

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041123\
 Data File : VX034998.D
 Acq On : 11 Apr 2023 09:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050624

Quant Time: Apr 12 01:51:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:31:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	536001	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	472246	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	241112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	146966	41.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.340%		
7) Chloroethane-d5	1.672	69	115080	44.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.020%		
11) 1,1-Dichloroethene-d2	2.306	63	309824	42.812	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.620%		
21) 2-Butanone-d5	4.458	46	215628	90.875	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.880%		
24) Chloroform-d	5.050	84	305013	44.833	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.660%		
26) 1,2-Dichloroethane-d4	5.946	65	202780	43.420	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.840%		
32) Benzene-d6	5.970	84	578301	43.867	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.740%		
36) 1,2-Dichloropropane-d6	7.305	67	180289	44.456	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.920%		
41) Toluene-d8	8.647	98	531555	44.022	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.040%		
43) trans-1,3-Dichloroprop...	8.945	79	84114	45.166	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.340%		
47) 2-Hexanone-d5	9.384	63	151195	93.278	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.280%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	229958	45.628	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.260%		
66) 1,2-Dichlorobenzene-d4	12.317	152	197643	44.672	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	212665	45.685	ug/L	99
3) Chloromethane	1.294	50	193167	44.148	ug/L	99
5) Vinyl chloride	1.374	62	197939	44.635	ug/L	98
6) Bromomethane	1.617	94	116834	46.624	ug/L	98
8) Chloroethane	1.691	64	114379	45.833	ug/L	98
9) Trichlorofluoromethane	1.886	101	277075	44.908	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	180343	47.103	ug/L	99
12) 1,1-Dichloroethene	2.319	96	155164	45.537	ug/L	90
13) Acetone	2.392	43	220925	94.165	ug/L	100
14) Carbon disulfide	2.514	76	405462	44.260	ug/L	100
15) Methyl Acetate	2.703	43	178045	44.216	ug/L	100
16) Methylene chloride	2.788	84	170481	45.600	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	156675	44.710	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	559117	45.646	ug/L	100
19) 1,1-Dichloroethane	3.605	63	318005	45.571	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	182380	45.494	ug/L	100
22) 2-Butanone	4.562	43	276173	92.151	ug/L	97
23) Bromochloromethane	4.891	128	90560	45.668	ug/L	95
25) Chloroform	5.086	83	330339	46.158	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041123\
 Data File : VX034998.D
 Acq On : 11 Apr 2023 09:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

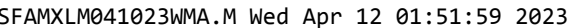
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050624

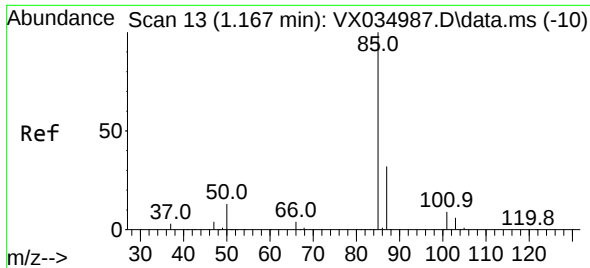
Quant Time: Apr 12 01:51:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:31:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	277291	45.751	ug/L	99
29) Cyclohexane	5.464	56	299813	46.169	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	285509	45.720	ug/L	99
31) Carbon tetrachloride	5.672	117	248951	46.249	ug/L	99
33) Benzene	6.031	78	689489	45.782	ug/L	100
34) Trichloroethene	7.116	95	186405	45.907	ug/L	98
35) Methylcyclohexane	7.372	83	278360	47.552	ug/L	99
37) 1,2-Dichloropropane	7.427	63	186347	46.696	ug/L	100
38) Bromodichloromethane	7.818	83	233141	46.174	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	288348	47.278	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	490163	92.436	ug/L	100
42) Toluene	8.714	91	725770	46.530	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	262343	46.723	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	169816	45.633	ug/L	99
46) Tetrachloroethene	9.268	164	141469	46.767	ug/L	97
48) 2-Hexanone	9.427	43	396792	95.463	ug/L	99
49) Dibromochloromethane	9.518	129	173863	47.499	ug/L	98
50) 1,2-Dibromoethane	9.604	107	181082	46.369	ug/L	99
51) Chlorobenzene	10.073	112	468331	46.583	ug/L	98
52) Ethylbenzene	10.189	91	832108	47.008	ug/L	100
53) m,p-Xylene	10.299	106	316682	47.482	ug/L	100
54) o-Xylene	10.640	106	306481	46.639	ug/L	100
55) Styrene	10.652	104	526136	47.754	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	255577	46.253	ug/L	99
59) Bromoform	10.799	173	115542	44.947	ug/L	99
60) Isopropylbenzene	10.957	105	818934	46.509	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	205031	44.348	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	678723	46.490	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	678492	47.067	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	357586	45.588	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	361279	45.554	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	348805	45.139	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	55240	46.675	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	232329	47.351	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	216024	47.333	ug/L	97
71) Naphthalene	13.774	128	730716	46.854	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	211617	46.176	ug/L	100

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

Quant Time: Apr 12 01:51:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 11 05:31:31 2023
Response via : Initial Calibration

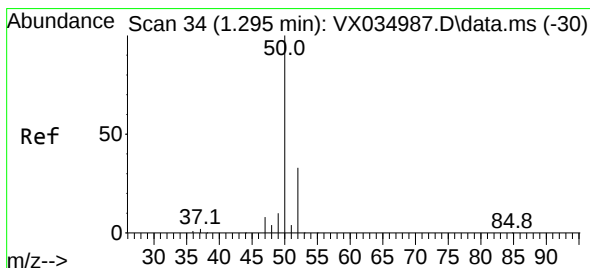
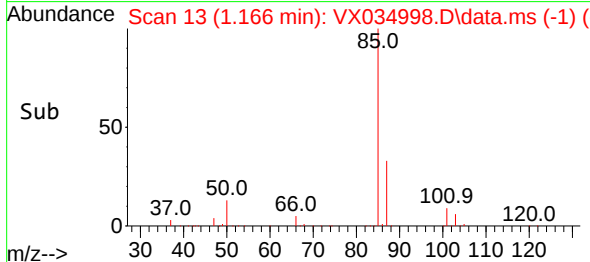
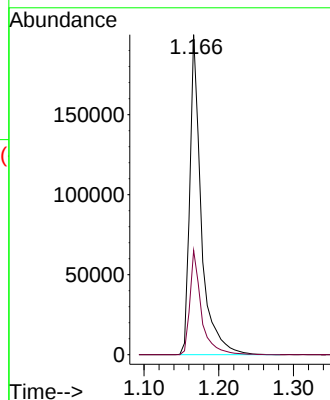
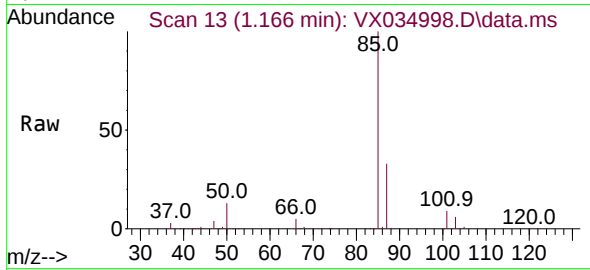




#2
 Dichlorodifluoromethane
 Concen: 45.685 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034998.D
 Acq: 11 Apr 2023 09:10

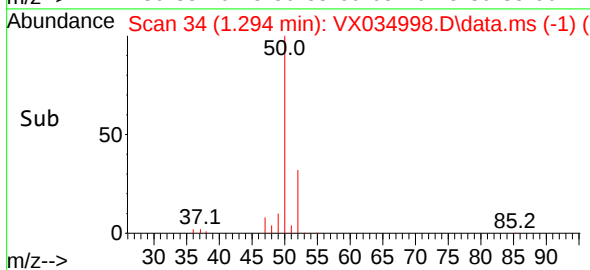
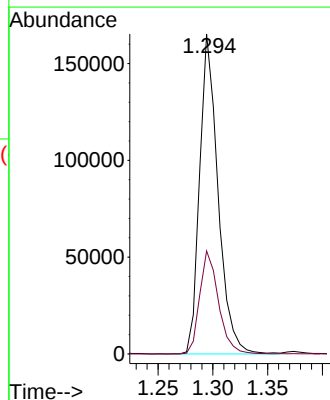
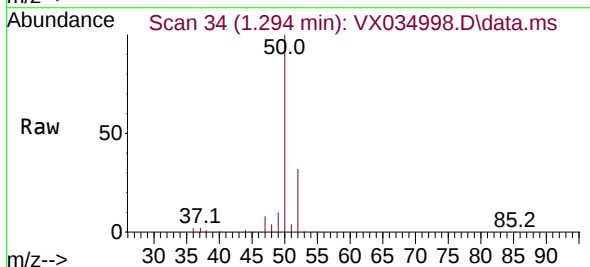
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050624

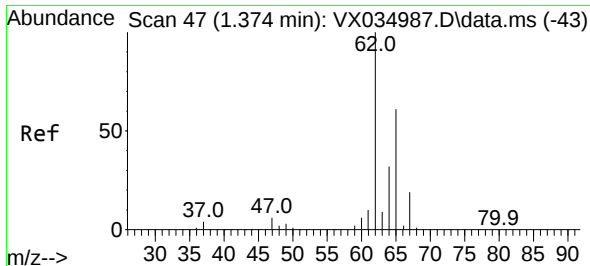
Tgt Ion: 85 Resp: 212665
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.7 38.5



#3
 Chloromethane
 Concen: 44.148 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX034998.D
 Acq: 11 Apr 2023 09:10

Tgt Ion: 50 Resp: 193167
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.9 42.5

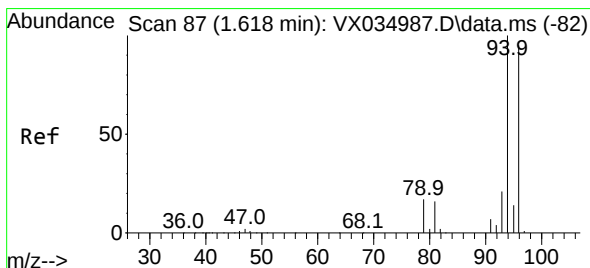
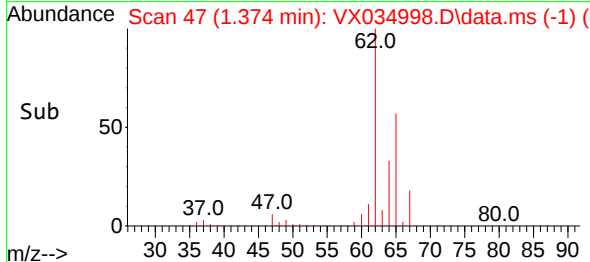
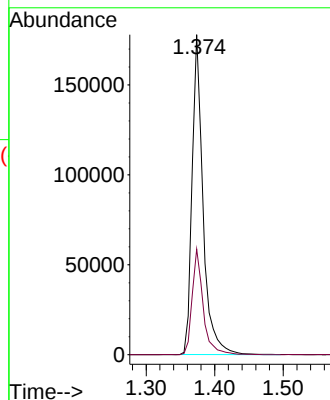
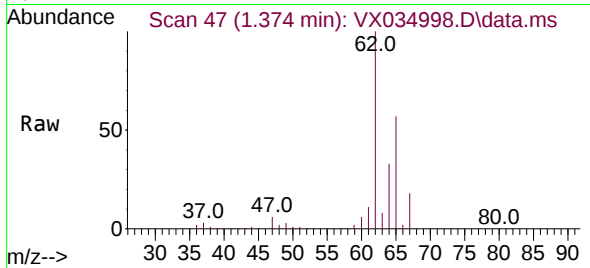




#5
 Vinyl chloride
 Concen: 44.635 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034998.D
 Acq: 11 Apr 2023 09:10

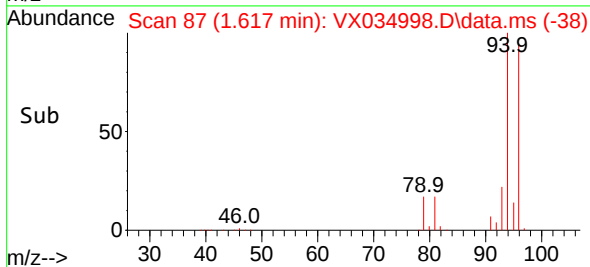
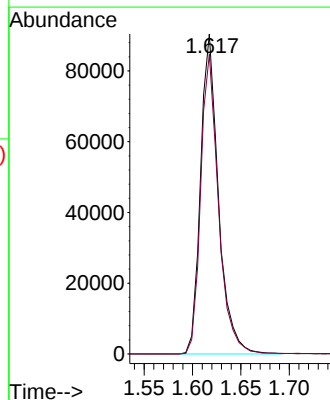
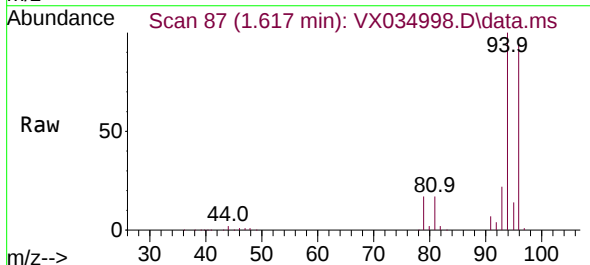
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050624

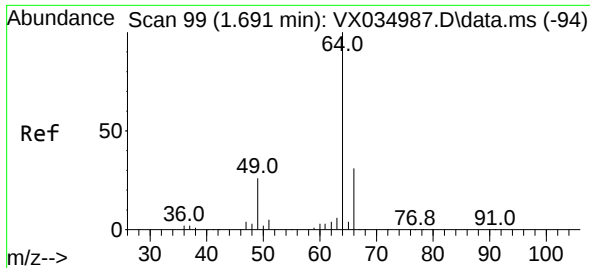
Tgt Ion: 62 Resp: 197939
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.3 41.3



#6
 Bromomethane
 Concen: 46.624 ug/L
 RT: 1.617 min Scan# 87
 Delta R.T. -0.000 min
 Lab File: VX034998.D
 Acq: 11 Apr 2023 09:10

Tgt Ion: 94 Resp: 116834
 Ion Ratio Lower Upper
 94 100
 96 93.6 66.6 123.6

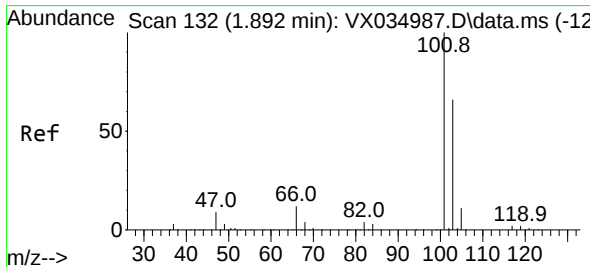
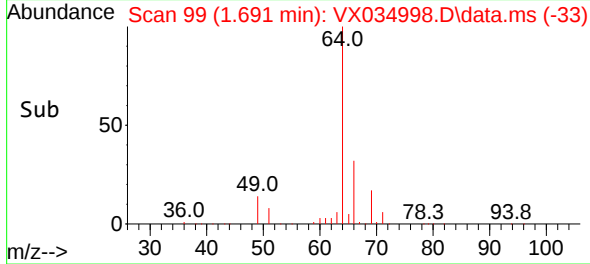
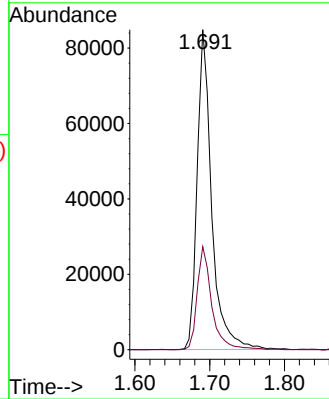
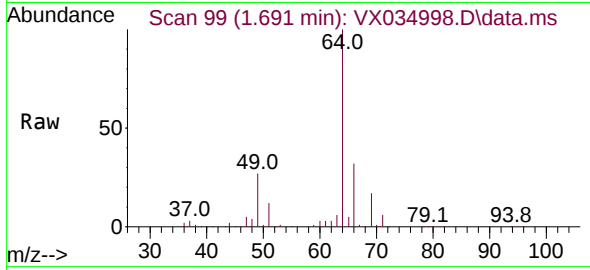




#8
 Chloroethane
 Concen: 45.833 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX034998.D
 Acq: 11 Apr 2023 09:10

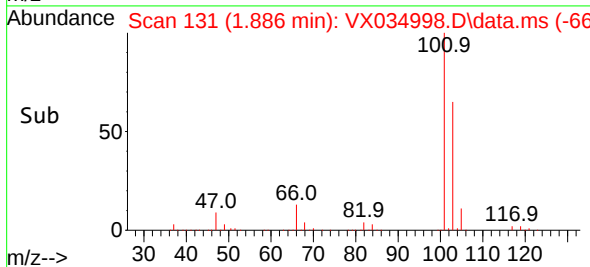
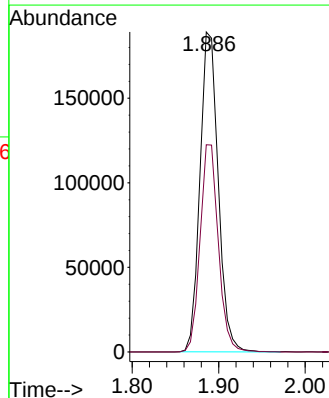
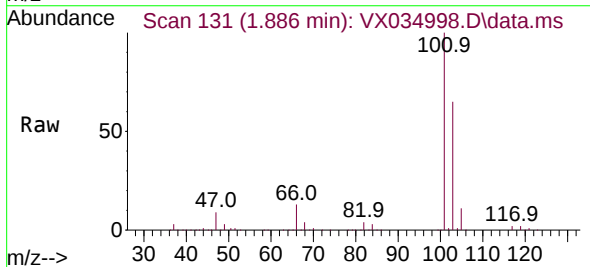
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050624

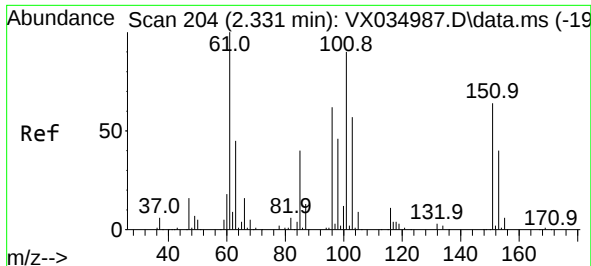
Tgt Ion: 64 Resp: 114379
 Ion Ratio Lower Upper
 64 100
 66 32.2 21.8 40.4



#9
 Trichlorofluoromethane
 Concen: 44.908 ug/L
 RT: 1.886 min Scan# 131
 Delta R.T. -0.006 min
 Lab File: VX034998.D
 Acq: 11 Apr 2023 09:10

Tgt Ion:101 Resp: 277075
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.9 77.9

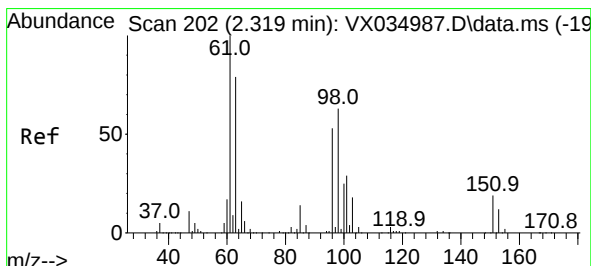
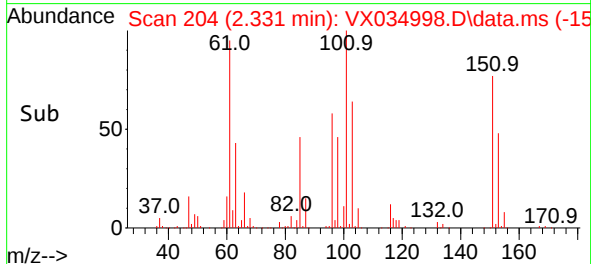
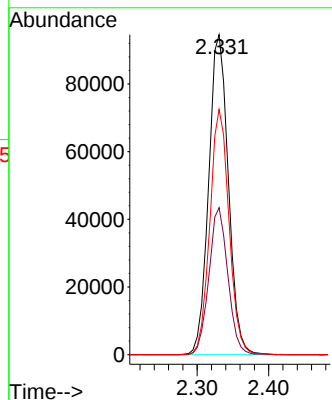
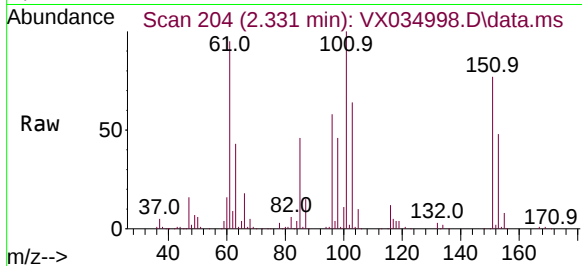




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 47.103 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

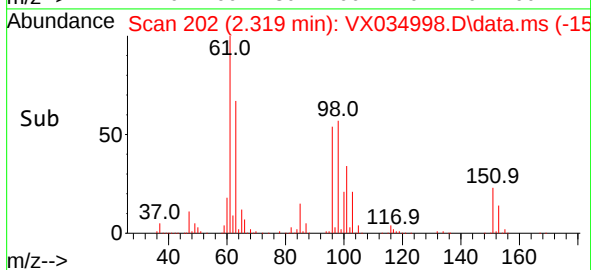
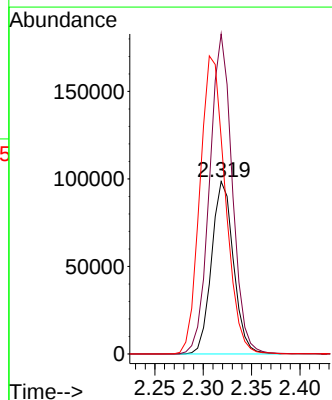
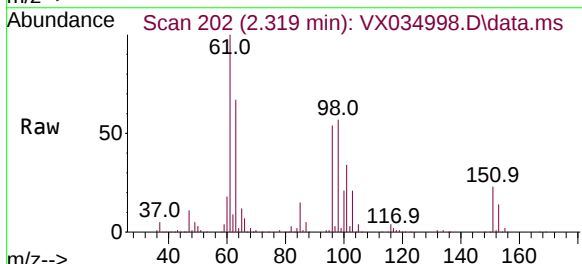
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

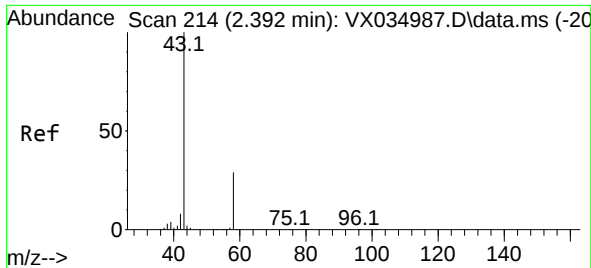
Tgt Ion:101 Resp: 180343
Ion Ratio Lower Upper
101 100
85 44.3 36.4 54.6
151 74.8 59.7 89.5



#12
1,1-Dichloroethene
Concen: 45.537 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion: 96 Resp: 155164
Ion Ratio Lower Upper
96 100
61 185.4 132.4 245.8
63 125.1 105.5 195.9





#13

Acetone

Concen: 94.165 ug/L

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

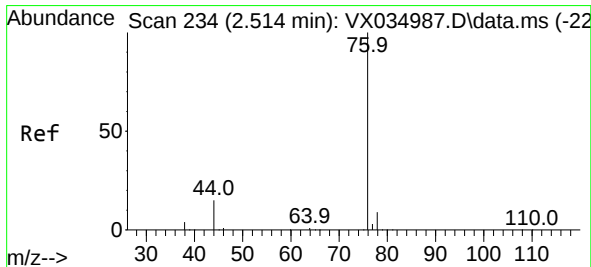
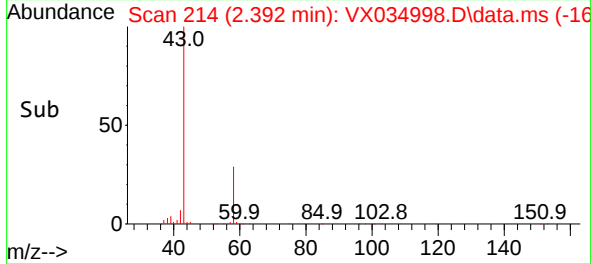
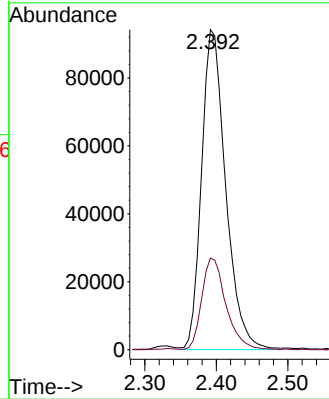
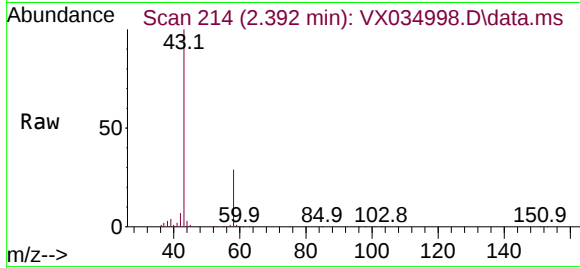
VSTD050624

Tgt Ion: 43 Resp: 220925

Ion Ratio Lower Upper

43 100

58 28.6 0.0 57.4



#14

Carbon disulfide

Concen: 44.260 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034998.D

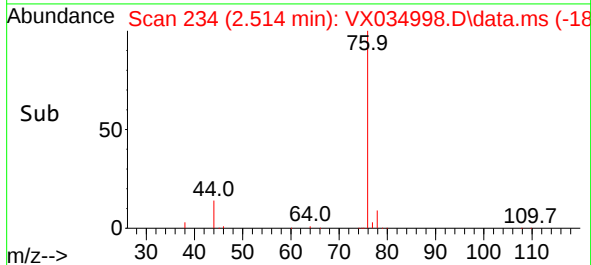
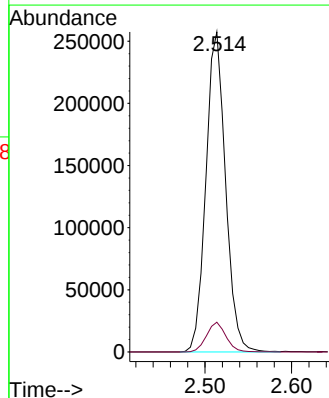
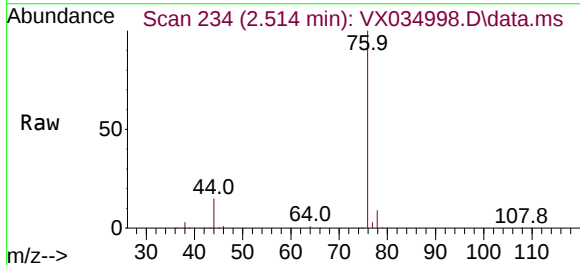
Acq: 11 Apr 2023 09:10

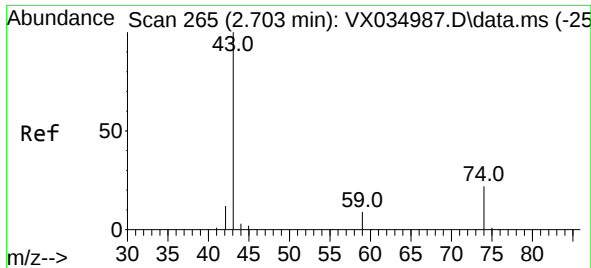
Tgt Ion: 76 Resp: 405462

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

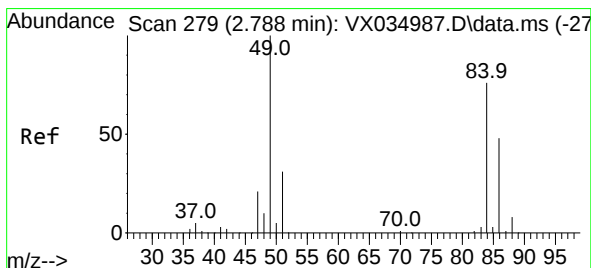
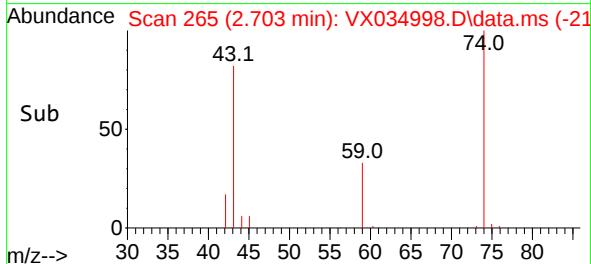
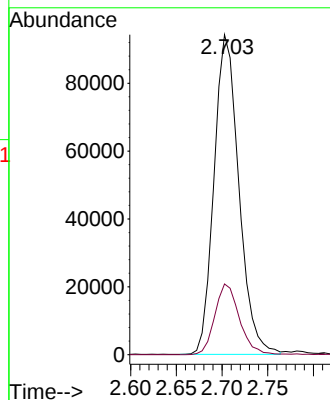
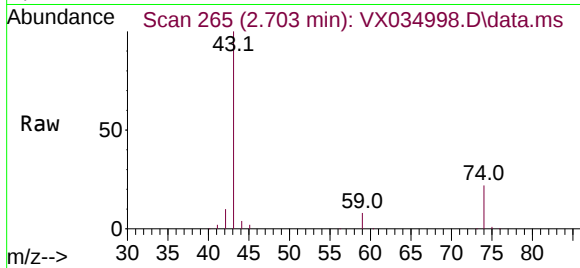




#15
Methyl Acetate
Concen: 44.216 ug/L
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

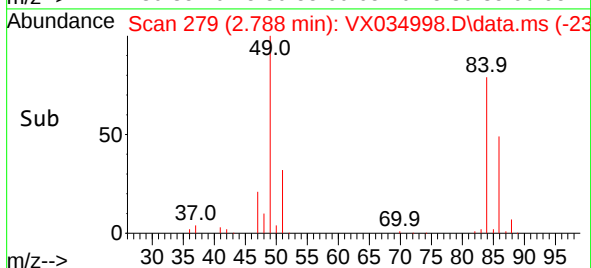
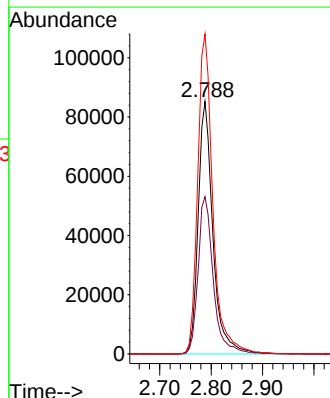
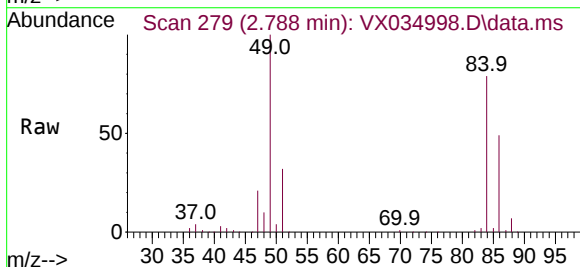
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

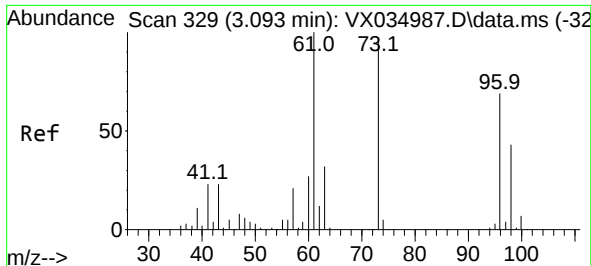
Tgt Ion: 43 Resp: 178045
Ion Ratio Lower Upper
43 100
74 21.9 17.5 26.3



#16
Methylene chloride
Concen: 45.600 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion: 84 Resp: 170481
Ion Ratio Lower Upper
84 100
86 62.3 44.7 82.9
49 126.7 92.3 171.5

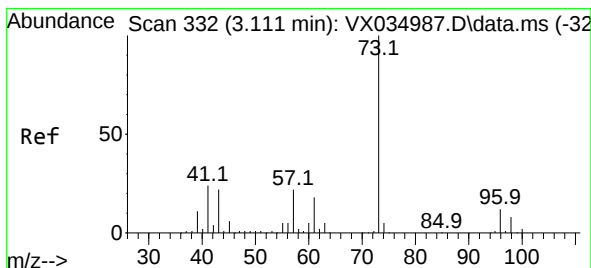
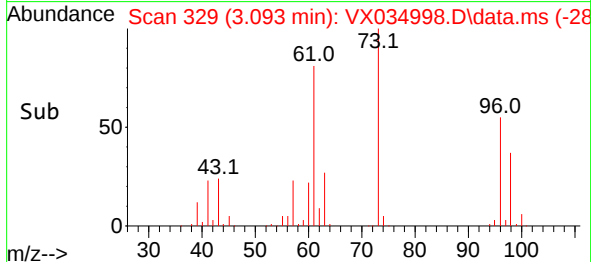
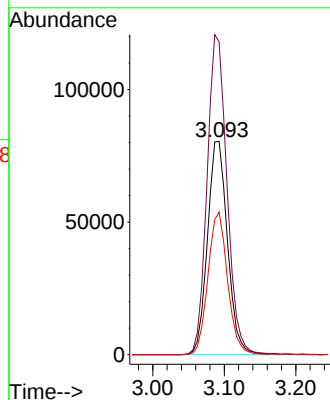
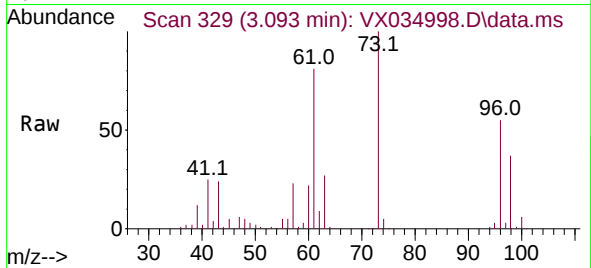




#17
trans-1,2-Dichloroethene
Concen: 44.710 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

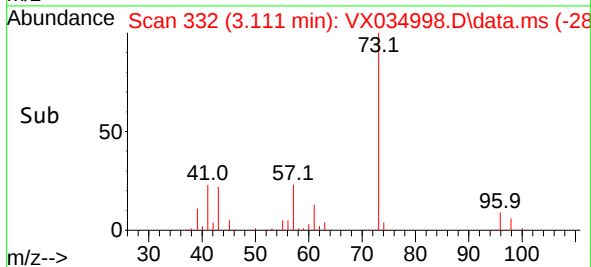
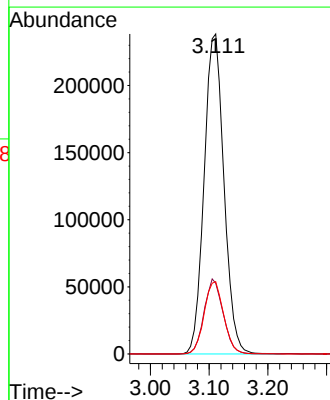
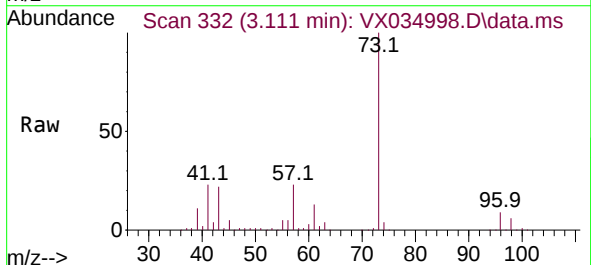
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

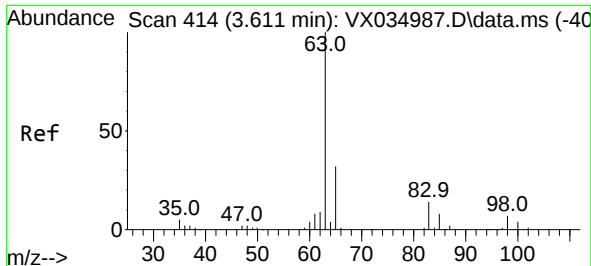
Tgt Ion: 96 Resp: 156675
Ion Ratio Lower Upper
96 100
61 146.8 102.0 189.4
98 66.8 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 45.646 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion: 73 Resp: 559117
Ion Ratio Lower Upper
73 100
43 22.5 18.2 27.2
57 22.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 45.571 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050624

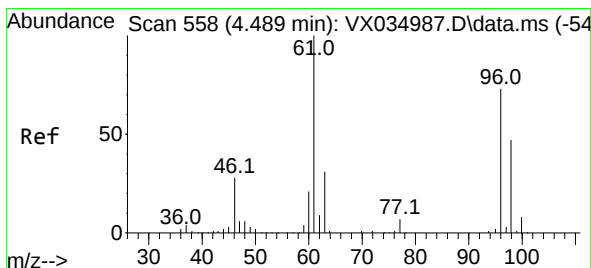
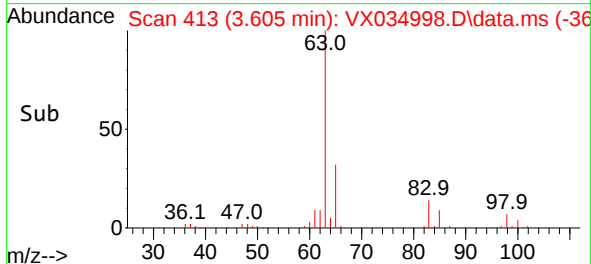
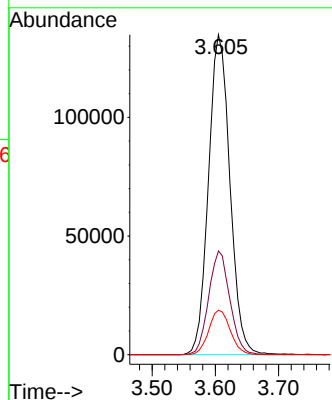
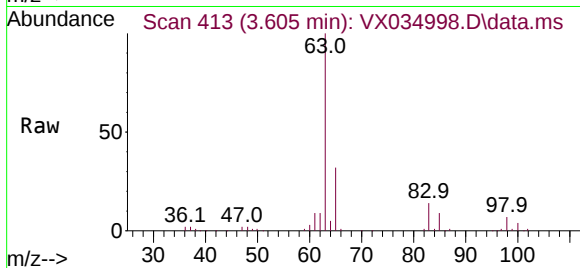
Tgt Ion: 63 Resp: 318005

Ion Ratio Lower Upper

63 100

65 32.4 22.1 41.1

83 13.9 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 45.494 ug/L

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

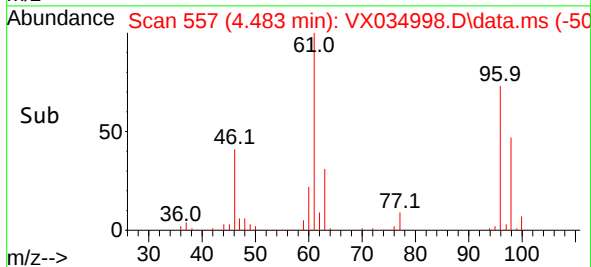
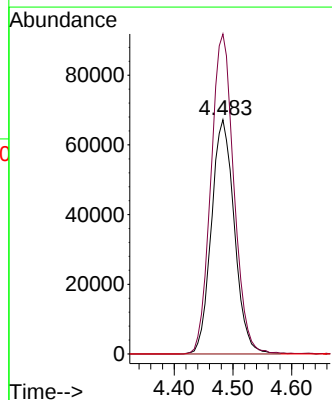
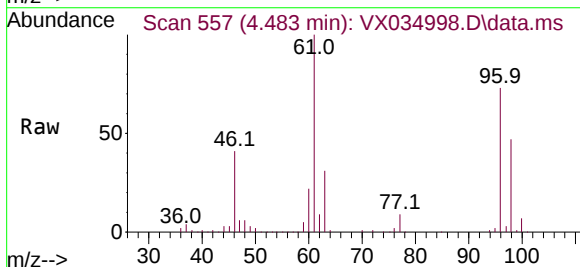
Tgt Ion: 96 Resp: 182380

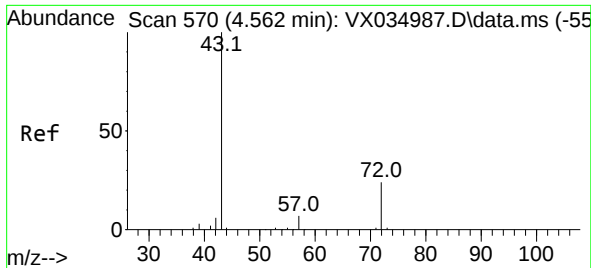
Ion Ratio Lower Upper

96 100

61 136.6 95.7 177.7

68 0.0 0.0 0.0

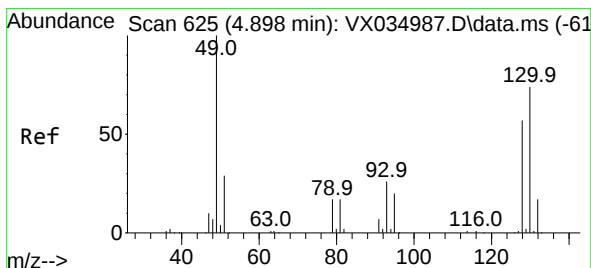
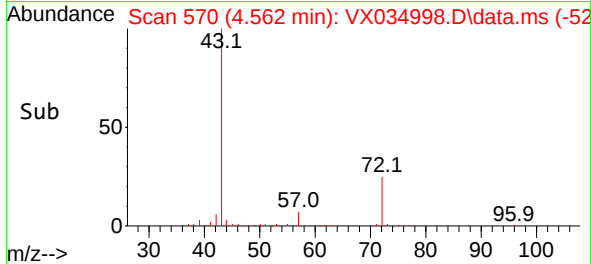
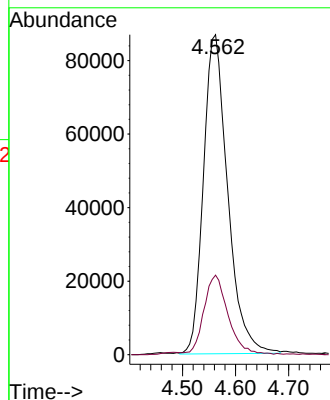
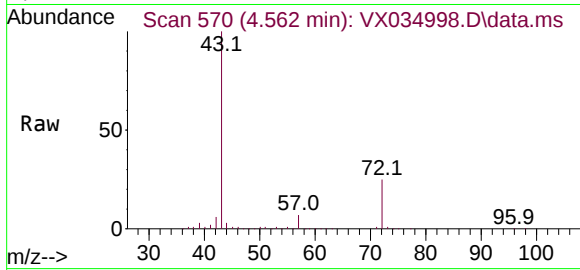




#22
2-Butanone
Concen: 92.151 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

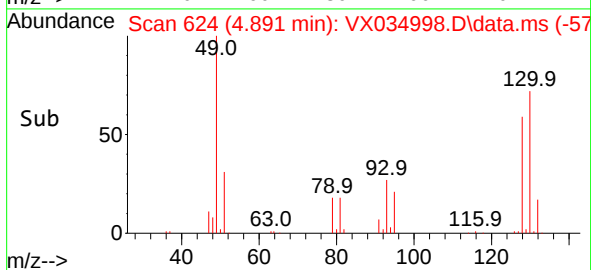
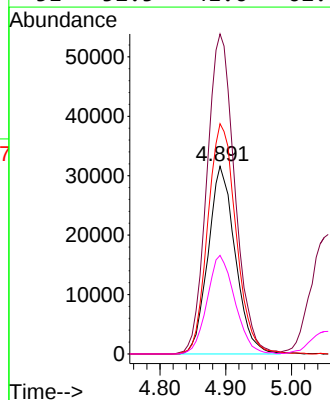
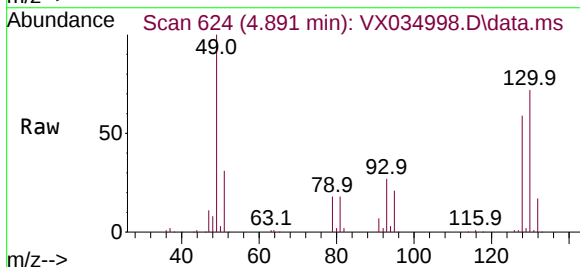
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

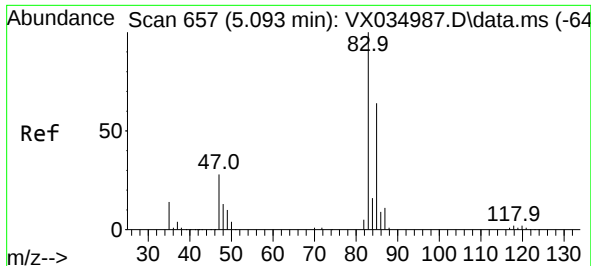
Tgt Ion: 43 Resp: 276173
Ion Ratio Lower Upper
43 100
72 24.4 11.5 34.5



#23
Bromochloromethane
Concen: 45.668 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion:128 Resp: 90560
Ion Ratio Lower Upper
128 100
49 170.5 123.9 230.1
130 122.7 92.1 171.1
51 52.5 41.6 62.4





#25

Chloroform

Concen: 46.158 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

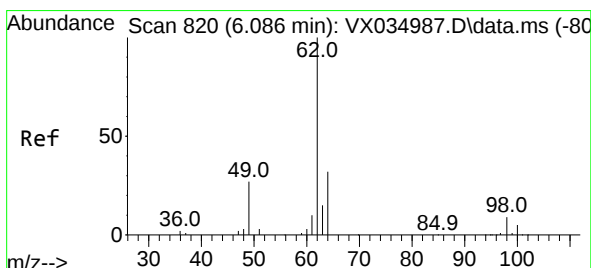
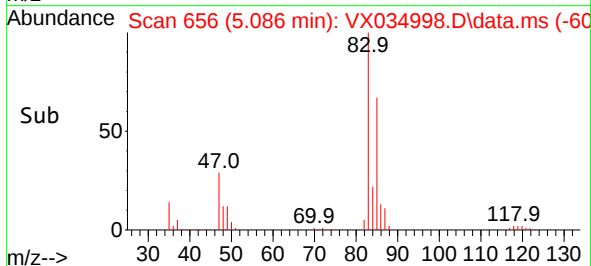
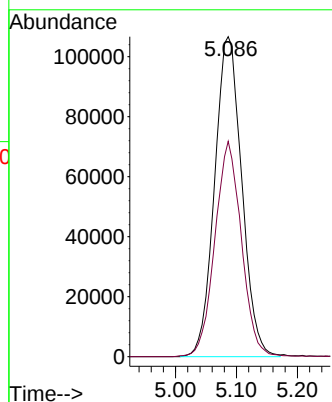
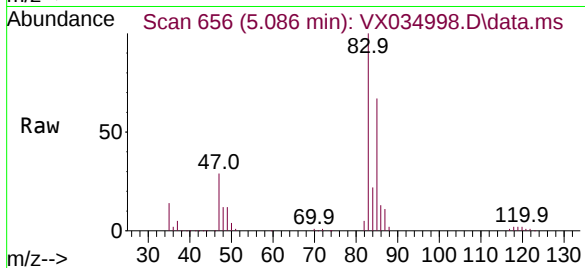
VSTD050624

Tgt Ion: 83 Resp: 330339

Ion Ratio Lower Upper

83 100

85 67.3 45.1 83.9



#27

1,2-Dichloroethane

Concen: 45.751 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX034998.D

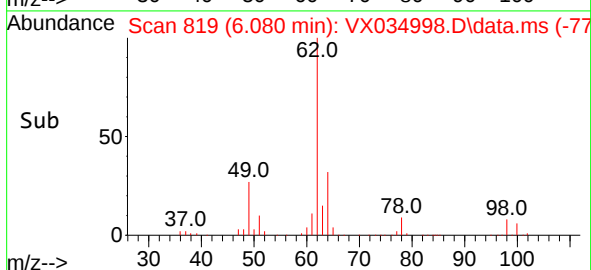
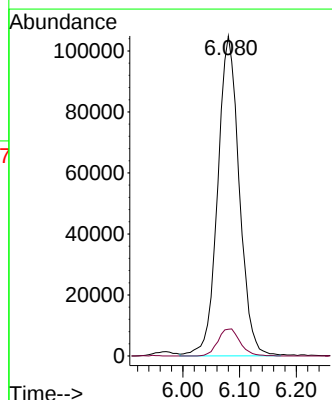
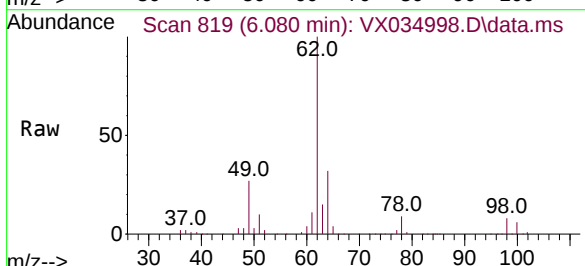
Acq: 11 Apr 2023 09:10

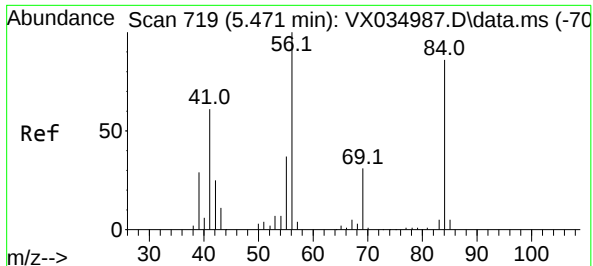
Tgt Ion: 62 Resp: 277291

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6





#29

Cyclohexane

Concen: 46.169 ug/L

RT: 5.464 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050624

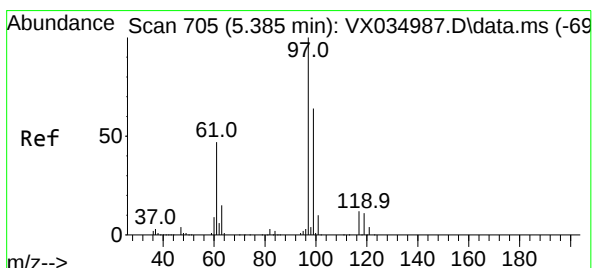
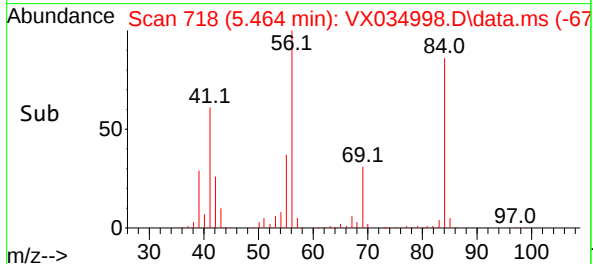
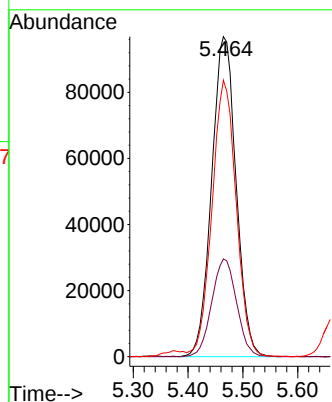
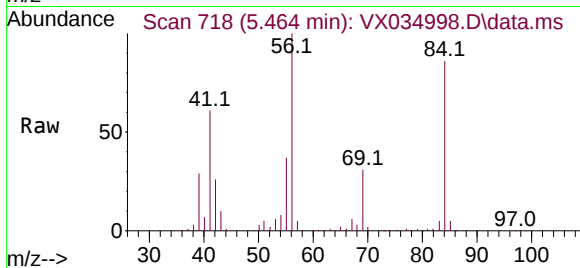
Tgt Ion: 56 Resp: 299813

Ion Ratio Lower Upper

56 100

69 31.0 24.5 36.7

84 85.3 69.4 104.2



#30

1,1,1-Trichloroethane

Concen: 45.720 ug/L

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

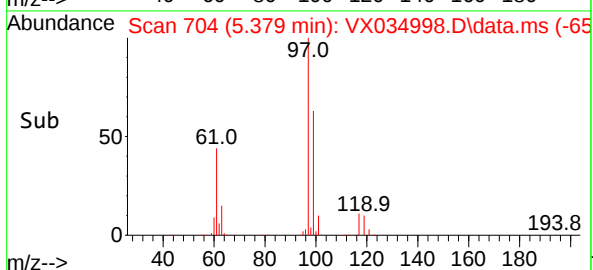
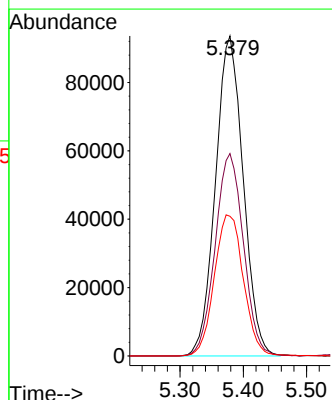
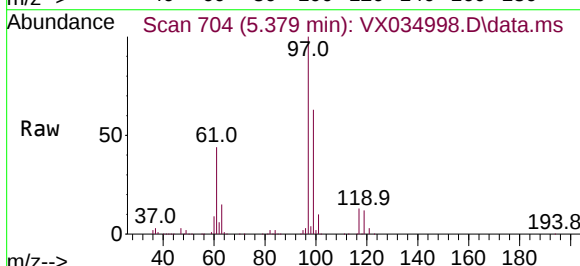
Tgt Ion: 97 Resp: 285509

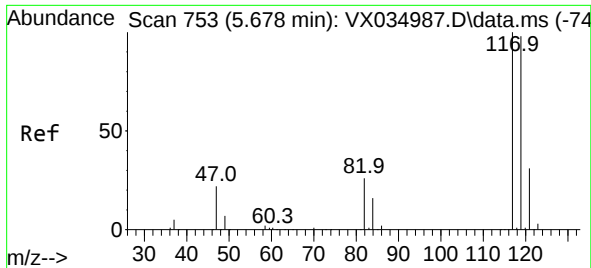
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 46.2 36.8 55.2

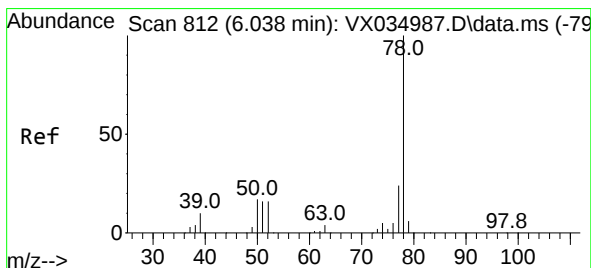
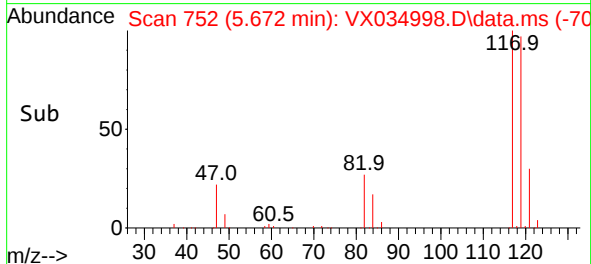
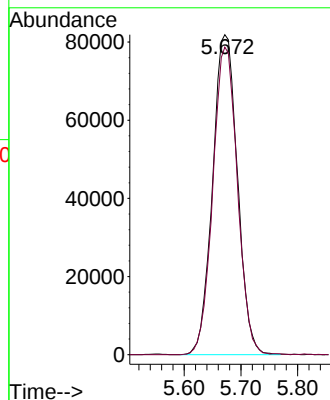
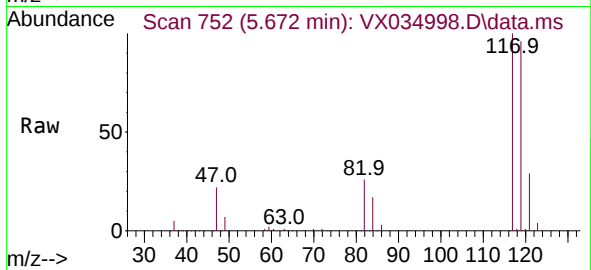




#31
Carbon tetrachloride
Concen: 46.249 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

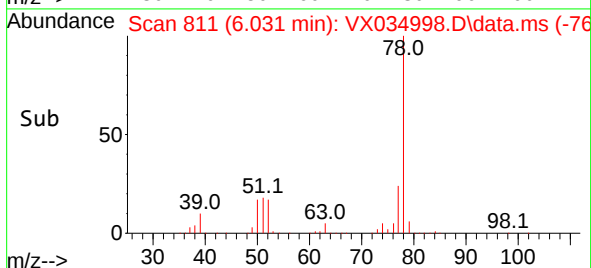
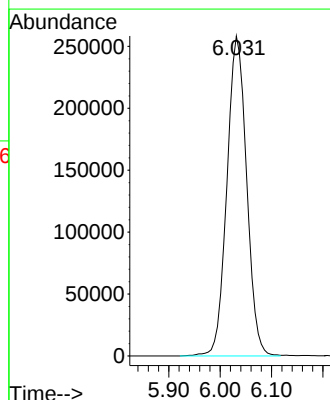
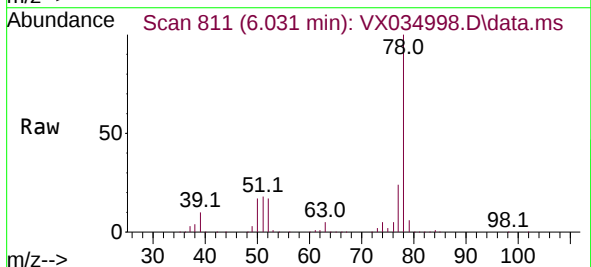
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

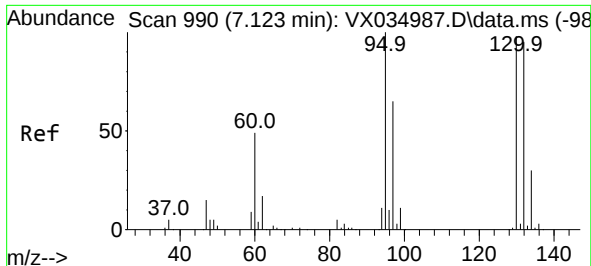
Tgt Ion:117 Resp: 248951
Ion Ratio Lower Upper
117 100
119 95.1 76.7 115.1



#33
Benzene
Concen: 45.782 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion: 78 Resp: 689489

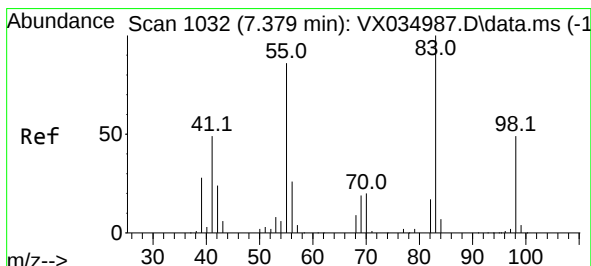
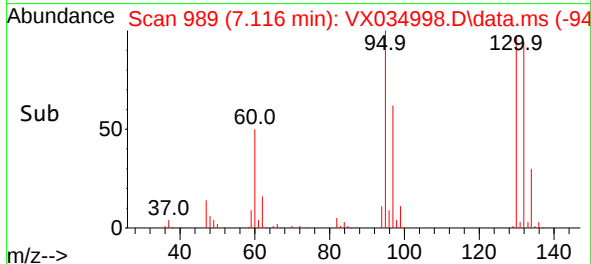
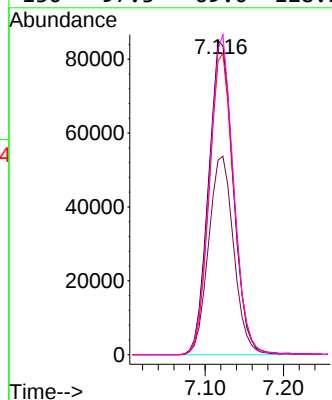
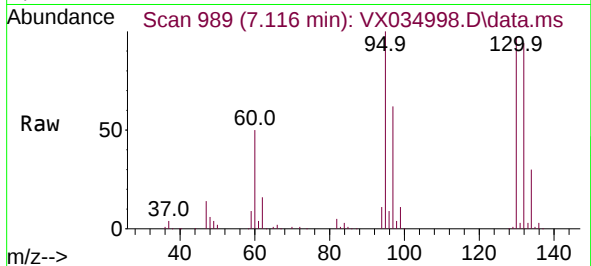




#34
Trichloroethene
Concen: 45.907 ug/L
RT: 7.116 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

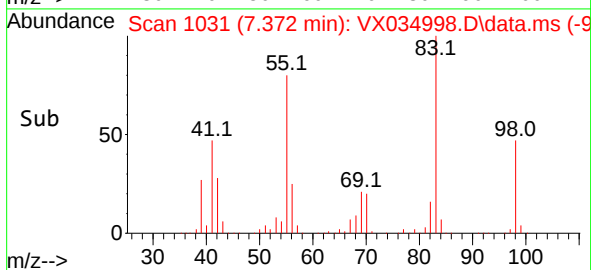
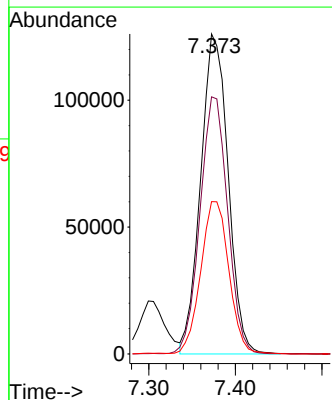
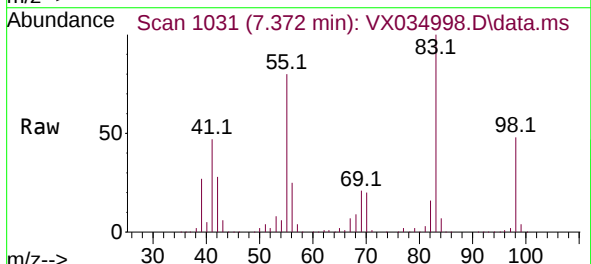
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

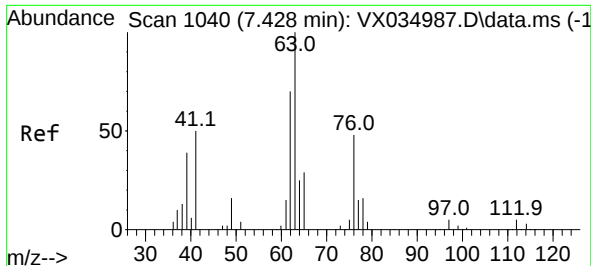
Tgt Ion: 95 Resp: 186405
Ion Ratio Lower Upper
95 100
97 62.0 45.4 84.2
132 93.6 66.8 124.0
130 97.3 69.0 128.1



#35
Methylcyclohexane
Concen: 47.552 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion: 83 Resp: 278360
Ion Ratio Lower Upper
83 100
55 80.7 65.0 97.6
98 48.9 38.7 58.1





#37

1,2-Dichloropropane

Concen: 46.696 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

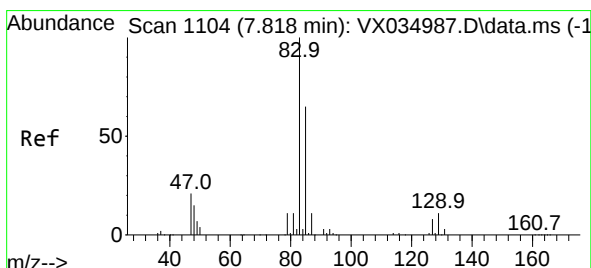
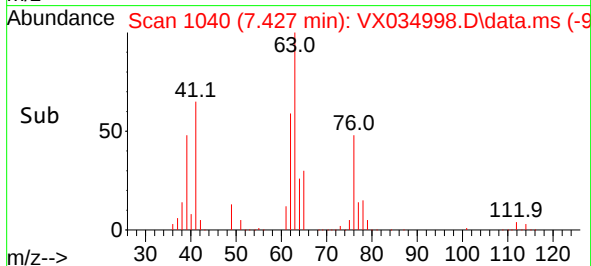
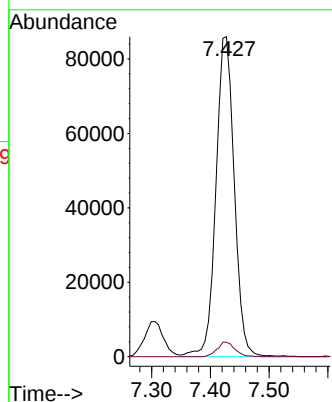
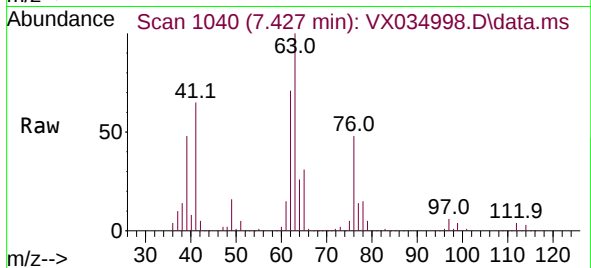
VSTD050624

Tgt Ion: 63 Resp: 186347

Ion Ratio Lower Upper

63 100

112 4.4 3.6 5.4



#38

Bromodichloromethane

Concen: 46.174 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

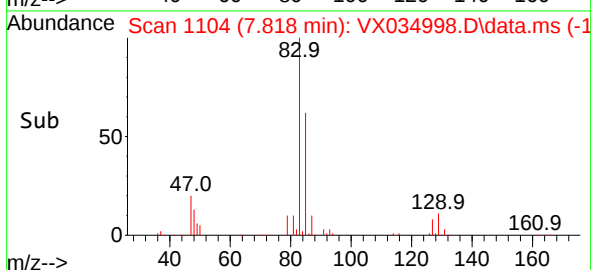
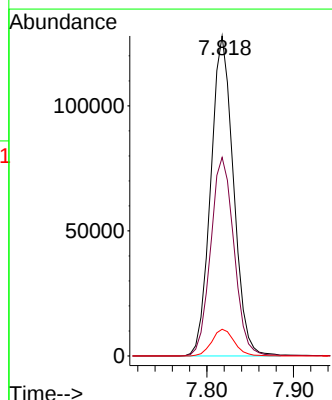
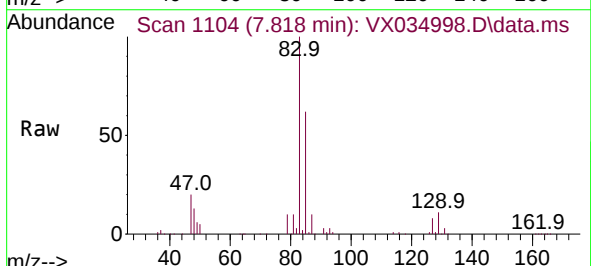
Tgt Ion: 83 Resp: 233141

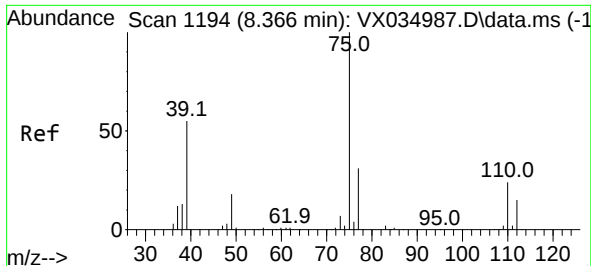
Ion Ratio Lower Upper

83 100

85 62.1 45.6 84.6

127 8.4 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 47.278 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

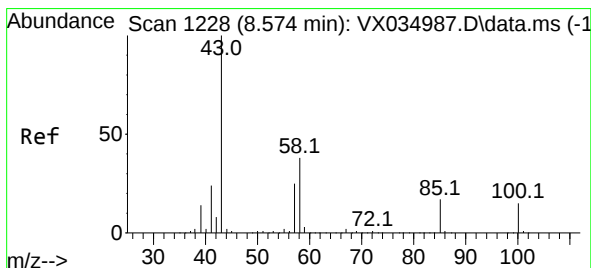
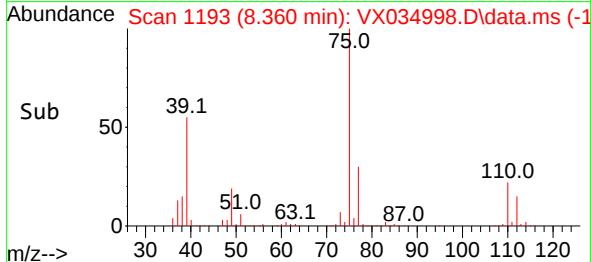
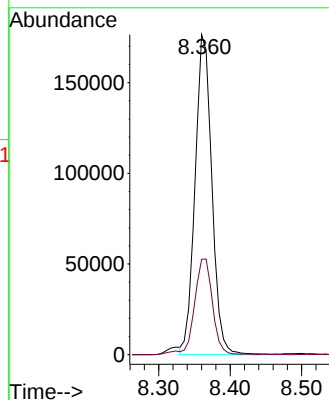
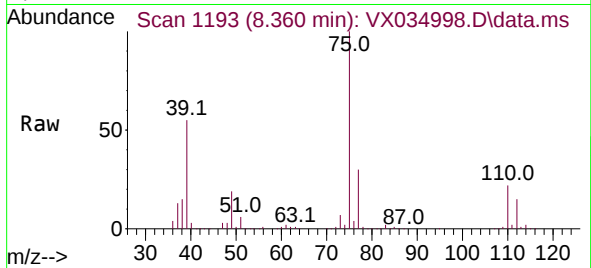
VSTD050624

Tgt Ion: 75 Resp: 288348

Ion Ratio Lower Upper

75 100

77 29.8 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 92.436 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

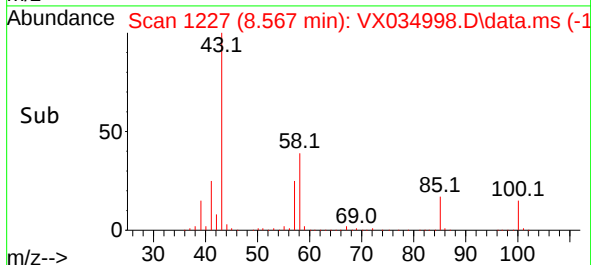
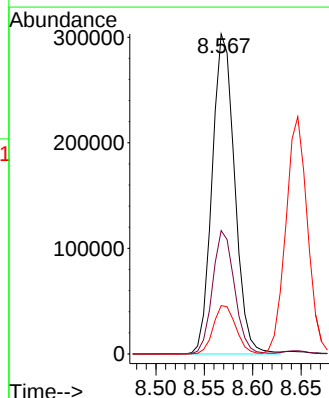
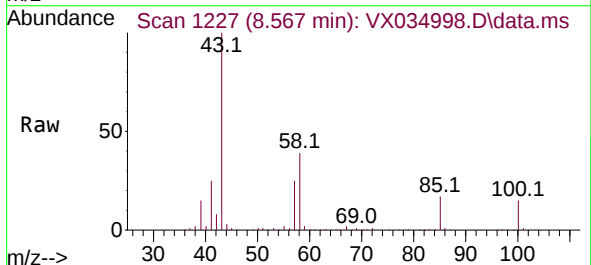
Tgt Ion: 43 Resp: 490163

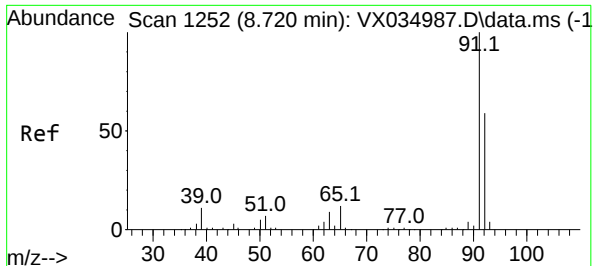
Ion Ratio Lower Upper

43 100

58 37.7 30.1 45.1

100 15.2 11.9 17.9





#42

Toluene

Concen: 46.530 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

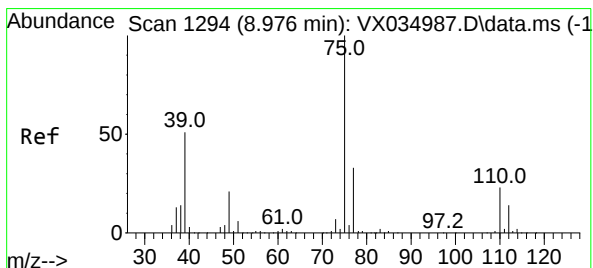
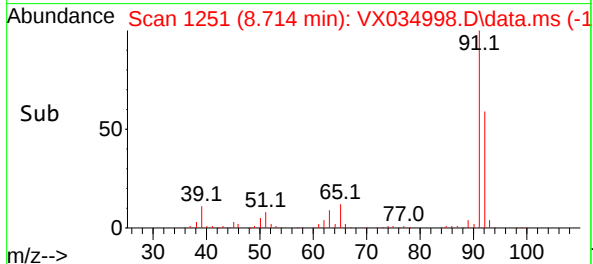
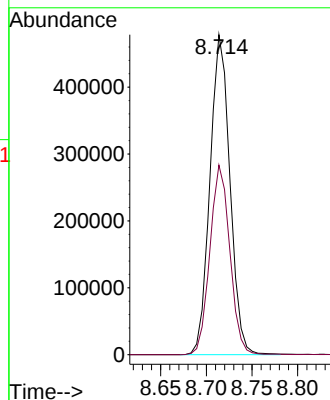
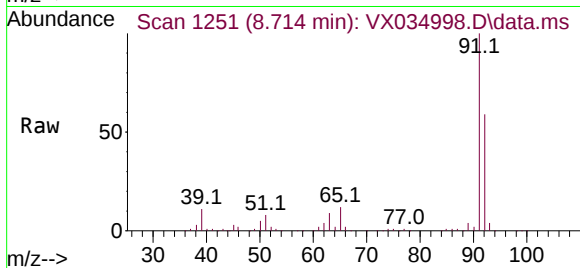
VSTD050624

Tgt Ion: 91 Resp: 725770

Ion Ratio Lower Upper

91 100

92 59.2 41.4 76.8



#44

trans-1,3-Dichloropropene

Concen: 46.723 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX034998.D

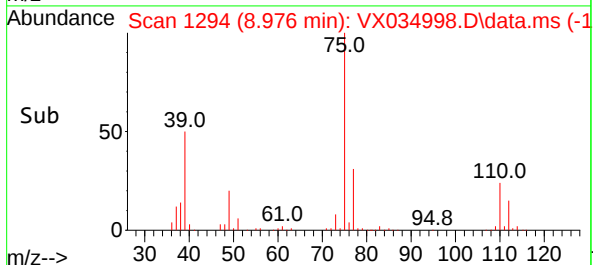
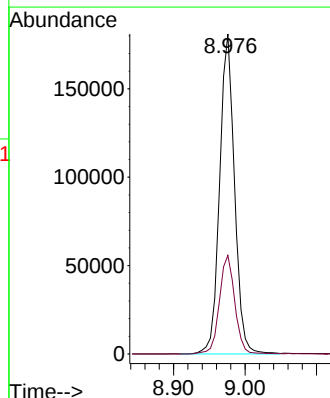
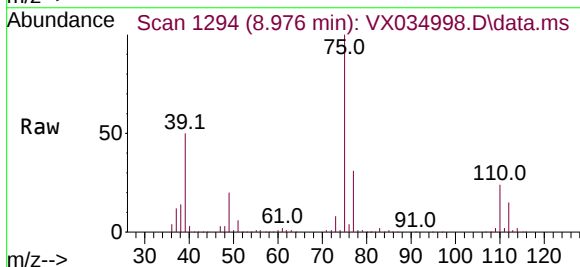
Acq: 11 Apr 2023 09:10

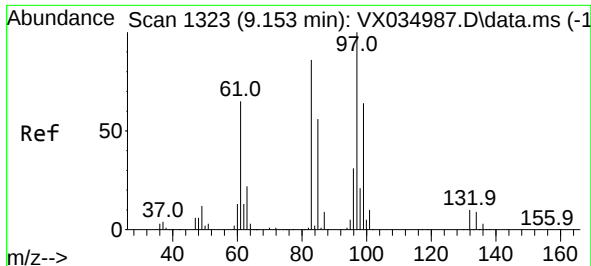
Tgt Ion: 75 Resp: 262343

Ion Ratio Lower Upper

75 100

77 30.8 22.9 42.5





#45

1,1,2-Trichloroethane

Concen: 45.633 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050624

Tgt Ion: 97 Resp: 169816

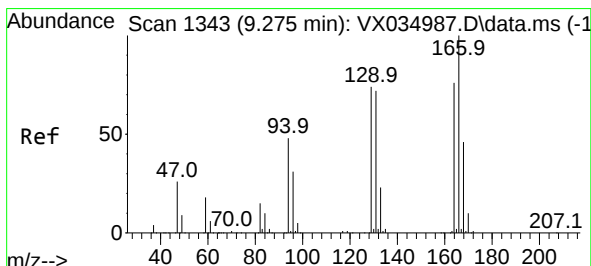
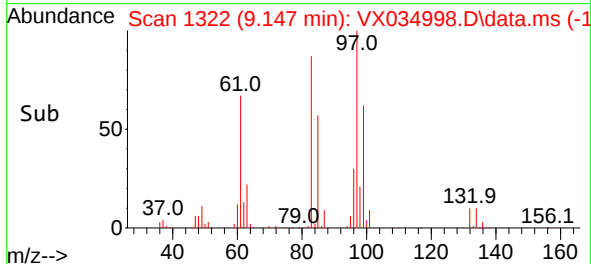
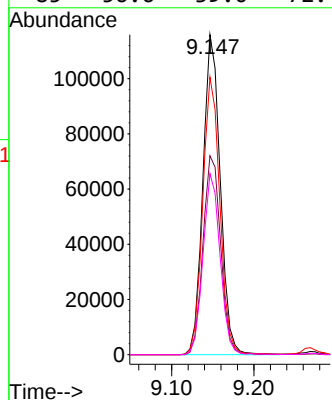
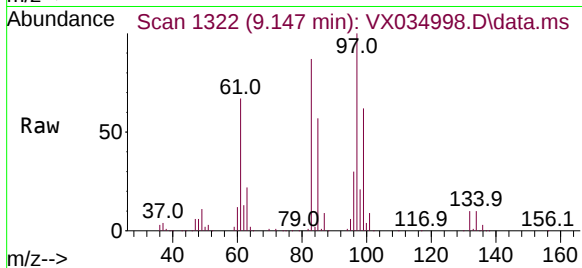
Ion Ratio Lower Upper

97 100

99 62.2 44.8 83.2

83 86.7 60.5 112.3

85 56.6 39.0 72.4



#46

Tetrachloroethene

Concen: 46.767 ug/L

RT: 9.268 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Tgt Ion:164 Resp: 141469

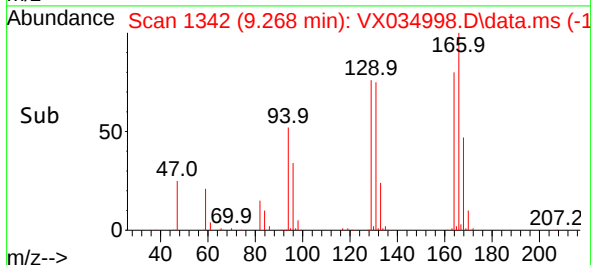
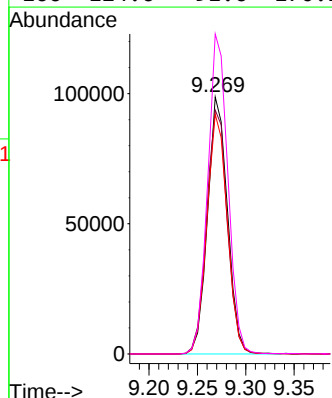
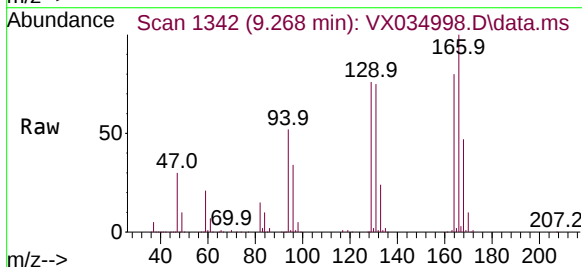
Ion Ratio Lower Upper

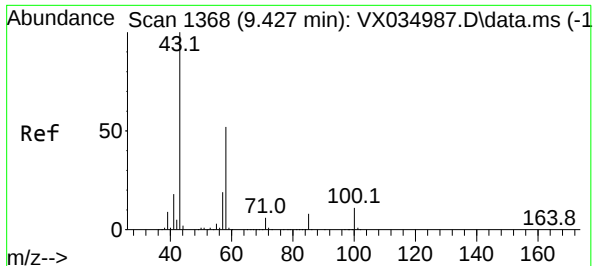
164 100

129 94.9 67.7 125.7

131 93.3 65.8 122.2

166 124.6 91.6 170.2





#48

2-Hexanone

Concen: 95.463 ug/L

RT: 9.427 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VX034998.D

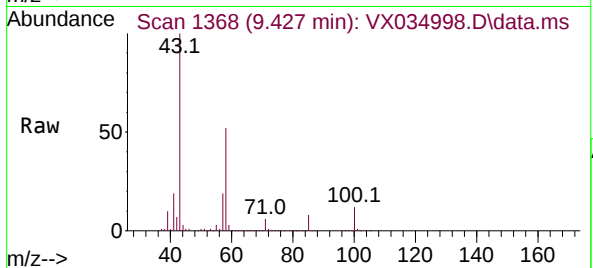
Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050624



Tgt Ion: 43 Resp: 396792

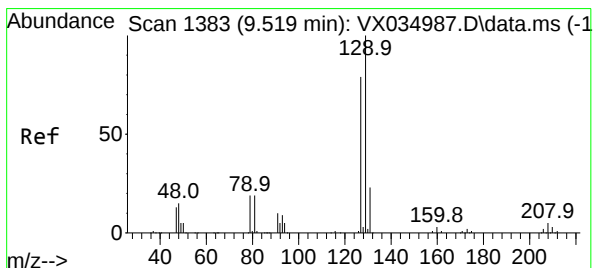
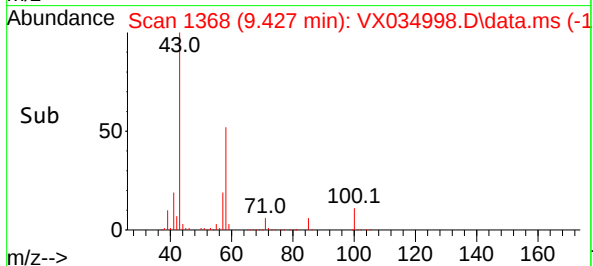
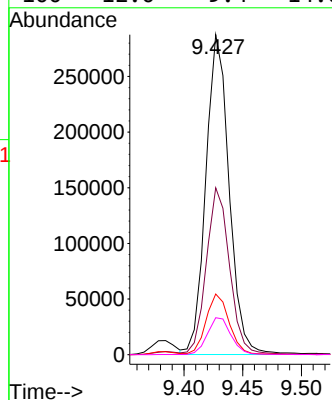
Ion Ratio Lower Upper

43 100

58 52.2 42.1 63.1

57 19.0 15.0 22.6

100 12.0 9.4 14.0



#49

Dibromochloromethane

Concen: 47.499 ug/L

RT: 9.518 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VX034998.D

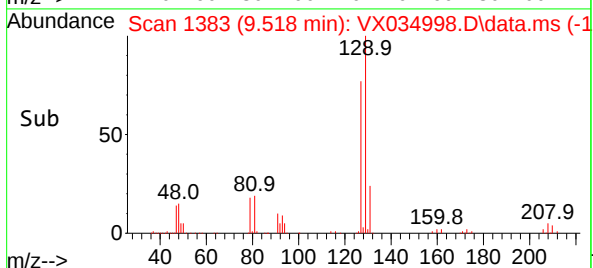
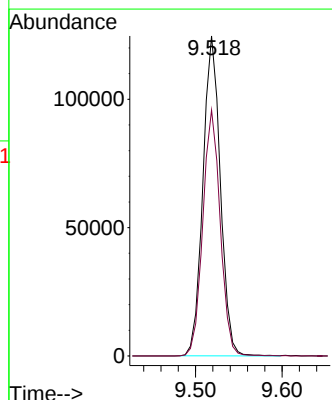
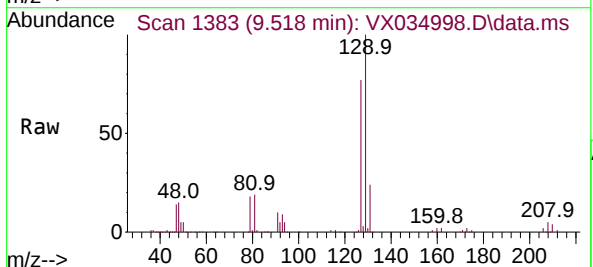
Acq: 11 Apr 2023 09:10

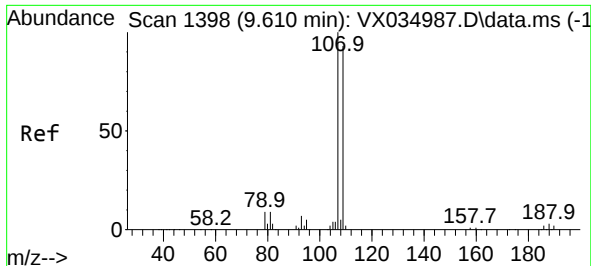
Tgt Ion: 129 Resp: 173863

Ion Ratio Lower Upper

129 100

127 76.9 55.0 102.2





#50

1,2-Dibromoethane

Concen: 46.369 ug/L

RT: 9.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050624

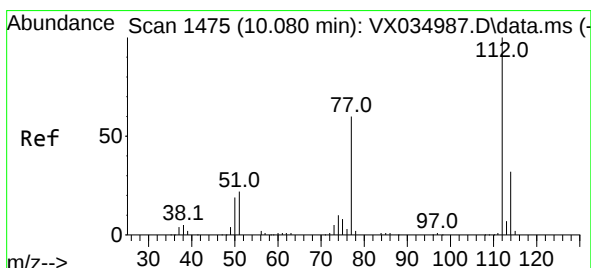
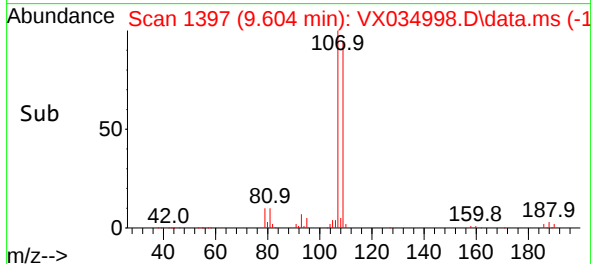
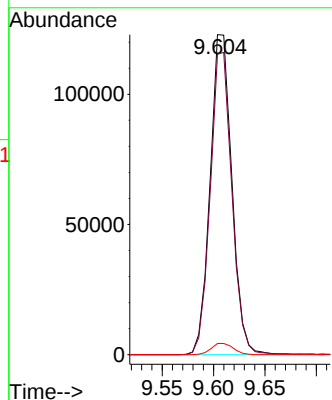
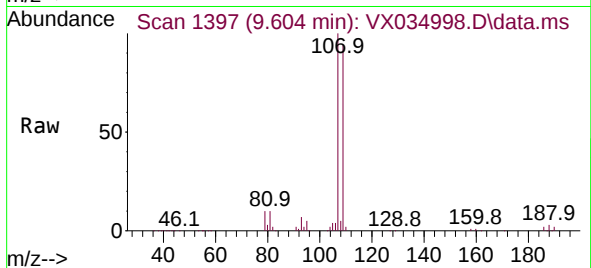
Tgt Ion:107 Resp: 181082

Ion Ratio Lower Upper

107 100

109 93.9 65.4 121.4

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 46.583 ug/L

RT: 10.073 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

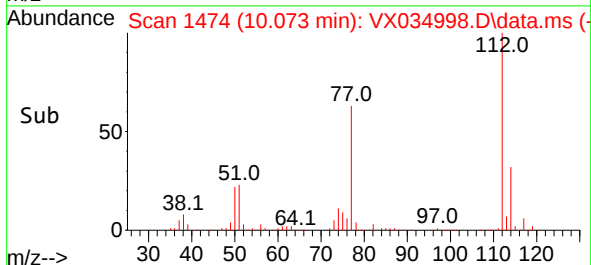
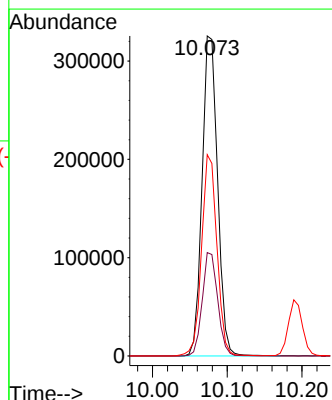
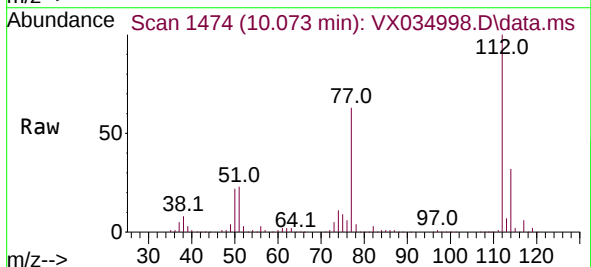
Tgt Ion:112 Resp: 468331

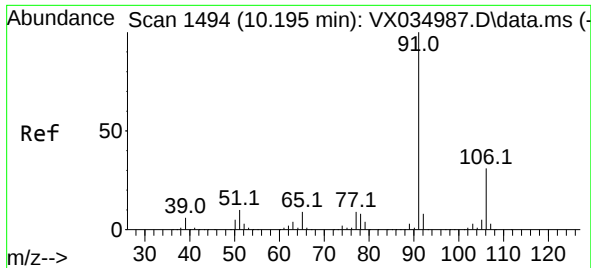
Ion Ratio Lower Upper

112 100

114 32.3 22.6 42.0

77 62.9 48.8 73.2

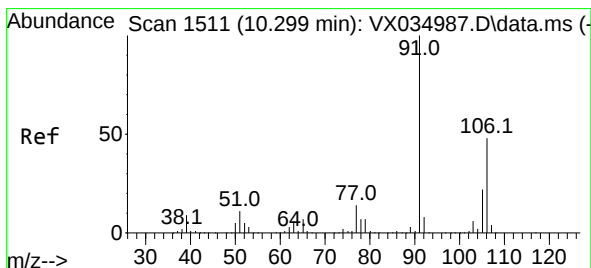
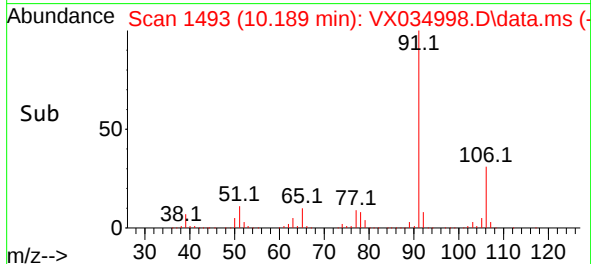
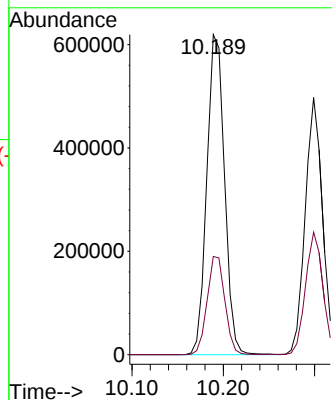
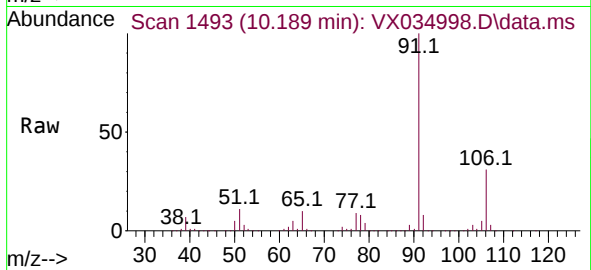




#52
Ethylbenzene
Concen: 47.008 ug/L
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

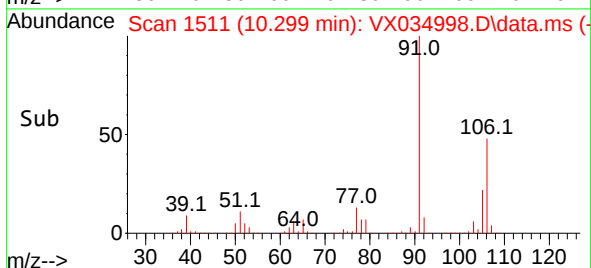
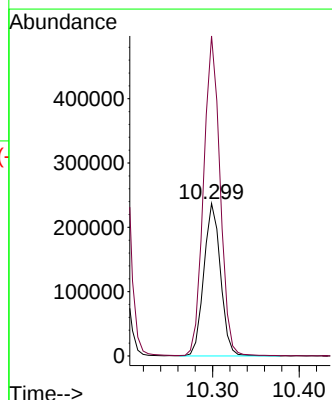
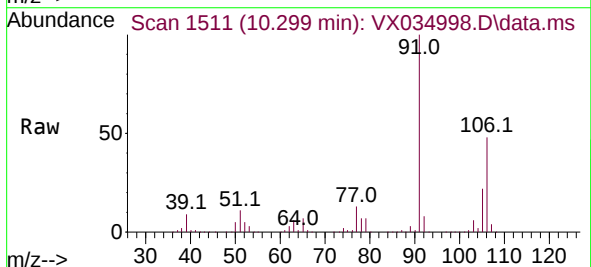
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

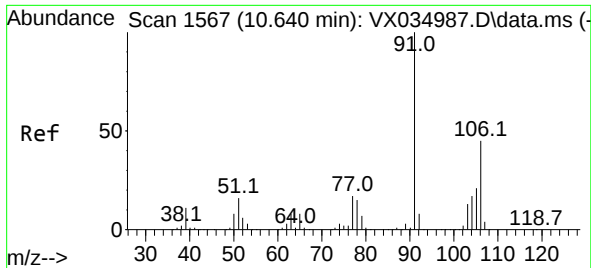
Tgt Ion: 91 Resp: 832108
Ion Ratio Lower Upper
91 100
106 30.7 21.3 39.6



#53
m,p-Xylene
Concen: 47.482 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion: 106 Resp: 316682
Ion Ratio Lower Upper
106 100
91 209.9 146.4 272.0

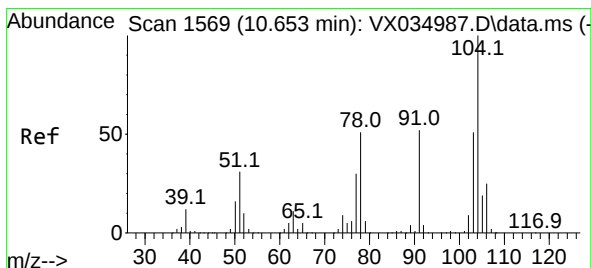
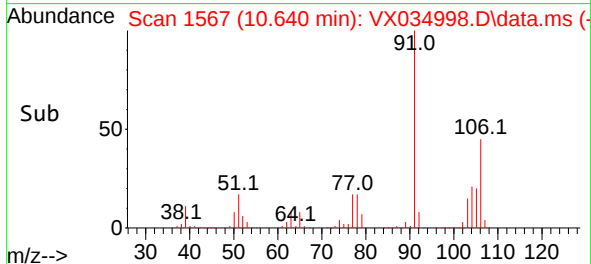
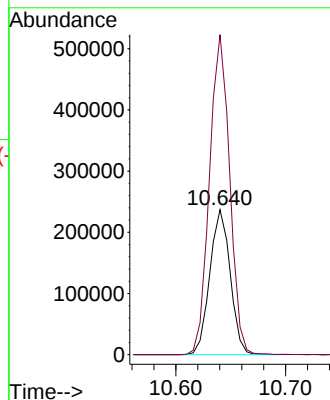
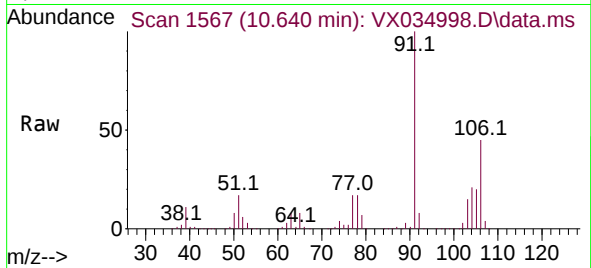




#54
o-Xylene
Concen: 46.639 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

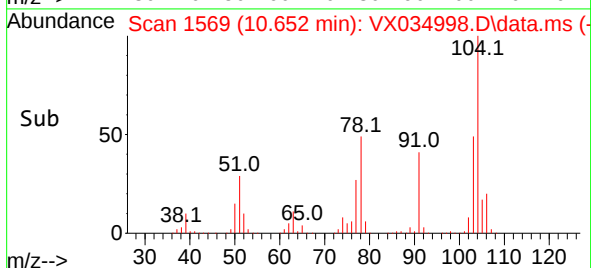
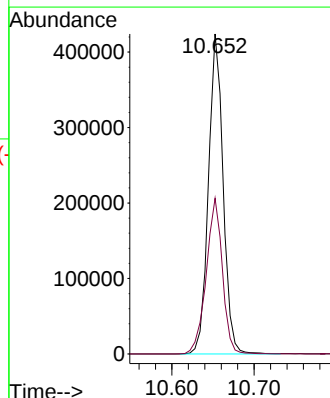
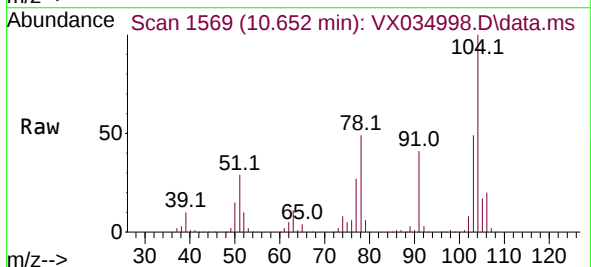
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

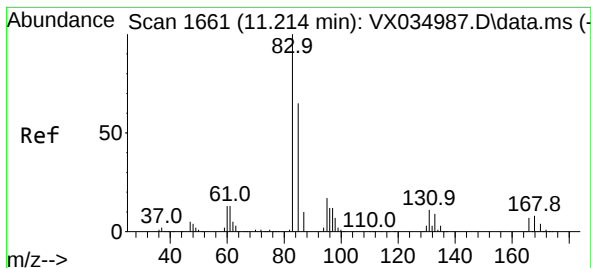
Tgt Ion:106 Resp: 306481
Ion Ratio Lower Upper
106 100
91 220.8 154.0 286.0



#55
Styrene
Concen: 47.754 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion:104 Resp: 526136
Ion Ratio Lower Upper
104 100
78 48.6 35.4 65.8





#57

1,1,2,2-Tetrachloroethane

Concen: 46.253 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050624

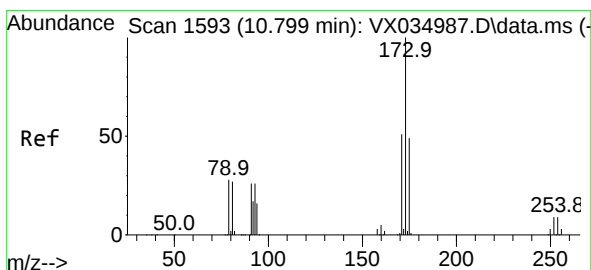
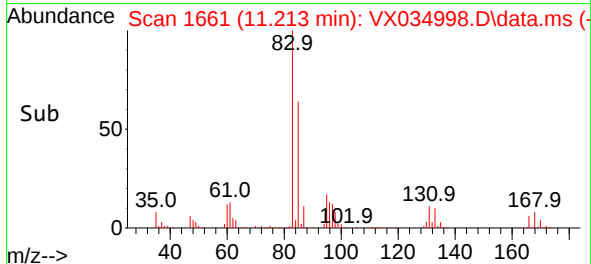
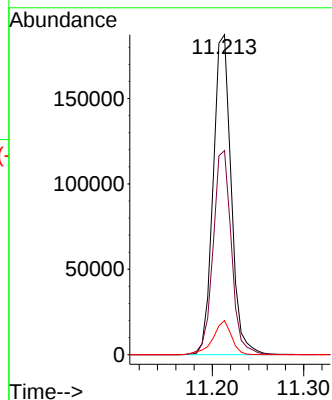
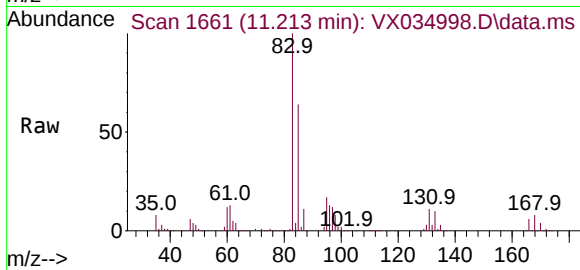
Tgt Ion: 83 Resp: 255577

Ion Ratio Lower Upper

83 100

85 63.8 45.5 84.5

131 10.7 8.6 12.8



#59

Bromoform

Concen: 44.947 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

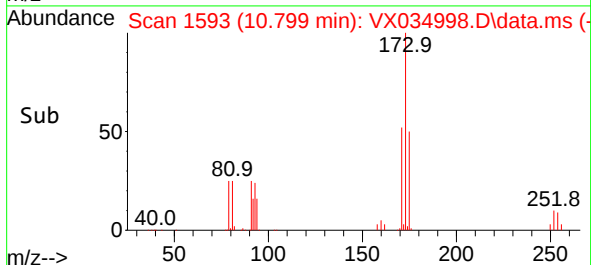
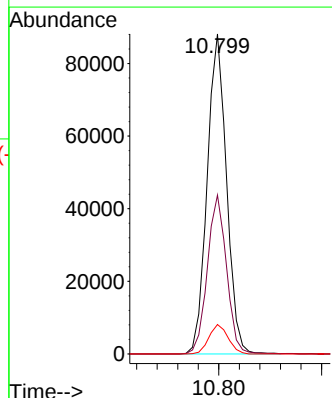
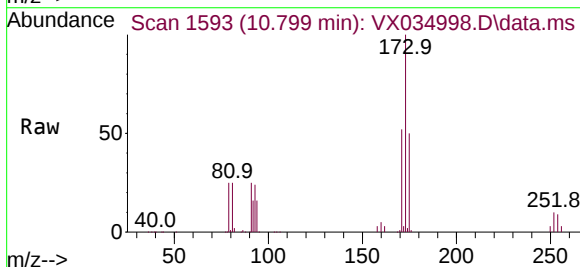
Tgt Ion:173 Resp: 115542

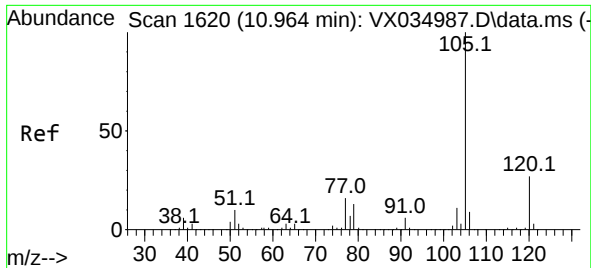
Ion Ratio Lower Upper

173 100

175 49.2 39.0 58.4

254 9.1 7.3 10.9

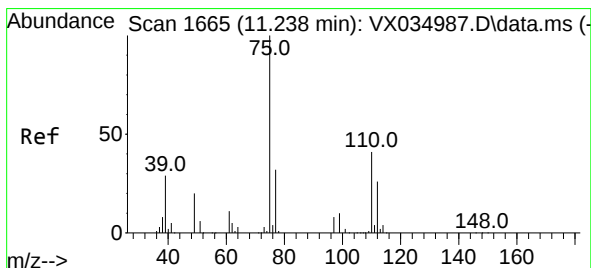
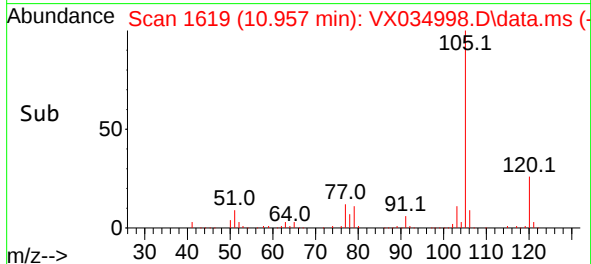
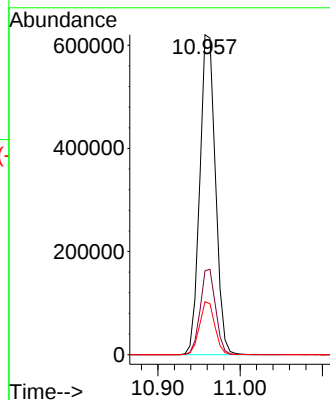
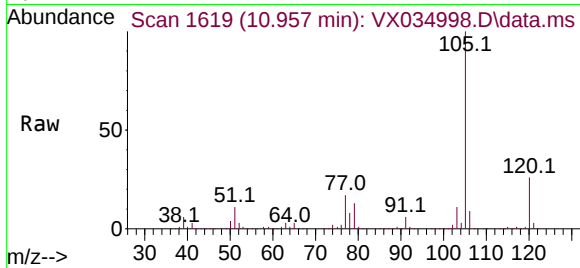




#60
Isopropylbenzene
Concen: 46.509 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

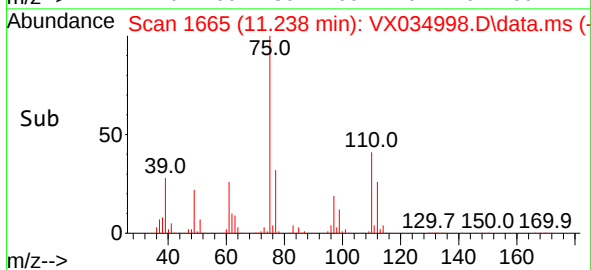
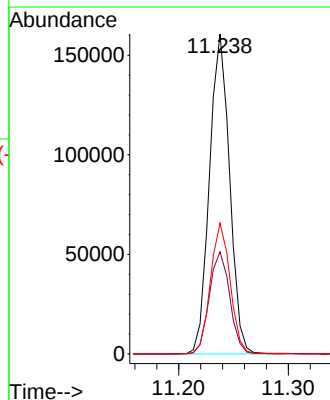
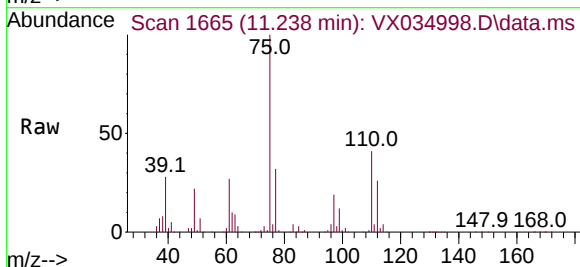
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

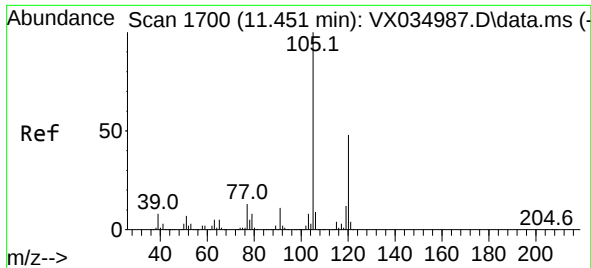
Tgt Ion:105 Resp: 818934
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 16.3 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 44.348 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion: 75 Resp: 205031
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 40.1 31.8 47.8

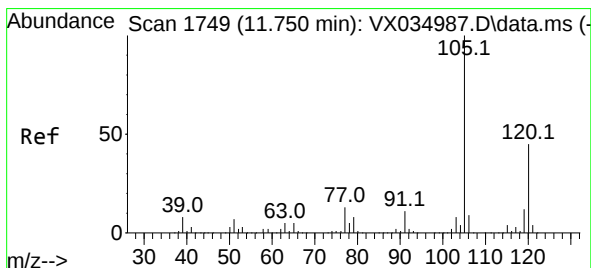
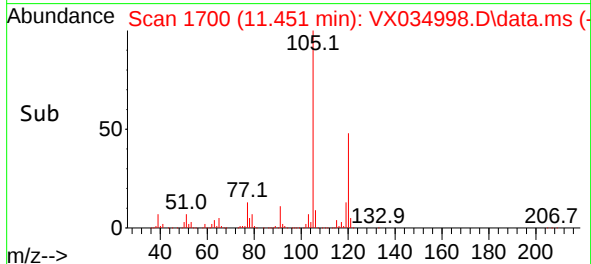
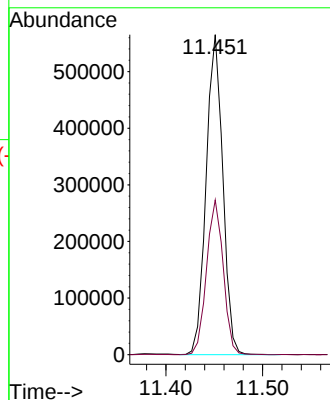
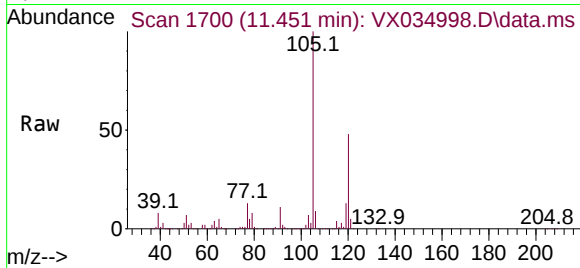




#62
 1,3,5-Trimethylbenzene
 Concen: 46.490 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX034998.D
 Acq: 11 Apr 2023 09:10

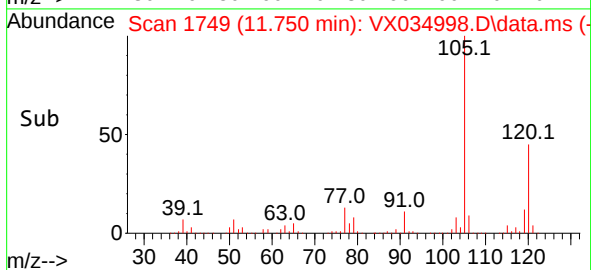
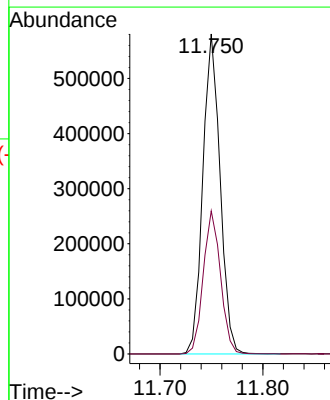
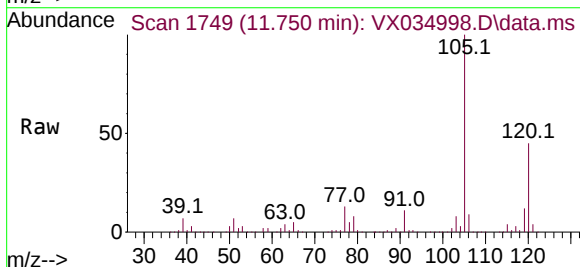
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050624

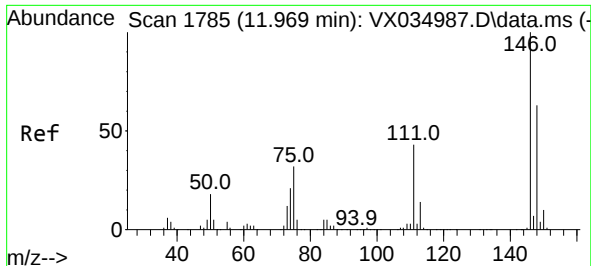
Tgt Ion:105 Resp: 678723
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 47.067 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX034998.D
 Acq: 11 Apr 2023 09:10

Tgt Ion:105 Resp: 678492
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.6 53.4

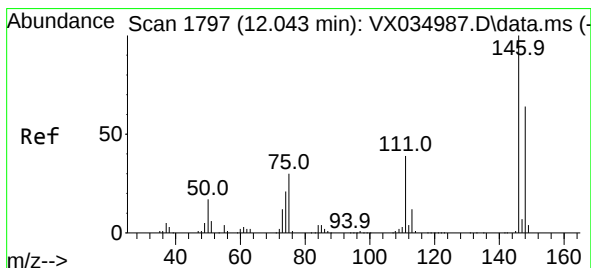
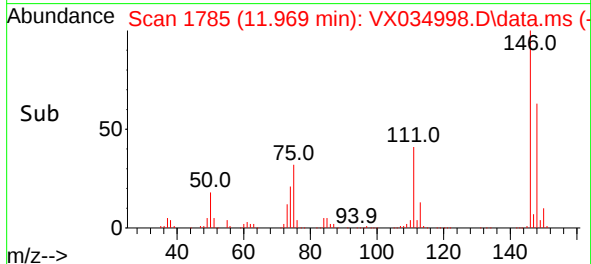
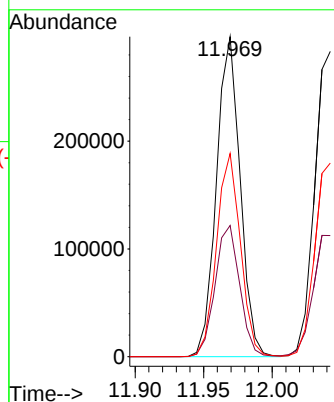
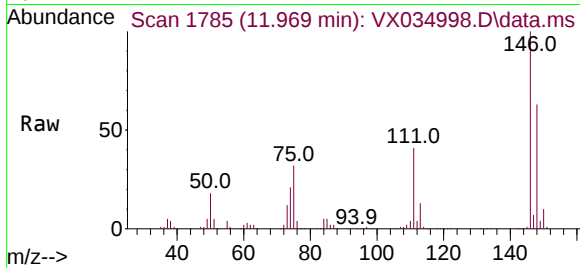




#64
1,3-Dichlorobenzene
Concen: 45.588 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

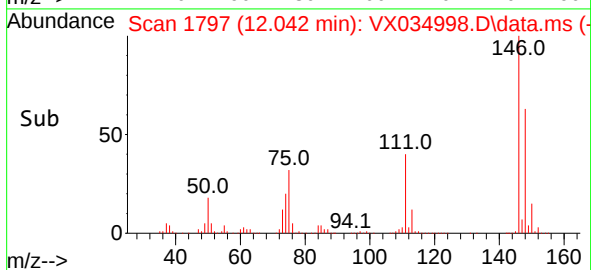
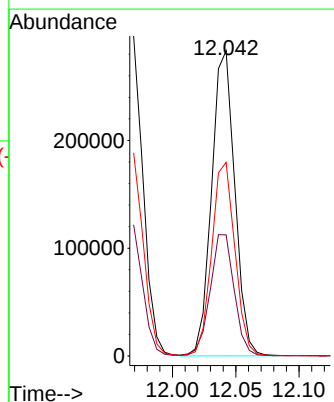
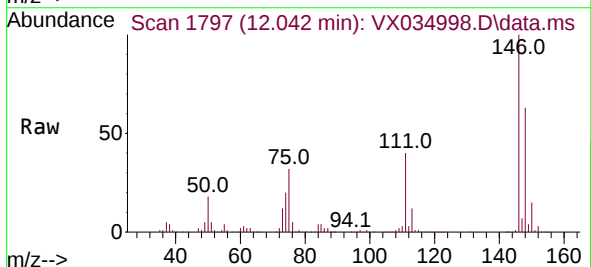
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

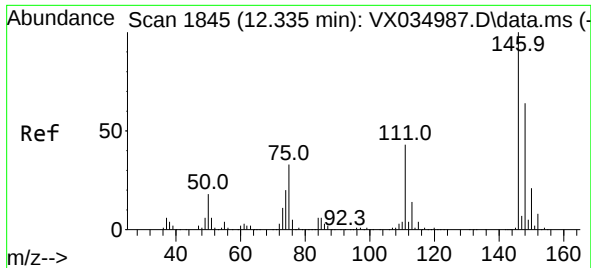
Tgt Ion:146 Resp: 357586
Ion Ratio Lower Upper
146 100
111 41.0 30.3 56.3
148 63.5 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 45.554 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion:146 Resp: 361279
Ion Ratio Lower Upper
146 100
111 39.7 27.5 51.1
148 63.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 45.139 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050624

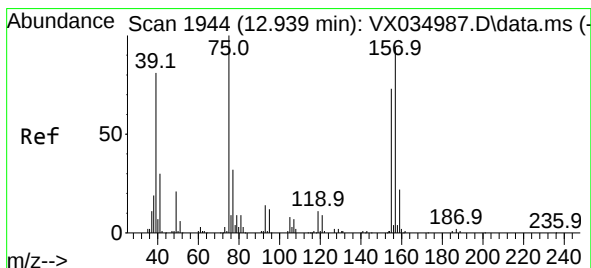
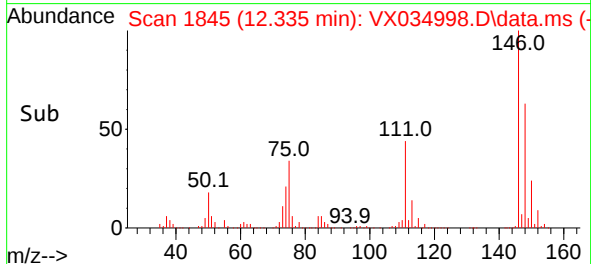
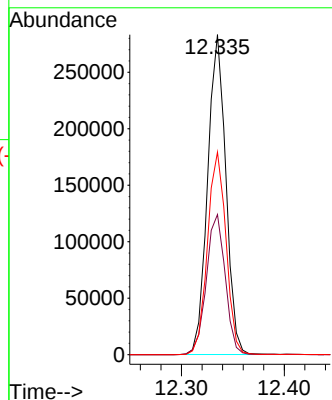
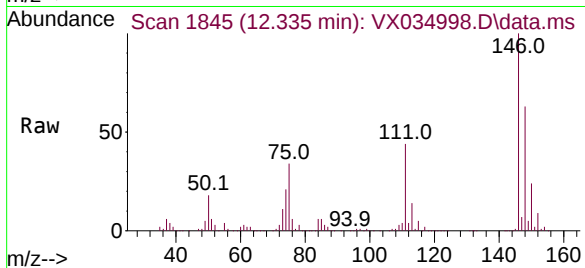
Tgt Ion:146 Resp: 348805

Ion Ratio Lower Upper

146 100

111 43.8 34.4 51.6

148 63.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 46.675 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.006 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

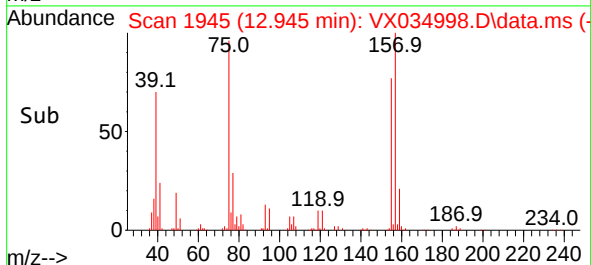
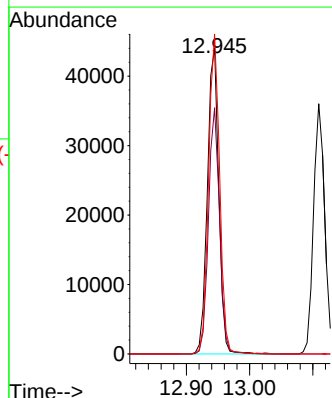
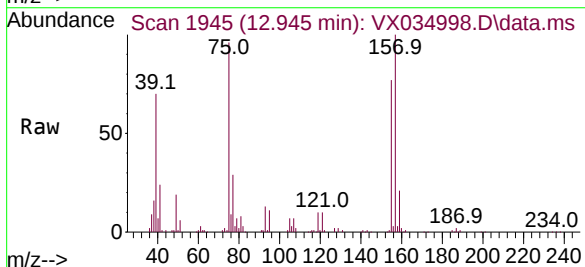
Tgt Ion: 75 Resp: 55240

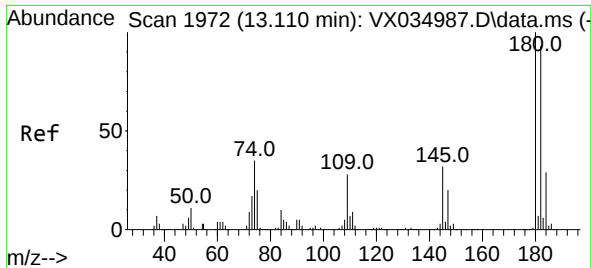
Ion Ratio Lower Upper

75 100

155 80.4 58.0 87.0

157 104.5 75.3 112.9

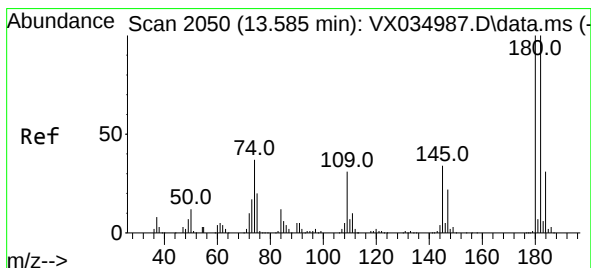
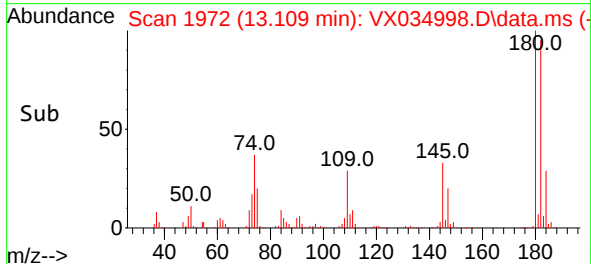
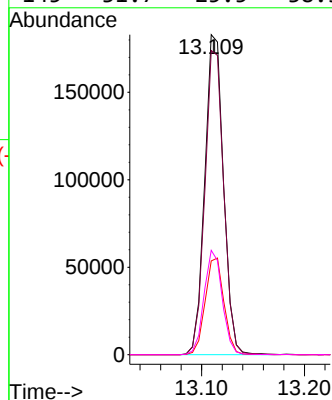
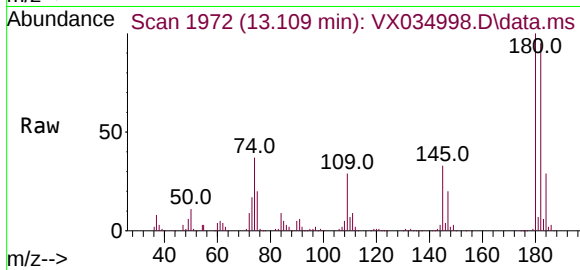




#69
1,3,5-Trichlorobenzene
Concen: 47.351 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

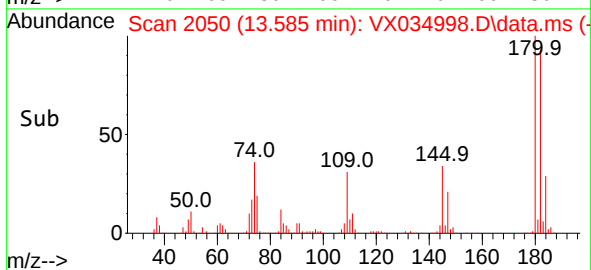
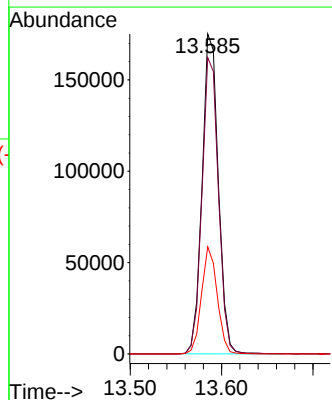
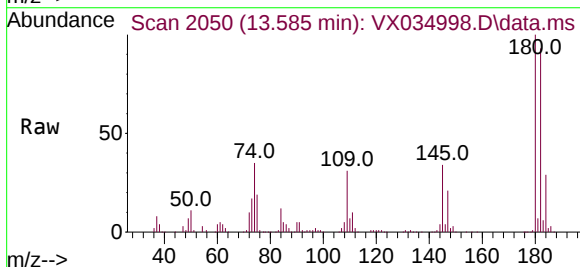
Instrument :
MSVOA_X
ClientSampleId :
VSTD050624

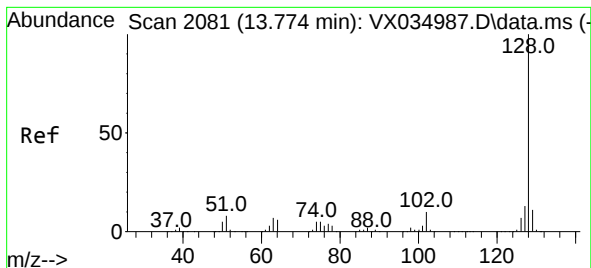
Tgt Ion:180 Resp: 232329
Ion Ratio Lower Upper
180 100
182 95.6 76.8 115.2
184 30.2 23.8 35.8
145 31.7 25.5 38.3



#70
1,2,4-trichlorobenzene
Concen: 47.333 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX034998.D
Acq: 11 Apr 2023 09:10

Tgt Ion:180 Resp: 216024
Ion Ratio Lower Upper
180 100
182 93.4 77.0 115.4
145 32.5 26.7 40.1





#71

Naphthalene

Concen: 46.854 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD050624

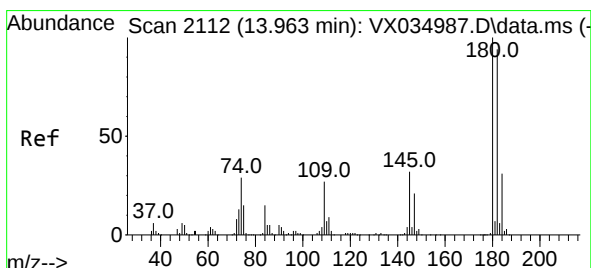
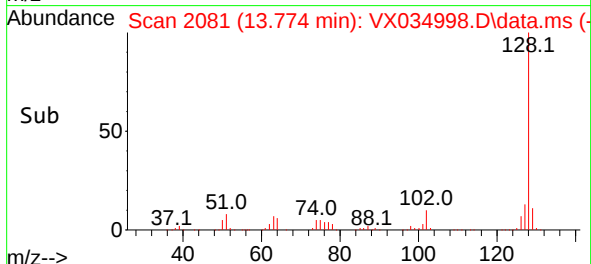
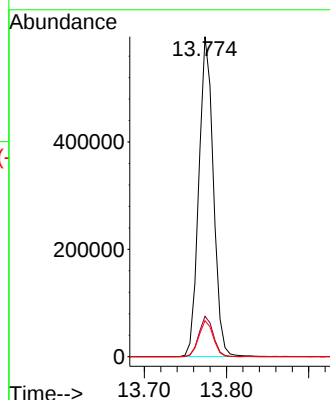
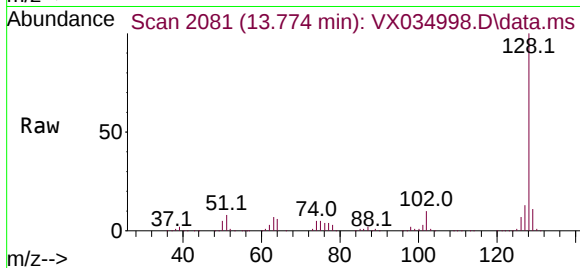
Tgt Ion:128 Resp: 730716

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.2 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 46.176 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034998.D

Acq: 11 Apr 2023 09:10

Tgt Ion:180 Resp: 211617

Ion Ratio Lower Upper

180 100

182 95.8 76.6 114.8

145 35.0 28.0 42.0

