

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112122\
 Data File : VW025106.D
 Acq On : 21 Nov 2022 09:05
 Operator : SY/VA
 Sample : VSTD2.567
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5467

Quant Time: Nov 22 02:19:08 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	481478	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	403388	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	183774	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	15974	2.700	ug/L	0.00
7) Chloroethane-d5	2.892	69	11030	2.852	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	33436	2.626	ug/L	0.00
21) 2-Butanone-d5	7.092	46	6050	4.880	ug/L	0.01
24) Chloroform-d	7.647	84	32702	2.632	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	16323	2.660	ug/L	0.00
32) Benzene-d6	8.275	84	65959	2.712	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	18897	2.687	ug/L	0.00
41) Toluene-d8	10.323	98	58608	2.654	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	6790	2.393	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	3863	4.325	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	12021	2.573	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	16575	2.646	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	2699	1.839	ug/L #	83
3) Chloromethane	2.221	50	13307	2.502	ug/L	93
5) Vinyl chloride	2.367	62	18263	2.535	ug/L	100
6) Bromomethane	2.782	94	9099	2.598	ug/L	97
8) Chloroethane	2.928	64	8407	2.532	ug/L	99
9) Trichlorofluoromethane	3.269	101	13818	2.542	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	15851	2.435	ug/L	98
12) 1,1-Dichloroethene	4.044	96	15350	2.415	ug/L	93
13) Acetone	4.141	43	5962	4.599	ug/L	66
14) Carbon disulfide	4.379	76	54394	2.552	ug/L	99
15) Methyl Acetate	4.678	43	5107	2.377	ug/L #	83
16) Methylene chloride	4.922	84	34932	4.085	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	16701	2.474	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	21395	2.391	ug/L #	89
19) 1,1-Dichloroethane	6.220	63	29819	2.507	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	17051	2.438	ug/L	99
22) 2-Butanone	7.190	43	8916	5.373	ug/L	80
23) Bromochloromethane	7.519	128	6849	2.415	ug/L #	81
25) Chloroform	7.683	83	29195	2.452	ug/L	98
27) 1,2-Dichloroethane	8.397	62	17950	2.498	ug/L	96
29) Cyclohexane	7.958	56	26421	2.380	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	25042	2.553	ug/L	97
31) Carbon tetrachloride	8.067	117	22898	2.572	ug/L	98
33) Benzene	8.323	78	64743	2.488	ug/L	100
34) Trichloroethene	9.092	95	17332	2.541	ug/L	91
35) Methylcyclohexane	9.335	83	29475	2.389	ug/L	94
37) 1,2-Dichloropropane	9.372	63	15891	2.538	ug/L #	96
38) Bromodichloromethane	9.646	83	19830	2.479	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	22278	2.374	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	12541	4.533	ug/L	98
42) Toluene	10.390	91	67519	2.460	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	17308	2.258	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Tue Nov 22 02:18:29 2022
 Response via : Initial Calibration

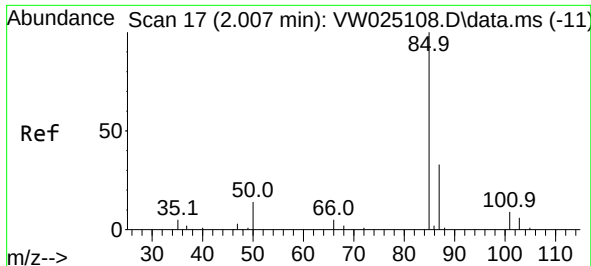
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	10471	2.498	ug/L	98
46) Tetrachloroethene	10.866	164	13408	2.643	ug/L	91
48) 2-Hexanone	10.969	43	8456	4.231	ug/L	95
49) Dibromochloromethane	11.134	129	11887	2.374	ug/L	95
50) 1,2-Dibromoethane	11.238	107	9179	2.359	ug/L #	94
51) Chlorobenzene	11.658	112	43716	2.568	ug/L	98
52) Ethylbenzene	11.731	91	75029	2.430	ug/L	100
53) m,p-Xylene	11.835	106	28737	2.425	ug/L	99
54) o-Xylene	12.164	106	26032	2.353	ug/L	96
55) Styrene	12.183	104	42554	2.295	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	11048	2.388	ug/L	97
59) Bromoform	12.353	173	5766	2.448	ug/L	97
60) Isopropylbenzene	12.463	105	72089	2.424	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	8284	2.520	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	59901	2.357	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	56317	2.298	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	29944	2.489	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	30334	2.544	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	25754	2.472	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	1508	2.284	ug/L	84
69) 1,3,5-Trichlorobenzene	14.627	180	17764	2.294	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	11867	2.069	ug/L	97
71) Naphthalene	15.359	128	19481	1.852	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	9972	2.084	ug/L	96

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

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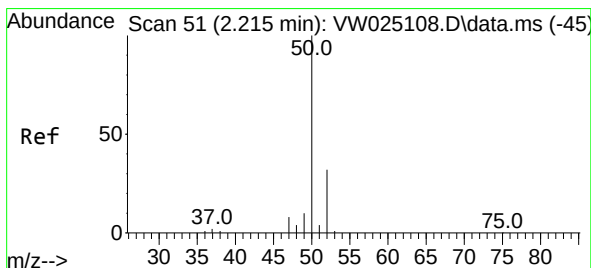
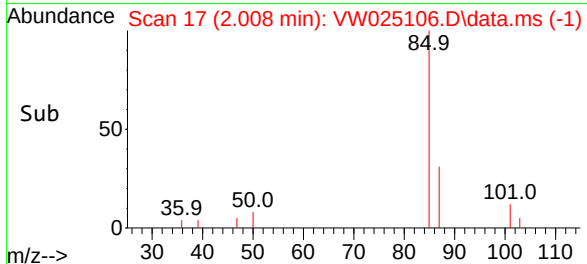
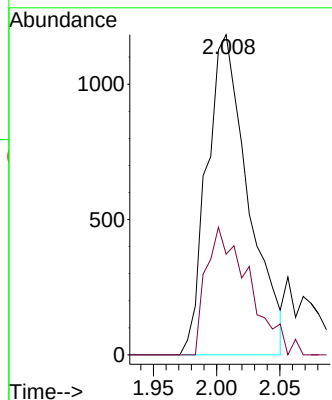
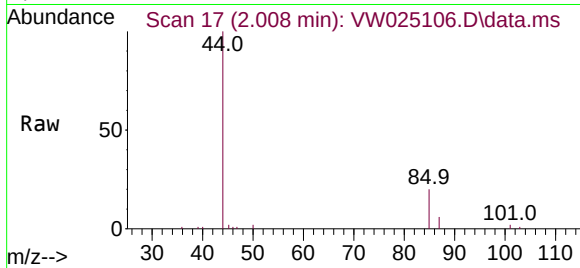




#2
Dichlorodifluoromethane
Concen: 1.839 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025106.D
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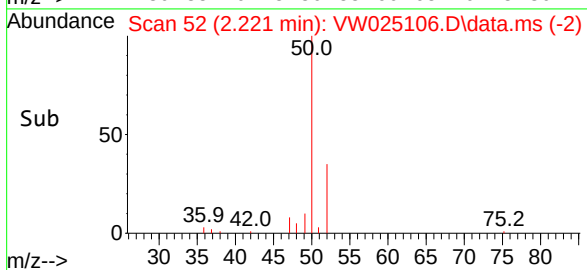
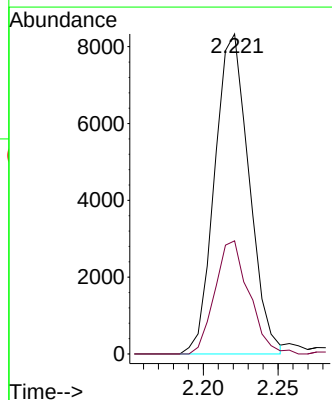
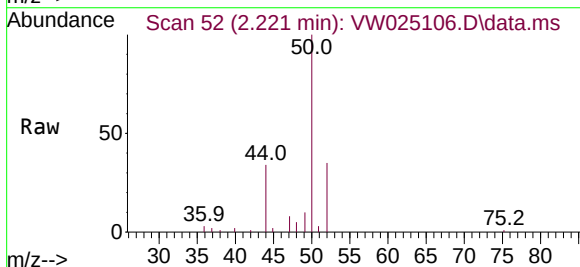
Instrument :
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ClientSampleId :
VSTD2.5467

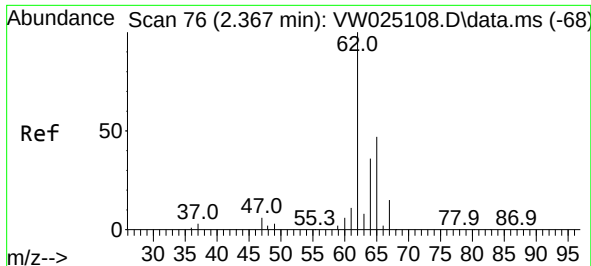
Tgt Ion: 85 Resp: 2699
Ion Ratio Lower Upper
85 100
87 40.7 25.0 37.6#



#3
Chloromethane
Concen: 2.502 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 50 Resp: 13307
Ion Ratio Lower Upper
50 100
52 35.3 22.1 41.1

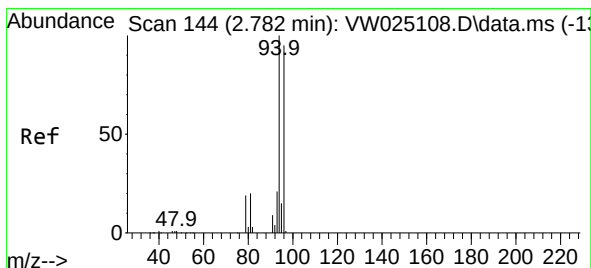
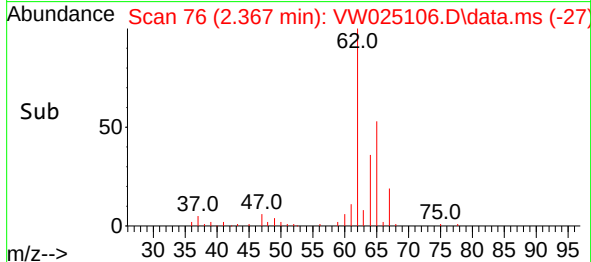
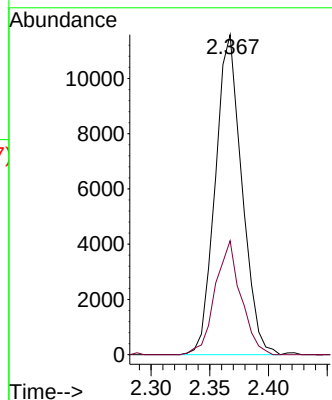
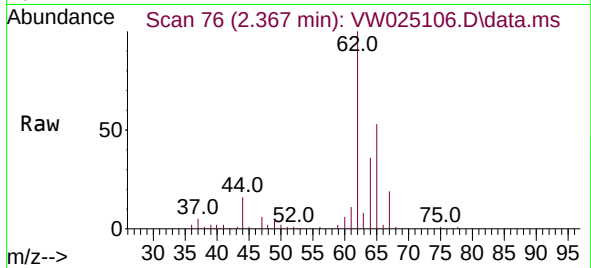




#5
 Vinyl chloride
 Concen: 2.535 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW025106.D
 Acq: 21 Nov 2022 09:05

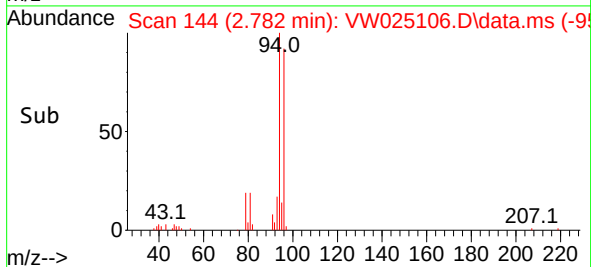
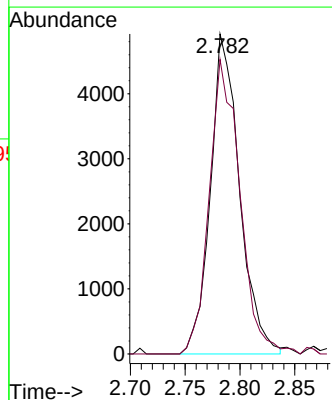
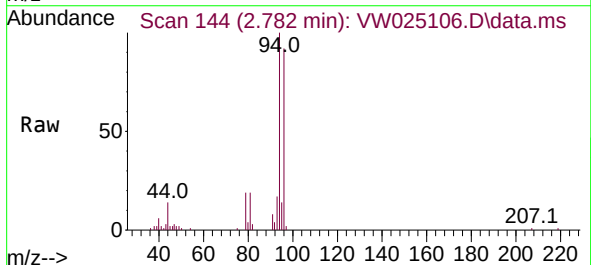
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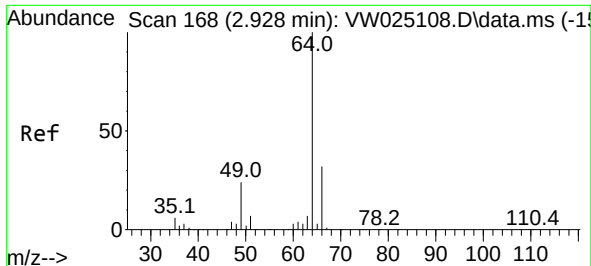
Tgt Ion: 62 Resp: 18263
 Ion Ratio Lower Upper
 62 100
 64 35.6 24.8 46.1



#6
 Bromomethane
 Concen: 2.598 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW025106.D
 Acq: 21 Nov 2022 09:05

Tgt Ion: 94 Resp: 9099
 Ion Ratio Lower Upper
 94 100
 96 92.1 66.7 123.9

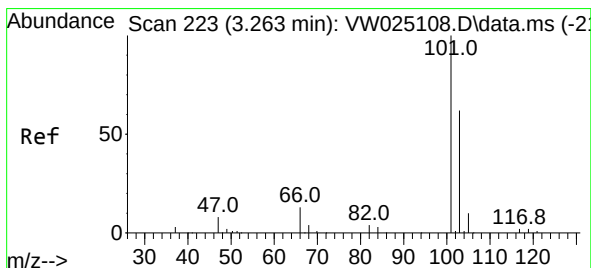
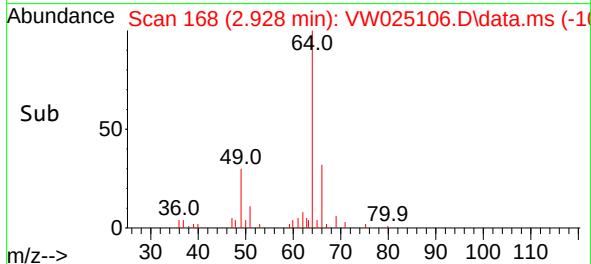
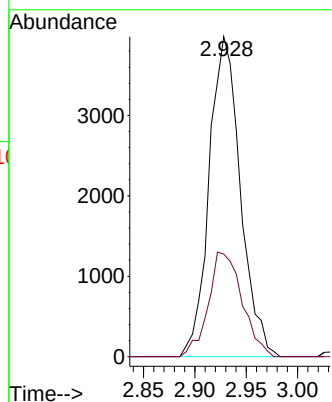
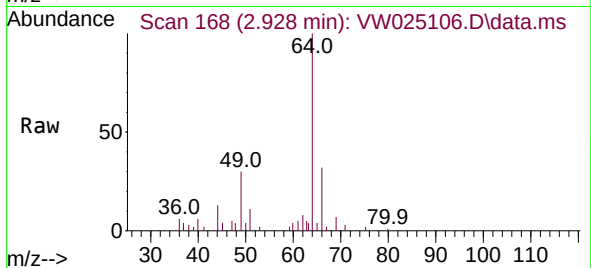




#8
Chloroethane
Concen: 2.532 ug/L
RT: 2.928 min Scan# 110
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

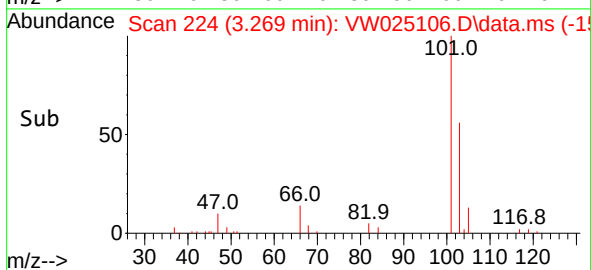
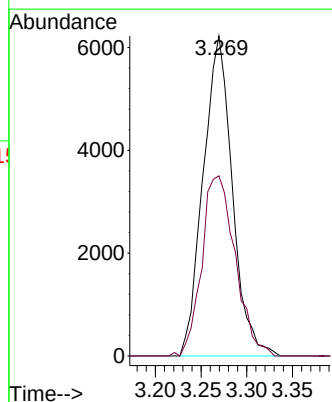
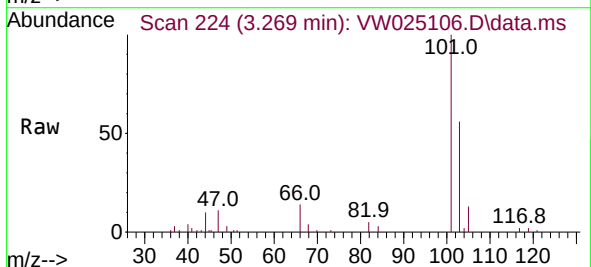
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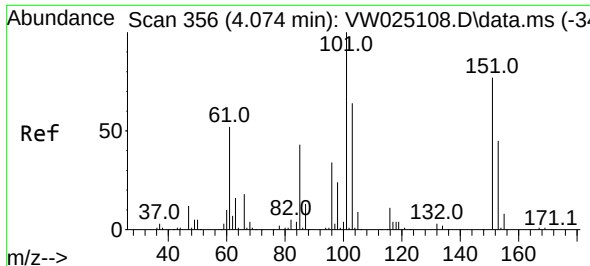
Tgt Ion: 64 Resp: 8407
Ion Ratio Lower Upper
64 100
66 32.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 2.542 ug/L
RT: 3.269 min Scan# 224
Delta R.T. 0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 101 Resp: 13818
Ion Ratio Lower Upper
101 100
103 64.4 50.9 76.3

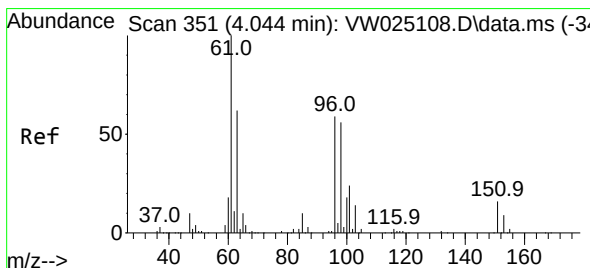
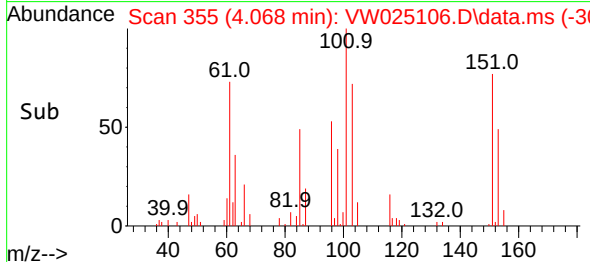
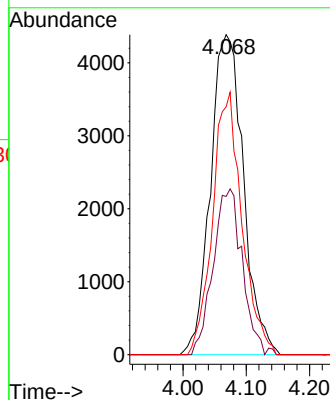
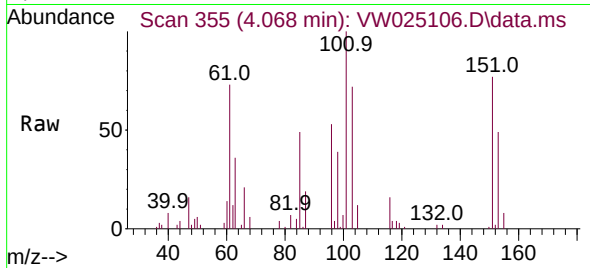




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.435 ug/L
 RT: 4.068 min Scan# 356
 Delta R.T. -0.006 min
 Lab File: VW025106.D
 Acq: 21 Nov 2022 09:05

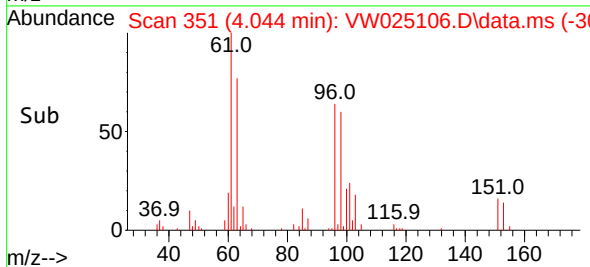
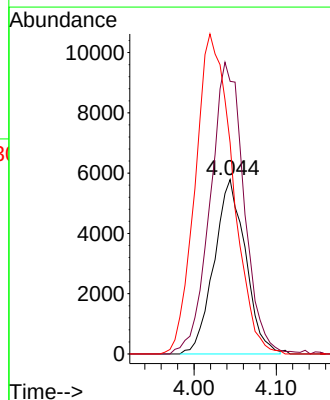
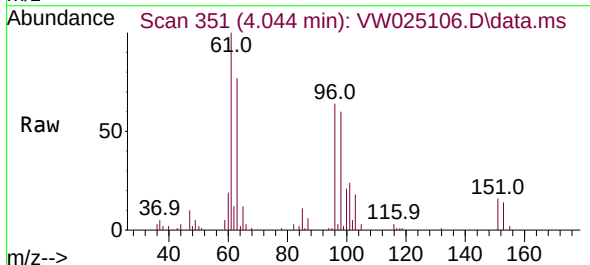
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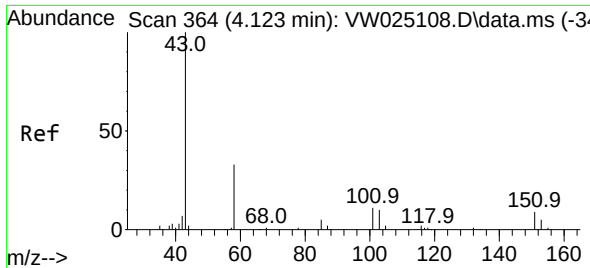
Tgt Ion:101 Resp: 15851
 Ion Ratio Lower Upper
 101 100
 85 45.6 34.6 52.0
 151 73.0 57.7 86.5



#12
 1,1-Dichloroethene
 Concen: 2.415 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW025106.D
 Acq: 21 Nov 2022 09:05

Tgt Ion: 96 Resp: 15350
 Ion Ratio Lower Upper
 96 100
 61 156.3 120.8 224.4
 63 121.1 84.1 156.1

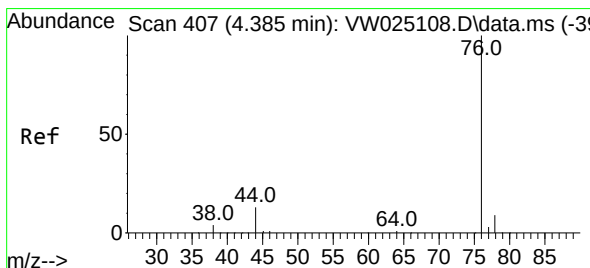
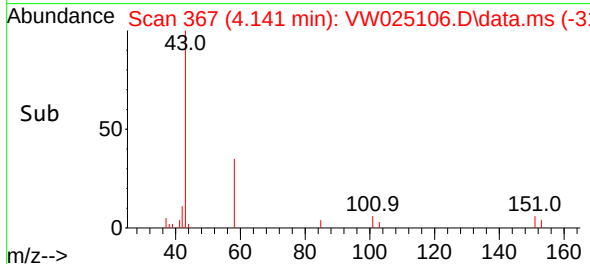
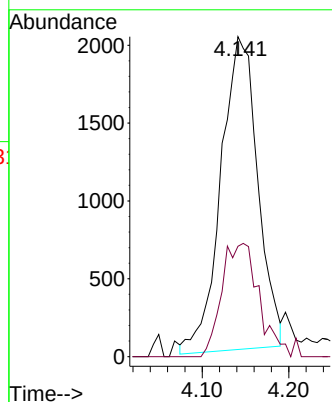
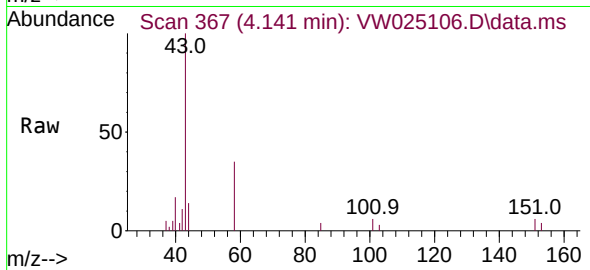




#13
Acetone
Concen: 4.599 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

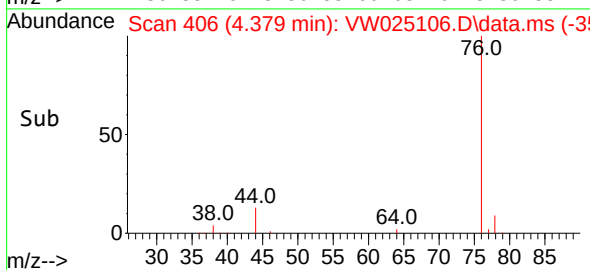
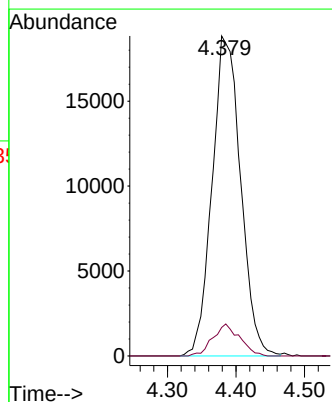
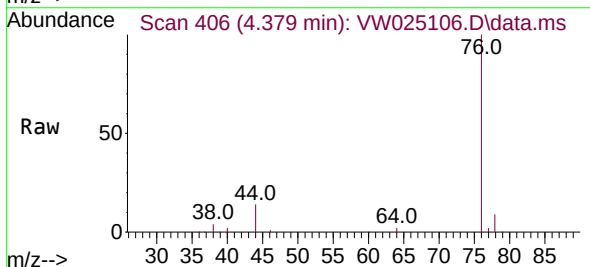
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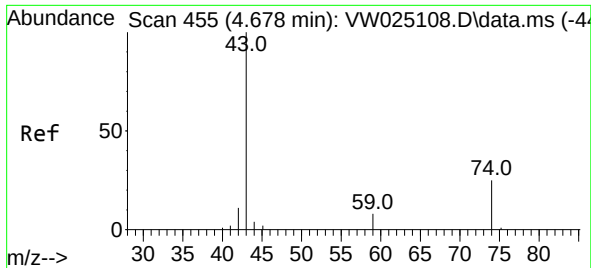
Tgt Ion: 43 Resp: 5962
Ion Ratio Lower Upper
43 100
58 13.7 0.0 65.2



#14
Carbon disulfide
Concen: 2.552 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 76 Resp: 54394
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

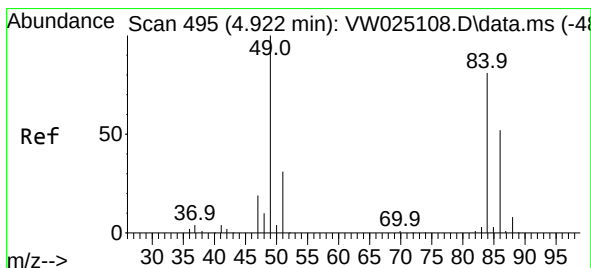
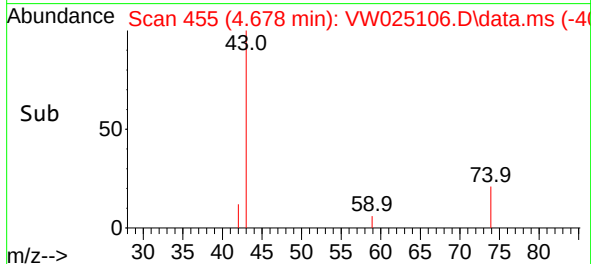
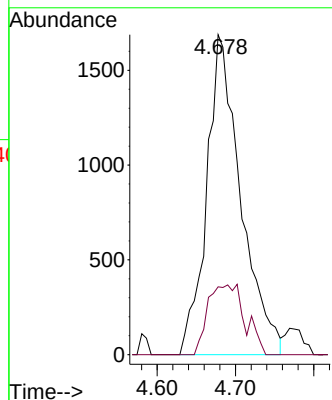
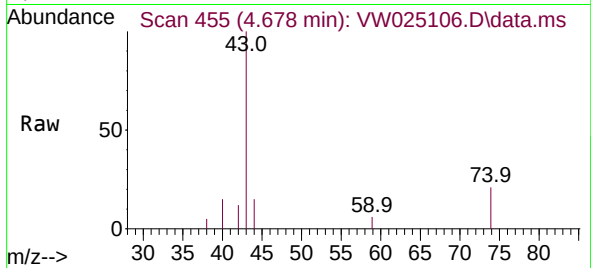




#15
Methyl Acetate
Concen: 2.377 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

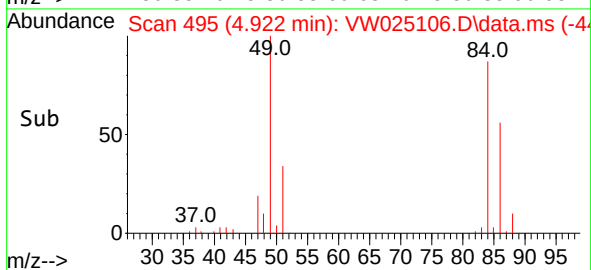
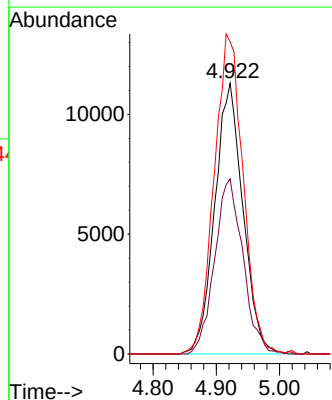
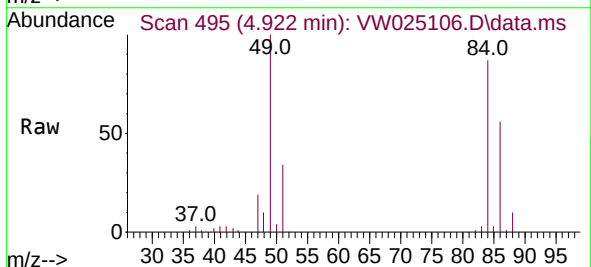
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MSVOA_W
ClientSampleId :
VSTD2.5467

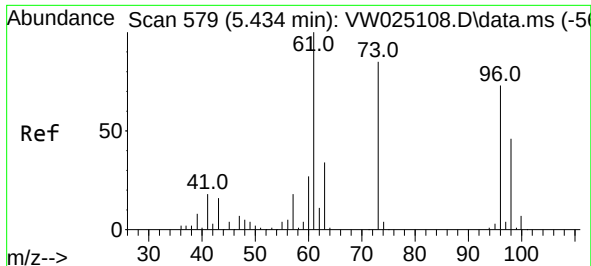
Tgt Ion: 43 Resp: 5107
Ion Ratio Lower Upper
43 100
74 16.1 19.5 29.3#



#16
Methylene chloride
Concen: 4.085 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 84 Resp: 34932
Ion Ratio Lower Upper
84 100
86 64.6 45.0 83.6
49 115.3 86.3 160.3

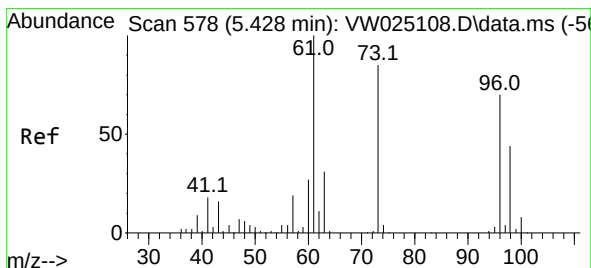
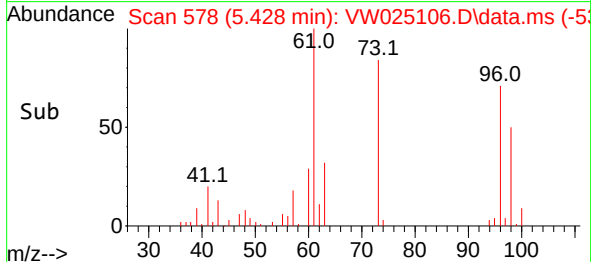
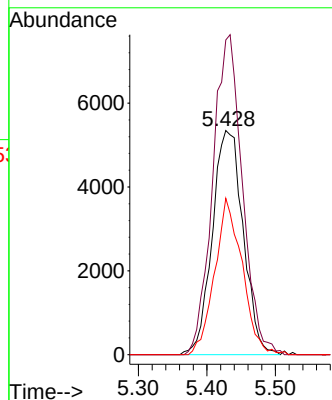
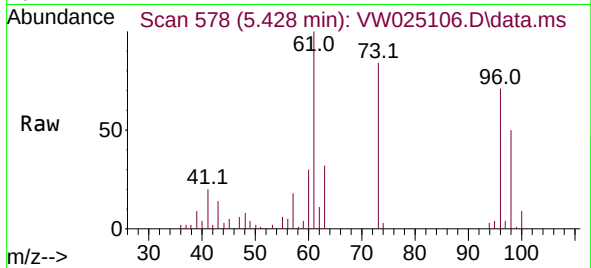




#17
trans-1,2-Dichloroethene
Concen: 2.474 ug/L
RT: 5.428 min Scan# 579
Delta R.T. -0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

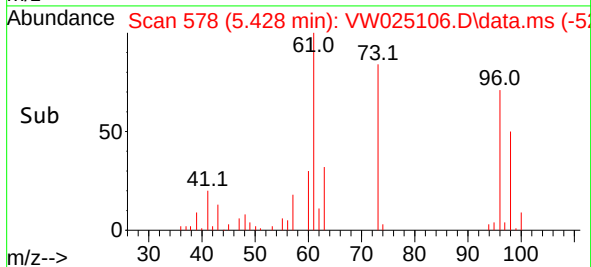
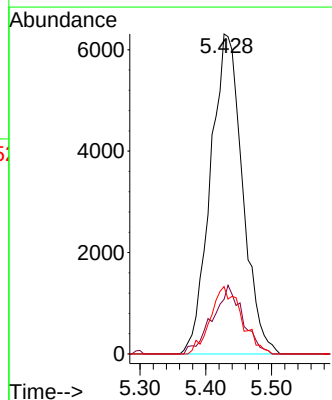
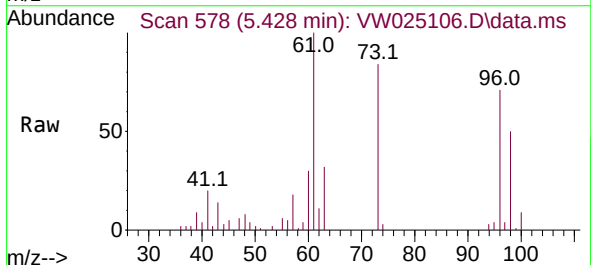
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

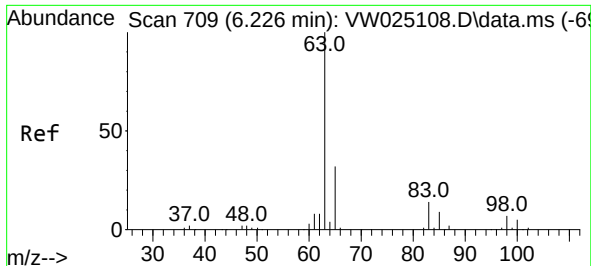
Tgt Ion: 96 Resp: 16701
Ion Ratio Lower Upper
96 100
61 140.4 95.5 177.3
98 69.8 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 2.391 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 73 Resp: 21395
Ion Ratio Lower Upper
73 100
43 19.5 15.6 23.4
57 11.9 17.5 26.3

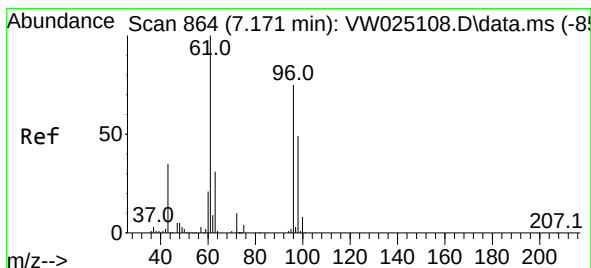
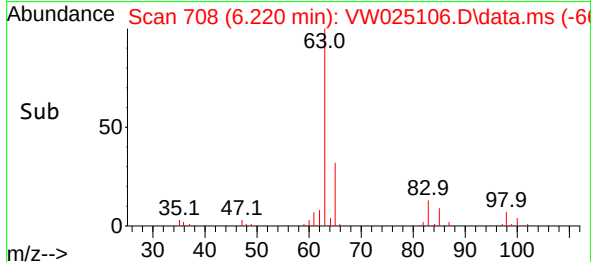
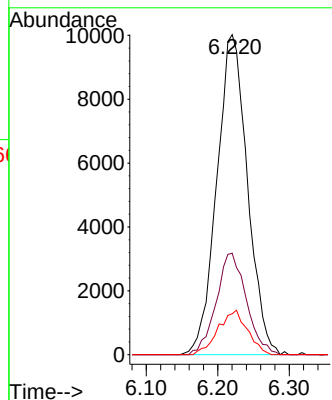
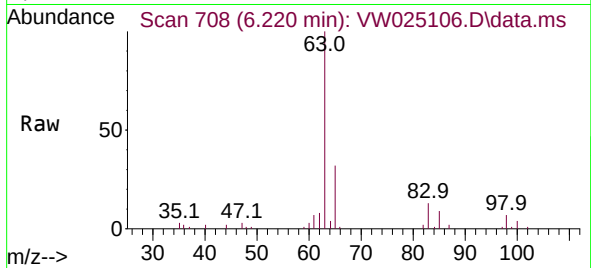




#19
 1,1-Dichloroethane
 Concen: 2.507 ug/L
 RT: 6.220 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: VW025106.D
 Acq: 21 Nov 2022 09:05

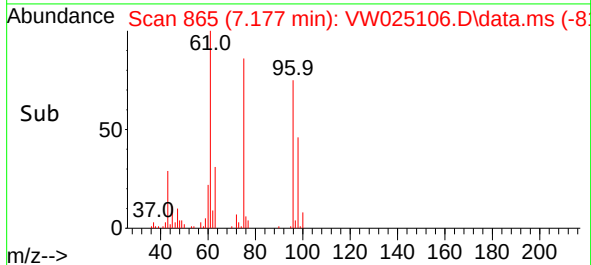
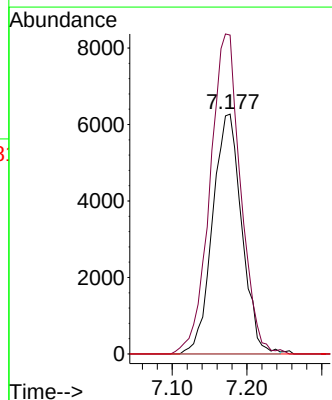
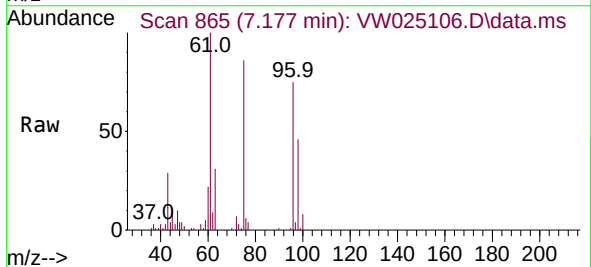
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5467

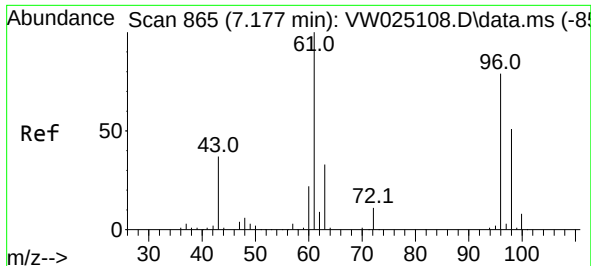
Tgt Ion: 63 Resp: 29819
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.2 41.2
 83 12.8 9.4 17.6



#20
 cis-1,2-Dichloroethene
 Concen: 2.438 ug/L
 RT: 7.177 min Scan# 865
 Delta R.T. 0.006 min
 Lab File: VW025106.D
 Acq: 21 Nov 2022 09:05

Tgt Ion: 96 Resp: 17051
 Ion Ratio Lower Upper
 96 100
 61 132.9 93.7 173.9
 68 0.0 0.0 0.0

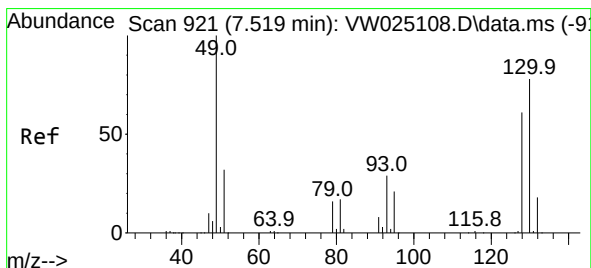
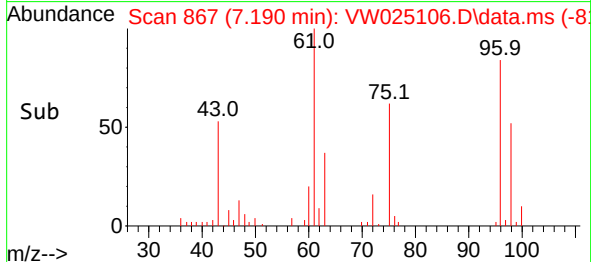
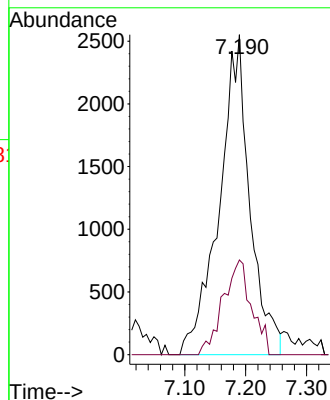
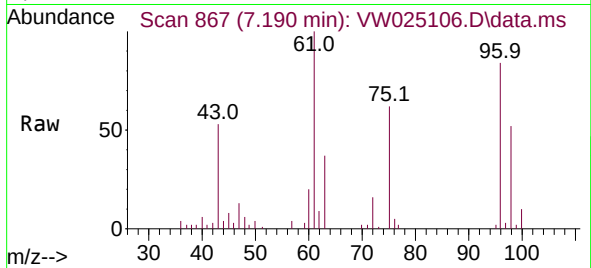




#22
2-Butanone
Concen: 5.373 ug/L
RT: 7.190 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

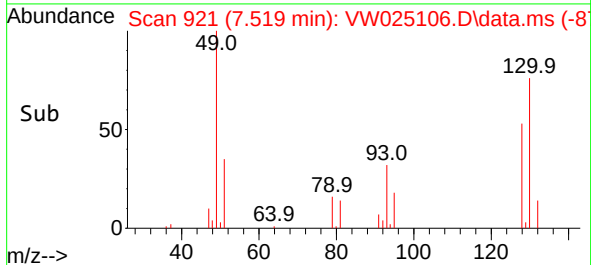
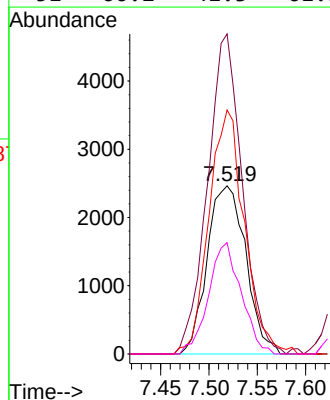
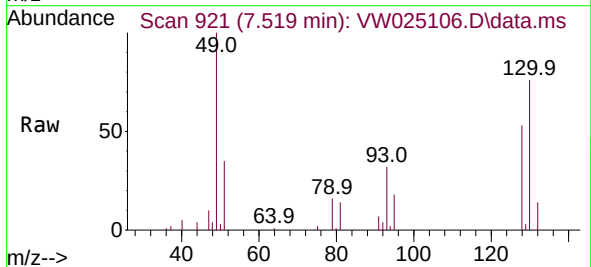
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

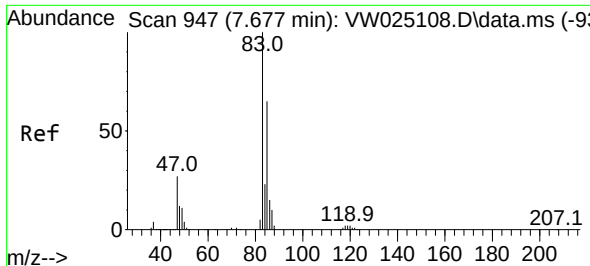
Tgt Ion: 43 Resp: 8916
Ion Ratio Lower Upper
43 100
72 18.9 15.0 45.0



#23
Bromochloromethane
Concen: 2.415 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 128 Resp: 6849
Ion Ratio Lower Upper
128 100
49 190.3 114.1 211.9
130 145.1 89.0 165.2
51 66.2 41.3 61.9#

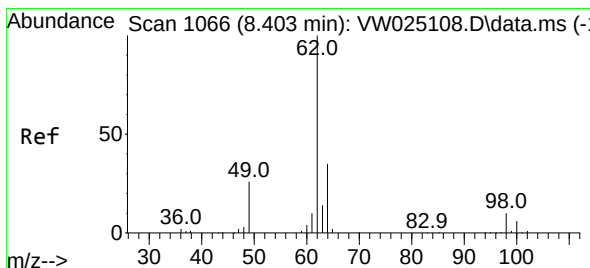
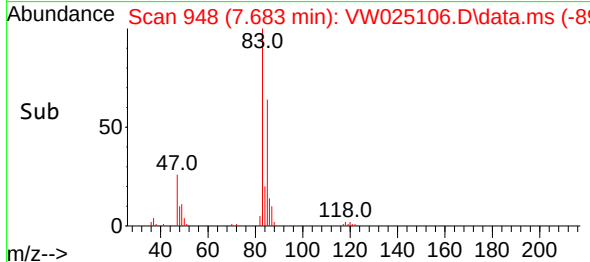
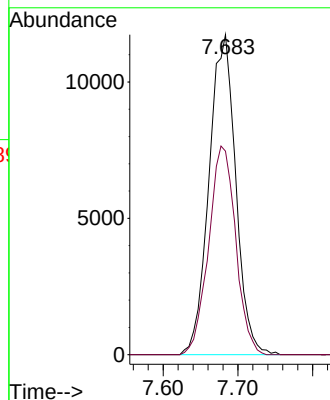
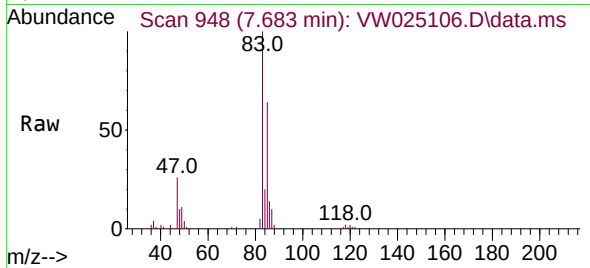




#25
Chloroform
Concen: 2.452 ug/L
RT: 7.683 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

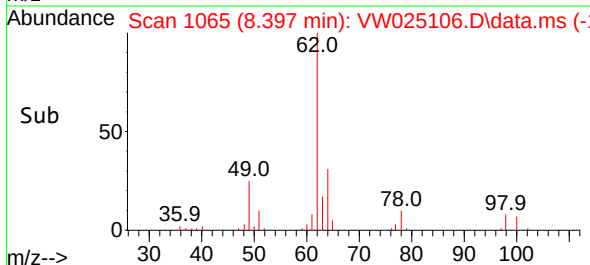
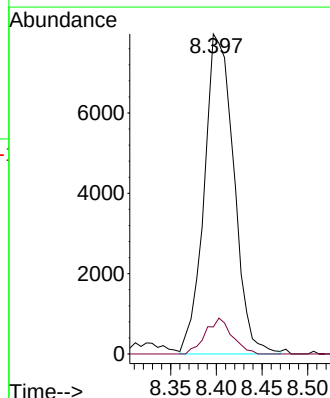
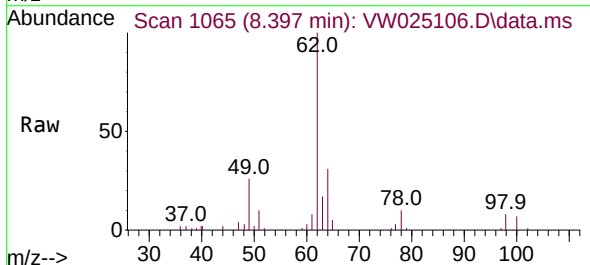
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

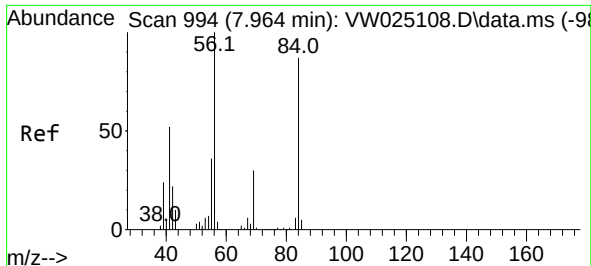
Tgt Ion: 83 Resp: 29195
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2



#27
1,2-Dichloroethane
Concen: 2.498 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 62 Resp: 17950
Ion Ratio Lower Upper
62 100
98 8.5 7.8 11.8





#29

Cyclohexane

Concen: 2.380 ug/L

RT: 7.958 min Scan# 994

Delta R.T. -0.006 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5467

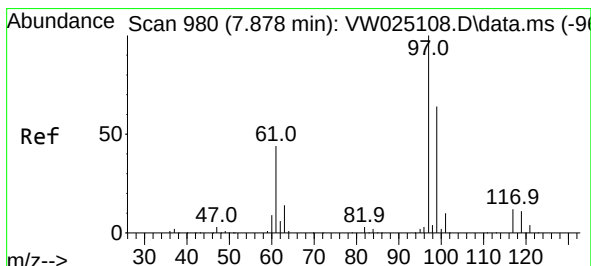
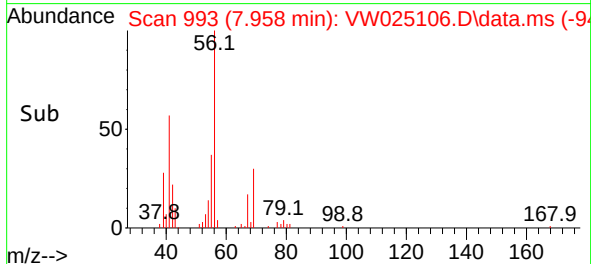
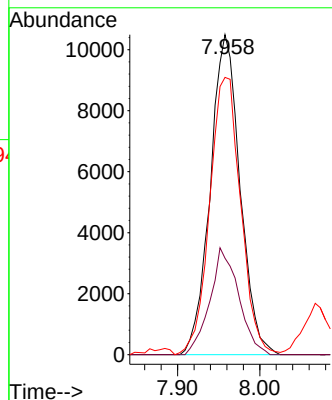
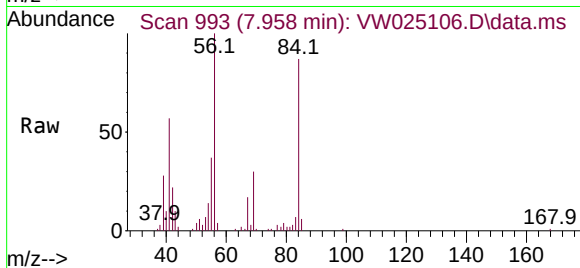
Tgt Ion: 56 Resp: 26421

Ion Ratio Lower Upper

56 100

69 32.2 25.0 37.6

84 90.2 70.9 106.3



#30

1,1,1-Trichloroethane

Concen: 2.553 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

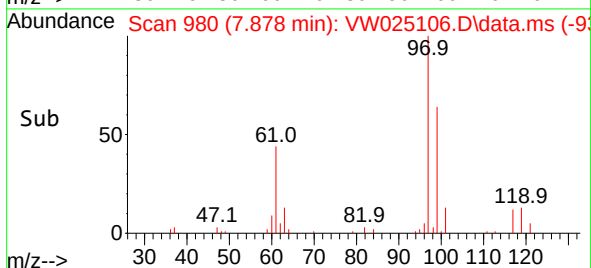
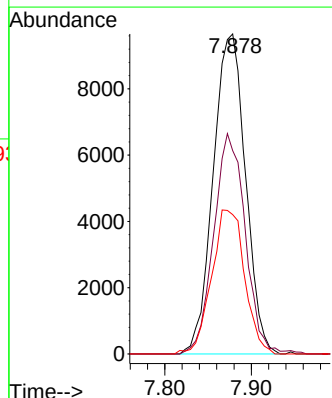
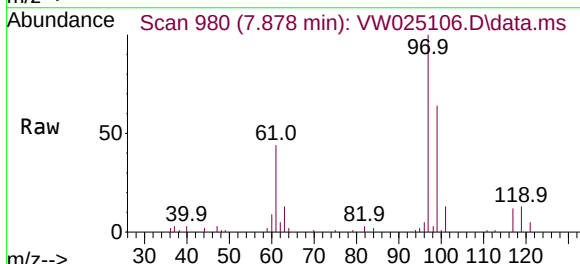
Tgt Ion: 97 Resp: 25042

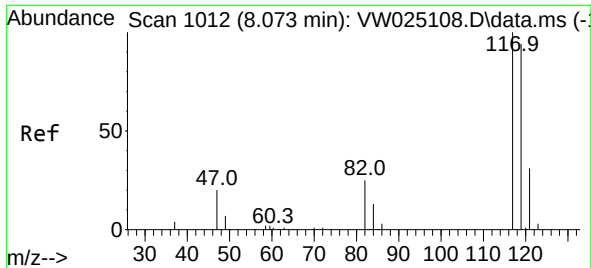
Ion Ratio Lower Upper

97 100

99 66.8 50.9 76.3

61 45.6 35.5 53.3

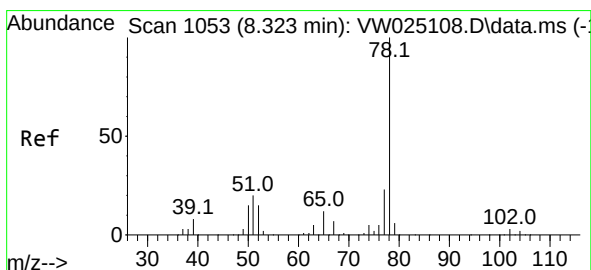
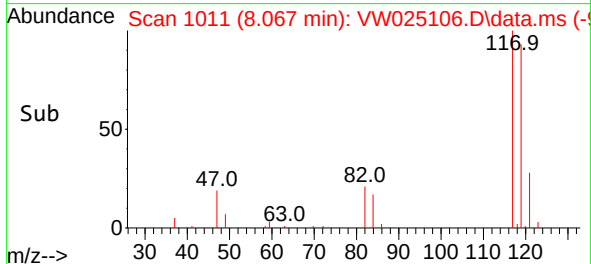
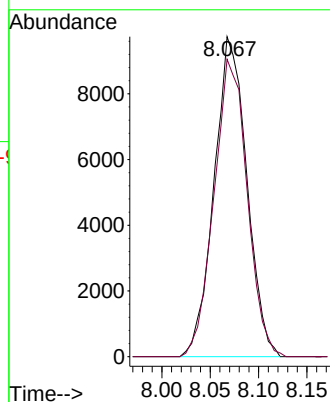
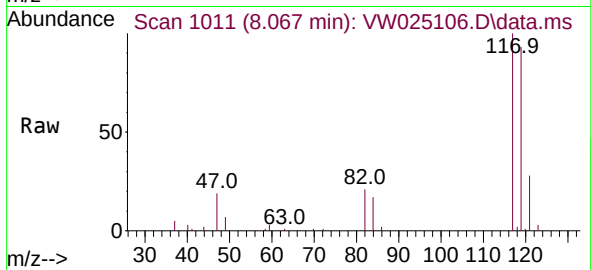




#31
Carbon tetrachloride
Concen: 2.572 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

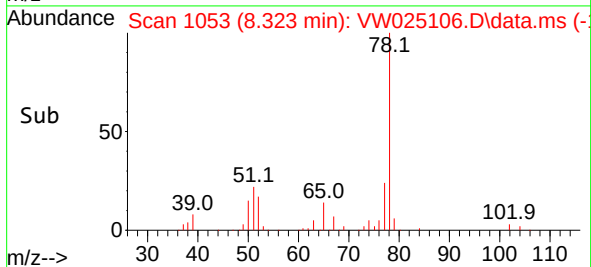
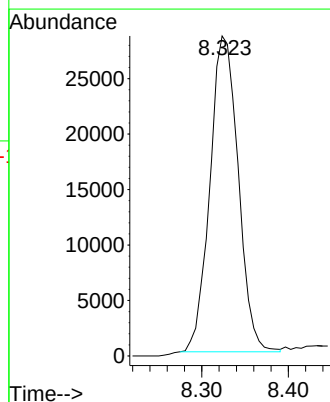
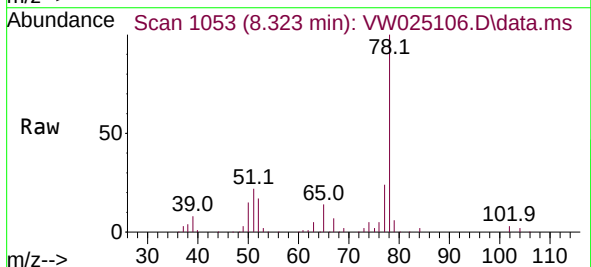
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

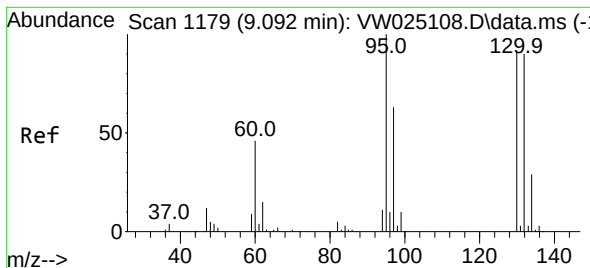
Tgt Ion:117 Resp: 22898
Ion Ratio Lower Upper
117 100
119 94.3 77.0 115.4



#33
Benzene
Concen: 2.488 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 78 Resp: 64743





#34

Trichloroethene

Concen: 2.541 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5467

Tgt Ion: 95 Resp: 17332

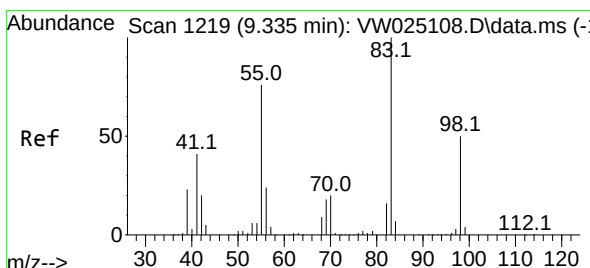
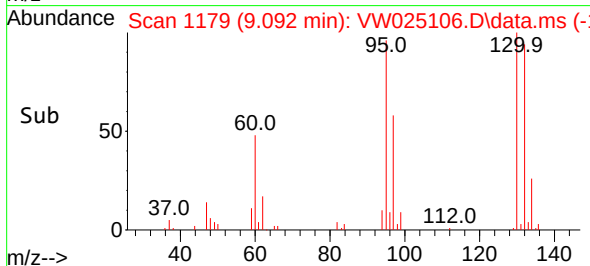
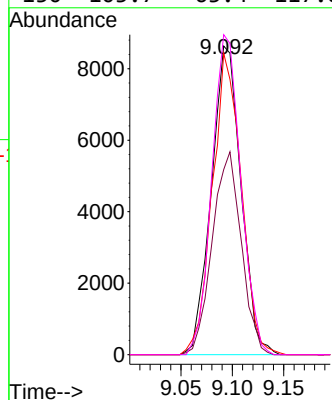
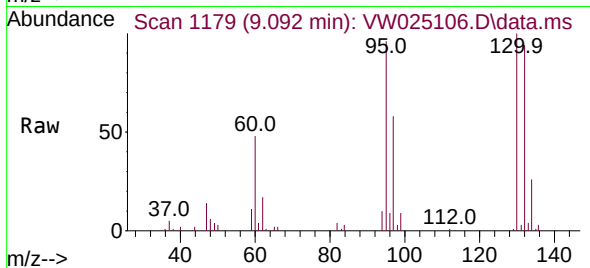
Ion Ratio Lower Upper

95 100

97 60.0 44.3 82.3

132 97.6 63.0 117.0

130 103.7 63.4 117.8



#35

Methylcyclohexane

Concen: 2.389 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

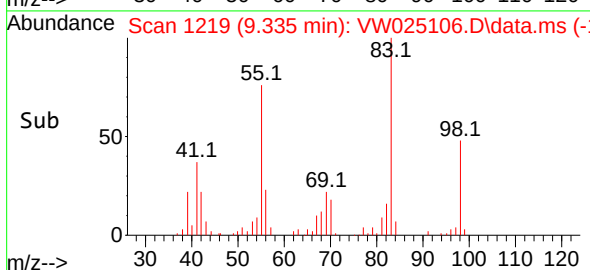
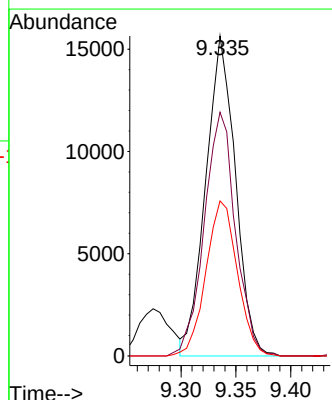
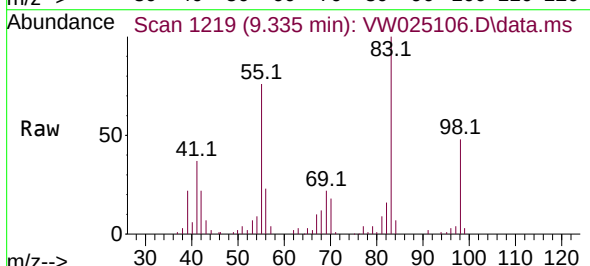
Tgt Ion: 83 Resp: 29475

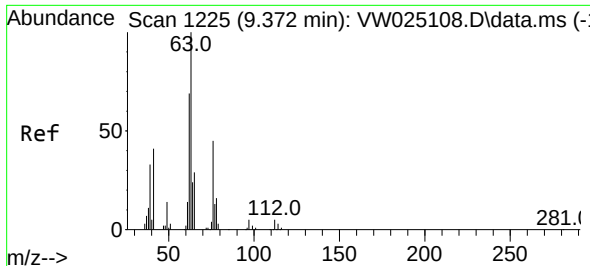
Ion Ratio Lower Upper

83 100

55 80.3 59.3 88.9

98 51.4 38.6 57.8





#37

1,2-Dichloropropane

Concen: 2.538 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

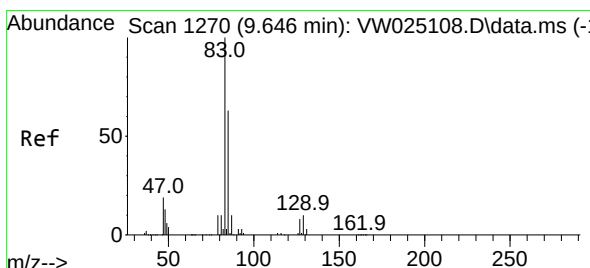
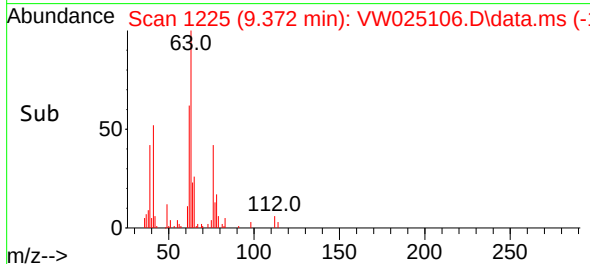
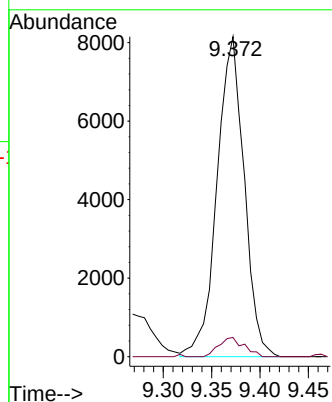
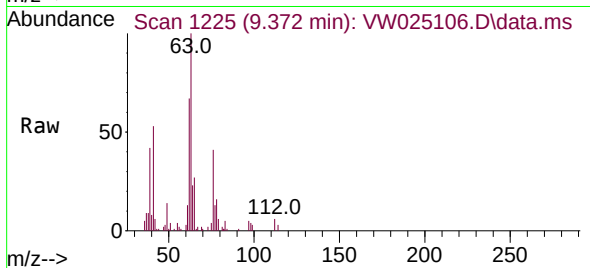
VSTD2.5467

Tgt Ion: 63 Resp: 15891

Ion Ratio Lower Upper

63 100

112 5.6 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.479 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

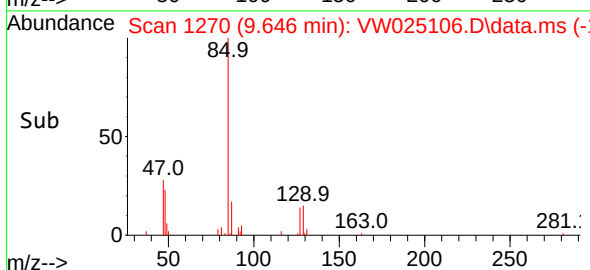
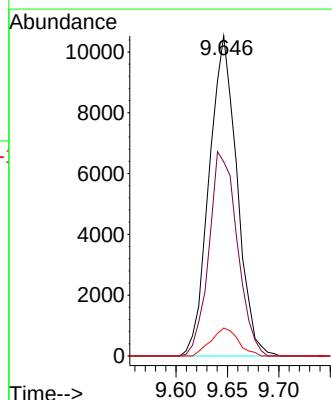
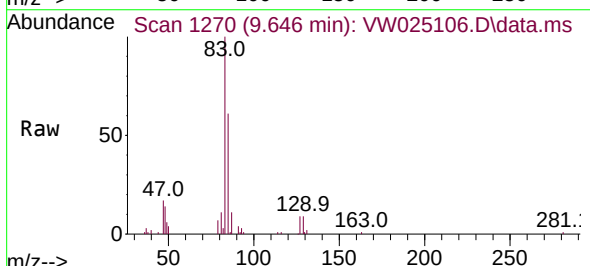
Tgt Ion: 83 Resp: 19830

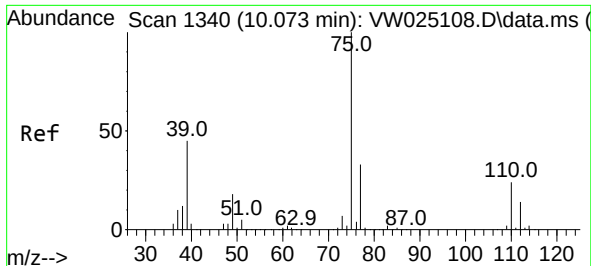
Ion Ratio Lower Upper

83 100

85 60.7 44.2 82.2

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 2.374 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

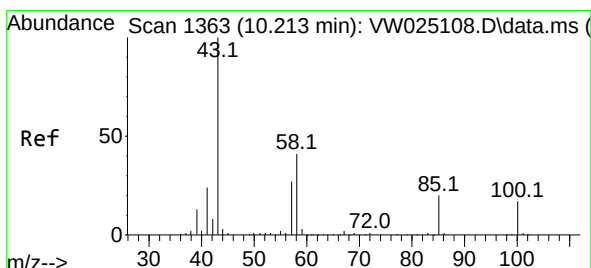
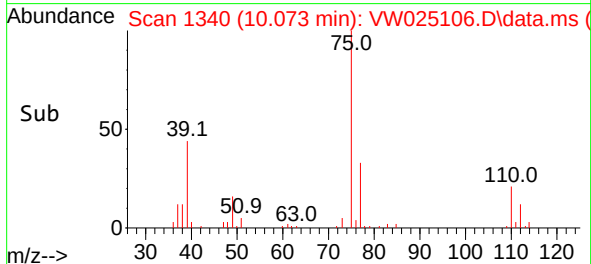
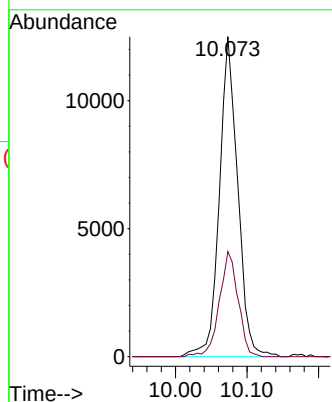
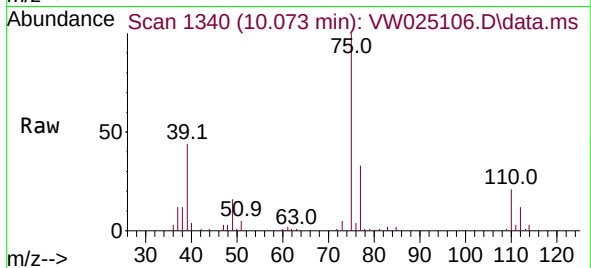
VSTD2.5467

Tgt Ion: 75 Resp: 22278

Ion Ratio Lower Upper

75 100

77 32.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 4.533 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

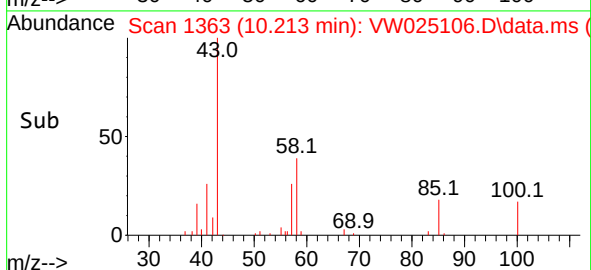
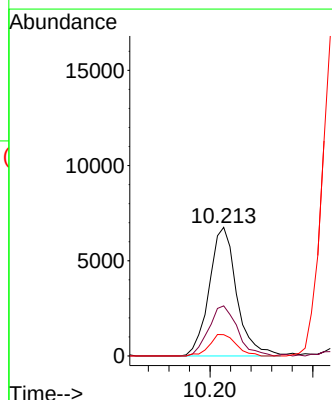
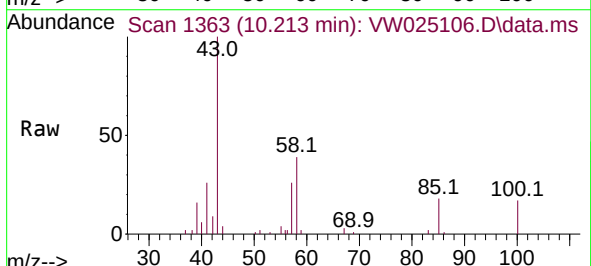
Tgt Ion: 43 Resp: 12541

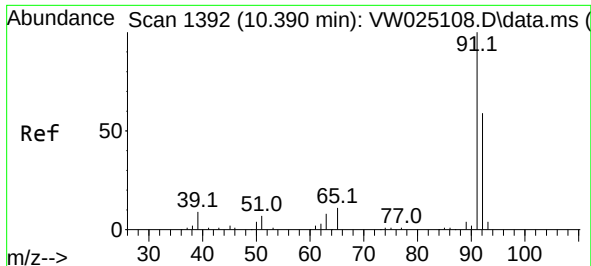
Ion Ratio Lower Upper

43 100

58 40.5 33.3 49.9

100 16.2 13.8 20.6

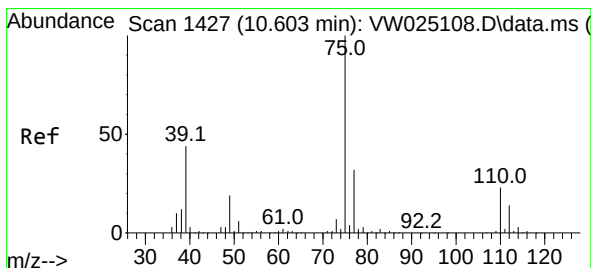
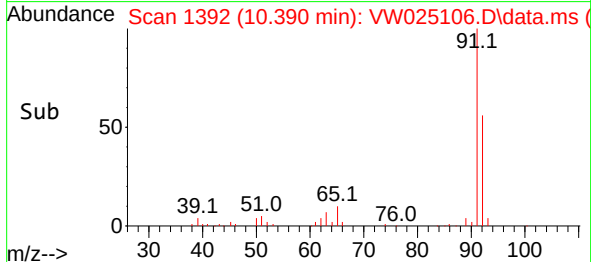
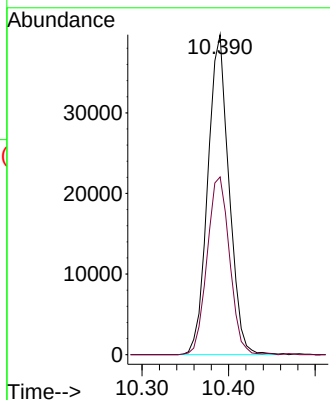
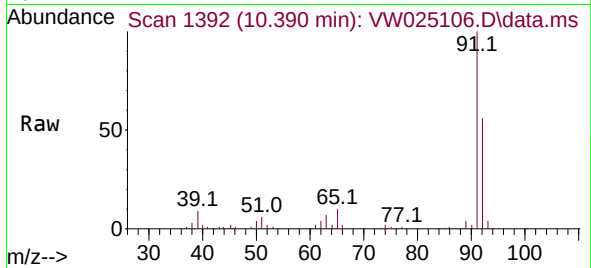




#42
Toluene
Concen: 2.460 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

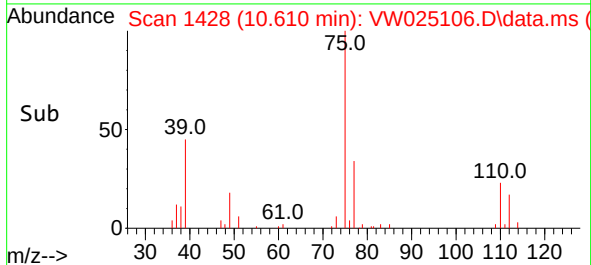
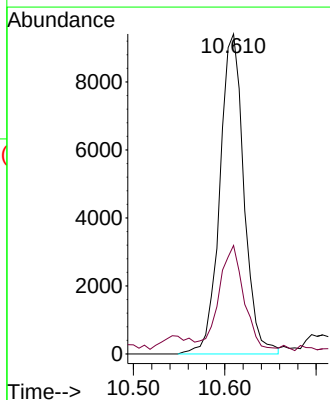
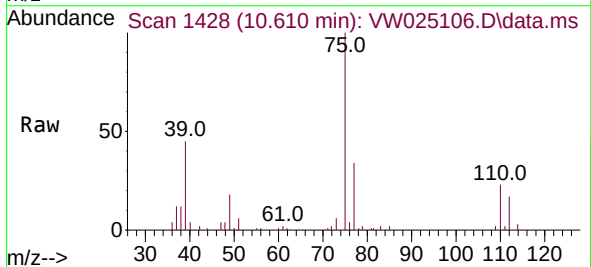
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

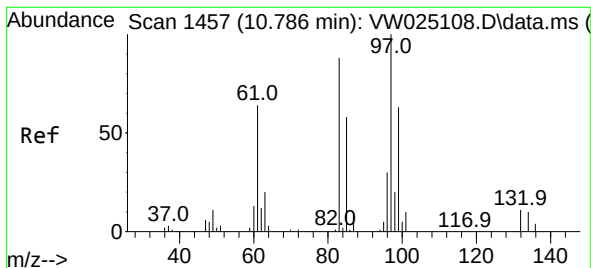
Tgt Ion: 91 Resp: 67519
Ion Ratio Lower Upper
91 100
92 55.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 2.258 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 75 Resp: 17308
Ion Ratio Lower Upper
75 100
77 33.9 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 2.498 ug/L

RT: 10.786 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5467

Tgt Ion: 97 Resp: 10471

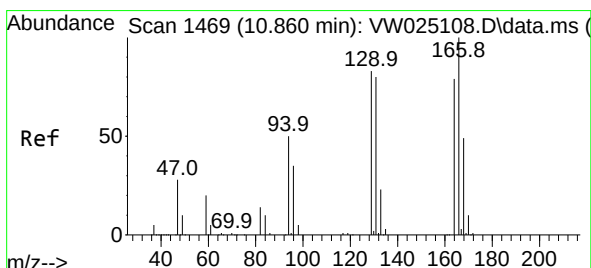
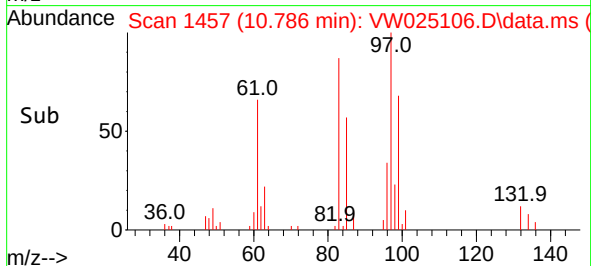
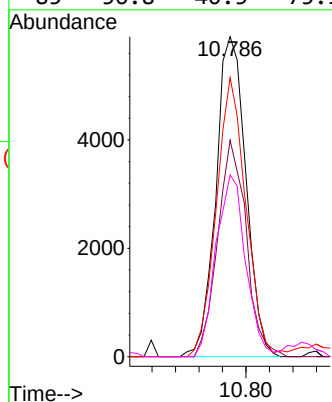
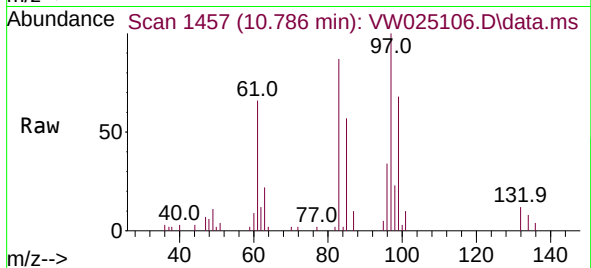
Ion Ratio Lower Upper

97 100

99 67.6 44.3 82.3

83 87.2 61.3 113.9

85 56.8 40.5 75.1



#46

Tetrachloroethene

Concen: 2.643 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Tgt Ion:164 Resp: 13408

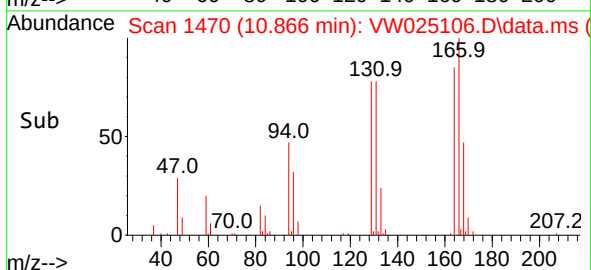
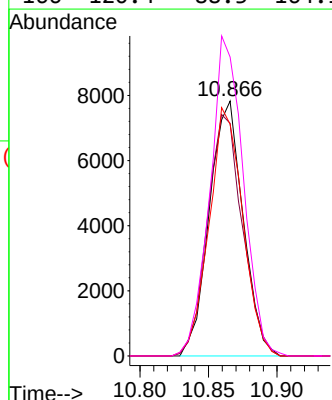
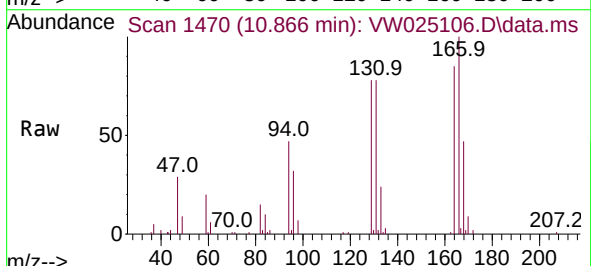
Ion Ratio Lower Upper

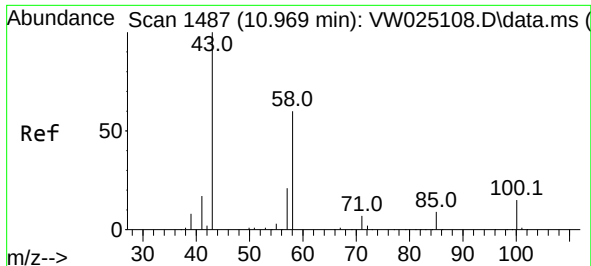
164 100

129 91.3 73.4 136.4

131 90.9 70.8 131.4

166 120.4 88.3 164.1

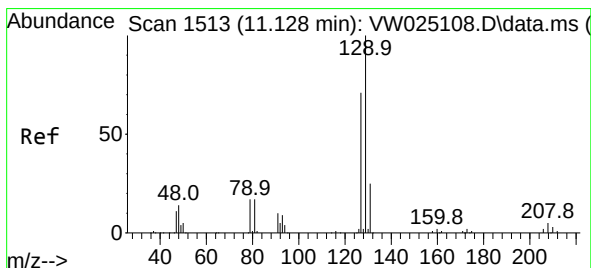
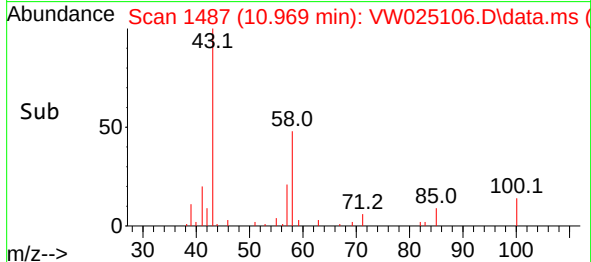
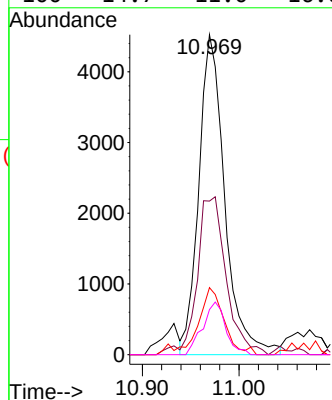
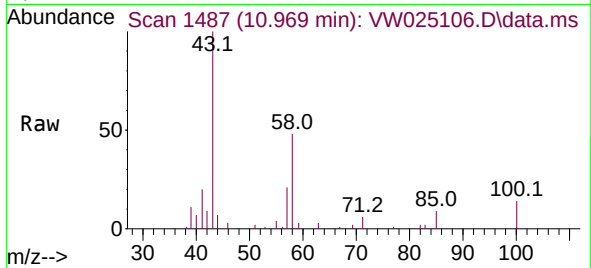




#48
2-Hexanone
Concen: 4.231 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

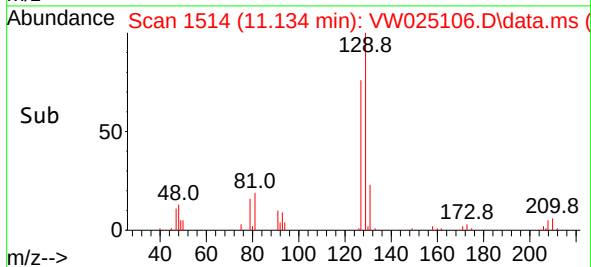
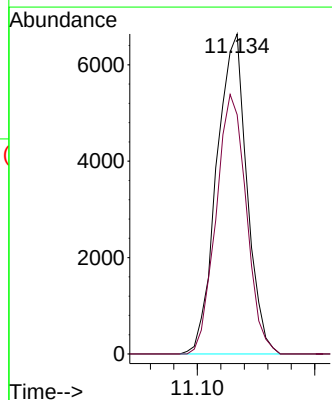
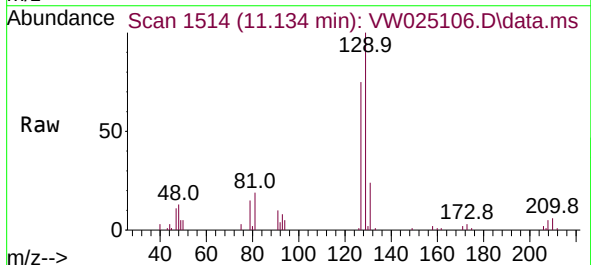
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

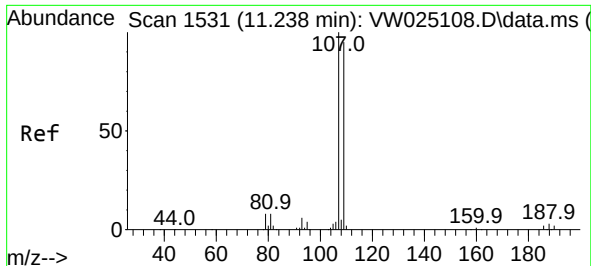
Tgt Ion:	43	Resp:	8456
Ion	Ratio	Lower	Upper
43	100		
58	53.6	46.6	69.8
57	19.8	16.7	25.1
100	14.7	11.0	16.6



#49
Dibromochloromethane
Concen: 2.374 ug/L
RT: 11.134 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion:	129	Resp:	11887
Ion	Ratio	Lower	Upper
129	100		
127	74.8	49.7	92.3

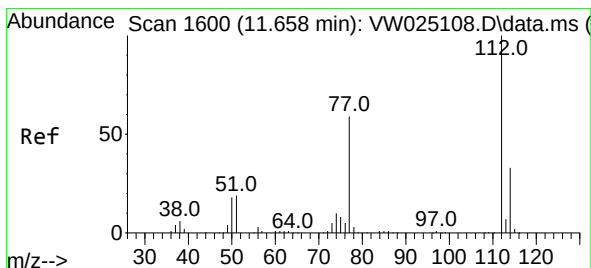
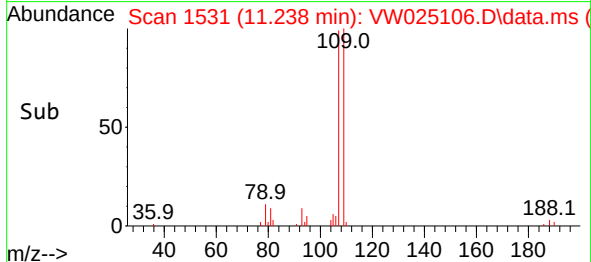
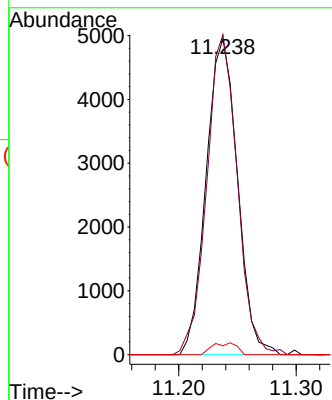
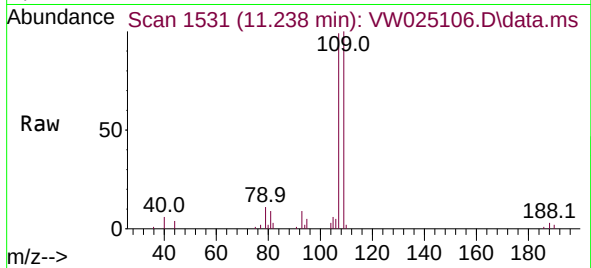




#50
1,2-Dibromoethane
Concen: 2.359 ug/L
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

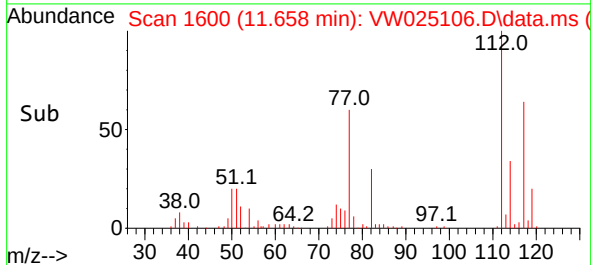
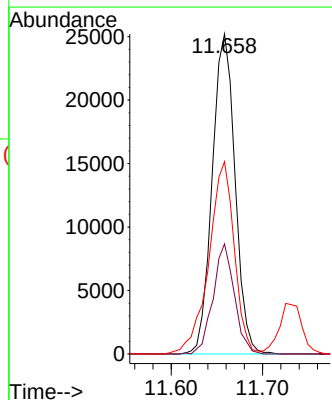
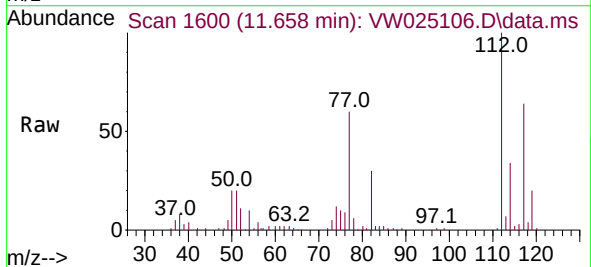
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

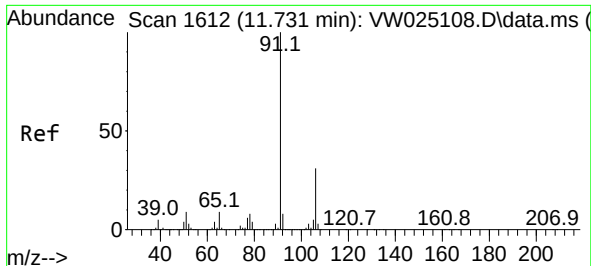
Tgt Ion:107 Resp: 9179
Ion Ratio Lower Upper
107 100
109 101.3 66.8 124.2
188 2.9 2.9 4.3#



#51
Chlorobenzene
Concen: 2.568 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion:112 Resp: 43716
Ion Ratio Lower Upper
112 100
114 34.4 23.2 43.2
77 60.1 47.2 70.8

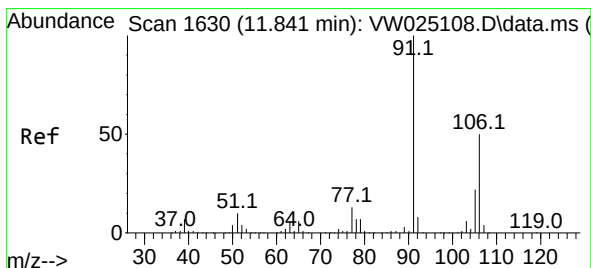
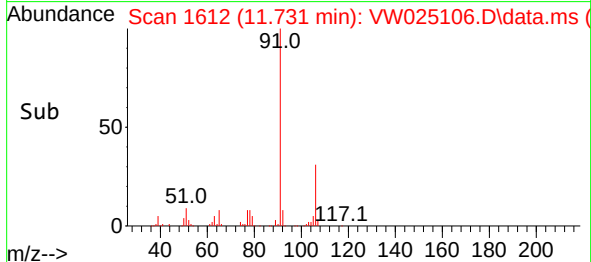
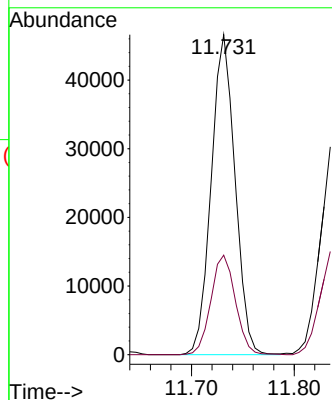
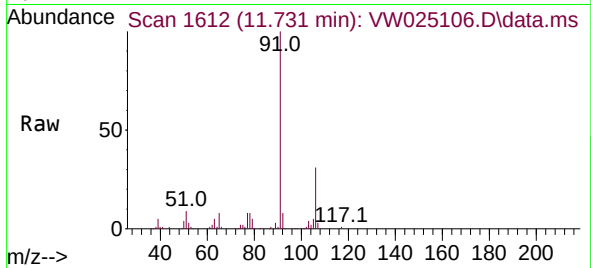




#52
Ethylbenzene
Concen: 2.430 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

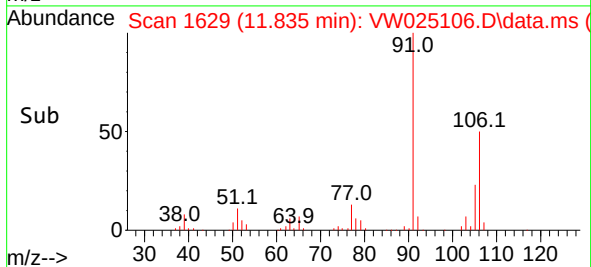
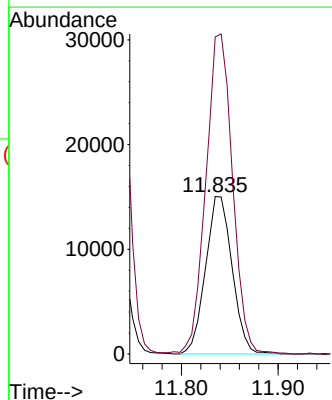
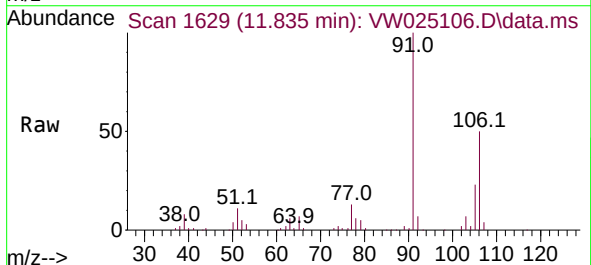
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

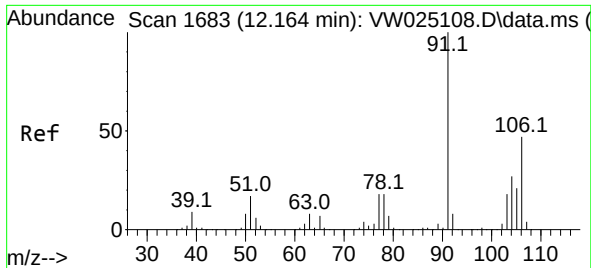
Tgt Ion: 91 Resp: 75029
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-Xylene
Concen: 2.425 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 106 Resp: 28737
Ion Ratio Lower Upper
106 100
91 201.4 139.7 259.4

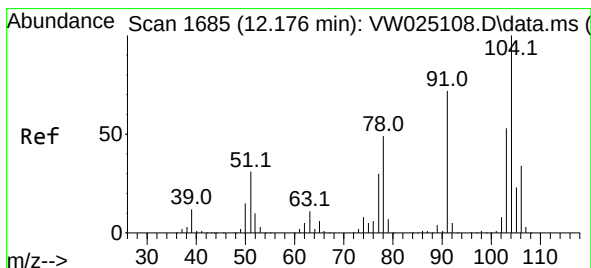
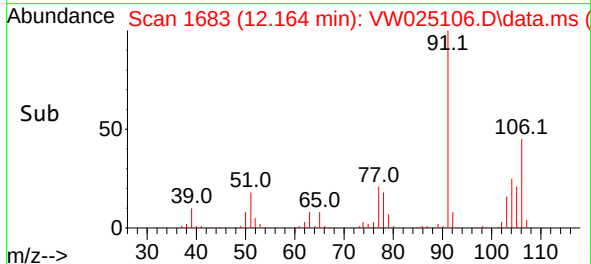
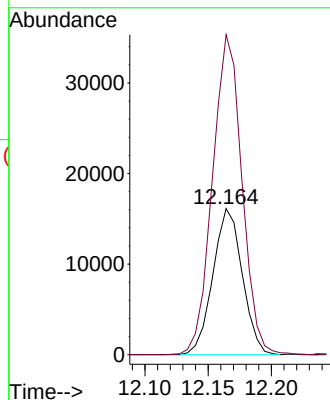
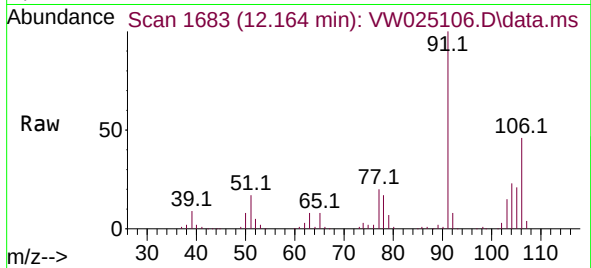




#54
o-Xylene
Concen: 2.353 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

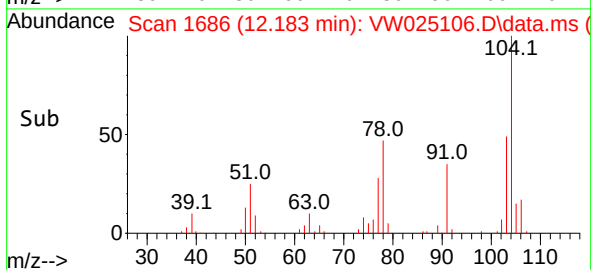
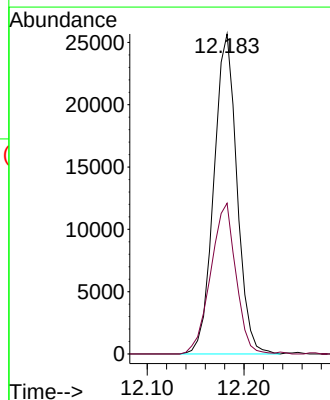
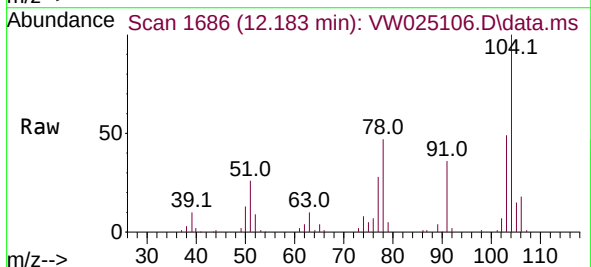
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

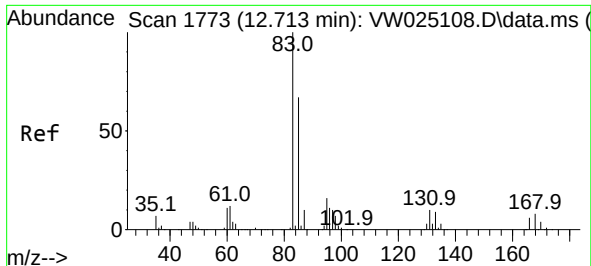
Tgt Ion:106 Resp: 26032
Ion Ratio Lower Upper
106 100
91 219.2 148.8 276.4



#55
Styrene
Concen: 2.295 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion:104 Resp: 42554
Ion Ratio Lower Upper
104 100
78 47.1 34.4 63.8





#57

1,1,2,2-Tetrachloroethane

Concen: 2.388 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5467

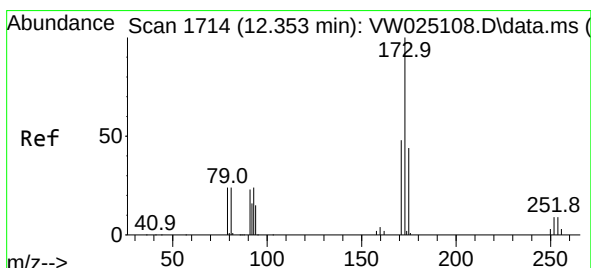
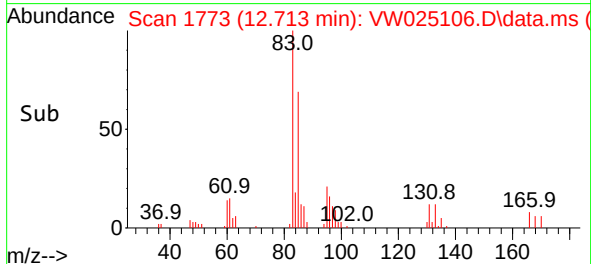
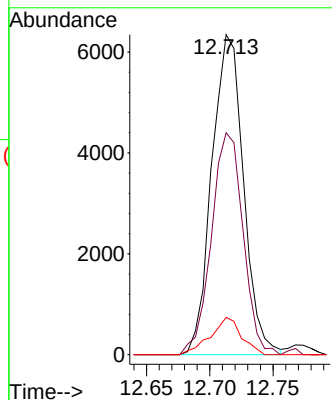
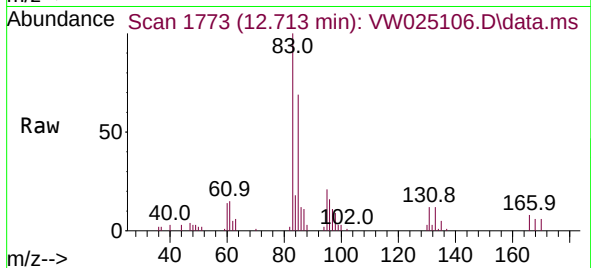
Tgt Ion: 83 Resp: 11048

Ion Ratio Lower Upper

83 100

85 69.3 46.8 87.0

131 11.6 8.2 12.2



#59

Bromoform

Concen: 2.448 ug/L

RT: 12.353 min Scan# 1714

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

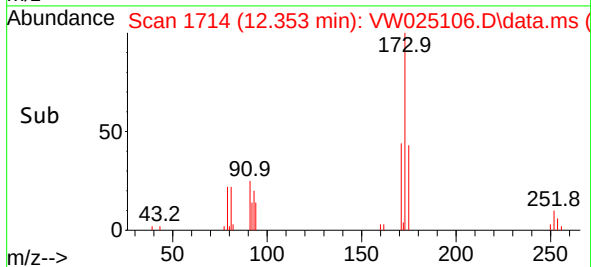
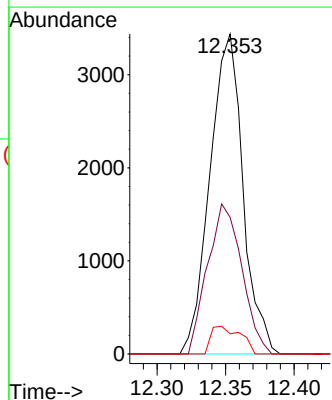
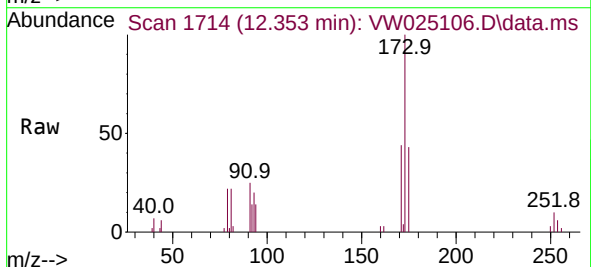
Tgt Ion:173 Resp: 5766

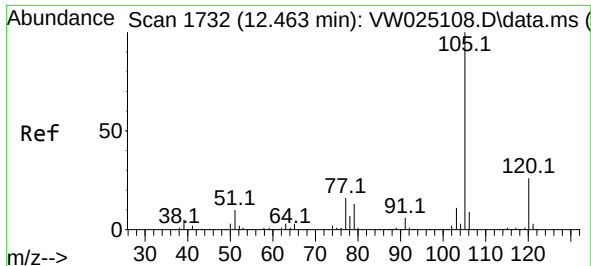
Ion Ratio Lower Upper

173 100

175 48.7 37.4 56.0

254 7.7 6.8 10.2

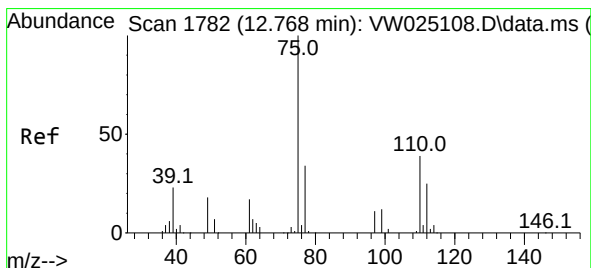
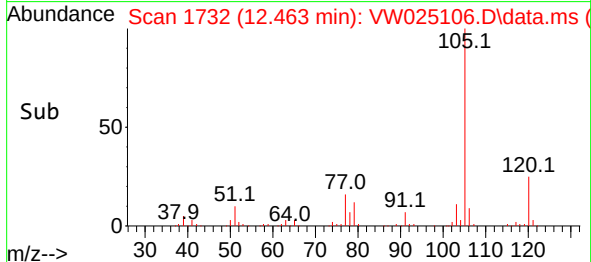
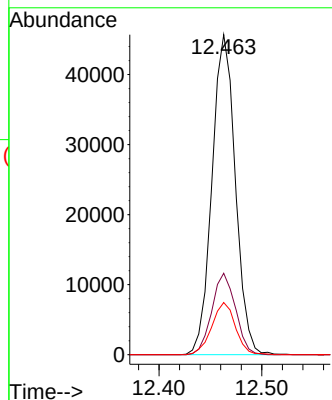
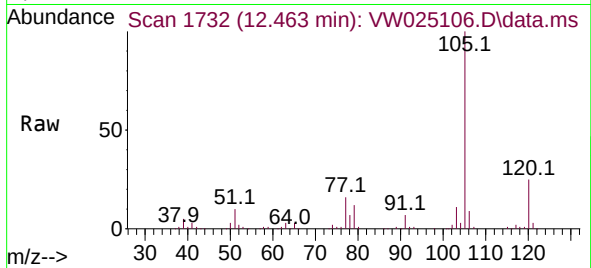




#60
Isopropylbenzene
Concen: 2.424 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

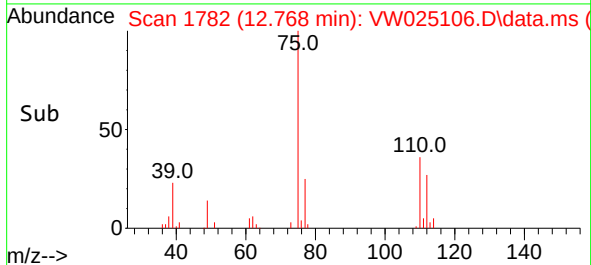
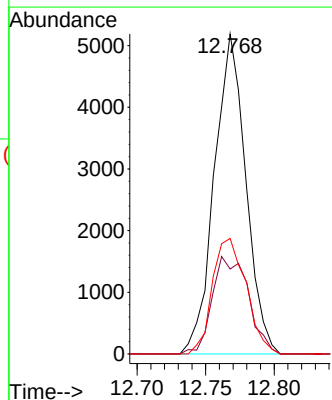
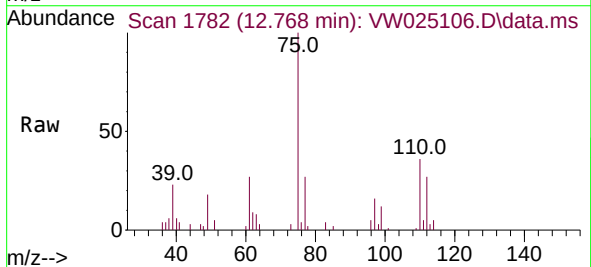
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

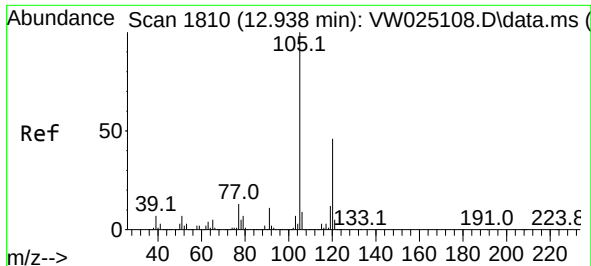
Tgt Ion:105 Resp: 72089
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 2.520 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion: 75 Resp: 8284
Ion Ratio Lower Upper
75 100
77 34.9 26.6 40.0
110 38.8 31.7 47.5

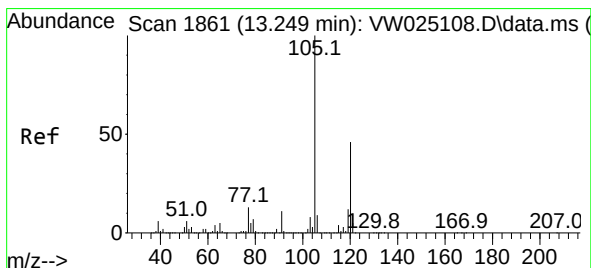
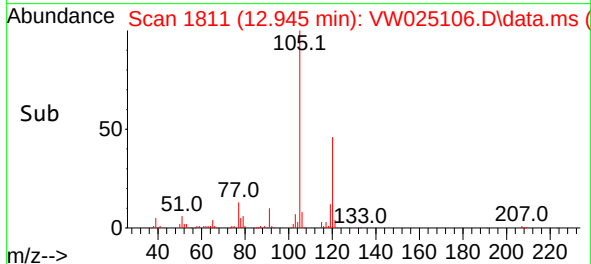
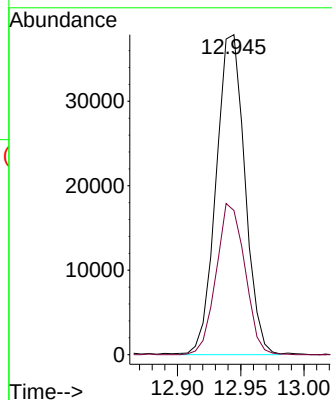
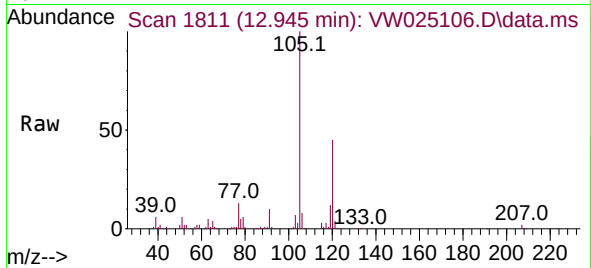




#62
1,3,5-Trimethylbenzene
Concen: 2.357 ug/L
RT: 12.945 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

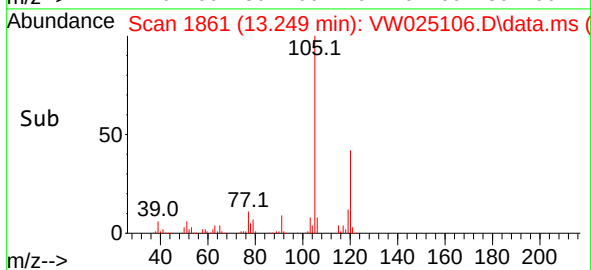
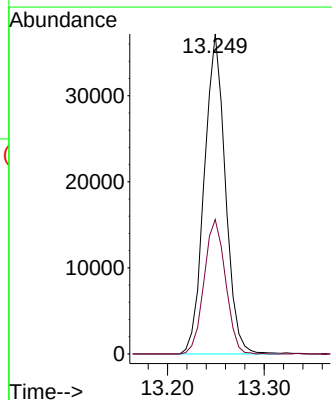
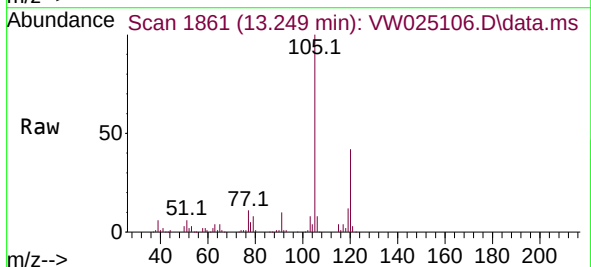
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

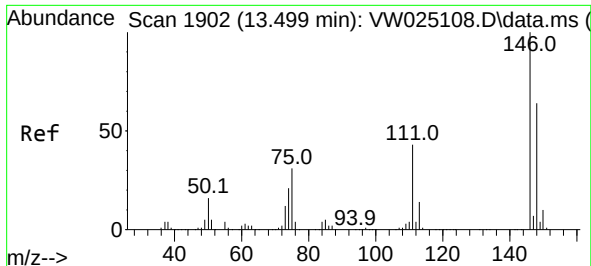
Tgt Ion:105 Resp: 59901
Ion Ratio Lower Upper
105 100
120 47.2 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 2.298 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion:105 Resp: 56317
Ion Ratio Lower Upper
105 100
120 42.6 36.1 54.1

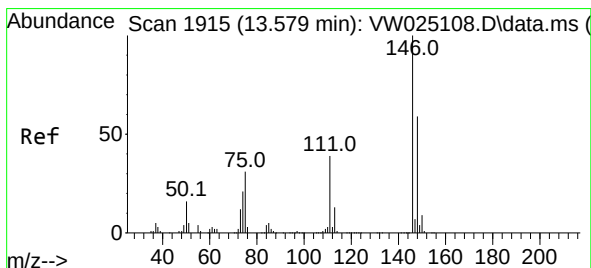
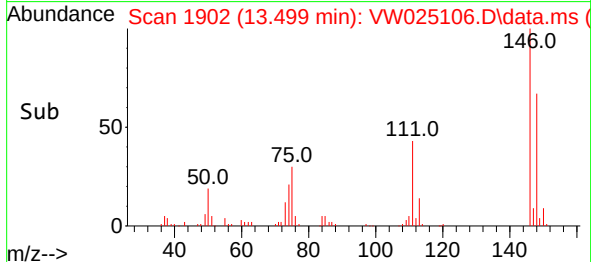
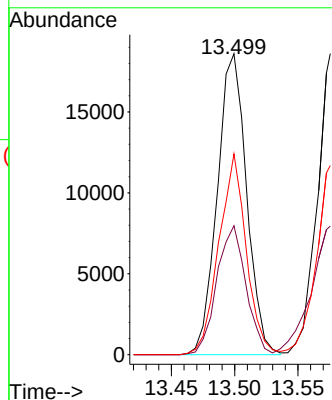
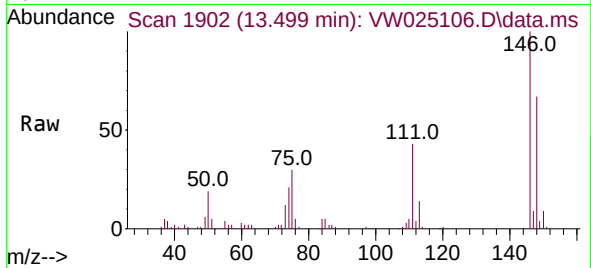




#64
1,3-Dichlorobenzene
Concen: 2.489 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

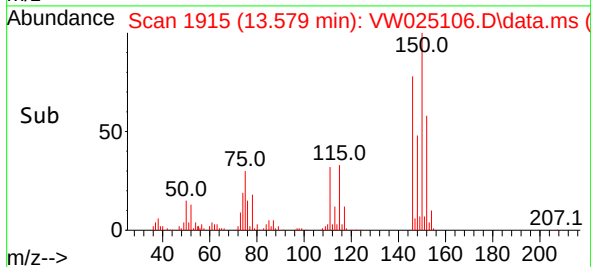
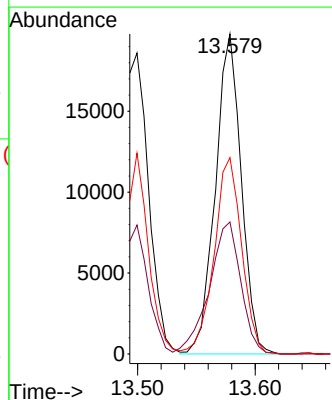
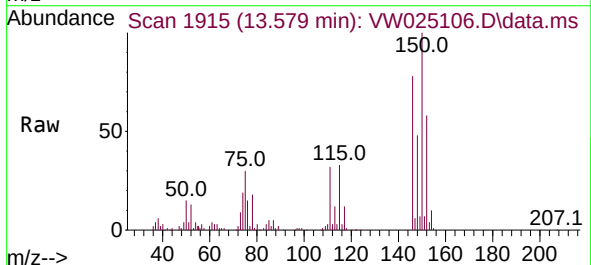
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5467

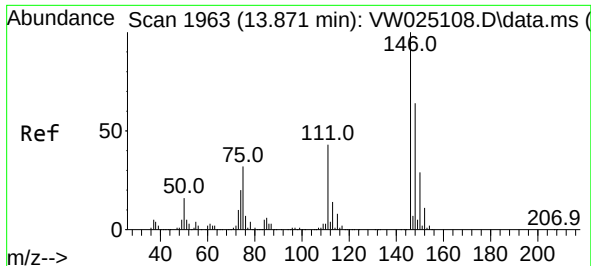
Tgt Ion:146 Resp: 29944
Ion Ratio Lower Upper
146 100
111 42.8 30.2 56.0
148 66.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 2.544 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW025106.D
Acq: 21 Nov 2022 09:05

Tgt Ion:146 Resp: 30334
Ion Ratio Lower Upper
146 100
111 41.2 27.4 51.0
148 61.3 41.6 77.3





#67

1,2-Dichlorobenzene

Concen: 2.472 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5467

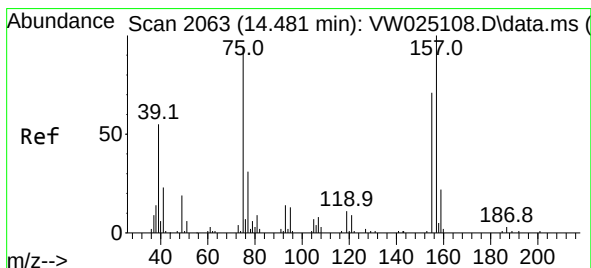
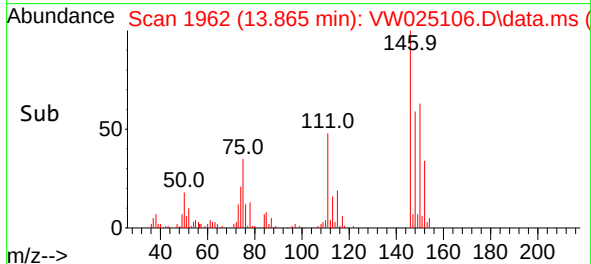
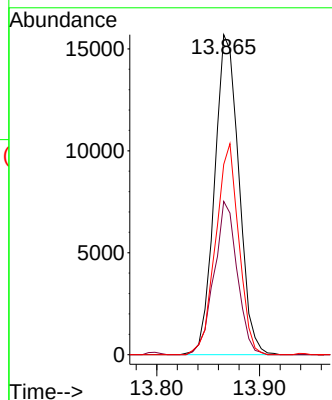
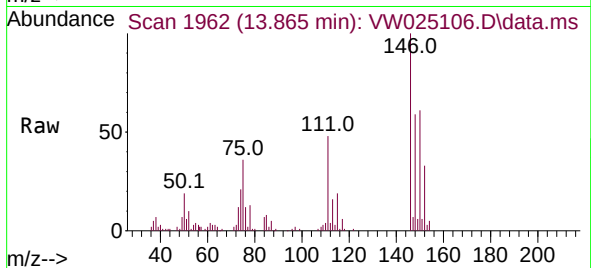
Tgt Ion:146 Resp: 25754

Ion Ratio Lower Upper

146 100

111 47.9 34.3 51.5

148 59.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.284 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

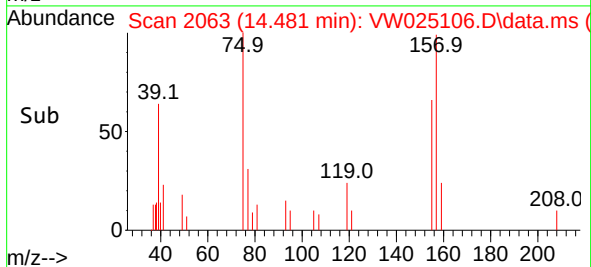
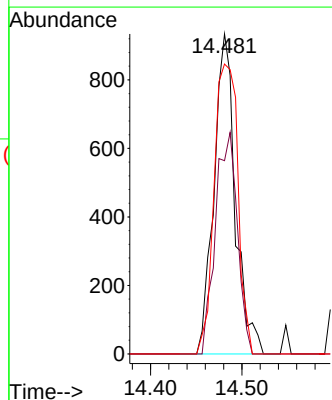
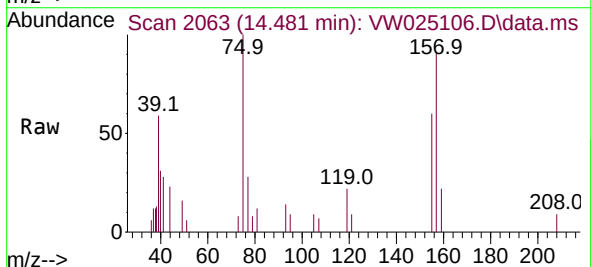
Tgt Ion: 75 Resp: 1508

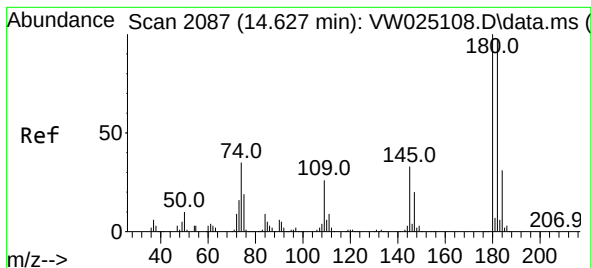
Ion Ratio Lower Upper

75 100

155 60.4 60.3 90.5

157 90.6 84.9 127.3





#69

1,3,5-Trichlorobenzene

Concen: 2.294 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

Lab File: VW025106.D

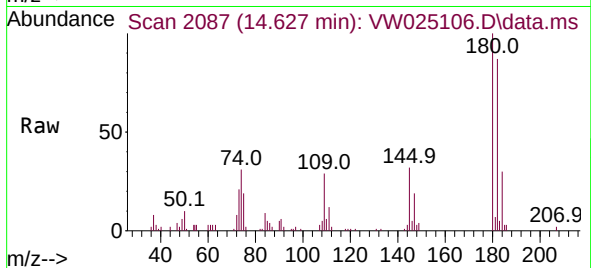
Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5467



Tgt Ion:180 Resp: 17764

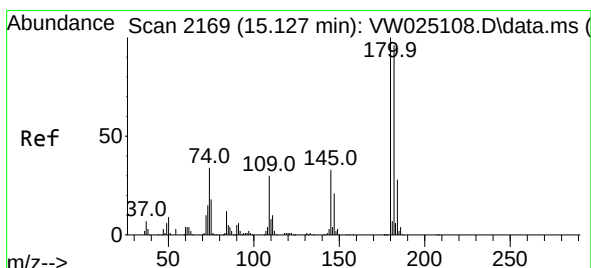
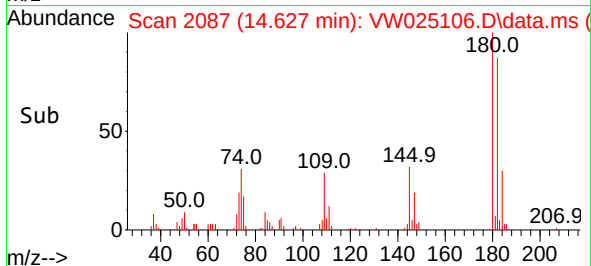
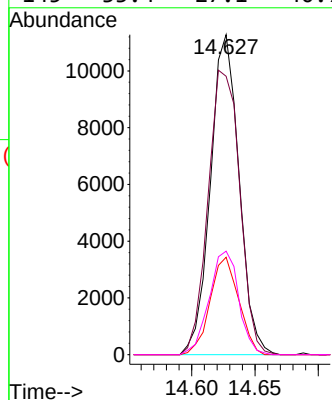
Ion Ratio Lower Upper

180 100

182 97.9 77.8 116.6

184 30.5 24.3 36.5

145 33.4 27.1 40.7



#70

1,2,4-trichlorobenzene

Concen: 2.069 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

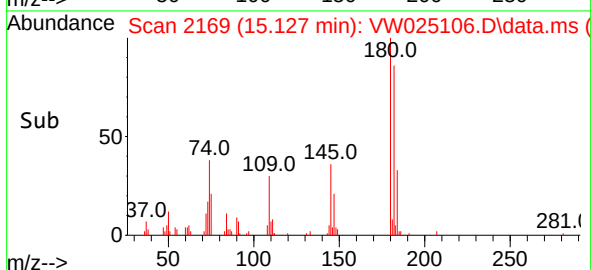
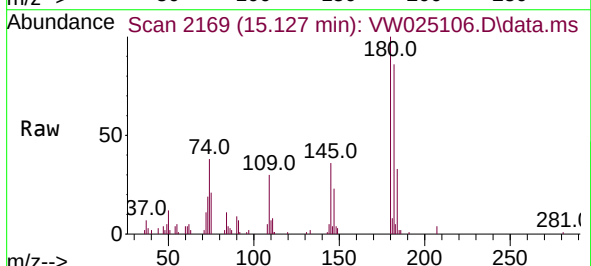
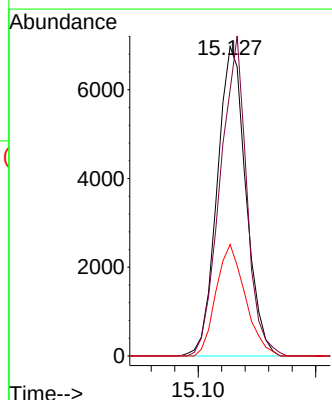
Tgt Ion:180 Resp: 11867

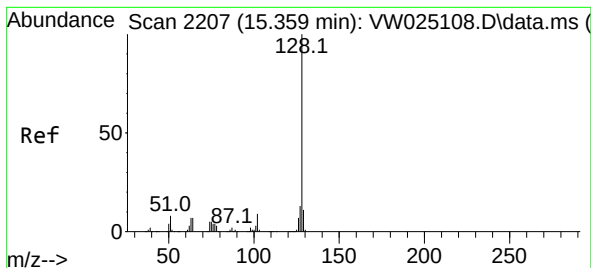
Ion Ratio Lower Upper

180 100

182 94.9 77.2 115.8

145 36.5 26.9 40.3





#71

Naphthalene

Concen: 1.852 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5467

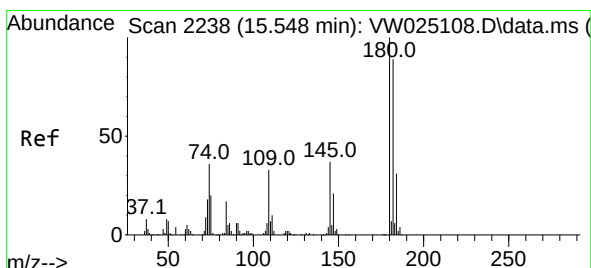
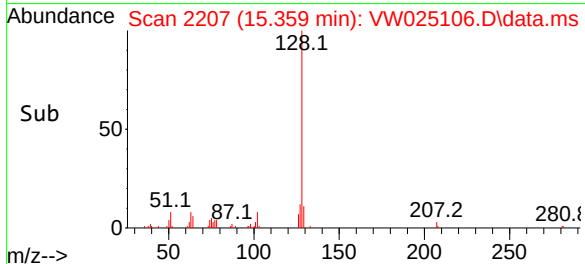
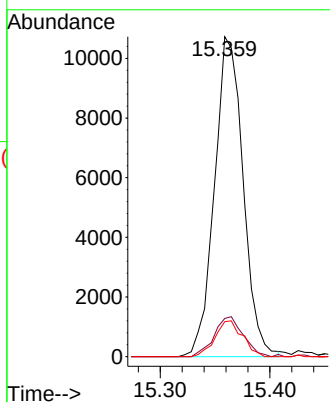
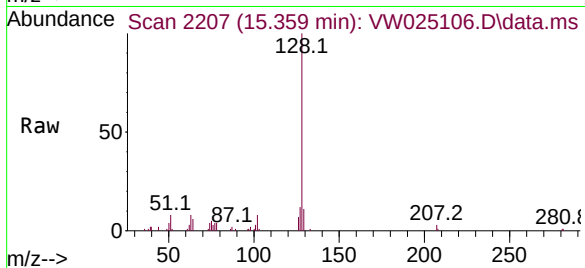
Tgt Ion:128 Resp: 19481

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 2.084 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW025106.D

Acq: 21 Nov 2022 09:05

Tgt Ion:180 Resp: 9972

Ion Ratio Lower Upper

180 100

182 91.7 76.4 114.6

145 35.1 29.6 44.4

