

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021523\
 Data File : VW025338.D
 Acq On : 15 Feb 2023 14:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Feb 15 22:07:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 15 22:06:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	339457	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	301401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	155607	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	62643	19.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.280%
7) Chloroethane-d5	2.893	69	60290	20.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.680%
11) 1,1-Dichloroethene-d2	4.027	63	190882	20.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.840%
21) 2-Butanone-d5	7.075	46	48526	56.905	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.820%
24) Chloroform-d	7.648	84	211384	23.758	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.040%
26) 1,2-Dichloroethane-d4	8.307	65	108483	25.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.270	84	396830	21.723	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.880%
36) 1,2-Dichloropropane-d6	9.270	67	115692	21.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.600%
41) Toluene-d8	10.319	98	364539	22.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.280%
43) trans-1,3-Dichloroprop...	10.575	79	48499	24.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.120%
47) 2-Hexanone-d5	10.922	63	39999	66.746	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92678	25.498	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	121217	22.453	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	99588	21.681	ug/L	94
3) Chloromethane	2.223	50	94680	21.474	ug/L	96
5) Vinyl chloride	2.375	62	107192	23.871	ug/L	96
6) Bromomethane	2.783	94	71834	23.364	ug/L	97
8) Chloroethane	2.930	64	66035	23.557	ug/L	98
9) Trichlorofluoromethane	3.265	101	119348	18.478	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	119452	25.505	ug/L	94
12) 1,1-Dichloroethene	4.039	96	111409	23.963	ug/L	98
13) Acetone	4.112	43	56275	59.851	ug/L	98
14) Carbon disulfide	4.387	76	327733	21.571	ug/L	100
15) Methyl Acetate	4.661	43	43589	27.092	ug/L	99
16) Methylene chloride	4.917	84	134796	23.327	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	121179	24.270	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	169253	23.581	ug/L	99
19) 1,1-Dichloroethane	6.216	63	224184	25.216	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	132708	25.314	ug/L	98
22) 2-Butanone	7.167	43	63583	55.608	ug/L	100
23) Bromochloromethane	7.514	128	54800	25.378	ug/L	92
25) Chloroform	7.673	83	235851	25.790	ug/L	95

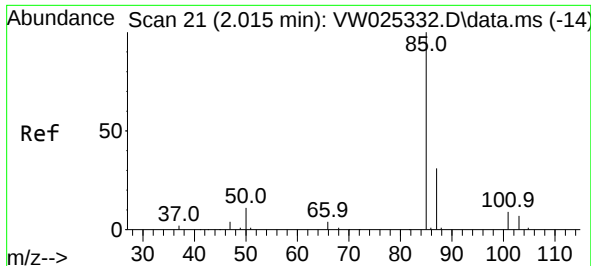
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021523\
 Data File : VW025338.D
 Acq On : 15 Feb 2023 14:46
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

Quant Time: Feb 15 22:07:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 15 22:06:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	152025	27.295	ug/L	99
29) Cyclohexane	7.953	56	194949	22.460	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	205377	24.023	ug/L	99
31) Carbon tetrachloride	8.069	117	192779	24.380	ug/L	98
33) Benzene	8.319	78	497404	23.848	ug/L	100
34) Trichloroethene	9.087	95	137814	23.589	ug/L	98
35) Methylcyclohexane	9.331	83	234967	22.532	ug/L	99
37) 1,2-Dichloropropane	9.361	63	121643	23.647	ug/L	100
38) Bromodichloromethane	9.642	83	166802	24.386	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	201240	23.892	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	121608	53.540	ug/L	99
42) Toluene	10.386	91	543360	26.197	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	168897	28.131	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	90160	27.809	ug/L	94
46) Tetrachloroethene	10.861	164	103399	27.694	ug/L	94
48) 2-Hexanone	10.965	43	92715	64.659	ug/L	99
49) Dibromochloromethane	11.129	129	103392	28.235	ug/L	100
50) 1,2-Dibromoethane	11.233	107	86661	29.180	ug/L	98
51) Chlorobenzene	11.654	112	344400	25.231	ug/L	96
52) Ethylbenzene	11.727	91	635899	25.588	ug/L	98
53) m,p-Xylene	11.837	106	244180	25.926	ug/L	97
54) o-Xylene	12.160	106	227944	24.041	ug/L	98
55) Styrene	12.178	104	391495	24.387	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	103035	26.672	ug/L	100
59) Bromoform	12.349	173	56542	25.611	ug/L	99
60) Isopropylbenzene	12.458	105	651828	24.735	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	75361	27.239	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	542592	25.540	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	529513	24.874	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	267869	24.534	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	274030	25.434	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	236871	25.175	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.483	75	17982	27.828	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	188890	26.603	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	152640	26.402	ug/L	97
71) Naphthalene	15.360	128	286716	27.129	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	130522	26.293	ug/L	98

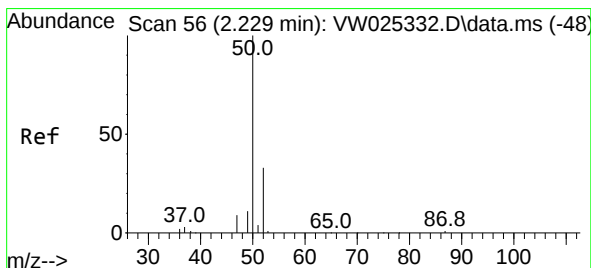
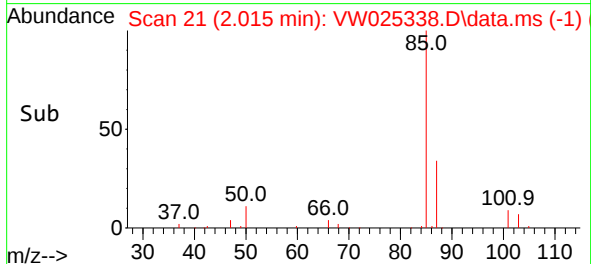
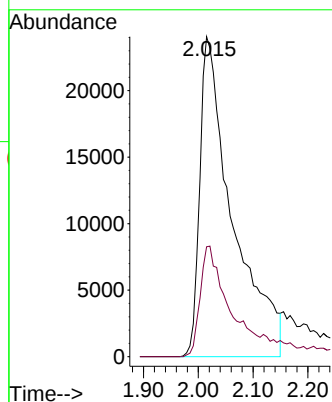
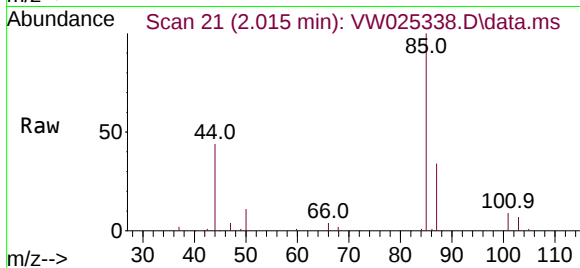
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 21.681 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

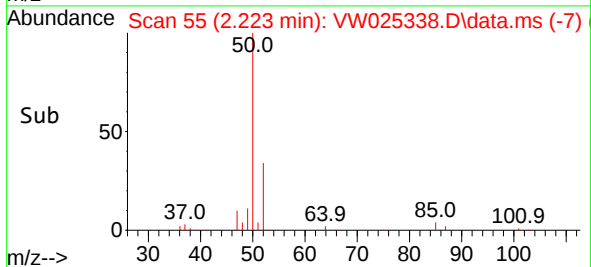
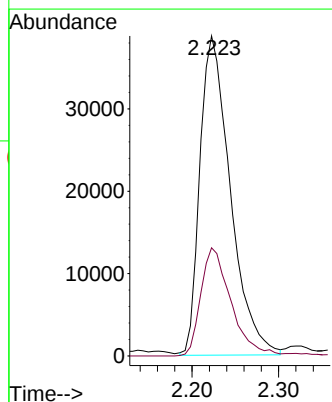
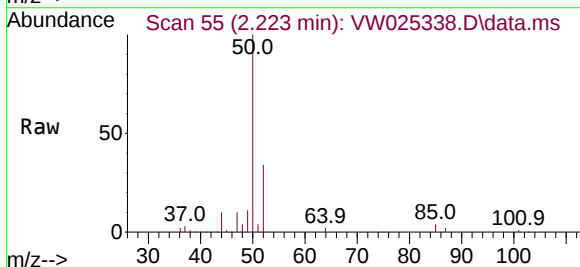
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

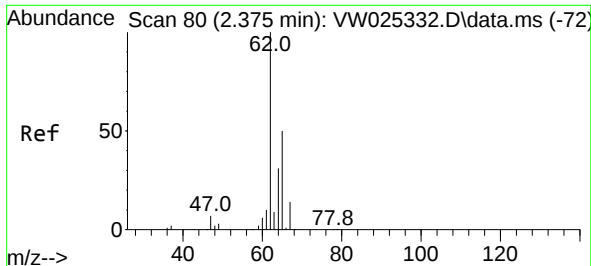
Tgt Ion: 85 Resp: 99588
 Ion Ratio Lower Upper
 85 100
 87 25.9 23.3 34.9



#3
 Chloromethane
 Concen: 21.474 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

Tgt Ion: 50 Resp: 94680
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.0 40.8

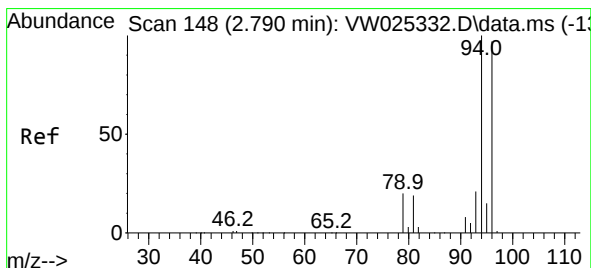
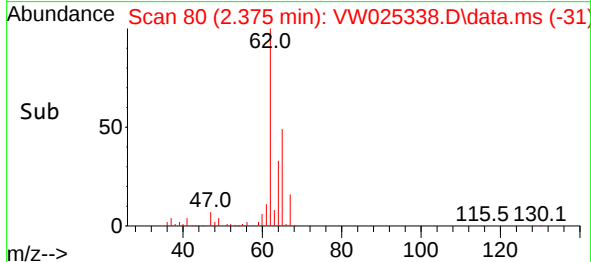
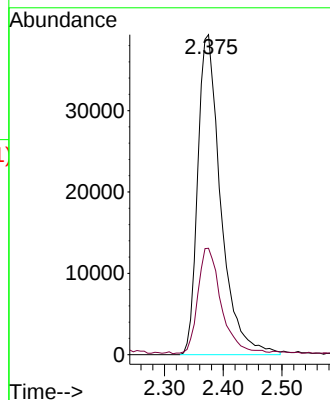
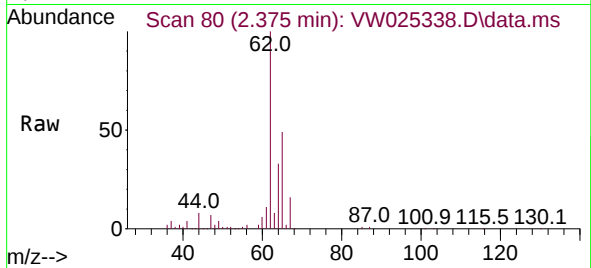




#5
 Vinyl chloride
 Concen: 23.871 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

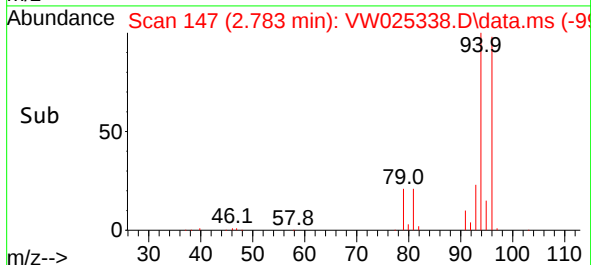
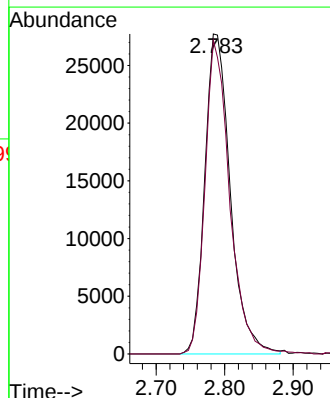
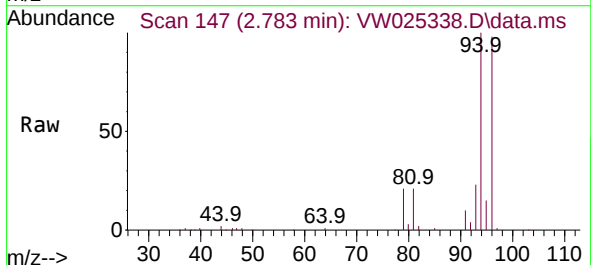
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

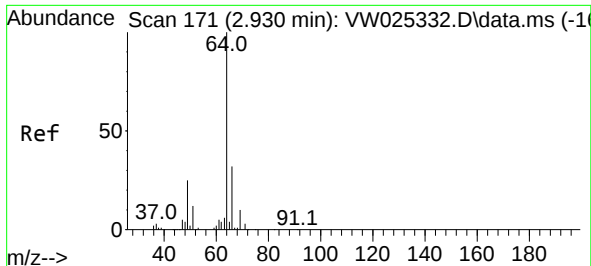
Tgt Ion: 62 Resp: 107192
 Ion Ratio Lower Upper
 62 100
 64 33.3 21.8 40.6



#6
 Bromomethane
 Concen: 23.364 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

Tgt Ion: 94 Resp: 71834
 Ion Ratio Lower Upper
 94 100
 96 98.0 66.3 123.1

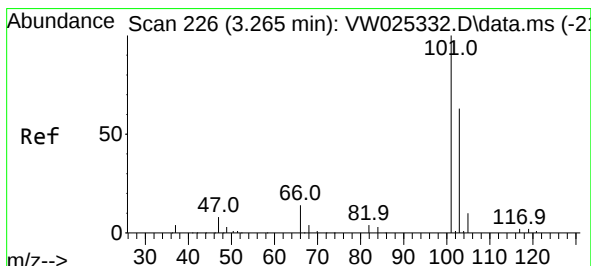
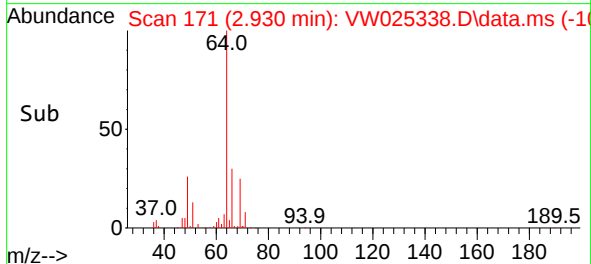
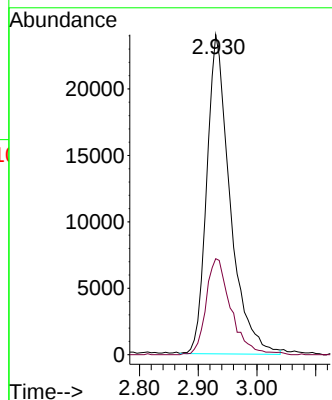
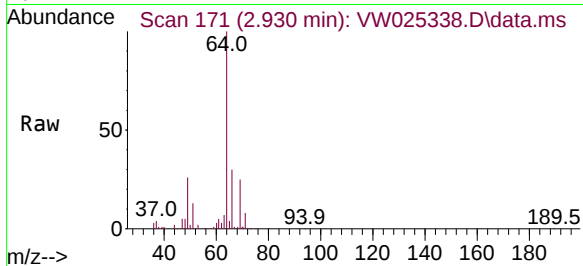




#8
Chloroethane
Concen: 23.557 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

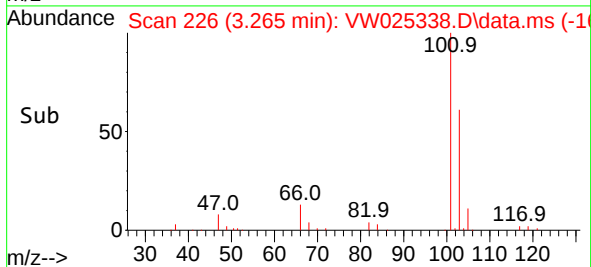
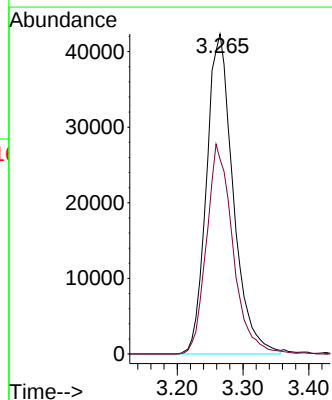
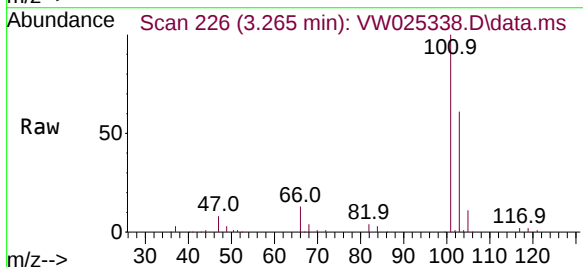
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

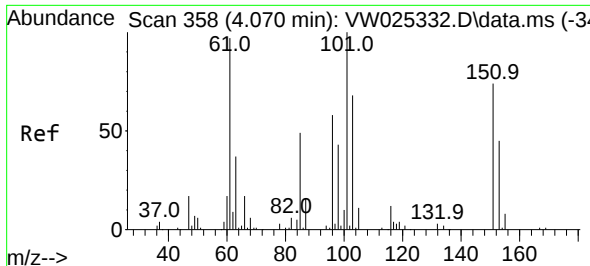
Tgt Ion: 64 Resp: 66035
Ion Ratio Lower Upper
64 100
66 30.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 18.478 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion:101 Resp: 119348
Ion Ratio Lower Upper
101 100
103 64.9 52.4 78.6

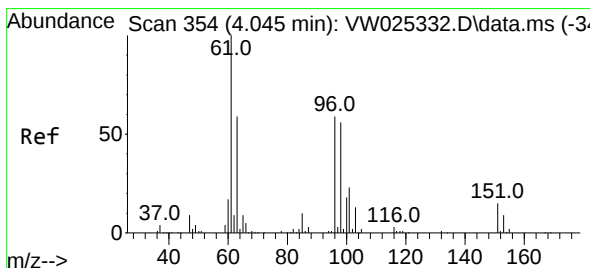
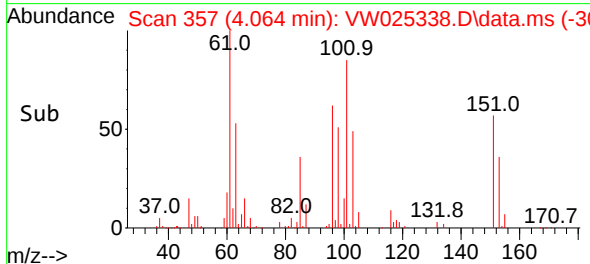
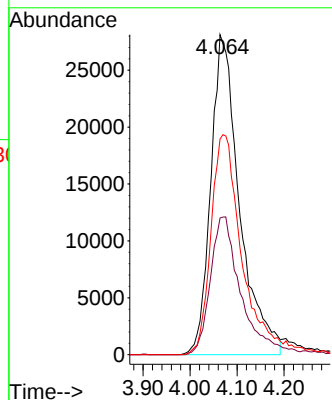
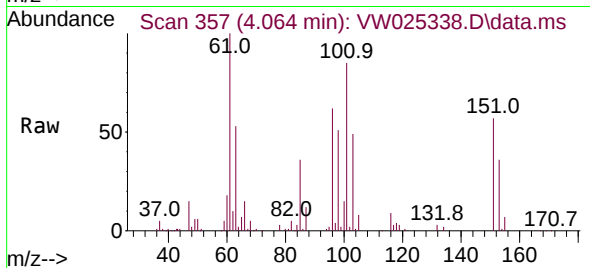




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.505 ug/L
 RT: 4.064 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

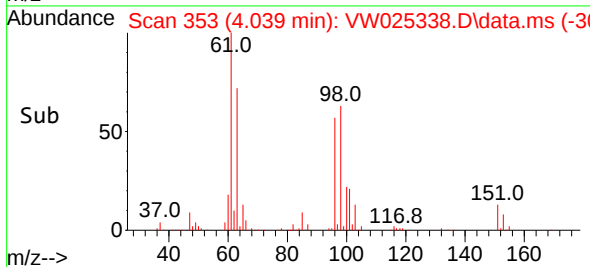
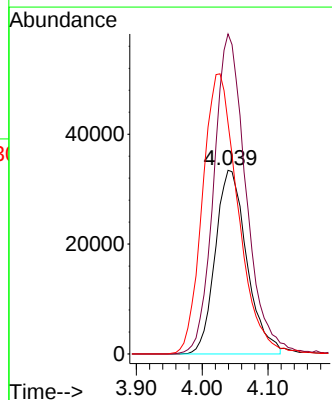
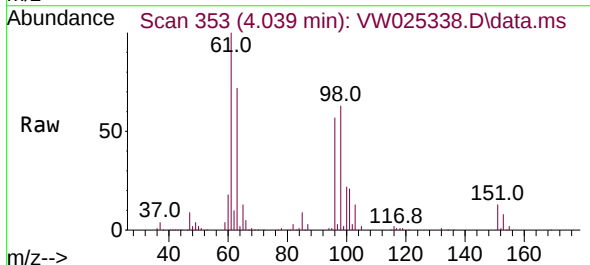
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

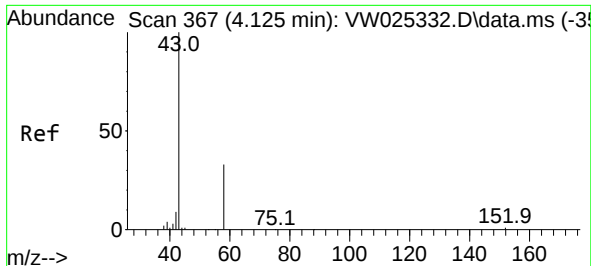
Tgt Ion:101 Resp: 119452
 Ion Ratio Lower Upper
 101 100
 85 45.4 32.8 49.2
 151 72.8 54.7 82.1



#12
 1,1-Dichloroethene
 Concen: 23.963 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

Tgt Ion: 96 Resp: 111409
 Ion Ratio Lower Upper
 96 100
 61 174.2 120.8 224.4
 63 125.7 85.7 159.1

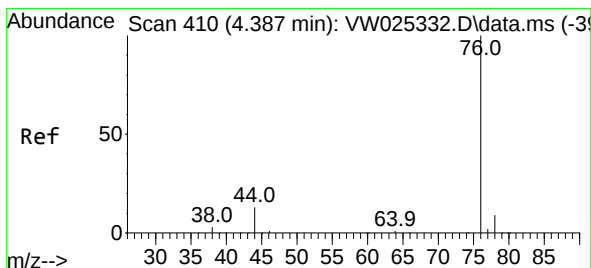
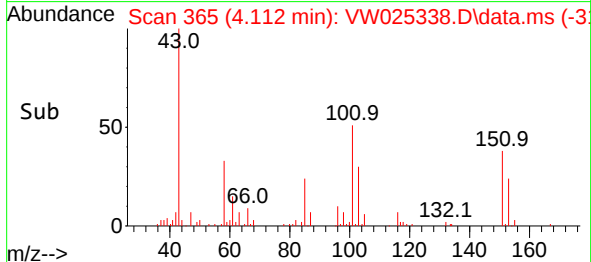
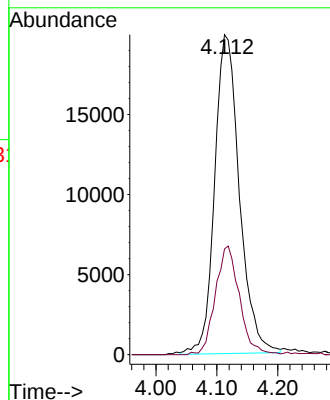
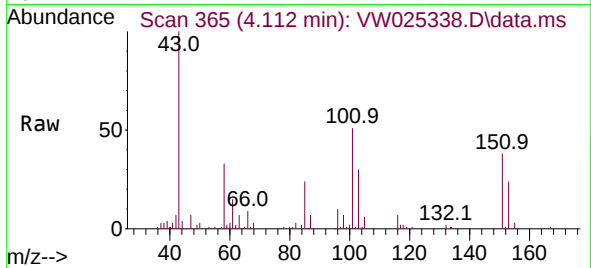




#13
Acetone
Concen: 59.851 ug/L
RT: 4.112 min Scan# 301
Delta R.T. -0.012 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

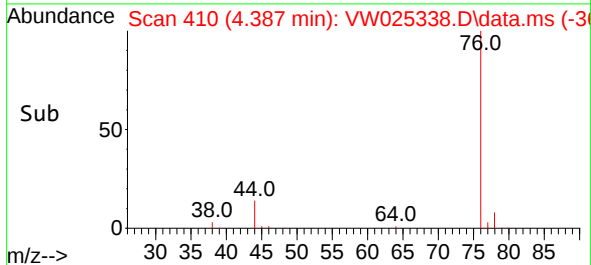
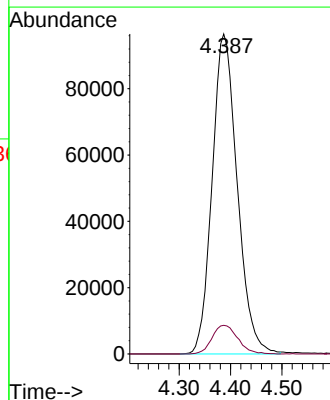
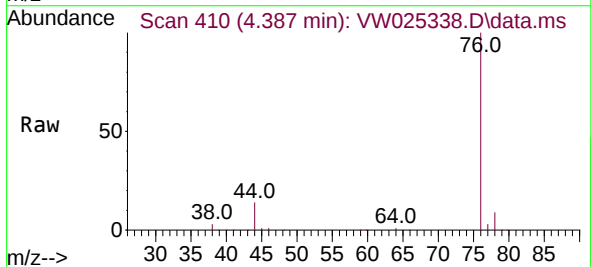
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

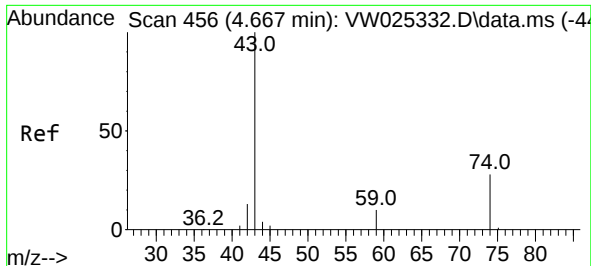
Tgt Ion: 43 Resp: 56275
Ion Ratio Lower Upper
43 100
58 32.8 0.0 63.0



#14
Carbon disulfide
Concen: 21.571 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 76 Resp: 327733
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

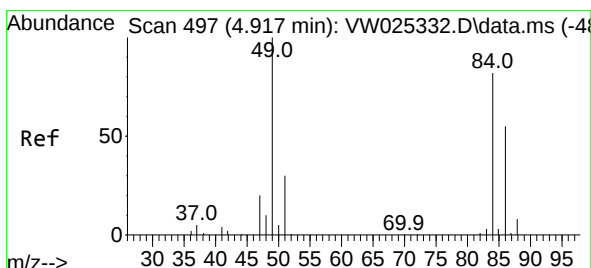
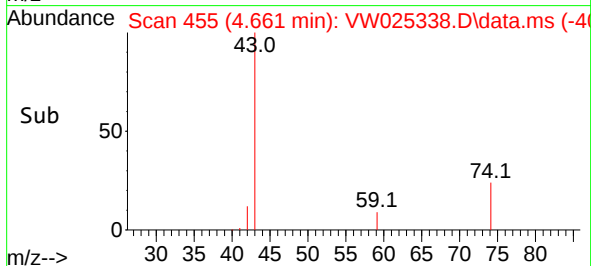
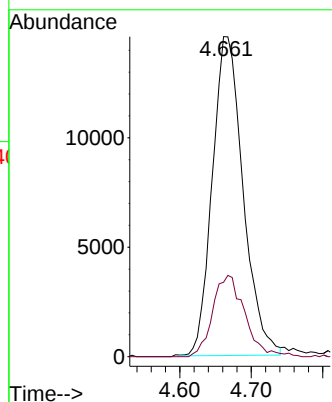
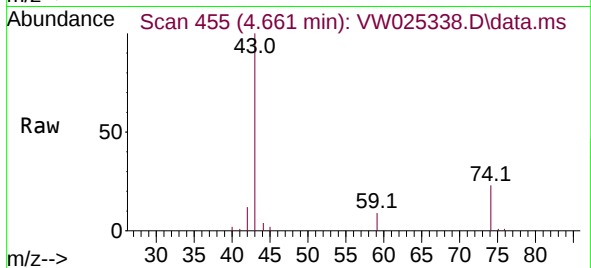




#15
Methyl Acetate
Concen: 27.092 ug/L
RT: 4.661 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

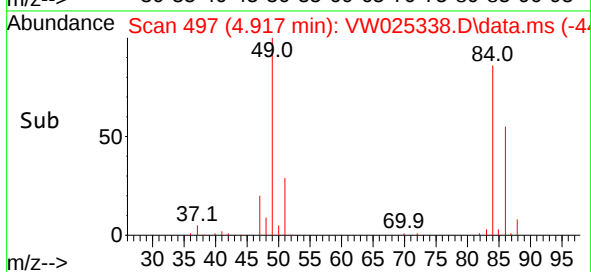
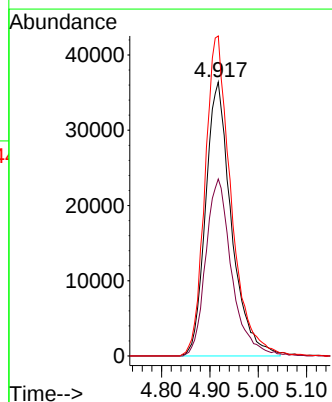
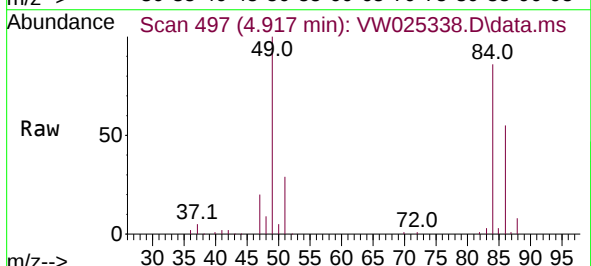
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

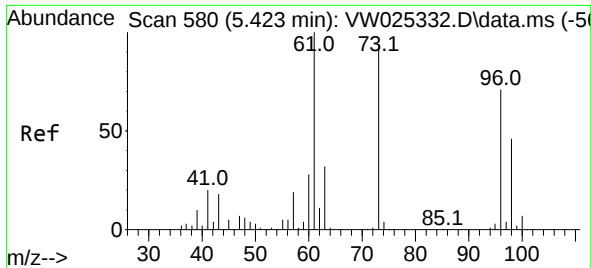
Tgt Ion: 43 Resp: 43589
Ion Ratio Lower Upper
43 100
74 25.7 20.2 30.2



#16
Methylene chloride
Concen: 23.327 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 84 Resp: 134796
Ion Ratio Lower Upper
84 100
86 64.6 47.2 87.6
49 116.8 86.5 160.7

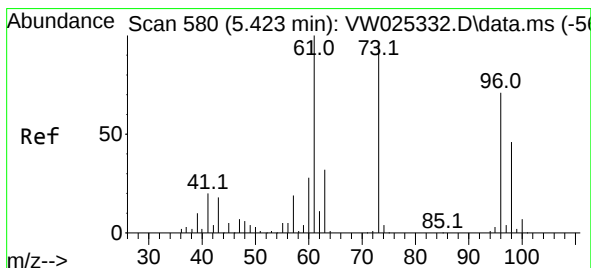
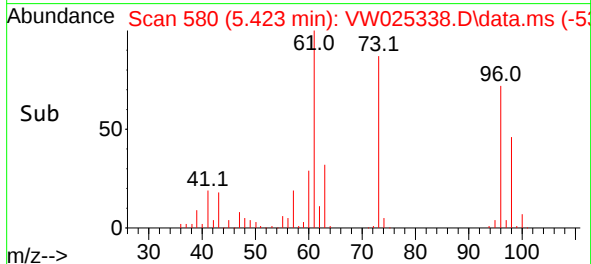
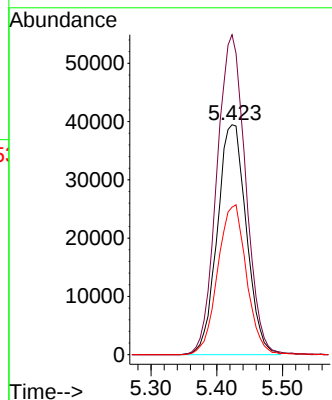
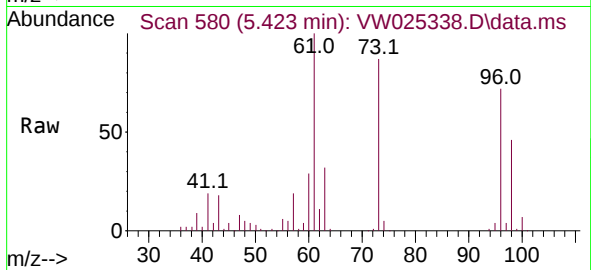




#17
trans-1,2-Dichloroethene
Concen: 24.270 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

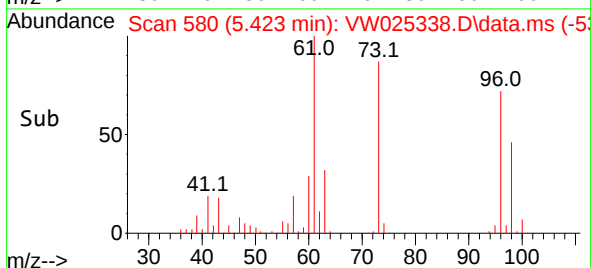
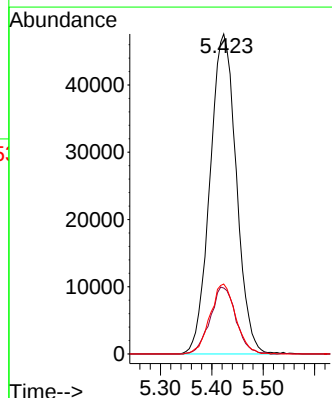
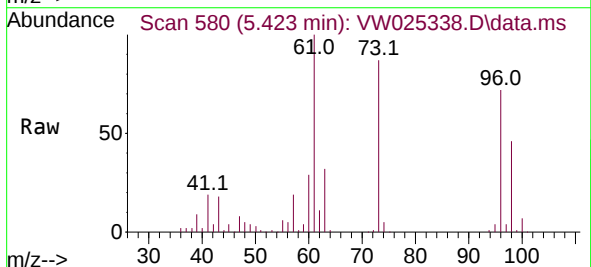
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

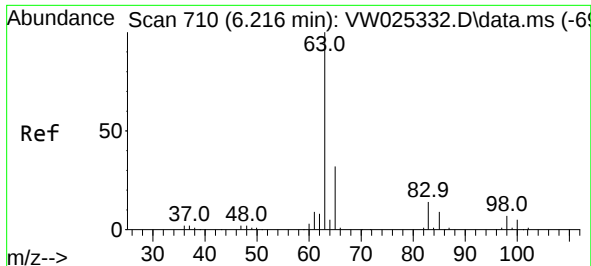
Tgt Ion: 96 Resp: 121179
Ion Ratio Lower Upper
96 100
61 139.2 98.4 182.8
98 64.2 43.5 80.9



#18
Methyl tert-butyl Ether
Concen: 23.581 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 73 Resp: 169253
Ion Ratio Lower Upper
73 100
43 20.4 15.8 23.6
57 21.1 17.0 25.4





#19

1,1-Dichloroethane

Concen: 25.216 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

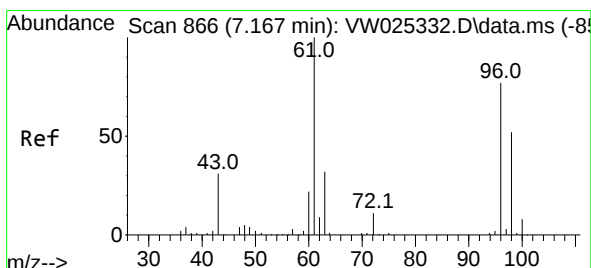
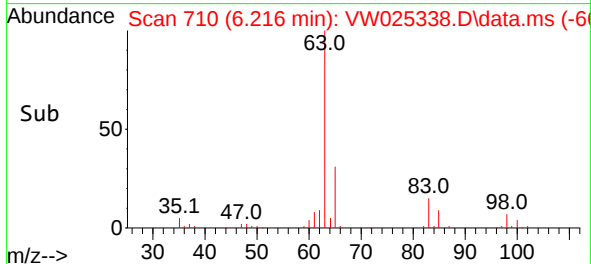
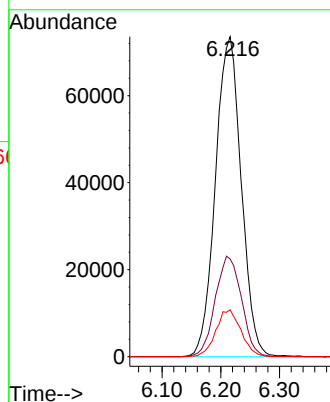
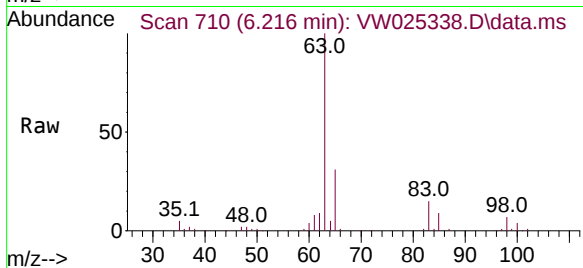
Tgt Ion: 63 Resp: 224184

Ion Ratio Lower Upper

63 100

65 30.5 22.0 41.0

83 14.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 25.314 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

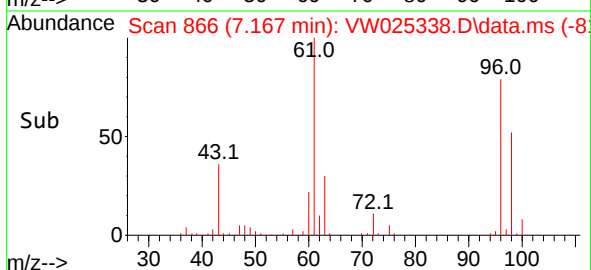
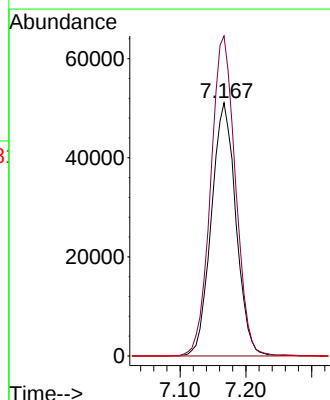
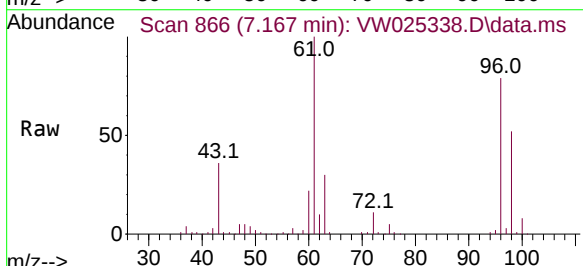
Tgt Ion: 96 Resp: 132708

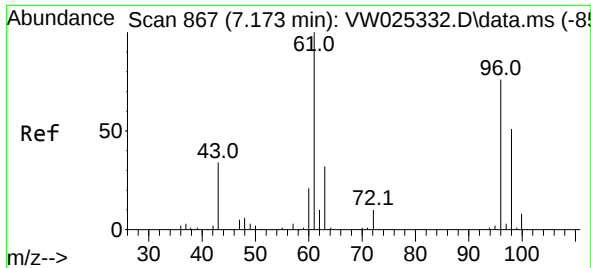
Ion Ratio Lower Upper

96 100

61 126.4 87.2 162.0

68 0.0 0.0 0.0

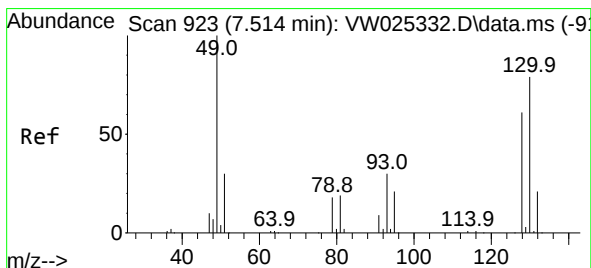
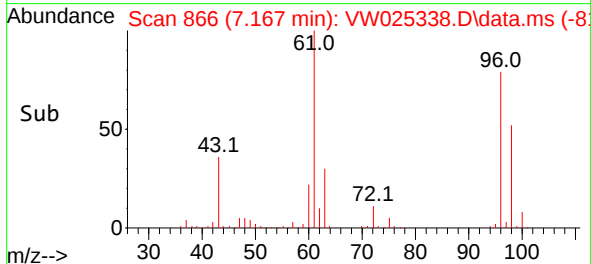
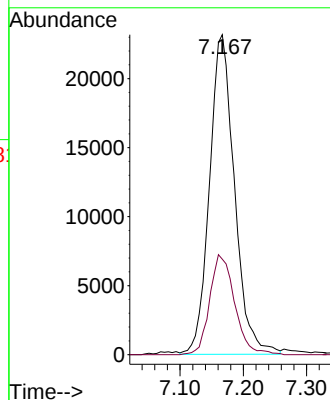
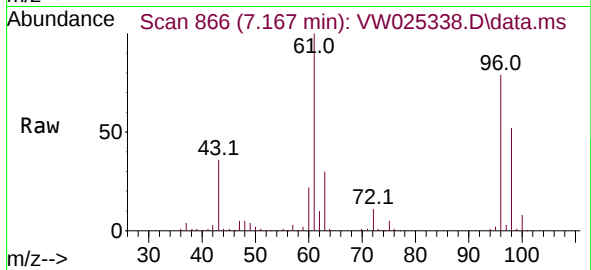




#22
2-Butanone
Concen: 55.608 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

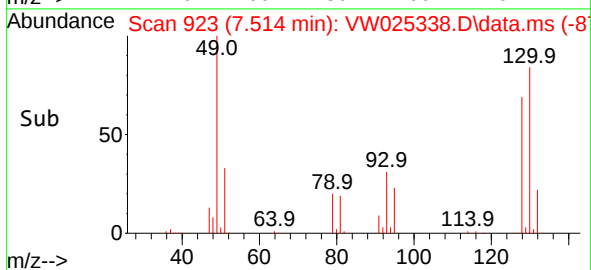
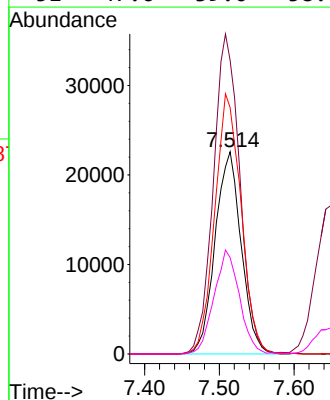
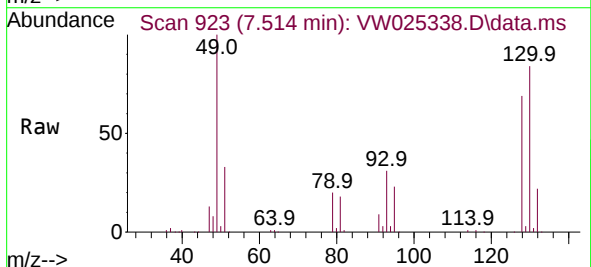
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

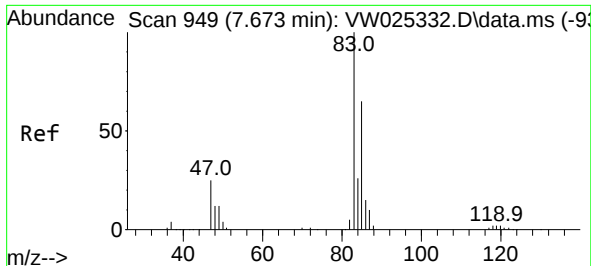
Tgt Ion: 43 Resp: 63583
Ion Ratio Lower Upper
43 100
72 30.6 15.2 45.6



#23
Bromochloromethane
Concen: 25.378 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 128 Resp: 54800
Ion Ratio Lower Upper
128 100
49 145.1 109.0 202.4
130 121.8 93.3 173.3
51 47.6 39.0 58.4

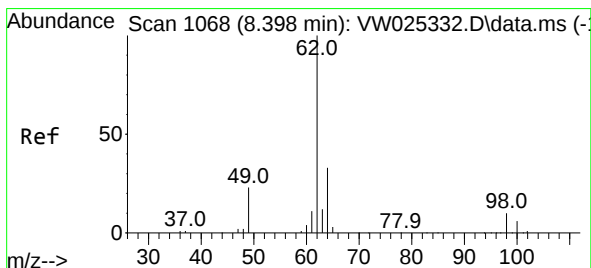
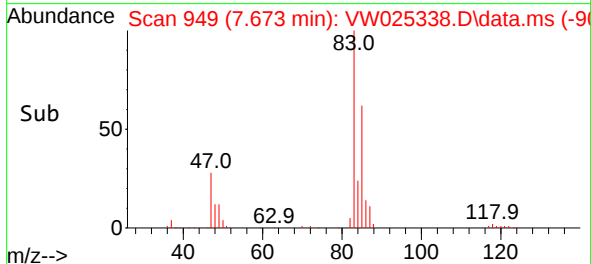
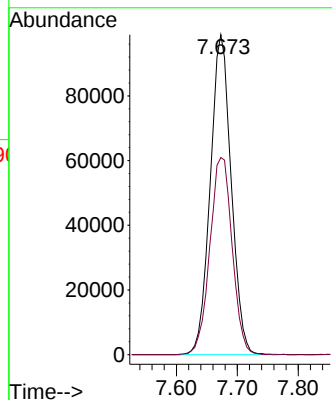
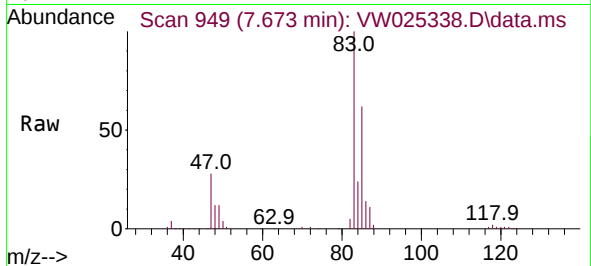




#25
Chloroform
Concen: 25.790 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

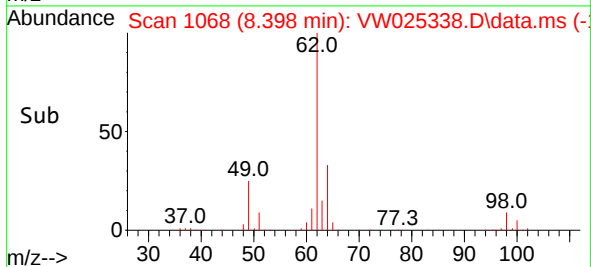
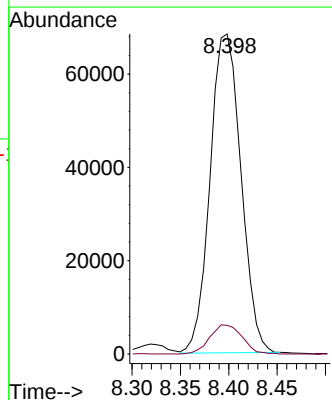
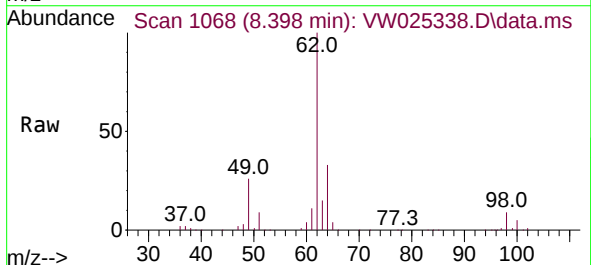
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

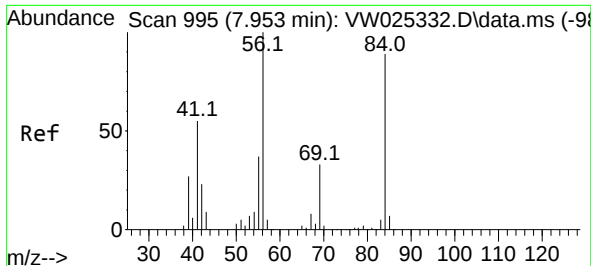
Tgt Ion: 83 Resp: 235851
Ion Ratio Lower Upper
83 100
85 61.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 27.295 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 62 Resp: 152025
Ion Ratio Lower Upper
62 100
98 9.0 7.4 11.0





#29

Cyclohexane

Concen: 22.460 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

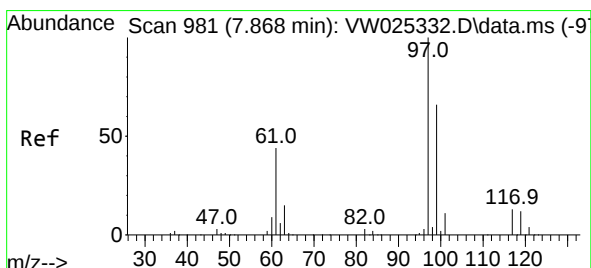
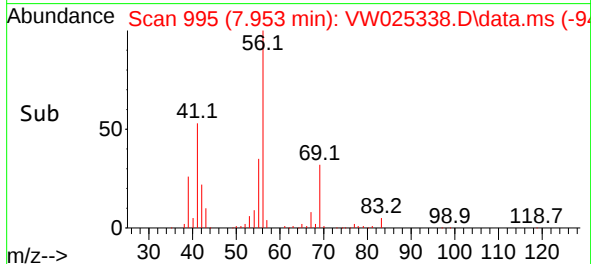
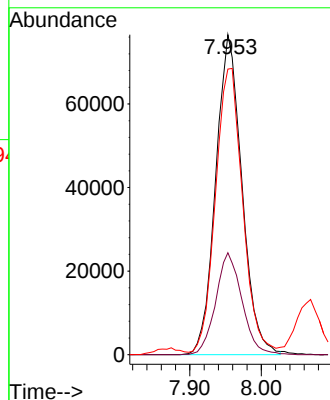
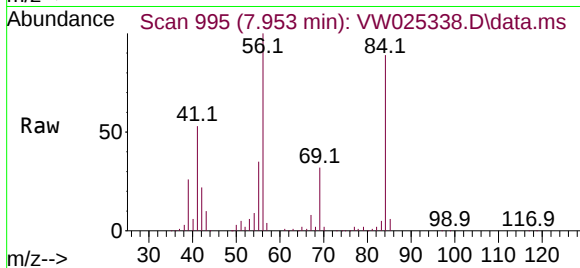
Tgt Ion: 56 Resp: 194949

Ion Ratio Lower Upper

56 100

69 31.8 25.1 37.7

84 93.0 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 24.023 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

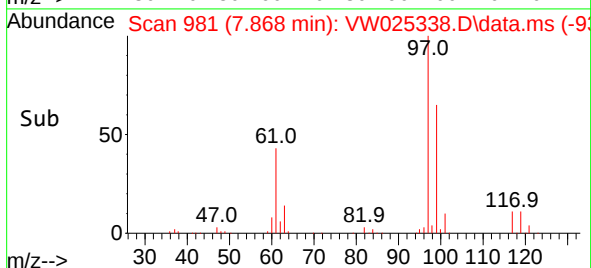
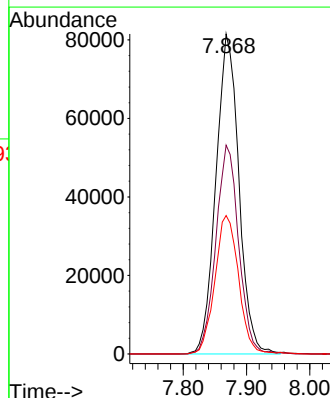
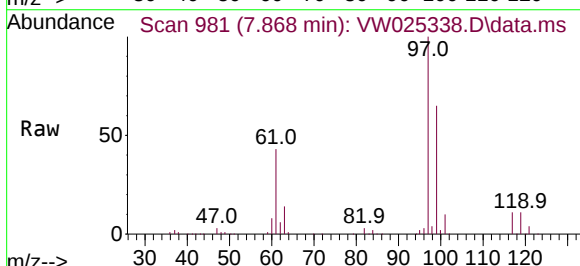
Tgt Ion: 97 Resp: 205377

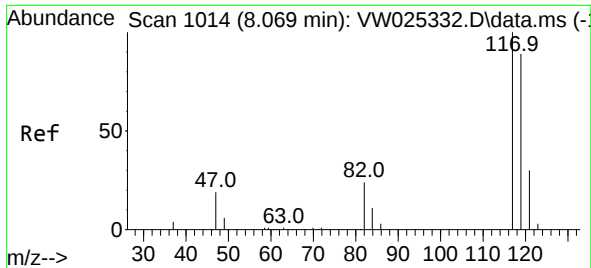
Ion Ratio Lower Upper

97 100

99 64.4 51.2 76.8

61 44.6 35.0 52.6

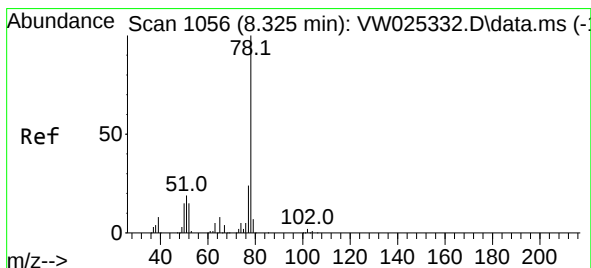
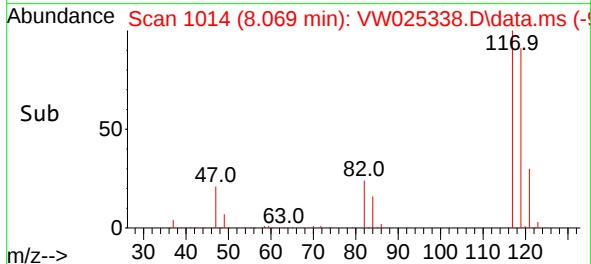
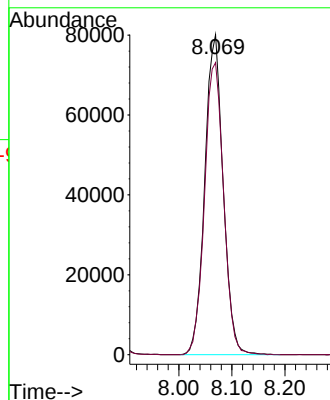
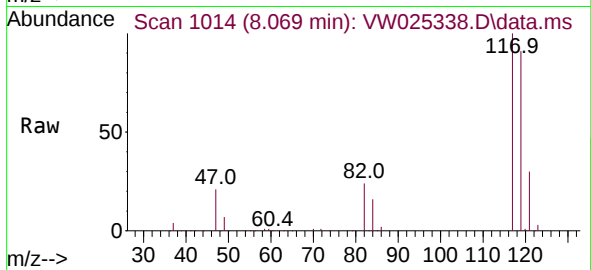




#31
Carbon tetrachloride
Concen: 24.380 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

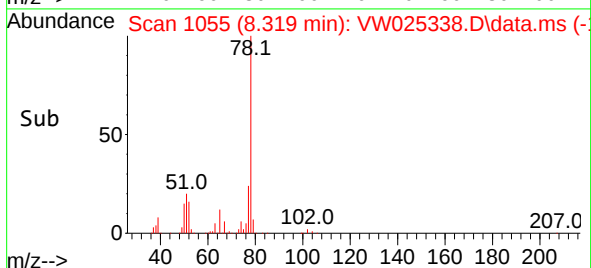
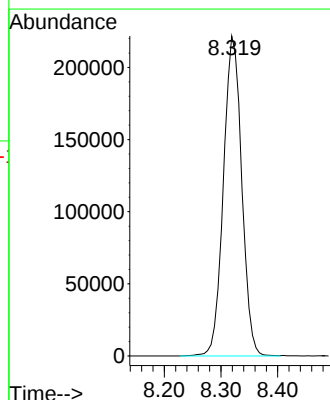
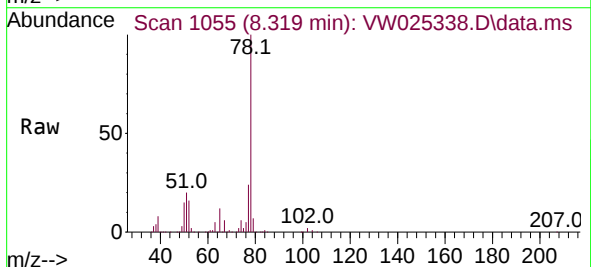
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

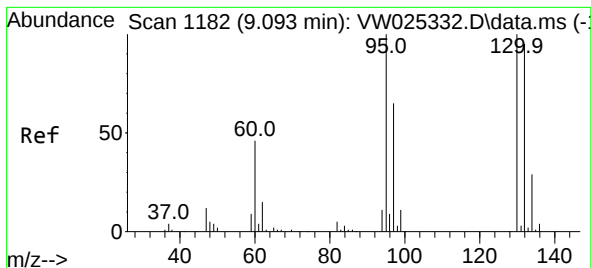
Tgt Ion:117 Resp: 192779
Ion Ratio Lower Upper
117 100
119 94.9 77.6 116.4



#33
Benzene
Concen: 23.848 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 78 Resp: 497404





#34

Trichloroethene

Concen: 23.589 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion: 95 Resp: 137814

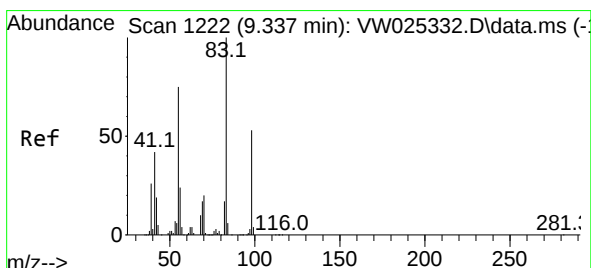
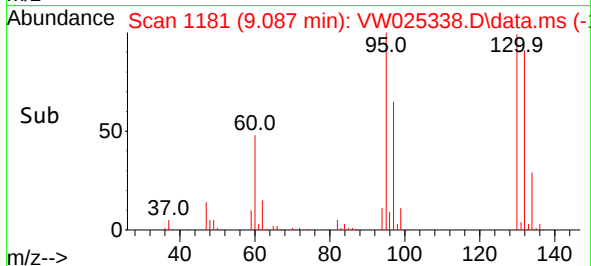
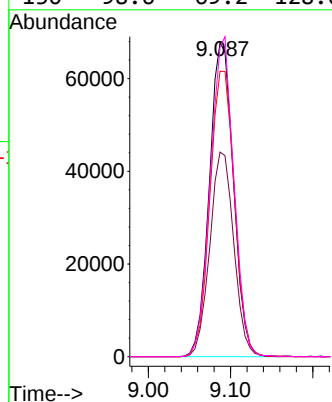
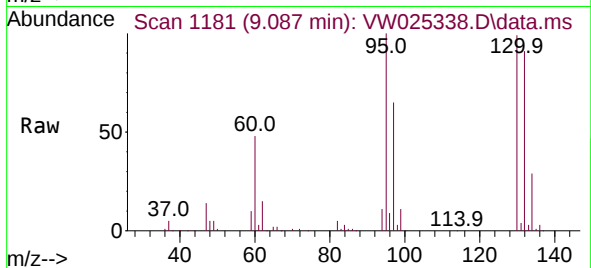
Ion Ratio Lower Upper

95 100

97 65.2 45.4 84.2

132 90.9 67.1 124.5

130 98.6 69.2 128.6



#35

Methylcyclohexane

Concen: 22.532 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

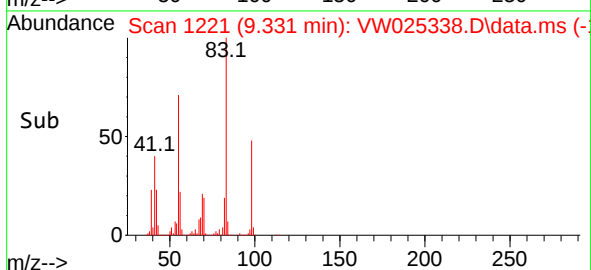
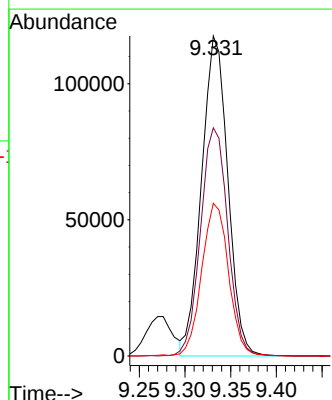
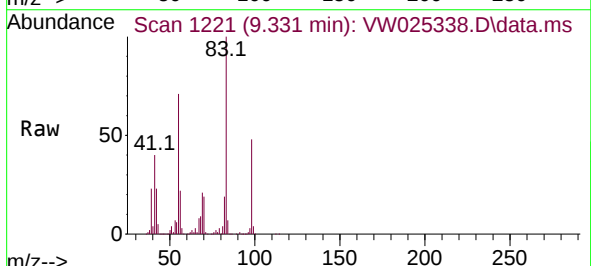
Tgt Ion: 83 Resp: 234967

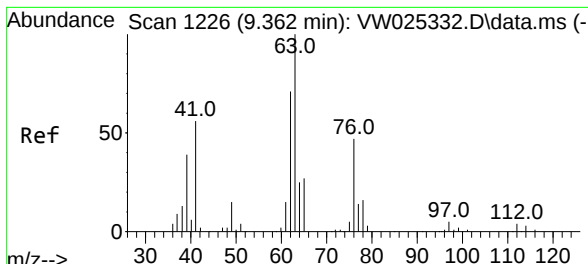
Ion Ratio Lower Upper

83 100

55 73.9 58.8 88.2

98 48.7 39.5 59.3

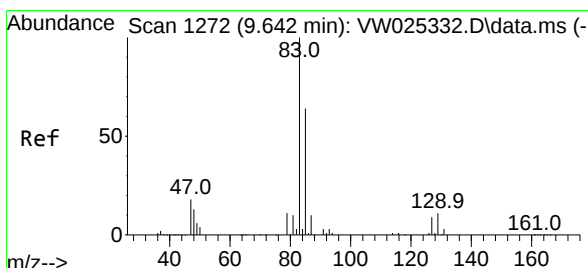
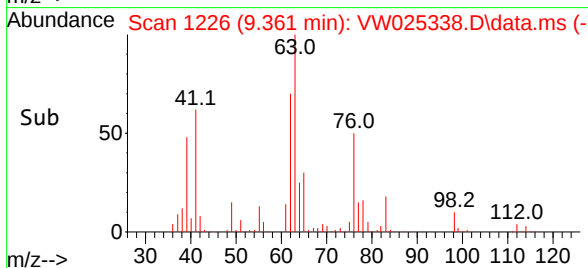
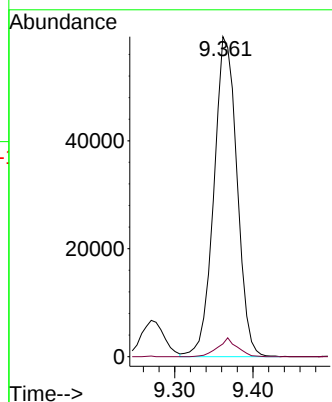
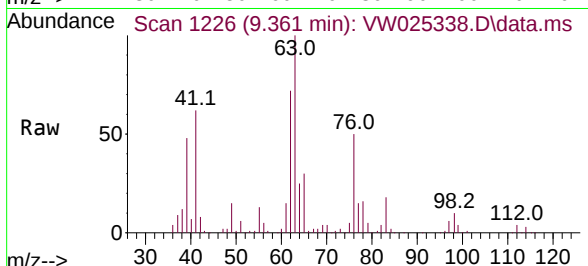




#37
 1,2-Dichloropropane
 Concen: 23.647 ug/L
 RT: 9.361 min Scan# 1226
 Delta R.T. -0.000 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

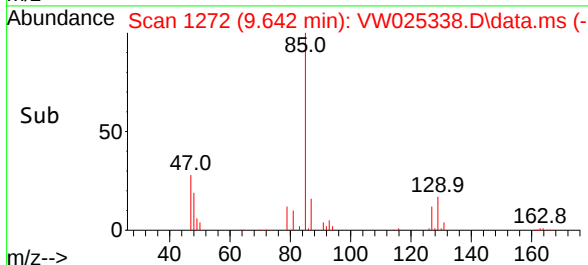
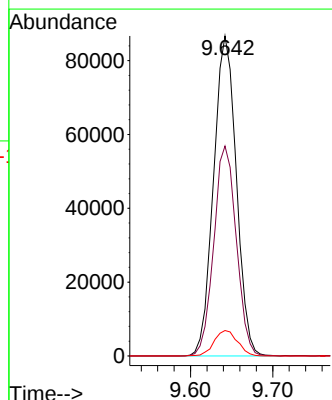
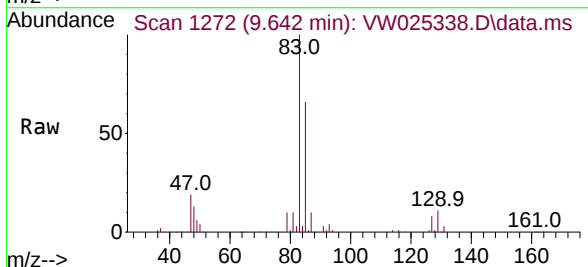
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

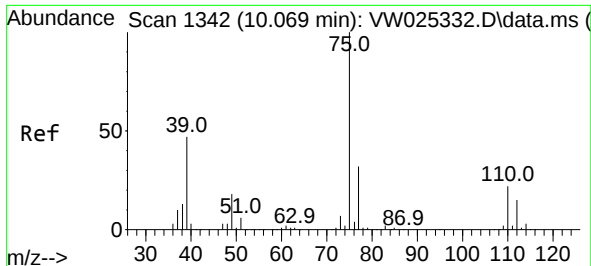
Tgt Ion: 63 Resp: 121643
 Ion Ratio Lower Upper
 63 100
 112 4.9 3.8 5.8



#38
 Bromodichloromethane
 Concen: 24.386 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

Tgt Ion: 83 Resp: 166802
 Ion Ratio Lower Upper
 83 100
 85 65.6 44.4 82.4
 127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 23.892 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

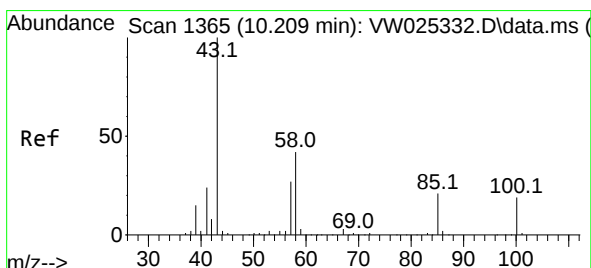
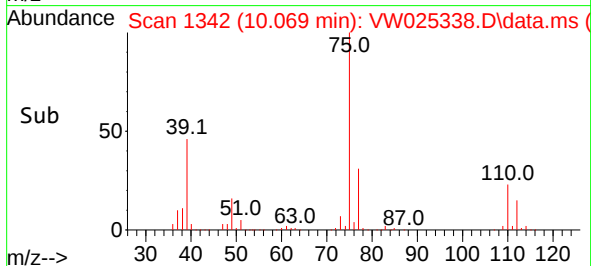
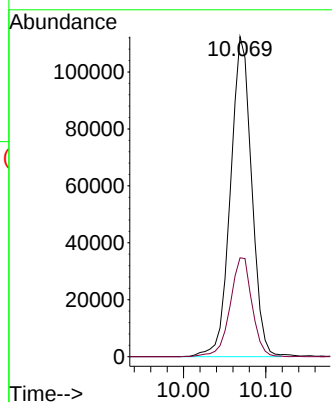
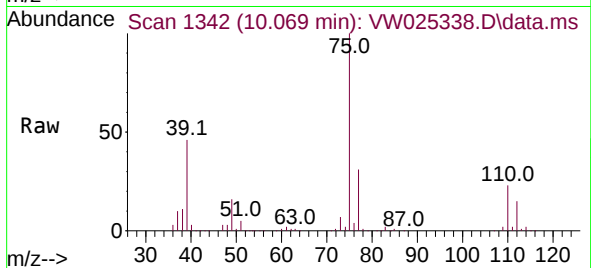
VSTD025539

Tgt Ion: 75 Resp: 201240

Ion Ratio Lower Upper

75 100

77 30.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 53.540 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

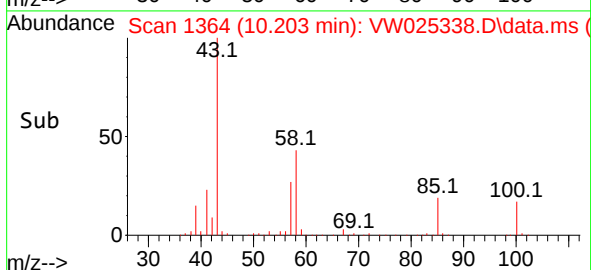
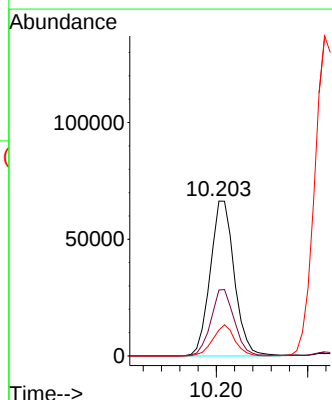
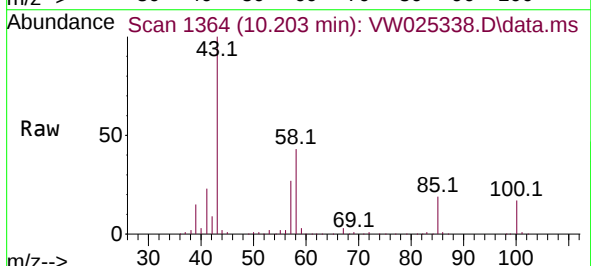
Tgt Ion: 43 Resp: 121608

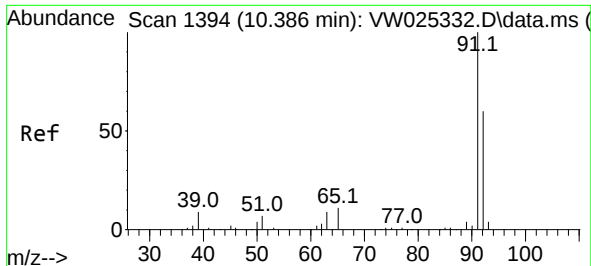
Ion Ratio Lower Upper

43 100

58 41.9 34.1 51.1

100 18.3 14.5 21.7

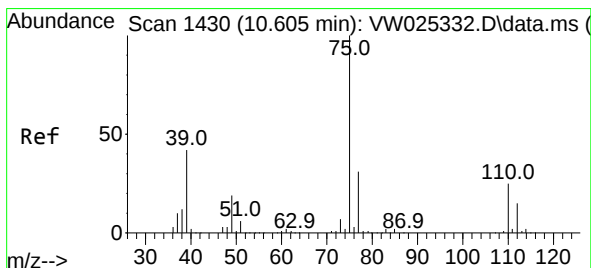
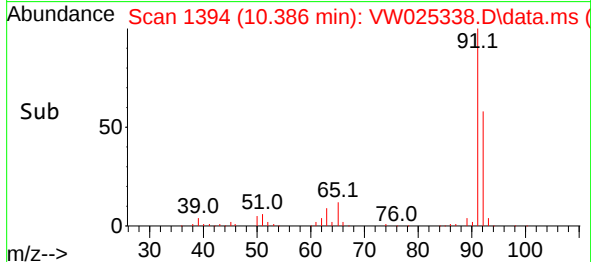
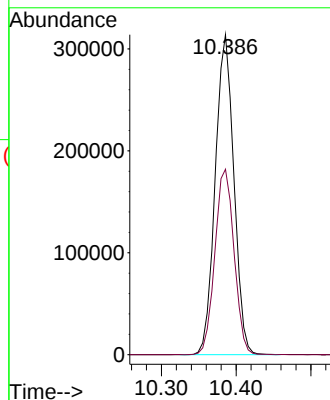
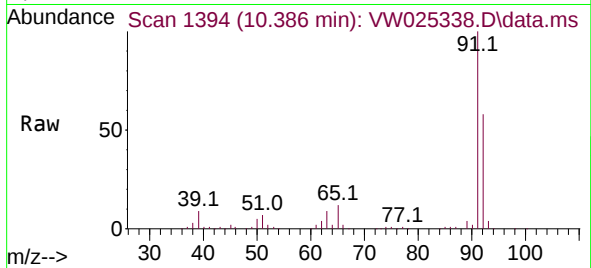




#42
Toluene
Concen: 26.197 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

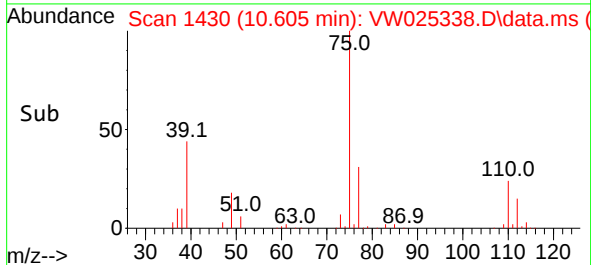
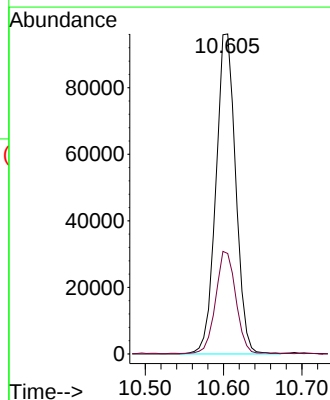
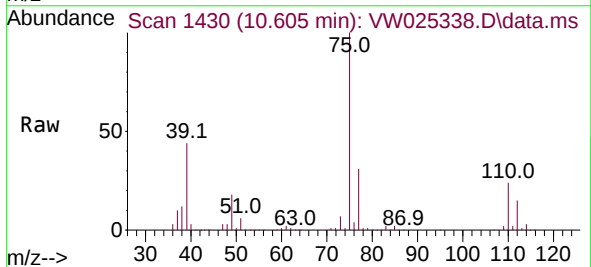
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

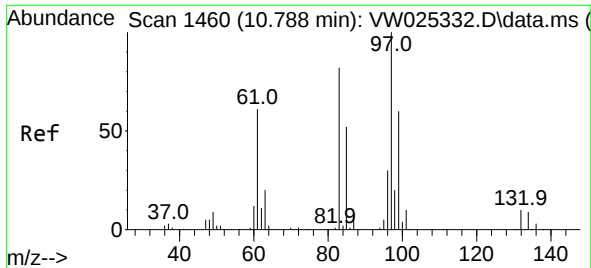
Tgt Ion: 91 Resp: 543360
Ion Ratio Lower Upper
91 100
92 57.9 41.9 77.7



#44
trans-1,3-Dichloropropene
Concen: 28.131 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 75 Resp: 168897
Ion Ratio Lower Upper
75 100
77 31.4 21.7 40.3



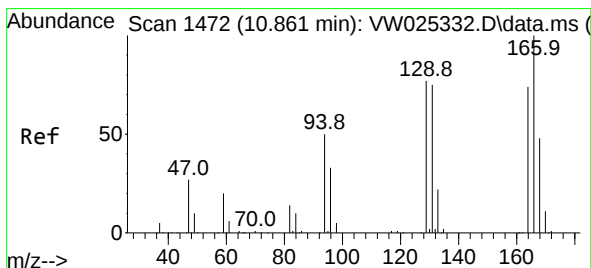
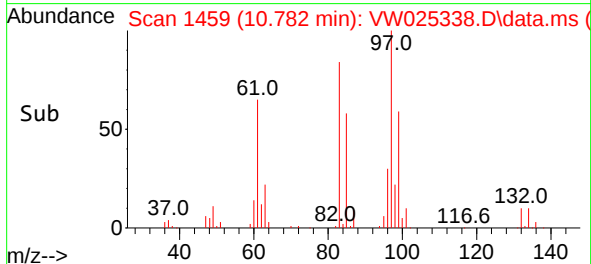
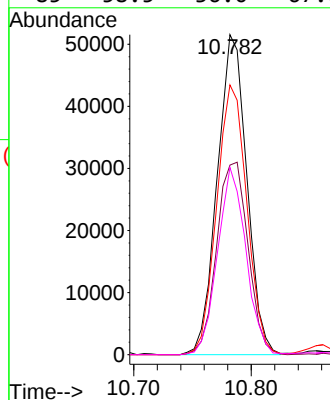
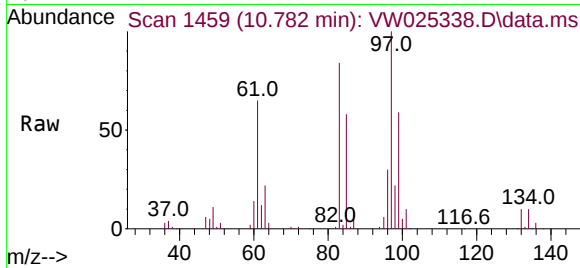


#45
1,1,2-Trichloroethane
Concen: 27.809 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

Tgt Ion: 97 Resp: 90160

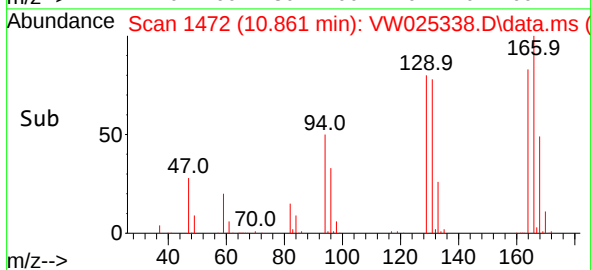
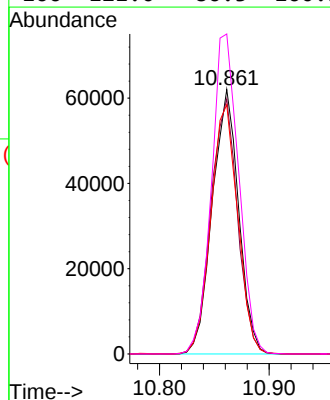
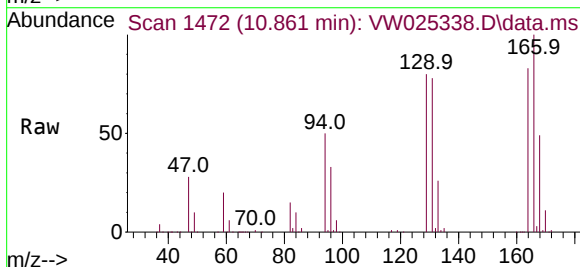
Ion	Ratio	Lower	Upper
97	100		
99	59.2	41.4	76.8
83	84.3	54.0	100.4
85	58.5	36.0	67.0

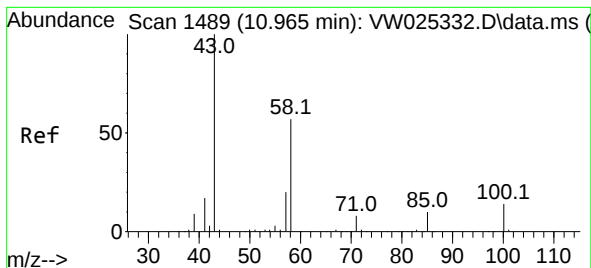


#46
Tetrachloroethene
Concen: 27.694 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 164 Resp: 103399

Ion	Ratio	Lower	Upper
164	100		
129	96.4	74.1	137.5
131	94.2	72.3	134.3
166	121.0	86.3	160.3





#48

2-Hexanone

Concen: 64.659 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

Tgt Ion: 43 Resp: 92715

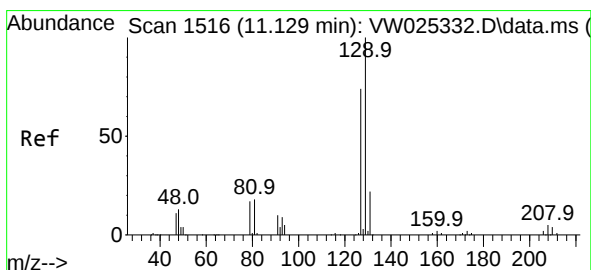
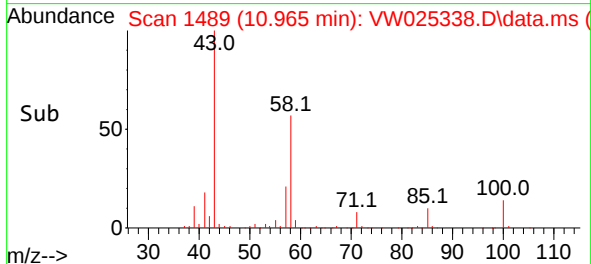
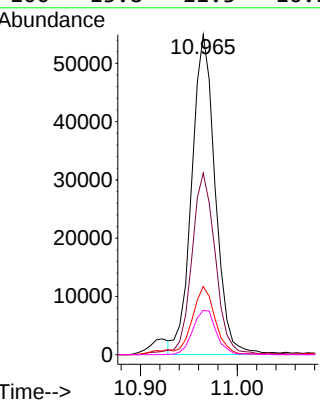
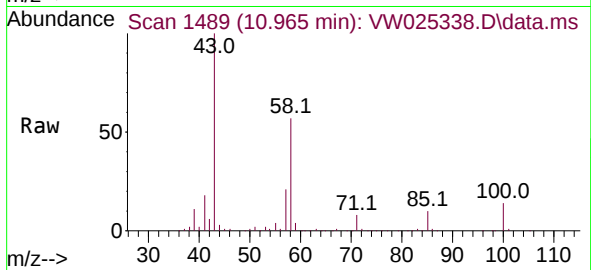
Ion Ratio Lower Upper

43 100

58 57.4 46.3 69.5

57 20.8 16.5 24.7

100 13.8 11.3 16.9



#49

Dibromochloromethane

Concen: 28.235 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW025338.D

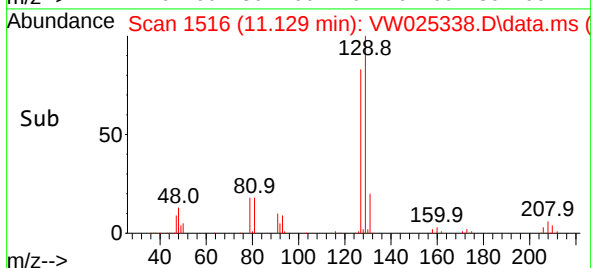
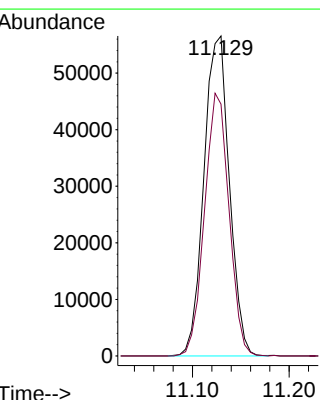
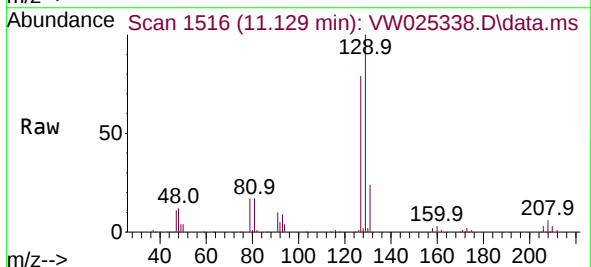
Acq: 15 Feb 2023 14:46

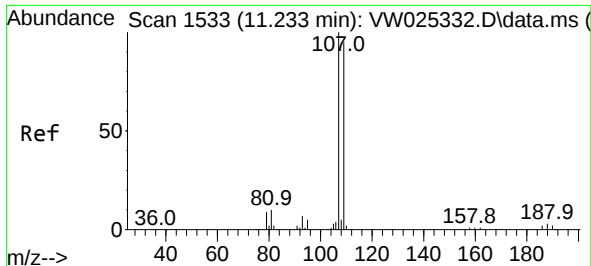
Tgt Ion:129 Resp: 103392

Ion Ratio Lower Upper

129 100

127 78.7 54.8 101.8





#50

1,2-Dibromoethane

Concen: 29.180 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

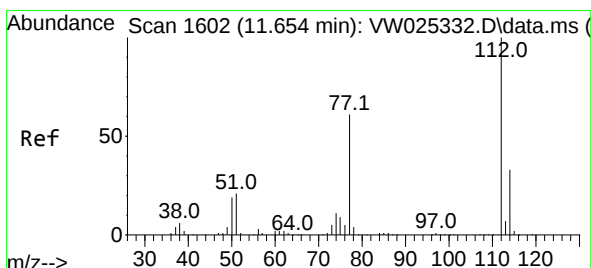
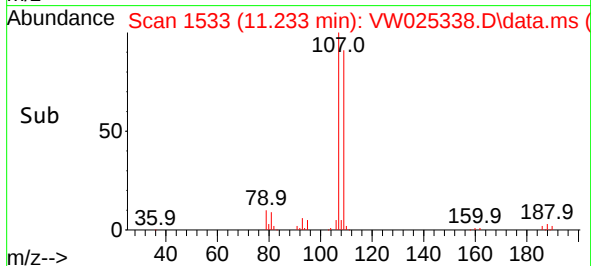
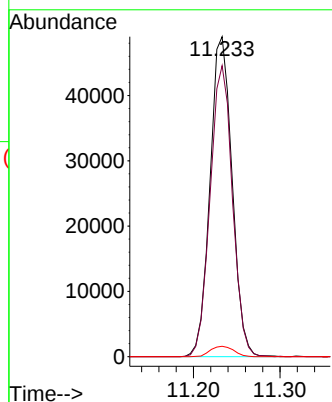
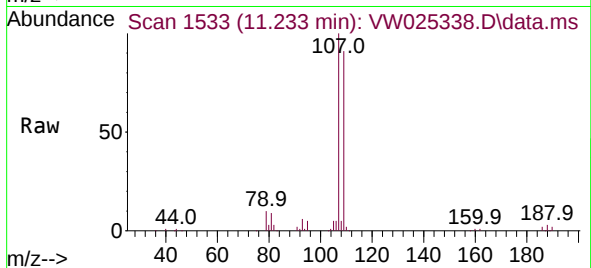
Tgt Ion:107 Resp: 86661

Ion Ratio Lower Upper

107 100

109 91.0 65.0 120.6

188 3.2 2.3 3.5



#51

Chlorobenzene

Concen: 25.231 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

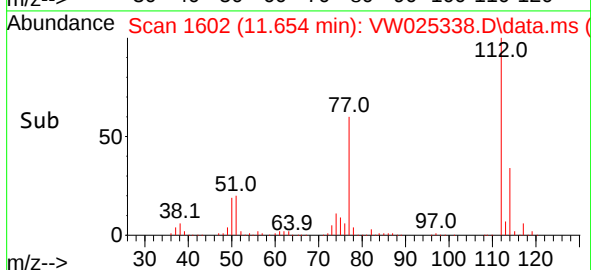
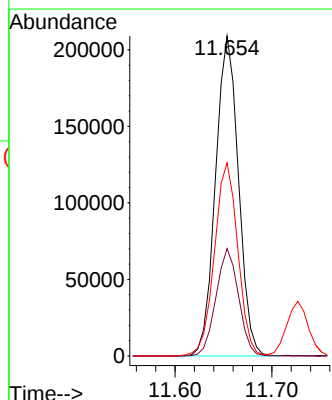
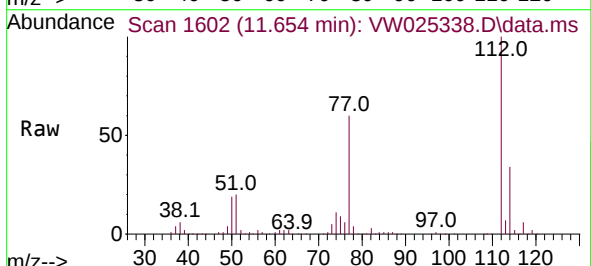
Tgt Ion:112 Resp: 344400

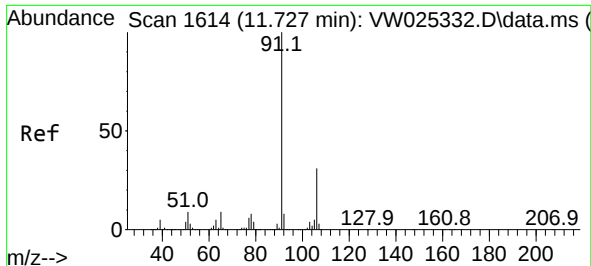
Ion Ratio Lower Upper

112 100

114 33.5 21.7 40.3

77 60.4 46.2 69.4





#52

Ethylbenzene

Concen: 25.588 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

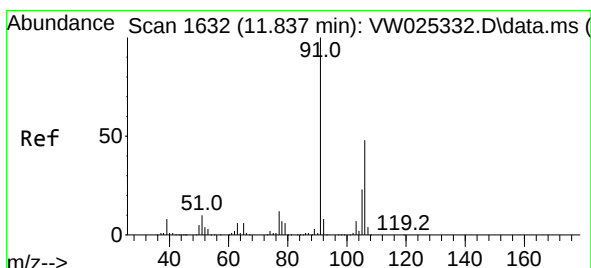
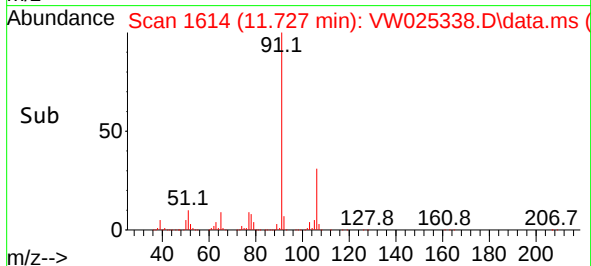
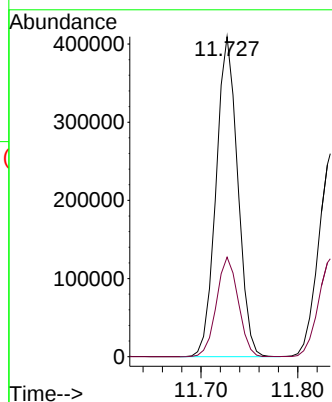
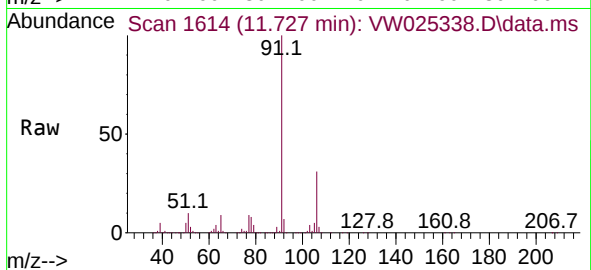
VSTD025539

Tgt Ion: 91 Resp: 635899

Ion Ratio Lower Upper

91 100

106 31.1 21.1 39.1



#53

m,p-Xylene

Concen: 25.926 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW025338.D

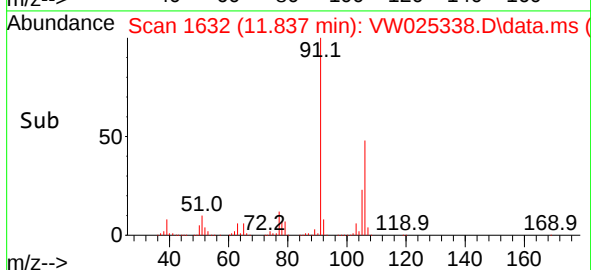
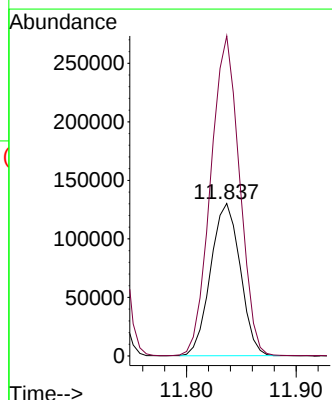
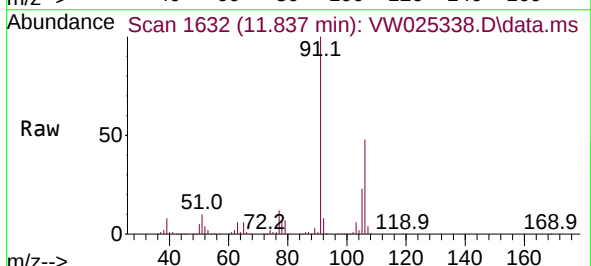
Acq: 15 Feb 2023 14:46

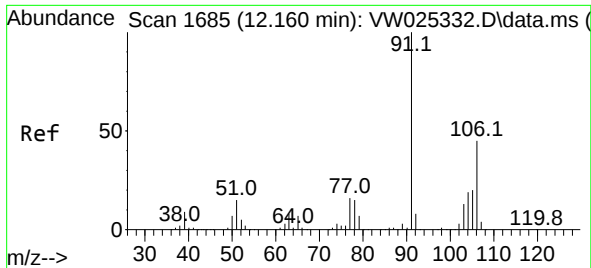
Tgt Ion:106 Resp: 244180

Ion Ratio Lower Upper

106 100

91 209.9 143.4 266.4

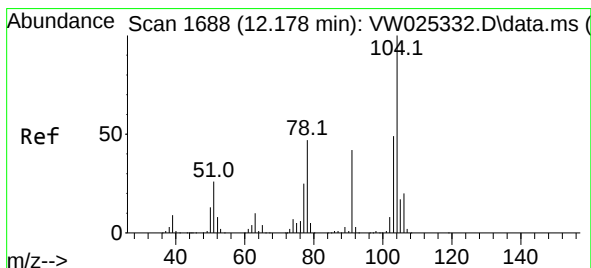
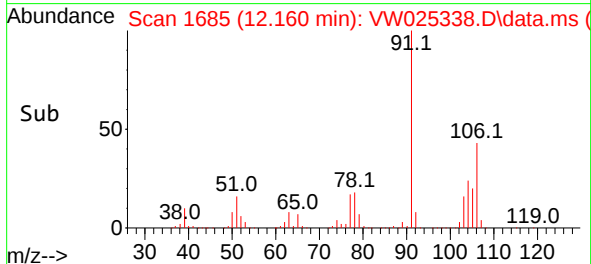
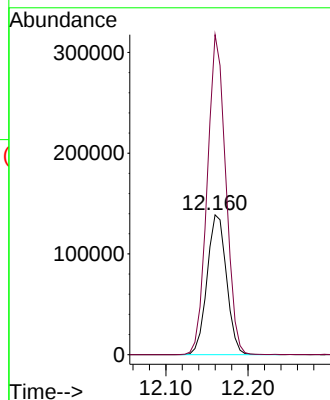
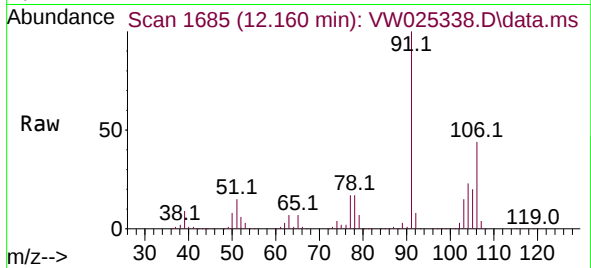




#54
o-Xylene
Concen: 24.041 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

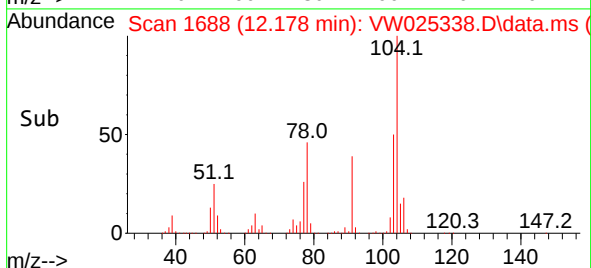
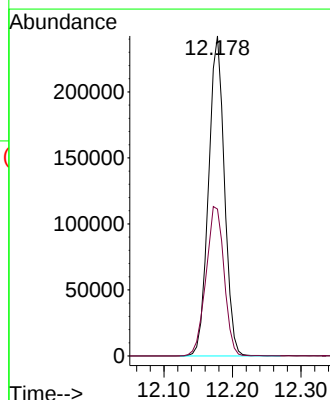
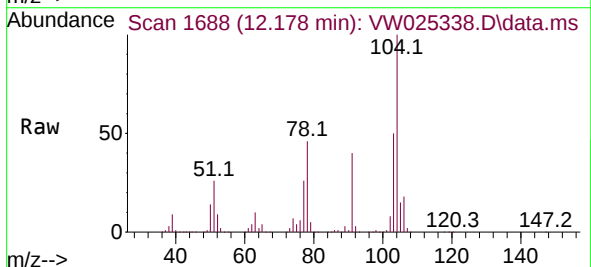
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

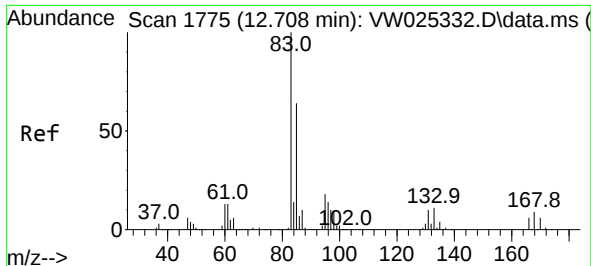
Tgt Ion:106 Resp: 227944
Ion Ratio Lower Upper
106 100
91 228.7 157.6 292.8



#55
Styrene
Concen: 24.387 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion:104 Resp: 391495
Ion Ratio Lower Upper
104 100
78 45.9 32.8 60.8





#57

1,1,2,2-Tetrachloroethane

Concen: 26.672 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

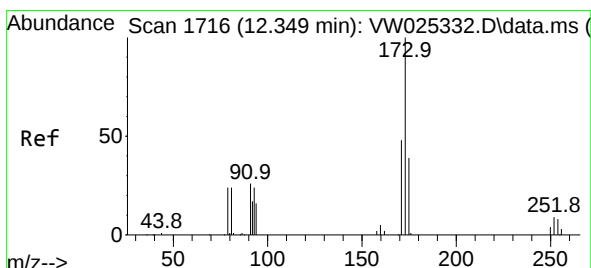
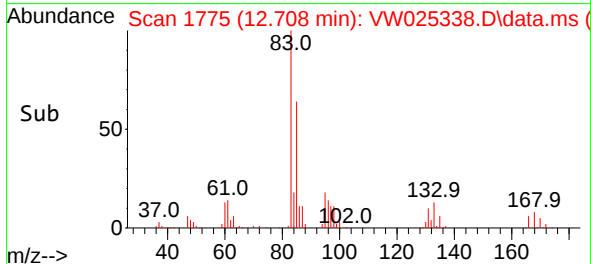
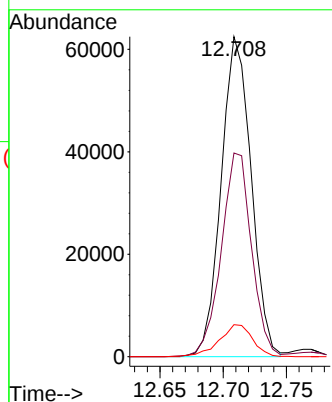
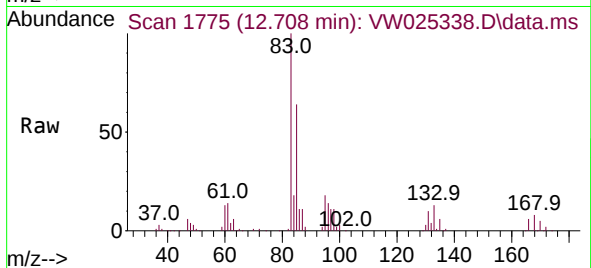
Tgt Ion: 83 Resp: 103035

Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

131 10.0 7.8 11.6



#59

Bromoform

Concen: 25.611 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

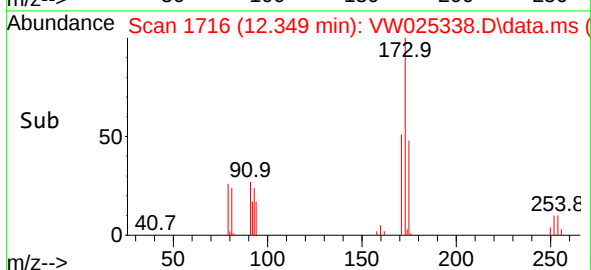
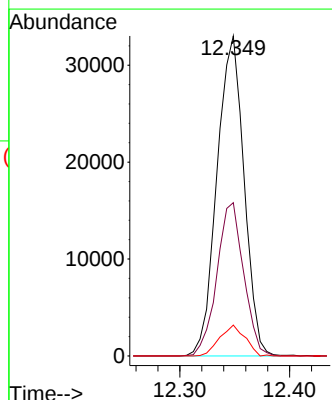
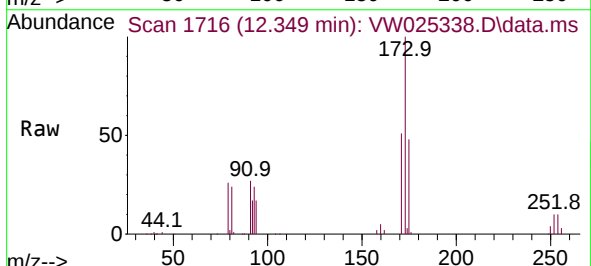
Tgt Ion:173 Resp: 56542

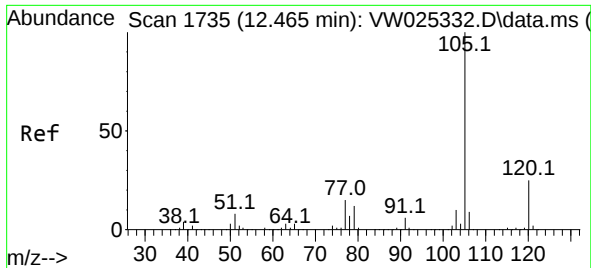
Ion Ratio Lower Upper

173 100

175 47.5 38.6 58.0

254 9.0 7.0 10.4

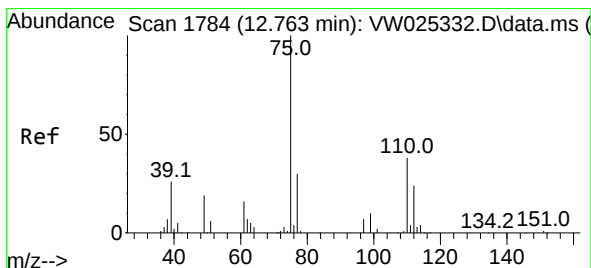
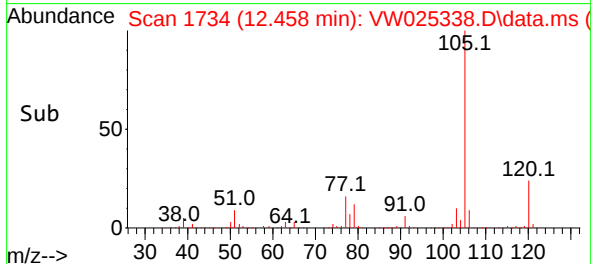
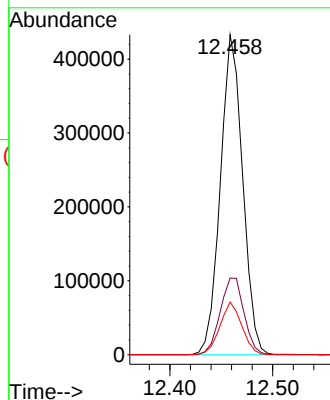
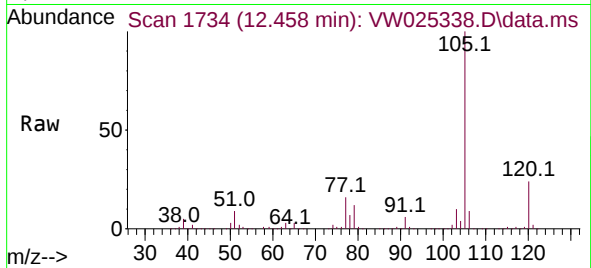




#60
Isopropylbenzene
Concen: 24.735 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

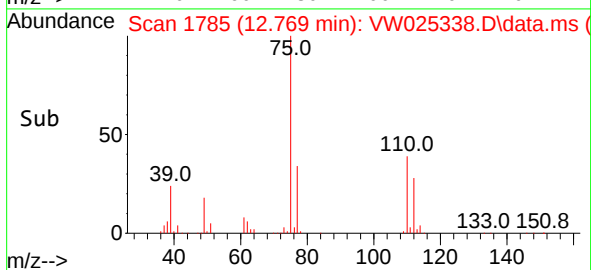
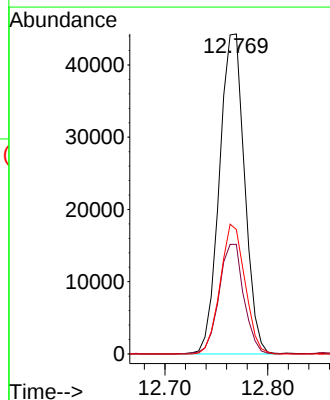
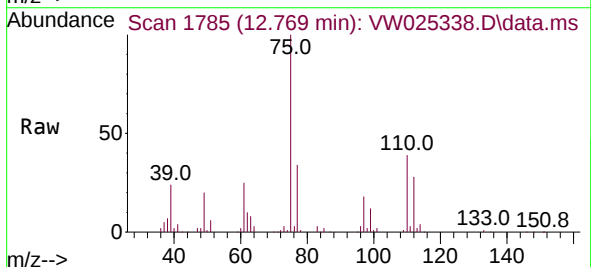
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

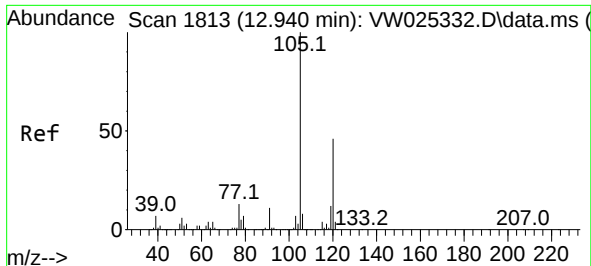
Tgt Ion:105 Resp: 651828
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 16.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 27.239 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion: 75 Resp: 75361
Ion Ratio Lower Upper
75 100
77 33.8 26.7 40.1
110 39.9 33.2 49.8

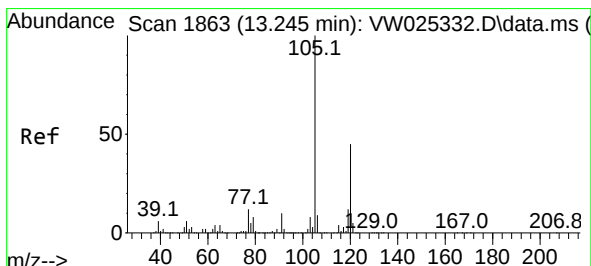
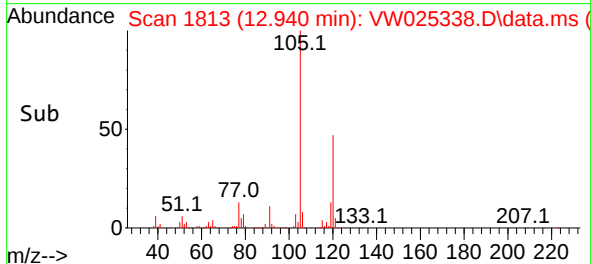
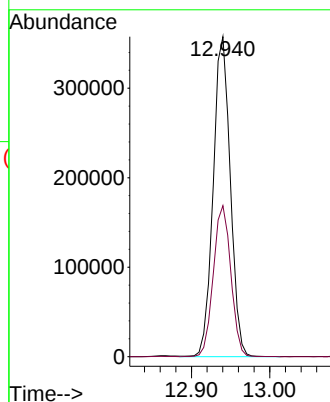
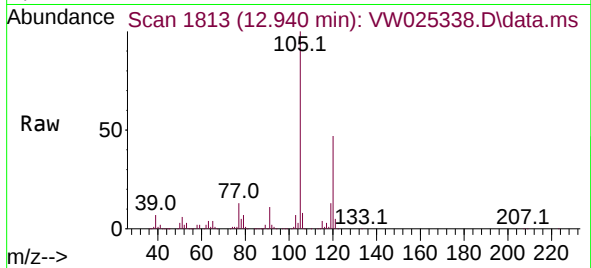




#62
 1,3,5-Trimethylbenzene
 Concen: 25.540 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

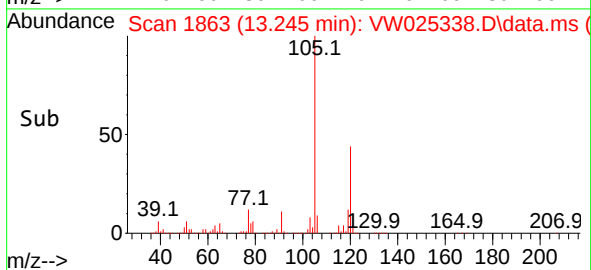
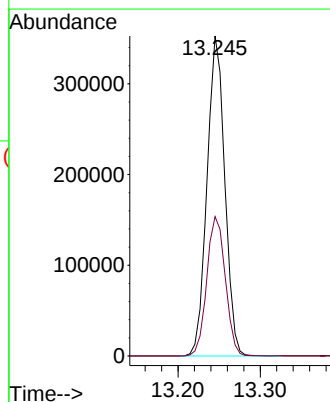
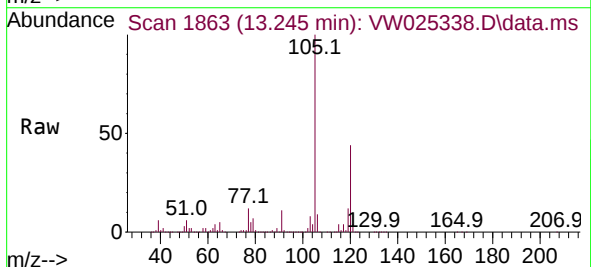
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

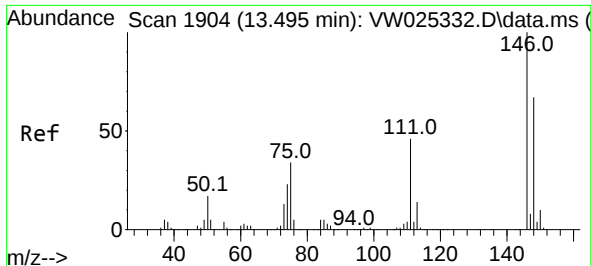
Tgt Ion:105 Resp: 542592
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.0 55.4



#63
 1,2,4-Trimethylbenzene
 Concen: 24.874 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

Tgt Ion:105 Resp: 529513
 Ion Ratio Lower Upper
 105 100
 120 45.2 35.0 52.4

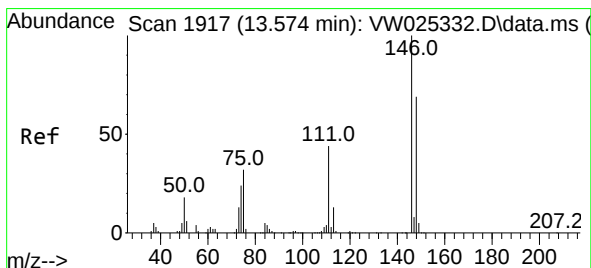
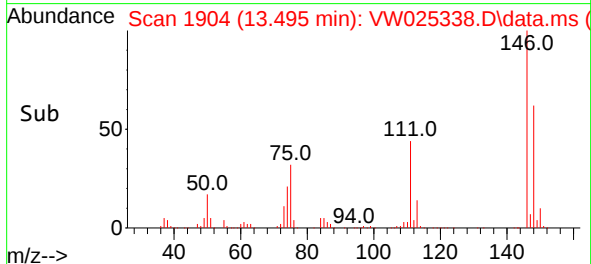
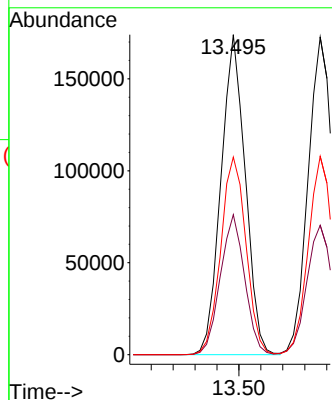
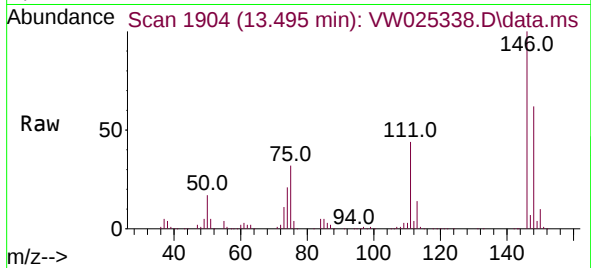




#64
1,3-Dichlorobenzene
Concen: 24.534 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

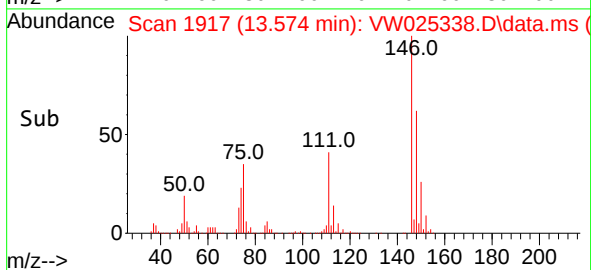
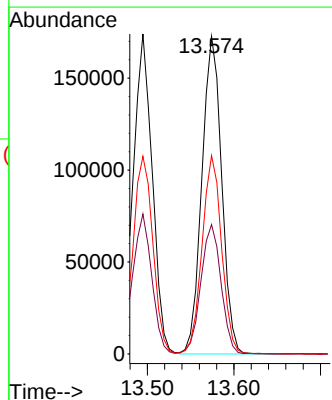
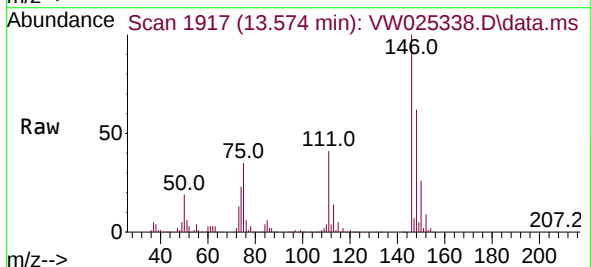
Instrument :
MSVOA_W
ClientSampleId :
VSTD025539

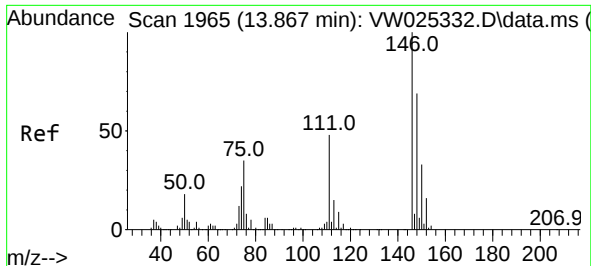
Tgt Ion:146 Resp: 267869
Ion Ratio Lower Upper
146 100
111 43.7 29.0 53.8
148 61.7 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 25.434 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025338.D
Acq: 15 Feb 2023 14:46

Tgt Ion:146 Resp: 274030
Ion Ratio Lower Upper
146 100
111 40.8 29.3 54.3
148 62.5 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 25.175 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

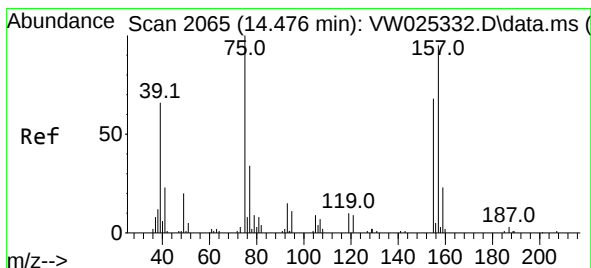
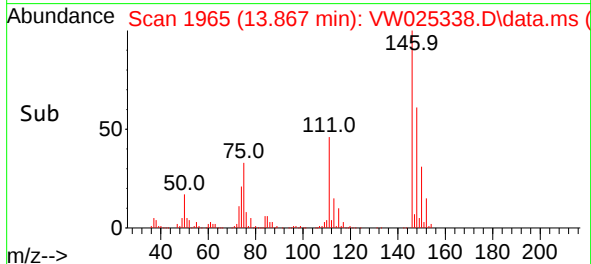
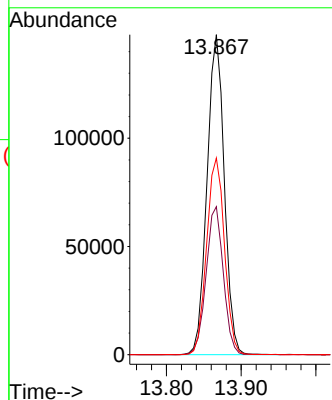
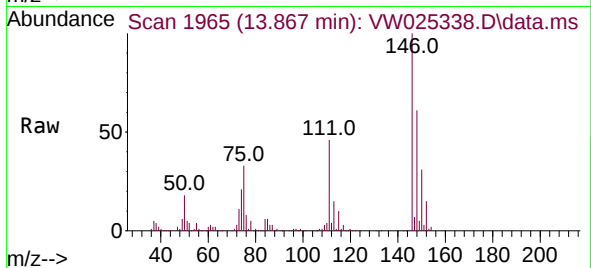
Tgt Ion:146 Resp: 236871

Ion Ratio Lower Upper

146 100

111 46.3 36.2 54.2

148 61.4 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 27.828 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

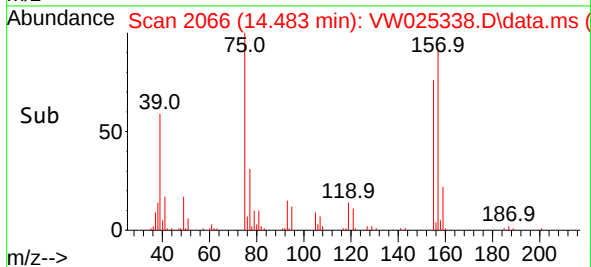
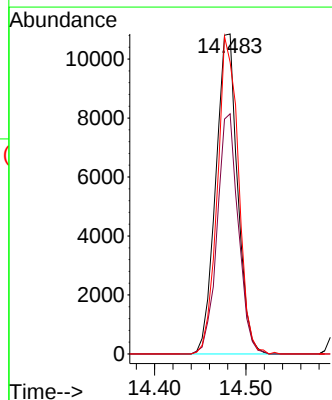
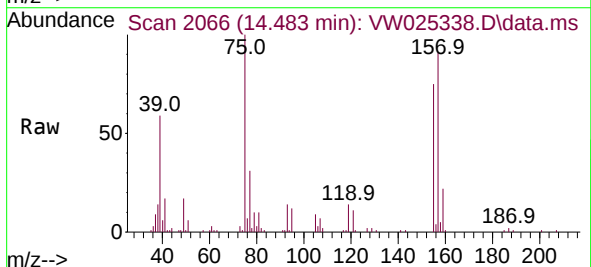
Tgt Ion: 75 Resp: 17982

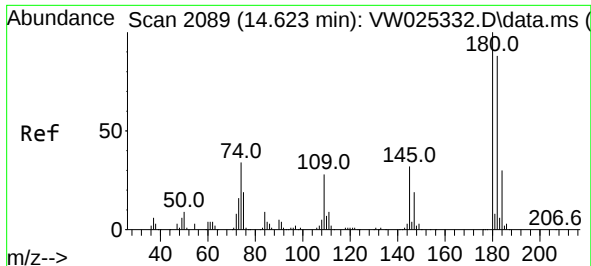
Ion Ratio Lower Upper

75 100

155 75.1 63.4 95.2

157 91.2 82.5 123.7

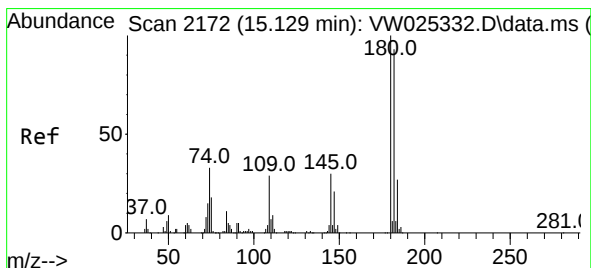
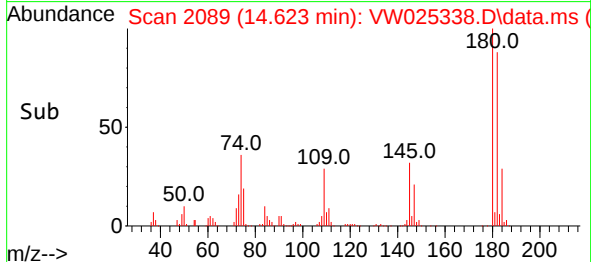
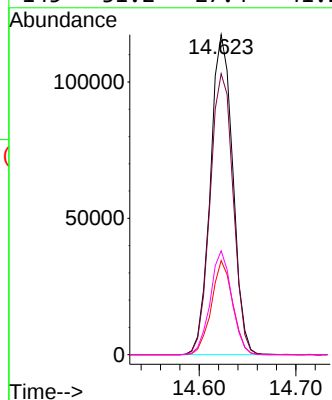
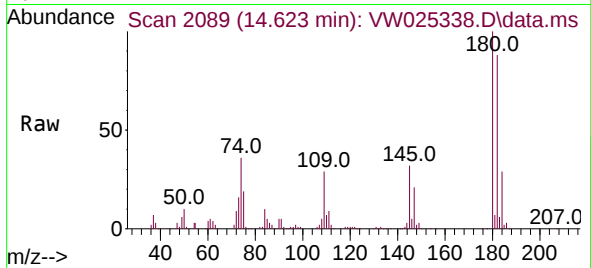




#69
 1,3,5-Trichlorobenzene
 Concen: 26.603 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

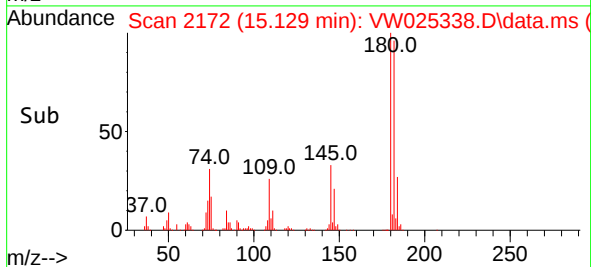
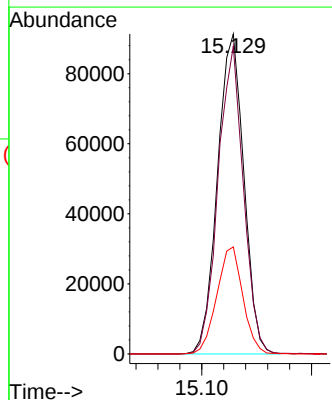
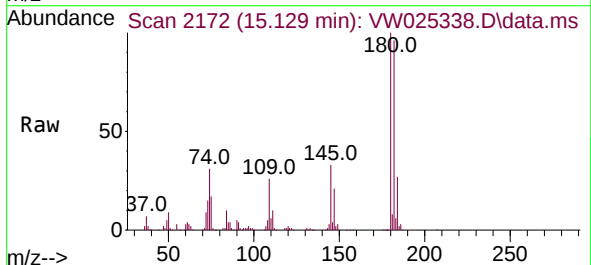
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025539

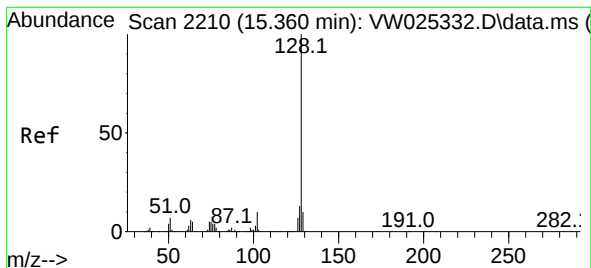
Tgt Ion:180	Resp:	188890
Ion Ratio	Lower	Upper
180	100	
182	90.3	77.7 116.5
184	28.0	24.4 36.6
145	31.2	27.4 41.2



#70
 1,2,4-trichlorobenzene
 Concen: 26.402 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. -0.000 min
 Lab File: VW025338.D
 Acq: 15 Feb 2023 14:46

Tgt Ion:180	Resp:	152640
Ion Ratio	Lower	Upper
180	100	
182	92.3	76.4 114.6
145	33.0	27.4 41.2





#71

Naphthalene

Concen: 27.129 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Instrument :

MSVOA_W

ClientSampleId :

VSTD025539

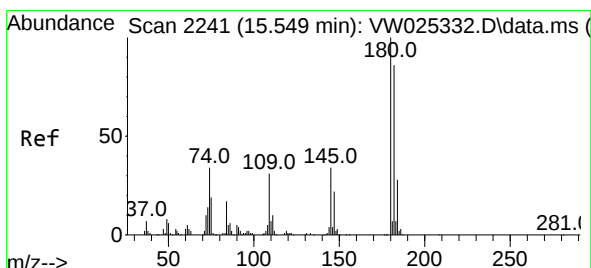
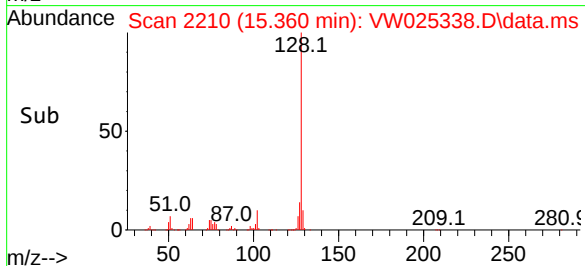
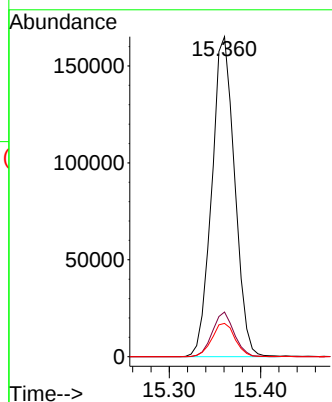
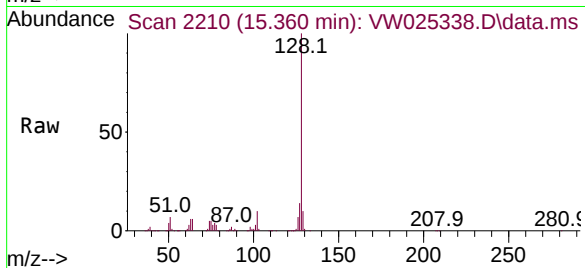
Tgt Ion:128 Resp: 286716

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.293 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW025338.D

Acq: 15 Feb 2023 14:46

Tgt Ion:180 Resp: 130522

Ion Ratio Lower Upper

180 100

182 92.0 75.1 112.7

145 34.5 28.8 43.2

