

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025215.D
 Acq On : 03 Jan 2023 13:04
 Operator : SY/MD
 Sample : VSTD00580
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005480

Quant Time: Jan 04 00:36:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:35:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	564151	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	493470	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	238232	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33708	5.147	ug/L	0.00
7) Chloroethane-d5	2.879	69	20556	4.981	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	74367	5.184	ug/L	0.00
21) 2-Butanone-d5	7.086	46	15652	9.429	ug/L	0.01
24) Chloroform-d	7.653	84	72072	5.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	37021	5.083	ug/L	0.00
32) Benzene-d6	8.275	84	150384	5.075	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	44139	5.092	ug/L	0.00
41) Toluene-d8	10.323	98	137525	5.099	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	17855	4.810	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	11723	8.583	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31197	5.146	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	43061	5.087	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	13161	4.113	ug/L	99
3) Chloromethane	2.215	50	29373	5.208	ug/L	94
5) Vinyl chloride	2.361	62	39060	5.429	ug/L	99
6) Bromomethane	2.776	94	20777	5.502	ug/L	99
8) Chloroethane	2.916	64	17278	5.153	ug/L	100
9) Trichlorofluoromethane	3.257	101	27553	5.529	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	38899	5.364	ug/L	98
12) 1,1-Dichloroethene	4.037	96	36882	5.273	ug/L	99
13) Acetone	4.123	43	21275	10.959	ug/L	99
14) Carbon disulfide	4.385	76	122532	5.287	ug/L	100
15) Methyl Acetate	4.672	43	14045	5.007	ug/L	98
16) Methylene chloride	4.915	84	50618	5.801	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	39500	5.273	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	54125	5.154	ug/L #	91
19) 1,1-Dichloroethane	6.220	63	69566	5.279	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	40918	5.255	ug/L	98
22) 2-Butanone	7.171	43	21469	9.953	ug/L #	69
23) Bromochloromethane	7.512	128	16888	5.196	ug/L	92
25) Chloroform	7.677	83	68516	5.288	ug/L	95
27) 1,2-Dichloroethane	8.403	62	41960	5.232	ug/L	96
29) Cyclohexane	7.958	56	68993	5.304	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	58499	5.338	ug/L	99
31) Carbon tetrachloride	8.073	117	52747	5.285	ug/L	99
33) Benzene	8.323	78	158984	5.329	ug/L	100
34) Trichloroethene	9.091	95	41623	5.350	ug/L	96
35) Methylcyclohexane	9.335	83	74367	5.268	ug/L	100
37) 1,2-Dichloropropane	9.366	63	39583	5.396	ug/L	99
38) Bromodichloromethane	9.646	83	47231	5.151	ug/L	91
39) cis-1,3-Dichloropropene	10.073	75	56279	5.030	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	37661	9.838	ug/L	99
42) Toluene	10.390	91	167676	5.344	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	47997	5.014	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025215.D
 Acq On : 03 Jan 2023 13:04
 Operator : SY/MD
 Sample : VSTD00580
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005480

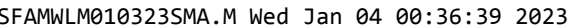
Quant Time: Jan 04 00:36:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:35:18 2023
 Response via : Initial Calibration

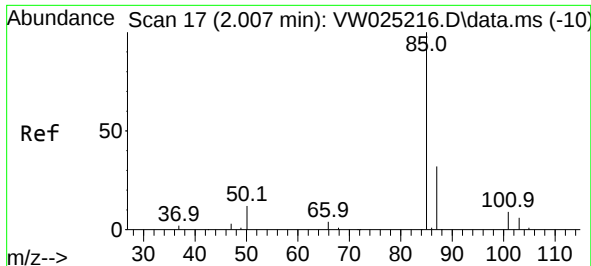
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	26496	5.207	ug/L	95
46) Tetrachloroethene	10.859	164	31341	5.483	ug/L	90
48) 2-Hexanone	10.969	43	29292	9.977	ug/L	97
49) Dibromochloromethane	11.128	129	30441	5.126	ug/L	97
50) 1,2-Dibromoethane	11.231	107	24949	5.183	ug/L #	89
51) Chlorobenzene	11.652	112	104015	5.308	ug/L	94
52) Ethylbenzene	11.731	91	182547	5.221	ug/L	98
53) m,p-Xylene	11.841	106	70940	5.250	ug/L	96
54) o-Xylene	12.164	106	67986	5.467	ug/L	90
55) Styrene	12.182	104	112869	5.340	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	31095	5.480	ug/L	97
59) Bromoform	12.347	173	15084	4.800	ug/L	98
60) Isopropylbenzene	12.463	105	184496	5.140	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	22476	5.057	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	153996	5.060	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	151043	5.031	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	78290	5.336	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	80941	5.566	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	68294	5.393	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	5097	5.120	ug/L #	78
69) 1,3,5-Trichlorobenzene	14.621	180	54368	5.201	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	45304	5.104	ug/L	96
71) Naphthalene	15.359	128	78692	4.523	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	38392	5.042	ug/L	97

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

Quant Time: Jan 04 00:36:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jan 04 00:35:18 2023
Response via : Initial Calibration

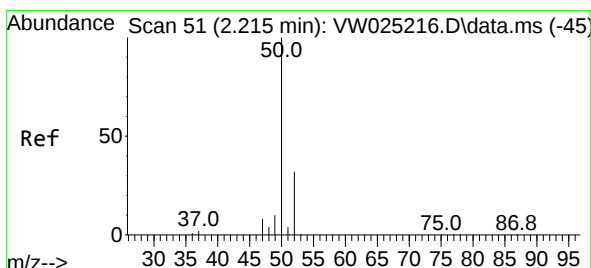
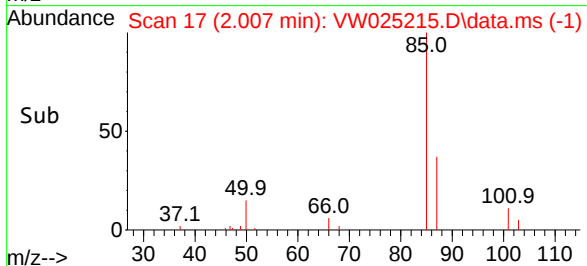
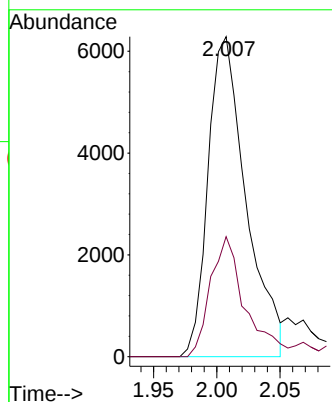
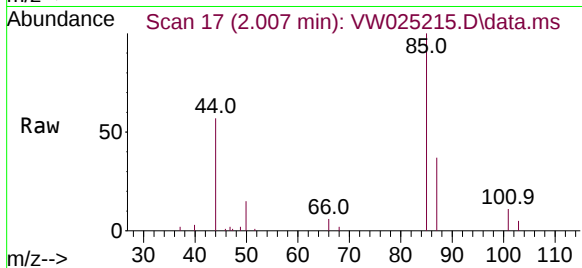




#2
Dichlorodifluoromethane
Concen: 4.113 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

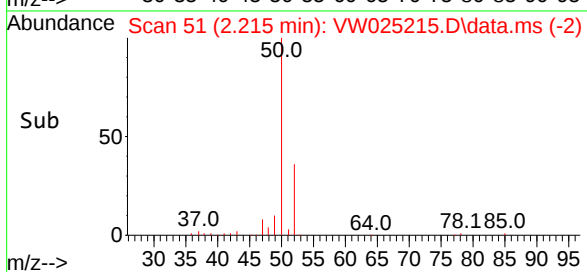
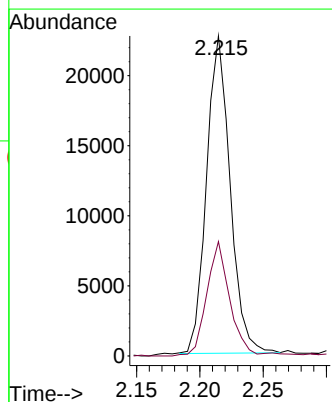
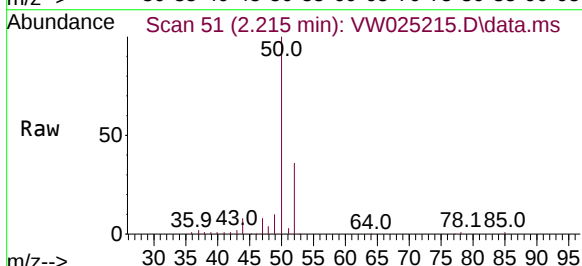
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

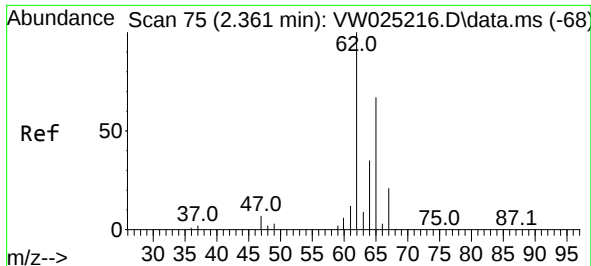
Tgt Ion: 85 Resp: 13161
Ion Ratio Lower Upper
85 100
87 34.0 26.6 39.8



#3
Chloromethane
Concen: 5.208 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion: 50 Resp: 29373
Ion Ratio Lower Upper
50 100
52 35.7 22.7 42.1

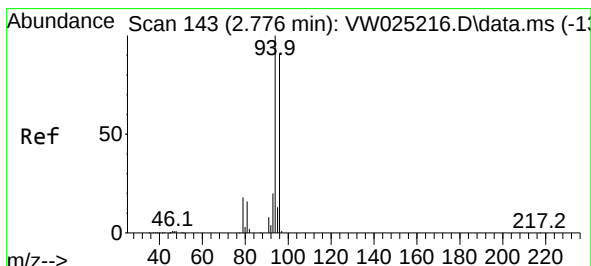
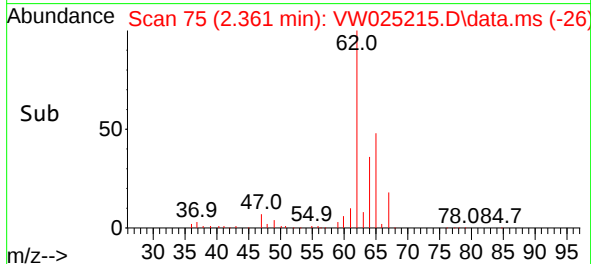
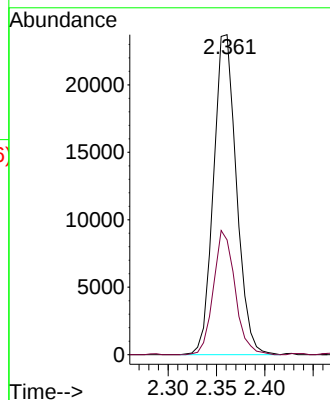
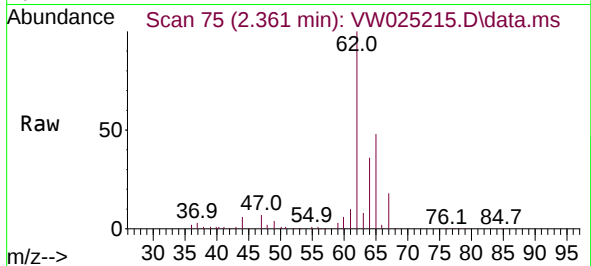




#5
 Vinyl chloride
 Concen: 5.429 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VW025215.D
 Acq: 03 Jan 2023 13:04

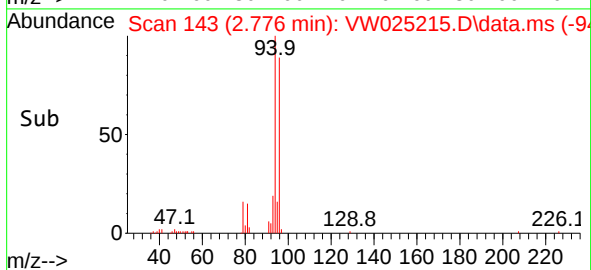
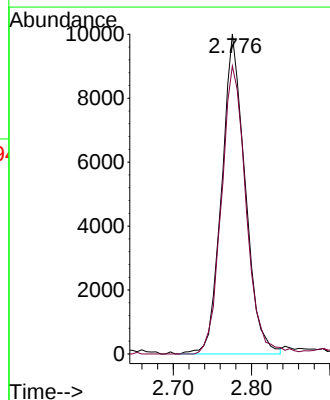
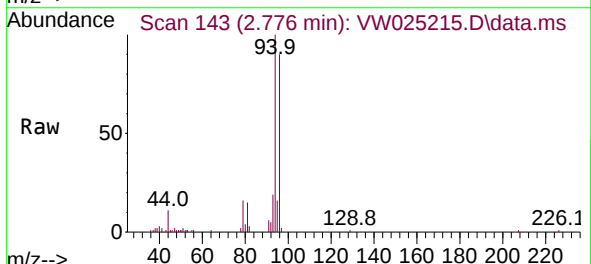
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005480

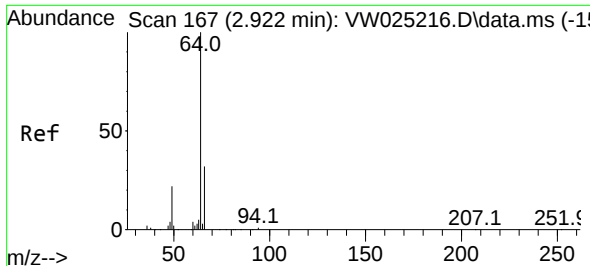
Tgt Ion: 62 Resp: 39060
 Ion Ratio Lower Upper
 62 100
 64 35.9 24.8 46.1



#6
 Bromomethane
 Concen: 5.502 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW025215.D
 Acq: 03 Jan 2023 13:04

Tgt Ion: 94 Resp: 20777
 Ion Ratio Lower Upper
 94 100
 96 90.0 63.9 118.7

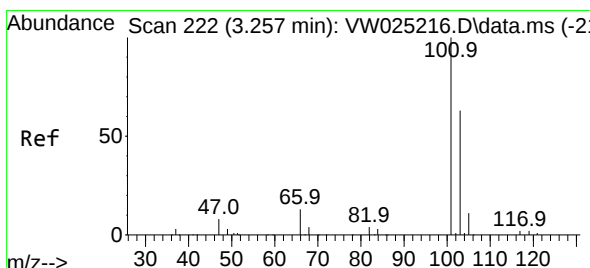
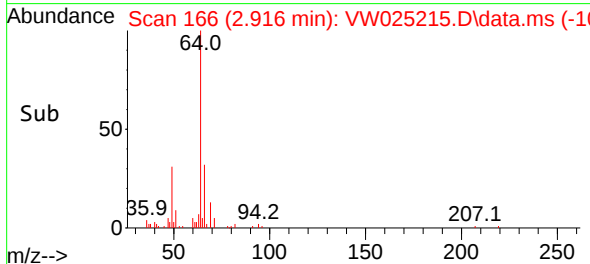
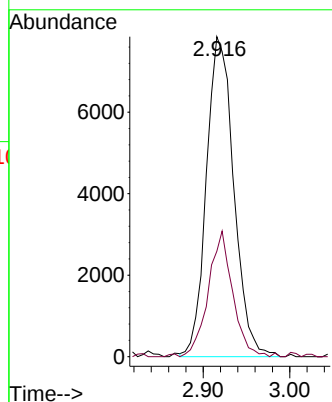
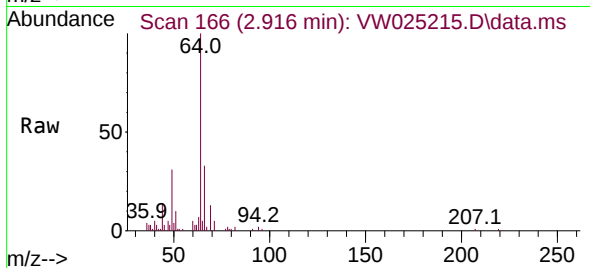




#8
Chloroethane
Concen: 5.153 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

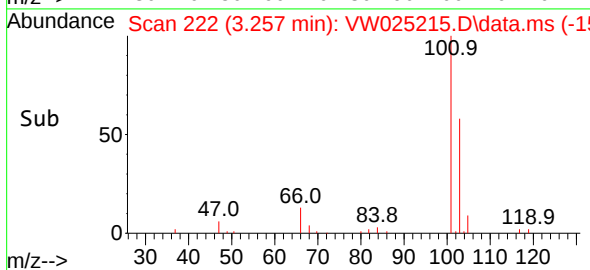
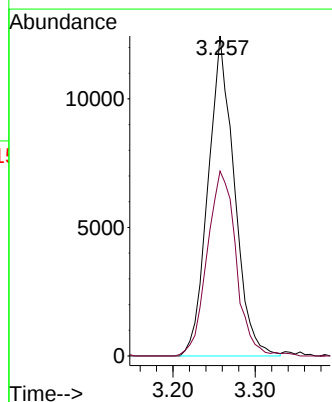
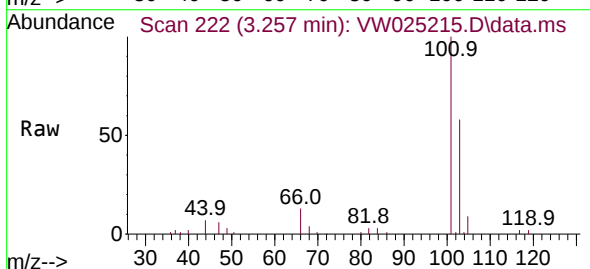
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

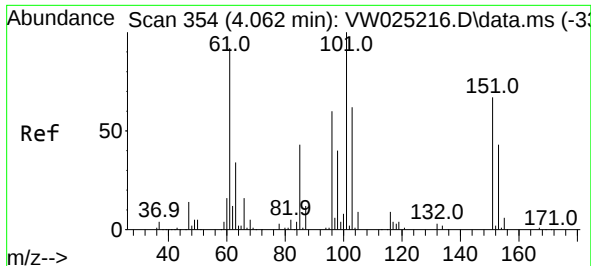
Tgt Ion: 64 Resp: 17278
Ion Ratio Lower Upper
64 100
66 33.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.529 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion: 101 Resp: 27553
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.364 ug/L

RT: 4.068 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

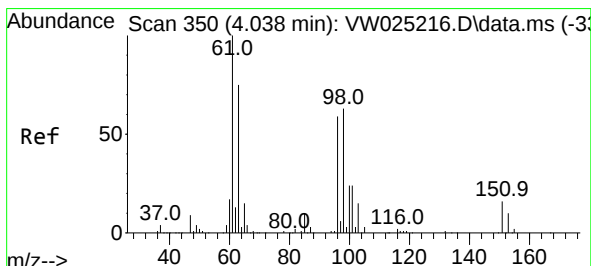
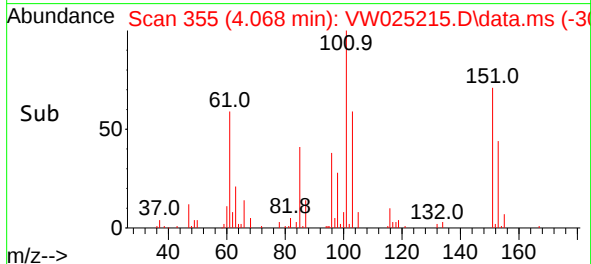
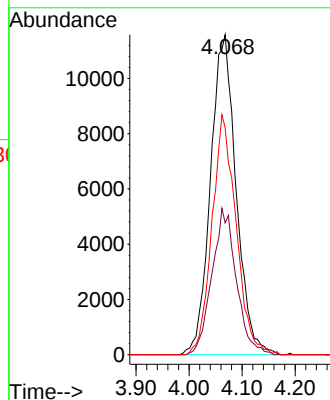
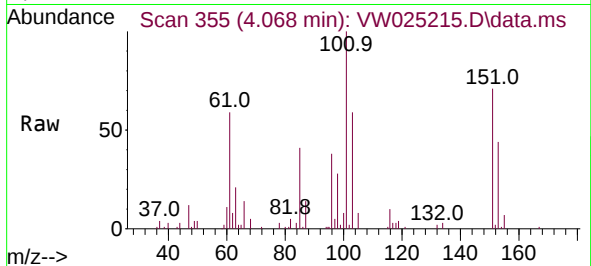
Tgt Ion:101 Resp: 38899

Ion Ratio Lower Upper

101 100

85 43.6 33.8 50.8

151 70.5 54.6 82.0



#12

1,1-Dichloroethene

Concen: 5.273 ug/L

RT: 4.037 min Scan# 350

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

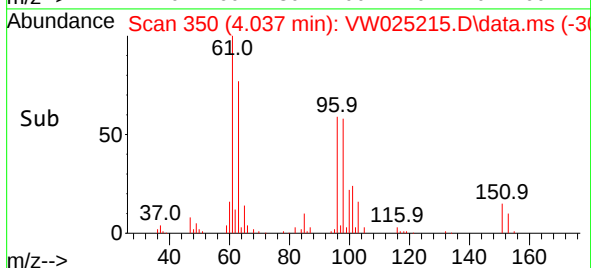
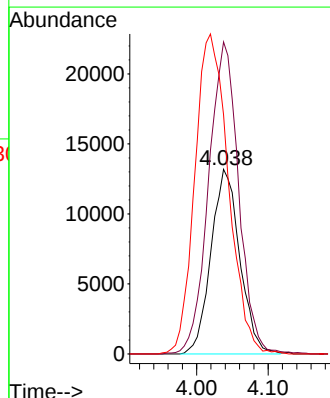
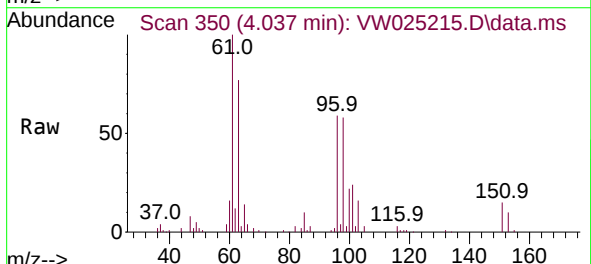
Tgt Ion: 96 Resp: 36882

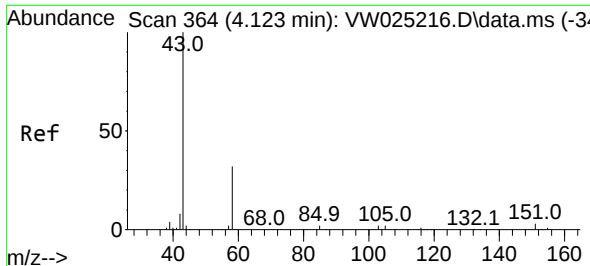
Ion Ratio Lower Upper

96 100

61 169.0 119.3 221.5

63 129.5 91.3 169.6





#13

Acetone

Concen: 10.959 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

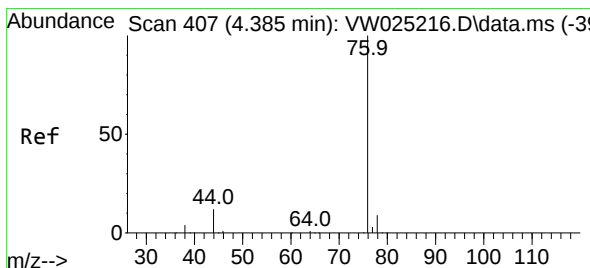
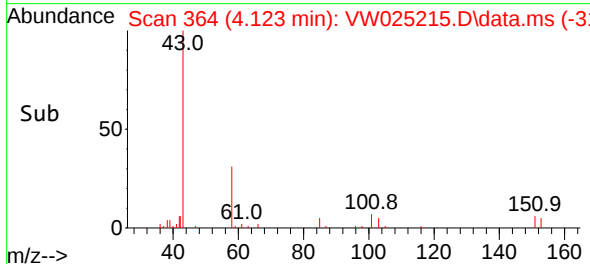
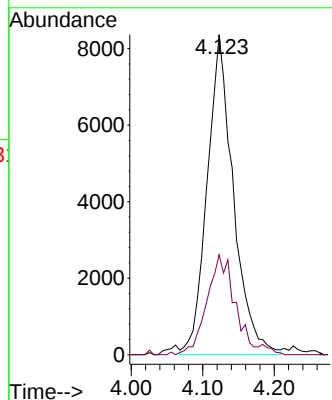
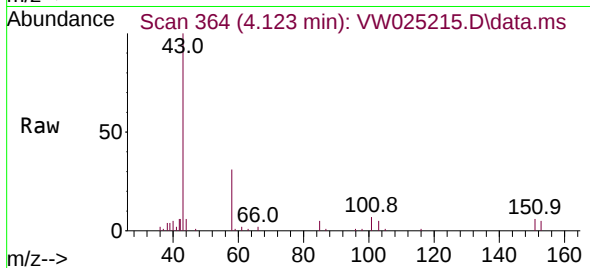
VSTD005480

Tgt Ion: 43 Resp: 21275

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.8



#14

Carbon disulfide

Concen: 5.287 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW025215.D

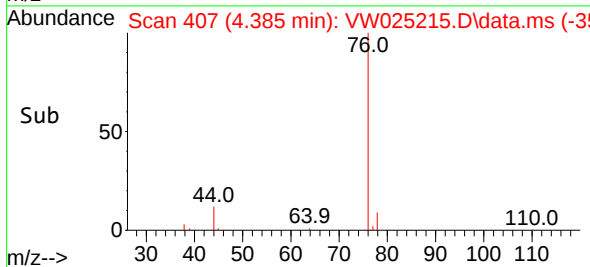
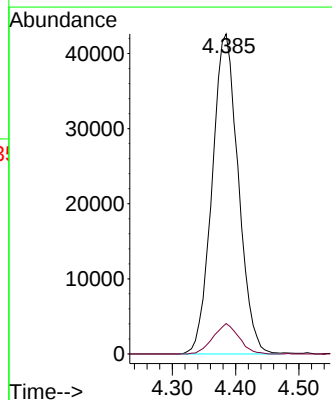
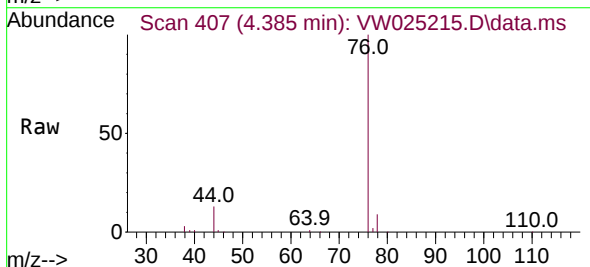
Acq: 03 Jan 2023 13:04

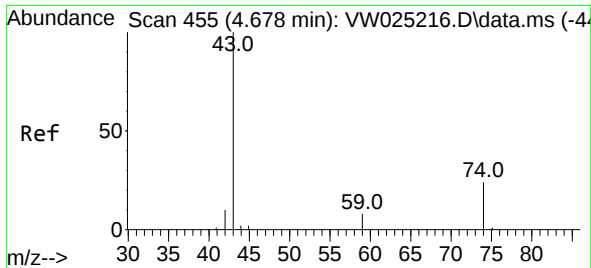
Tgt Ion: 76 Resp: 122532

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

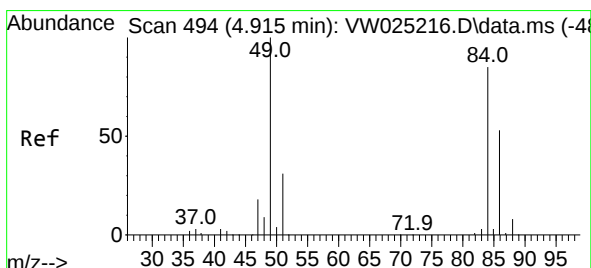
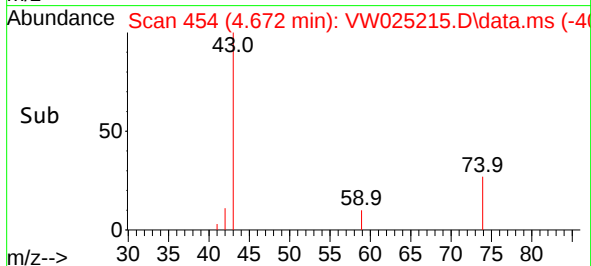
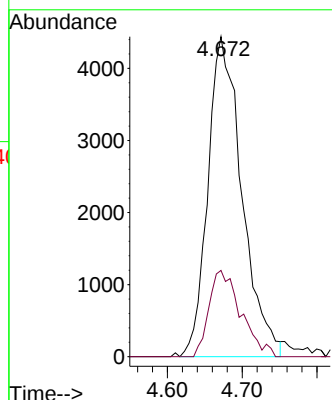
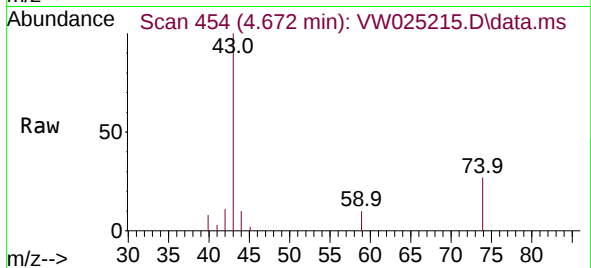




#15
Methyl Acetate
Concen: 5.007 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

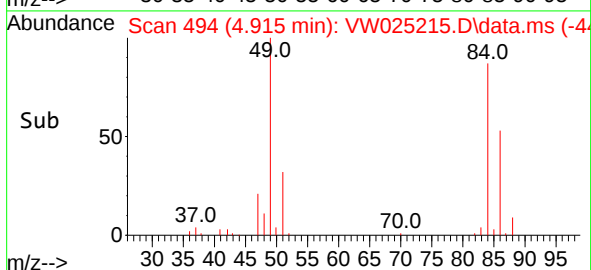
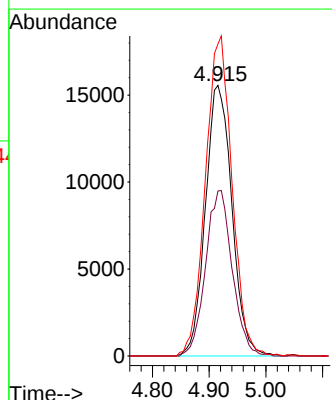
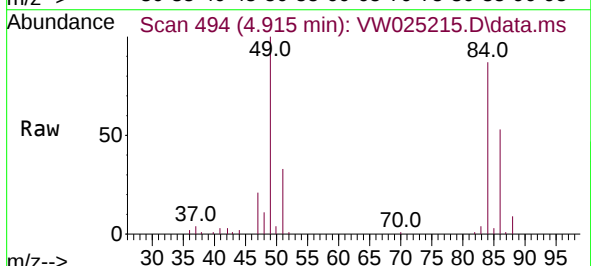
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

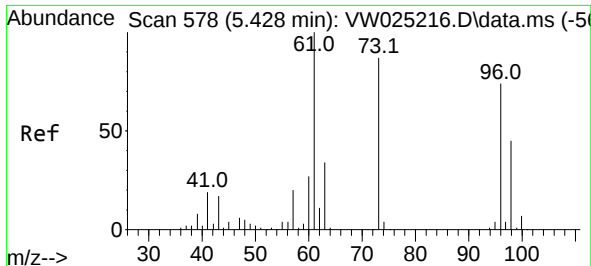
Tgt Ion: 43 Resp: 14045
Ion Ratio Lower Upper
43 100
74 24.5 20.4 30.6



#16
Methylene chloride
Concen: 5.801 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion: 84 Resp: 50618
Ion Ratio Lower Upper
84 100
86 61.0 43.4 80.6
49 115.3 82.0 152.2

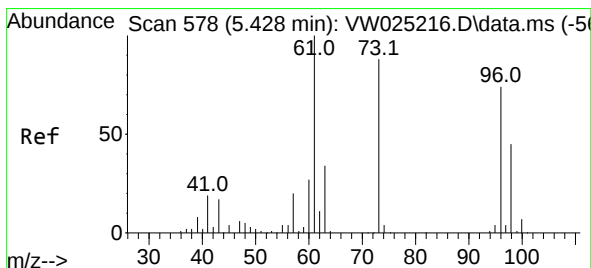
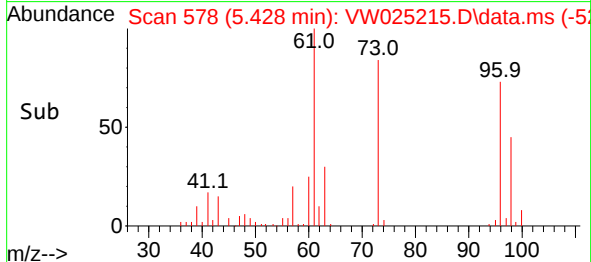
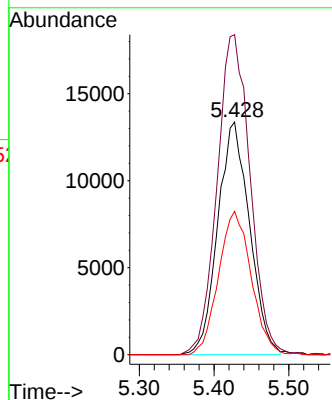
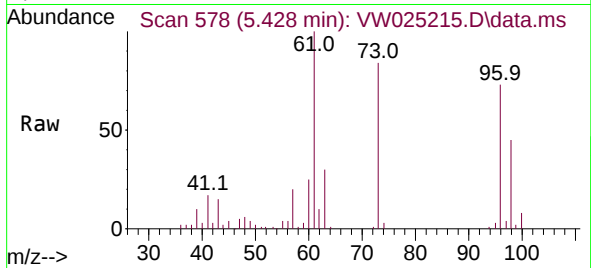




#17
trans-1,2-Dichloroethene
Concen: 5.273 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

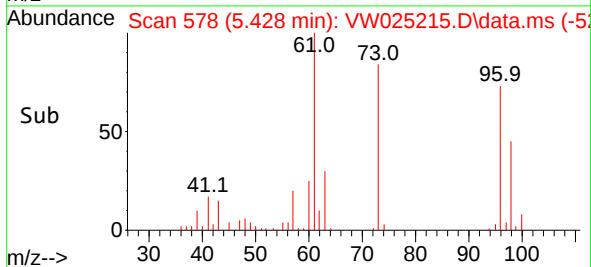
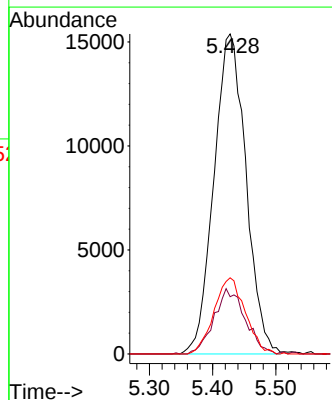
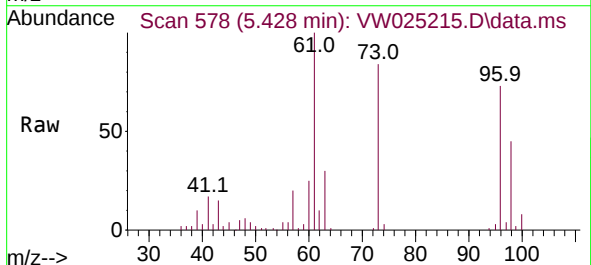
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

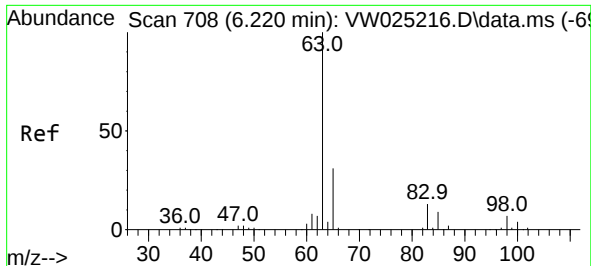
Tgt Ion: 96 Resp: 39500
Ion Ratio Lower Upper
96 100
61 137.6 94.2 175.0
98 61.7 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 5.154 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion: 73 Resp: 54125
Ion Ratio Lower Upper
73 100
43 10.8 15.2 22.8#
57 22.9 17.8 26.6





#19

1,1-Dichloroethane

Concen: 5.279 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

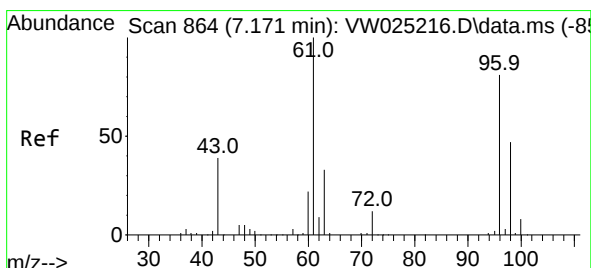
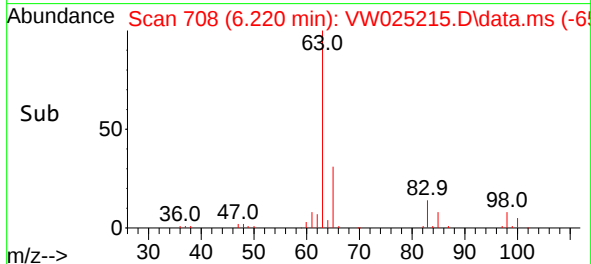
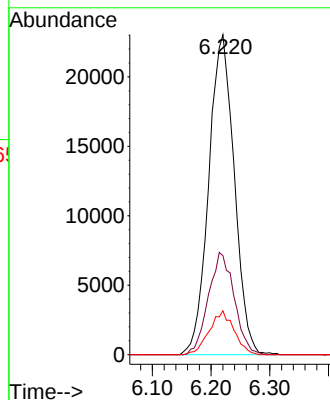
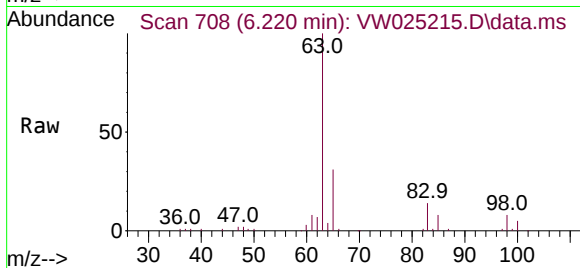
Tgt Ion: 63 Resp: 69566

Ion Ratio Lower Upper

63 100

65 30.9 21.7 40.3

83 13.7 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 5.255 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

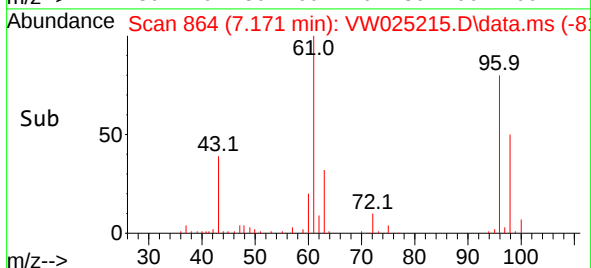
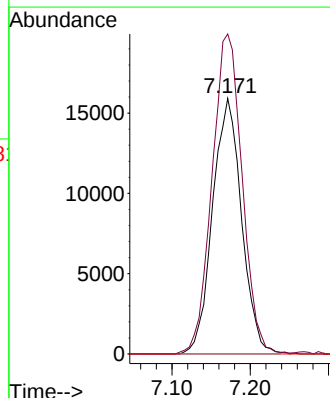
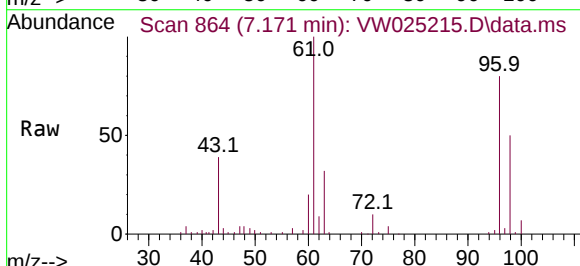
Tgt Ion: 96 Resp: 40918

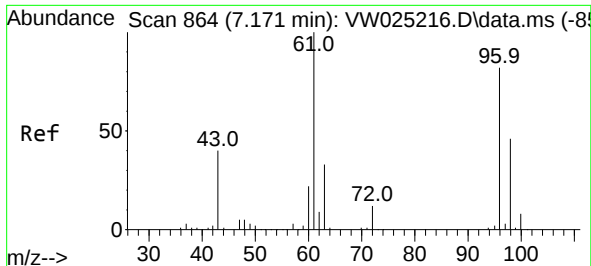
Ion Ratio Lower Upper

96 100

61 125.2 86.0 159.8

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 9.953 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

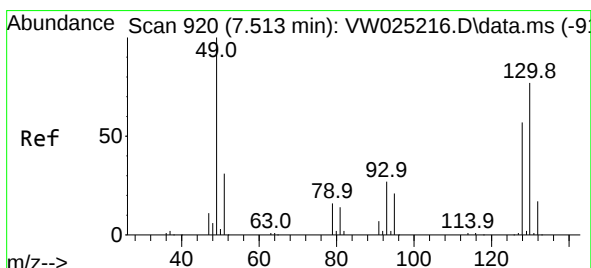
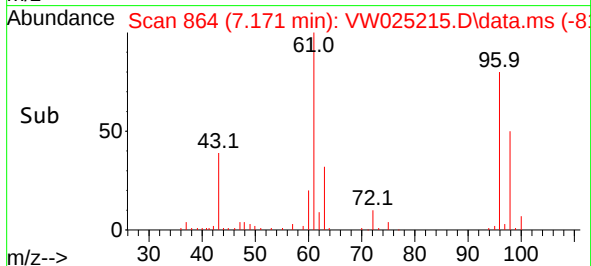
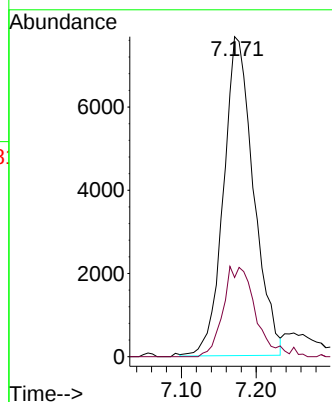
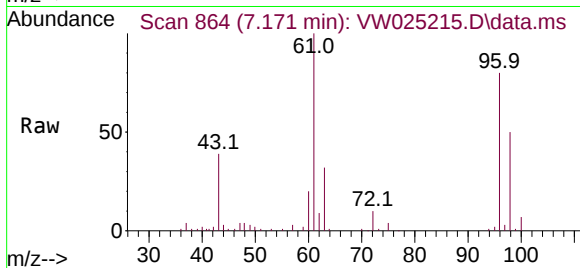
VSTD005480

Tgt Ion: 43 Resp: 21469

Ion Ratio Lower Upper

43 100

72 12.6 14.7 44.1#



#23

Bromochloromethane

Concen: 5.196 ug/L

RT: 7.512 min Scan# 920

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Tgt Ion: 128 Resp: 16888

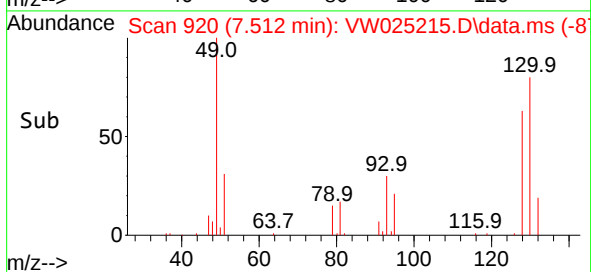
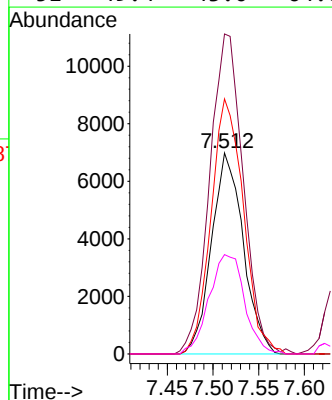
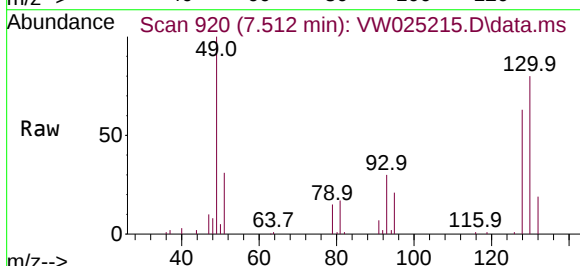
Ion Ratio Lower Upper

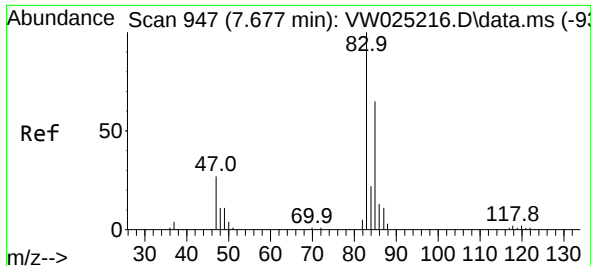
128 100

49 159.2 122.1 226.7

130 126.9 94.0 174.6

51 49.4 43.0 64.6

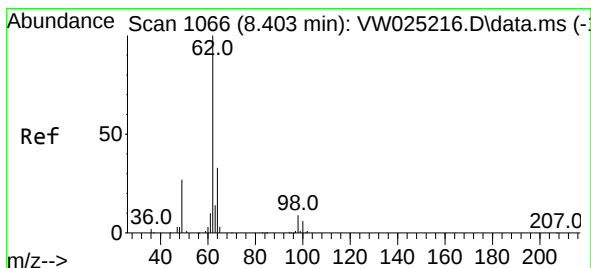
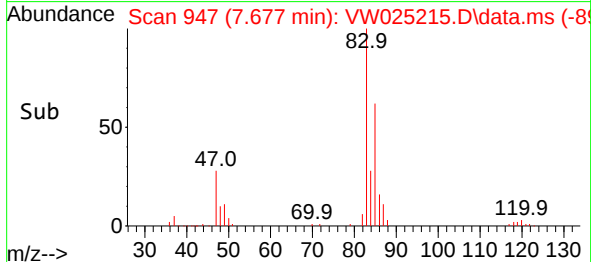
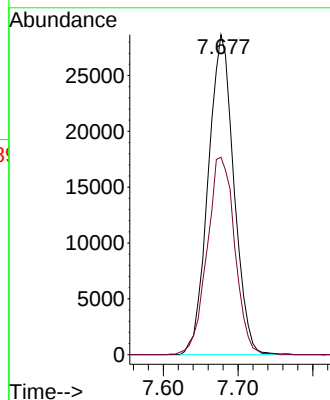
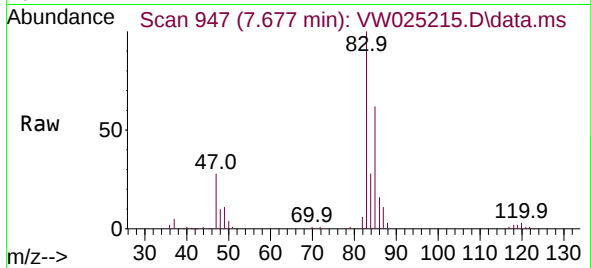




#25
Chloroform
Concen: 5.288 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

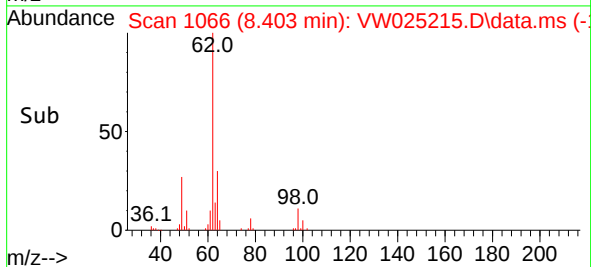
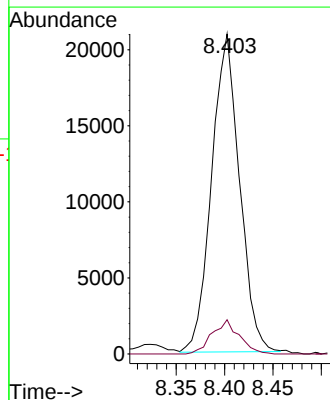
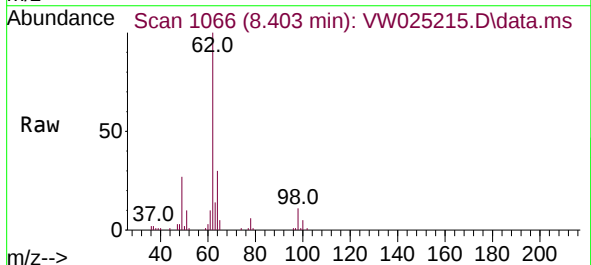
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

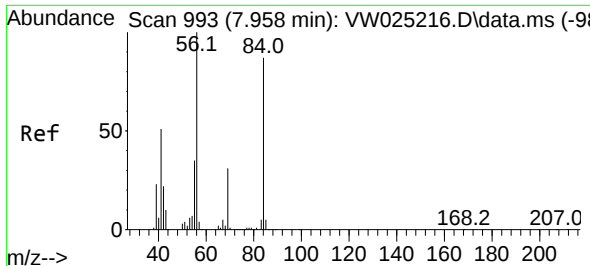
Tgt Ion: 83 Resp: 68516
Ion Ratio Lower Upper
83 100
85 61.7 45.8 85.2



#27
1,2-Dichloroethane
Concen: 5.232 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion: 62 Resp: 41960
Ion Ratio Lower Upper
62 100
98 10.7 7.5 11.3





#29

Cyclohexane

Concen: 5.304 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

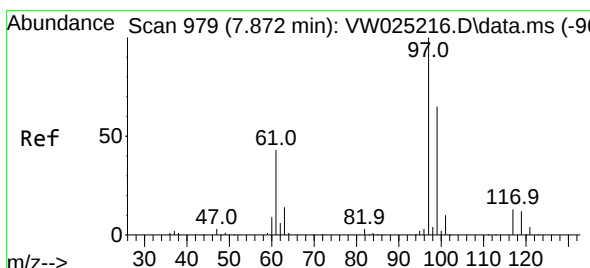
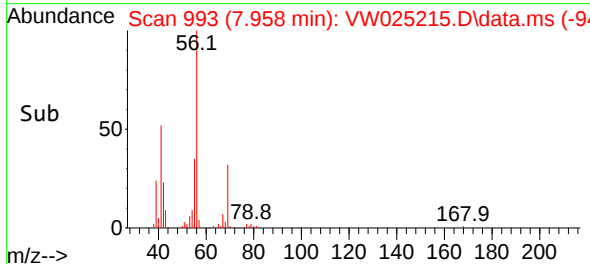
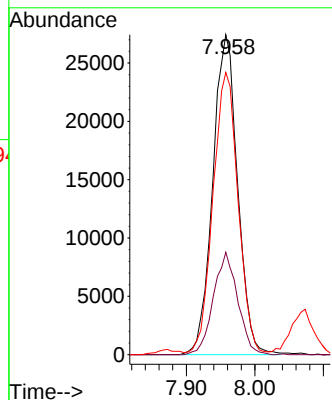
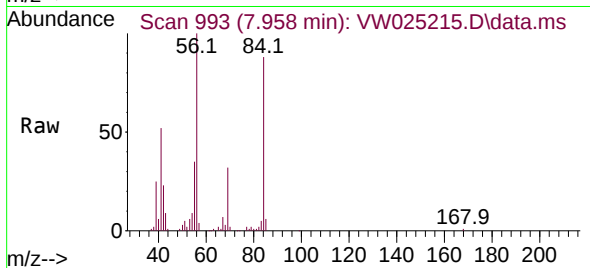
Tgt Ion: 56 Resp: 68993

Ion Ratio Lower Upper

56 100

69 31.2 25.1 37.7

84 88.9 71.0 106.4



#30

1,1,1-Trichloroethane

Concen: 5.338 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

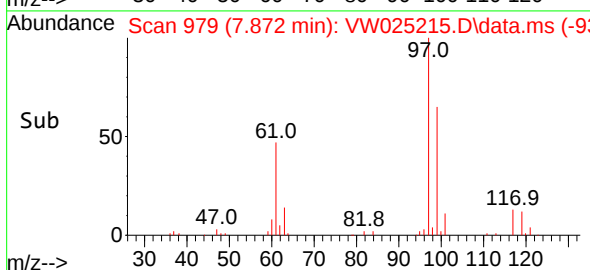
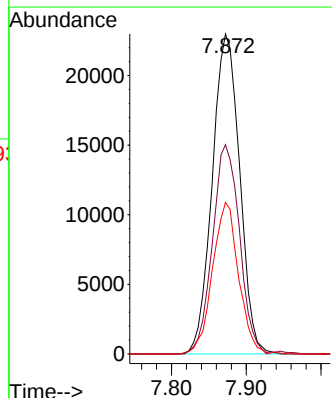
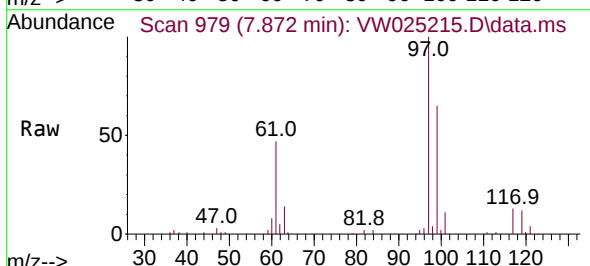
Tgt Ion: 97 Resp: 58499

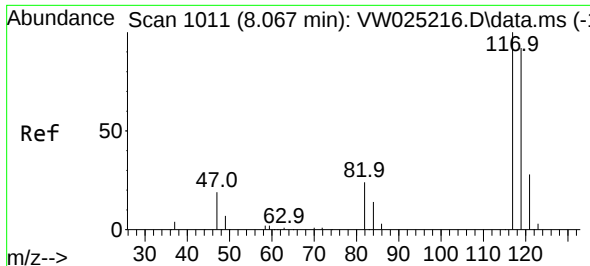
Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 44.9 35.6 53.4

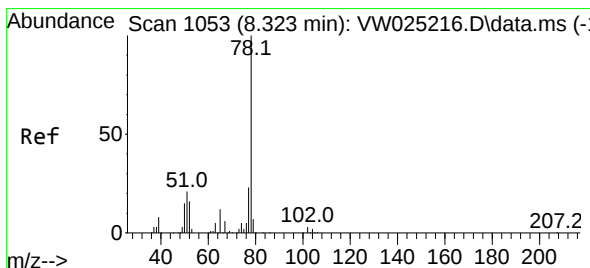
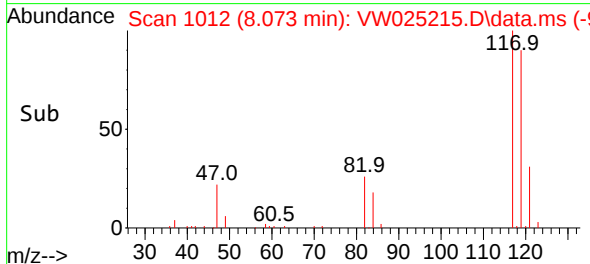
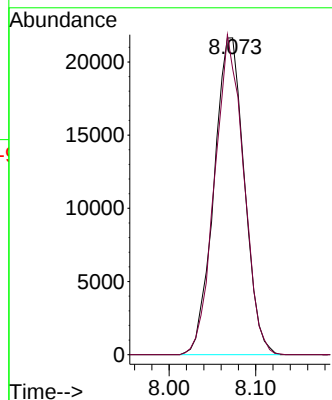
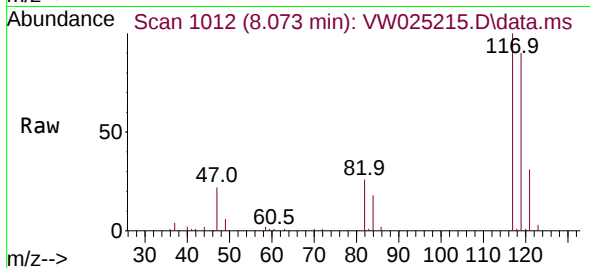




#31
Carbon tetrachloride
Concen: 5.285 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

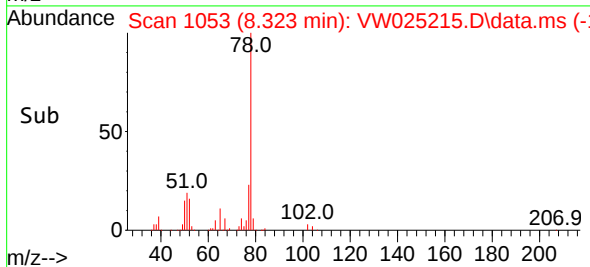
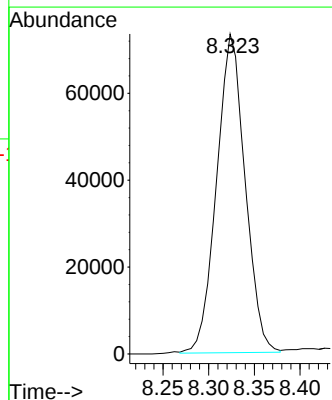
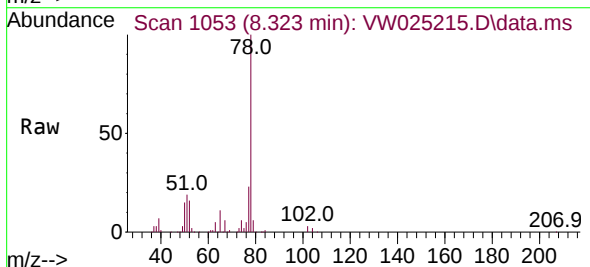
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

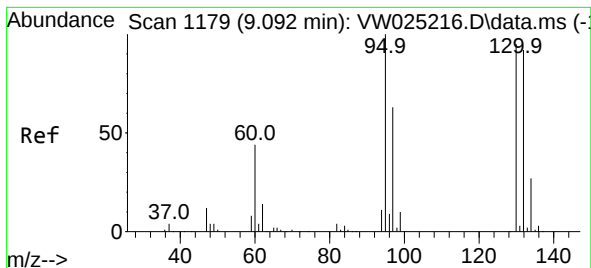
Tgt Ion:117 Resp: 52747
Ion Ratio Lower Upper
117 100
119 96.4 76.3 114.5



#33
Benzene
Concen: 5.329 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion: 78 Resp: 158984





#34

Trichloroethene

Concen: 5.350 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

Tgt Ion: 95 Resp: 41623

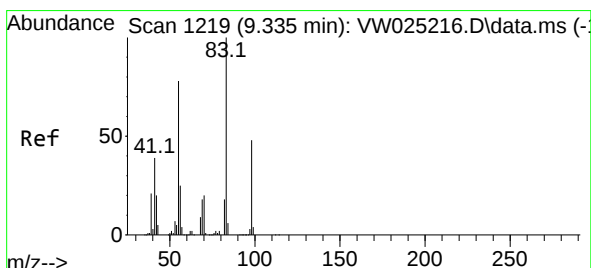
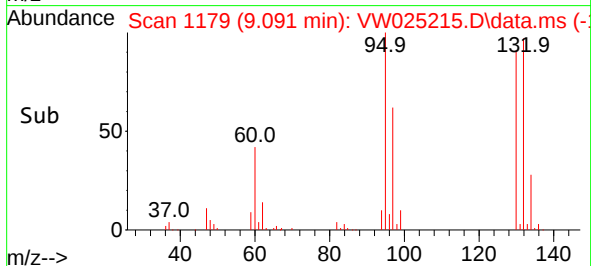
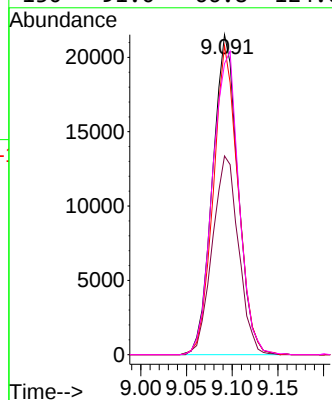
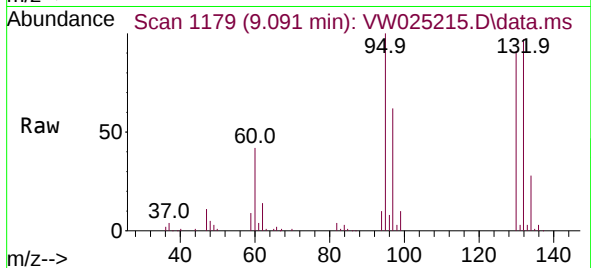
Ion Ratio Lower Upper

95 100

97 62.1 44.4 82.4

132 96.6 64.5 119.7

130 91.0 66.8 124.0



#35

Methylcyclohexane

Concen: 5.268 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

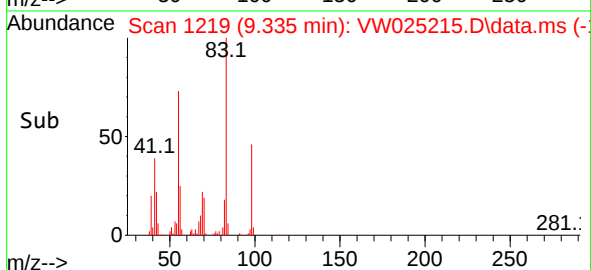
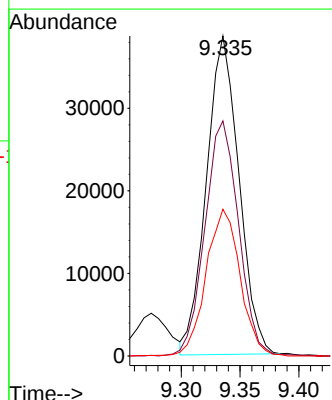
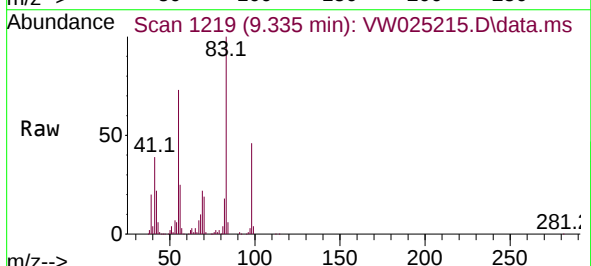
Tgt Ion: 83 Resp: 74367

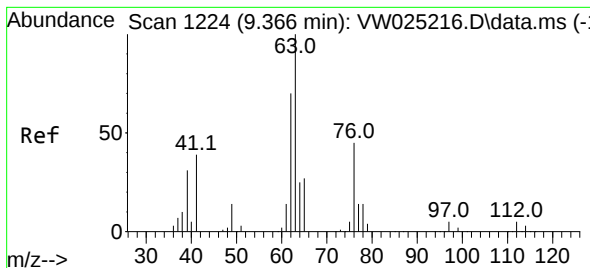
Ion Ratio Lower Upper

83 100

55 76.5 61.0 91.4

98 48.3 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.396 ug/L

RT: 9.366 min Scan# 112

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

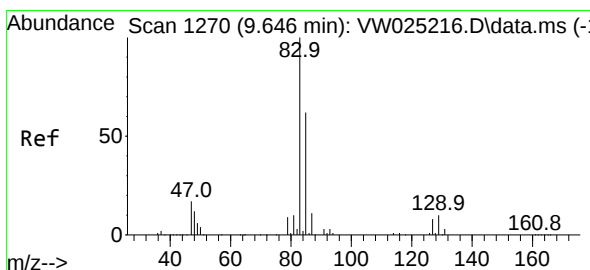
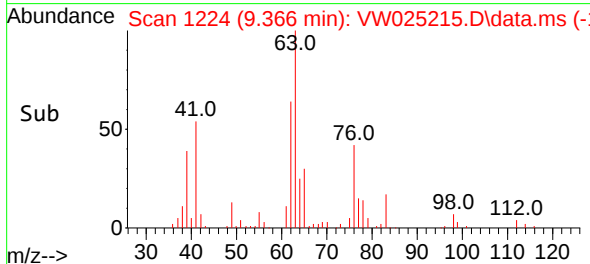
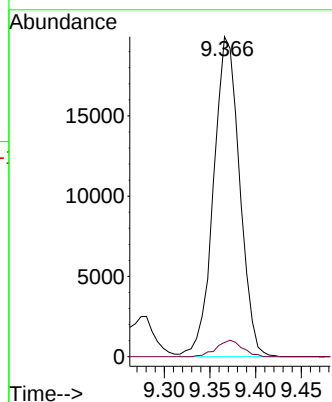
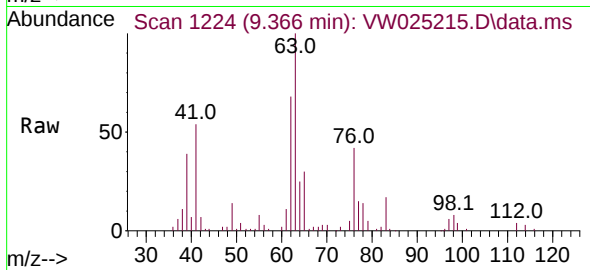
VSTD005480

Tgt Ion: 63 Resp: 39583

Ion Ratio Lower Upper

63 100

112 5.1 3.7 5.5



#38

Bromodichloromethane

Concen: 5.151 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

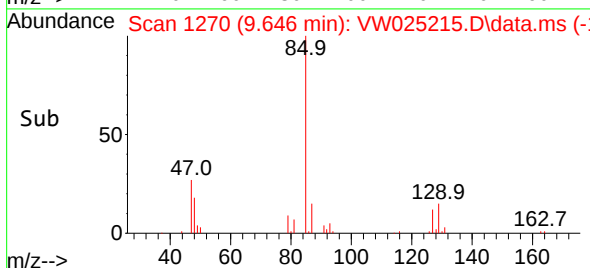
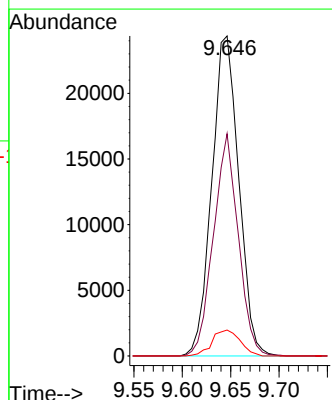
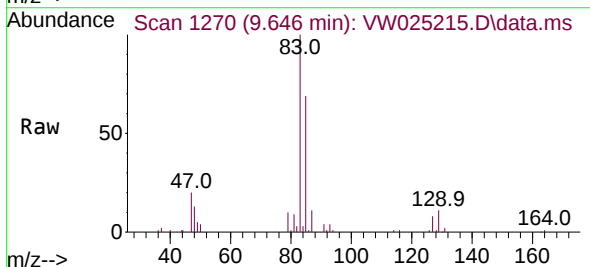
Tgt Ion: 83 Resp: 47231

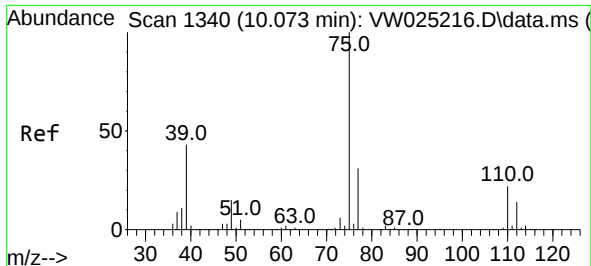
Ion Ratio Lower Upper

83 100

85 69.5 43.4 80.6

127 8.1 6.6 10.0

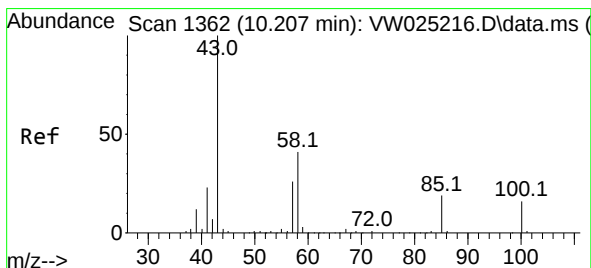
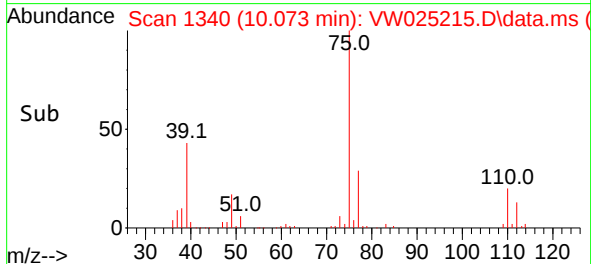
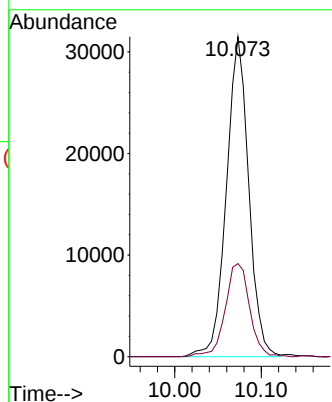
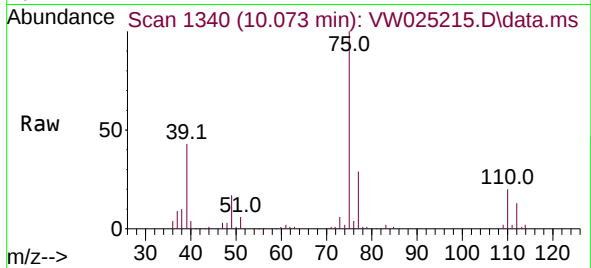




#39
 cis-1,3-Dichloropropene
 Concen: 5.030 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.000 min
 Lab File: VW025215.D
 Acq: 03 Jan 2023 13:04

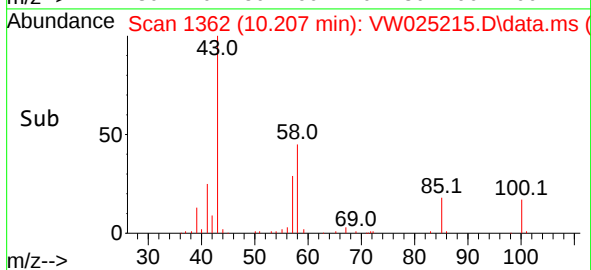
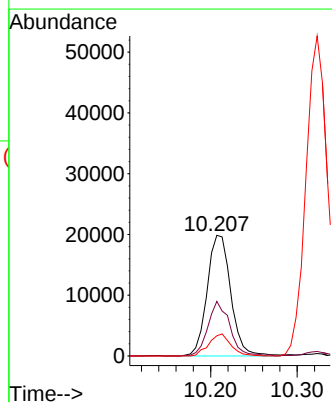
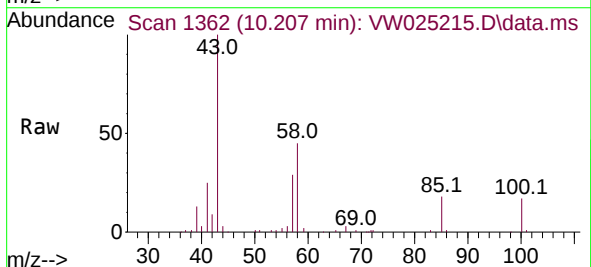
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005480

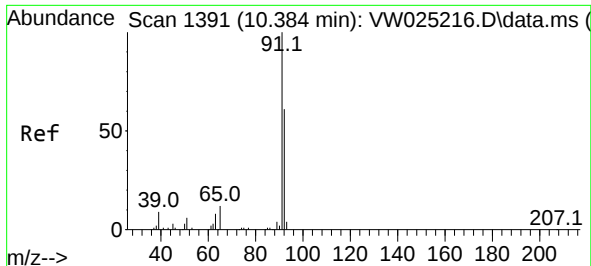
Tgt Ion: 75 Resp: 56279
 Ion Ratio Lower Upper
 75 100
 77 29.1 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 9.838 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW025215.D
 Acq: 03 Jan 2023 13:04

Tgt Ion: 43 Resp: 37661
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.0 49.6
 100 17.0 13.4 20.2

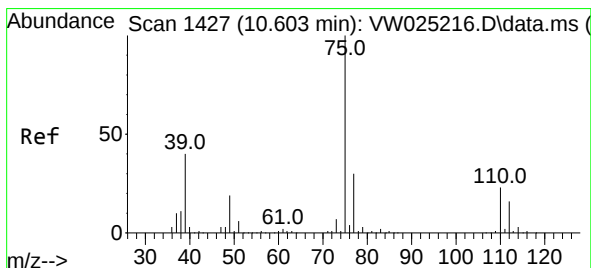
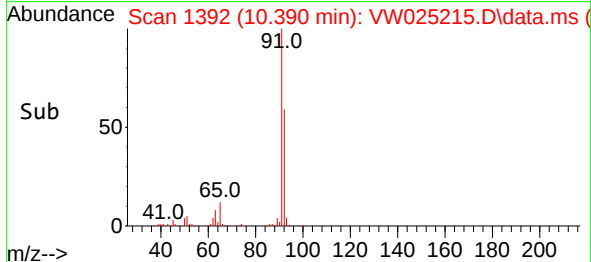
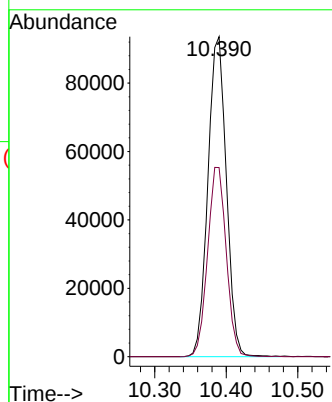
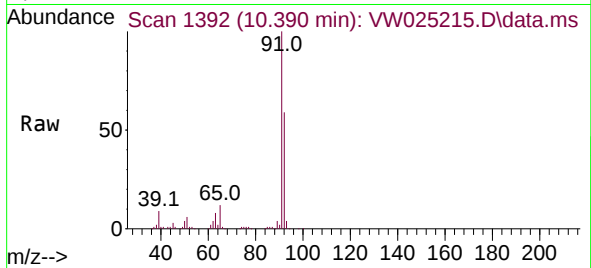




#42
Toluene
Concen: 5.344 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

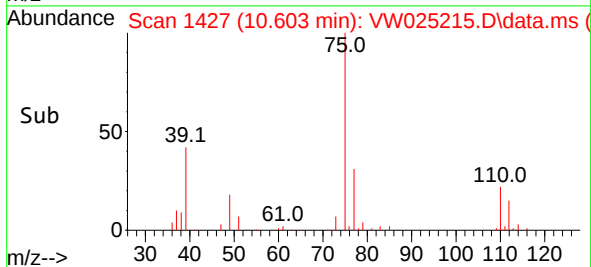
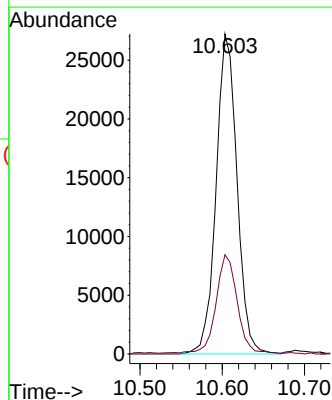
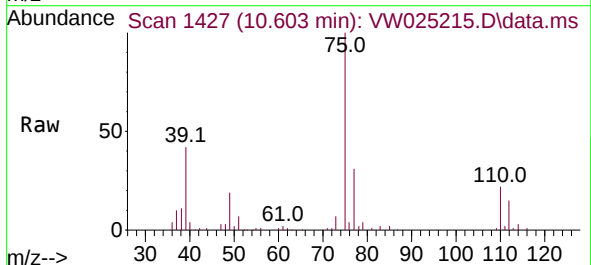
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

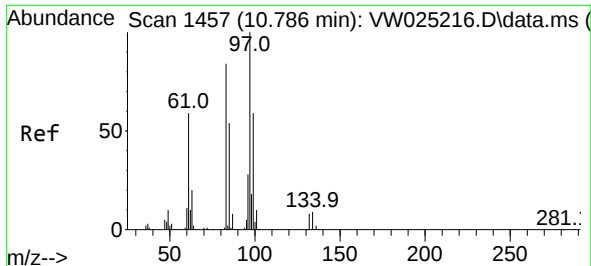
Tgt Ion: 91 Resp: 167676
Ion Ratio Lower Upper
91 100
92 59.1 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 5.014 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion: 75 Resp: 47997
Ion Ratio Lower Upper
75 100
77 31.0 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 5.207 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

Tgt Ion: 97 Resp: 26496

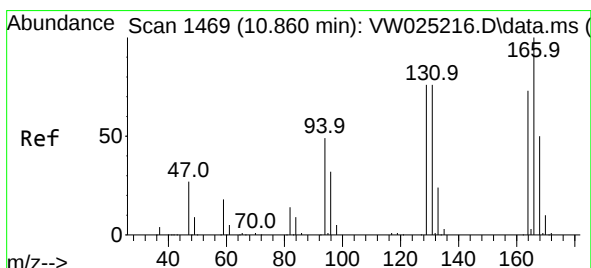
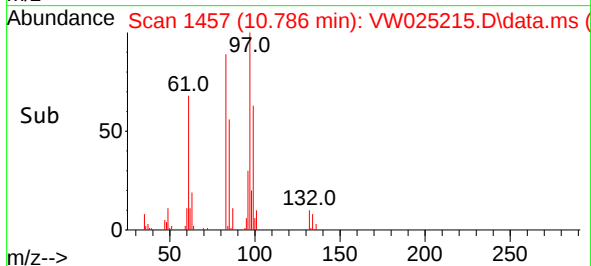
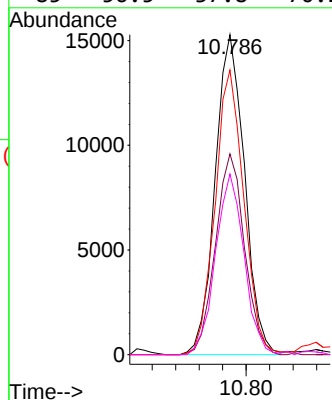
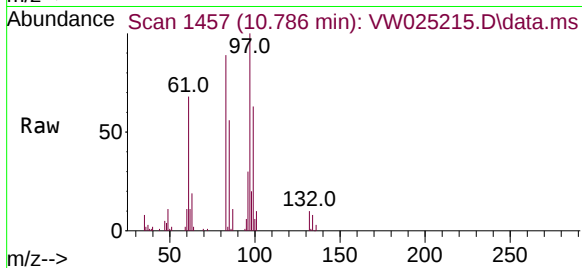
Ion Ratio Lower Upper

97 100

99 62.8 41.1 76.3

83 88.9 58.6 108.8

85 56.5 37.8 70.2



#46

Tetrachloroethene

Concen: 5.483 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Tgt Ion:164 Resp: 31341

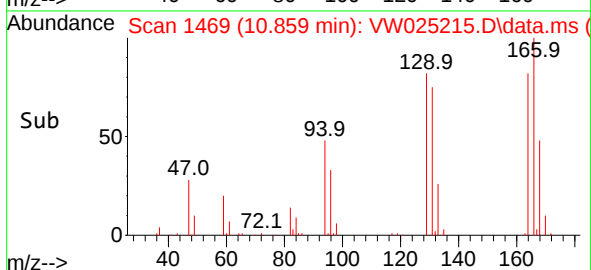
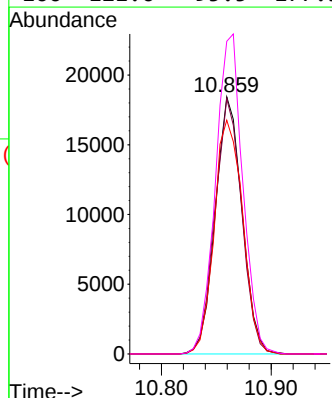
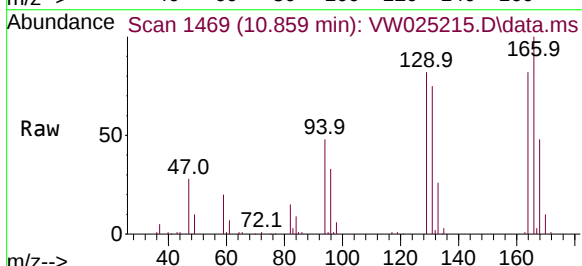
Ion Ratio Lower Upper

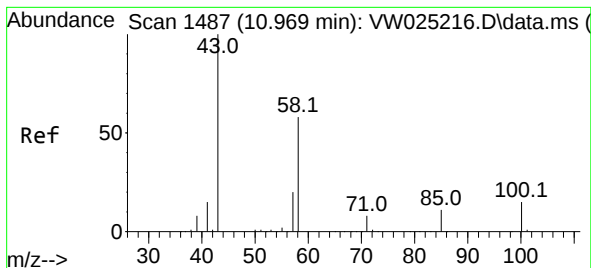
164 100

129 99.3 72.8 135.2

131 90.9 72.2 134.2

166 121.6 95.5 177.3

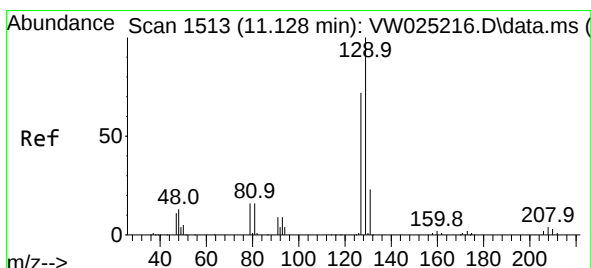
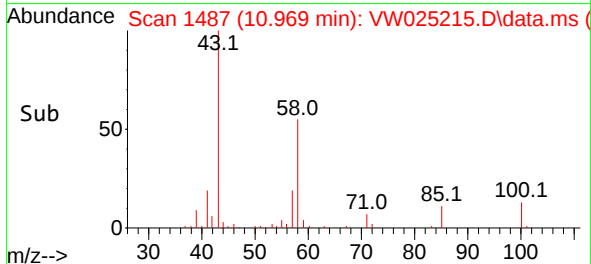
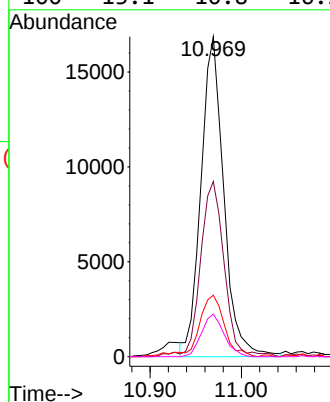
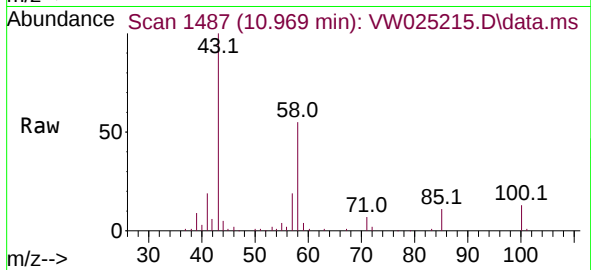




#48
2-Hexanone
Concen: 9.977 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

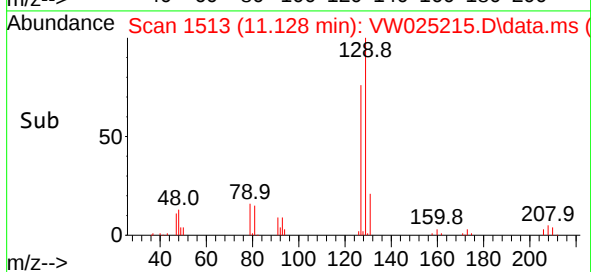
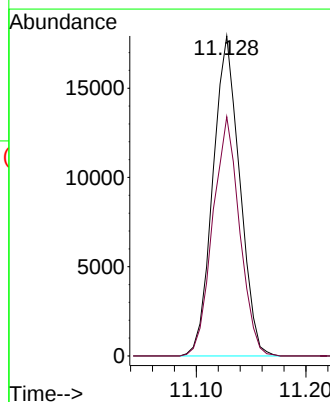
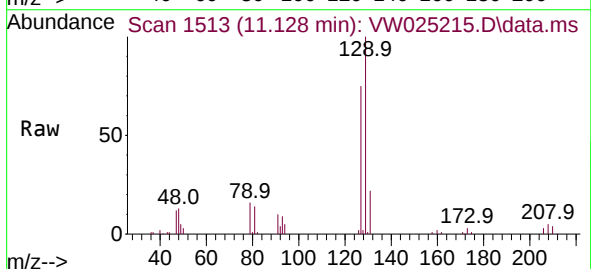
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

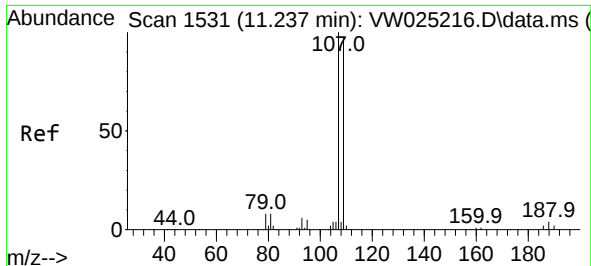
Tgt Ion: 43	Resp: 29292
Ion Ratio	Lower Upper
43 100	
58 54.4	45.8 68.6
57 20.0	16.2 24.4
100 13.1	10.8 16.2



#49
Dibromochloromethane
Concen: 5.126 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion:129	Resp:	30441	
Ion	Ratio	Lower	Upper
129	100		
127	74.8	50.4	93.6





#50

1,2-Dibromoethane

Concen: 5.183 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

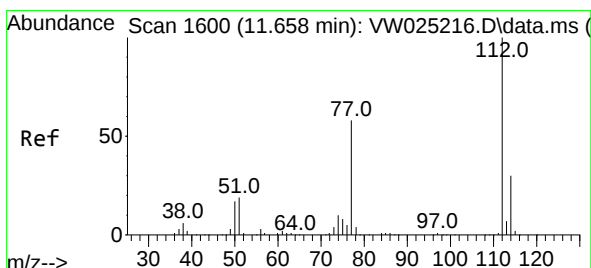
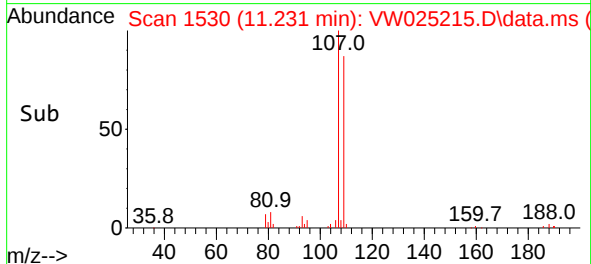
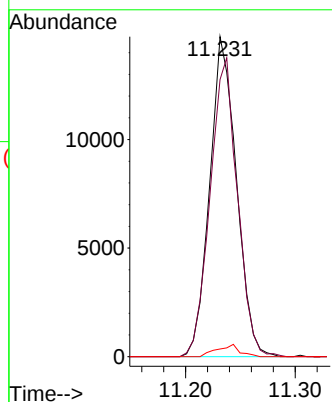
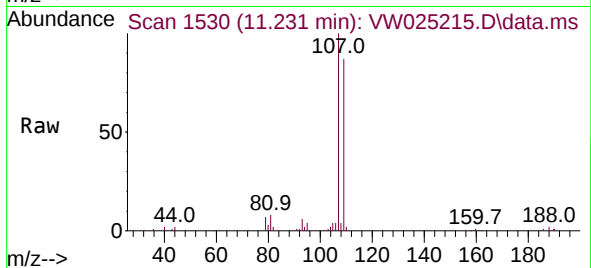
Tgt Ion:107 Resp: 24949

Ion Ratio Lower Upper

107 100

109 86.6 68.2 126.6

188 2.4 3.1 4.7#



#51

Chlorobenzene

Concen: 5.308 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

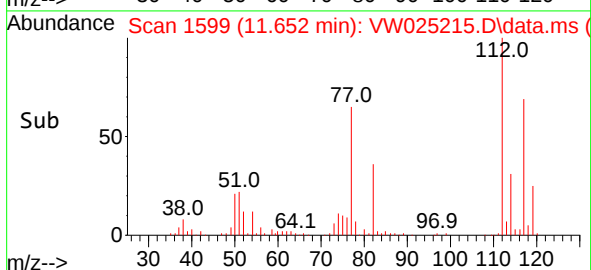
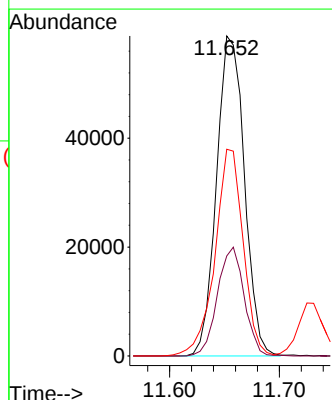
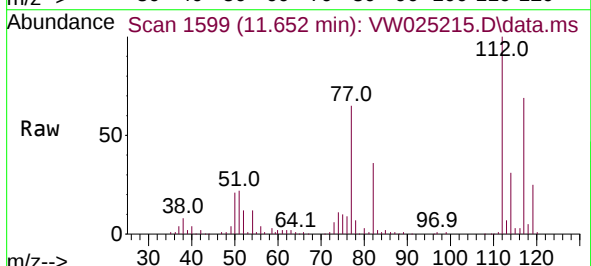
Tgt Ion:112 Resp: 104015

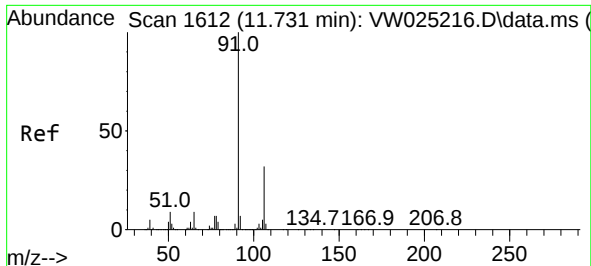
Ion Ratio Lower Upper

112 100

114 31.3 21.1 39.1

77 64.6 46.6 69.8

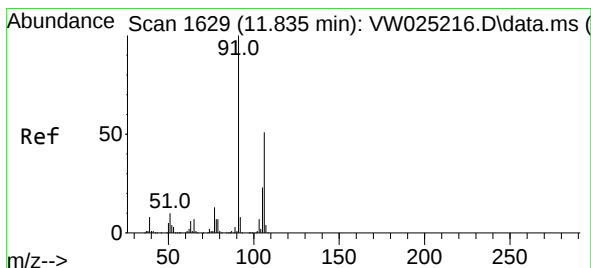
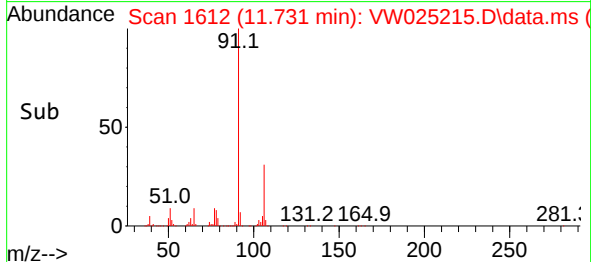
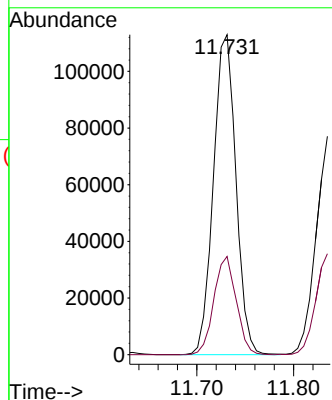
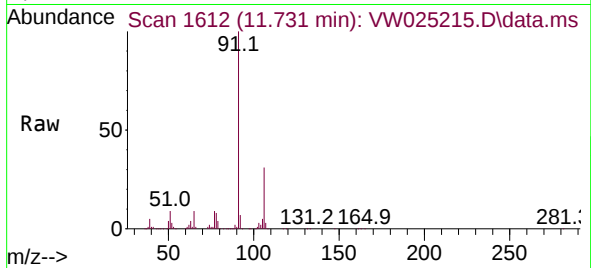




#52
Ethylbenzene
Concen: 5.221 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

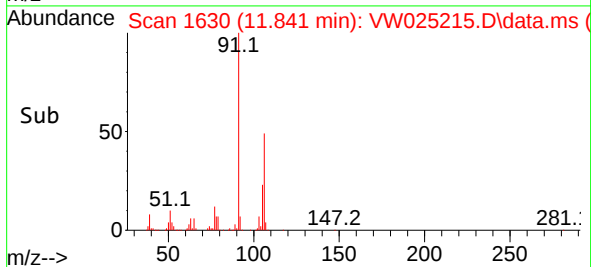
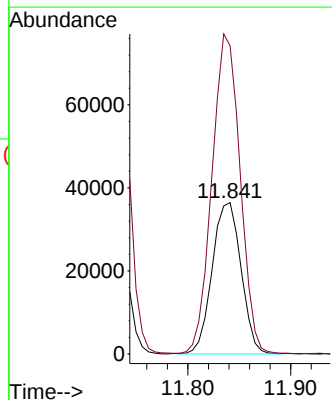
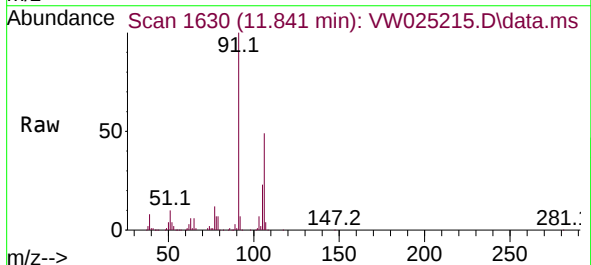
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

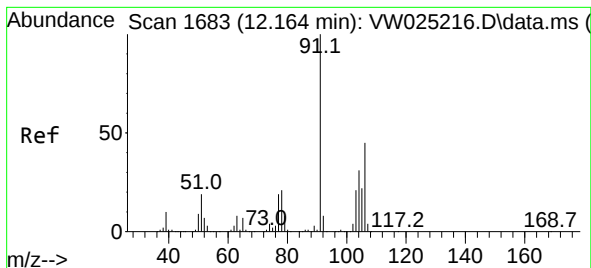
Tgt Ion: 91 Resp: 182547
Ion Ratio Lower Upper
91 100
106 30.7 22.1 41.1



#53
m,p-Xylene
Concen: 5.250 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion:106 Resp: 70940
Ion Ratio Lower Upper
106 100
91 203.5 138.5 257.3





#54

o-Xylene

Concen: 5.467 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

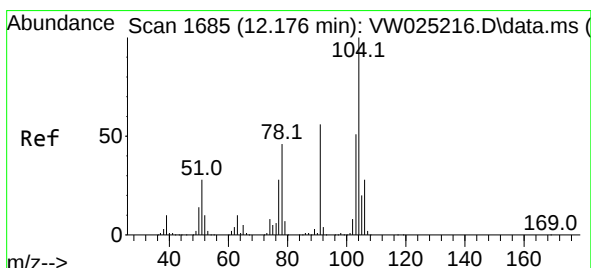
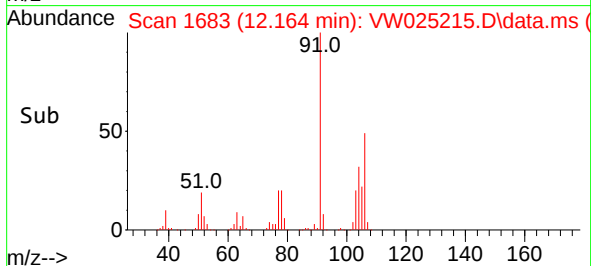
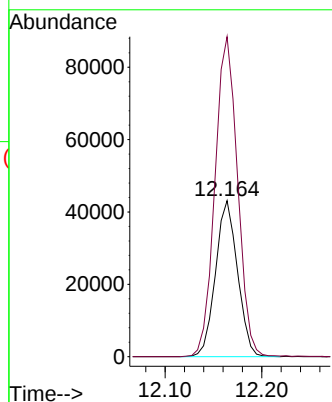
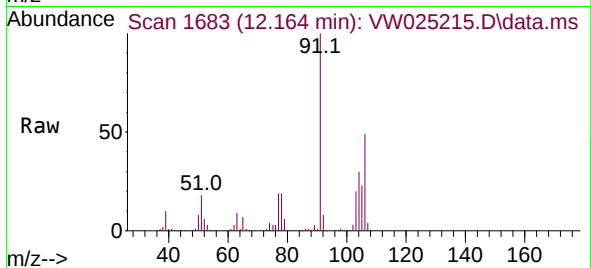
VSTD005480

Tgt Ion:106 Resp: 67986

Ion Ratio Lower Upper

106 100

91 205.2 155.3 288.5



#55

Styrene

Concen: 5.340 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW025215.D

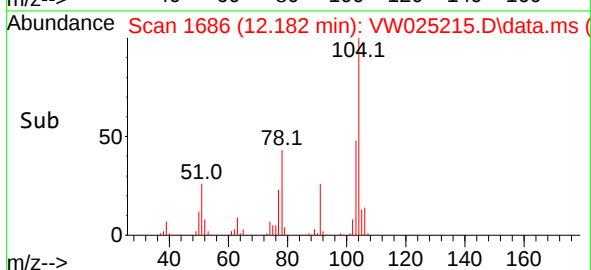
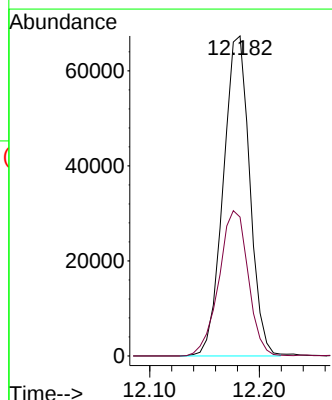
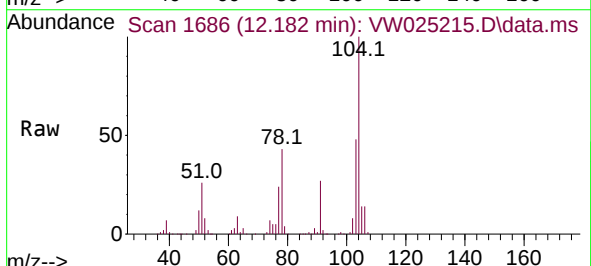
Acq: 03 Jan 2023 13:04

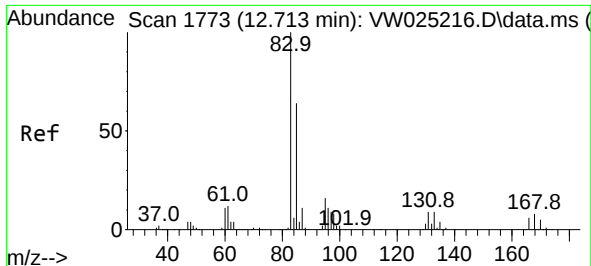
Tgt Ion:104 Resp: 112869

Ion Ratio Lower Upper

104 100

78 43.4 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 5.480 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

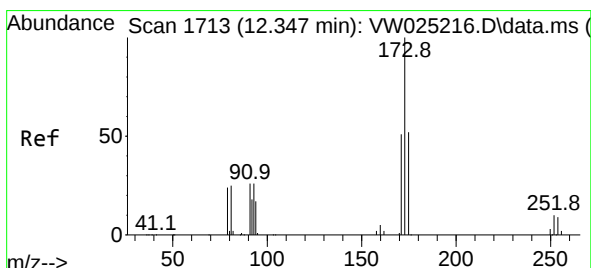
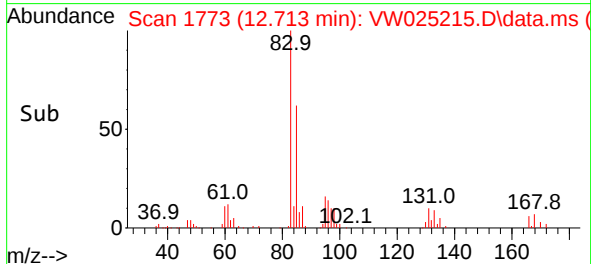
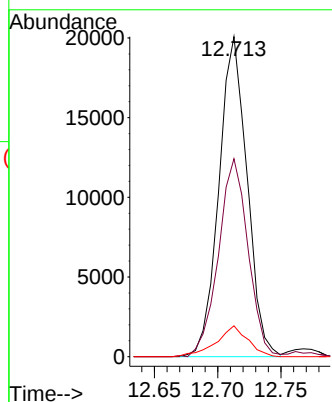
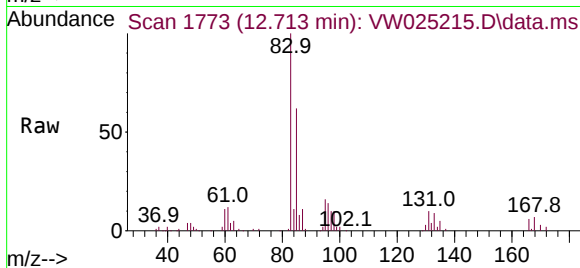
Tgt Ion: 83 Resp: 31095

Ion Ratio Lower Upper

83 100

85 61.9 44.8 83.2

131 9.7 7.4 11.0



#59

Bromoform

Concen: 4.800 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

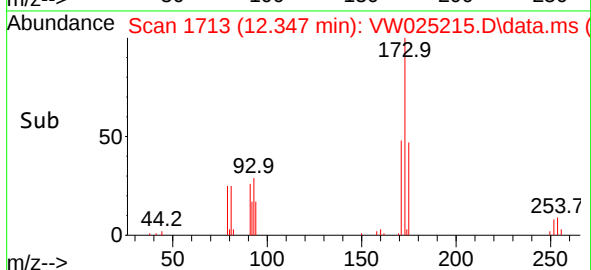
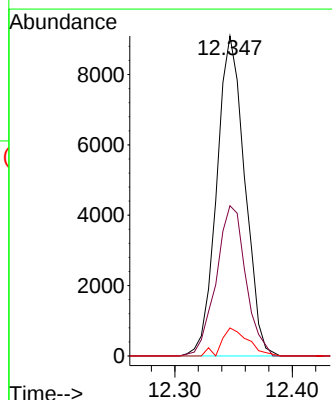
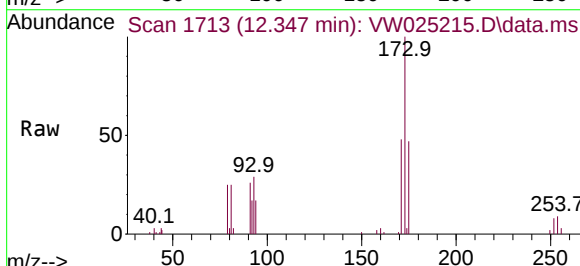
Tgt Ion: 173 Resp: 15084

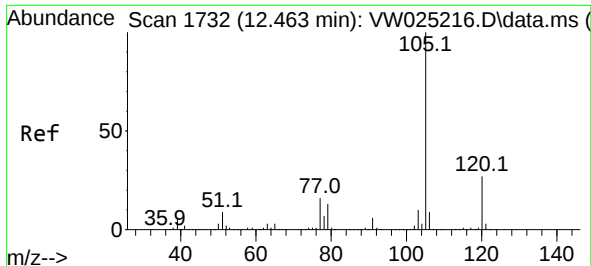
Ion Ratio Lower Upper

173 100

175 49.4 40.7 61.1

254 7.8 6.7 10.1

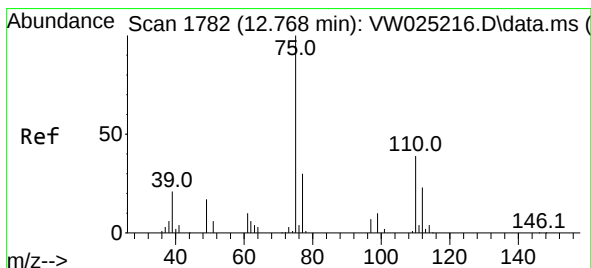
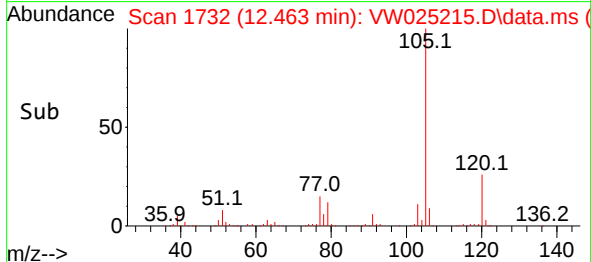
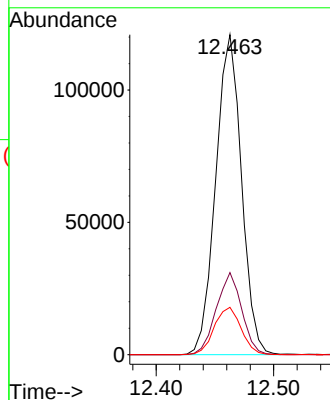
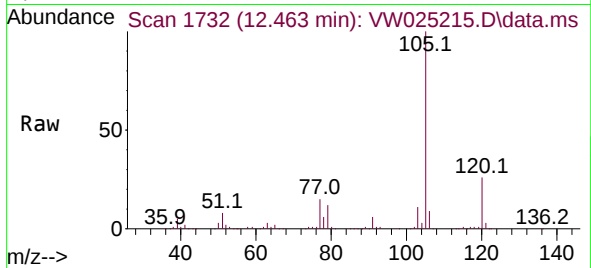




#60
Isopropylbenzene
Concen: 5.140 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

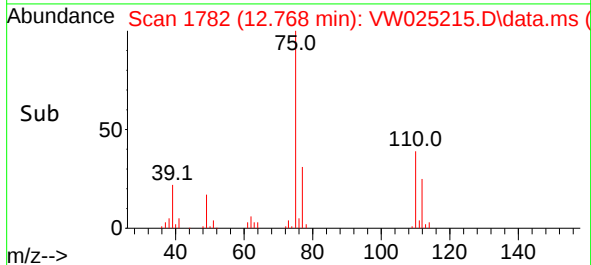
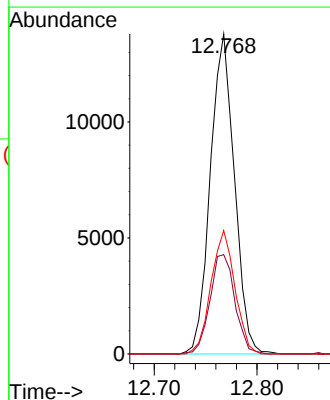
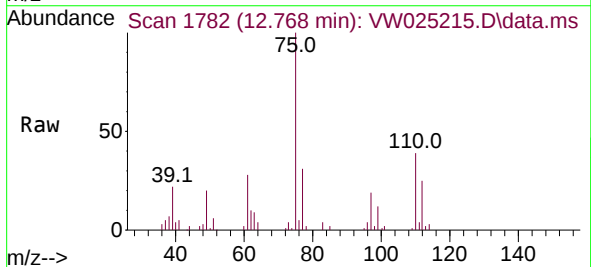
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

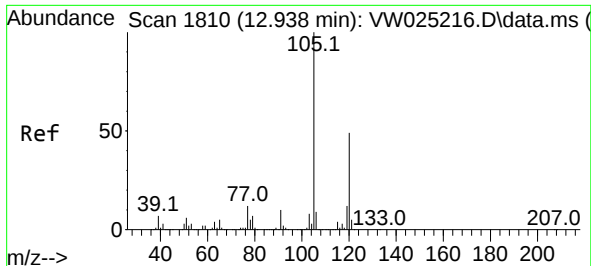
Tgt Ion:105 Resp: 184496
Ion Ratio Lower Upper
105 100
120 25.3 20.7 31.1
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.057 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion: 75 Resp: 22476
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 38.2 31.2 46.8

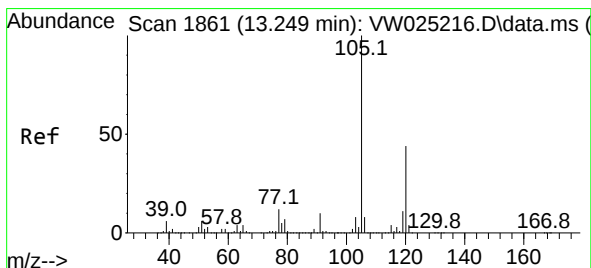
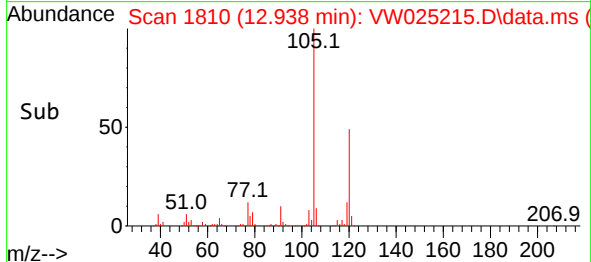
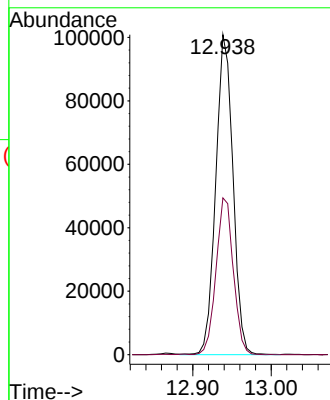
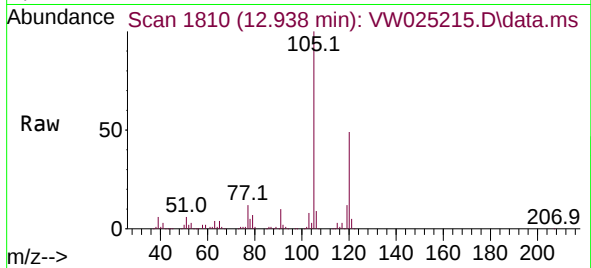




#62
1,3,5-Trimethylbenzene
Concen: 5.060 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

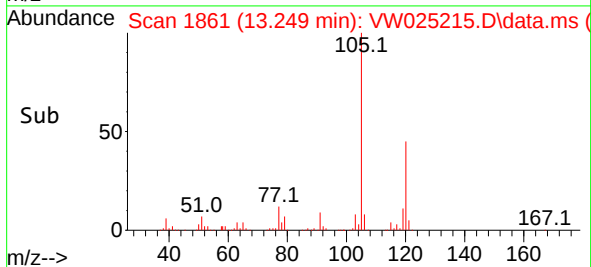
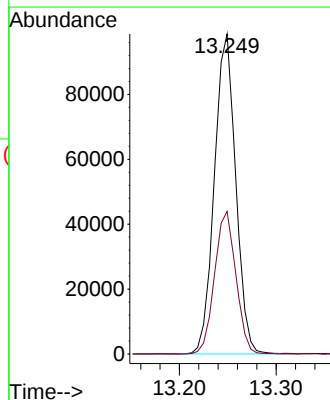
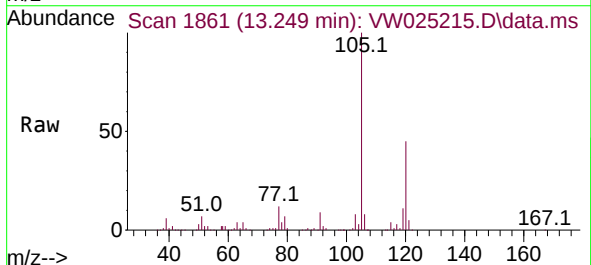
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

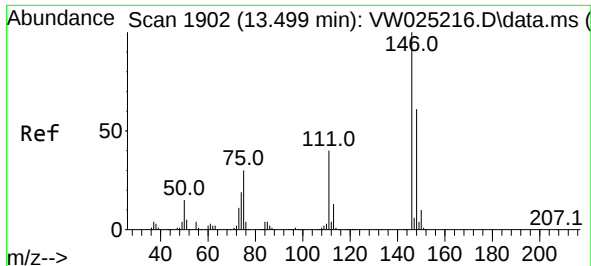
Tgt Ion:105 Resp: 153996
Ion Ratio Lower Upper
105 100
120 49.2 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 5.031 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion:105 Resp: 151043
Ion Ratio Lower Upper
105 100
120 44.5 35.1 52.7

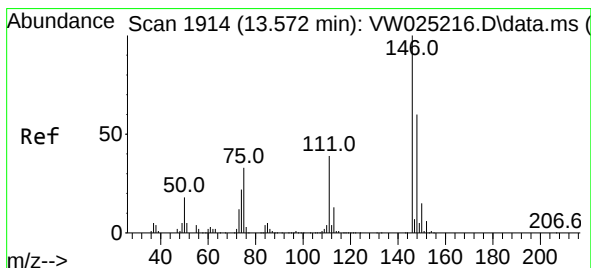
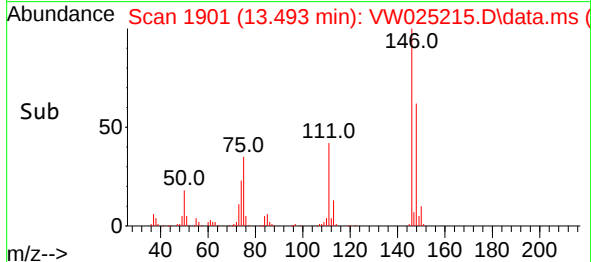
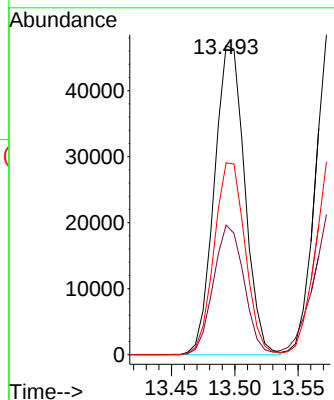
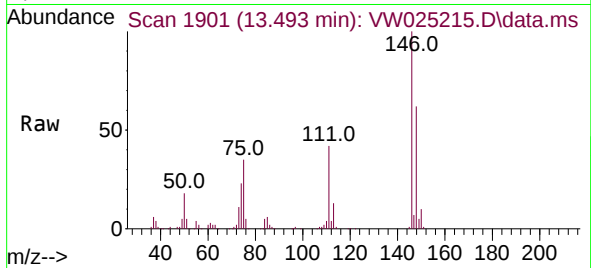




#64
1,3-Dichlorobenzene
Concen: 5.336 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

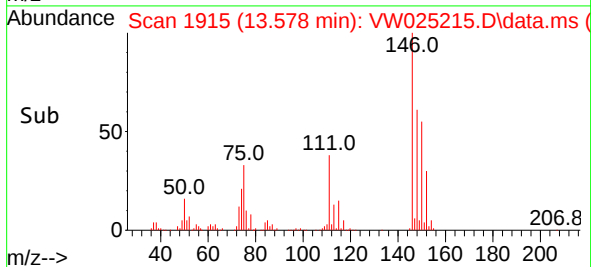
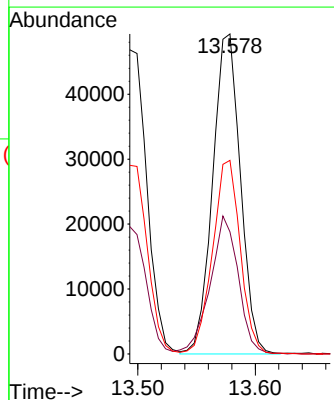
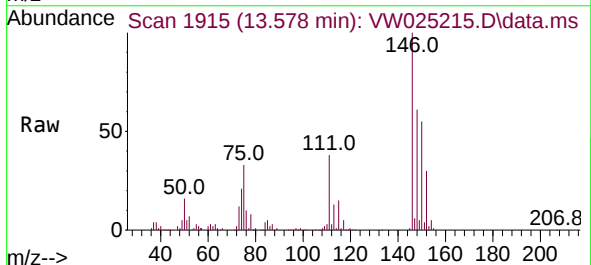
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

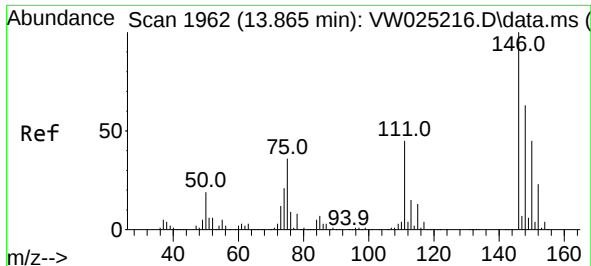
Tgt Ion:146 Resp: 78290
Ion Ratio Lower Upper
146 100
111 41.9 28.3 52.7
148 62.0 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 5.566 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion:146 Resp: 80941
Ion Ratio Lower Upper
146 100
111 38.2 27.4 51.0
148 60.5 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 5.393 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

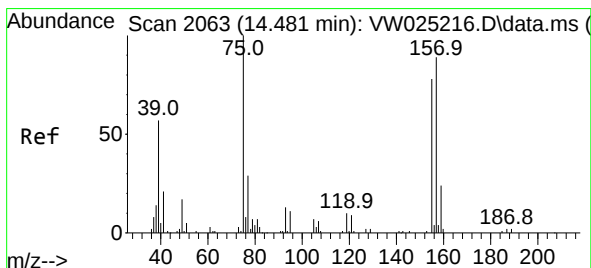
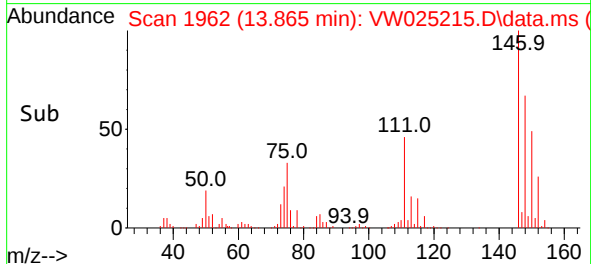
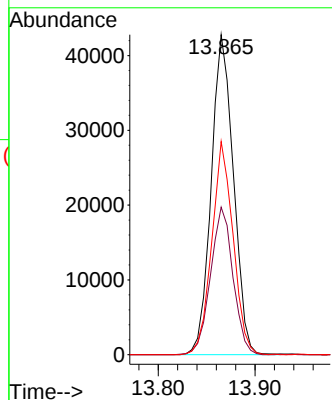
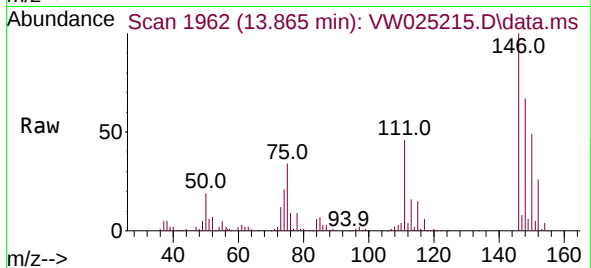
Tgt Ion:146 Resp: 68294

Ion Ratio Lower Upper

146 100

111 46.1 36.1 54.1

148 66.6 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 5.120 ug/L

RT: 14.475 min Scan# 2062

Delta R.T. -0.006 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

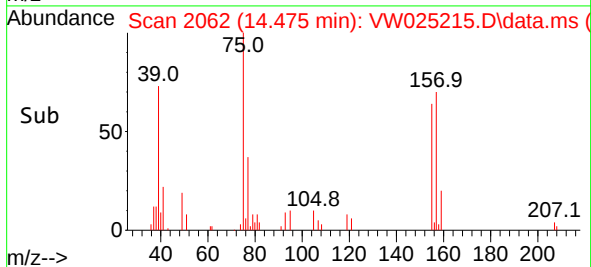
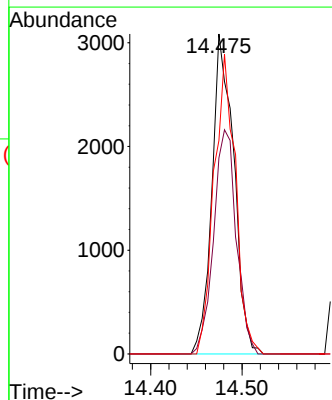
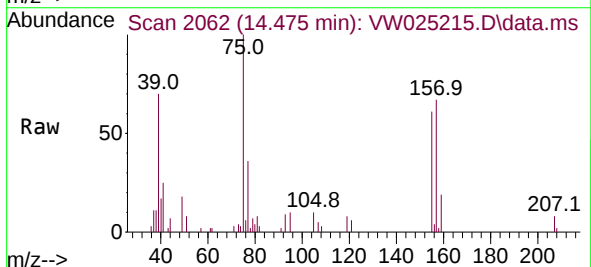
Tgt Ion: 75 Resp: 5097

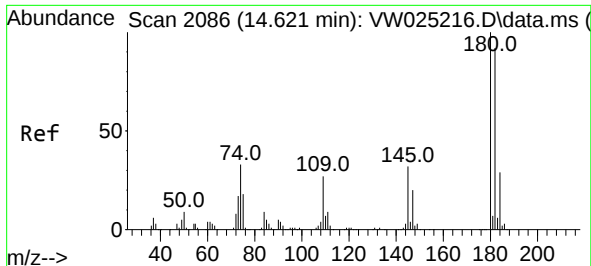
Ion Ratio Lower Upper

75 100

155 61.3 62.3 93.5#

157 66.7 71.1 106.7#

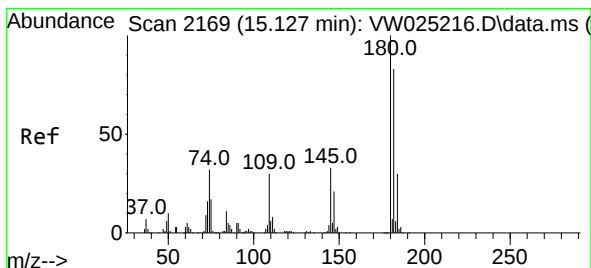
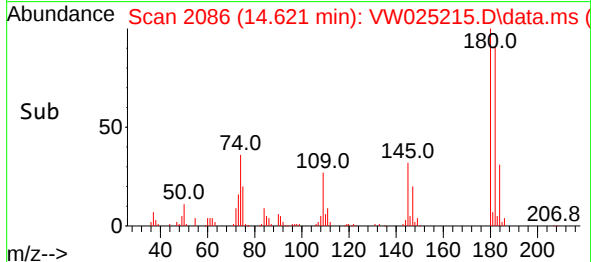
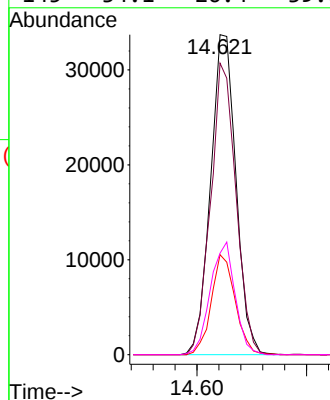
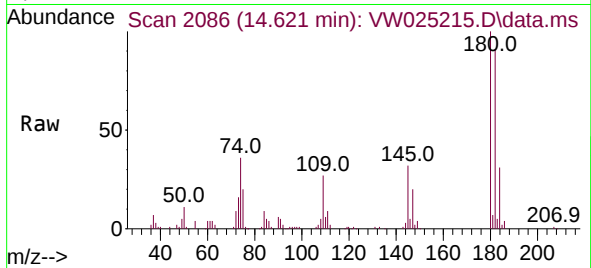




#69
1,3,5-Trichlorobenzene
Concen: 5.201 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

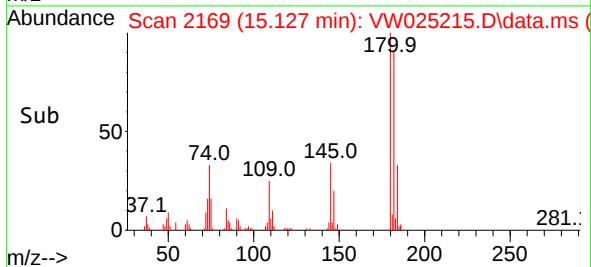
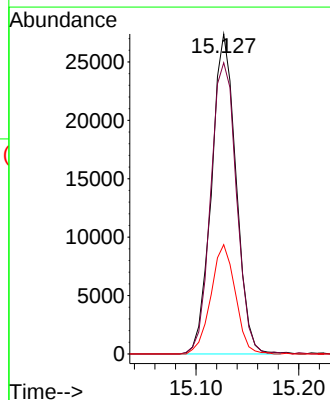
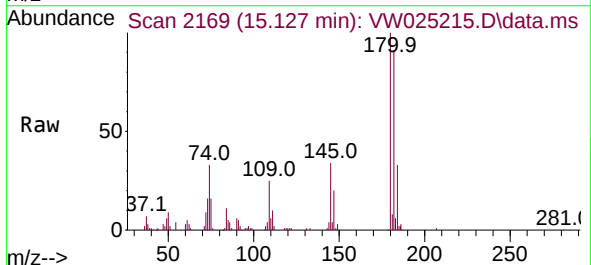
Instrument :
MSVOA_W
ClientSampleId :
VSTD005480

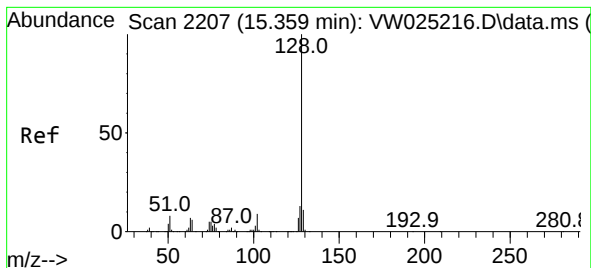
Tgt Ion:180	Resp:	54368
Ion Ratio	Lower	Upper
180	100	
182	90.4	75.1 112.7
184	29.4	23.3 34.9
145	34.1	26.4 39.6



#70
1,2,4-trichlorobenzene
Concen: 5.104 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW025215.D
Acq: 03 Jan 2023 13:04

Tgt Ion:180	Resp:	45304
Ion Ratio	Lower	Upper
180	100	
182	95.6	72.5 108.7
145	34.1	27.0 40.4





#71

Naphthalene

Concen: 4.523 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Instrument :

MSVOA_W

ClientSampleId :

VSTD005480

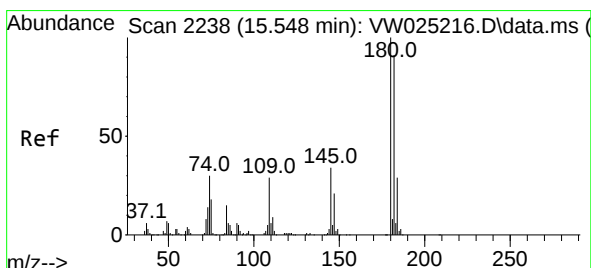
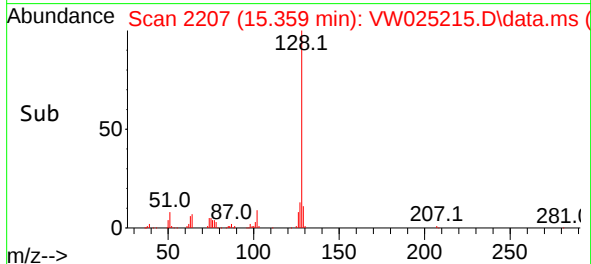
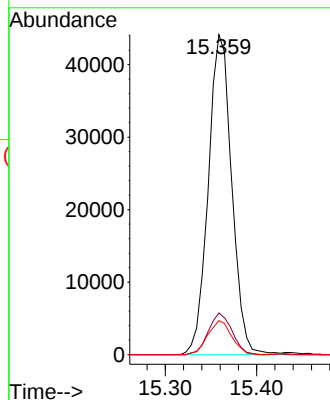
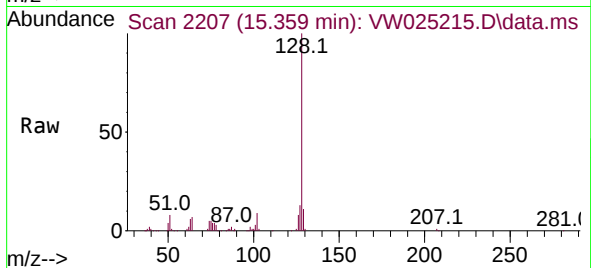
Tgt Ion:128 Resp: 78692

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 9.0 13.6



#72

1,2,3-Trichlorobenzene

Concen: 5.042 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW025215.D

Acq: 03 Jan 2023 13:04

Tgt Ion:180 Resp: 38392

Ion Ratio Lower Upper

180 100

182 99.1 76.5 114.7

145 35.5 28.6 42.8

