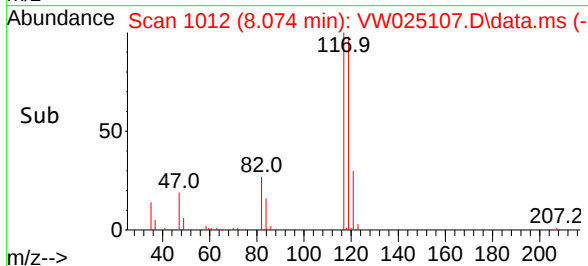
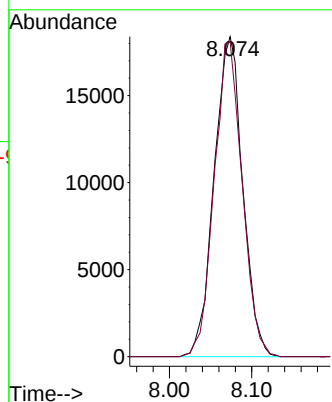
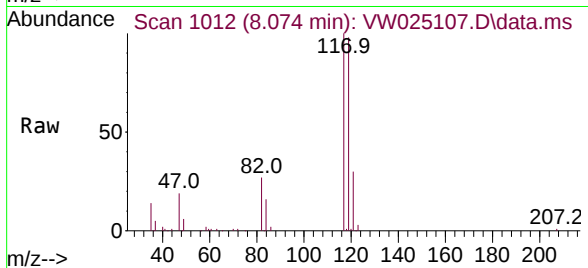
VSTD005468

Tgt Ion:117 Resp: 44405

Ion Ratio Lower Upper

117 100

119 96.3 77.0 115.4



#33

Benzene

Concen: 4.904 ug/L

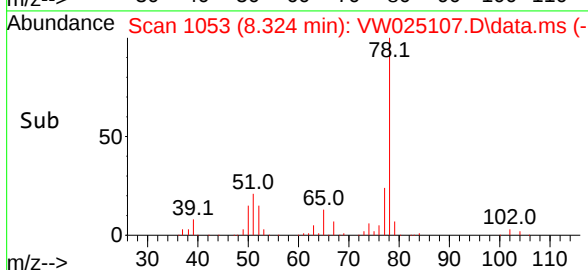
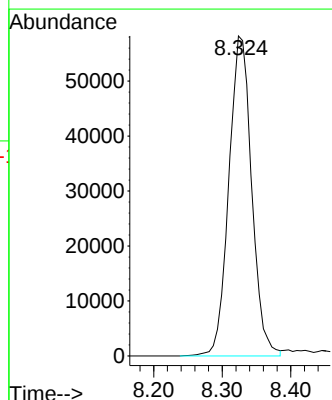
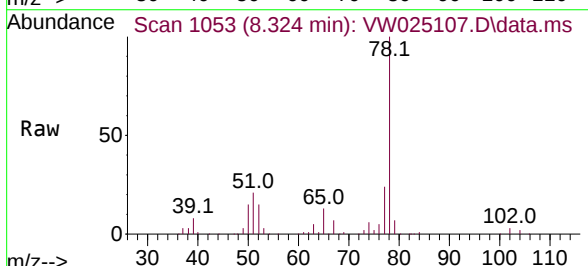
RT: 8.324 min Scan# 1053

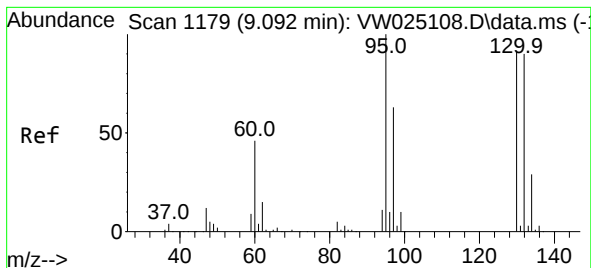
Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Tgt Ion: 78 Resp: 134581





#34

Trichloroethene

Concen: 4.877 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005468

Tgt Ion: 95 Resp: 35081

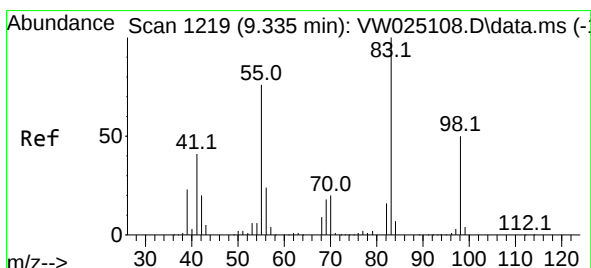
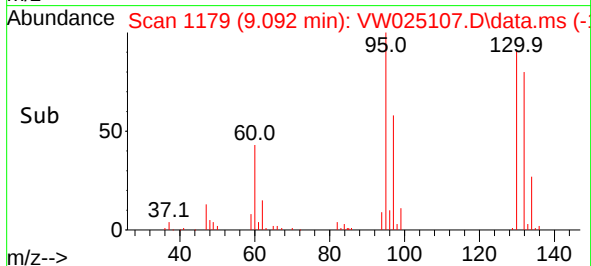
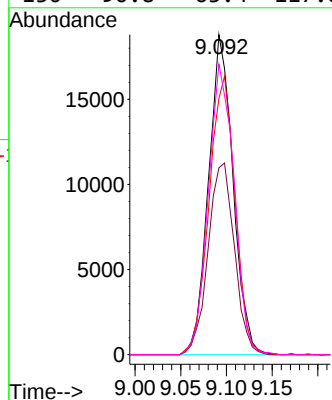
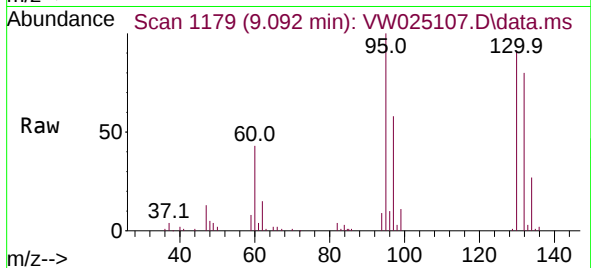
Ion Ratio Lower Upper

95 100

97 58.4 44.3 82.3

132 80.0 63.0 117.0

130 90.8 63.4 117.8



#35

Methylcyclohexane

Concen: 4.802 ug/L

RT: 9.336 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

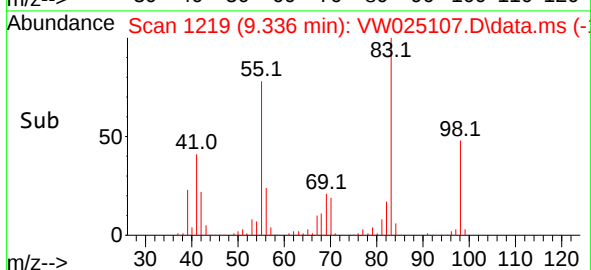
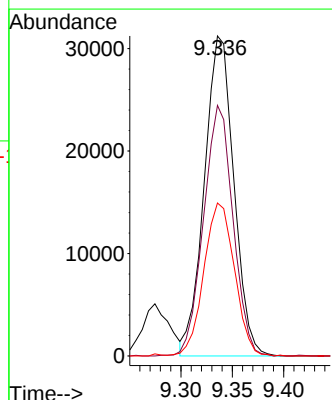
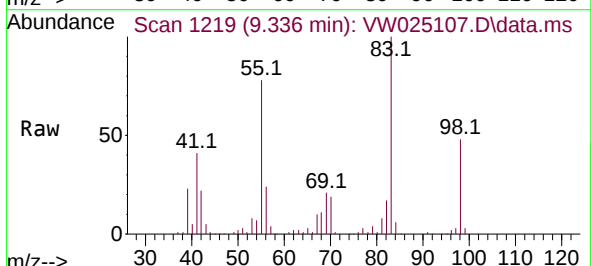
Tgt Ion: 83 Resp: 62489

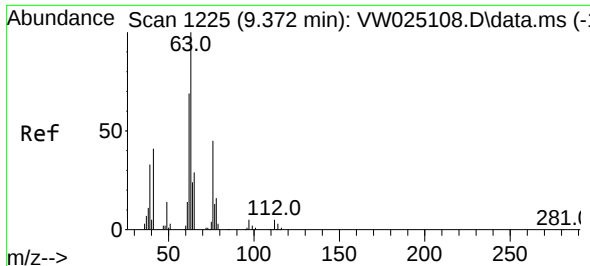
Ion Ratio Lower Upper

83 100

55 78.1 59.3 88.9

98 49.5 38.6 57.8





#37

1,2-Dichloropropane

Concen: 4.880 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

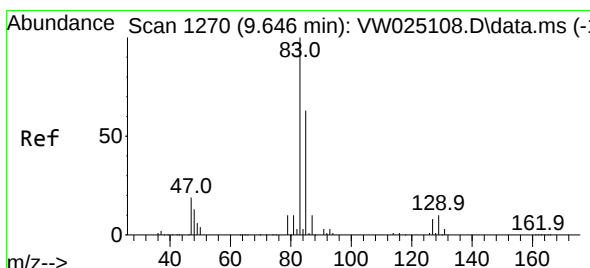
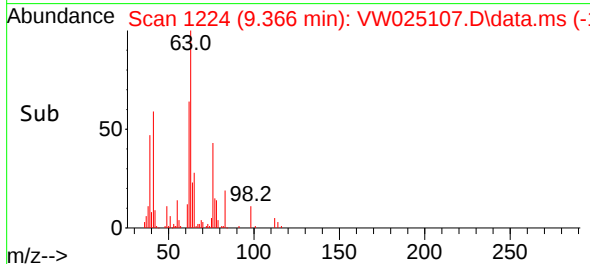
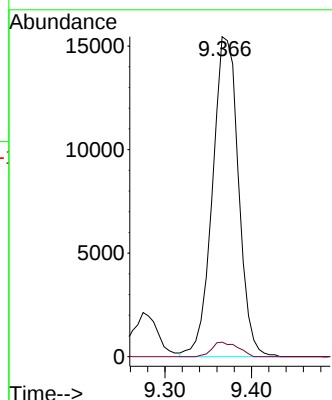
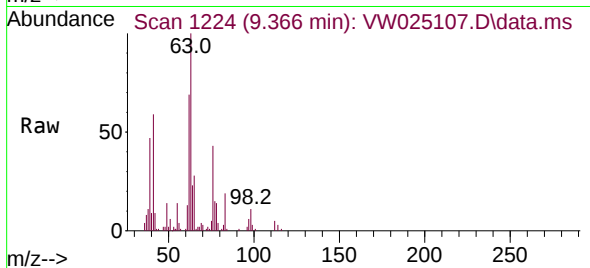
VSTD005468

Tgt Ion: 63 Resp: 32218

Ion Ratio Lower Upper

63 100

112 4.6 3.4 5.2



#38

Bromodichloromethane

Concen: 4.878 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

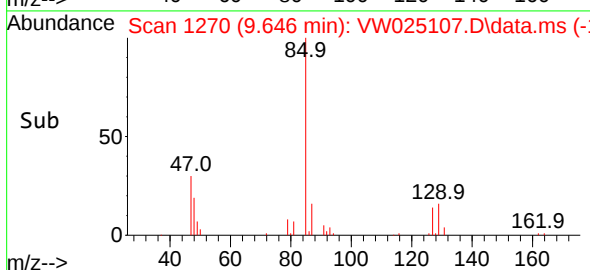
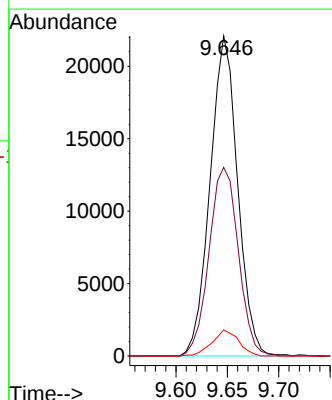
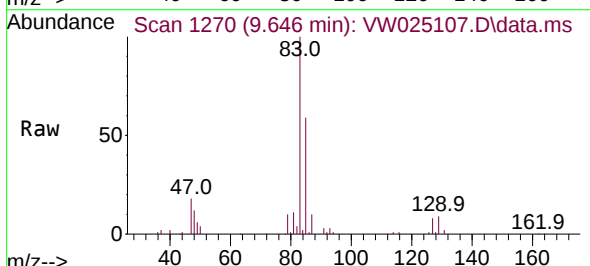
Tgt Ion: 83 Resp: 41140

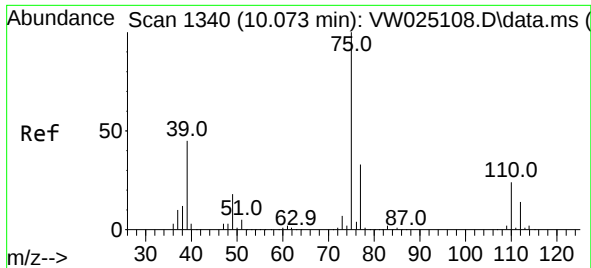
Ion Ratio Lower Upper

83 100

85 59.0 44.2 82.2

127 8.2 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.554 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

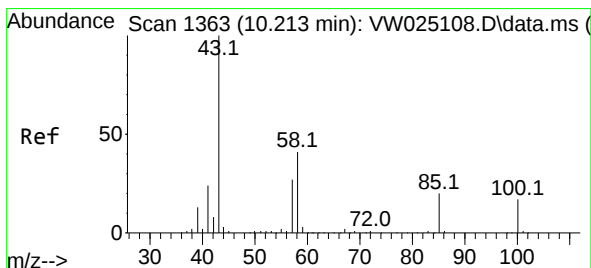
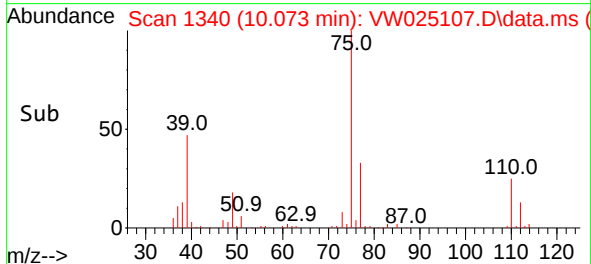
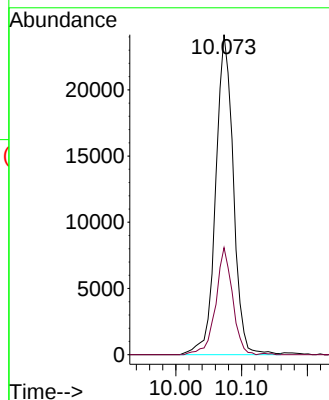
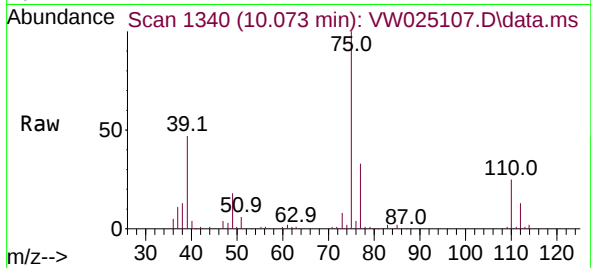
VSTD005468

Tgt Ion: 75 Resp: 45065

Ion Ratio Lower Upper

75 100

77 33.4 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 9.245 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

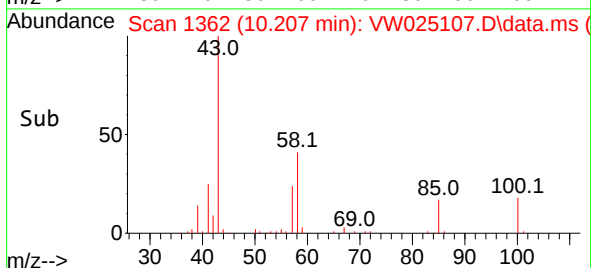
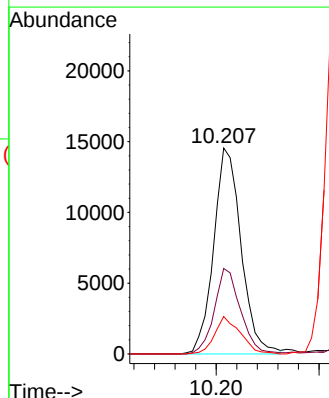
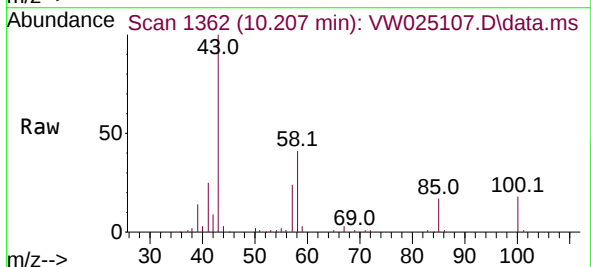
Tgt Ion: 43 Resp: 26972

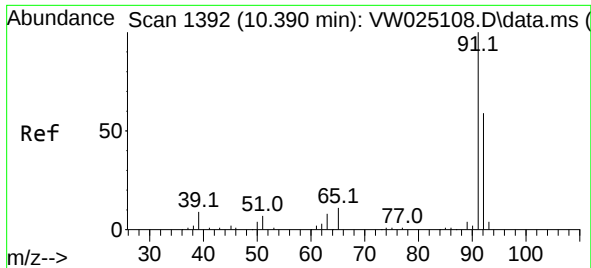
Ion Ratio Lower Upper

43 100

58 39.3 33.3 49.9

100 17.0 13.8 20.6

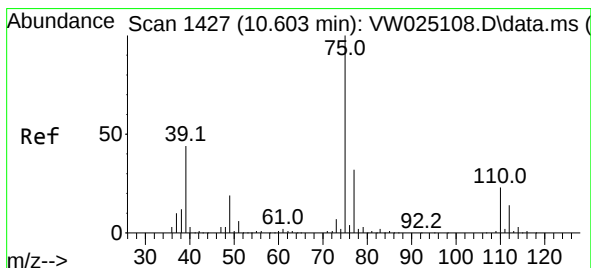
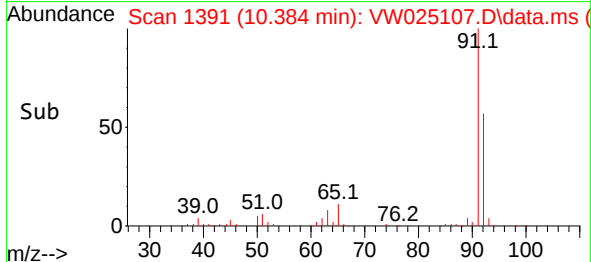
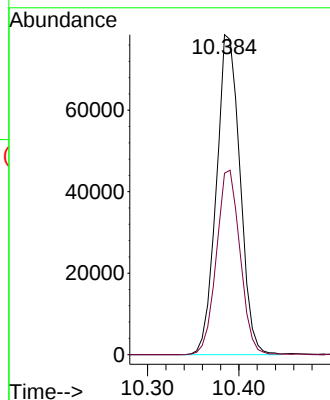
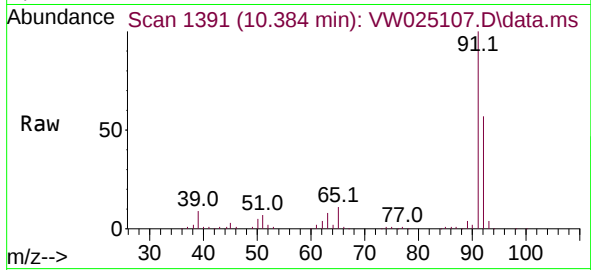




#42
Toluene
Concen: 4.882 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

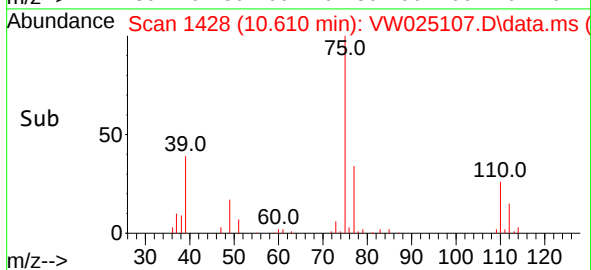
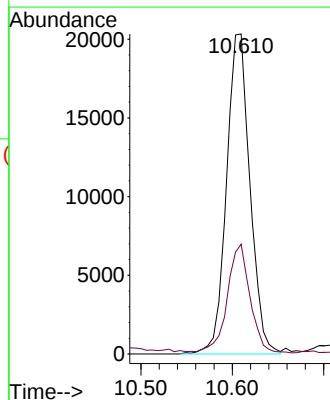
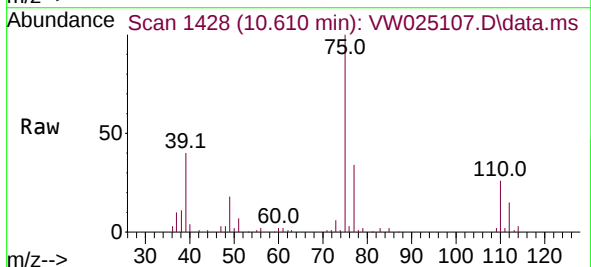
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

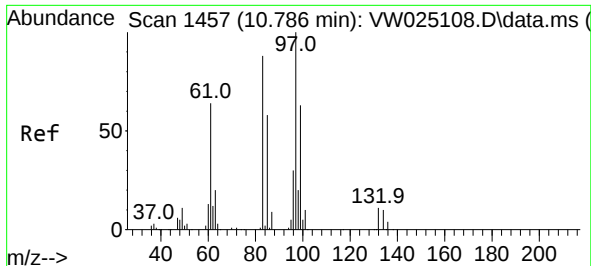
Tgt Ion: 91 Resp: 141255
Ion Ratio Lower Upper
91 100
92 56.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 4.493 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion: 75 Resp: 36314
Ion Ratio Lower Upper
75 100
77 34.3 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 4.913 ug/L

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005468

Tgt Ion: 97 Resp: 21710

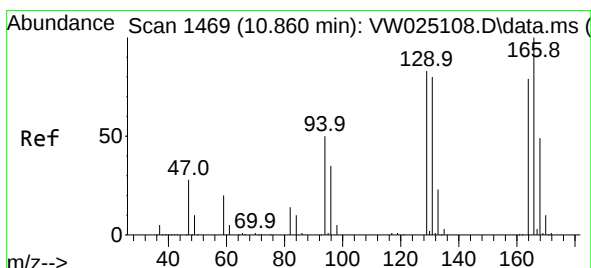
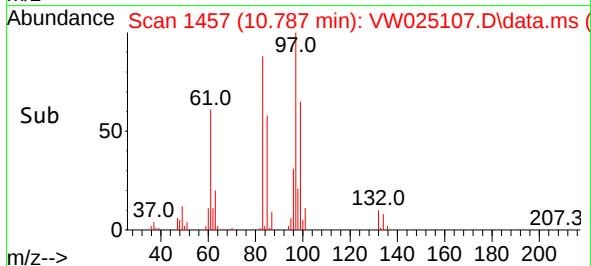
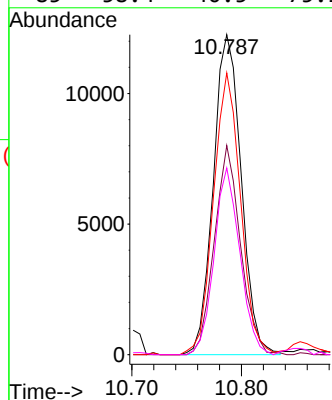
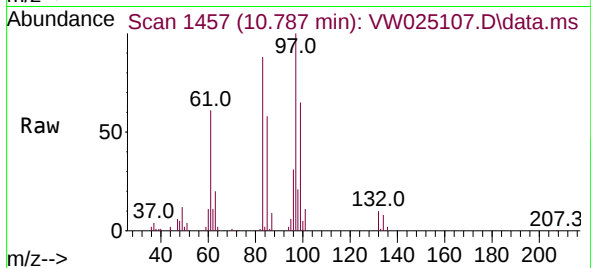
Ion Ratio Lower Upper

97 100

99 65.4 44.3 82.3

83 88.0 61.3 113.9

85 58.4 40.5 75.1



#46

Tetrachloroethene

Concen: 4.813 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Tgt Ion: 164 Resp: 25749

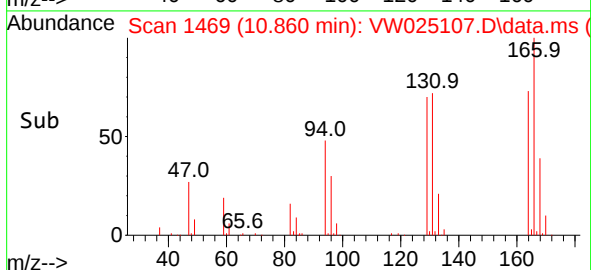
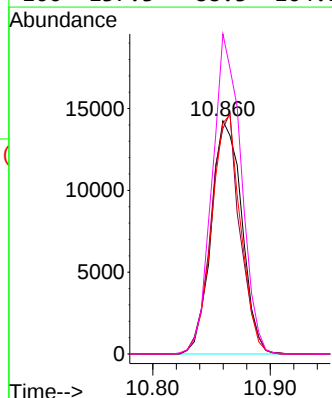
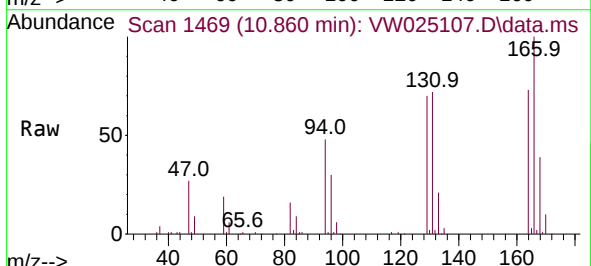
Ion Ratio Lower Upper

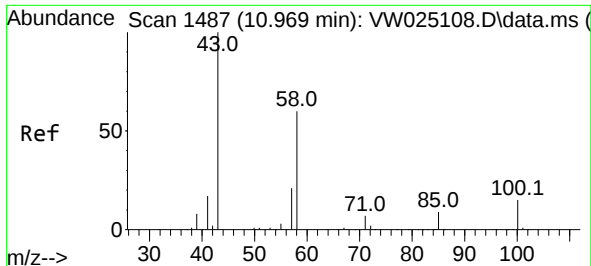
164 100

129 96.7 73.4 136.4

131 99.0 70.8 131.4

166 137.3 88.3 164.1

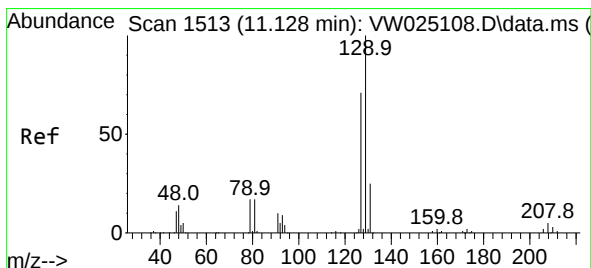
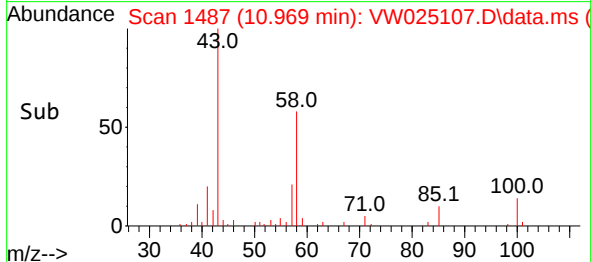
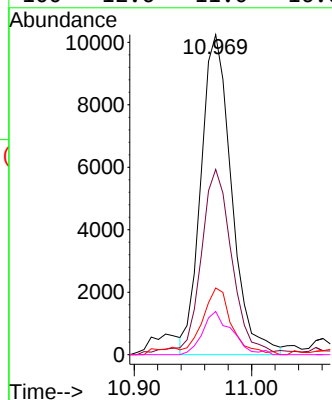
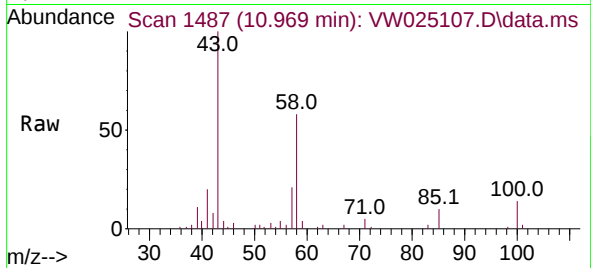




#48
2-Hexanone
Concen: 8.817 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

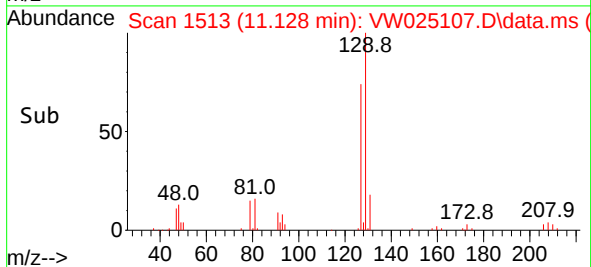
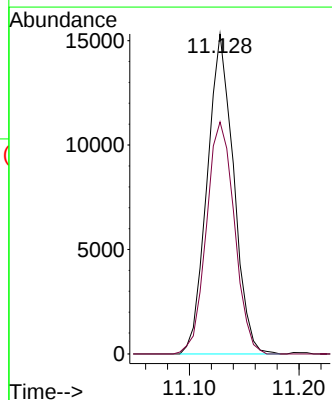
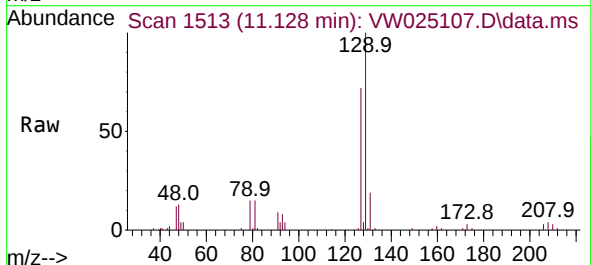
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

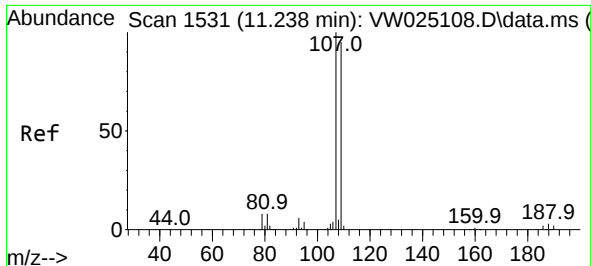
Tgt Ion:	43	Resp:	18578
Ion	Ratio	Lower	Upper
43	100		
58	58.9	46.6	69.8
57	19.7	16.7	25.1
100	12.6	11.0	16.6



#49
Dibromochloromethane
Concen: 4.861 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion:	129	Resp:	25665
Ion	Ratio	Lower	Upper
129	100		
127	72.5	49.7	92.3





#50

1,2-Dibromoethane

Concen: 4.731 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

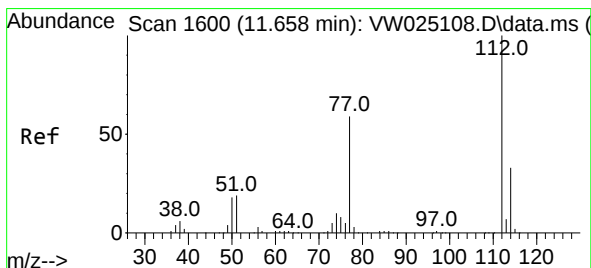
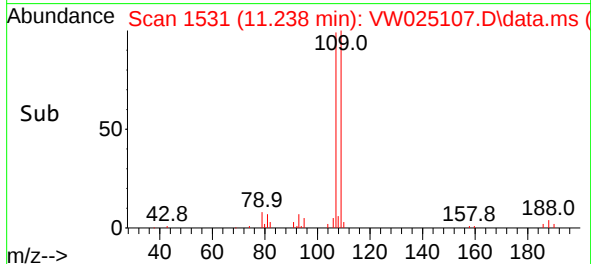
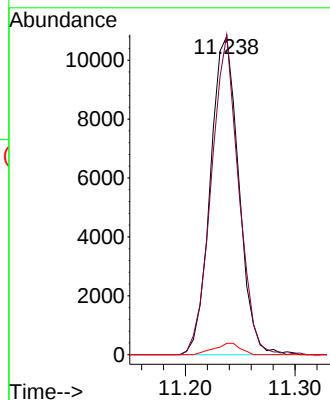
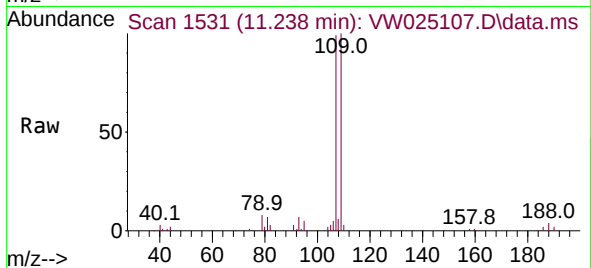
Instrument :

MSVOA_W

ClientSampleId :

VSTD005468

Tgt Ion:	107	Resp:	19410
Ion	Ratio	Lower	Upper
107	100		
109	100.6	66.8	124.2
188	3.6	2.9	4.3



#51

Chlorobenzene

Concen: 4.777 ug/L

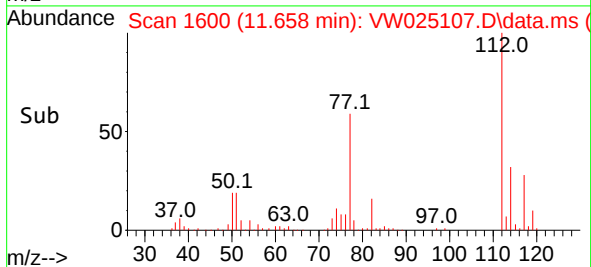
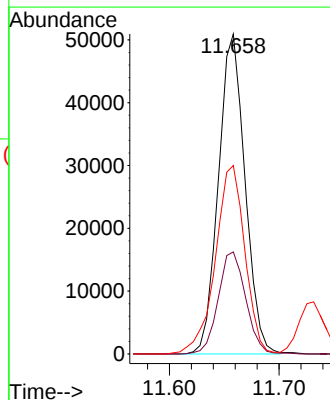
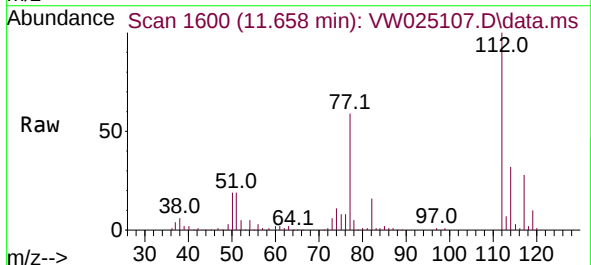
RT: 11.658 min Scan# 1600

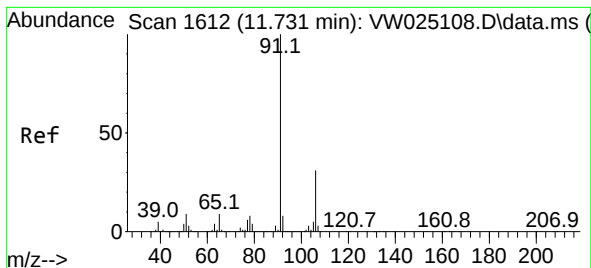
Delta R.T. 0.000 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Tgt Ion:	112	Resp:	85738
Ion	Ratio	Lower	Upper
112	100		
114	31.9	23.2	43.2
77	58.9	47.2	70.8

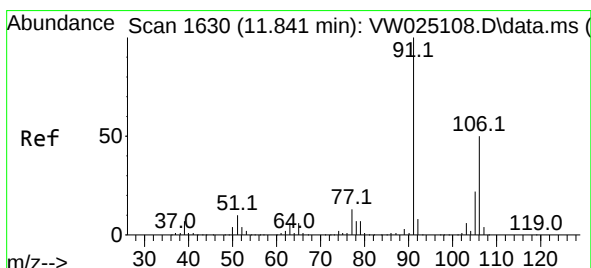
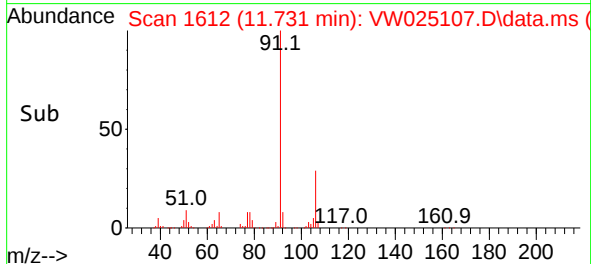
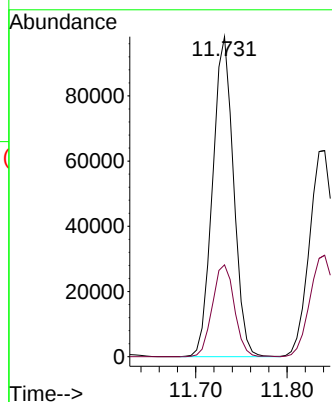
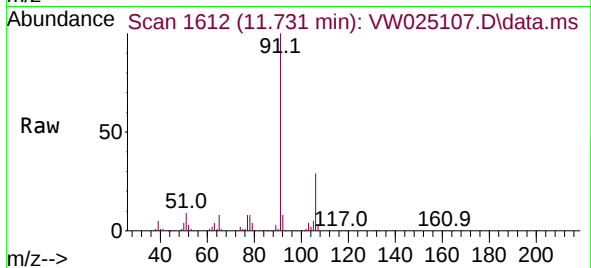




#52
Ethylbenzene
Concen: 4.791 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

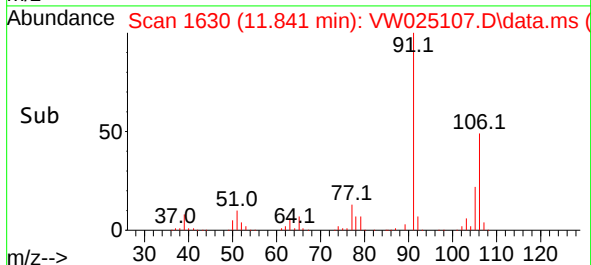
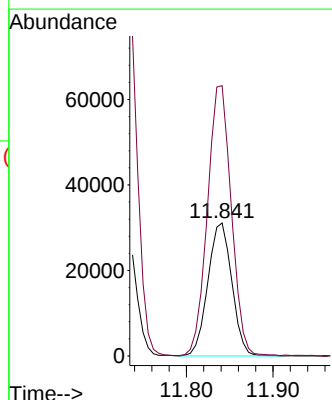
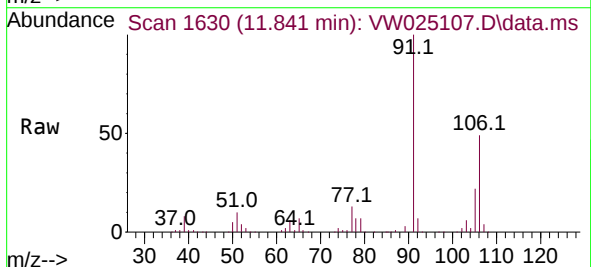
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

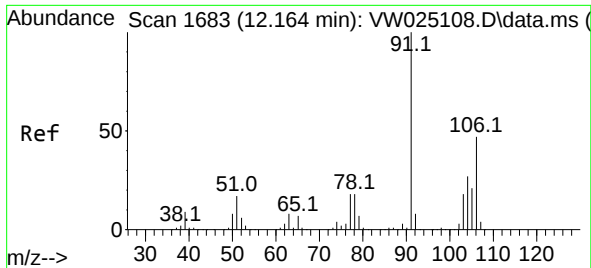
Tgt Ion: 91 Resp: 156008
Ion Ratio Lower Upper
91 100
106 28.7 21.9 40.7



#53
m,p-Xylene
Concen: 4.775 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion: 106 Resp: 59656
Ion Ratio Lower Upper
106 100
91 203.2 139.7 259.4

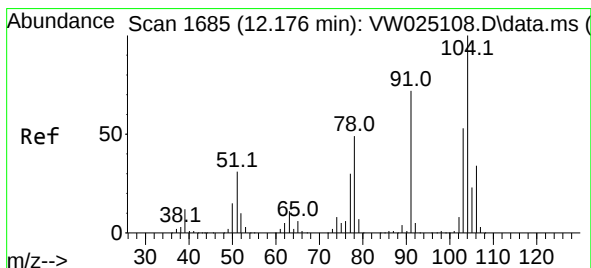
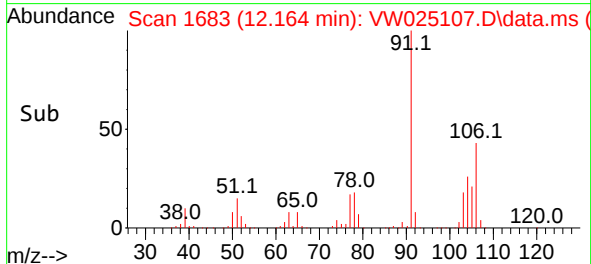
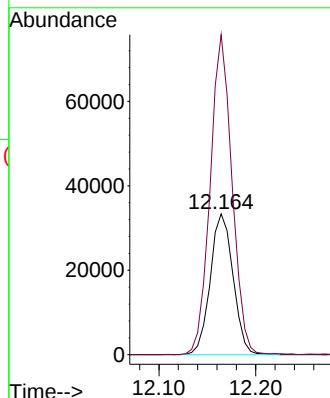
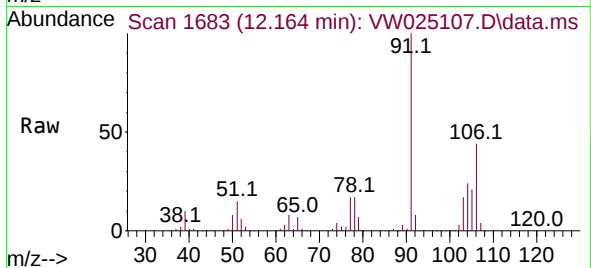




#54
o-Xylene
Concen: 4.683 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

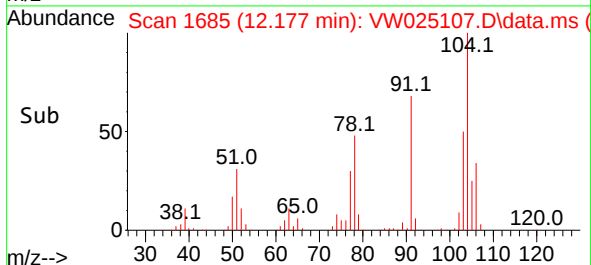
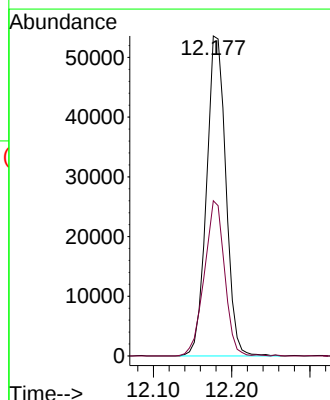
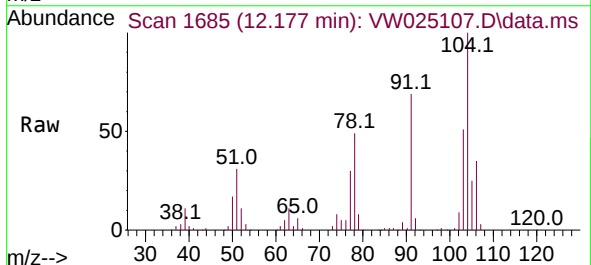
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

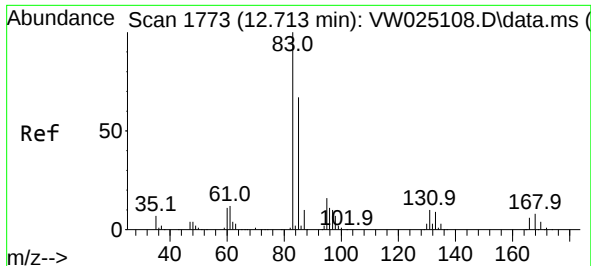
Tgt Ion:106 Resp: 54638
Ion Ratio Lower Upper
106 100
91 227.3 148.8 276.4



#55
Styrene
Concen: 4.694 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion:104 Resp: 91788
Ion Ratio Lower Upper
104 100
78 48.5 34.4 63.8

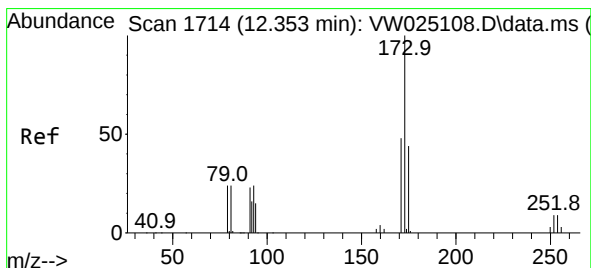
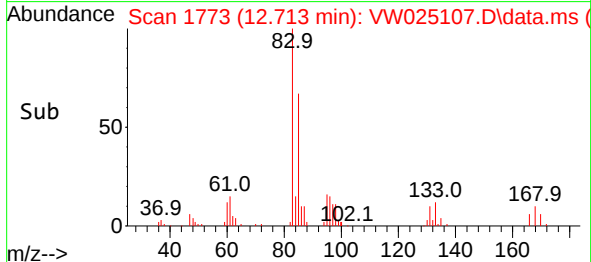
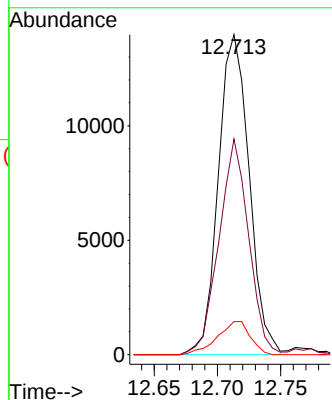
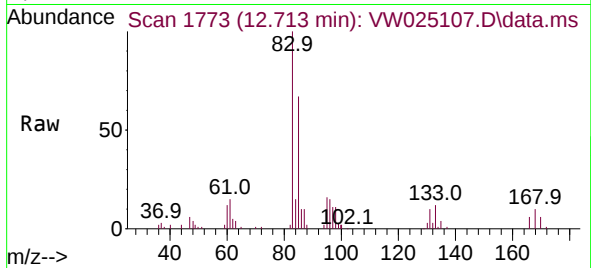




#57
1,1,2,2-Tetrachloroethane
Concen: 4.853 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

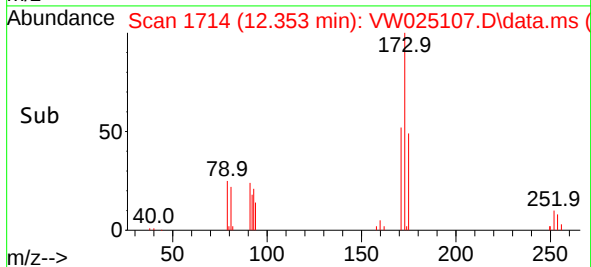
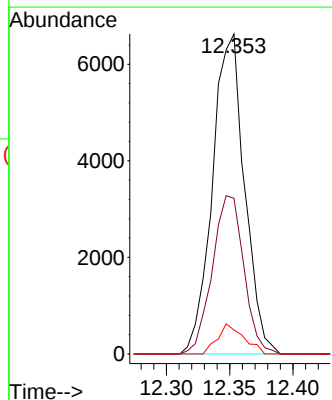
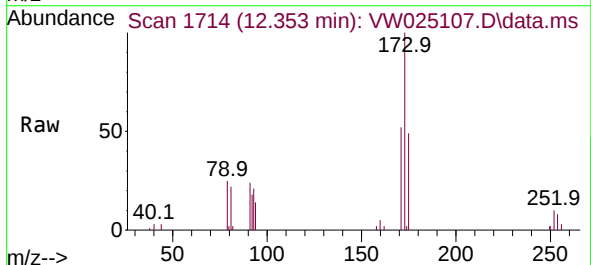
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

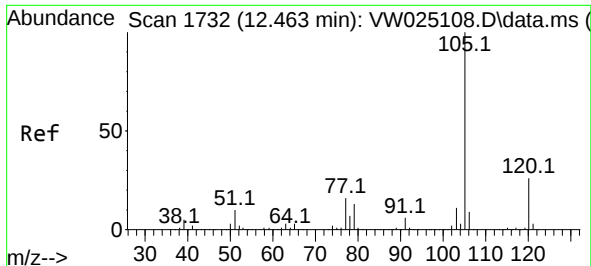
Tgt Ion: 83 Resp: 23676
Ion Ratio Lower Upper
83 100
85 67.4 46.8 87.0
131 10.3 8.2 12.2



#59
Bromoform
Concen: 4.741 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion:173 Resp: 11686
Ion Ratio Lower Upper
173 100
175 48.6 37.4 56.0
254 7.6 6.8 10.2

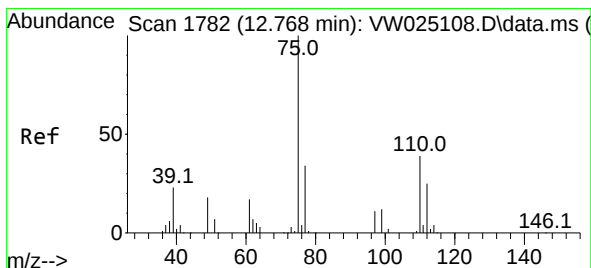
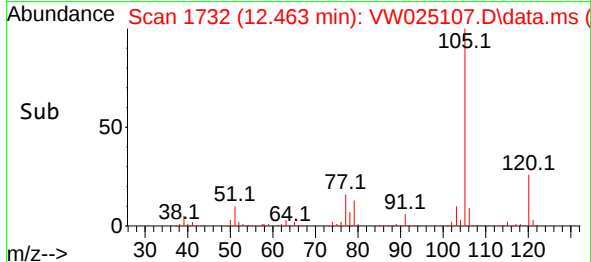
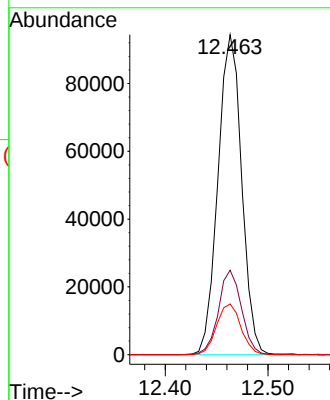
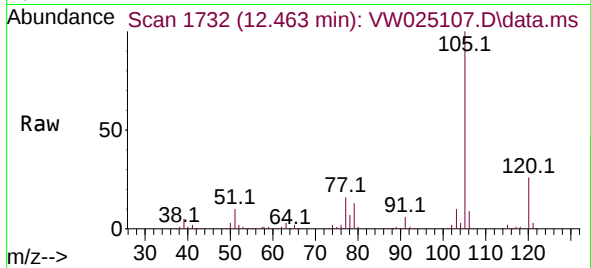




#60
Isopropylbenzene
Concen: 4.853 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

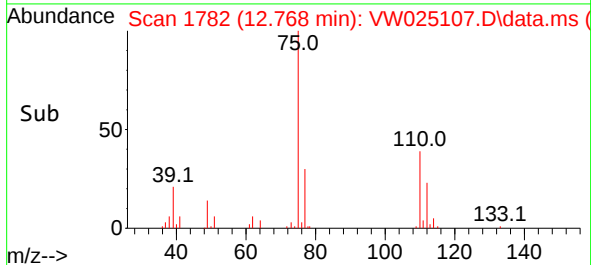
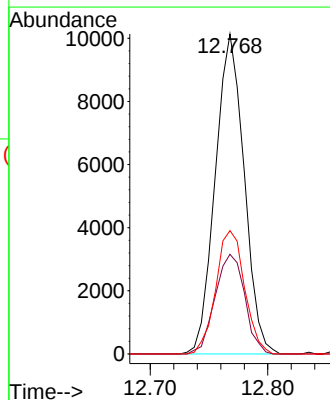
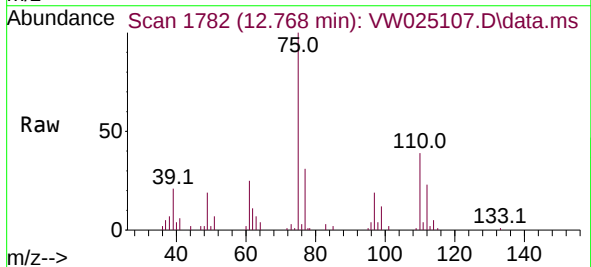
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

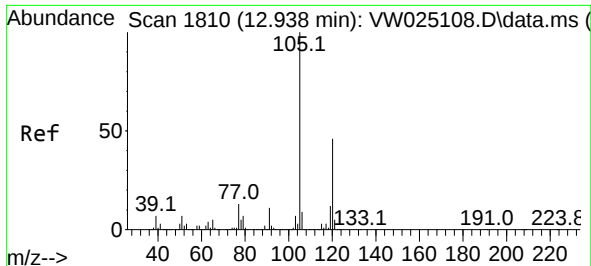
Tgt Ion:105 Resp: 151031
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.030 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion: 75 Resp: 17306
Ion Ratio Lower Upper
75 100
77 31.9 26.6 40.0
110 38.4 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 4.731 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

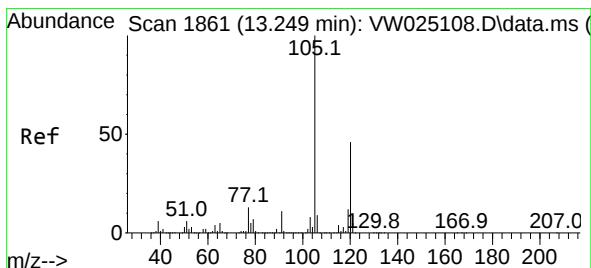
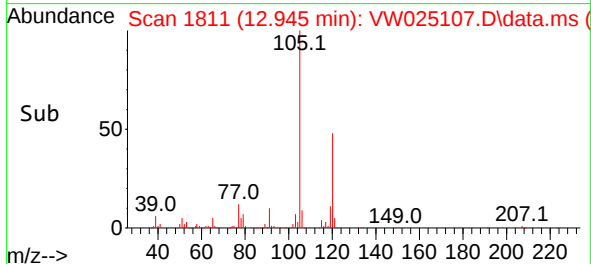
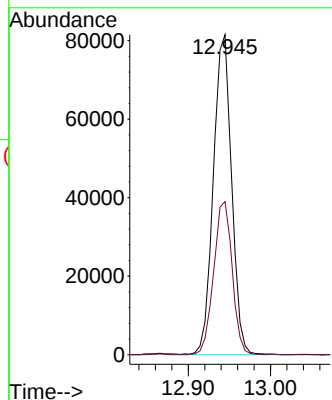
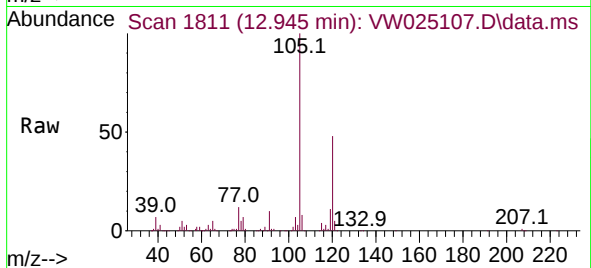
VSTD005468

Tgt Ion:105 Resp: 125810

Ion Ratio Lower Upper

105 100

120 48.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 4.766 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW025107.D

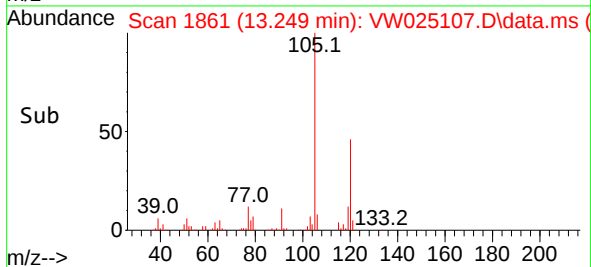
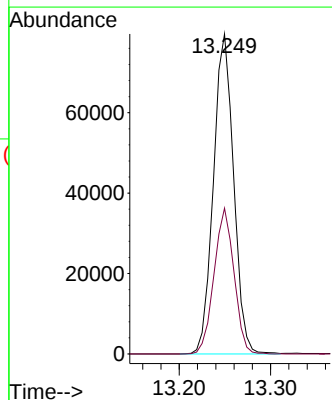
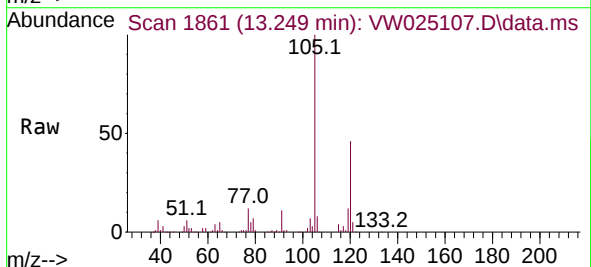
Acq: 21 Nov 2022 09:52

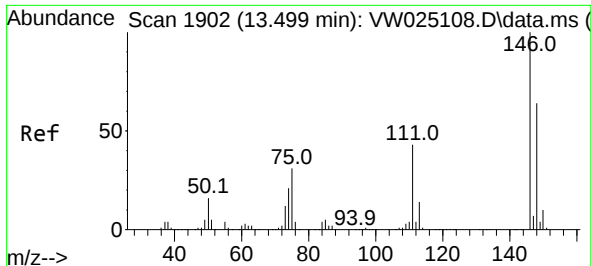
Tgt Ion:105 Resp: 122232

Ion Ratio Lower Upper

105 100

120 45.0 36.1 54.1

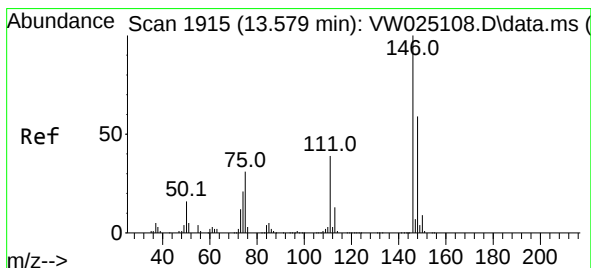
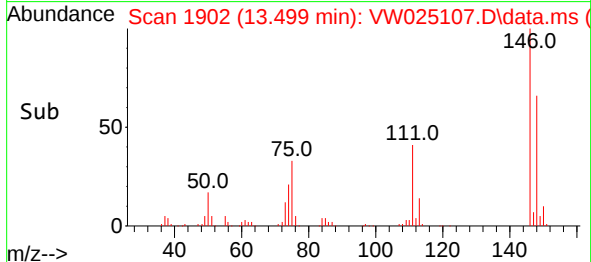
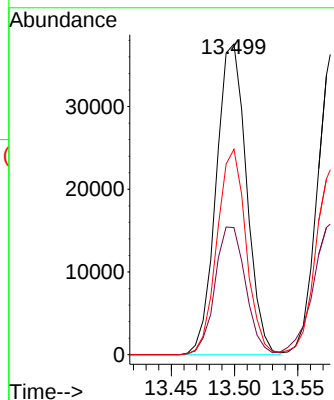
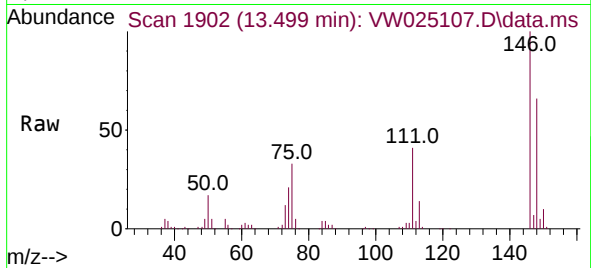




#64
1,3-Dichlorobenzene
Concen: 4.983 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

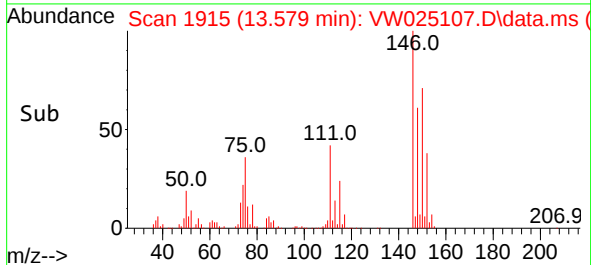
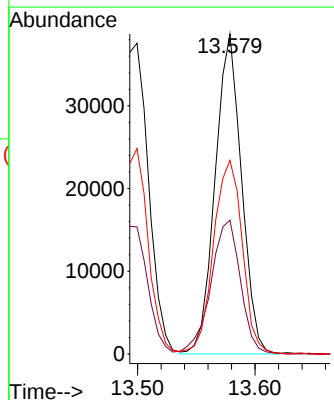
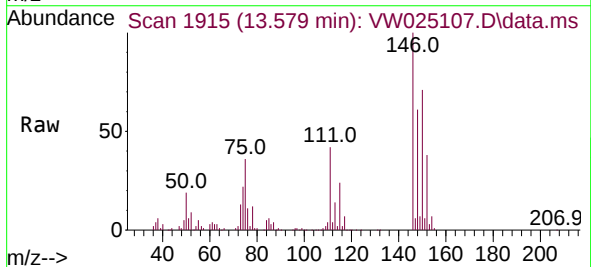
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

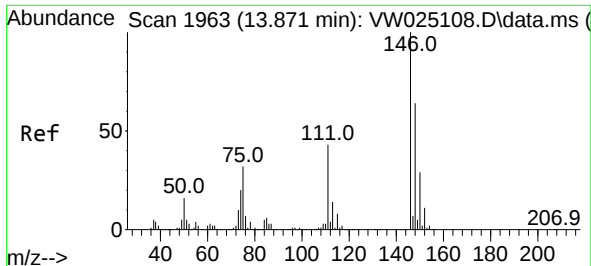
Tgt Ion:146 Resp: 62741
Ion Ratio Lower Upper
146 100
111 40.9 30.2 56.0
148 66.1 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 4.845 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion:146 Resp: 60471
Ion Ratio Lower Upper
146 100
111 41.8 27.4 51.0
148 60.5 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 4.878 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005468

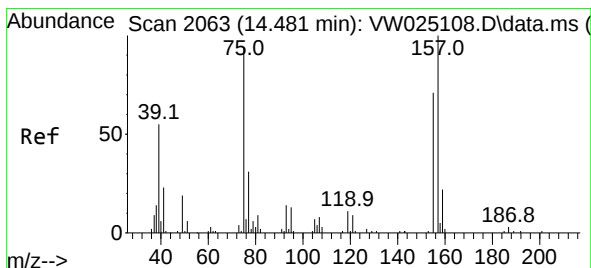
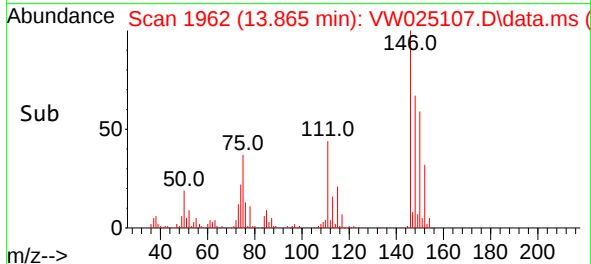
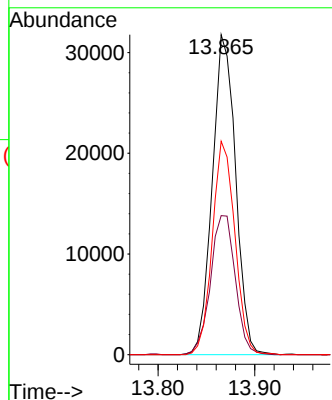
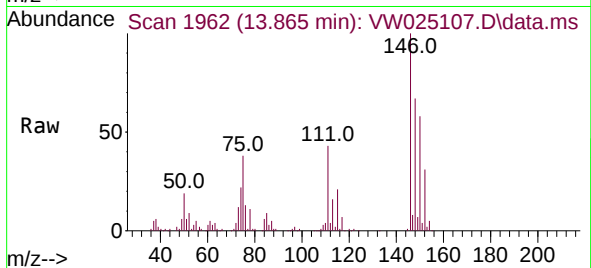
Tgt Ion:146 Resp: 53182

Ion Ratio Lower Upper

146 100

111 43.5 34.3 51.5

148 66.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.639 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

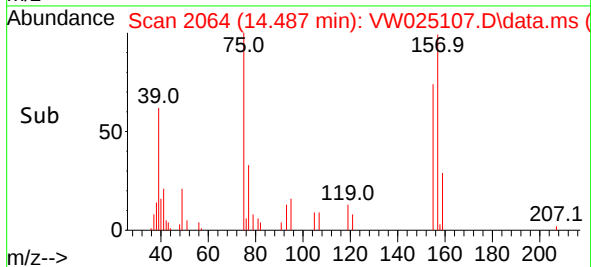
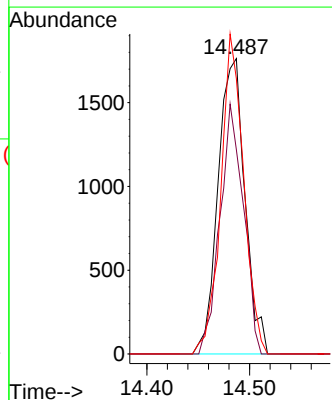
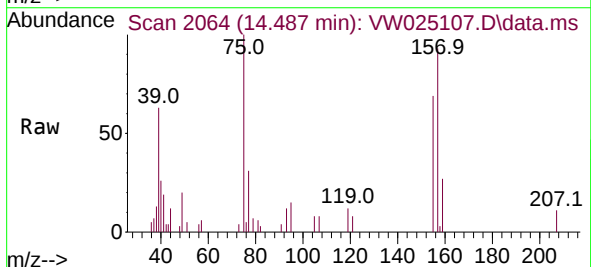
Tgt Ion: 75 Resp: 3205

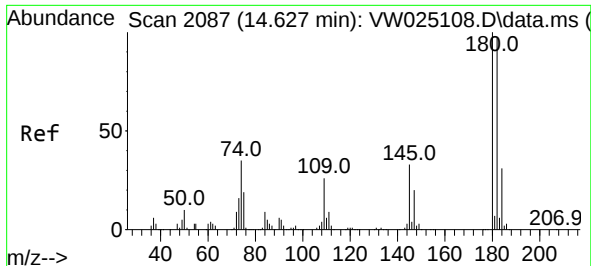
Ion Ratio Lower Upper

75 100

155 69.2 60.3 90.5

157 93.3 84.9 127.3

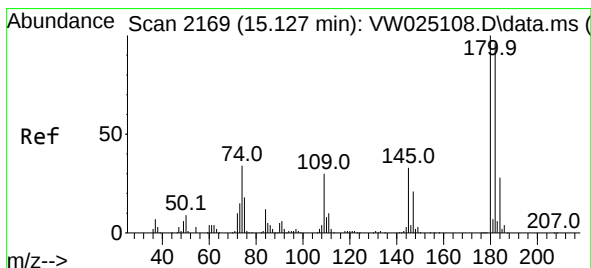
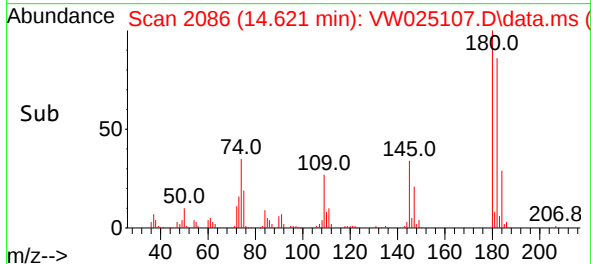
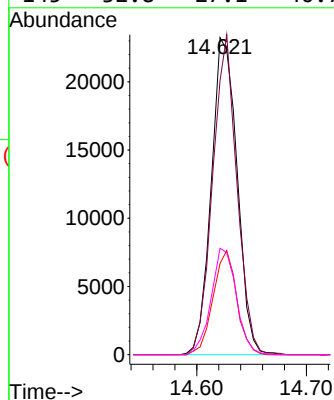
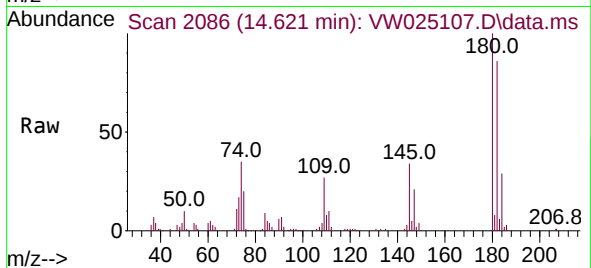




#69
1,3,5-Trichlorobenzene
Concen: 4.689 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

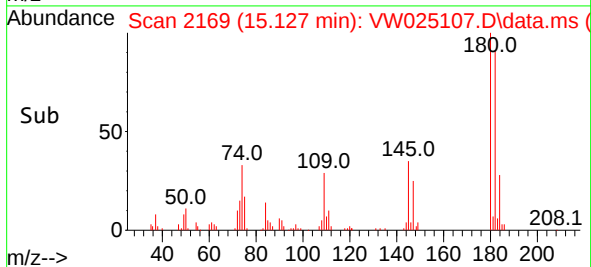
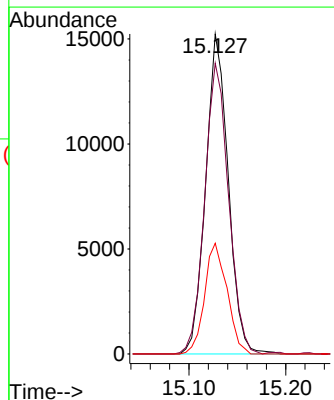
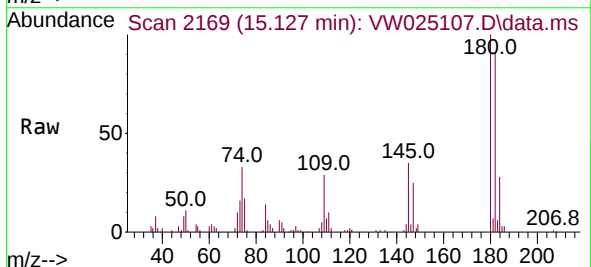
Instrument :
MSVOA_W
ClientSampleId :
VSTD005468

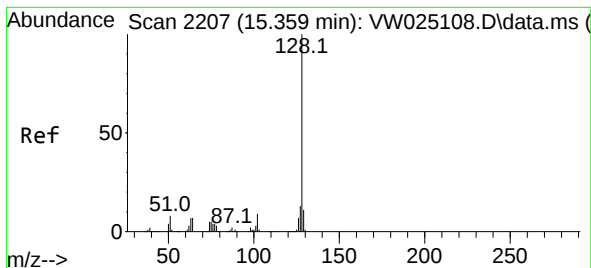
Tgt Ion:180	Resp:	38000
Ion Ratio	Lower	Upper
180	100	
182	94.5	77.8 116.6
184	30.2	24.3 36.5
145	32.8	27.1 40.7



#70
1,2,4-trichlorobenzene
Concen: 4.131 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW025107.D
Acq: 21 Nov 2022 09:52

Tgt Ion:180	Resp:	24799
Ion Ratio	Lower	Upper
180	100	
182	95.7	77.2 115.8
145	34.3	26.9 40.3





#71

Naphthalene

Concen: 3.884 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Instrument :

MSVOA_W

ClientSampleId :

VSTD005468

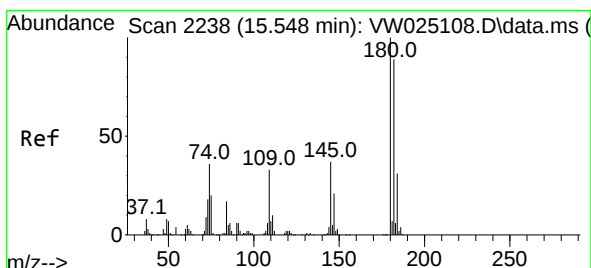
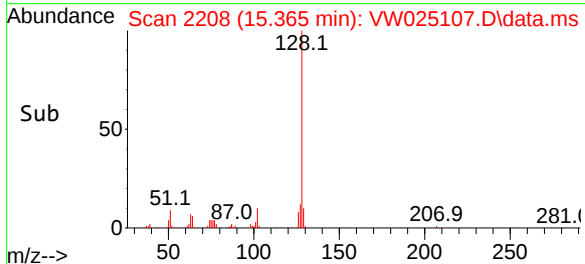
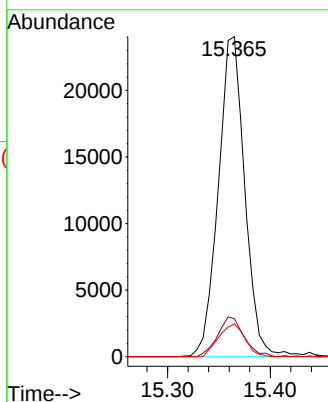
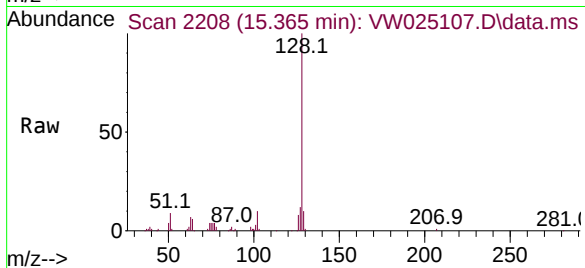
Tgt Ion:128 Resp: 42753

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 10.2 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 4.250 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW025107.D

Acq: 21 Nov 2022 09:52

Tgt Ion:180 Resp: 21280

Ion Ratio Lower Upper

180 100

182 98.5 76.4 114.6

145 36.1 29.6 44.4

