

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025216.D
 Acq On : 03 Jan 2023 13:28
 Operator : SY/MD
 Sample : VSTD02501
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025401

Quant Time: Jan 04 00:37:00 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	526955	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	463176	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	223612	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	151262	24.725	ug/L	0.00
7) Chloroethane-d5	2.885	69	92863	24.091	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	325828	24.317	ug/L	0.00
21) 2-Butanone-d5	7.074	46	72564	46.801	ug/L	0.00
24) Chloroform-d	7.647	84	318254	24.097	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	161419	23.727	ug/L	0.00
32) Benzene-d6	8.275	84	675414	24.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	194898	23.955	ug/L	0.00
41) Toluene-d8	10.323	98	605517	23.921	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	83320	23.916	ug/L	0.00
47) 2-Hexanone-d5	10.920	63	61904	48.286	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	137922	24.241	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	184898	23.272	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	63361	21.199	ug/L	100
3) Chloromethane	2.215	50	119845	22.747	ug/L	100
5) Vinyl chloride	2.361	62	159854	23.788	ug/L	100
6) Bromomethane	2.776	94	82087	23.272	ug/L	100
8) Chloroethane	2.922	64	74148	23.673	ug/L	100
9) Trichlorofluoromethane	3.257	101	110830	23.811	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	160126	23.638	ug/L	100
12) 1,1-Dichloroethene	4.038	96	156377	23.936	ug/L	100
13) Acetone	4.123	43	75923	41.870	ug/L	100
14) Carbon disulfide	4.385	76	519023	23.977	ug/L	100
15) Methyl Acetate	4.678	43	58742	22.421	ug/L	100
16) Methylene chloride	4.915	84	165233	20.273	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	166790	23.835	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	232189	23.672	ug/L	100
19) 1,1-Dichloroethane	6.220	63	292245	23.740	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	171649	23.601	ug/L	100
22) 2-Butanone	7.171	43	90350	44.842	ug/L	100
23) Bromochloromethane	7.513	128	70960	23.374	ug/L	100
25) Chloroform	7.677	83	285384	23.579	ug/L	100
27) 1,2-Dichloroethane	8.403	62	176723	23.591	ug/L	100
29) Cyclohexane	7.958	56	289652	23.725	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	241935	23.519	ug/L	100
31) Carbon tetrachloride	8.067	117	220511	23.538	ug/L	100
33) Benzene	8.323	78	666862	23.817	ug/L	100
34) Trichloroethene	9.092	95	172471	23.620	ug/L	100
35) Methylcyclohexane	9.335	83	313801	23.682	ug/L	100
37) 1,2-Dichloropropane	9.366	63	162181	23.555	ug/L	100
38) Bromodichloromethane	9.646	83	201948	23.463	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	254372	24.220	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	167947	46.739	ug/L	100
42) Toluene	10.384	91	702552	23.855	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	212374	23.637	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010323\
 Data File : VW025216.D
 Acq On : 03 Jan 2023 13:28
 Operator : SY/MD
 Sample : VSTD02501
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

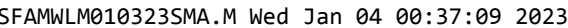
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025401

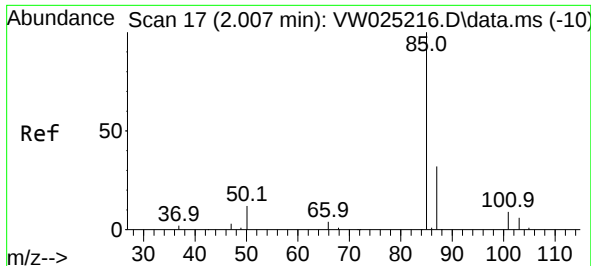
Quant Time: Jan 04 00:37:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM010323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 04 00:35:18 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	110068	23.047	ug/L	100
46) Tetrachloroethene	10.860	164	123476	23.015	ug/L	100
48) 2-Hexanone	10.969	43	126814	46.018	ug/L	100
49) Dibromochloromethane	11.128	129	131185	23.537	ug/L	100
50) 1,2-Dibromoethane	11.237	107	105201	23.285	ug/L	100
51) Chlorobenzene	11.658	112	434595	23.627	ug/L	100
52) Ethylbenzene	11.731	91	789139	24.045	ug/L	100
53) m,p-Xylene	11.835	106	303636	23.940	ug/L	100
54) o-Xylene	12.164	106	285797	24.483	ug/L	100
55) Styrene	12.176	104	492881	24.845	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	127517	23.944	ug/L	100
59) Bromoform	12.347	173	64931	22.014	ug/L	100
60) Isopropylbenzene	12.463	105	771122	22.886	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	94562	22.668	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	672543	23.543	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	664690	23.587	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	321259	23.327	ug/L	100
65) 1,4-Dichlorobenzene	13.572	146	312604	22.904	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	276639	23.274	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	19238	20.589	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	197033	20.080	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	164810	19.780	ug/L	100
71) Naphthalene	15.359	128	357580	21.897	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	159080	22.258	ug/L	100

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

Quant Time: Jan 04 00:37:00 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

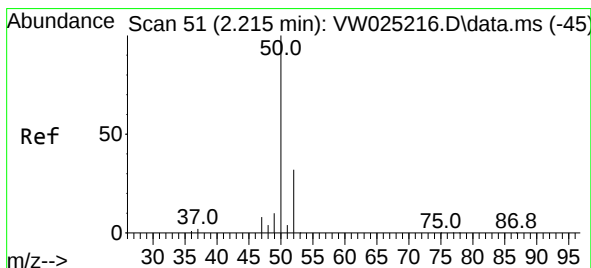
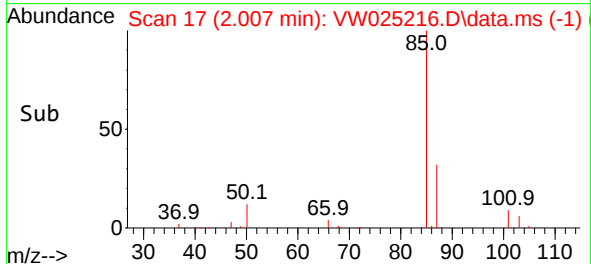
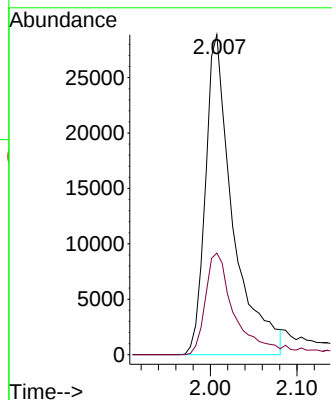
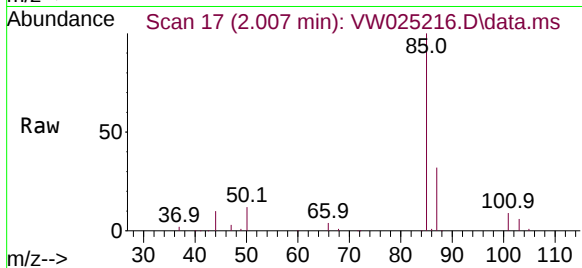




#2
 Dichlorodifluoromethane
 Concen: 21.199 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW025216.D
 Acq: 03 Jan 2023 13:28

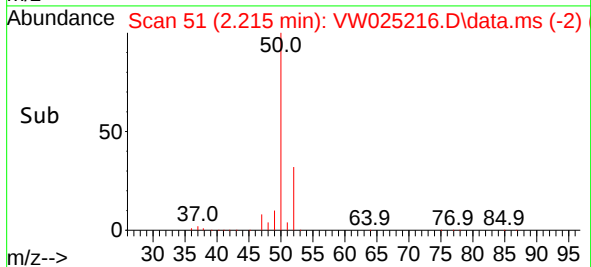
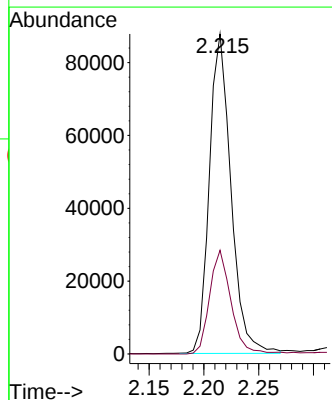
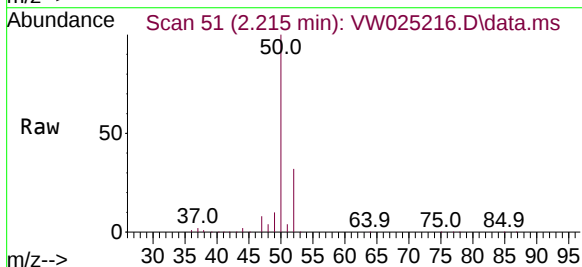
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025401

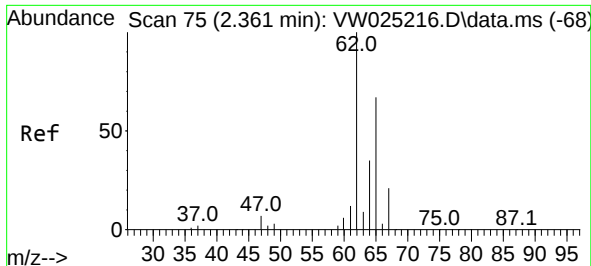
Tgt Ion: 85 Resp: 63361
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.6 39.8



#3
 Chloromethane
 Concen: 22.747 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW025216.D
 Acq: 03 Jan 2023 13:28

Tgt Ion: 50 Resp: 119845
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1

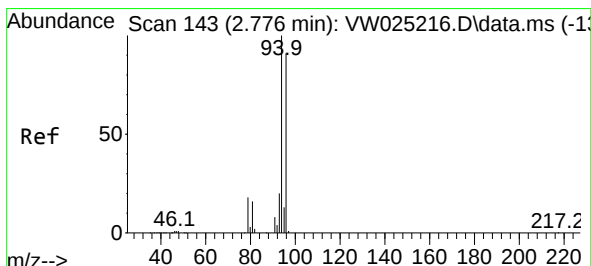
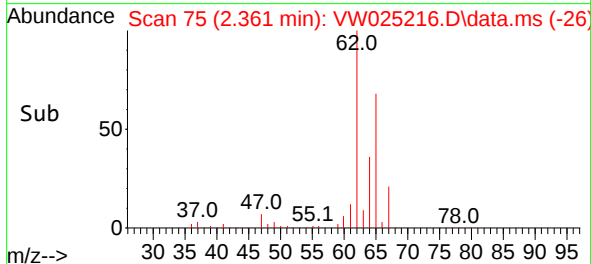
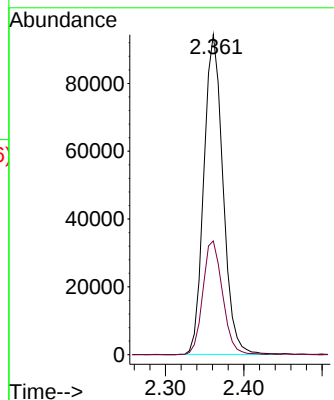
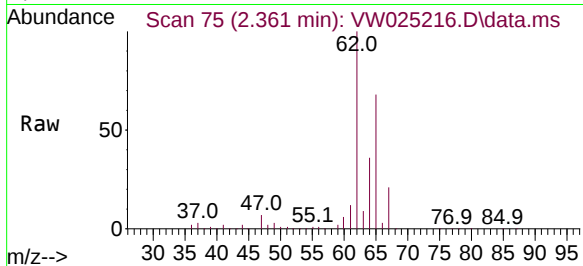




#5
 Vinyl chloride
 Concen: 23.788 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW025216.D
 Acq: 03 Jan 2023 13:28

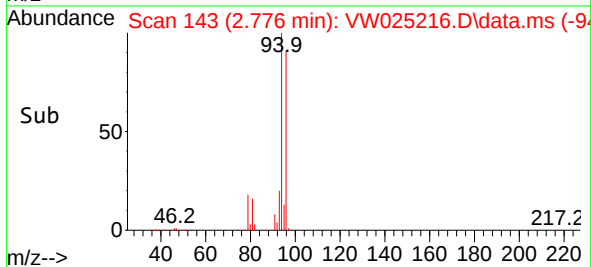
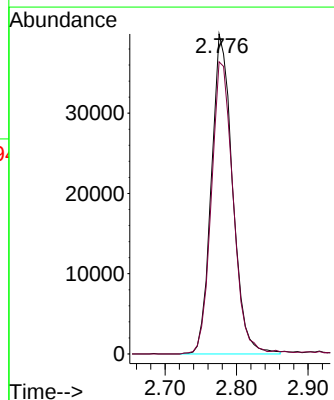
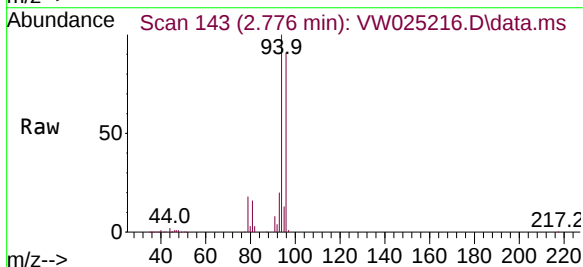
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025401

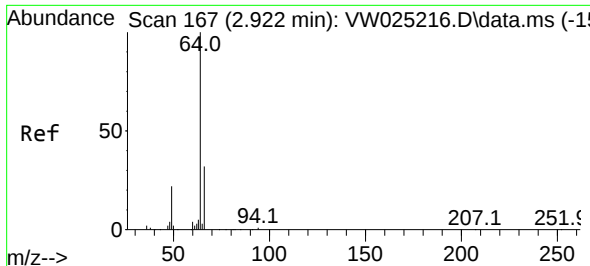
Tgt Ion: 62 Resp: 159854
 Ion Ratio Lower Upper
 62 100
 64 35.5 24.8 46.1



#6
 Bromomethane
 Concen: 23.272 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW025216.D
 Acq: 03 Jan 2023 13:28

Tgt Ion: 94 Resp: 82087
 Ion Ratio Lower Upper
 94 100
 96 91.3 63.9 118.7

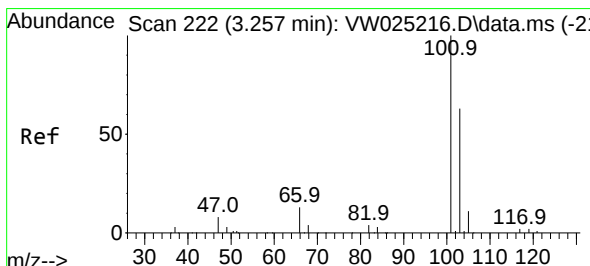
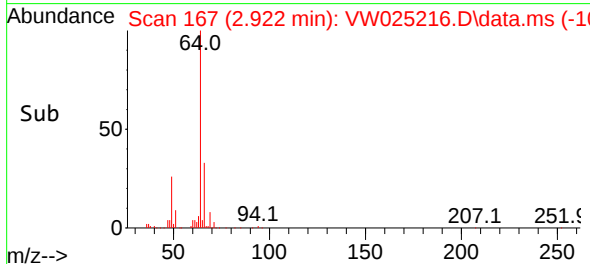
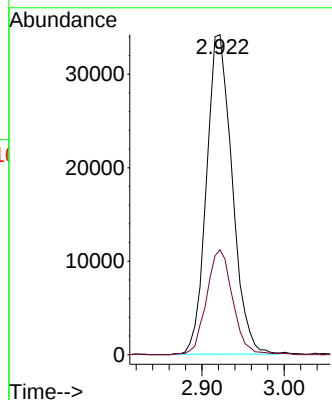
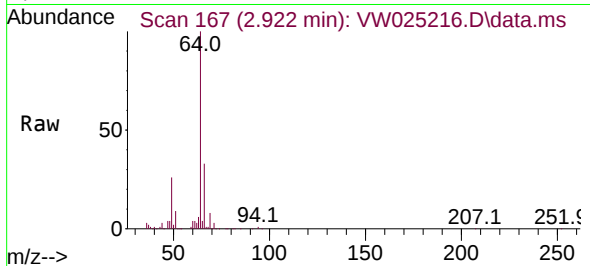




#8
Chloroethane
Concen: 23.673 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

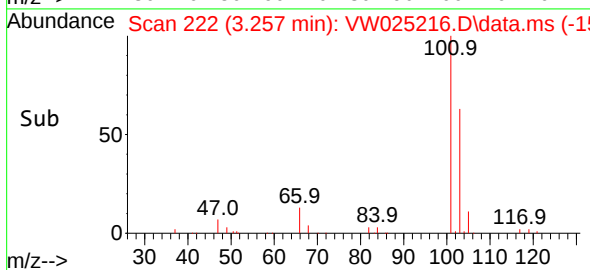
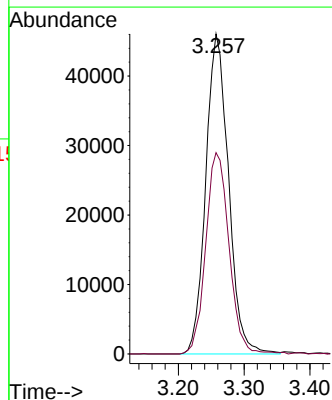
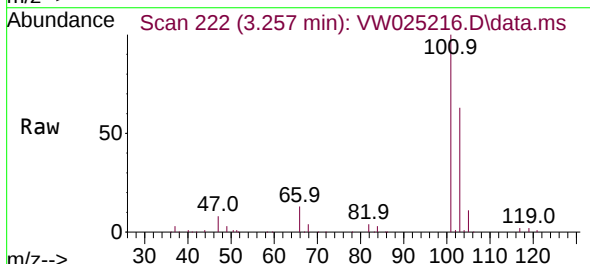
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

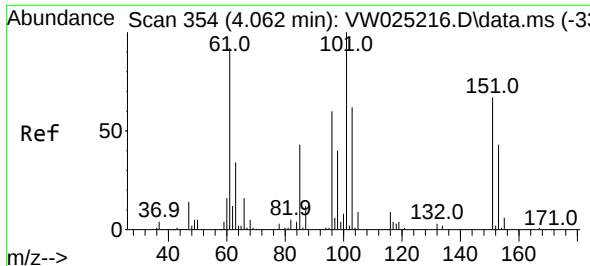
Tgt Ion: 64 Resp: 74148
Ion Ratio Lower Upper
64 100
66 32.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 23.811 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 101 Resp: 110830
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

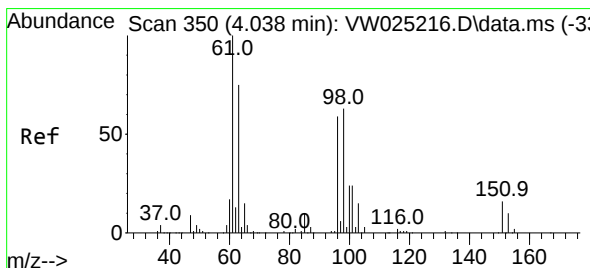
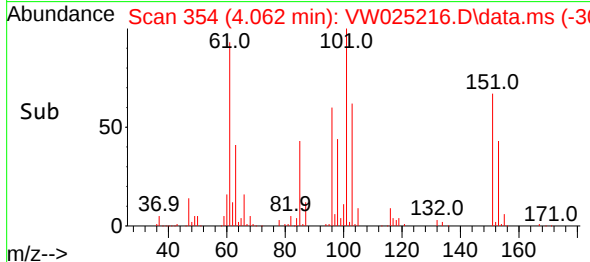
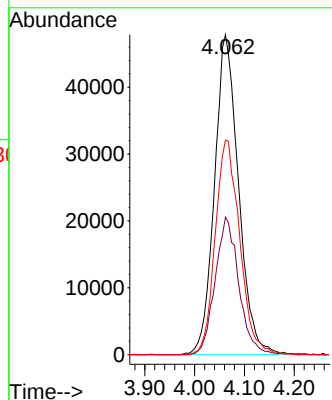
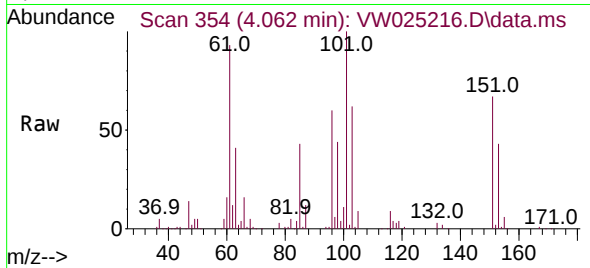




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.638 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW025216.D
 Acq: 03 Jan 2023 13:28

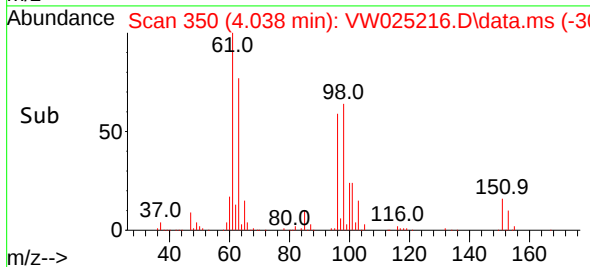
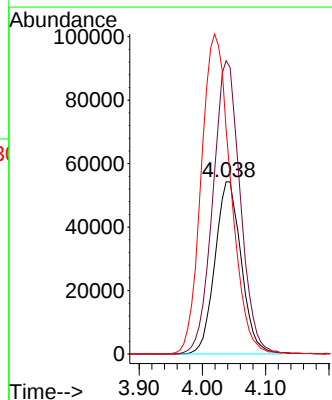
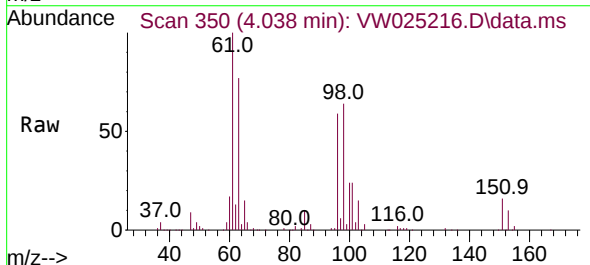
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025401

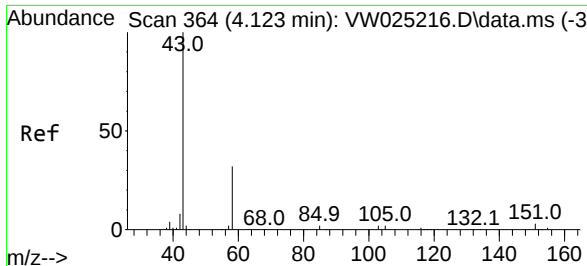
Tgt Ion:101 Resp: 160126
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.8 50.8
 151 68.3 54.6 82.0



#12
 1,1-Dichloroethene
 Concen: 23.936 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW025216.D
 Acq: 03 Jan 2023 13:28

Tgt Ion: 96 Resp: 156377
 Ion Ratio Lower Upper
 96 100
 61 170.4 119.3 221.5
 63 130.5 91.3 169.6

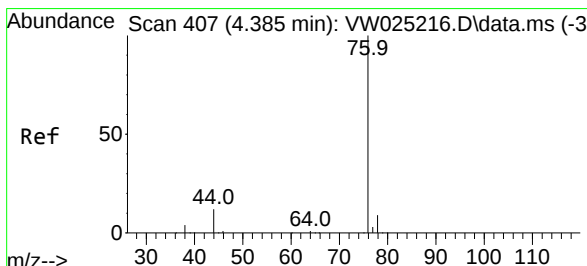
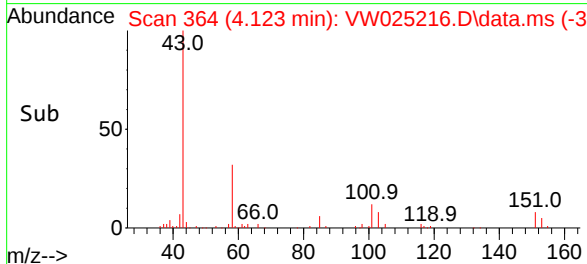
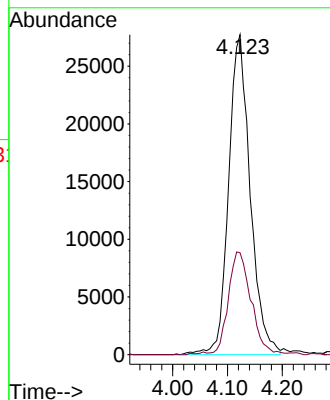
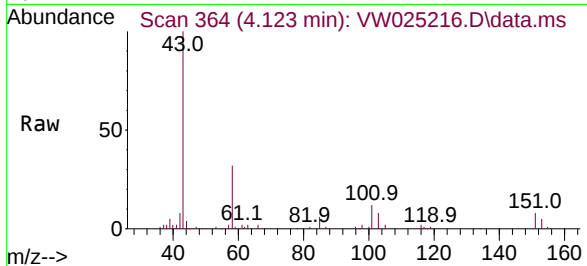




#13
Acetone
Concen: 41.870 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

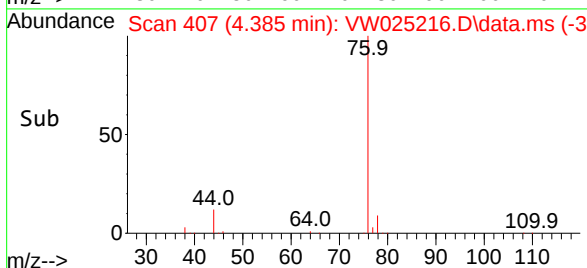
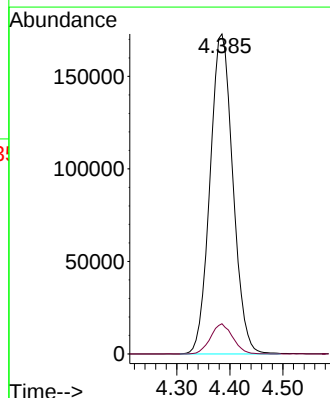
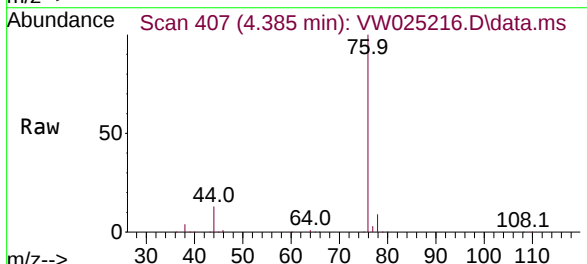
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

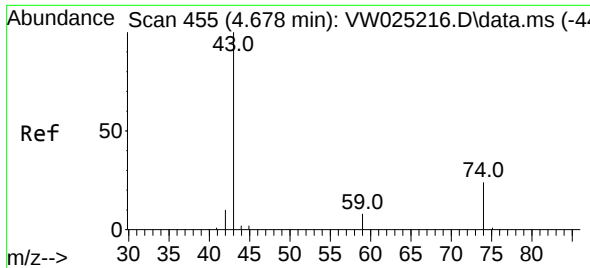
Tgt Ion: 43 Resp: 75923
Ion Ratio Lower Upper
43 100
58 33.4 0.0 66.8



#14
Carbon disulfide
Concen: 23.977 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 76 Resp: 519023
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

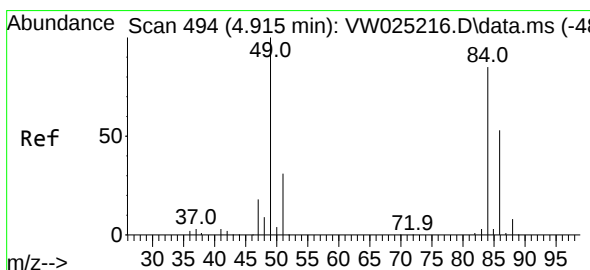
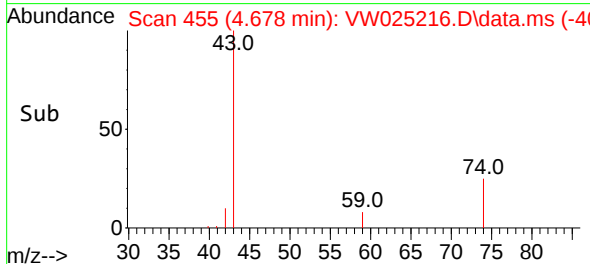
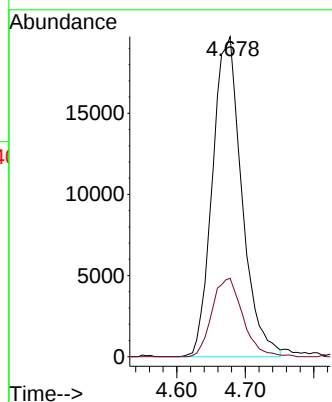
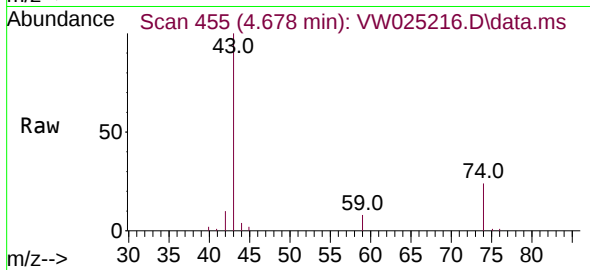




#15
Methyl Acetate
Concen: 22.421 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

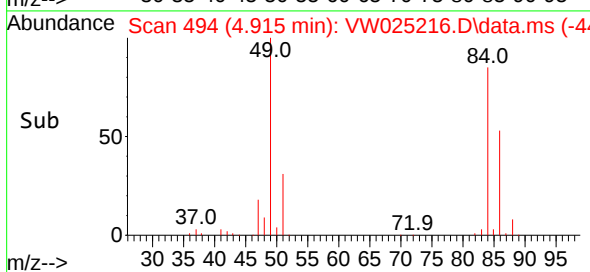
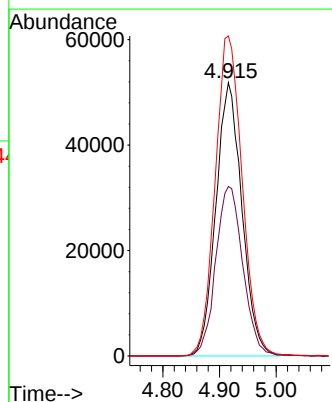
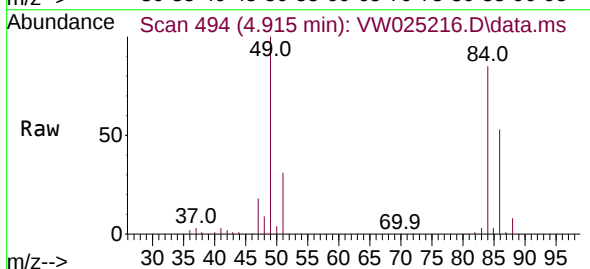
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

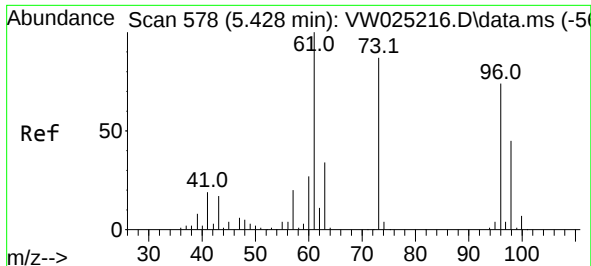
Tgt Ion: 43 Resp: 58742
Ion Ratio Lower Upper
43 100
74 25.5 20.4 30.6



#16
Methylene chloride
Concen: 20.273 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 84 Resp: 165233
Ion Ratio Lower Upper
84 100
86 62.0 43.4 80.6
49 117.1 82.0 152.2

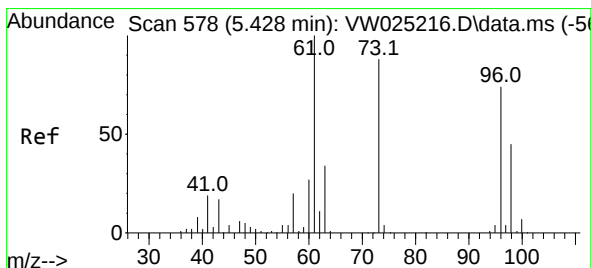
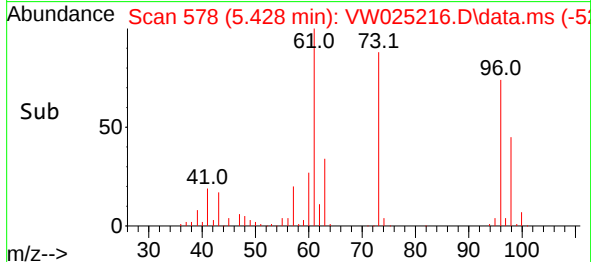
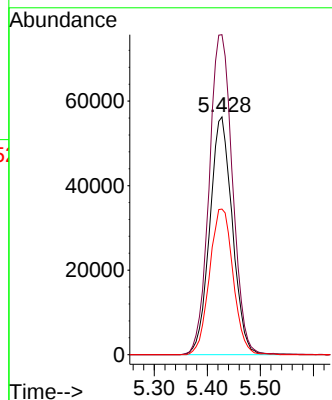
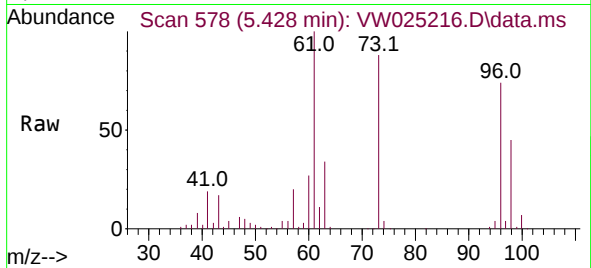




#17
trans-1,2-Dichloroethene
Concen: 23.835 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

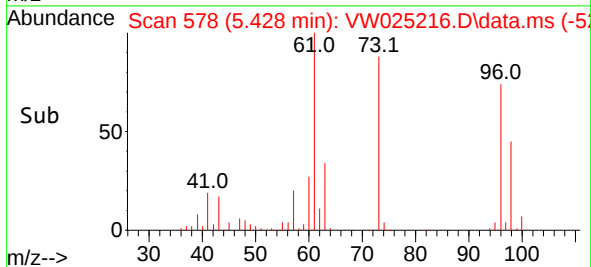
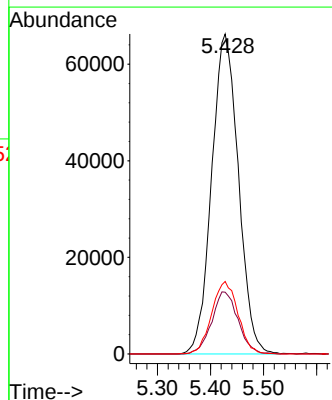
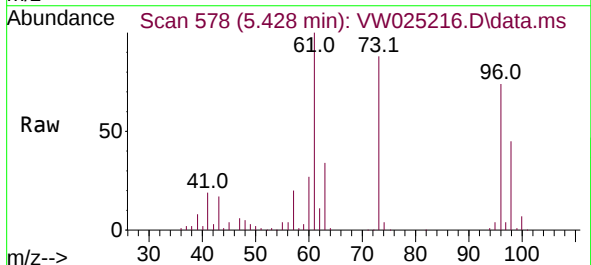
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

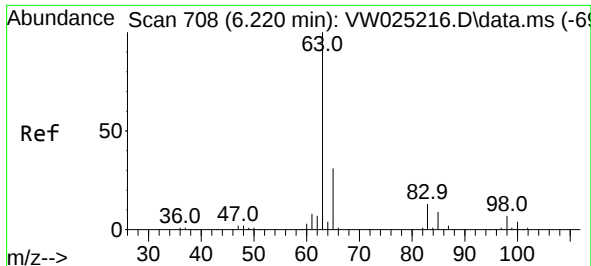
Tgt Ion: 96 Resp: 166790
Ion Ratio Lower Upper
96 100
61 134.6 94.2 175.0
98 61.2 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 23.672 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 73 Resp: 232189
Ion Ratio Lower Upper
73 100
43 19.0 15.2 22.8
57 22.2 17.8 26.6





#19

1,1-Dichloroethane

Concen: 23.740 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025401

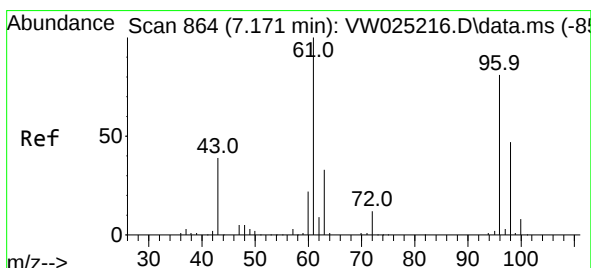
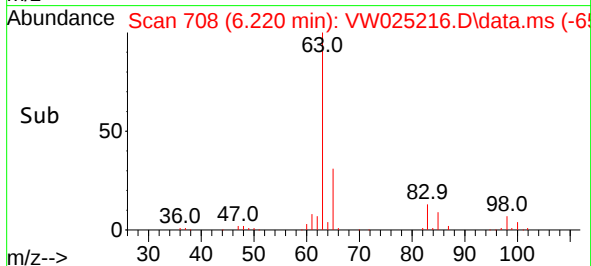
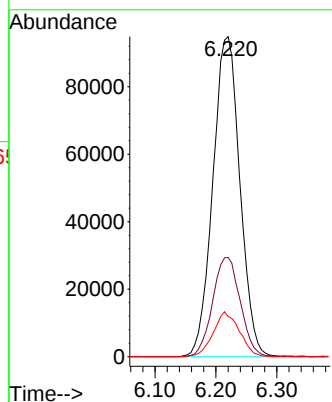
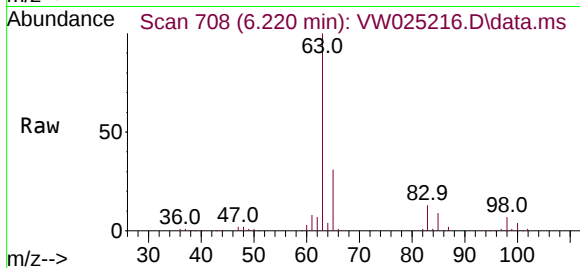
Tgt Ion: 63 Resp: 292245

Ion Ratio Lower Upper

63 100

65 31.0 21.7 40.3

83 12.6 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 23.601 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

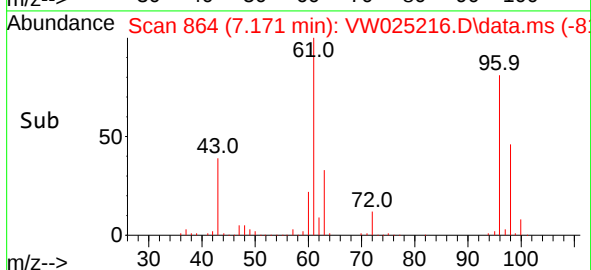
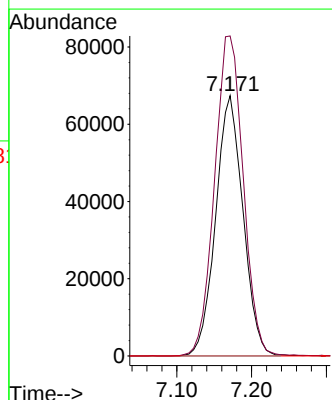
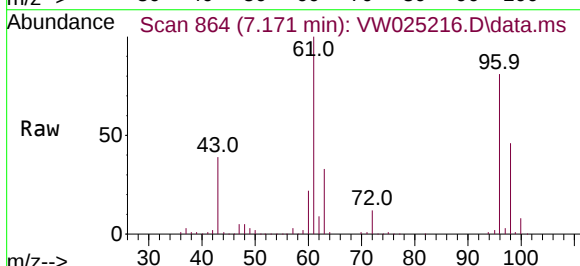
Tgt Ion: 96 Resp: 171649

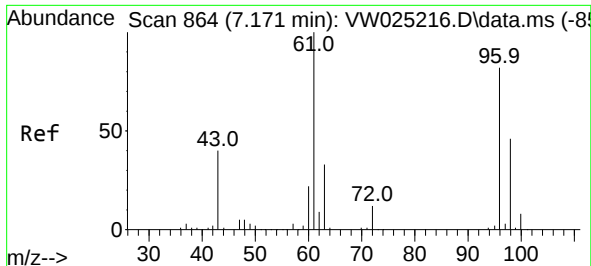
Ion Ratio Lower Upper

96 100

61 122.9 86.0 159.8

68 0.0 0.0 0.0

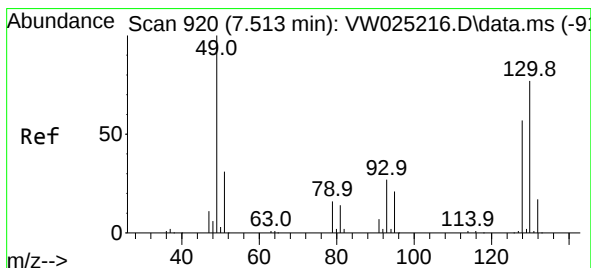
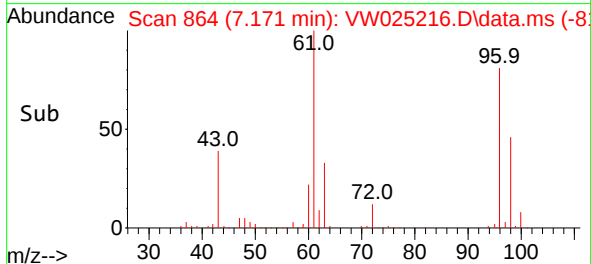
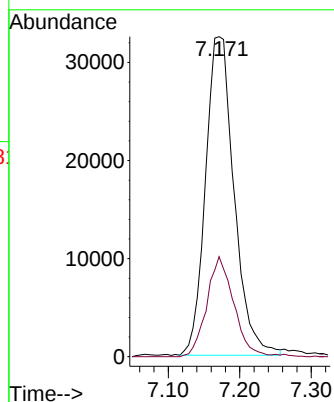
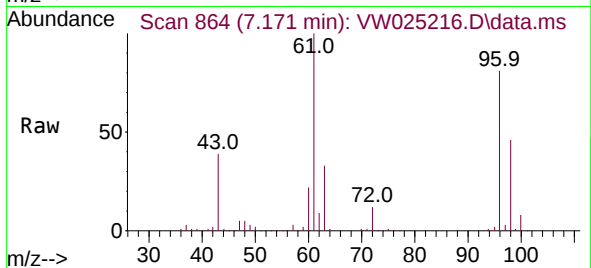




#22
2-Butanone
Concen: 44.842 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

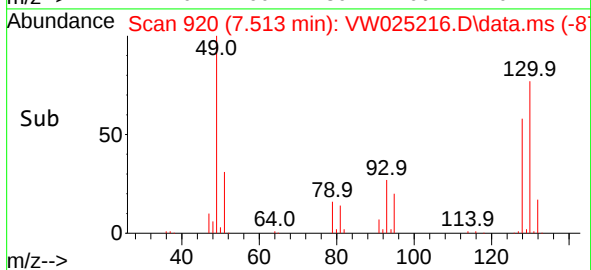
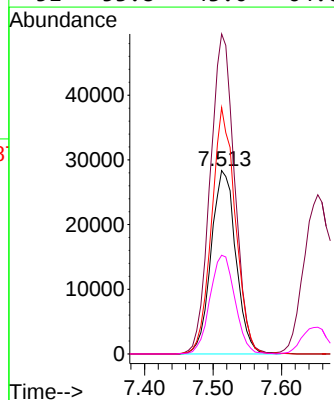
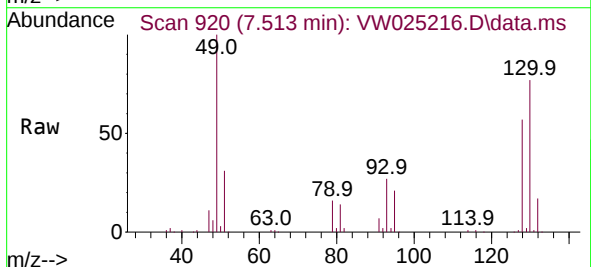
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

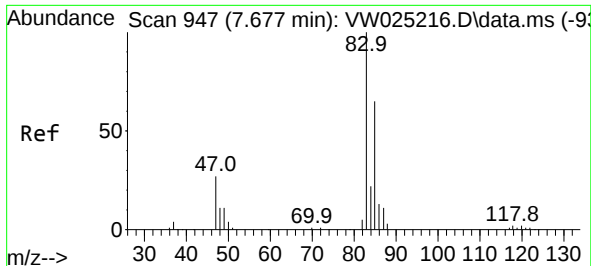
Tgt Ion: 43 Resp: 90350
Ion Ratio Lower Upper
43 100
72 29.4 14.7 44.1



#23
Bromochloromethane
Concen: 23.374 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 128 Resp: 70960
Ion Ratio Lower Upper
128 100
49 174.4 122.1 226.7
130 134.3 94.0 174.6
51 53.8 43.0 64.6

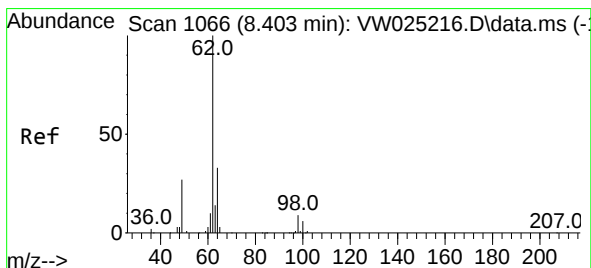
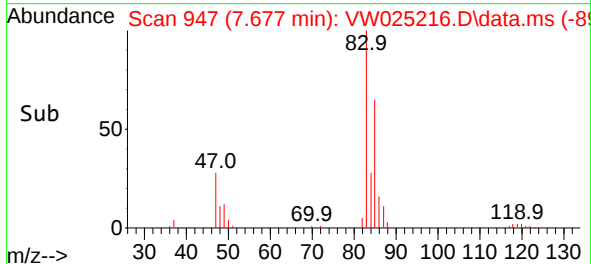
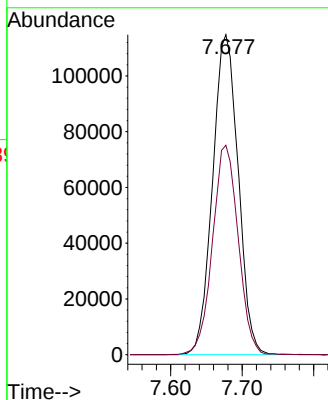
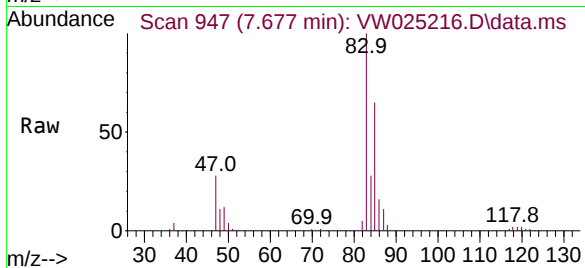




#25
Chloroform
Concen: 23.579 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

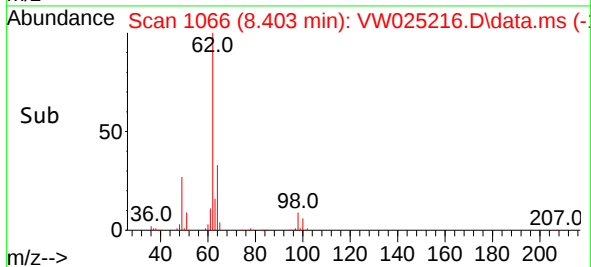
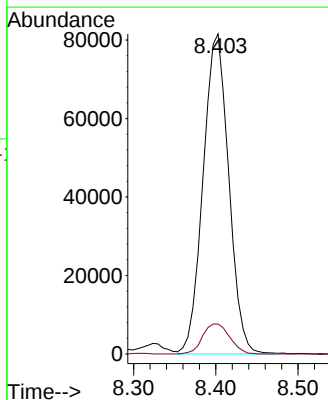
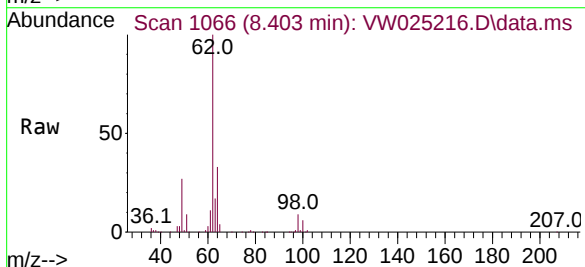
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

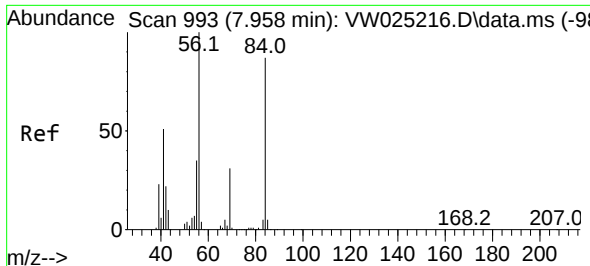
Tgt Ion: 83 Resp: 285384
Ion Ratio Lower Upper
83 100
85 65.5 45.8 85.2



#27
1,2-Dichloroethane
Concen: 23.591 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

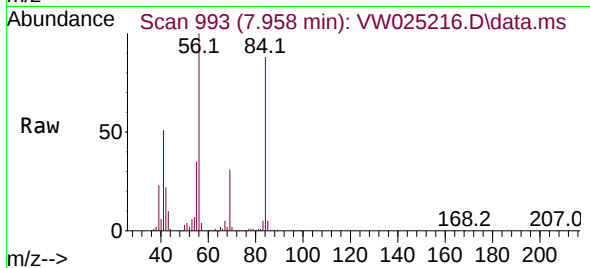
Tgt Ion: 62 Resp: 176723
Ion Ratio Lower Upper
62 100
98 9.4 7.5 11.3





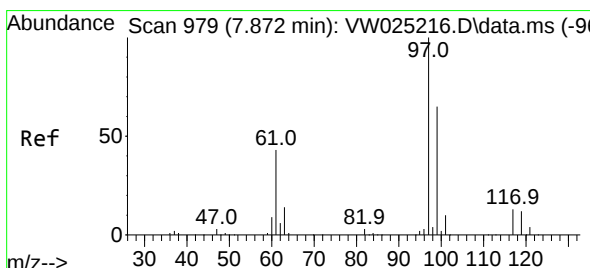
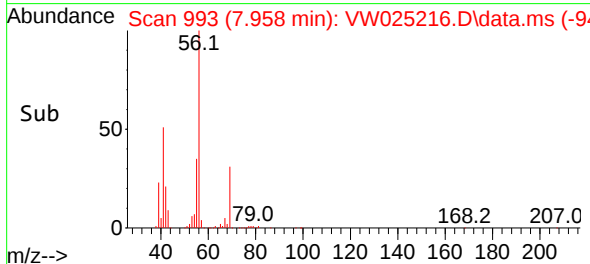
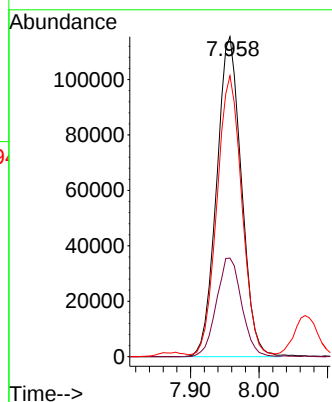
#29
Cyclohexane
Concen: 23.725 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Instrument :
MSVOA_W
ClientSampleId :
VSTD025401



Tgt Ion: 56 Resp: 289652

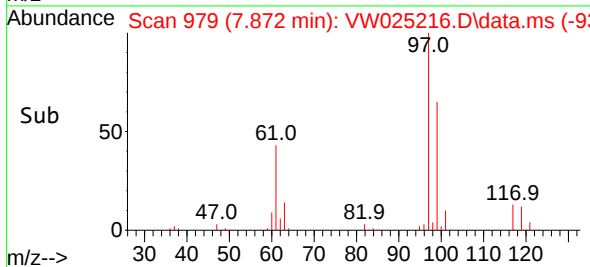
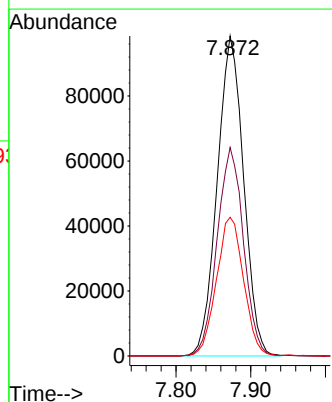
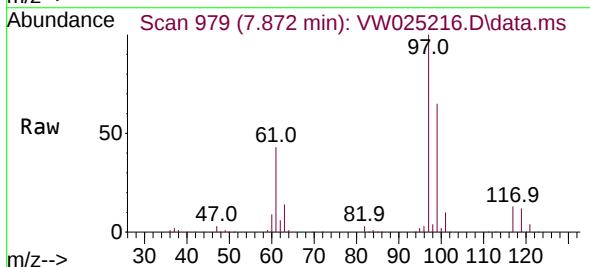
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.1	37.7
84	88.7	71.0	106.4

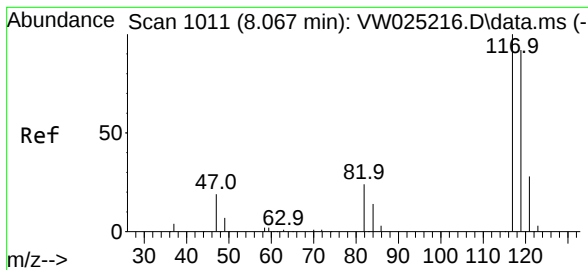


#30
1,1,1-Trichloroethane
Concen: 23.519 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 97 Resp: 241935

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	44.5	35.6	53.4

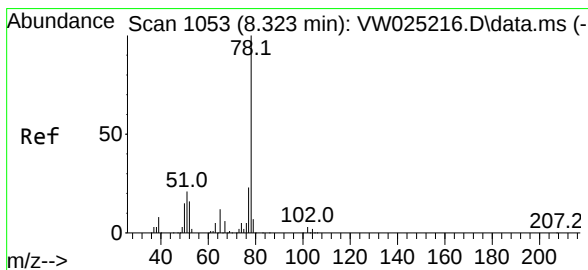
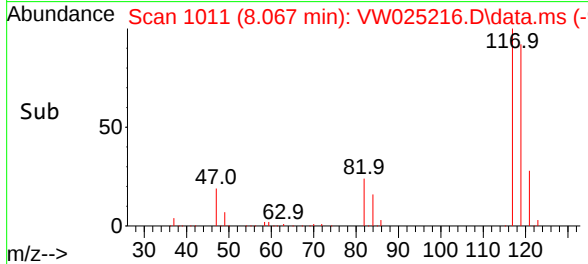
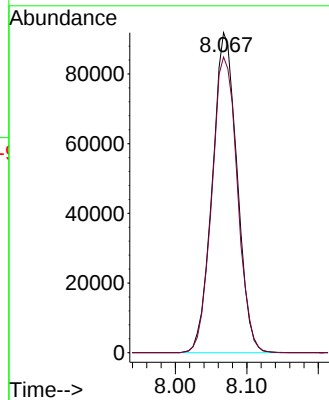
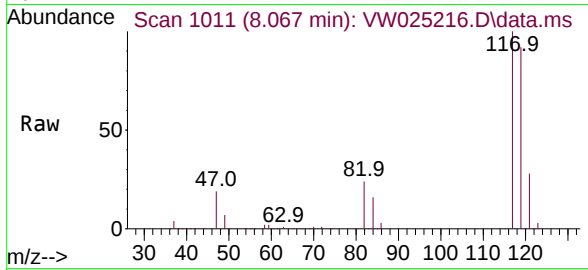




#31
Carbon tetrachloride
Concen: 23.538 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

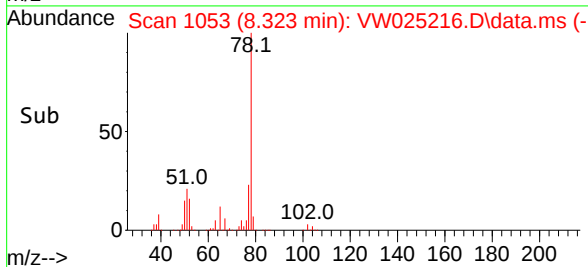
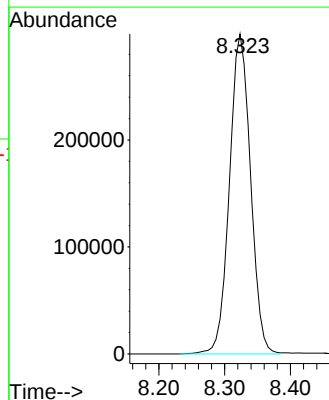
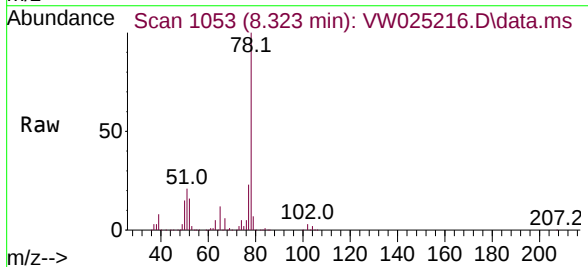
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

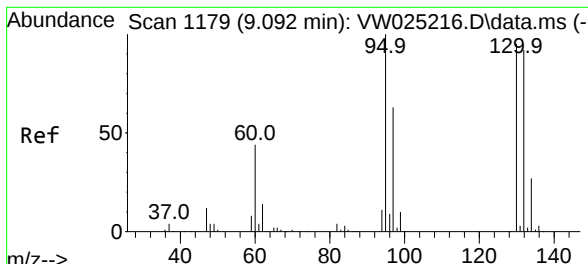
Tgt Ion:117 Resp: 220511
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 23.817 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 78 Resp: 666862





#34

Trichloroethene

Concen: 23.620 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025401

Tgt Ion: 95 Resp: 172471

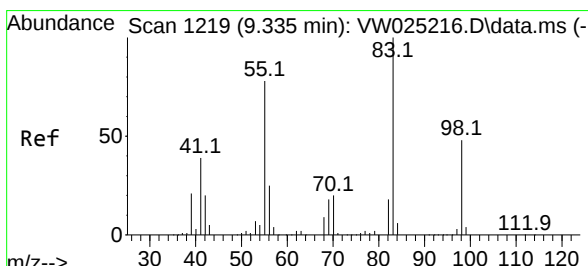
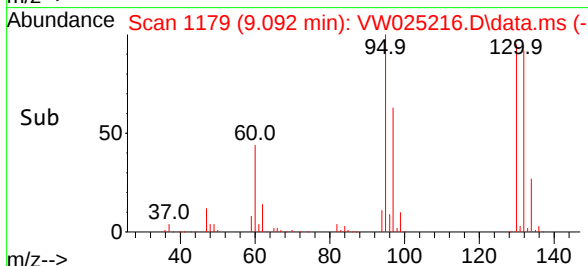
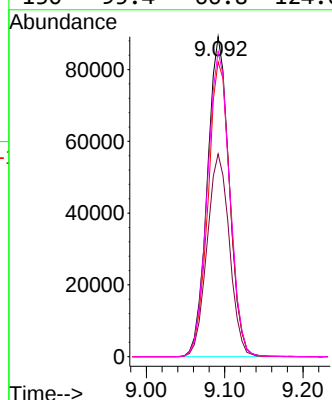
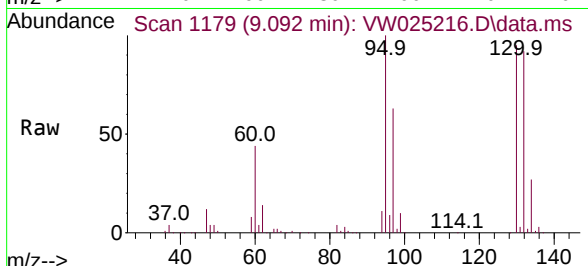
Ion Ratio Lower Upper

95 100

97 63.4 44.4 82.4

132 92.1 64.5 119.7

130 95.4 66.8 124.0



#35

Methylcyclohexane

Concen: 23.682 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

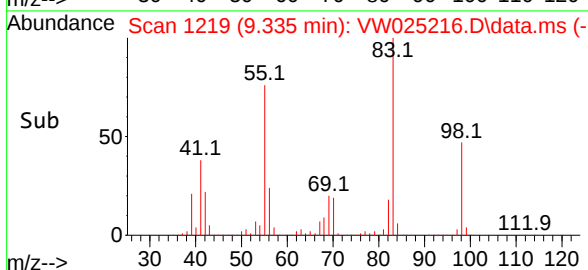
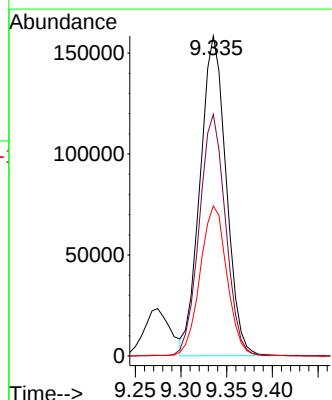
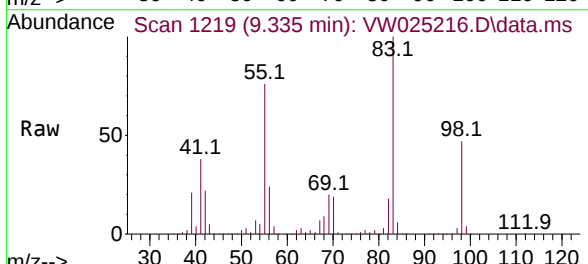
Tgt Ion: 83 Resp: 313801

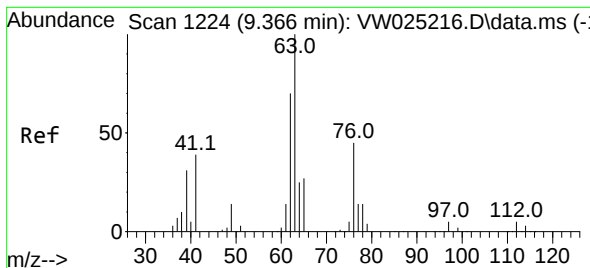
Ion Ratio Lower Upper

83 100

55 76.2 61.0 91.4

98 48.3 38.6 58.0





#37

1,2-Dichloropropane

Concen: 23.555 ug/L

RT: 9.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

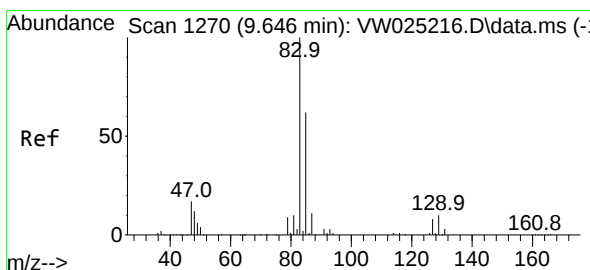
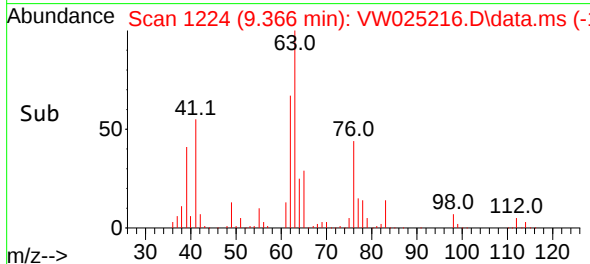
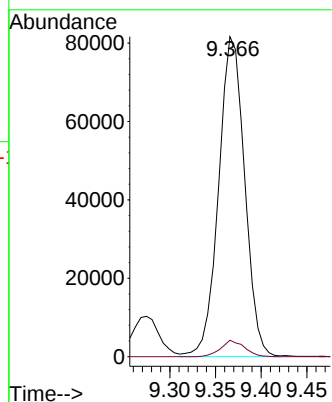
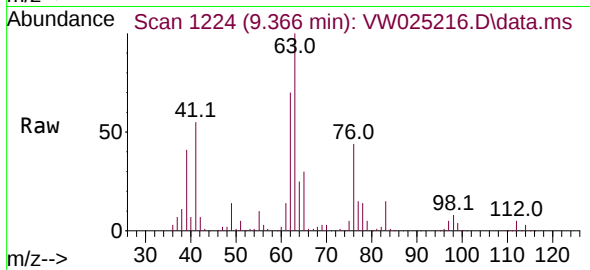
VSTD025401

Tgt Ion: 63 Resp: 162181

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 23.463 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

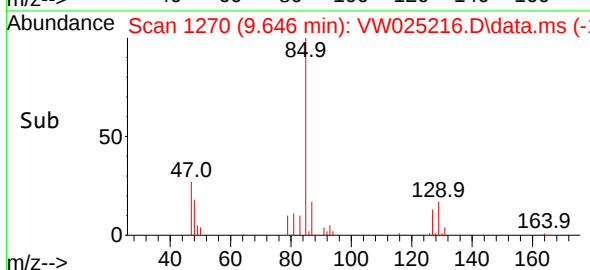
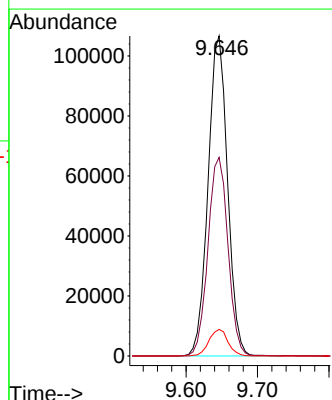
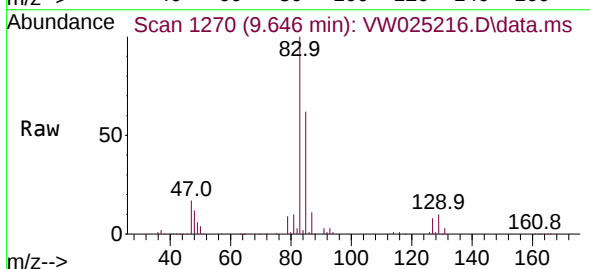
Tgt Ion: 83 Resp: 201948

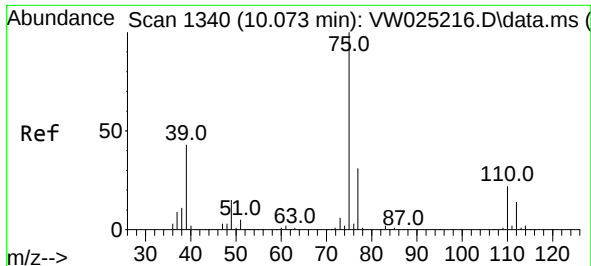
Ion Ratio Lower Upper

83 100

85 62.0 43.4 80.6

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 24.220 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

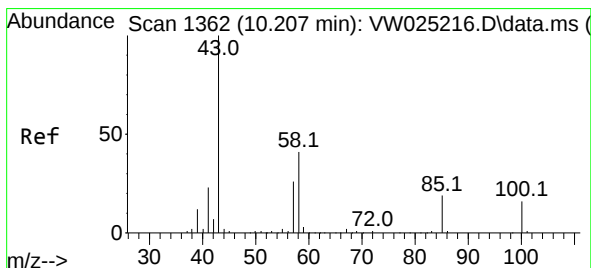
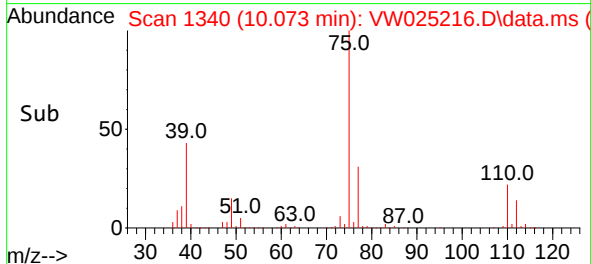
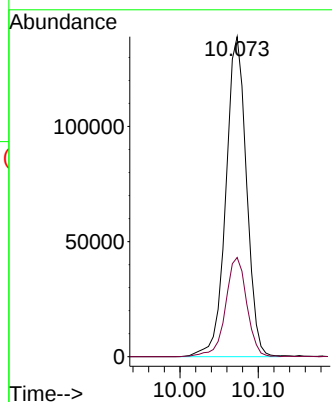
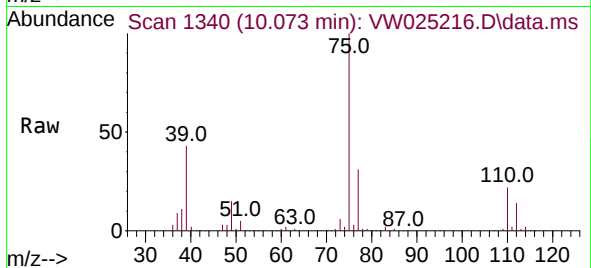
VSTD025401

Tgt Ion: 75 Resp: 254372

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 46.739 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

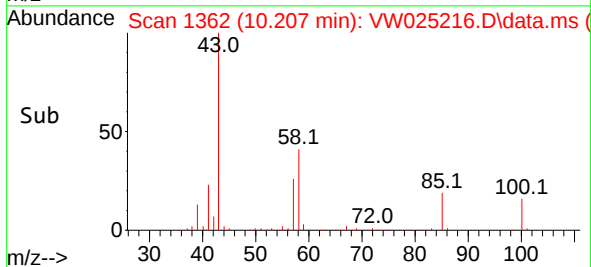
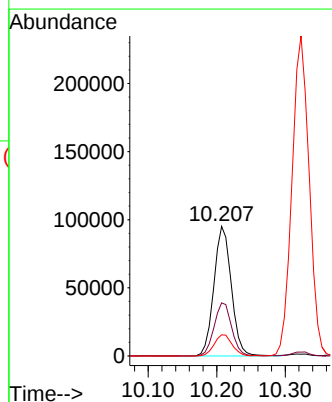
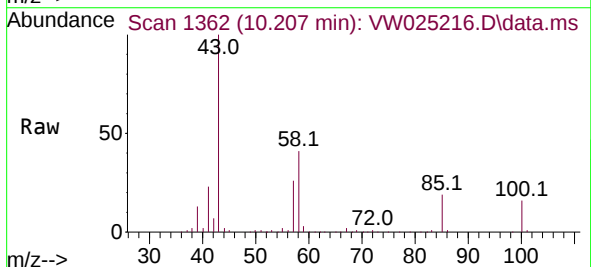
Tgt Ion: 43 Resp: 167947

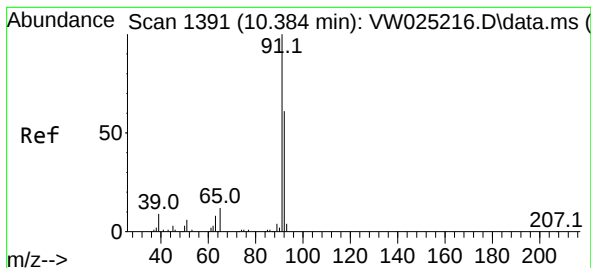
Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.6

100 16.8 13.4 20.2





#42

Toluene

Concen: 23.855 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

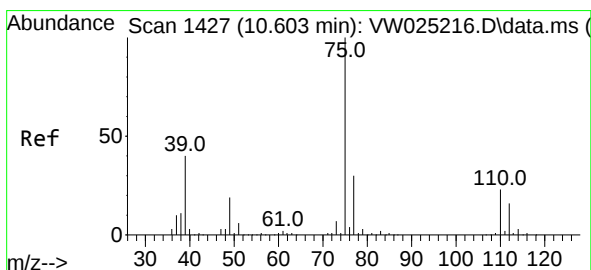
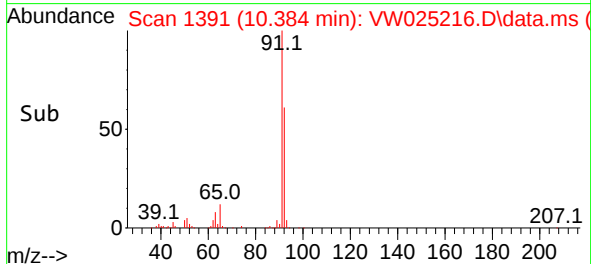
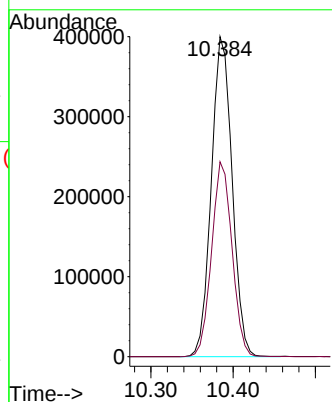
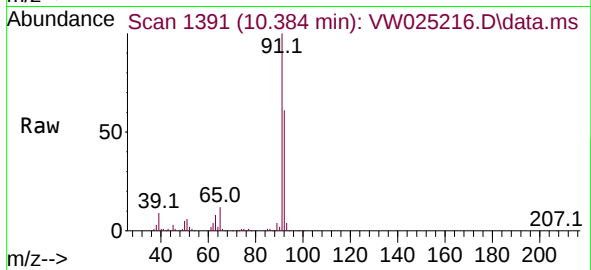
VSTD025401

Tgt Ion: 91 Resp: 702552

Ion Ratio Lower Upper

91 100

92 60.9 42.6 79.2



#44

trans-1,3-Dichloropropene

Concen: 23.637 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW025216.D

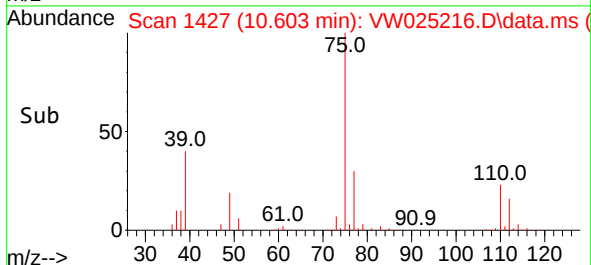
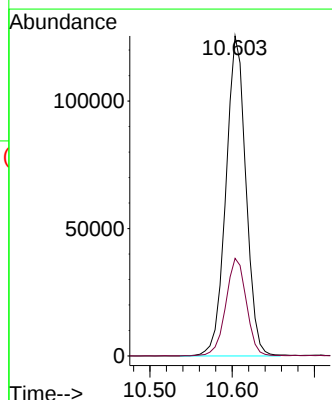
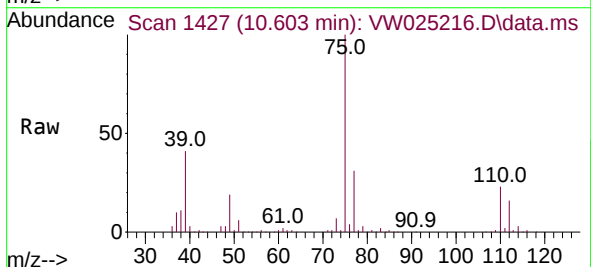
Acq: 03 Jan 2023 13:28

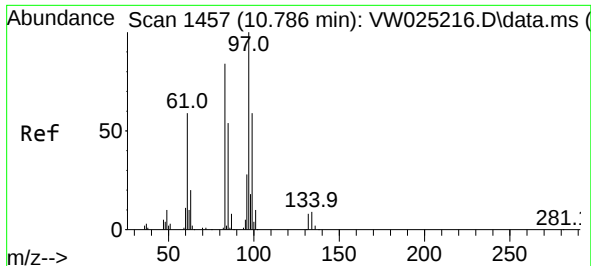
Tgt Ion: 75 Resp: 212374

Ion Ratio Lower Upper

75 100

77 30.5 21.3 39.6





#45

1,1,2-Trichloroethane

Concen: 23.047 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025401

Tgt Ion: 97 Resp: 110068

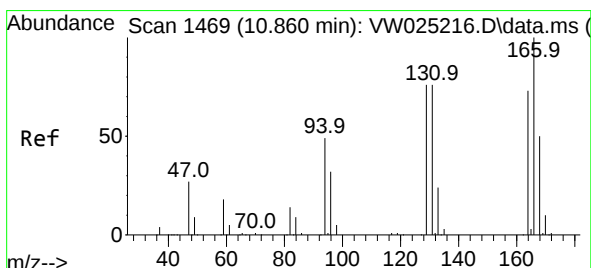
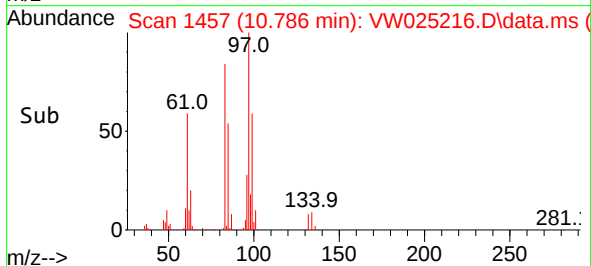
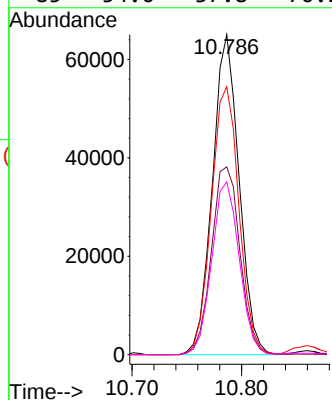
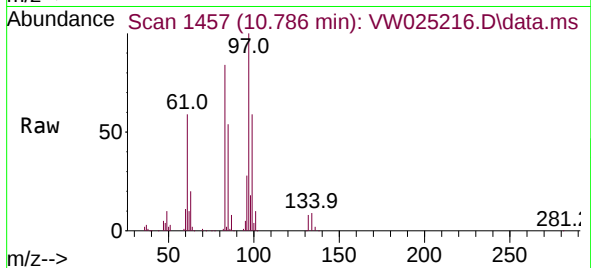
Ion Ratio Lower Upper

97 100

99 58.7 41.1 76.3

83 83.7 58.6 108.8

85 54.0 37.8 70.2



#46

Tetrachloroethene

Concen: 23.015 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Tgt Ion:164 Resp: 123476

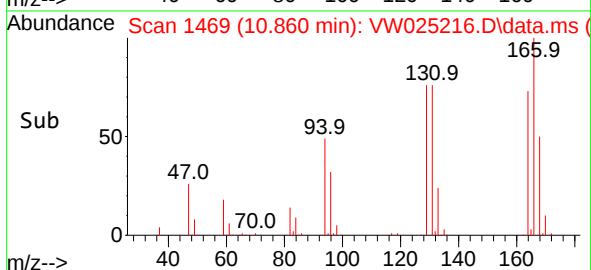
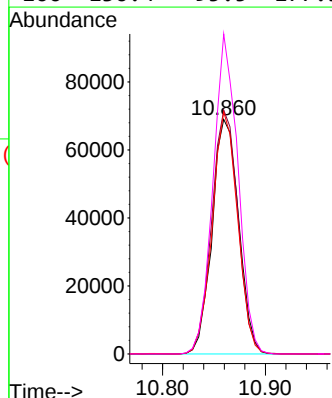
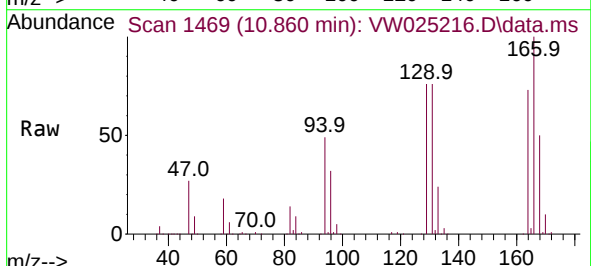
Ion Ratio Lower Upper

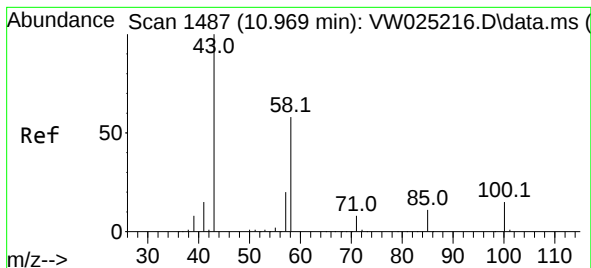
164 100

129 104.0 72.8 135.2

131 103.2 72.2 134.2

166 136.4 95.5 177.3





#48

2-Hexanone

Concen: 46.018 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025401

Tgt Ion: 43 Resp: 126814

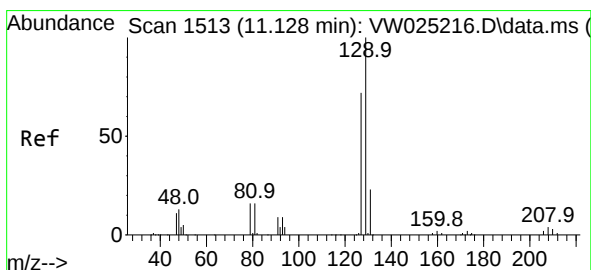
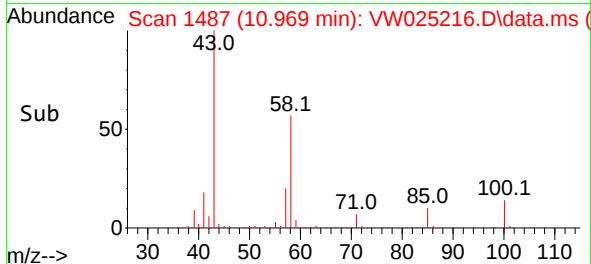
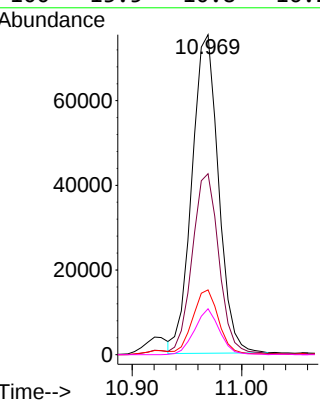
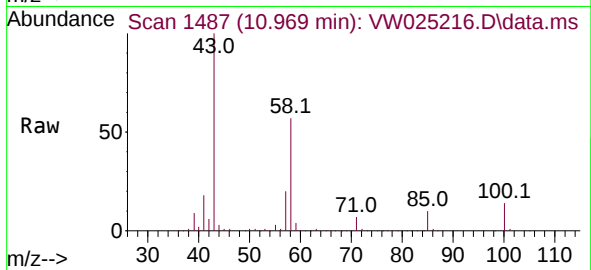
Ion Ratio Lower Upper

43 100

58 57.2 45.8 68.6

57 20.3 16.2 24.4

100 13.5 10.8 16.2



#49

Dibromochloromethane

Concen: 23.537 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW025216.D

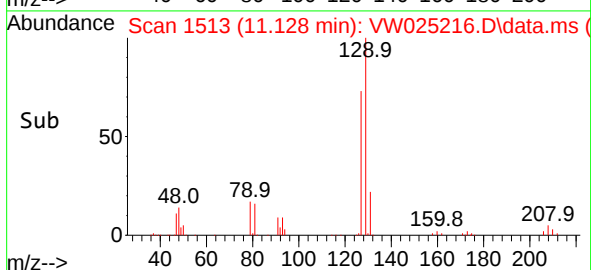
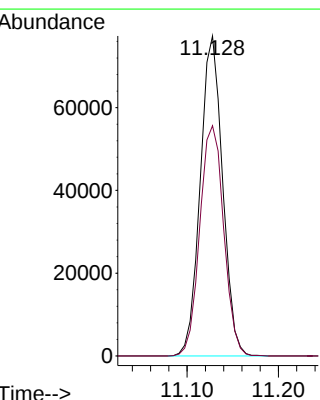
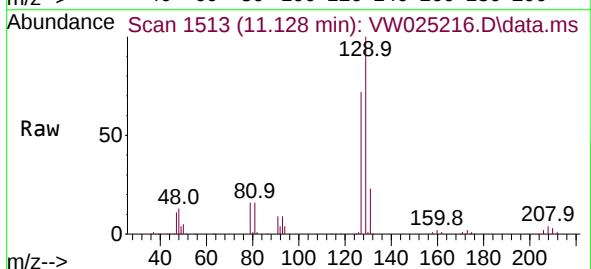
Acq: 03 Jan 2023 13:28

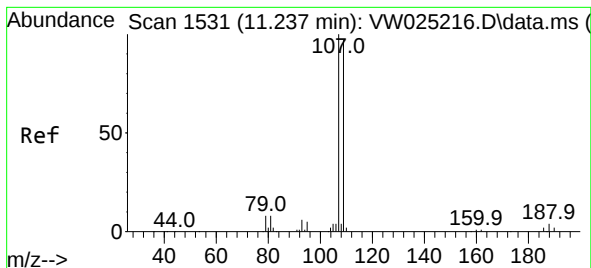
Tgt Ion:129 Resp: 131185

Ion Ratio Lower Upper

129 100

127 72.0 50.4 93.6

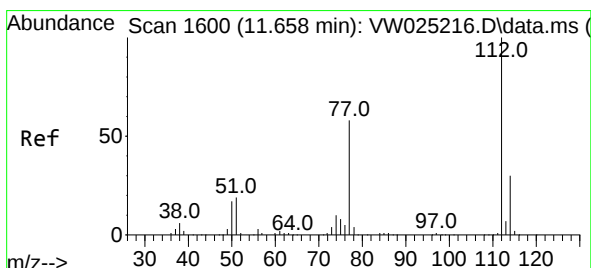
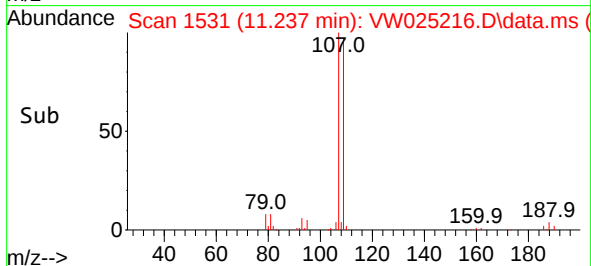
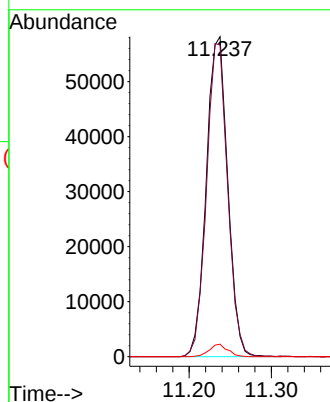
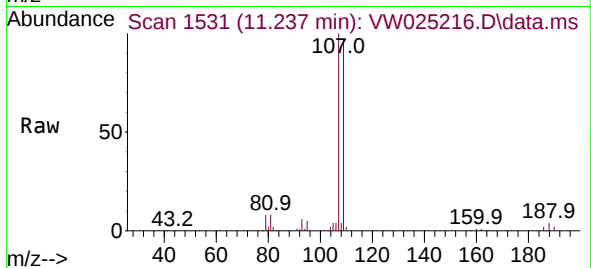




#50
1,2-Dibromoethane
Concen: 23.285 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

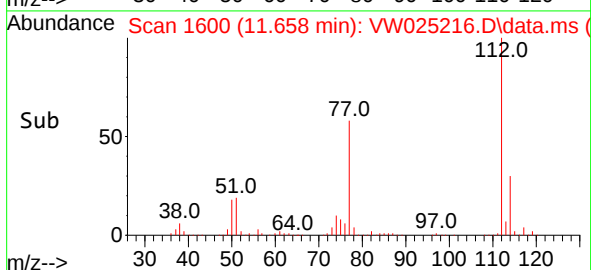
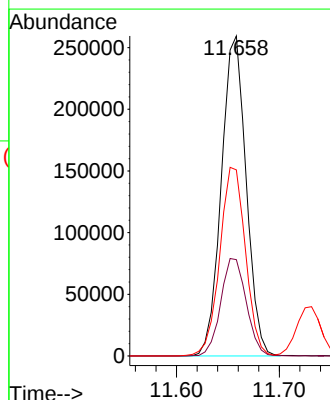
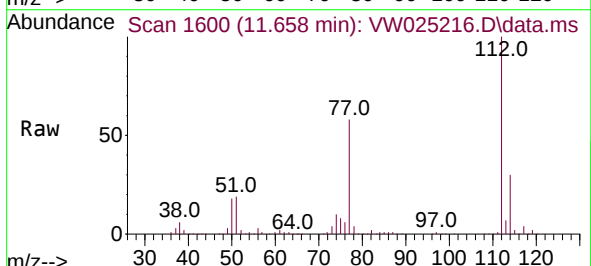
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

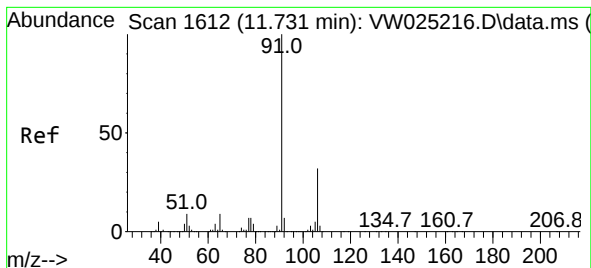
Tgt Ion:107 Resp: 105201
Ion Ratio Lower Upper
107 100
109 97.4 68.2 126.6
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 23.627 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion:112 Resp: 434595
Ion Ratio Lower Upper
112 100
114 30.1 21.1 39.1
77 58.2 46.6 69.8

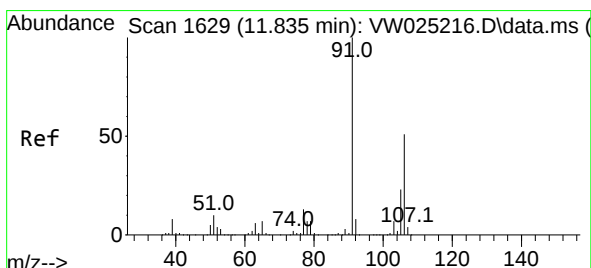
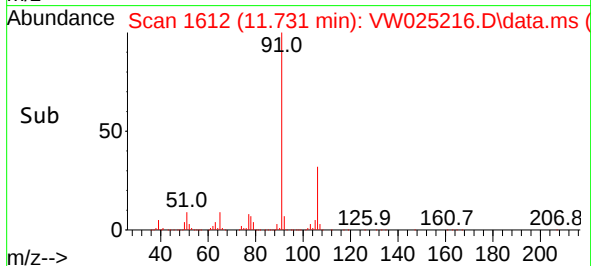
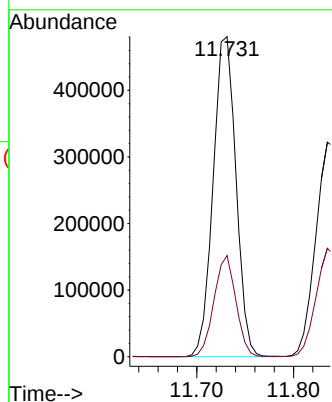
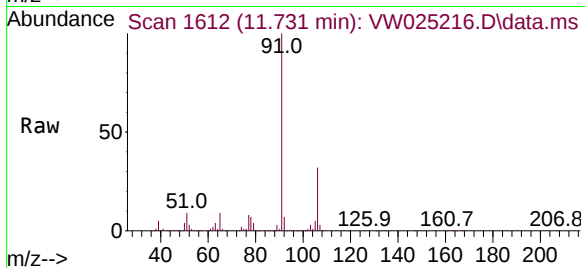




#52
Ethylbenzene
Concen: 24.045 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

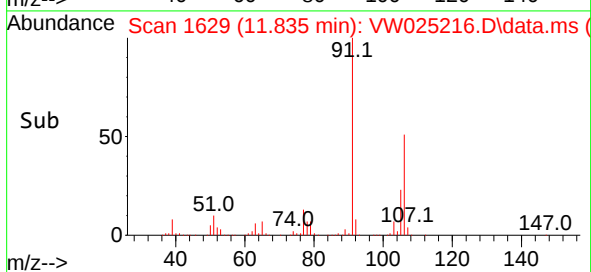
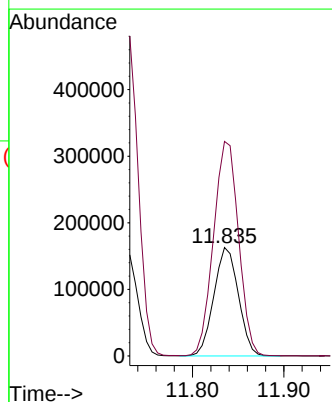
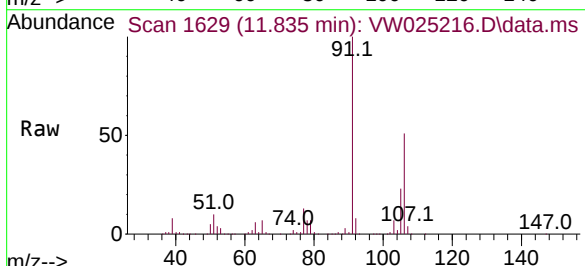
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

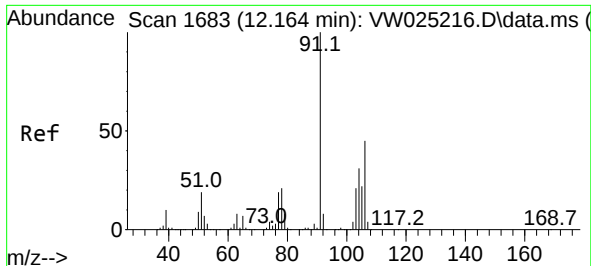
Tgt Ion: 91 Resp: 789139
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 23.940 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 106 Resp: 303636
Ion Ratio Lower Upper
106 100
91 197.9 138.5 257.3

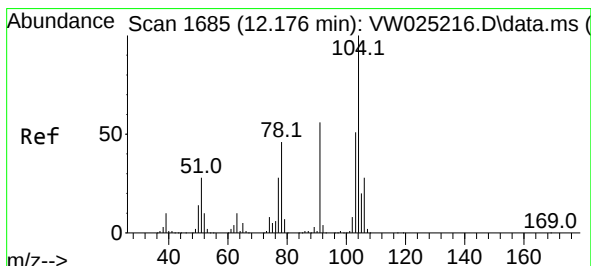
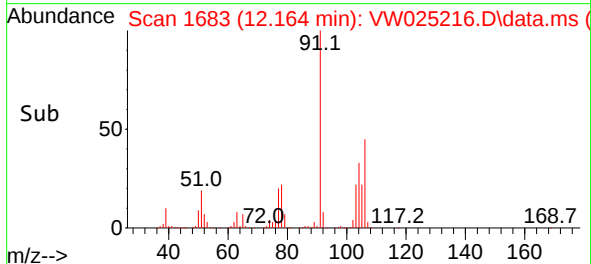
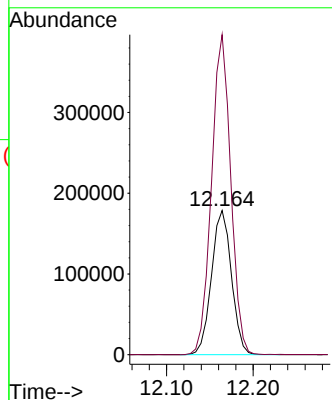
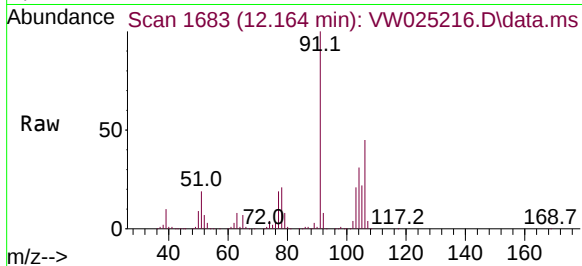




#54
o-Xylene
Concen: 24.483 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

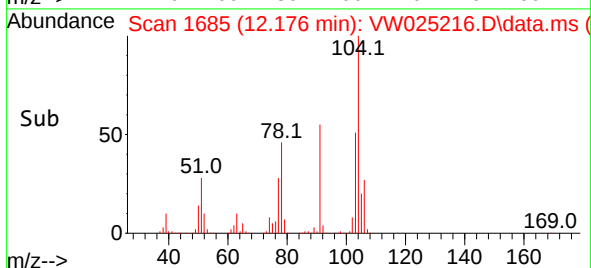
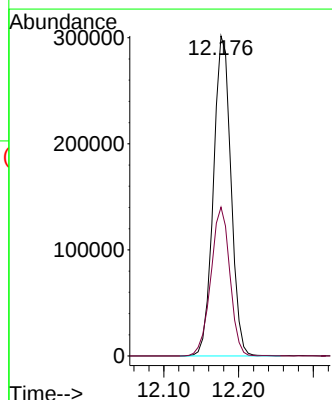
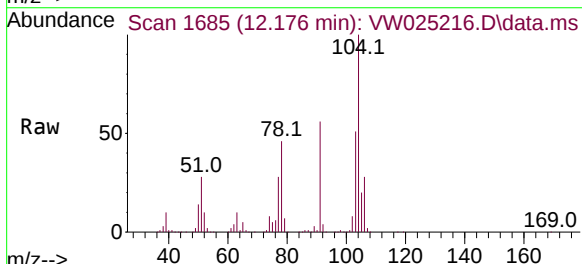
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

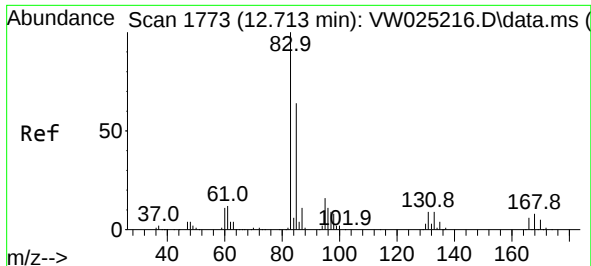
Tgt Ion:106 Resp: 285797
Ion Ratio Lower Upper
106 100
91 221.9 155.3 288.5



#55
Styrene
Concen: 24.845 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion:104 Resp: 492881
Ion Ratio Lower Upper
104 100
78 46.5 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.944 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025401

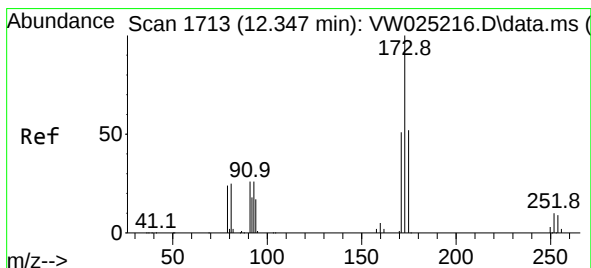
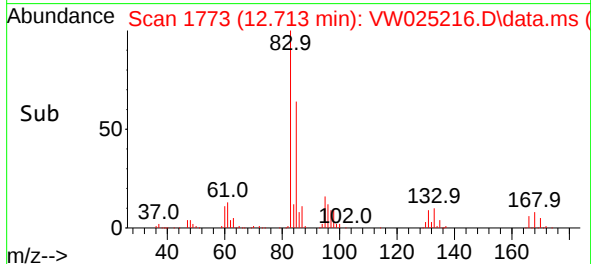
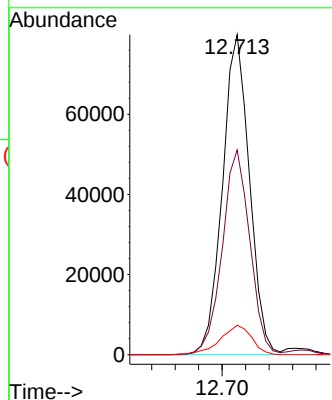
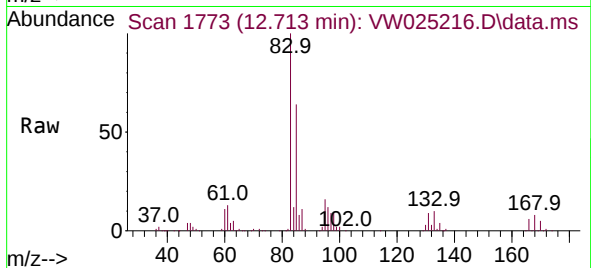
Tgt Ion: 83 Resp: 127517

Ion Ratio Lower Upper

83 100

85 64.0 44.8 83.2

131 9.2 7.4 11.0



#59

Bromoform

Concen: 22.014 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

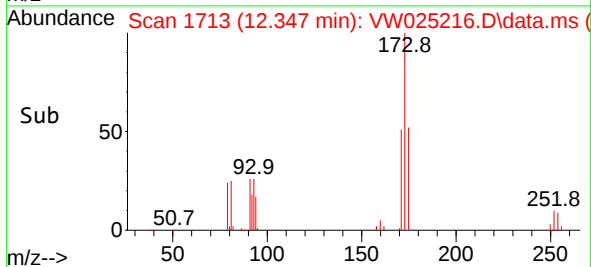
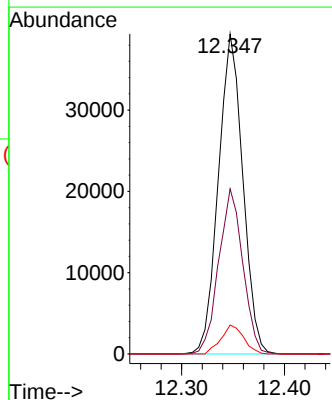
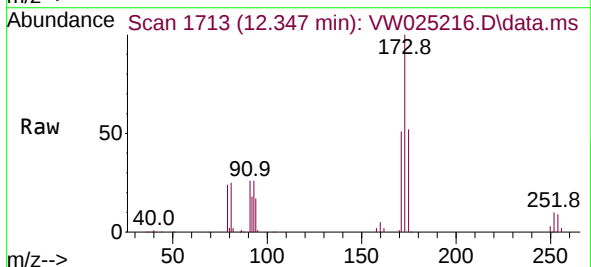
Tgt Ion:173 Resp: 64931

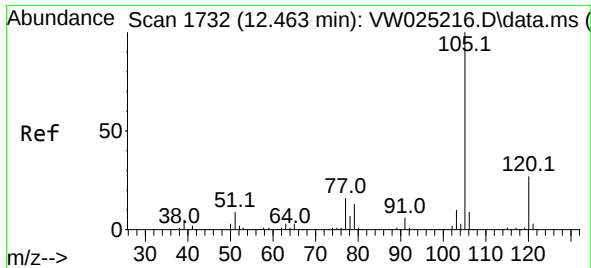
Ion Ratio Lower Upper

173 100

175 50.9 40.7 61.1

254 8.4 6.7 10.1

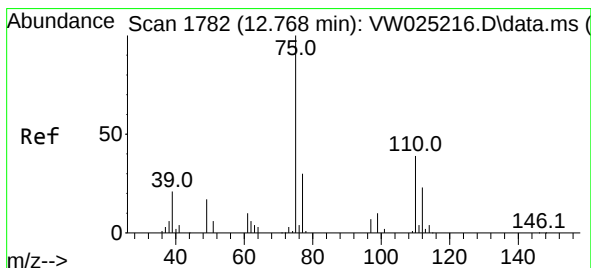
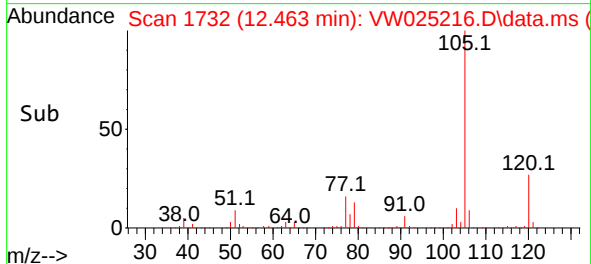
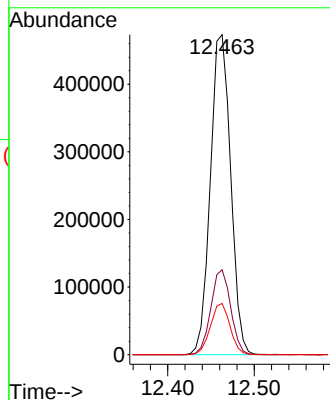
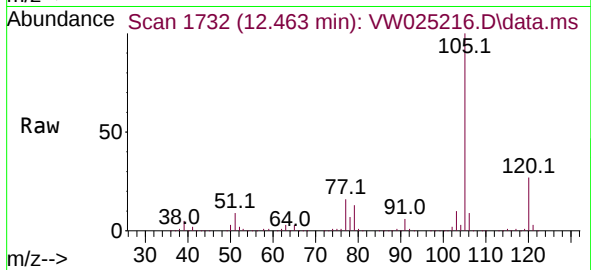




#60
Isopropylbenzene
Concen: 22.886 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

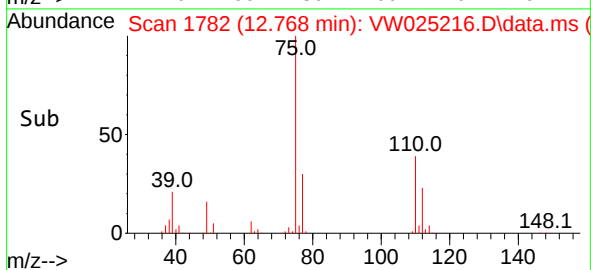
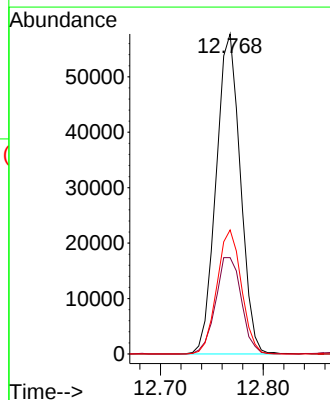
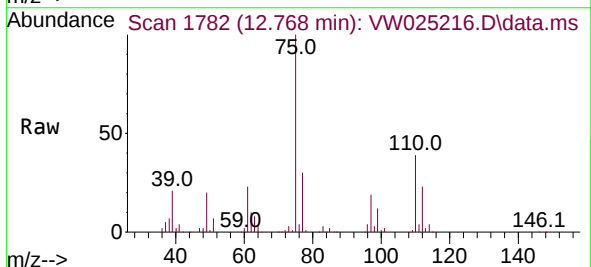
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

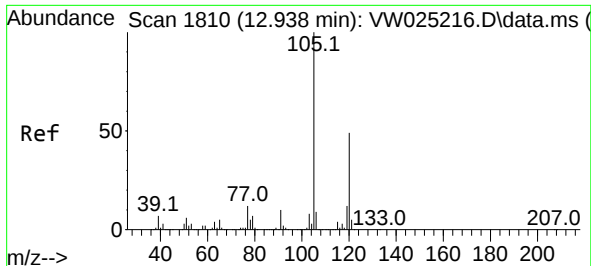
Tgt Ion:105 Resp: 771122
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.5 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 22.668 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion: 75 Resp: 94562
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
110 39.0 31.2 46.8

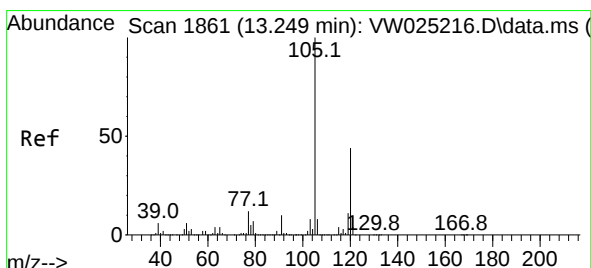
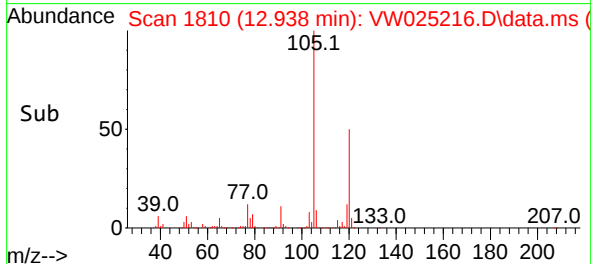
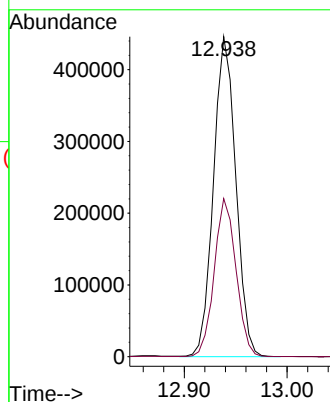
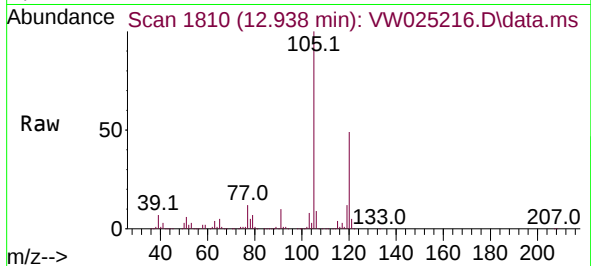




#62
1,3,5-Trimethylbenzene
Concen: 23.543 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

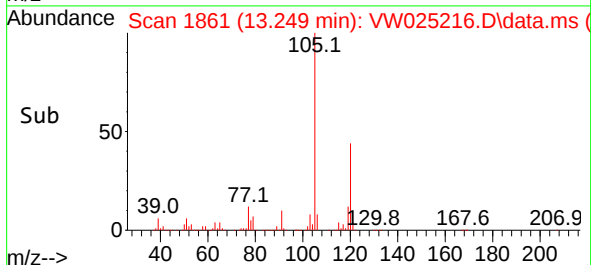
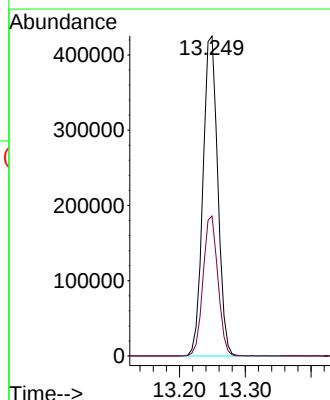
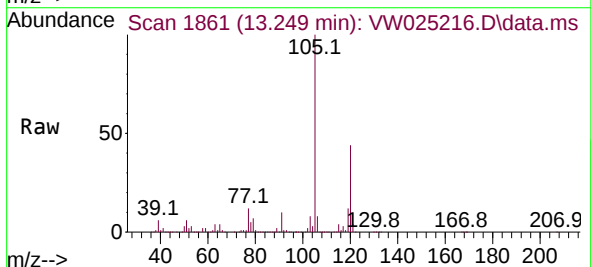
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

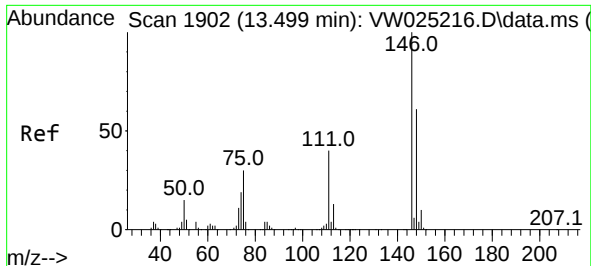
Tgt Ion:105 Resp: 672543
Ion Ratio Lower Upper
105 100
120 48.1 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 23.587 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion:105 Resp: 664690
Ion Ratio Lower Upper
105 100
120 43.9 35.1 52.7

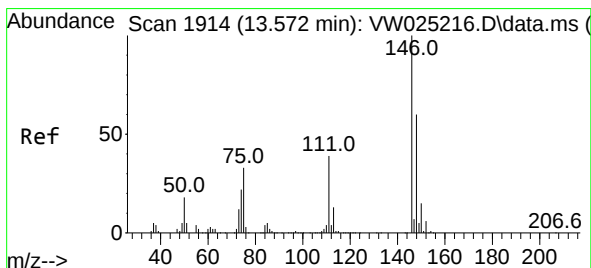
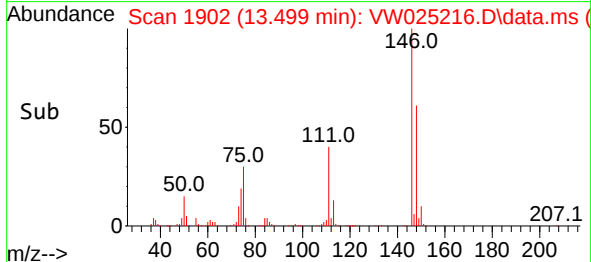
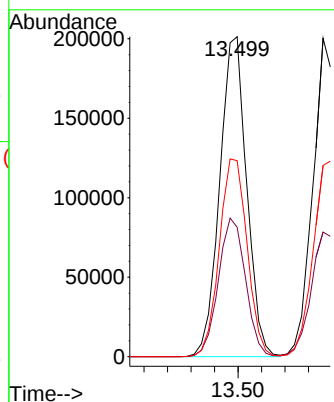
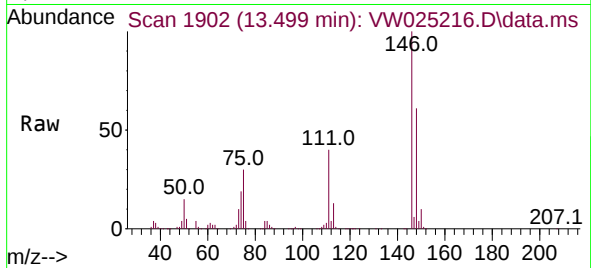




#64
1,3-Dichlorobenzene
Concen: 23.327 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

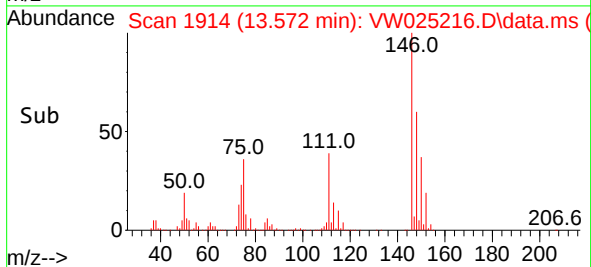
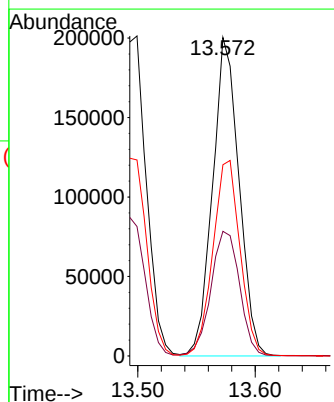
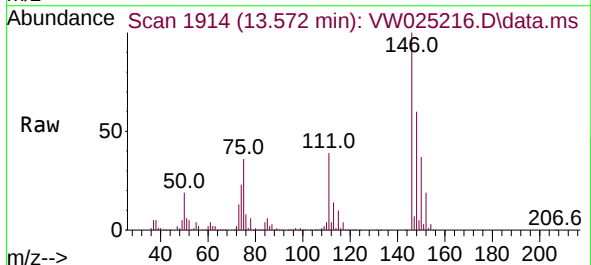
Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

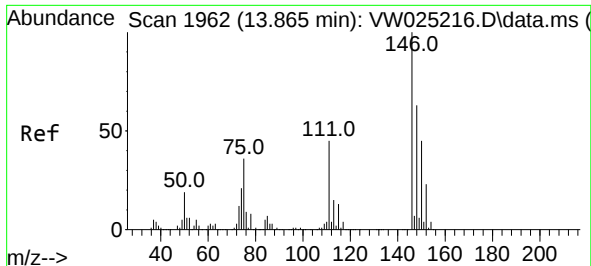
Tgt Ion:146 Resp: 321259
Ion Ratio Lower Upper
146 100
111 40.5 28.3 52.7
148 61.2 42.8 79.6



#65
1,4-Dichlorobenzene
Concen: 22.904 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion:146 Resp: 312604
Ion Ratio Lower Upper
146 100
111 39.2 27.4 51.0
148 60.0 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 23.274 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025401

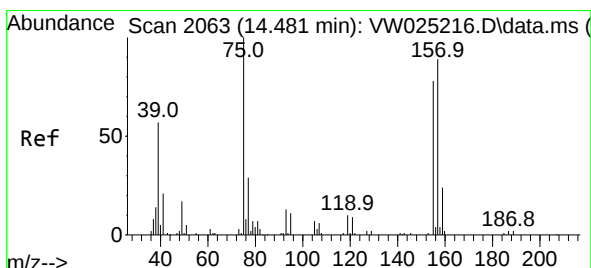
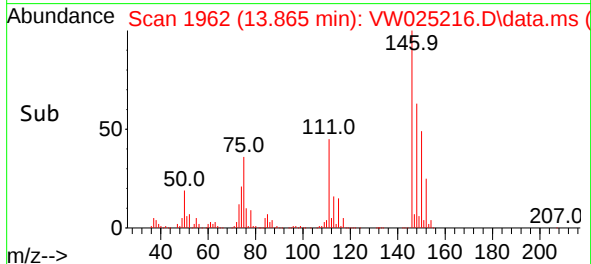
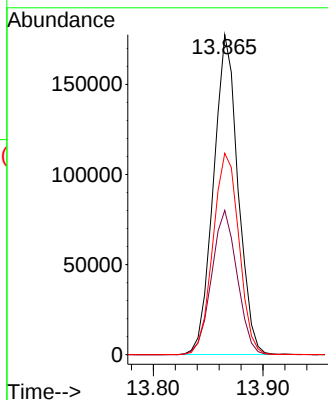
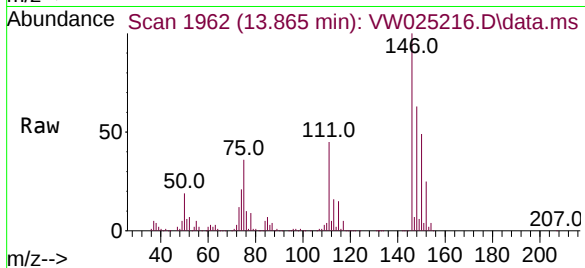
Tgt Ion:146 Resp: 276639

Ion Ratio Lower Upper

146 100

111 45.1 36.1 54.1

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 20.589 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

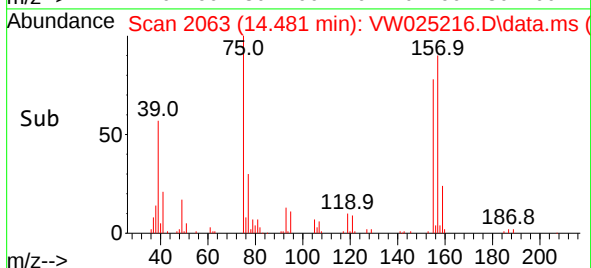
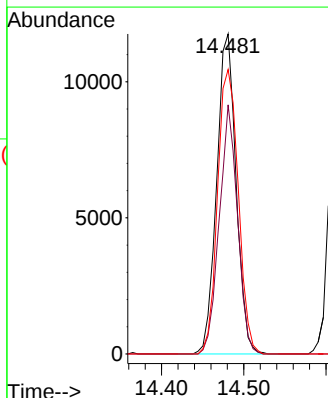
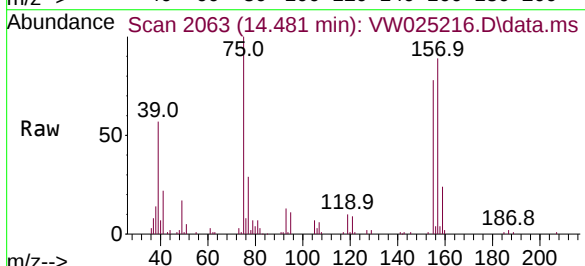
Tgt Ion: 75 Resp: 19238

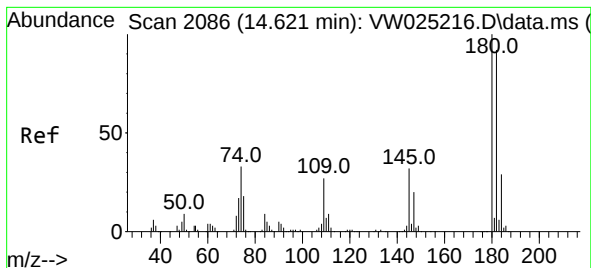
Ion Ratio Lower Upper

75 100

155 77.9 62.3 93.5

157 88.9 71.1 106.7





#69

1,3,5-Trichlorobenzene

Concen: 20.080 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

Instrument :

MSVOA_W

ClientSampleId :

VSTD025401

Tgt Ion:180 Resp: 197033

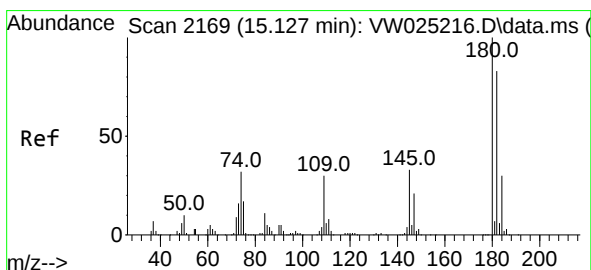
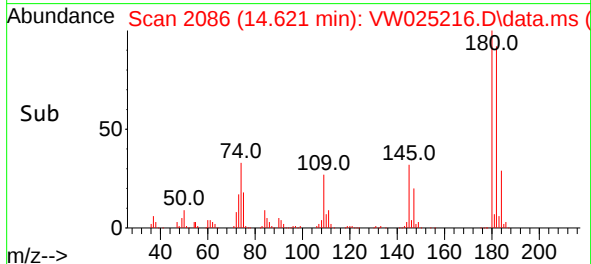
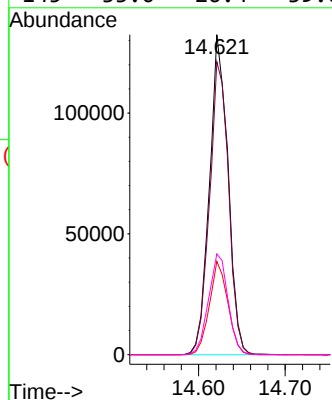
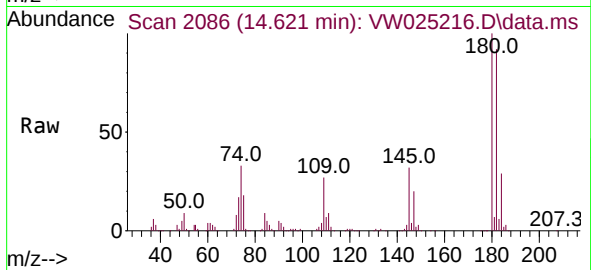
Ion Ratio Lower Upper

180 100

182 93.9 75.1 112.7

184 29.1 23.3 34.9

145 33.0 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 19.780 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW025216.D

Acq: 03 Jan 2023 13:28

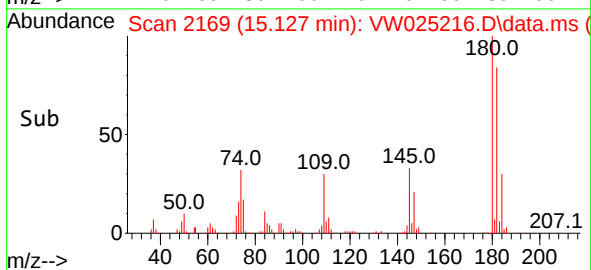
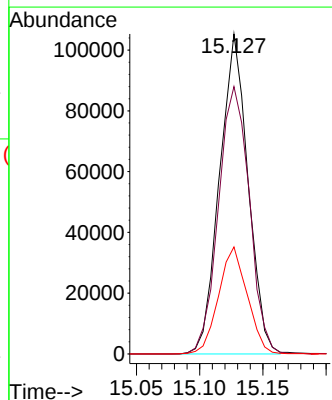
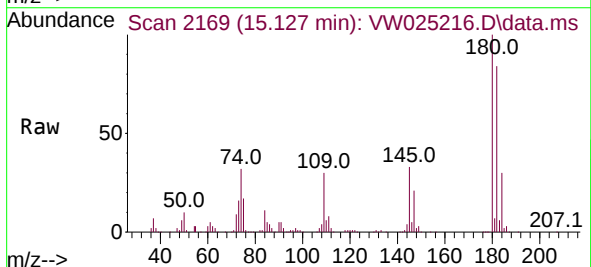
Tgt Ion:180 Resp: 164810

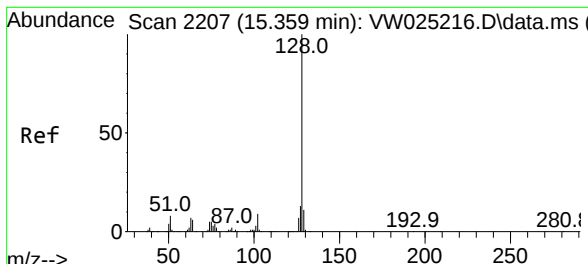
Ion Ratio Lower Upper

180 100

182 90.6 72.5 108.7

145 33.7 27.0 40.4

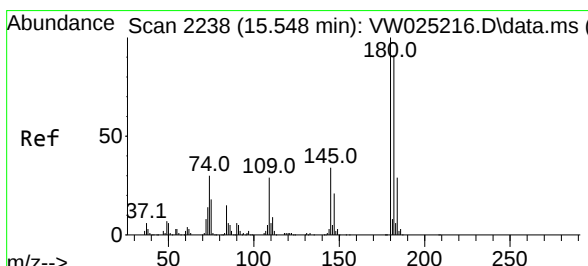
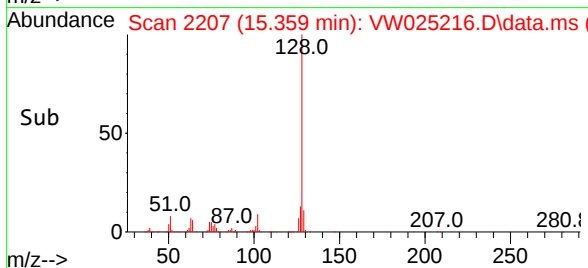
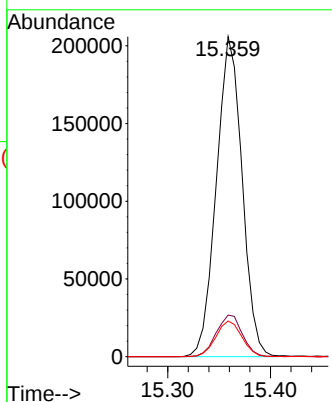
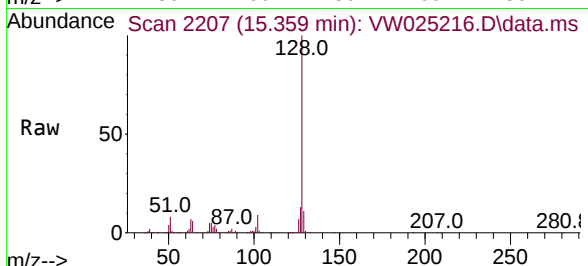




#71
Naphthalene
Concen: 21.897 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Instrument :
MSVOA_W
ClientSampleId :
VSTD025401

Tgt Ion:	128	Resp:	357580
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	16.0
129	11.3	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 22.258 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW025216.D
Acq: 03 Jan 2023 13:28

Tgt Ion:	180	Resp:	159080
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
145	35.7	28.6	42.8

