

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120822\
 Data File : VW025124.D
 Acq On : 08 Dec 2022 10:44
 Operator : SY/MD
 Sample : VSTD05076
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050476

Quant Time: Dec 08 11:15:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 23 04:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	426612	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	380453	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	191317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	259025	49.411	ug/L	-0.01
7) Chloroethane-d5	2.879	69	168941	49.304	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.019	63	563105	49.907	ug/L	0.00
21) 2-Butanone-d5	7.073	46	125319	115.045	ug/L	-0.01
24) Chloroform-d	7.652	84	569312	51.712	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	286173	52.633	ug/L	0.00
32) Benzene-d6	8.274	84	1158750	50.521	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	334631	50.453	ug/L	0.00
41) Toluene-d8	10.323	98	1069047	51.329	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	144868	54.131	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	104053	123.512	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	241410	54.792	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	330060	50.607	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	152310	119.766	ug/L	100
3) Chloromethane	2.214	50	228530	48.498	ug/L	97
5) Vinyl chloride	2.355	62	294875	46.188	ug/L	99
6) Bromomethane	2.775	94	146146	47.093	ug/L	94
8) Chloroethane	2.915	64	137384	46.704	ug/L	97
9) Trichlorofluoromethane	3.257	101	220591	45.800	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	288361	49.992	ug/L	98
12) 1,1-Dichloroethene	4.037	96	279524	49.641	ug/L	99
13) Acetone	4.116	43	124417	106.596	ug/L	100
14) Carbon disulfide	4.385	76	876563	46.424	ug/L	100
15) Methyl Acetate	4.665	43	105445	55.385	ug/L	99
16) Methylene chloride	4.915	84	283802	37.453	ug/L	96
17) trans-1,2-Dichloroethene	5.421	96	297716	49.771	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	442812	55.854	ug/L	99
19) 1,1-Dichloroethane	6.214	63	530088	50.292	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	315544	50.930	ug/L	95
22) 2-Butanone	7.171	43	161707	109.977	ug/L	97
23) Bromochloromethane	7.512	128	133339	53.069	ug/L	96
25) Chloroform	7.677	83	539716	51.166	ug/L	99
27) 1,2-Dichloroethane	8.396	62	336941	52.916	ug/L	99
29) Cyclohexane	7.951	56	511801	48.874	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	465375	50.300	ug/L	100
31) Carbon tetrachloride	8.067	117	421634	50.220	ug/L	100
33) Benzene	8.323	78	1211154	49.343	ug/L	100
34) Trichloroethene	9.091	95	319770	49.705	ug/L	98
35) Methylcyclohexane	9.335	83	572454	49.187	ug/L	100
37) 1,2-Dichloropropane	9.366	63	293654	49.724	ug/L	99
38) Bromodichloromethane	9.646	83	388088	51.443	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	473740	53.526	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	308106	118.095	ug/L	100
42) Toluene	10.384	91	1280885	49.491	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	396837	54.892	ug/L	98

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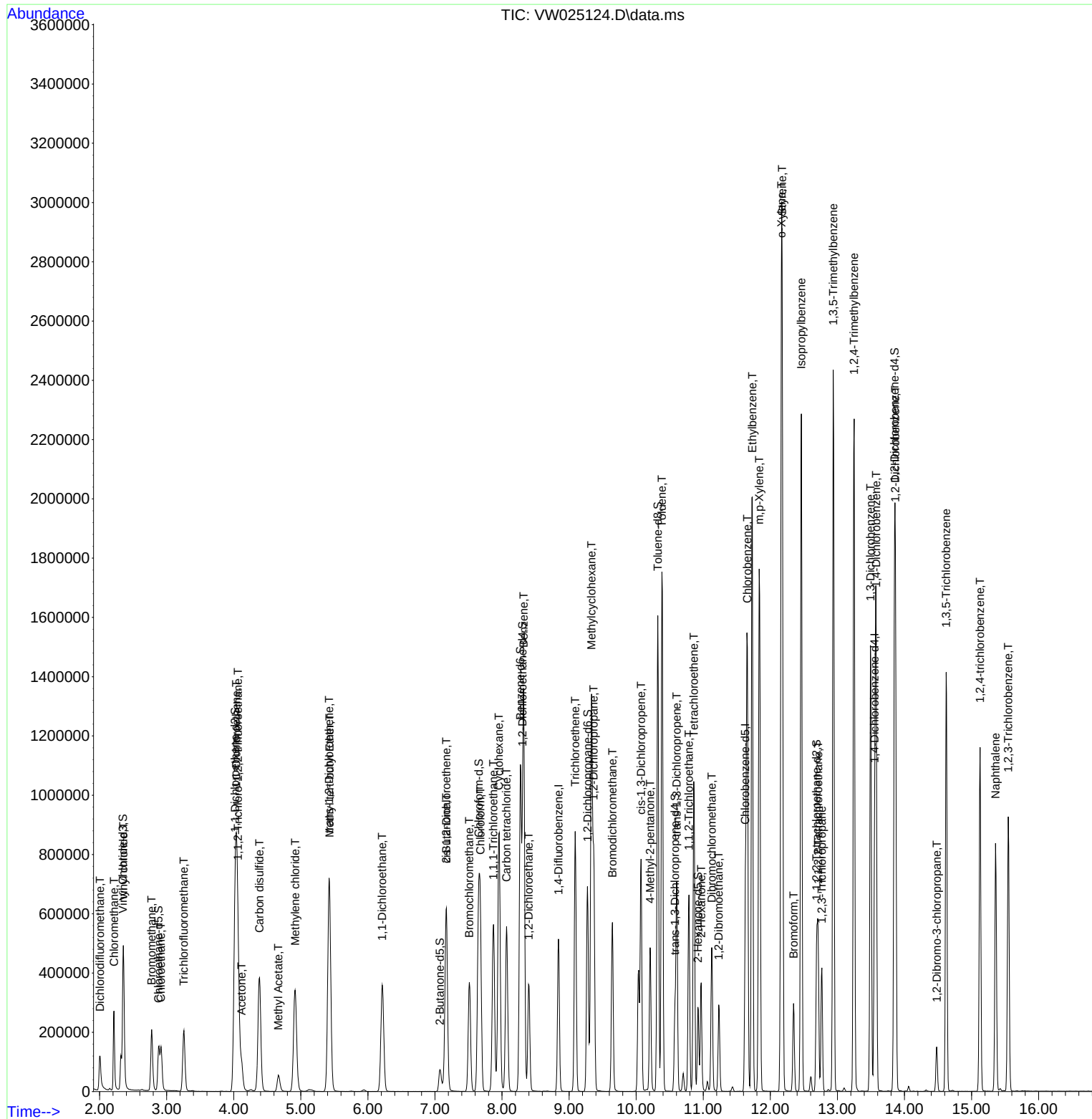
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	206273	52.184	ug/L	96
46) Tetrachloroethene	10.859	164	231734	48.427	ug/L	95
48) 2-Hexanone	10.969	43	226749	120.308	ug/L	99
49) Dibromochloromethane	11.127	129	254016	53.787	ug/L	86
50) 1,2-Dibromoethane	11.231	107	193257	52.659	ug/L #	98
51) Chlorobenzene	11.658	112	812281	50.595	ug/L	99
52) Ethylbenzene	11.731	91	1468175	50.408	ug/L	99
53) m,p-Xylene	11.835	106	563673	50.442	ug/L	91
54) o-Xylene	12.164	106	540284	51.774	ug/L	97
55) Styrene	12.176	104	923519	52.799	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.712	83	245103	56.165	ug/L	95
59) Bromoform	12.347	173	131806	53.755	ug/L	97
60) Isopropylbenzene	12.463	105	1478270	47.754	ug/L	100
61) 1,2,3-Trichloropropane	12.767	75	177453	51.849	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	1286030	48.614	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	1259984	49.392	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	600437	47.937	ug/L	97
65) 1,4-Dichlorobenzene	13.578	146	611007	49.218	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	537546	49.568	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.480	75	41630	60.572	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	409677	50.822	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	342124	57.289	ug/L	98
71) Naphthalene	15.358	128	700609	63.992	ug/L	99
72) 1,2,3-Trichlorobenzene	15.547	180	297652	59.765	ug/L	97

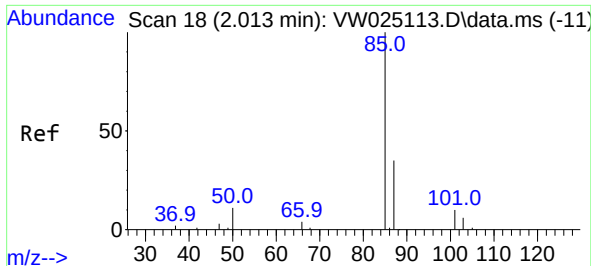
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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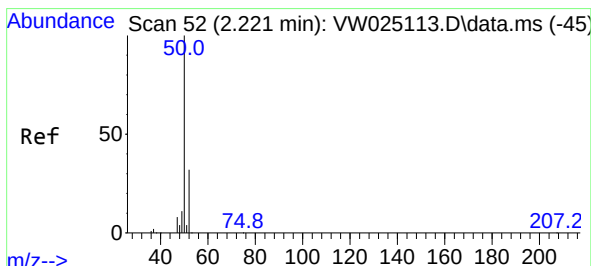
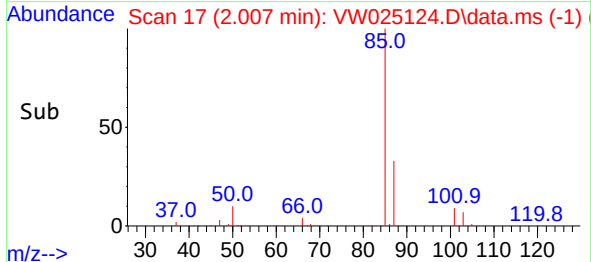
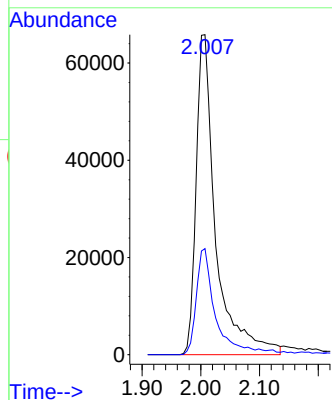
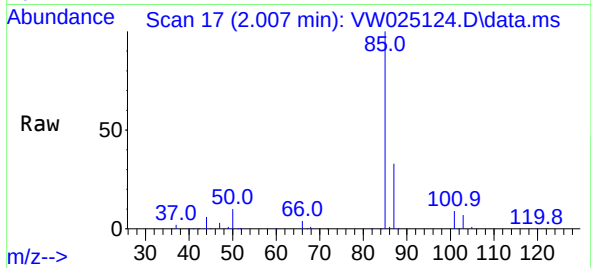




#2
Dichlorodifluoromethane
Concen: 119.766 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

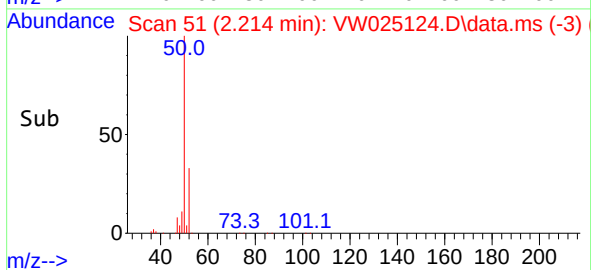
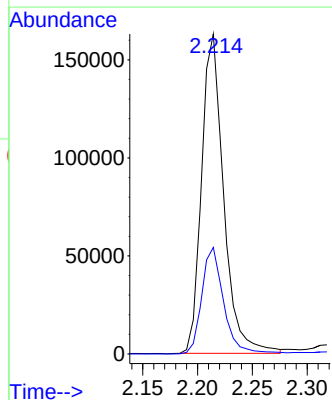
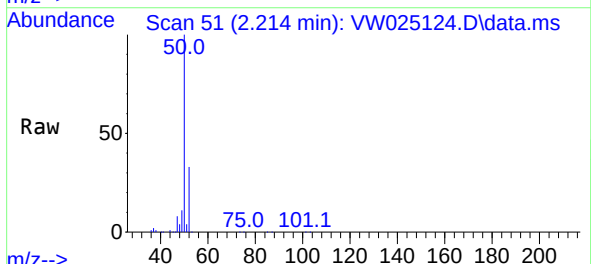
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

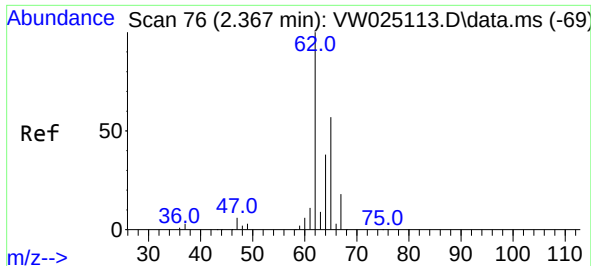
Tgt Ion: 85 Resp: 152310
Ion Ratio Lower Upper
85 100
87 31.5 25.0 37.6



#3
Chloromethane
Concen: 48.498 ug/L
RT: 2.214 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 50 Resp: 228530
Ion Ratio Lower Upper
50 100
52 33.3 22.1 41.1

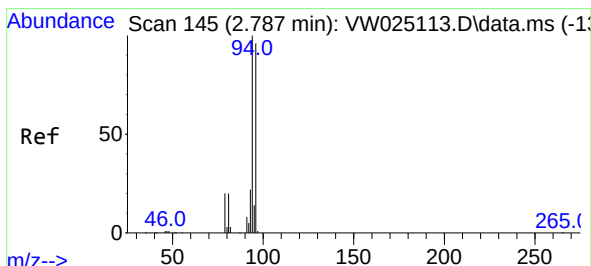
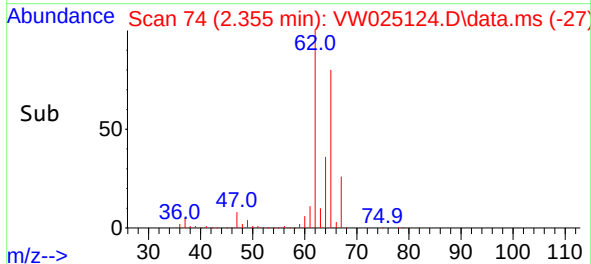
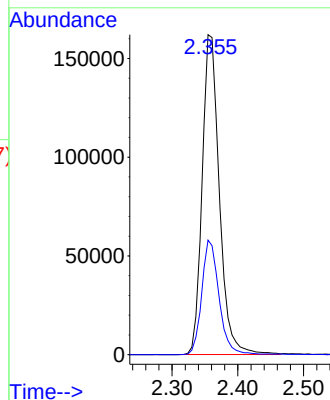
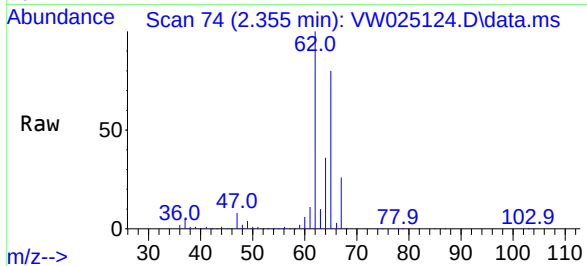




#5
 Vinyl chloride
 Concen: 46.188 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: VW025124.D
 Acq: 08 Dec 2022 10:44

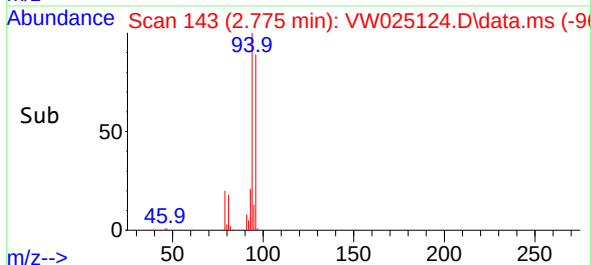
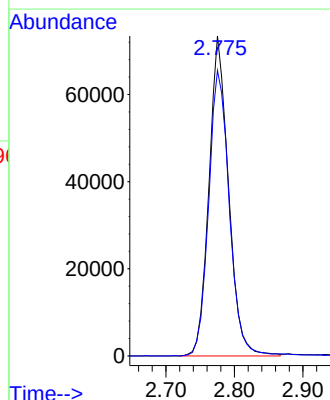
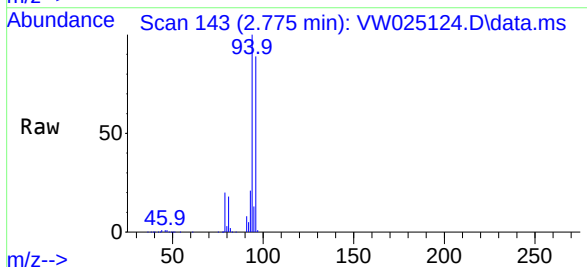
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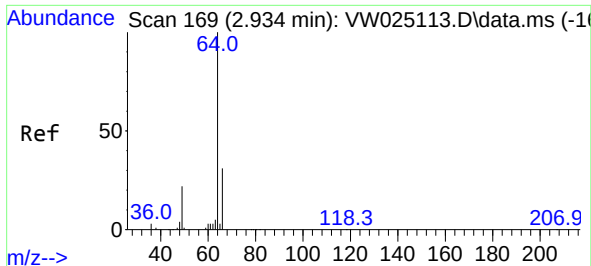
Tgt Ion: 62 Resp: 294875
 Ion Ratio Lower Upper
 62 100
 64 35.8 24.8 46.1



#6
 Bromomethane
 Concen: 47.093 ug/L
 RT: 2.775 min Scan# 143
 Delta R.T. -0.012 min
 Lab File: VW025124.D
 Acq: 08 Dec 2022 10:44

Tgt Ion: 94 Resp: 146146
 Ion Ratio Lower Upper
 94 100
 96 89.2 66.7 123.9

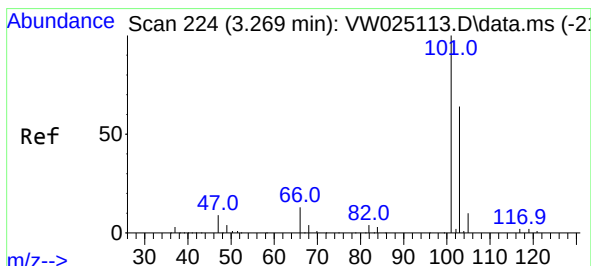
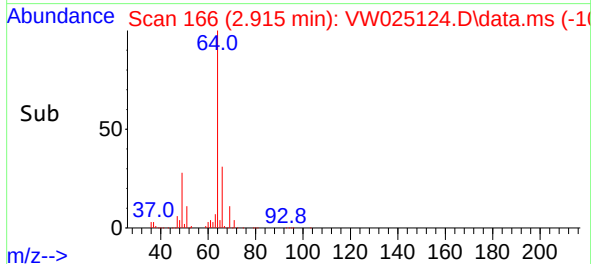
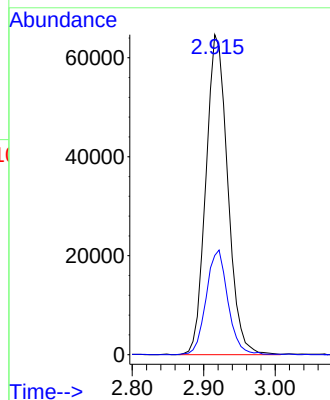
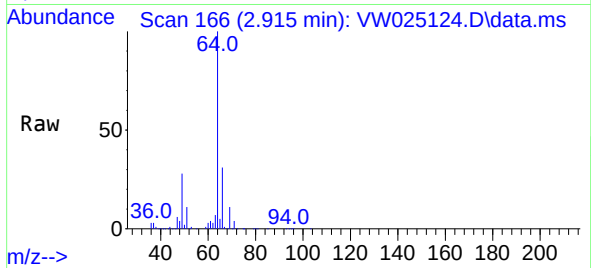




#8
Chloroethane
Concen: 46.704 ug/L
RT: 2.915 min Scan# 166
Delta R.T. -0.018 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

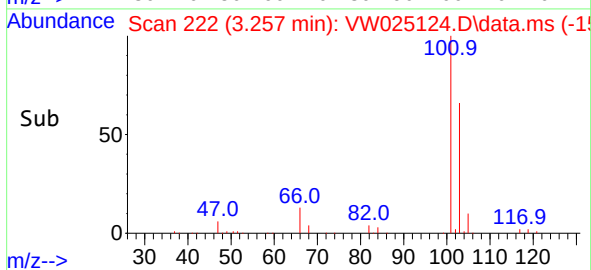
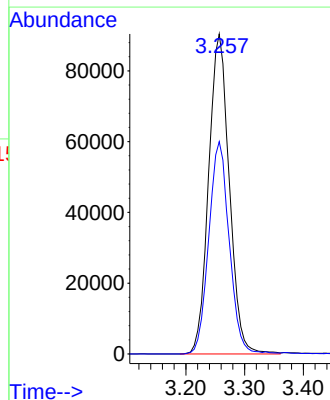
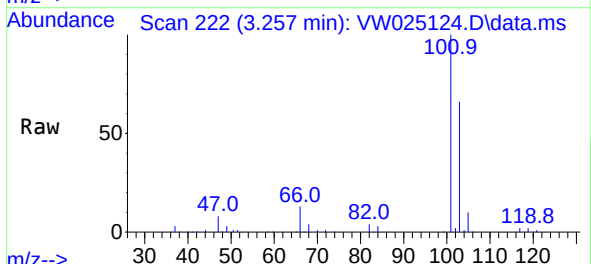
Instrument :
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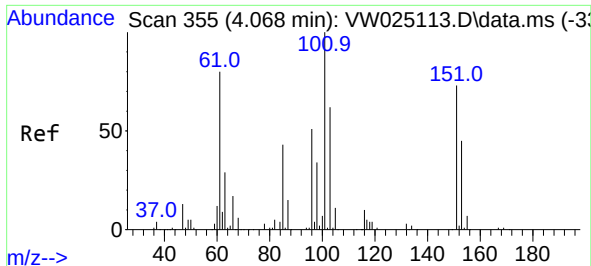
Tgt Ion: 64 Resp: 137384
Ion Ratio Lower Upper
64 100
66 31.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 45.800 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.012 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion:101 Resp: 220591
Ion Ratio Lower Upper
101 100
103 65.5 50.9 76.3

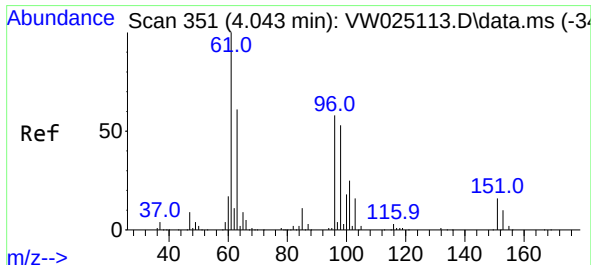
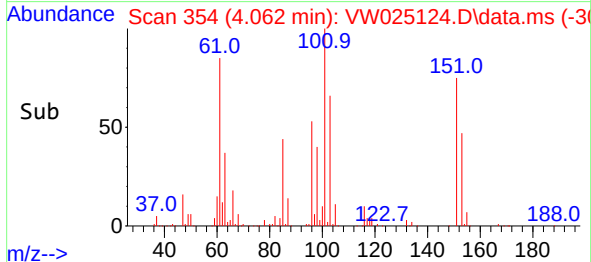
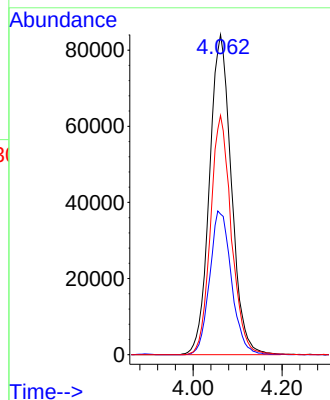
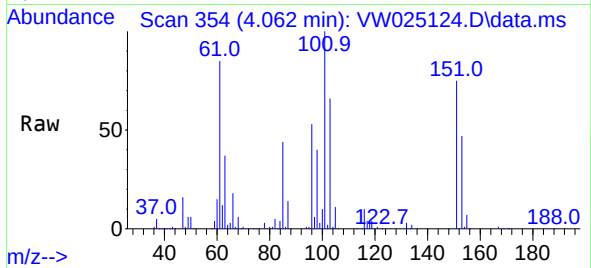




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.992 ug/L
RT: 4.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

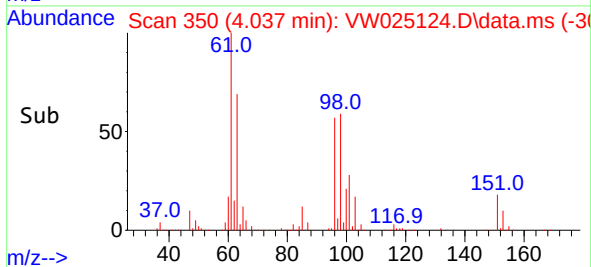
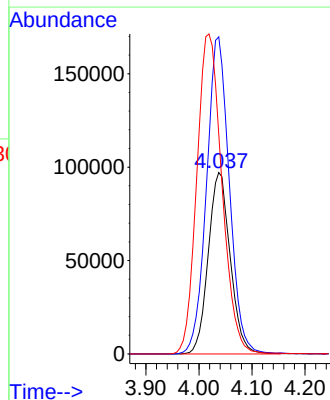
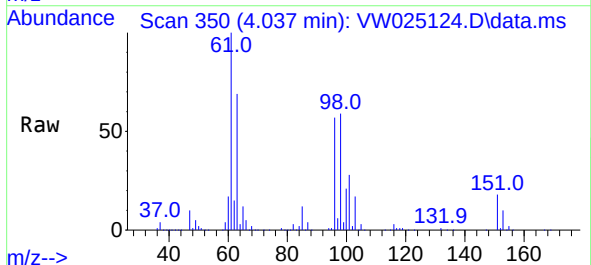
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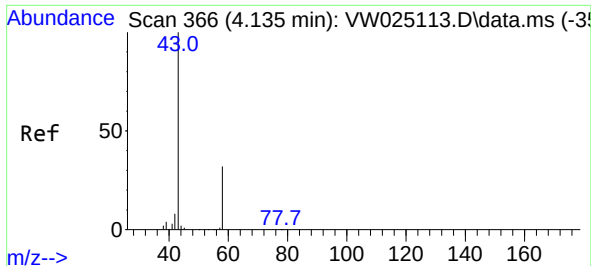
Tgt Ion:101 Resp: 288361
Ion Ratio Lower Upper
101 100
85 44.6 34.6 52.0
151 71.0 57.7 86.5



#12
1,1-Dichloroethene
Concen: 49.641 ug/L
RT: 4.037 min Scan# 350
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 96 Resp: 279524
Ion Ratio Lower Upper
96 100
61 174.7 120.8 224.4
63 121.1 84.1 156.1

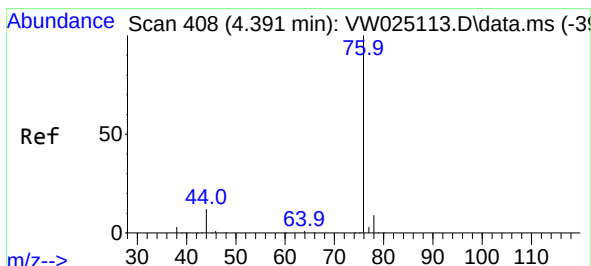
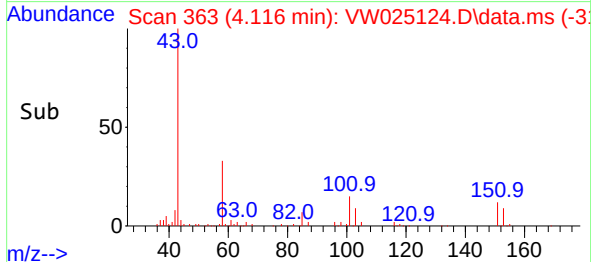
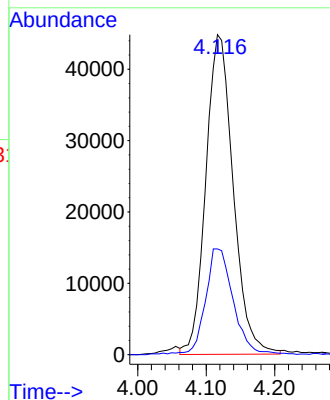
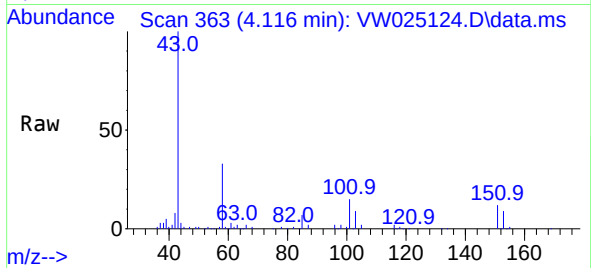




#13
Acetone
Concen: 106.596 ug/L
RT: 4.116 min Scan# 307
Delta R.T. -0.018 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

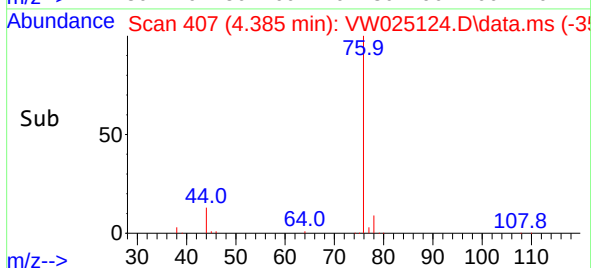
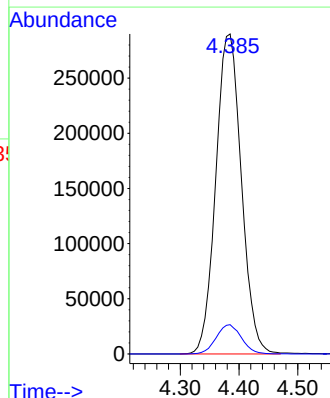
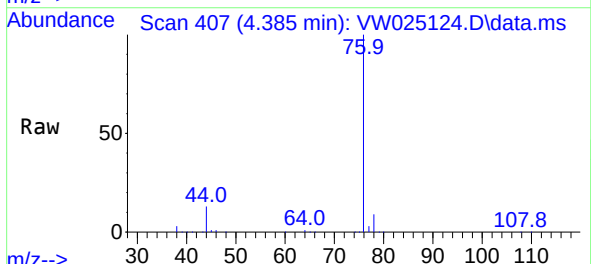
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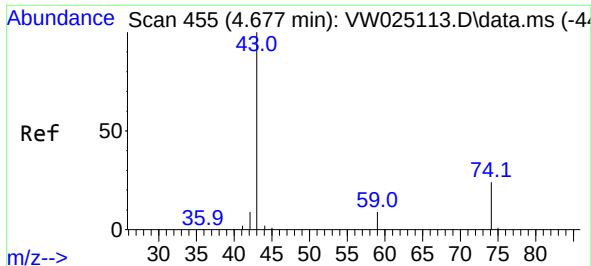
Tgt Ion: 43 Resp: 124417
Ion Ratio Lower Upper
43 100
58 32.4 0.0 65.2



#14
Carbon disulfide
Concen: 46.424 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 76 Resp: 876563
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

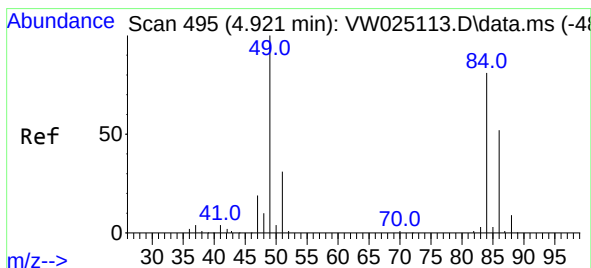
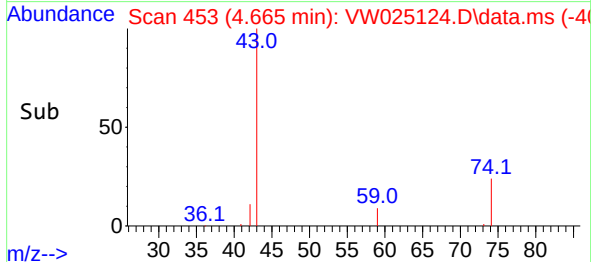
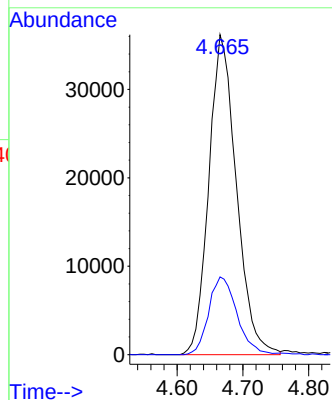
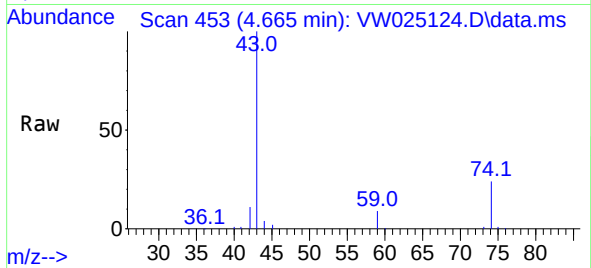




#15
Methyl Acetate
Concen: 55.385 ug/L
RT: 4.665 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

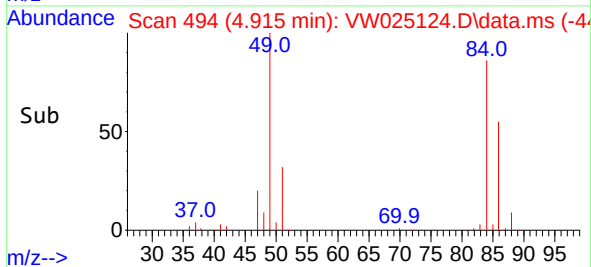
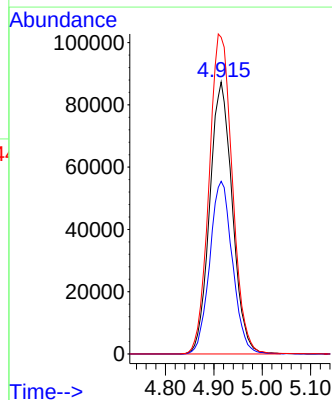
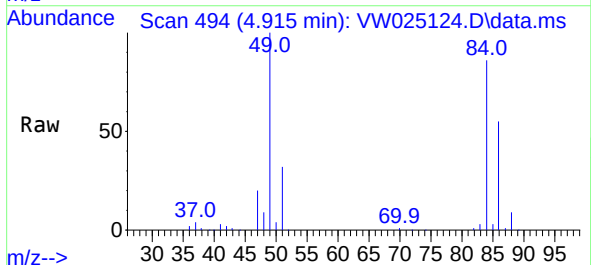
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

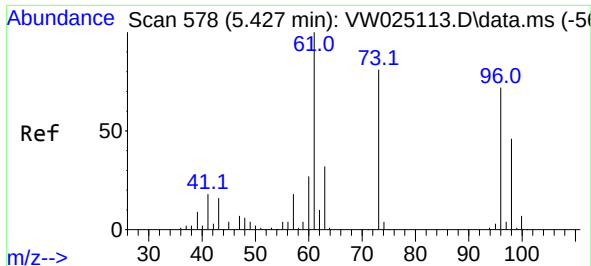
Tgt Ion: 43 Resp: 105445
Ion Ratio Lower Upper
43 100
74 24.9 19.5 29.3



#16
Methylene chloride
Concen: 37.453 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 84 Resp: 283802
Ion Ratio Lower Upper
84 100
86 63.5 45.0 83.6
49 116.4 86.3 160.3

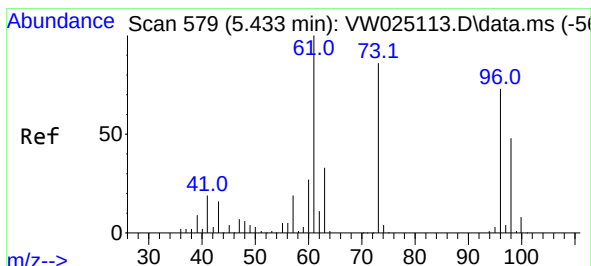
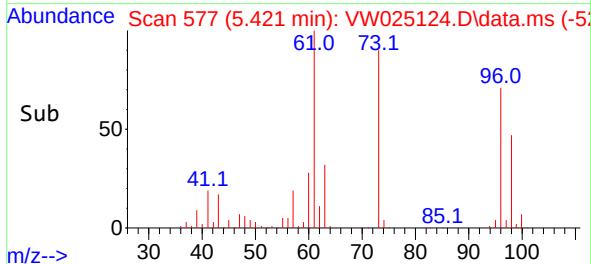
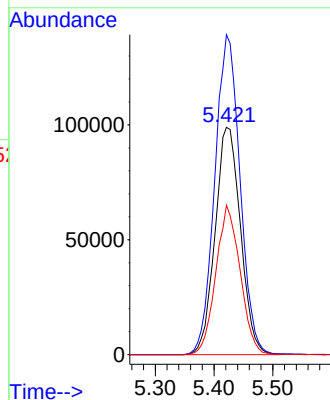
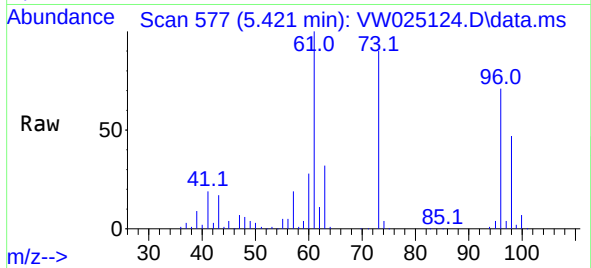




#17
trans-1,2-Dichloroethene
Concen: 49.771 ug/L
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

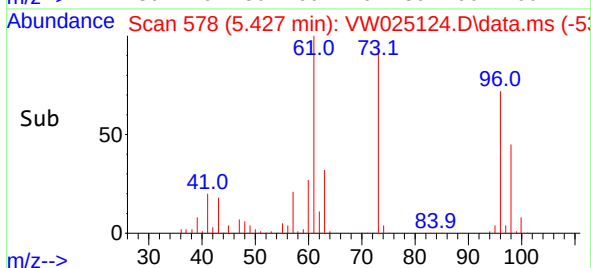
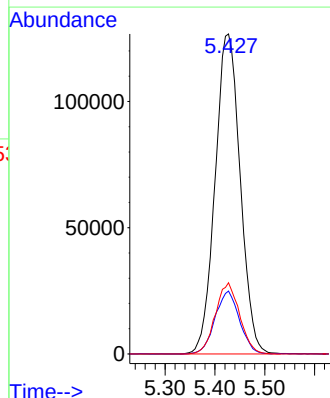
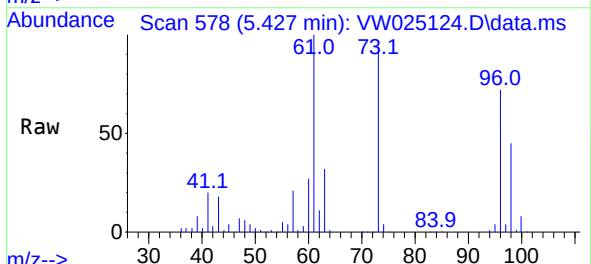
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

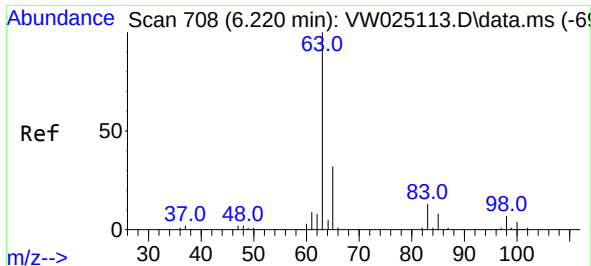
Tgt Ion: 96 Resp: 297716
Ion Ratio Lower Upper
96 100
61 140.7 95.5 177.3
98 65.7 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 55.854 ug/L
RT: 5.427 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 73 Resp: 442812
Ion Ratio Lower Upper
73 100
43 19.2 15.6 23.4
57 21.5 17.5 26.3





#19

1,1-Dichloroethane

Concen: 50.292 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD050476

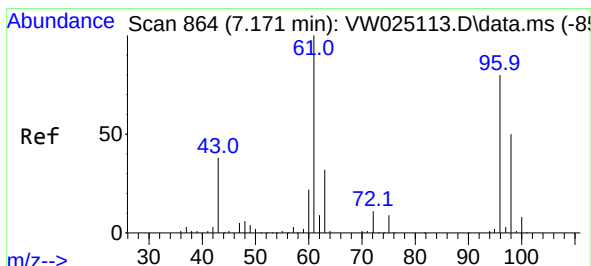
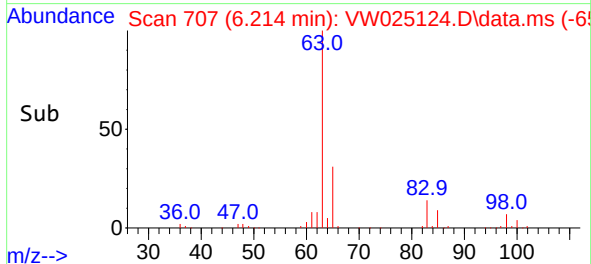
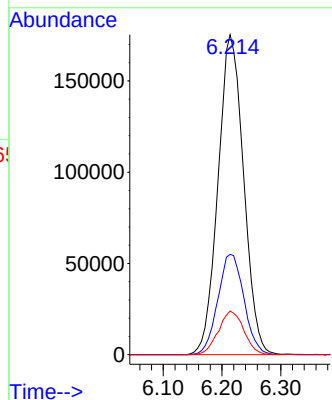
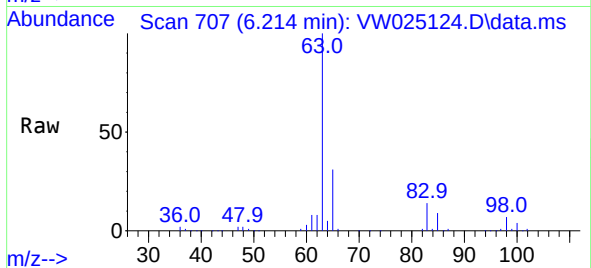
Tgt Ion: 63 Resp: 530088

Ion Ratio Lower Upper

63 100

65 31.3 22.2 41.2

83 13.6 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 50.930 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

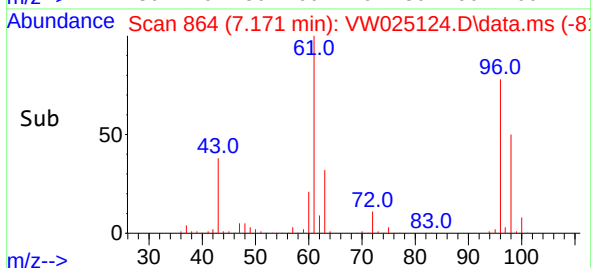
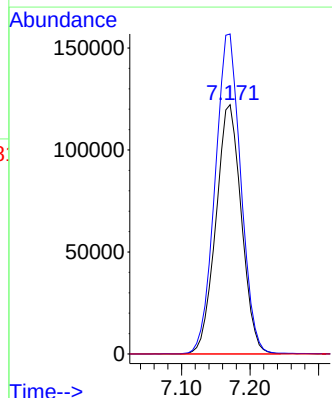
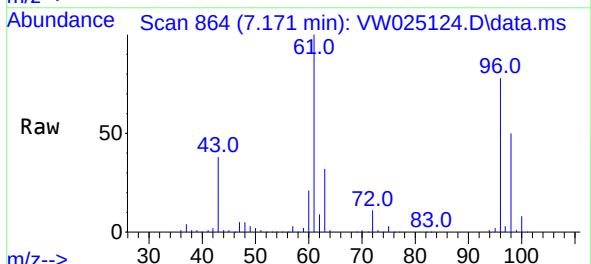
Tgt Ion: 96 Resp: 315544

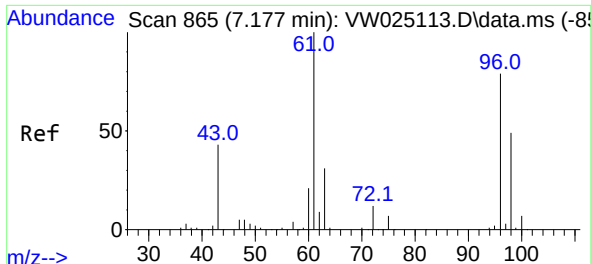
Ion Ratio Lower Upper

96 100

61 128.4 93.7 173.9

68 0.0 0.0 0.0

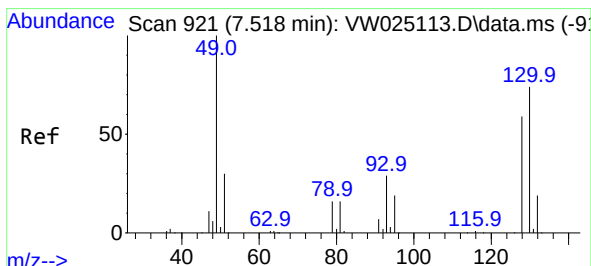
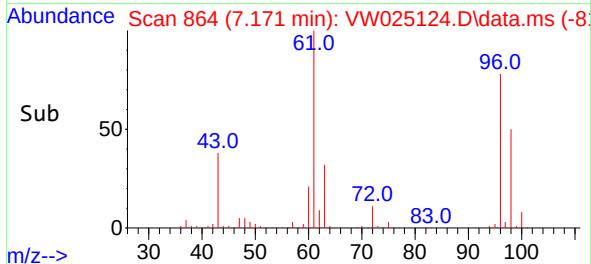
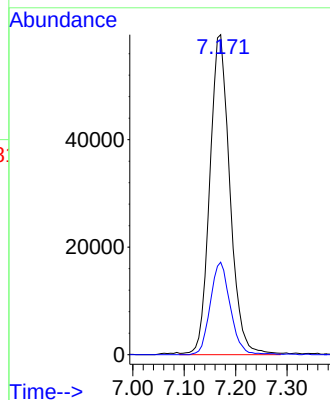
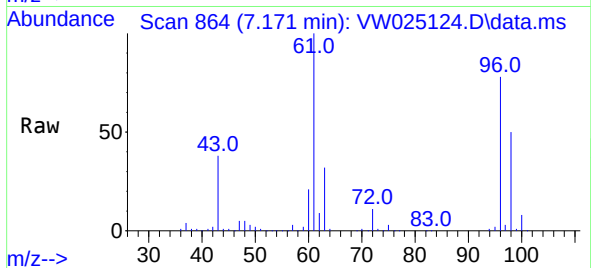




#22
2-Butanone
Concen: 109.977 ug/L
RT: 7.171 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

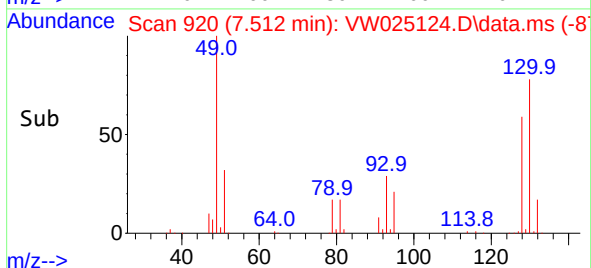
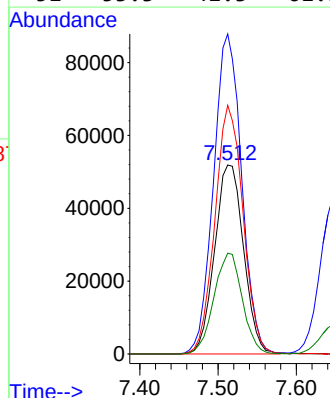
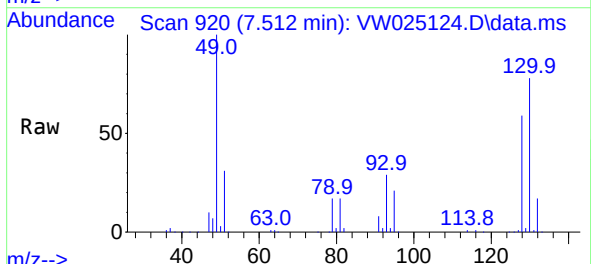
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

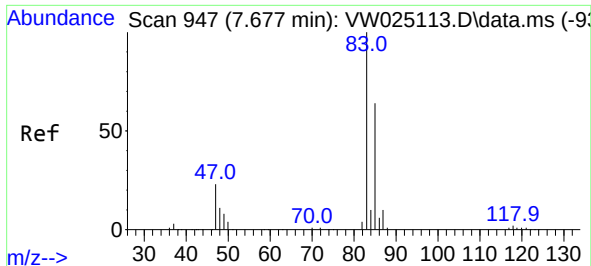
Tgt Ion: 43 Resp: 161707
Ion Ratio Lower Upper
43 100
72 28.6 15.0 45.0



#23
Bromochloromethane
Concen: 53.069 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 128 Resp: 133339
Ion Ratio Lower Upper
128 100
49 169.3 114.1 211.9
130 131.6 89.0 165.2
51 53.3 41.3 61.9

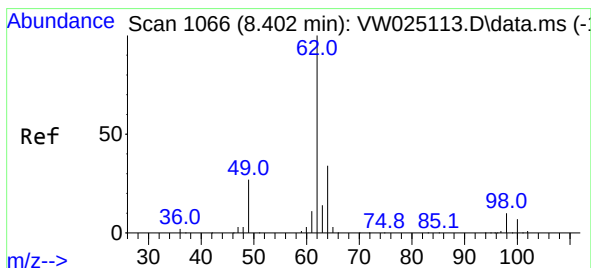
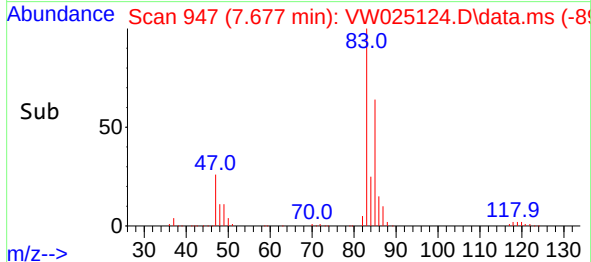
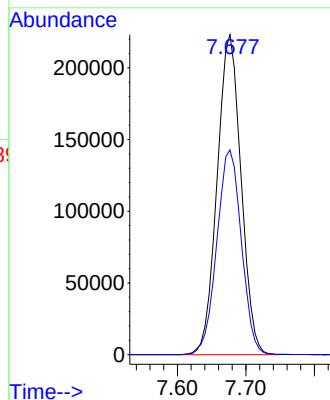
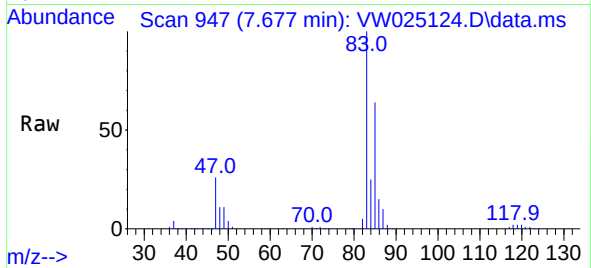




#25
Chloroform
Concen: 51.166 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

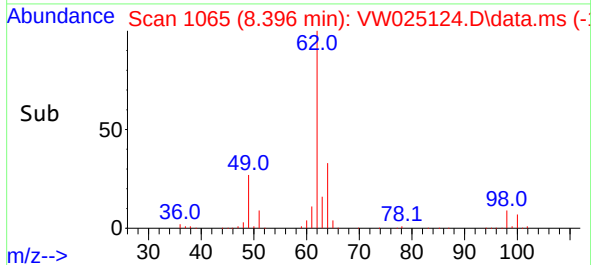
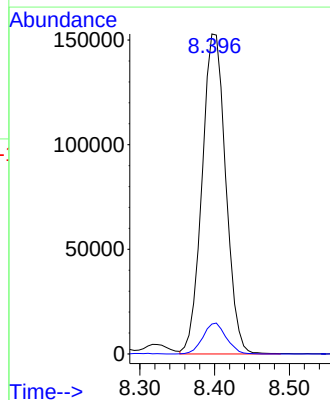
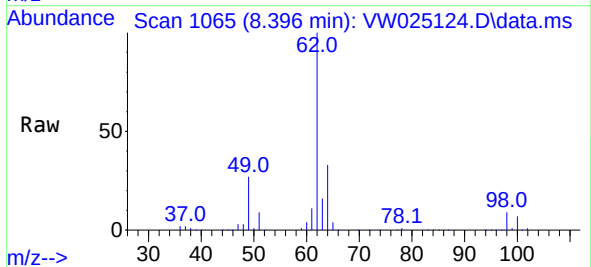
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

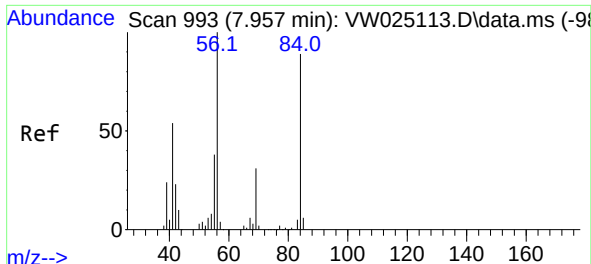
Tgt Ion: 83 Resp: 539716
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.2



#27
1,2-Dichloroethane
Concen: 52.916 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 62 Resp: 336941
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.8

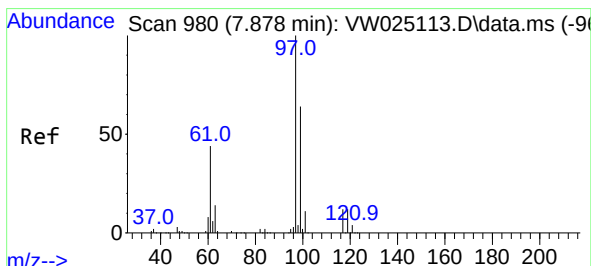
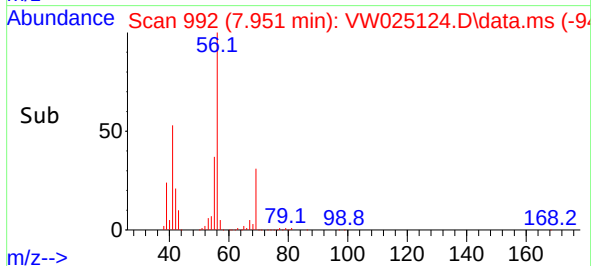
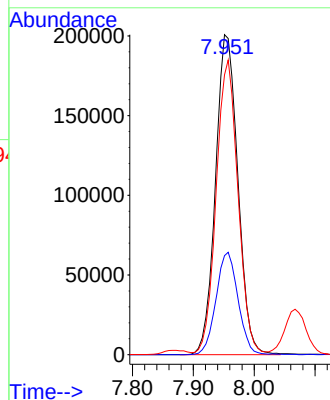
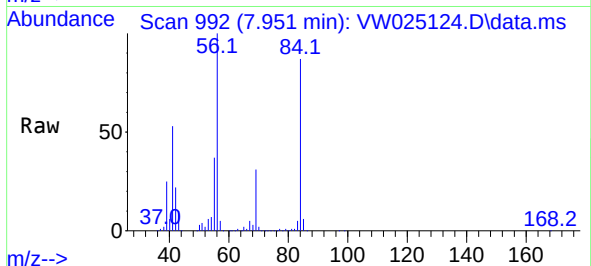




#29
Cyclohexane
Concen: 48.874 ug/L
RT: 7.951 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

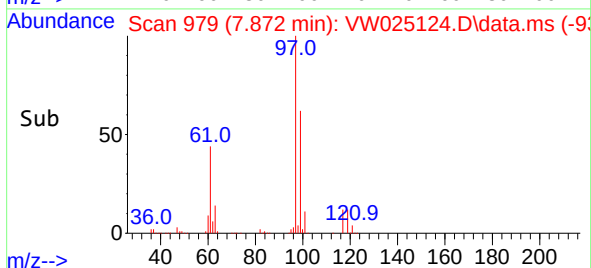
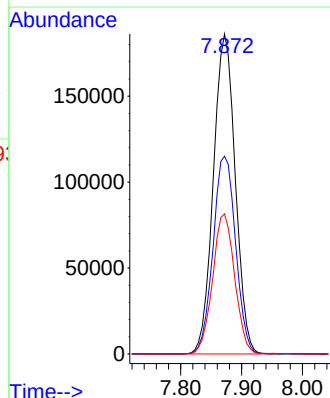
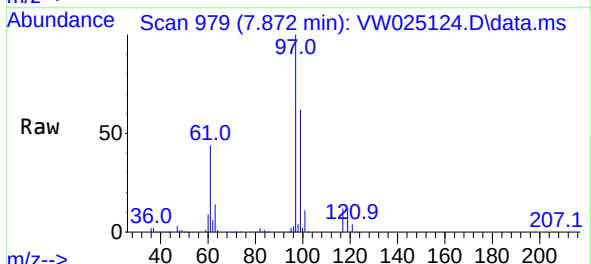
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

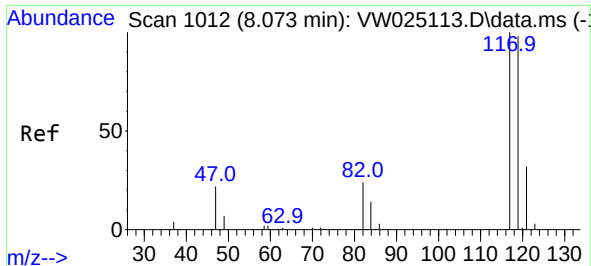
Tgt Ion: 56 Resp: 511801
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.6
84 89.9 70.9 106.3



#30
1,1,1-Trichloroethane
Concen: 50.300 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 97 Resp: 465375
Ion Ratio Lower Upper
97 100
99 63.7 50.9 76.3
61 44.0 35.5 53.3

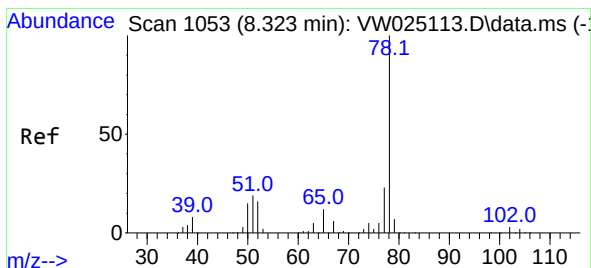
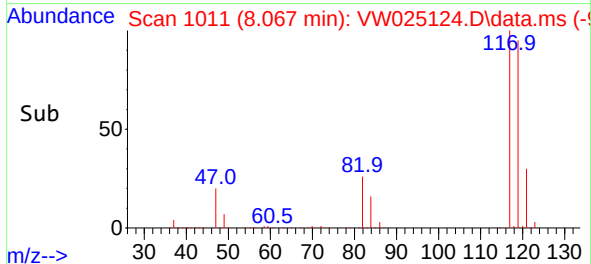
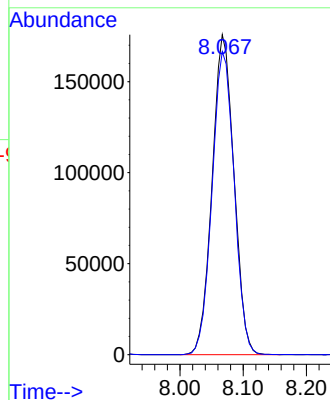
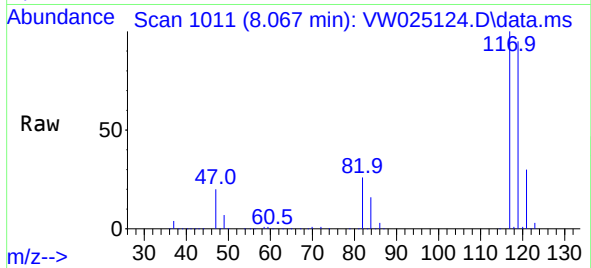




#31
Carbon tetrachloride
Concen: 50.220 ug/L
RT: 8.067 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

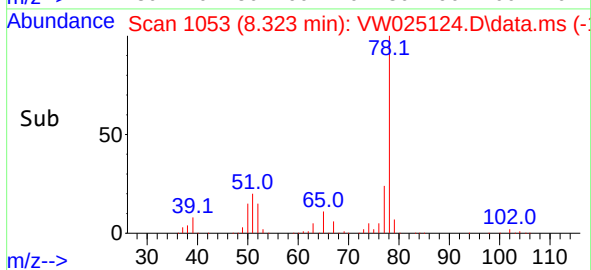
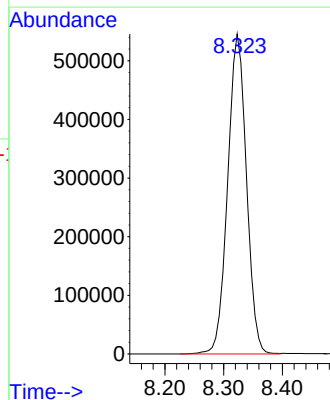
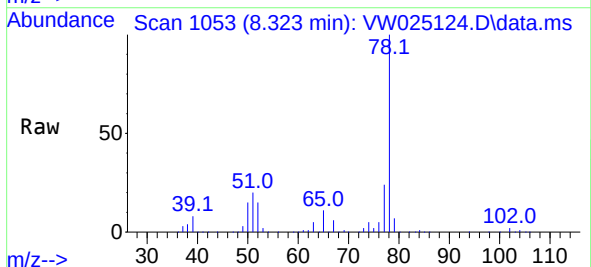
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

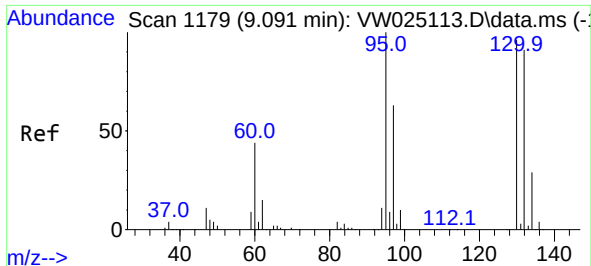
Tgt Ion:117 Resp: 421634
Ion Ratio Lower Upper
117 100
119 95.7 77.0 115.4



#33
Benzene
Concen: 49.343 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 78 Resp: 1211154

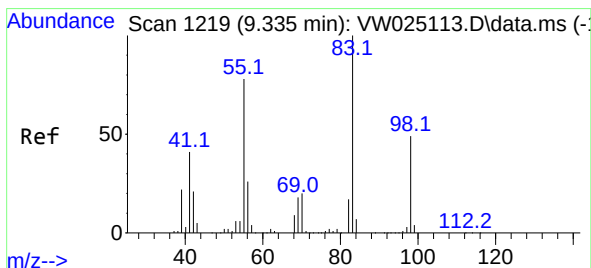
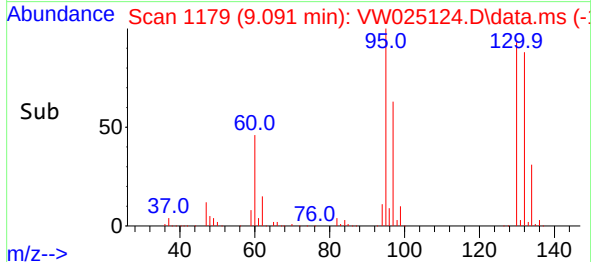
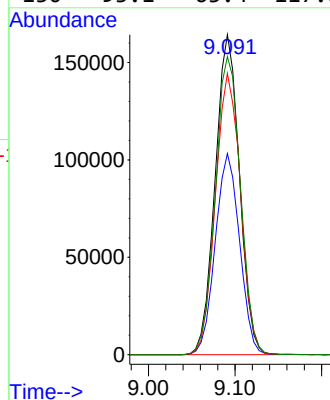
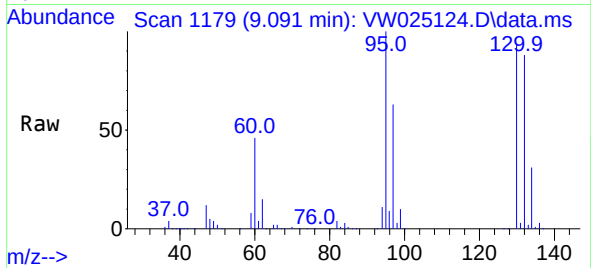




#34
Trichloroethene
Concen: 49.705 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

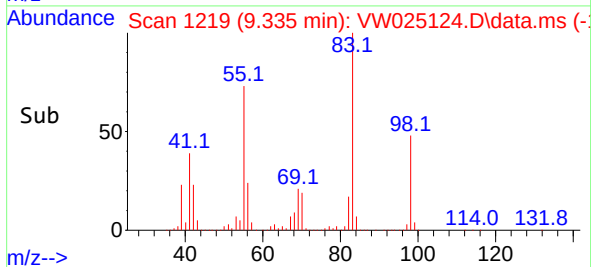
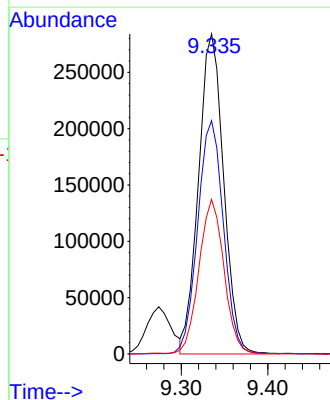
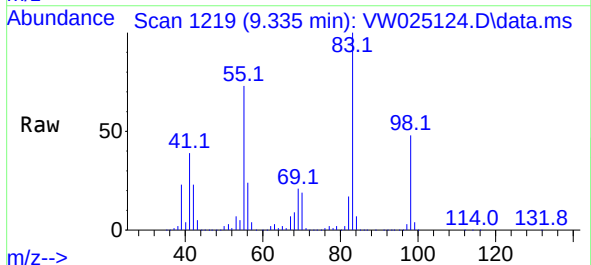
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

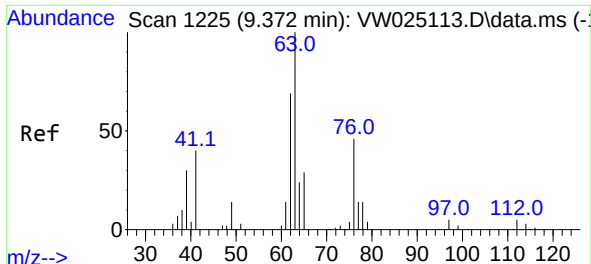
Tgt Ion: 95 Resp: 319770
Ion Ratio Lower Upper
95 100
97 62.8 44.3 82.3
132 87.9 63.0 117.0
130 93.1 63.4 117.8



#35
Methylcyclohexane
Concen: 49.187 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 83 Resp: 572454
Ion Ratio Lower Upper
83 100
55 74.5 59.3 88.9
98 48.2 38.6 57.8





#37

1,2-Dichloropropane

Concen: 49.724 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_W

ClientSampleId :

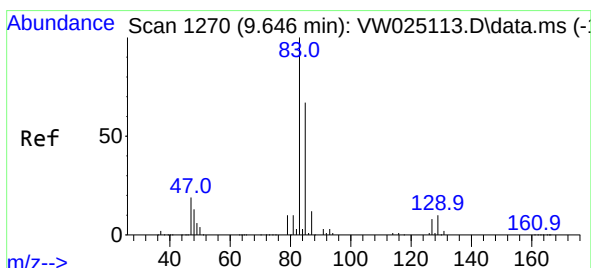
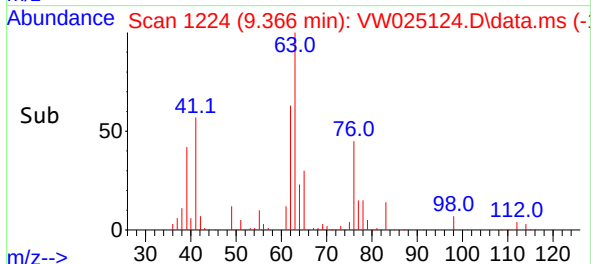
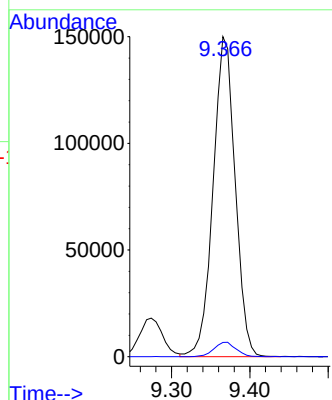
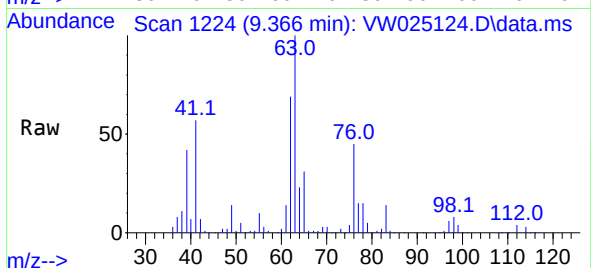
VSTD050476

Tgt Ion: 63 Resp: 293654

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



#38

Bromodichloromethane

Concen: 51.443 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

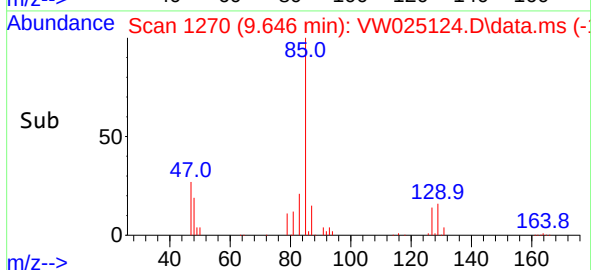
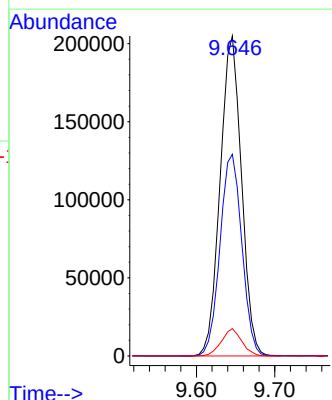
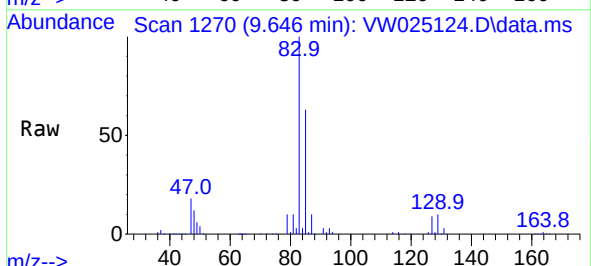
Tgt Ion: 83 Resp: 388088

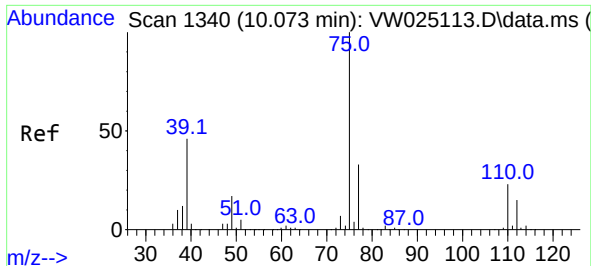
Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.2

127 8.5 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 53.526 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_W

ClientSampleId :

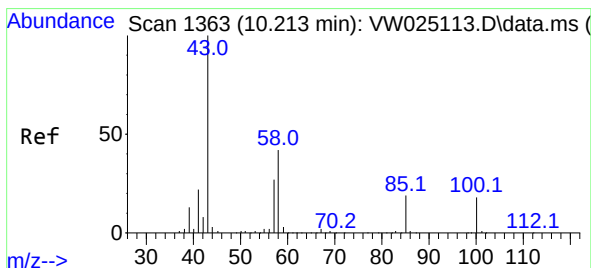
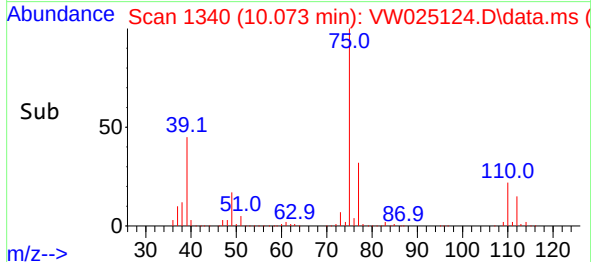
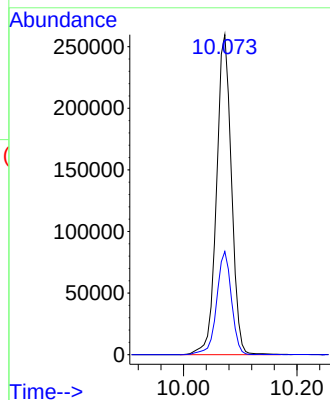
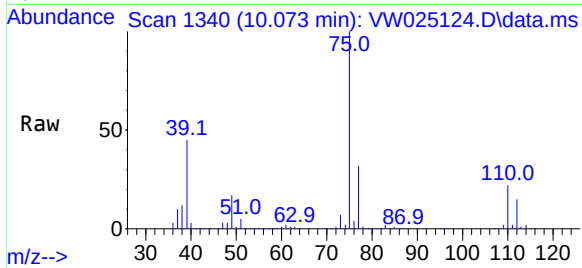
VSTD050476

Tgt Ion: 75 Resp: 473740

Ion Ratio Lower Upper

75 100

77 32.2 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 118.095 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

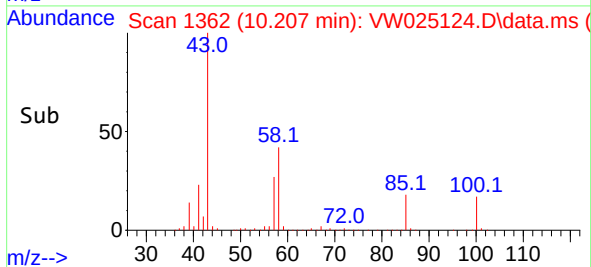
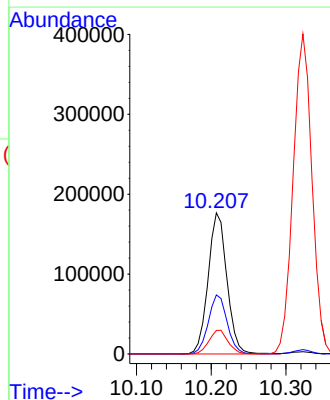
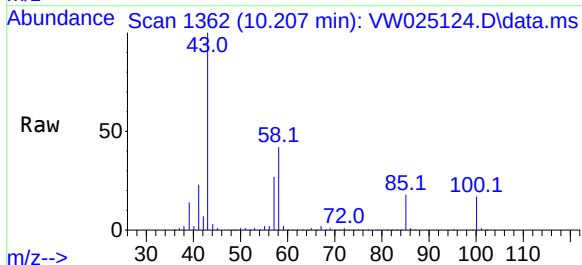
Tgt Ion: 43 Resp: 308106

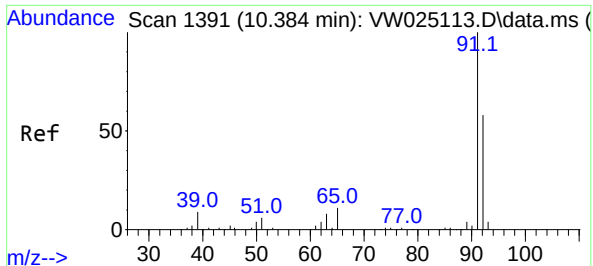
Ion Ratio Lower Upper

43 100

58 42.0 33.3 49.9

100 17.2 13.8 20.6

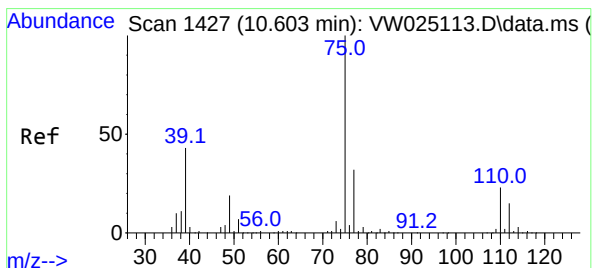
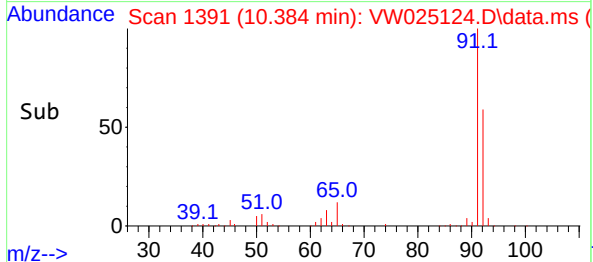
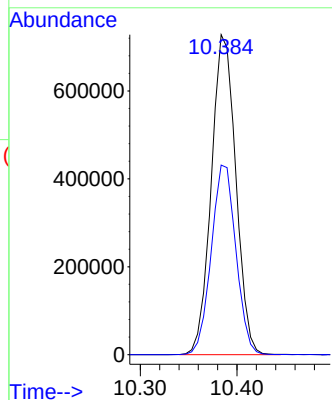
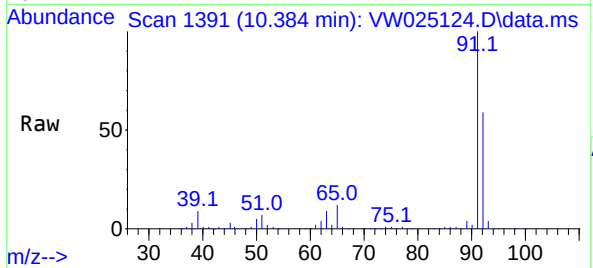




#42
Toluene
Concen: 49.491 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

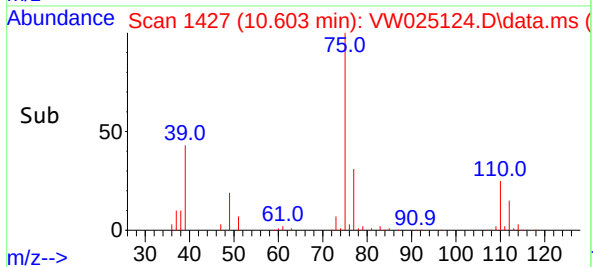
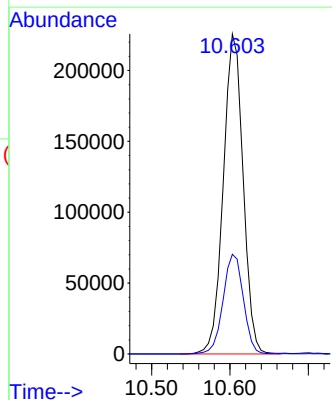
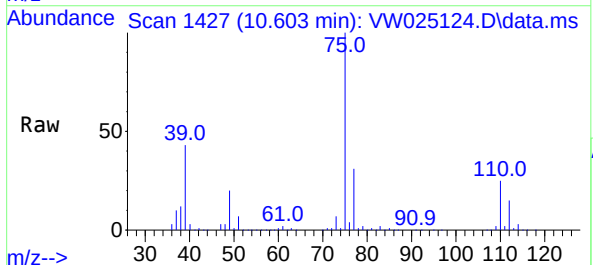
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

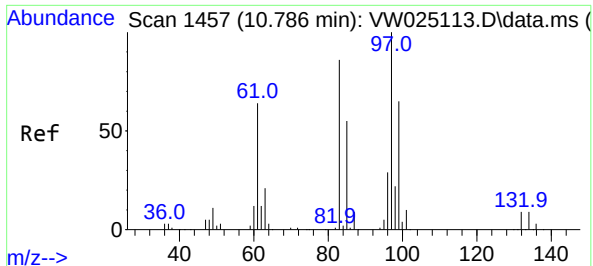
Tgt Ion: 91 Resp: 1280885
Ion Ratio Lower Upper
91 100
92 59.2 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 54.892 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 75 Resp: 396837
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 52.184 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD050476

Tgt Ion: 97 Resp: 206273

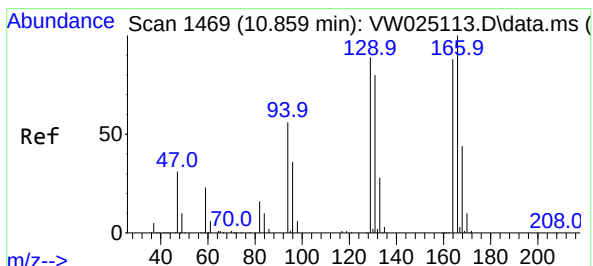
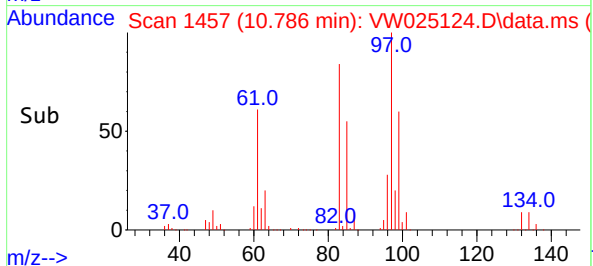
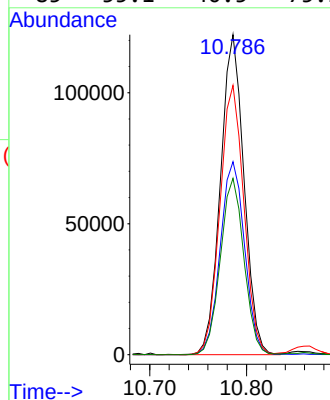
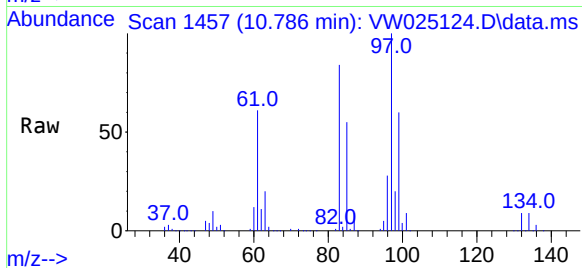
Ion Ratio Lower Upper

97 100

99 60.3 44.3 82.3

83 84.1 61.3 113.9

85 55.1 40.5 75.1



#46

Tetrachloroethene

Concen: 48.427 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

Tgt Ion:164 Resp: 231734

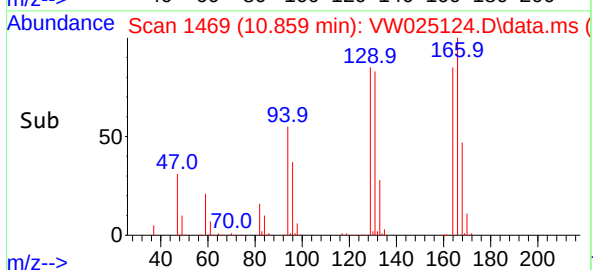
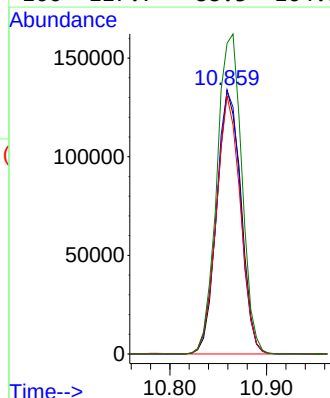
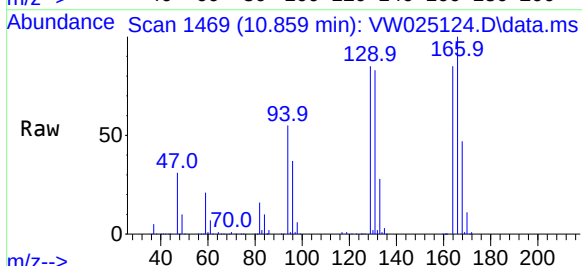
Ion Ratio Lower Upper

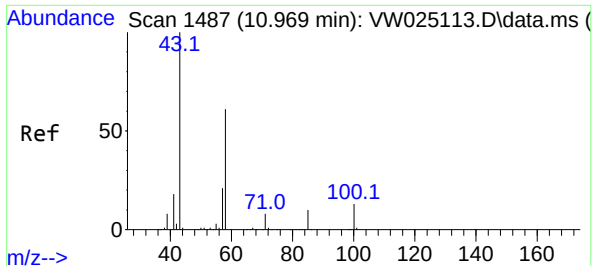
164 100

129 99.6 73.4 136.4

131 97.7 70.8 131.4

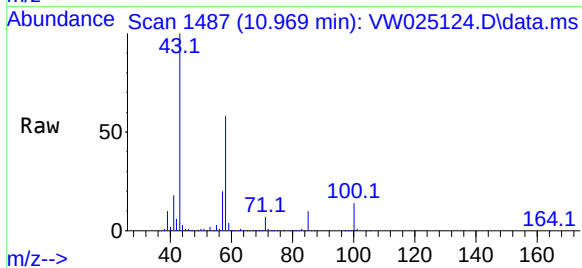
166 117.7 88.3 164.1



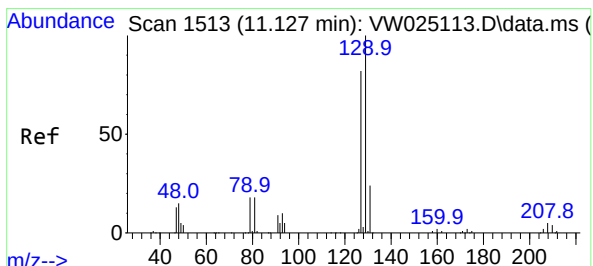
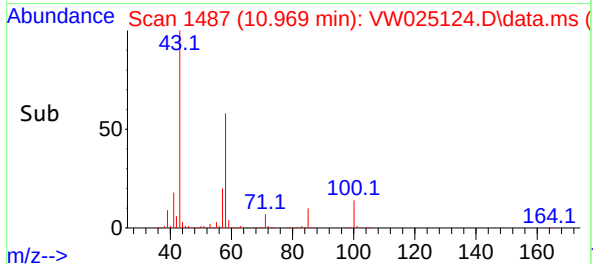
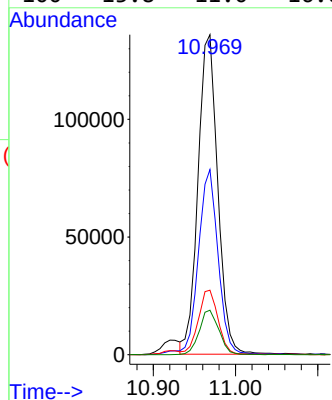


#48
2-Hexanone
Concen: 120.308 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

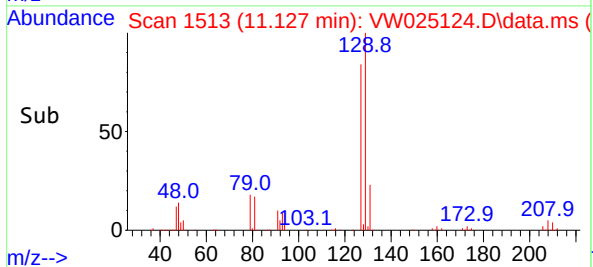
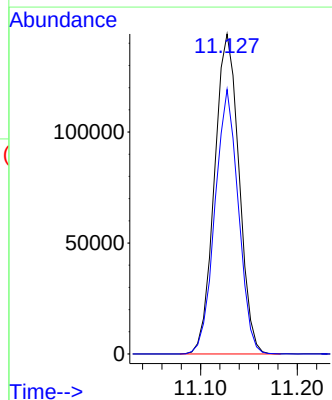
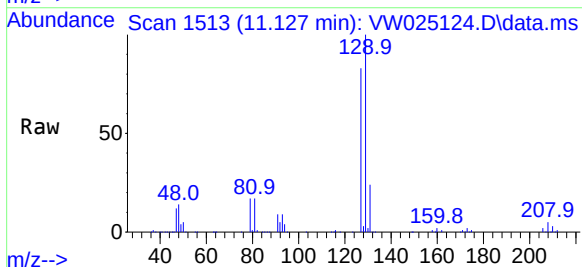


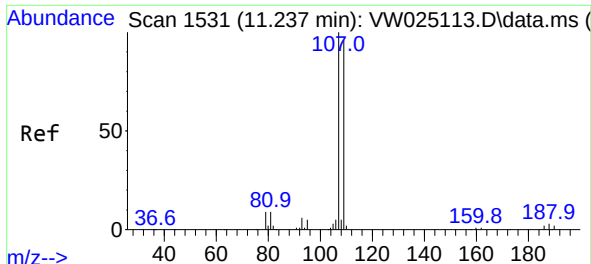
Tgt Ion: 43 Resp: 226749
Ion Ratio Lower Upper
43 100
58 57.4 46.6 69.8
57 20.5 16.7 25.1
100 13.8 11.0 16.6



#49
Dibromochloromethane
Concen: 53.787 ug/L
RT: 11.127 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 129 Resp: 254016
Ion Ratio Lower Upper
129 100
127 82.6 49.7 92.3





#50

1,2-Dibromoethane

Concen: 52.659 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD050476

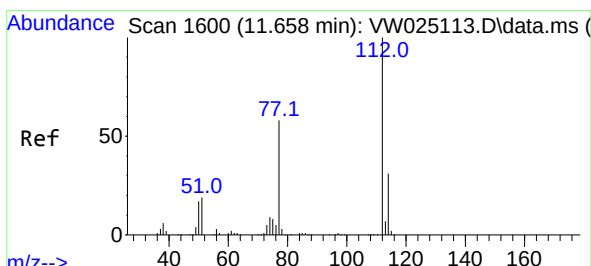
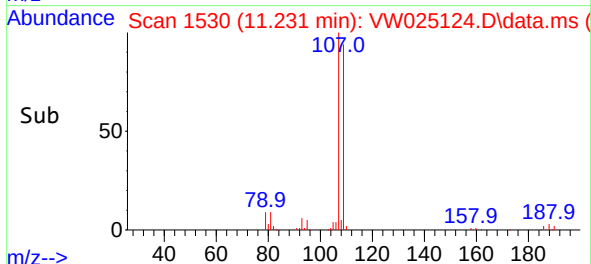
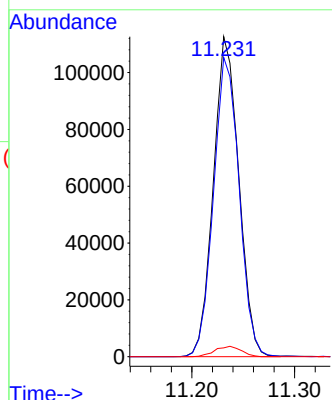
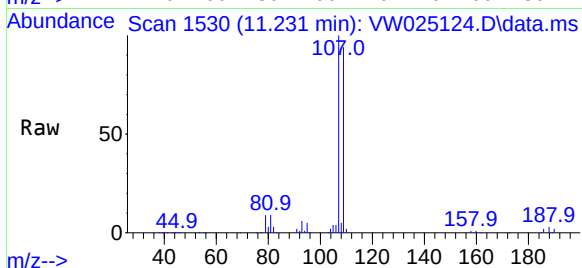
Tgt Ion:107 Resp: 193257

Ion Ratio Lower Upper

107 100

109 93.5 66.8 124.2

188 2.8 2.9 4.3#



#51

Chlorobenzene

Concen: 50.595 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

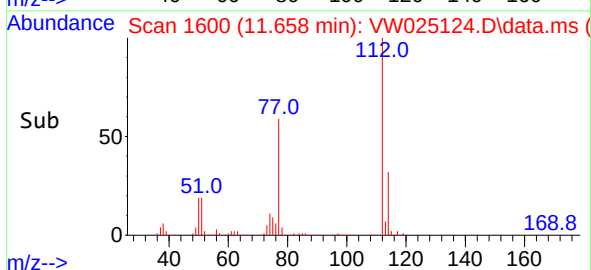
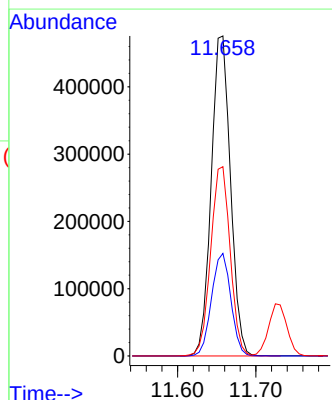
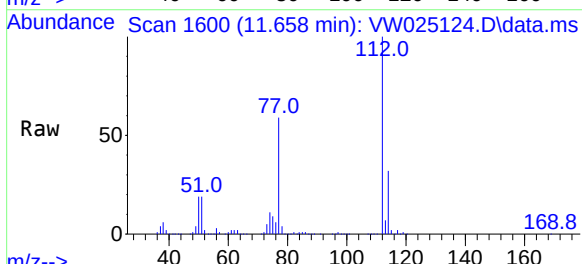
Tgt Ion:112 Resp: 812281

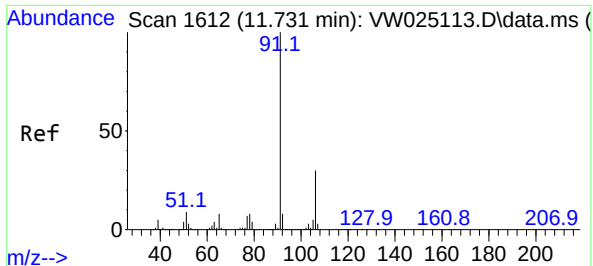
Ion Ratio Lower Upper

112 100

114 32.1 23.2 43.2

77 59.2 47.2 70.8

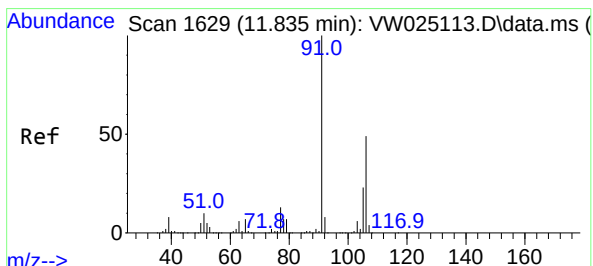
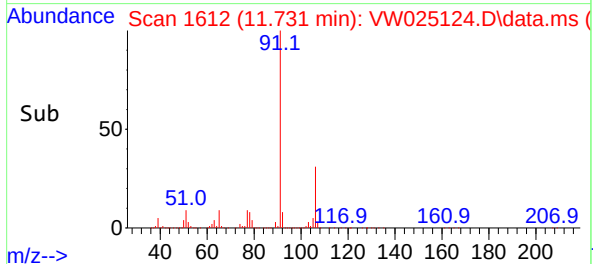
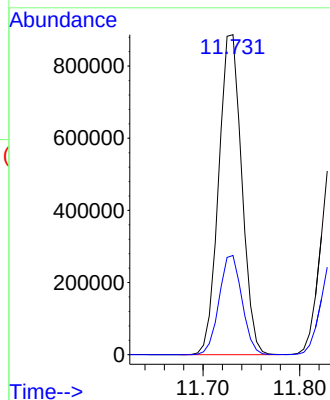
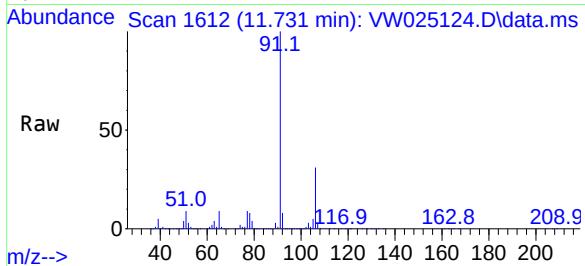




#52
Ethylbenzene
Concen: 50.408 ug/L
RT: 11.731 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

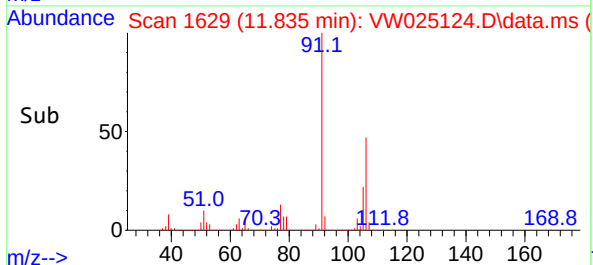
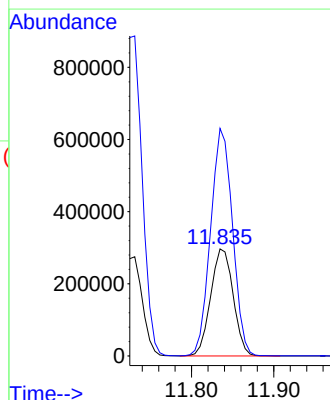
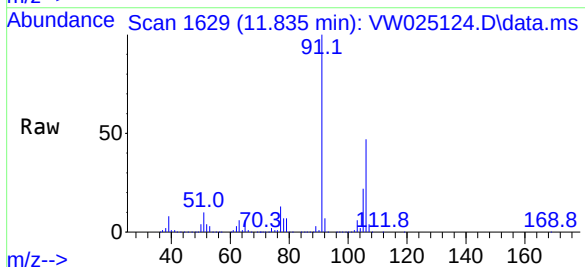
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

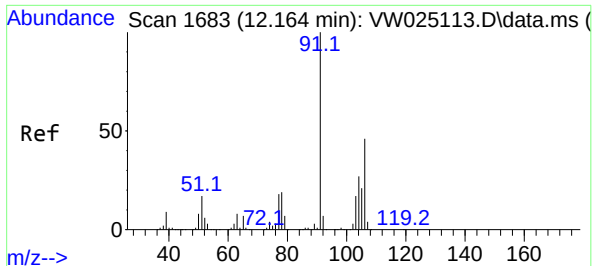
Tgt Ion: 91 Resp: 1468175
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 50.442 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion:106 Resp: 563673
Ion Ratio Lower Upper
106 100
91 212.6 139.7 259.4

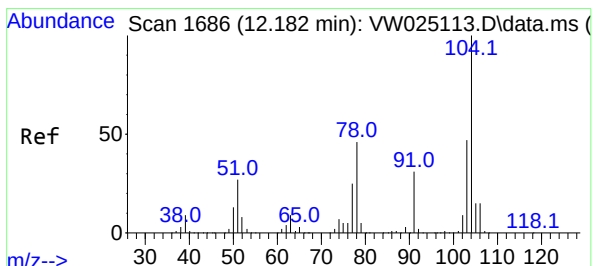
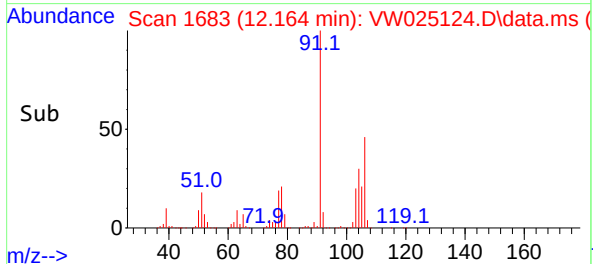
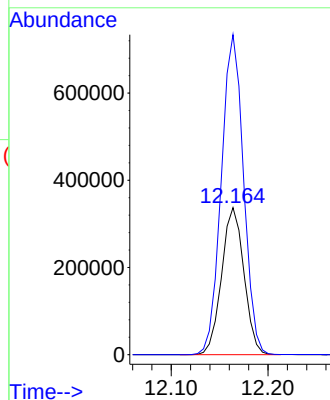
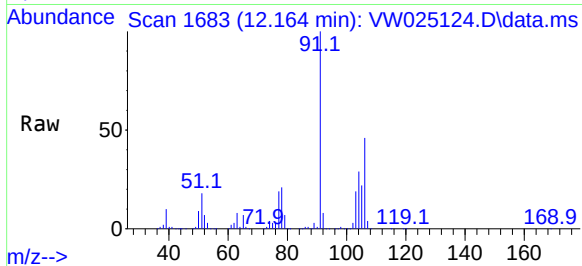




#54
o-Xylene
Concen: 51.774 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

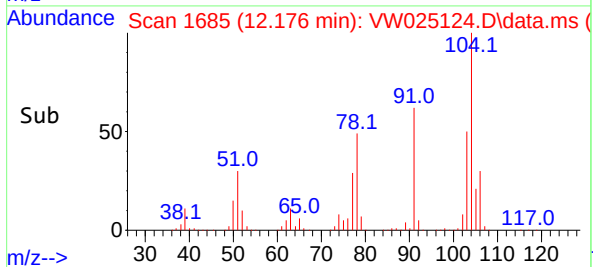
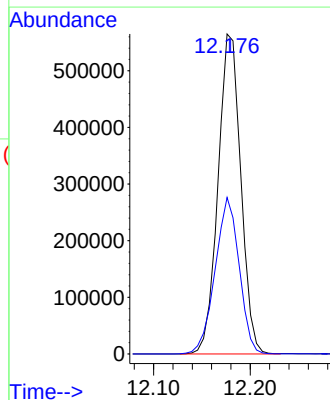
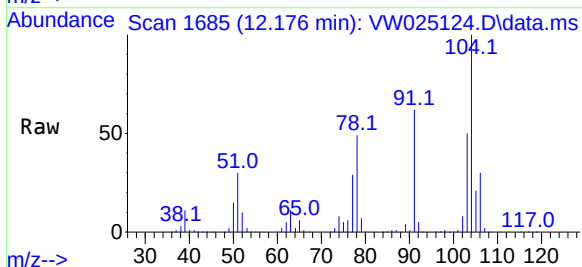
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

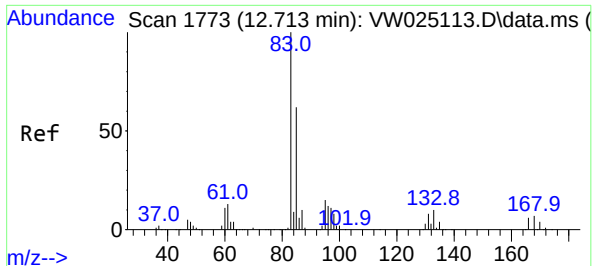
Tgt Ion:106 Resp: 540284
Ion Ratio Lower Upper
106 100
91 217.6 148.8 276.4



#55
Styrene
Concen: 52.799 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion:104 Resp: 923519
Ion Ratio Lower Upper
104 100
78 48.9 34.4 63.8

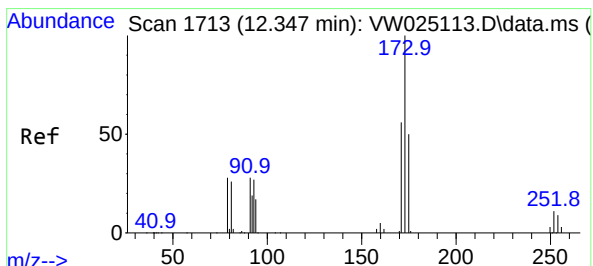
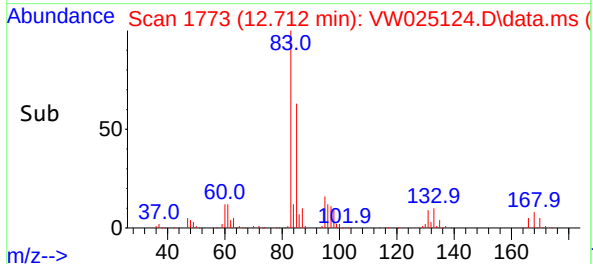
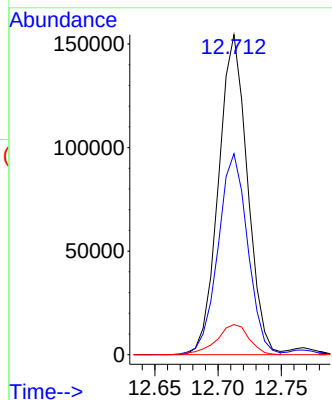
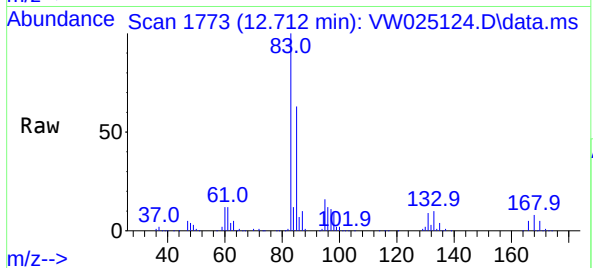




#57
1,1,2,2-Tetrachloroethane
Concen: 56.165 ug/L
RT: 12.712 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

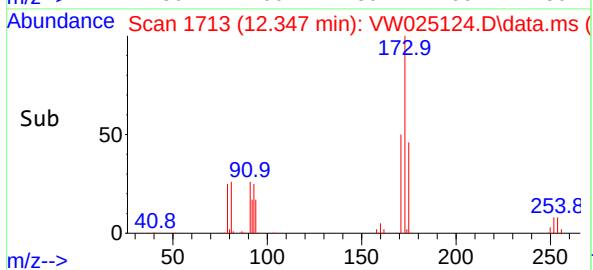
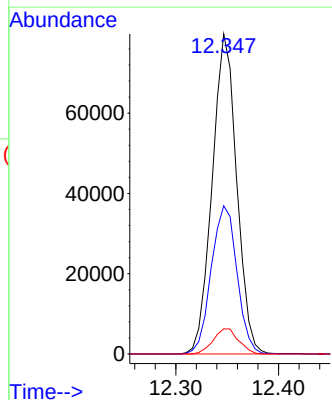
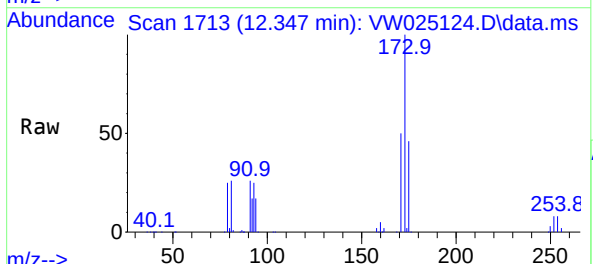
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

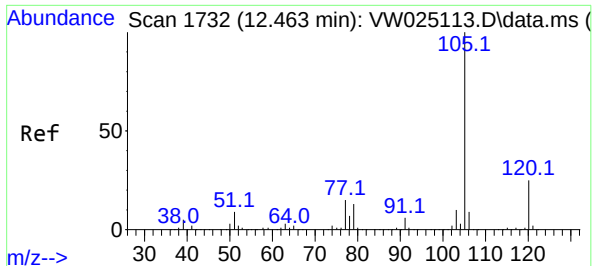
Tgt Ion: 83 Resp: 245103
Ion Ratio Lower Upper
83 100
85 62.8 46.8 87.0
131 9.4 8.2 12.2



#59
Bromoform
Concen: 53.755 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion:173 Resp: 131806
Ion Ratio Lower Upper
173 100
175 48.6 37.4 56.0
254 8.1 6.8 10.2

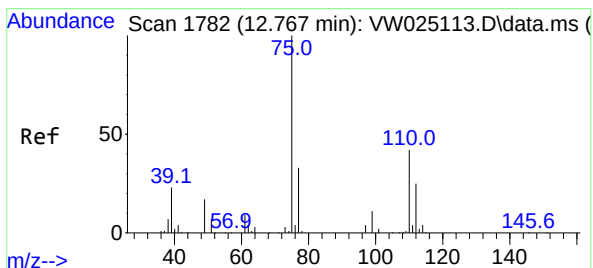
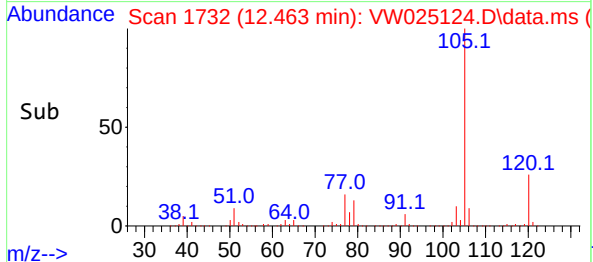
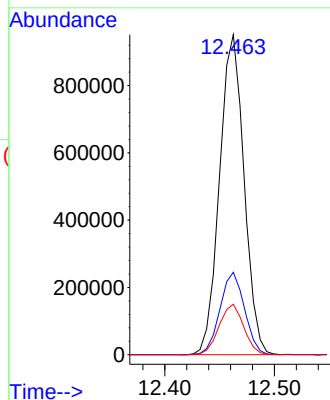
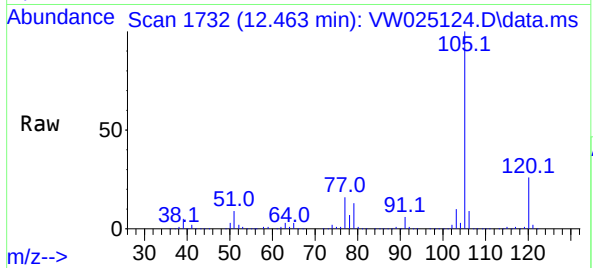




#60
Isopropylbenzene
Concen: 47.754 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

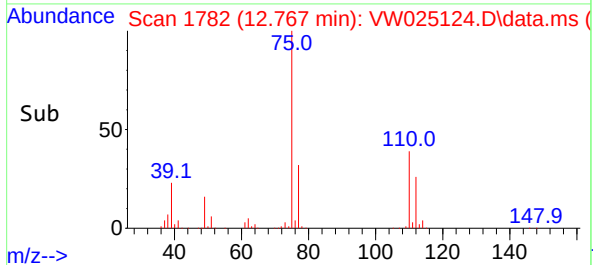
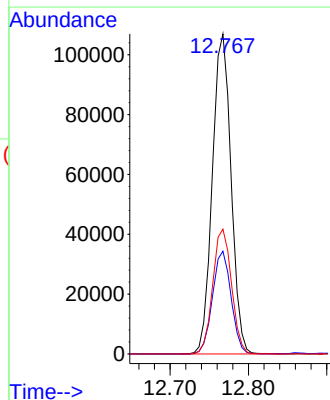
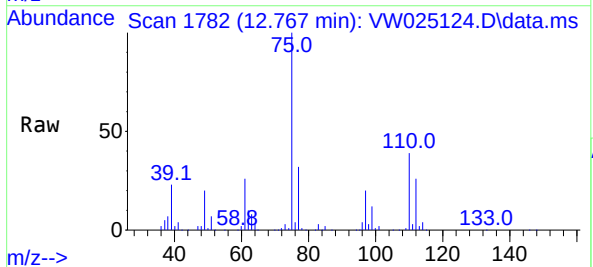
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

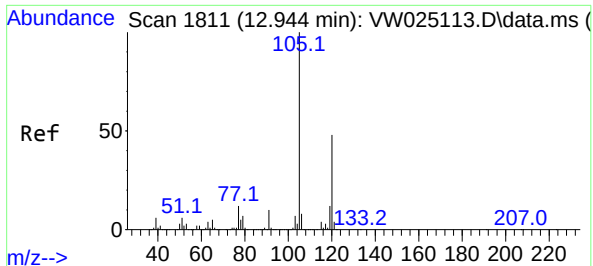
Tgt Ion:105 Resp: 1478270
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 15.8 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 51.849 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 75 Resp: 177453
Ion Ratio Lower Upper
75 100
77 32.0 26.6 40.0
110 39.1 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 48.614 ug/L

RT: 12.938 min Scan# 1811

Delta R.T. -0.006 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_W

ClientSampleId :

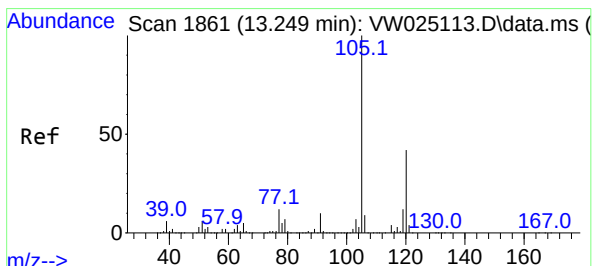
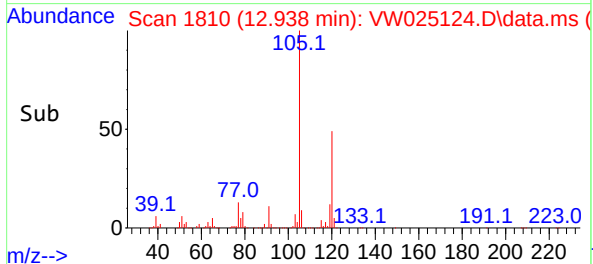
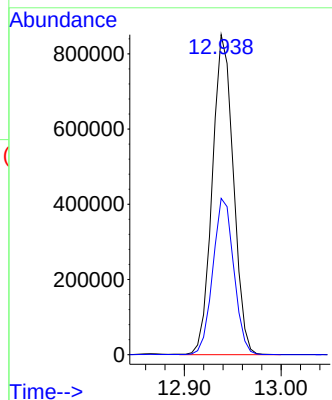
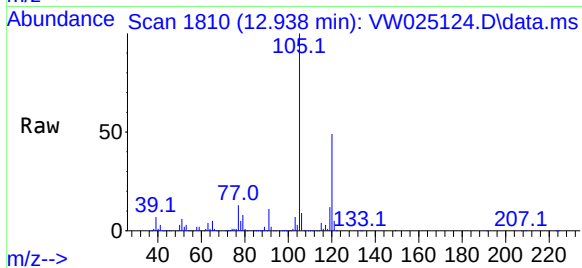
VSTD050476

Tgt Ion:105 Resp: 1286030

Ion Ratio Lower Upper

105 100

120 48.7 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 49.392 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW025124.D

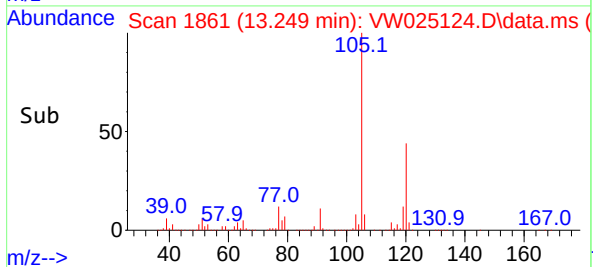
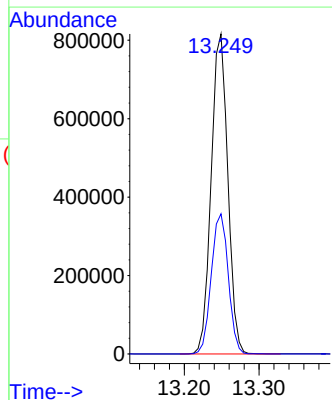
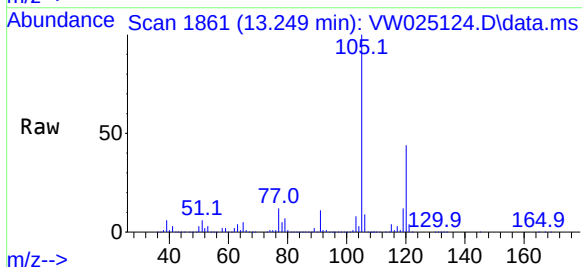
Acq: 08 Dec 2022 10:44

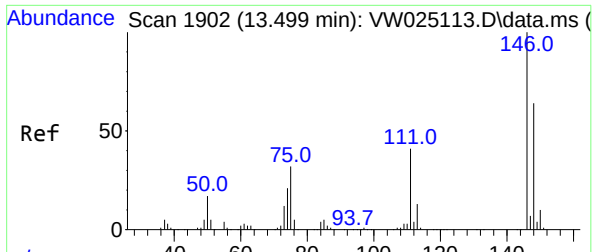
Tgt Ion:105 Resp: 1259984

Ion Ratio Lower Upper

105 100

120 44.7 36.1 54.1





#64

1,3-Dichlorobenzene

Concen: 47.937 ug/L

RT: 13.493 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

Instrument :

MSVOA_W

ClientSampleId :

VSTD050476

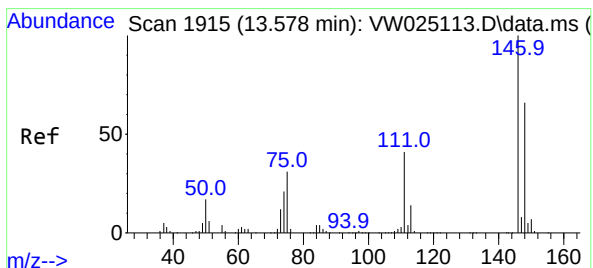
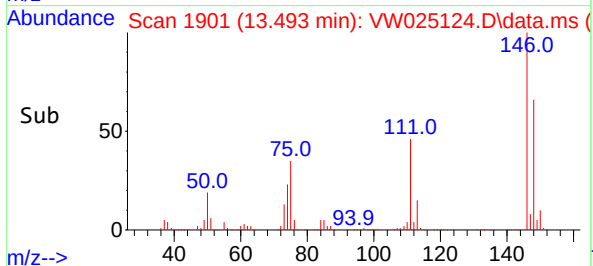
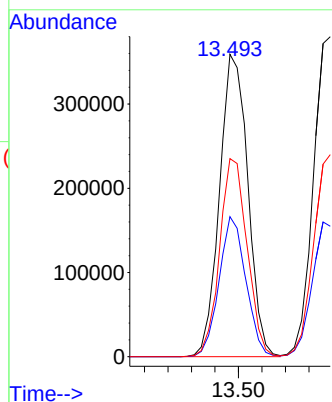
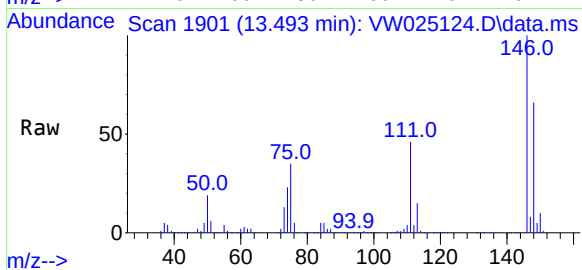
Tgt Ion:146 Resp: 600437

Ion Ratio Lower Upper

146 100

111 46.3 30.2 56.0

148 65.5 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 49.218 ug/L

RT: 13.578 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW025124.D

Acq: 08 Dec 2022 10:44

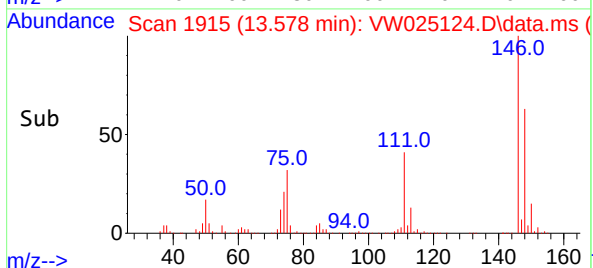
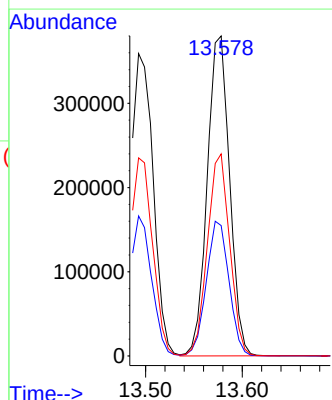
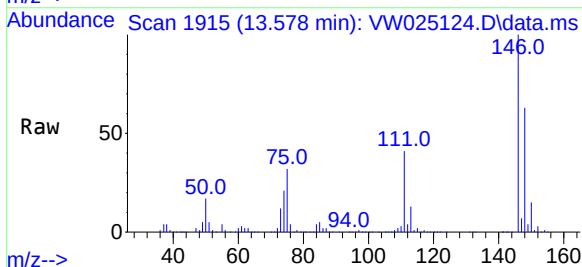
Tgt Ion:146 Resp: 611007

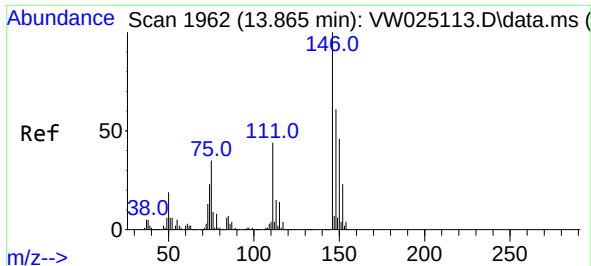
Ion Ratio Lower Upper

146 100

111 40.7 27.4 51.0

148 63.2 41.6 77.3

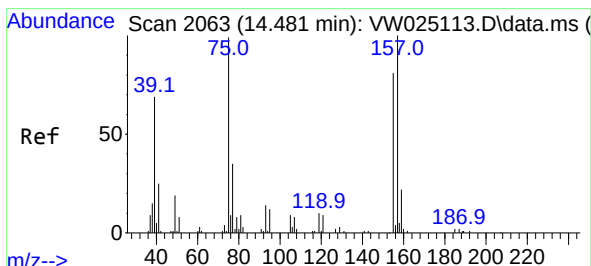
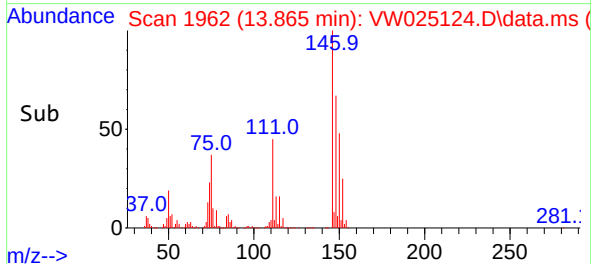
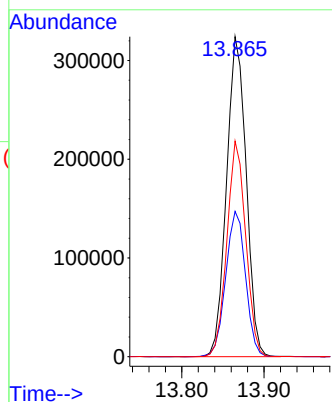
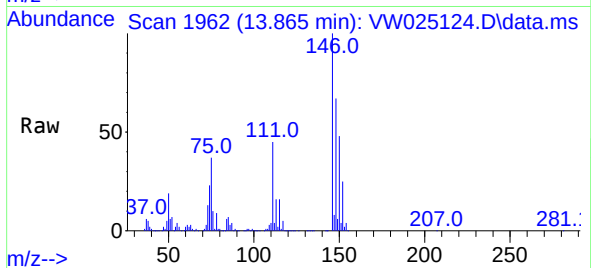




#67
1,2-Dichlorobenzene
Concen: 49.568 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

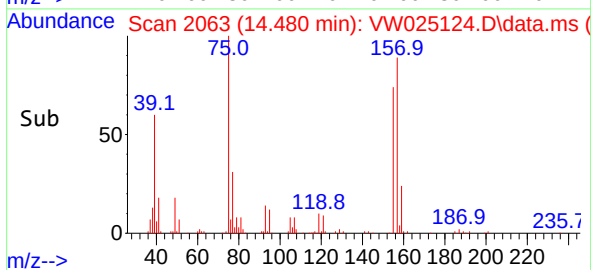
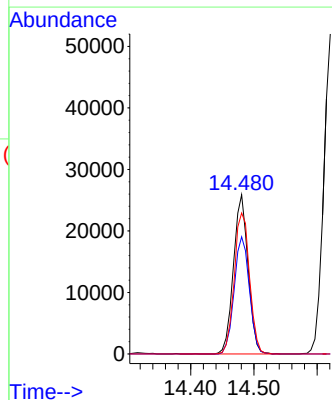
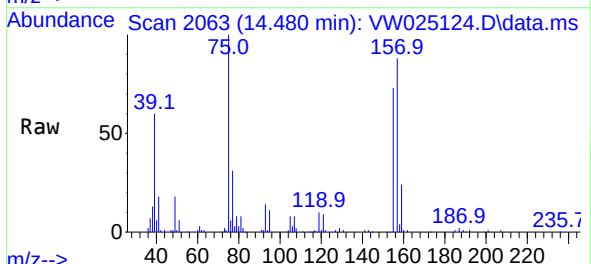
Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

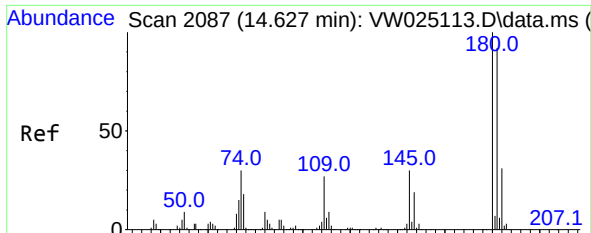
Tgt Ion:146 Resp: 537546
Ion Ratio Lower Upper
146 100
111 45.4 34.3 51.5
148 67.4 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 60.572 ug/L
RT: 14.480 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion: 75 Resp: 41630
Ion Ratio Lower Upper
75 100
155 73.5 60.3 90.5
157 88.5 84.9 127.3



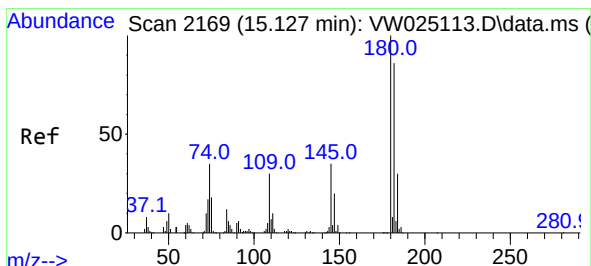
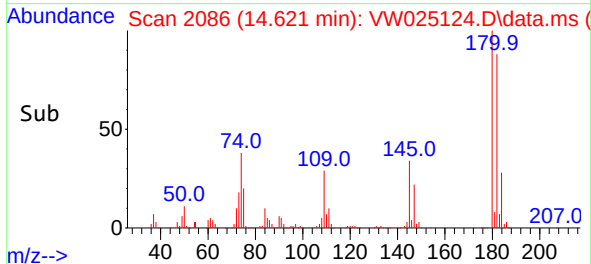
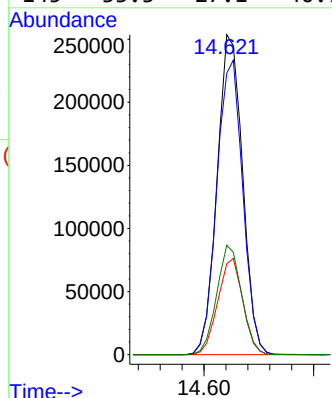
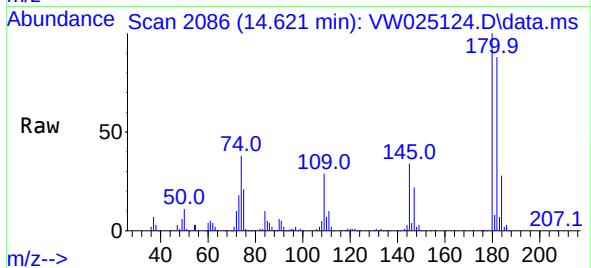


#69
1,3,5-Trichlorobenzene
Concen: 50.822 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

Tgt Ion:180 Resp: 409677

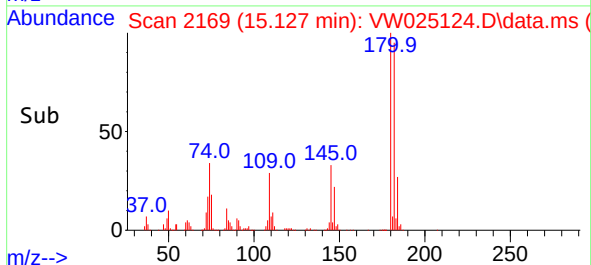
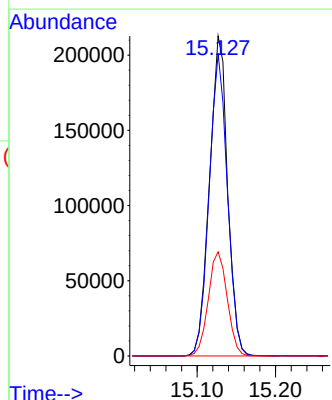
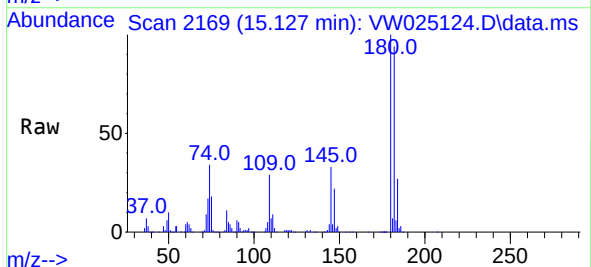
Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.8	116.6
184	29.6	24.3	36.5
145	33.3	27.1	40.7

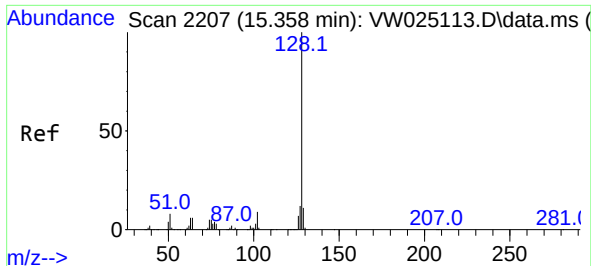


#70
1,2,4-trichlorobenzene
Concen: 57.289 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion:180 Resp: 342124

Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.2	115.8
145	33.9	26.9	40.3

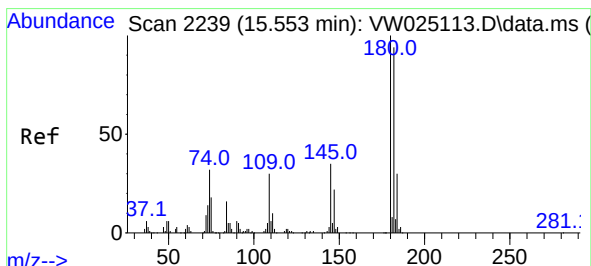
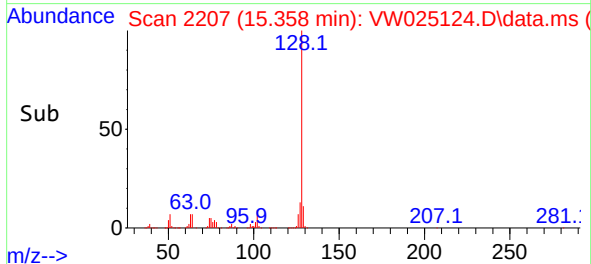
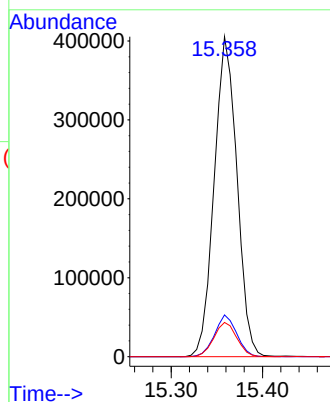
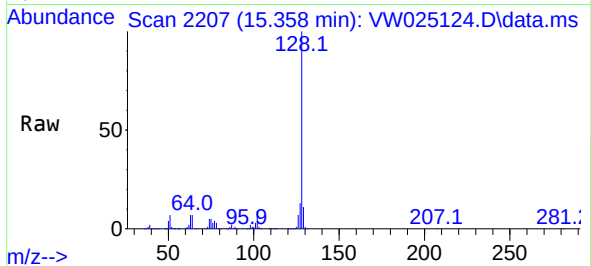




#71
Naphthalene
Concen: 63.992 ug/L
RT: 15.358 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Instrument :
MSVOA_W
ClientSampleId :
VSTD050476

Tgt Ion:128 Resp: 700609
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 59.765 ug/L
RT: 15.547 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW025124.D
Acq: 08 Dec 2022 10:44

Tgt Ion:180 Resp: 297652
Ion Ratio Lower Upper
180 100
182 93.1 76.4 114.6
145 34.6 29.6 44.4

