

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030692.D
 Acq On : 18 Aug 2022 17:58
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 19:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	313789	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	286280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149870	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95927	47.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.200%
7) Chloroethane-d5	1.660	69	76758	54.034	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.060%
11) 1,1-Dichloroethene-d2	2.306	63	204053	53.533	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.060%
21) 2-Butanone-d5	4.465	46	197436	105.745	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.750%
24) Chloroform-d	5.068	84	221745	53.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.920%
26) 1,2-Dichloroethane-d4	5.964	65	133258	47.312	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
32) Benzene-d6	5.983	84	440537	53.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.440%
36) 1,2-Dichloropropane-d6	7.312	67	146967	55.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.480%
41) Toluene-d8	8.653	98	404602	52.343	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.680%
43) trans-1,3-Dichloroprop...	8.952	79	64731	48.906	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.820%
47) 2-Hexanone-d5	9.391	63	150594	111.046	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.050%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	203003	58.082	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.160%
66) 1,2-Dichlorobenzene-d4	12.323	152	154179	53.039	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	101007	42.778	ug/L	98
3) Chloromethane	1.288	50	97014	47.783	ug/L	98
5) Vinyl chloride	1.374	62	105988	48.873	ug/L	98
6) Bromomethane	1.605	94	39750	39.004	ug/L	98
8) Chloroethane	1.685	64	63004	51.003	ug/L	98
9) Trichlorofluoromethane	1.886	101	154873	48.321	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	109549	57.465	ug/L	98
12) 1,1-Dichloroethene	2.319	96	106811	60.816	ug/L #	68
13) Acetone	2.386	43	122795	89.737	ug/L	90
14) Carbon disulfide	2.508	76	228698	40.176	ug/L	100
15) Methyl Acetate	2.709	43	143125	50.532	ug/L	95
16) Methylene chloride	2.788	84	121755	54.672	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	105807	52.001	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	366327	52.941	ug/L	96
19) 1,1-Dichloroethane	3.611	63	211113	53.645	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	131664	57.523	ug/L	90
22) 2-Butanone	4.568	43	213077	98.708	ug/L	93
23) Bromochloromethane	4.910	128	63040	54.921	ug/L	91
25) Chloroform	5.105	83	225330	54.495	ug/L	100

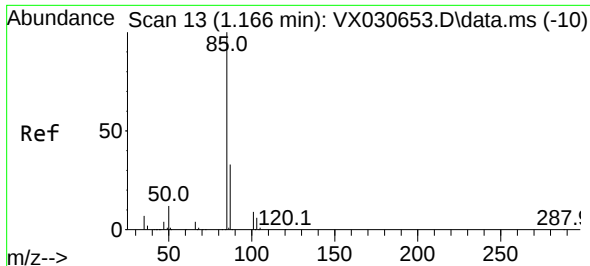
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	159470	46.338	ug/L	96
29) Cyclohexane	5.477	56	173025	45.463	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	182583	48.351	ug/L	97
31) Carbon tetrachloride	5.684	117	150790	48.382	ug/L	99
33) Benzene	6.044	78	482842	52.605	ug/L	100
34) Trichloroethene	7.129	95	145807	54.847	ug/L	89
35) Methylcyclohexane	7.385	83	180173	46.556	ug/L	96
37) 1,2-Dichloropropane	7.434	63	130828	53.607	ug/L	100
38) Bromodichloromethane	7.824	83	164698	50.991	ug/L	96
39) cis-1,3-Dichloropropene	8.372	75	187846	51.598	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	400406	94.214	ug/L	92
42) Toluene	8.720	91	512485	52.853	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	174635	49.010	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	131314	57.866	ug/L	99
46) Tetrachloroethene	9.275	164	95515	56.851	ug/L	99
48) 2-Hexanone	9.433	43	310392	93.998	ug/L	92
49) Dibromochloromethane	9.525	129	129761	53.748	ug/L	100
50) 1,2-Dibromoethane	9.610	107	131629	52.745	ug/L	99
51) Chlorobenzene	10.086	112	329804	54.595	ug/L	91
52) Ethylbenzene	10.195	91	558830	52.857	ug/L	98
53) m,p-Xylene	10.305	106	211694	53.720	ug/L	90
54) o-Xylene	10.646	106	214451	54.613	ug/L	94
55) Styrene	10.659	104	368848	55.787	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	205308	59.460	ug/L	100
59) Bromoform	10.805	173	83211	50.986	ug/L	100
60) Isopropylbenzene	10.963	105	548565	51.639	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	168659	52.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	471591	51.998	ug/L	96
63) 1,2,4-Trimethylbenzene	11.756	105	477994	52.188	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	246582	53.396	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	250852	53.436	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	262212	54.907	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	52928	49.853	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	165767	51.186	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	152578	53.646	ug/L	98
71) Naphthalene	13.780	128	636166	54.035	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	159420	53.064	ug/L	98

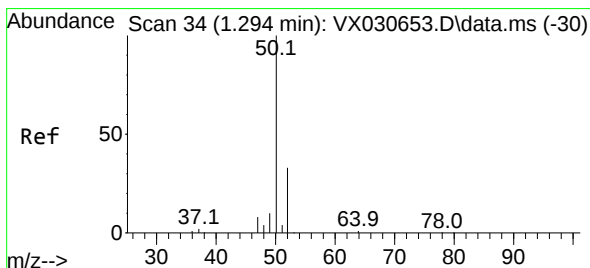
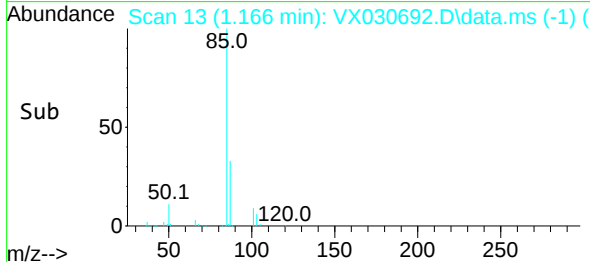
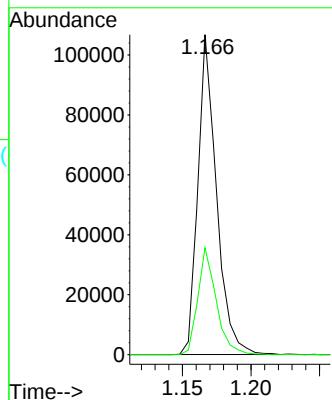
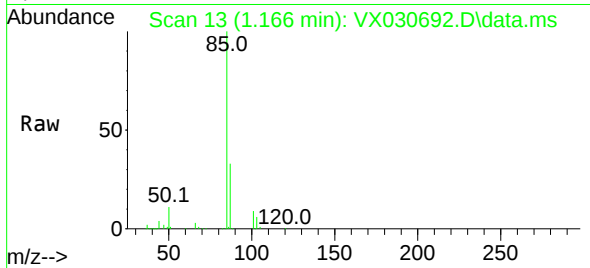
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 42.778 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030692.D
 Acq: 18 Aug 2022 17:58

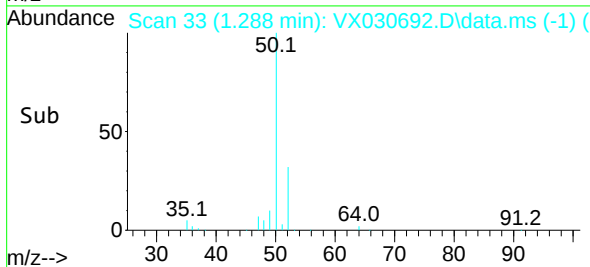
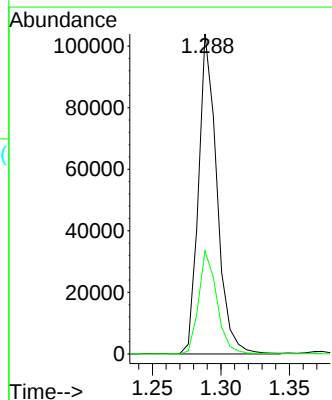
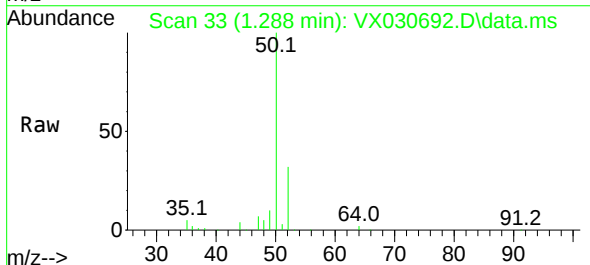
Instrument :
 MSVOA_X
 ClientSampleId :

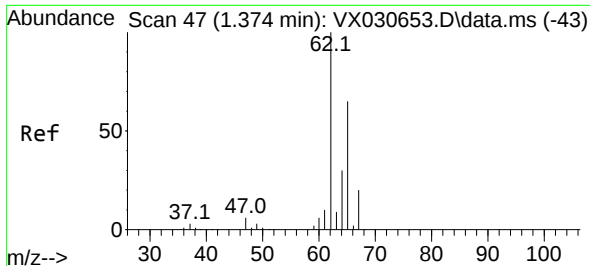
Tgt Ion: 85 Resp: 101007
 Ion Ratio Lower Upper
 85 100
 87 33.2 25.6 38.4



#3
 Chloromethane
 Concen: 47.783 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030692.D
 Acq: 18 Aug 2022 17:58

Tgt Ion: 50 Resp: 97014
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.3 43.3

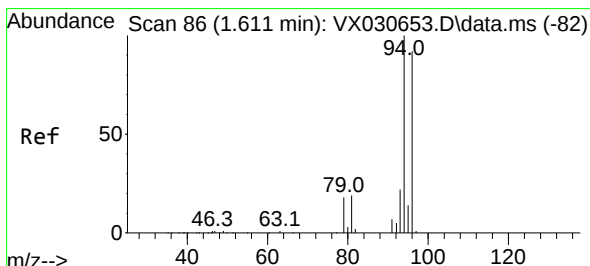
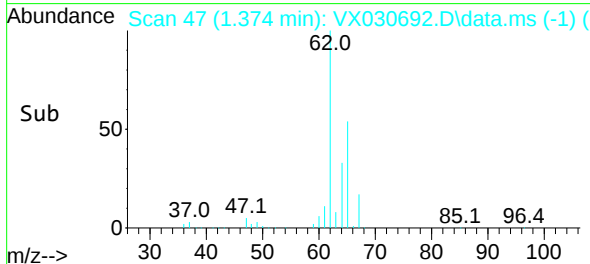
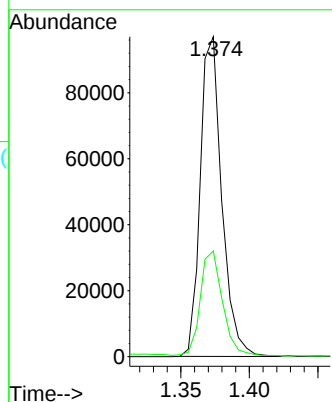
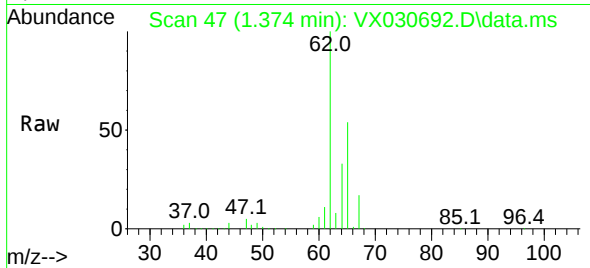




#5
 Vinyl chloride
 Concen: 48.873 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030692.D
 Acq: 18 Aug 2022 17:58

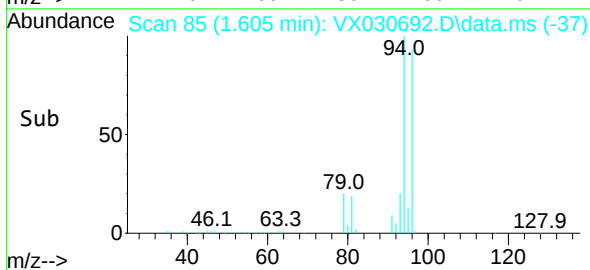
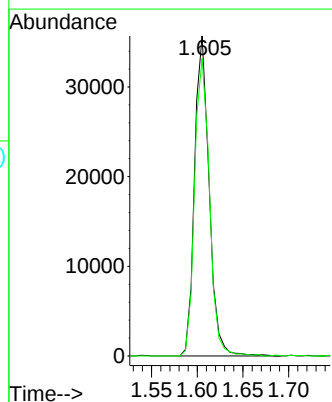
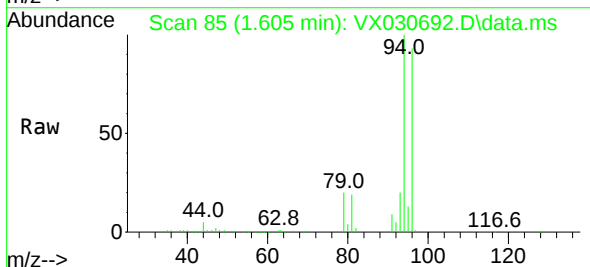
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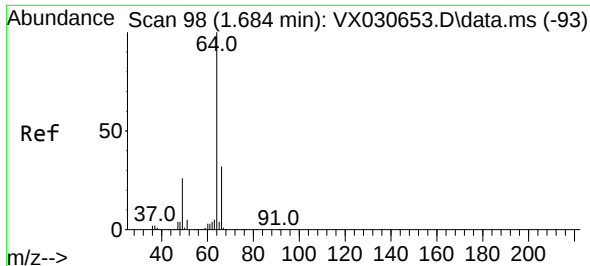
Tgt Ion: 62 Resp: 105988
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.8 44.2



#6
 Bromomethane
 Concen: 39.004 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030692.D
 Acq: 18 Aug 2022 17:58

Tgt Ion: 94 Resp: 39750
 Ion Ratio Lower Upper
 94 100
 96 93.0 63.8 118.6

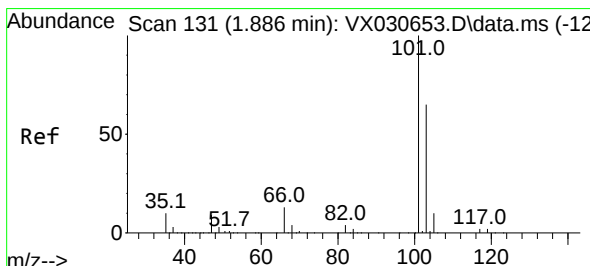
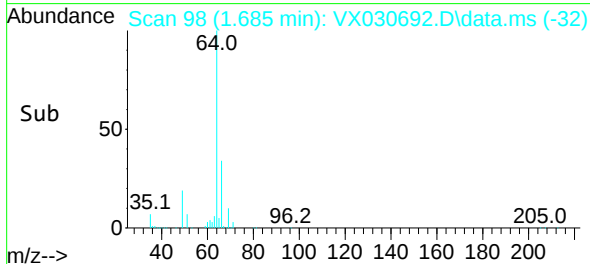
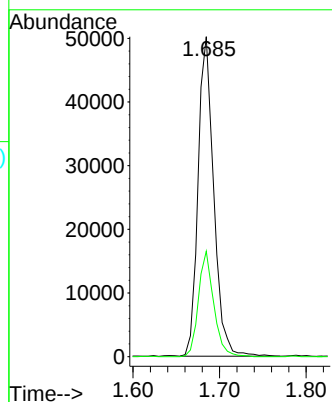
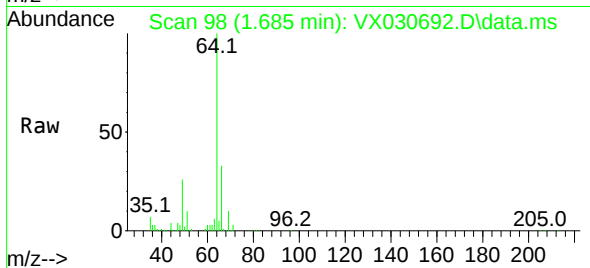




#8
Chloroethane
Concen: 51.003 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

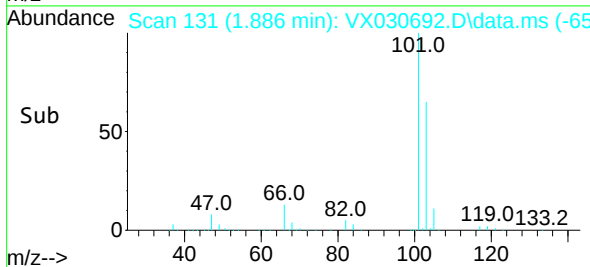
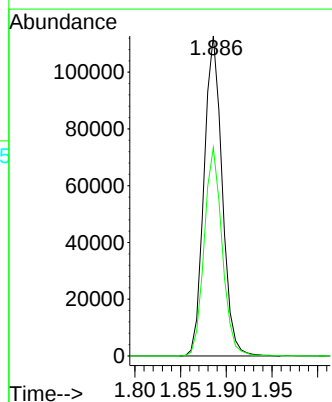
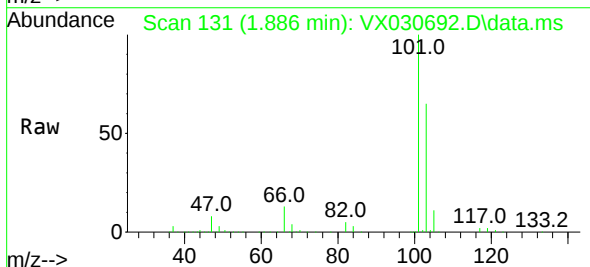
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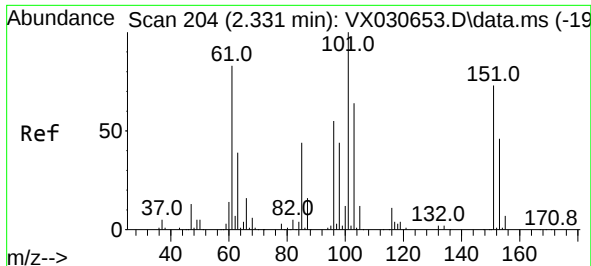
Tgt Ion: 64 Resp: 63004
Ion Ratio Lower Upper
64 100
66 33.0 22.1 41.1



#9
Trichlorofluoromethane
Concen: 48.321 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Tgt Ion: 101 Resp: 154873
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

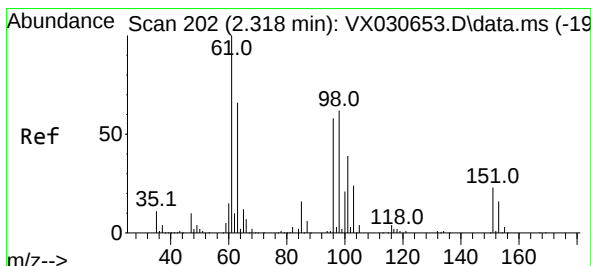
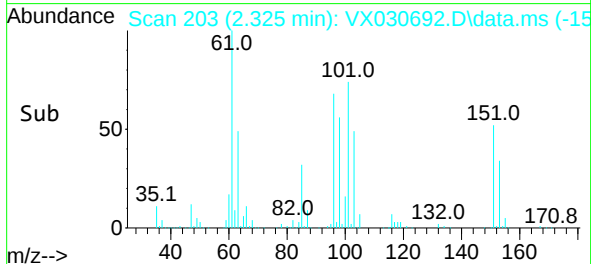
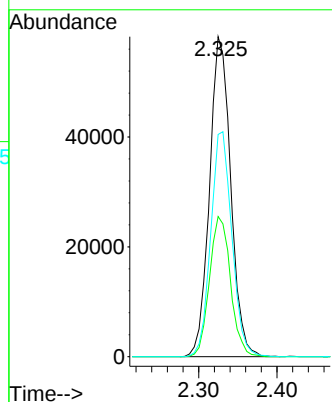
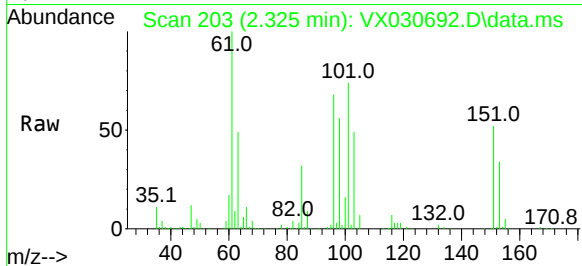




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 57.465 ug/L
 RT: 2.325 min Scan# 204
 Delta R.T. -0.006 min
 Lab File: VX030692.D
 Acq: 18 Aug 2022 17:58

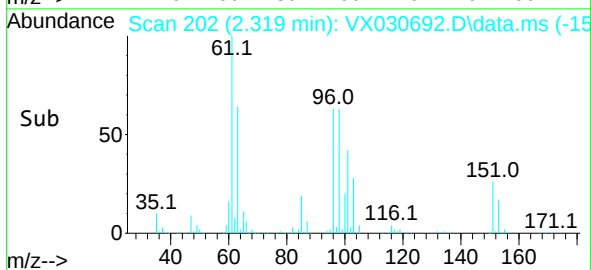
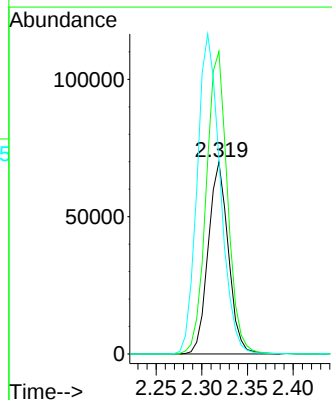
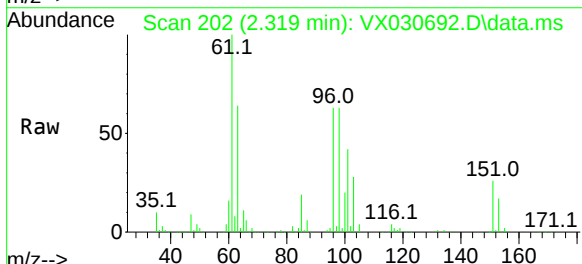
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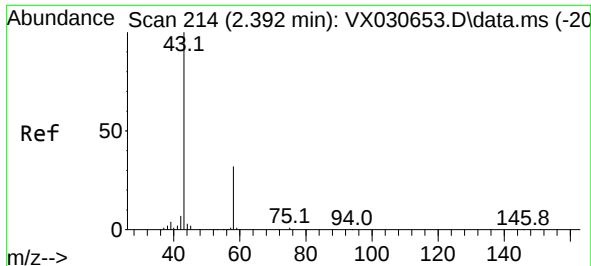
Tgt Ion:101 Resp: 109549
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.3 52.9
 151 70.2 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 60.816 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030692.D
 Acq: 18 Aug 2022 17:58

Tgt Ion: 96 Resp: 106811
 Ion Ratio Lower Upper
 96 100
 61 157.7 130.2 241.8
 63 101.7 113.5 210.9#





#13

Acetone

Concen: 89.737 ug/L

RT: 2.386 min Scan# 214

Delta R.T. -0.006 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

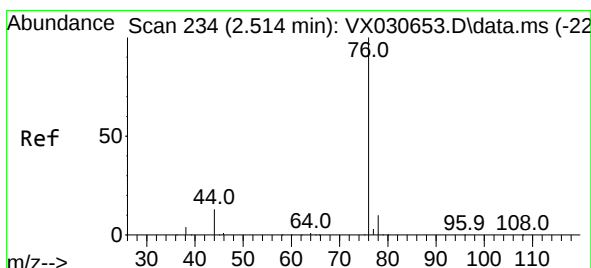
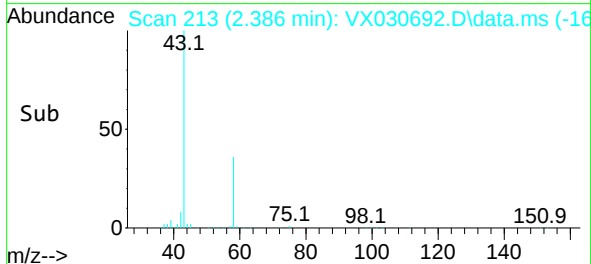
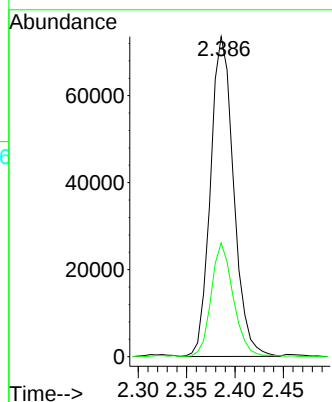
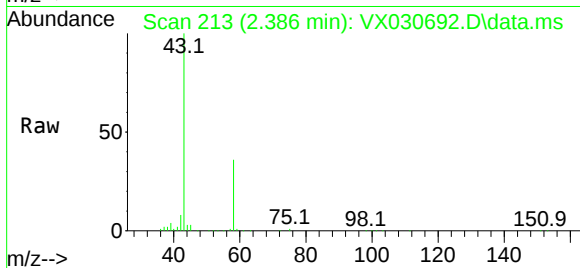
ClientSampleId :

Tgt Ion: 43 Resp: 122795

Ion Ratio Lower Upper

43 100

58 34.0 0.0 57.8



#14

Carbon disulfide

Concen: 40.176 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.006 min

Lab File: VX030692.D

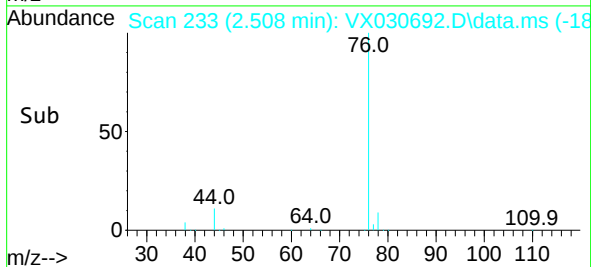
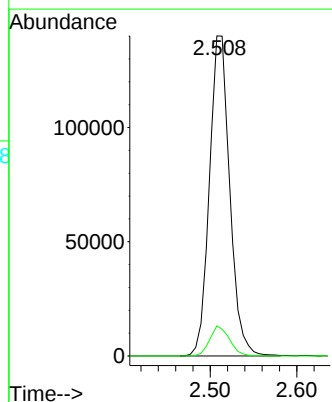
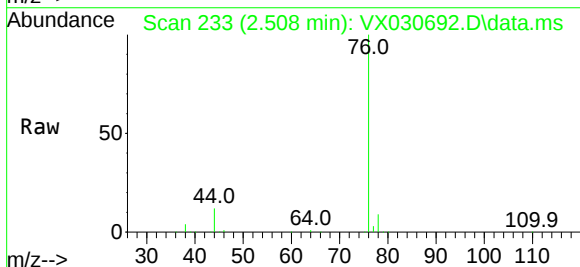
Acq: 18 Aug 2022 17:58

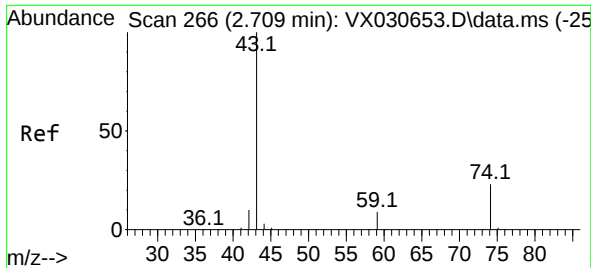
Tgt Ion: 76 Resp: 228698

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

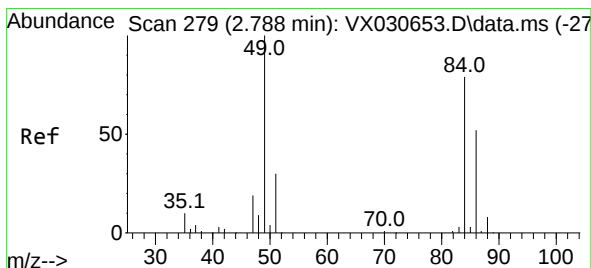
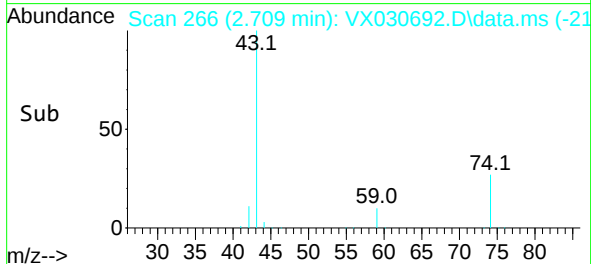
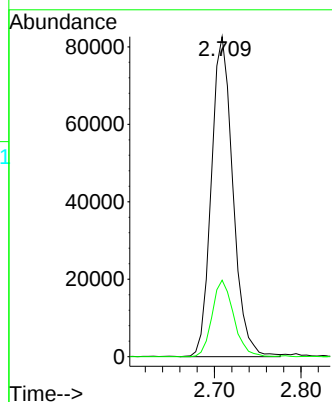
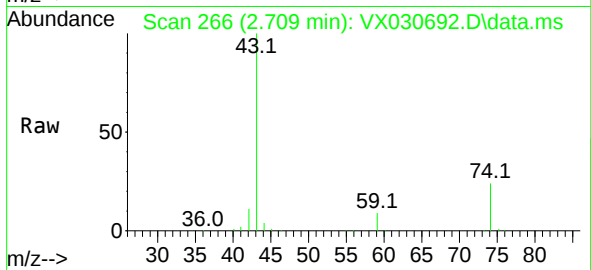




#15
Methyl Acetate
Concen: 50.532 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

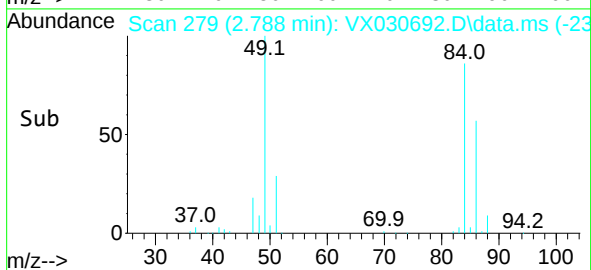
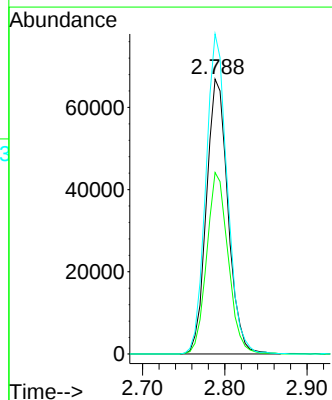
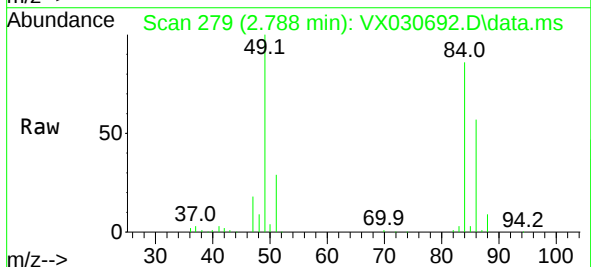
Instrument :
MSVOA_X
ClientSampleId :

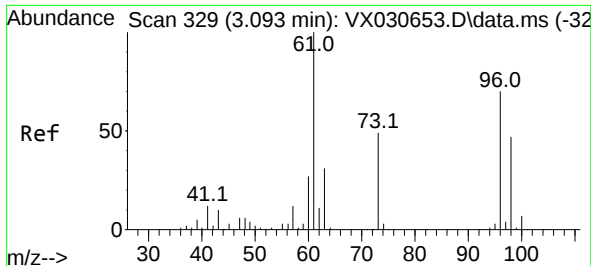
Tgt Ion: 43 Resp: 143125
Ion Ratio Lower Upper
43 100
74 23.8 17.2 25.8



#16
Methylene chloride
Concen: 54.672 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Tgt Ion: 84 Resp: 121755
Ion Ratio Lower Upper
84 100
86 66.0 44.2 82.2
49 116.4 89.0 165.2





#17

trans-1,2-Dichloroethene

Concen: 52.001 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

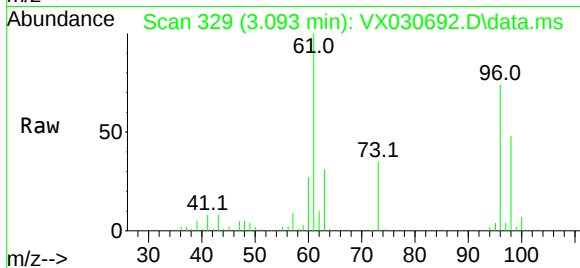
Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :



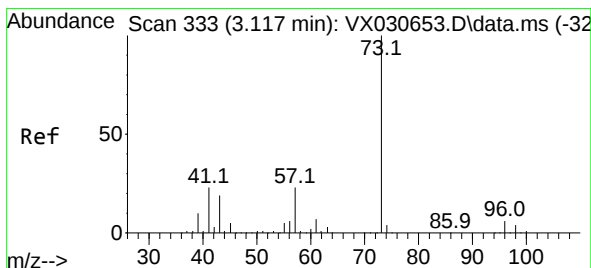
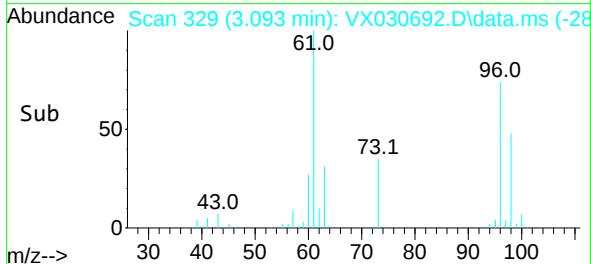
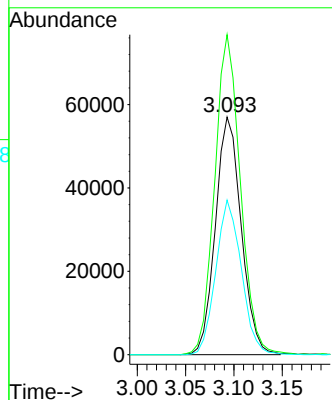
Tgt Ion: 96 Resp: 105807

Ion Ratio Lower Upper

96 100

61 134.7 103.7 192.5

98 65.1 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 52.941 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

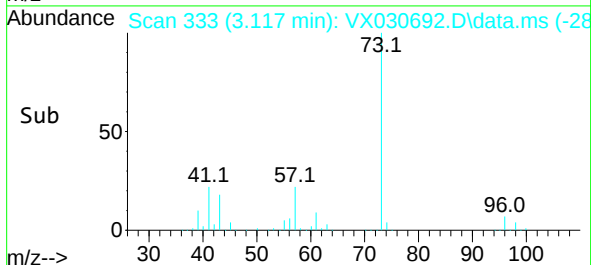
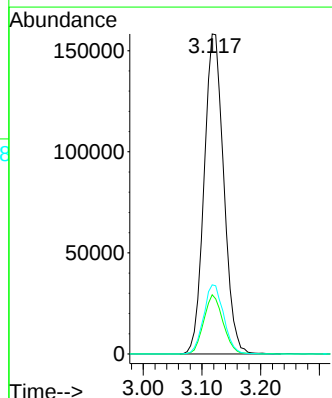
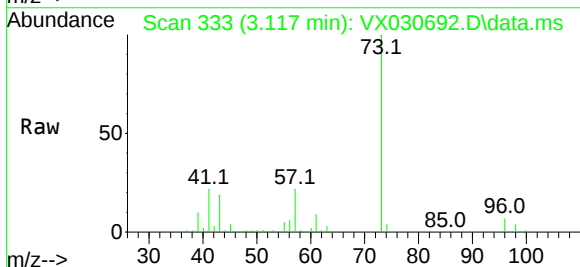
Tgt Ion: 73 Resp: 366327

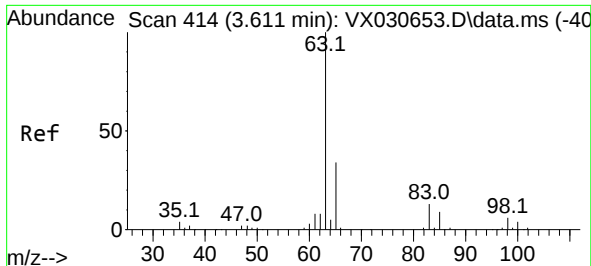
Ion Ratio Lower Upper

73 100

43 18.3 17.6 26.4

57 22.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 53.645 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

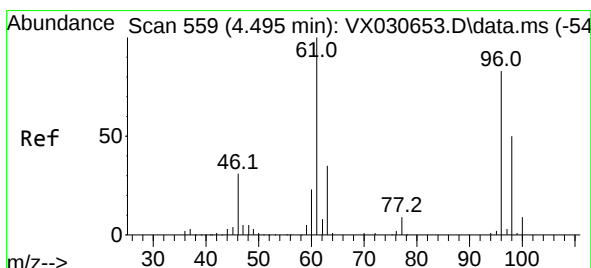
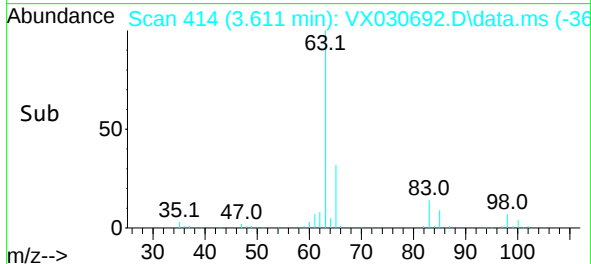
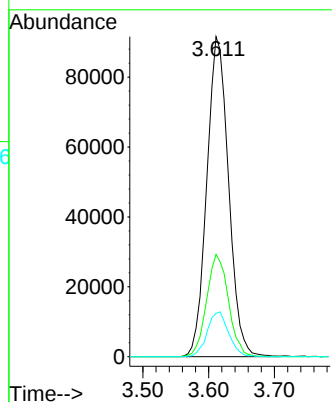
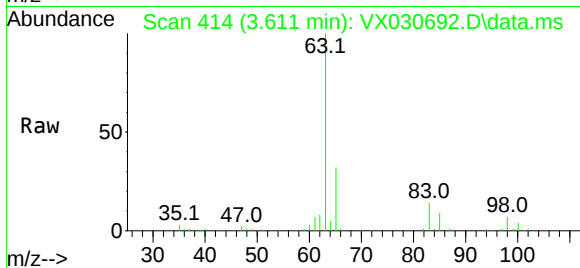
Tgt Ion: 63 Resp: 211113

Ion Ratio Lower Upper

63 100

65 31.9 22.0 40.8

83 13.6 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 57.523 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

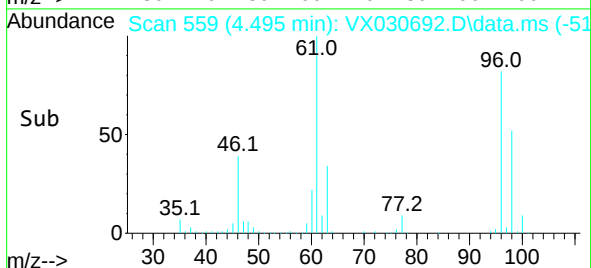
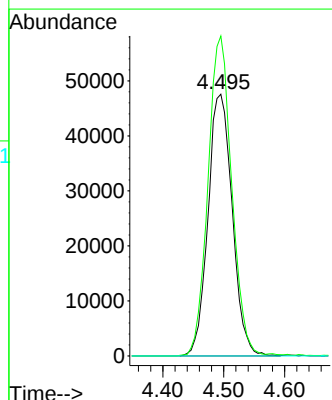
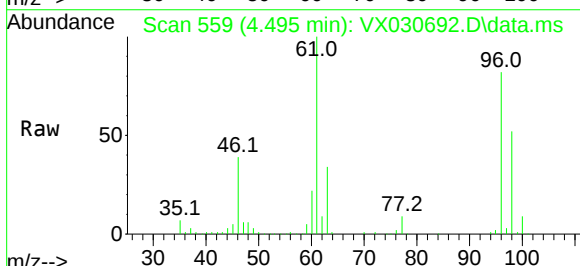
Tgt Ion: 96 Resp: 131664

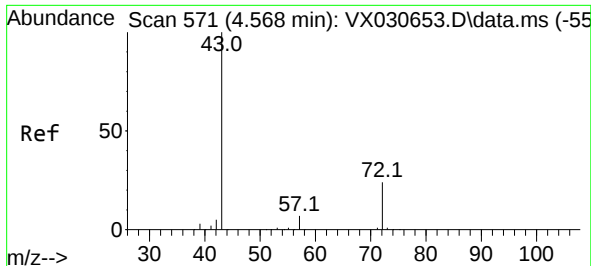
Ion Ratio Lower Upper

96 100

61 122.3 94.0 174.6

68 0.0 0.0 0.0

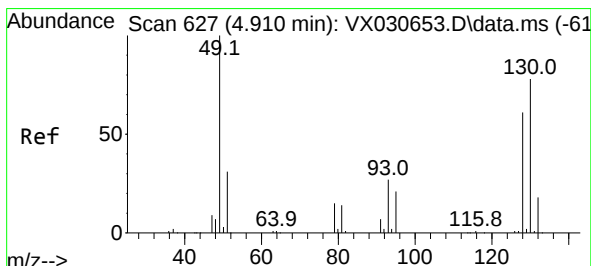
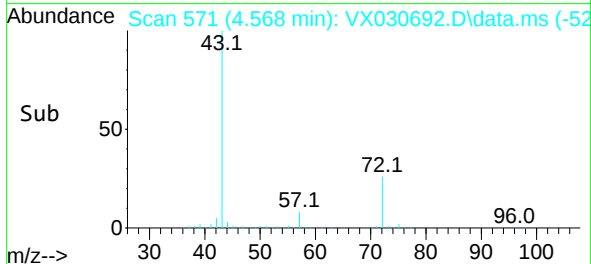
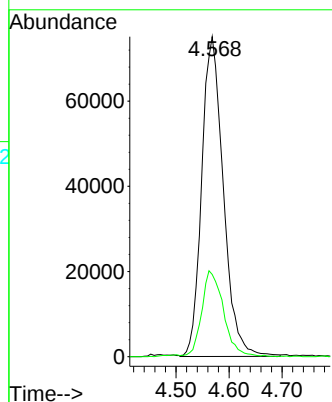
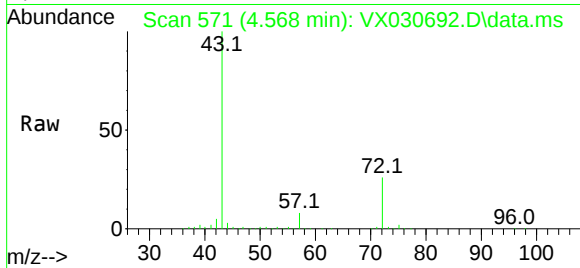




#22
2-Butanone
Concen: 98.708 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

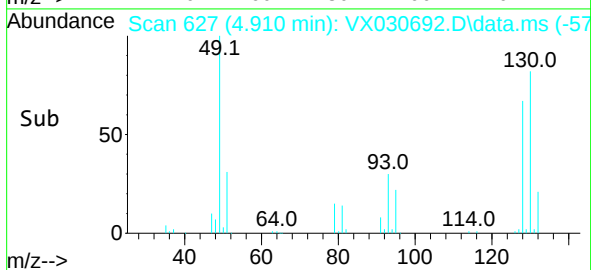
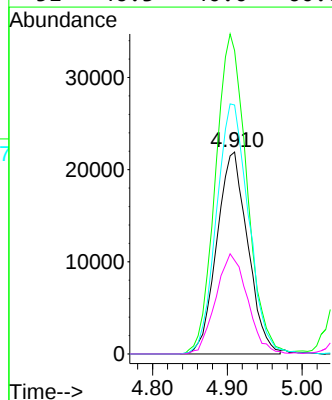
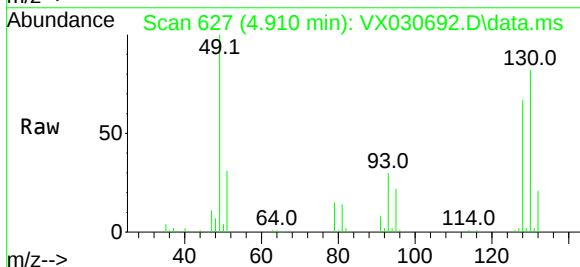
Instrument :
MSVOA_X
ClientSampleId :

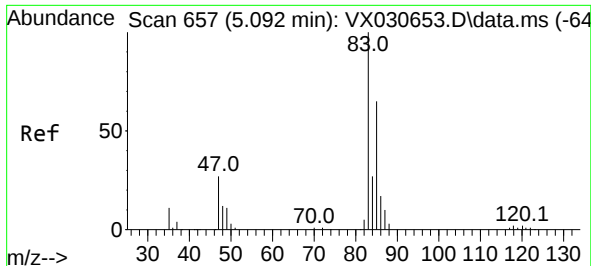
Tgt Ion: 43 Resp: 213077
Ion Ratio Lower Upper
43 100
72 27.0 11.7 35.1



#23
Bromochloromethane
Concen: 54.921 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Tgt Ion: 128 Resp: 63040
Ion Ratio Lower Upper
128 100
49 150.2 116.8 216.8
130 123.3 90.3 167.7
51 46.3 40.0 60.0





#25

Chloroform

Concen: 54.495 ug/L

RT: 5.105 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

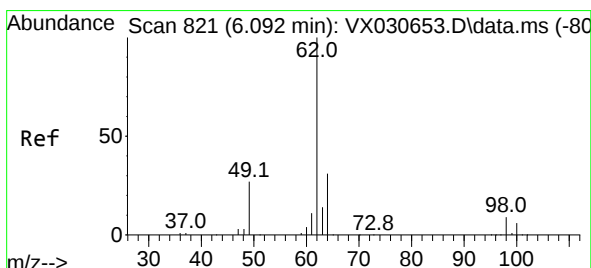
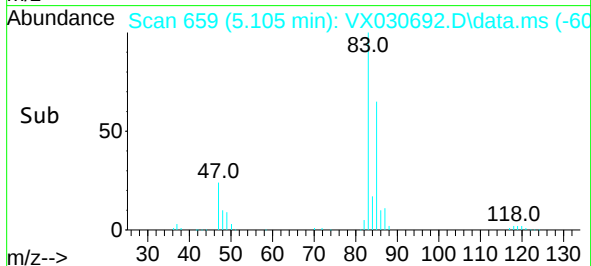
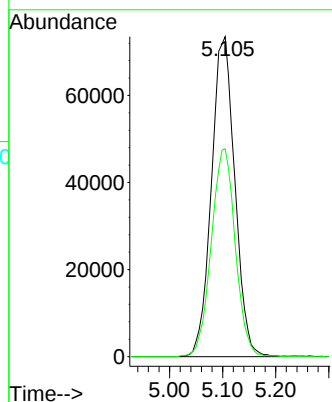
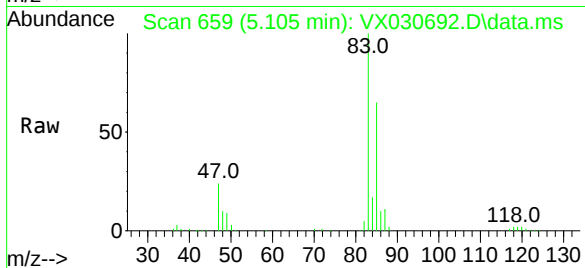
ClientSampleId :

Tgt Ion: 83 Resp: 225330

Ion Ratio Lower Upper

83 100

85 65.0 45.6 84.6



#27

1,2-Dichloroethane

Concen: 46.338 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030692.D

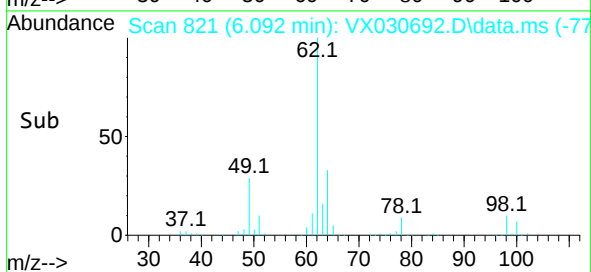
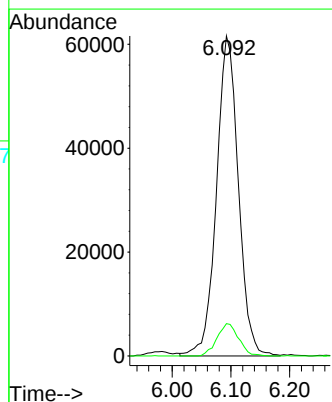
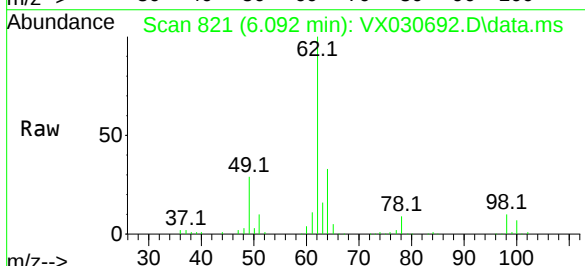
Acq: 18 Aug 2022 17:58

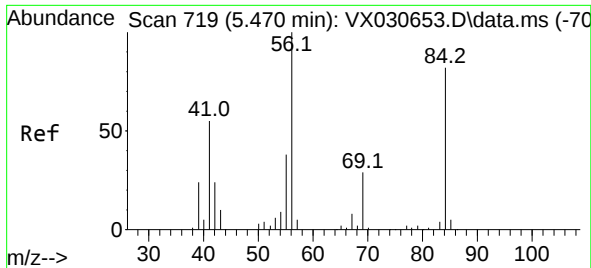
Tgt Ion: 62 Resp: 159470

Ion Ratio Lower Upper

62 100

98 10.1 7.0 10.6

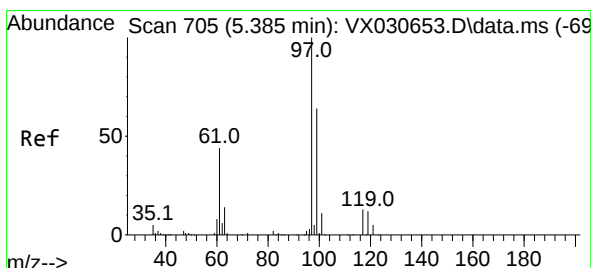
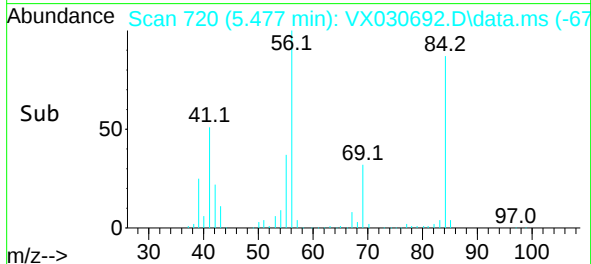
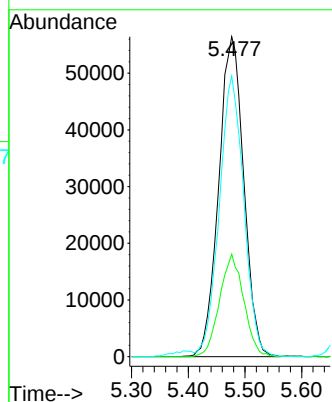
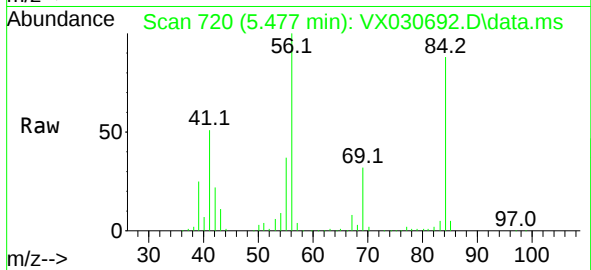




#29
Cyclohexane
Concen: 45.463 ug/L
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

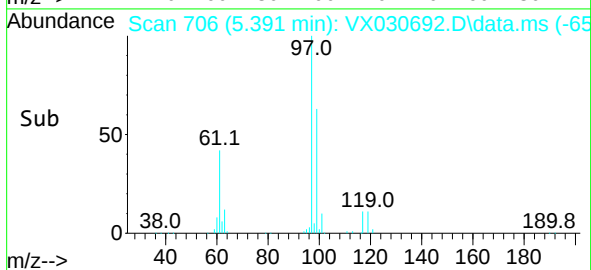
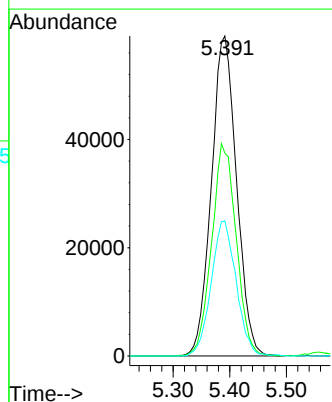
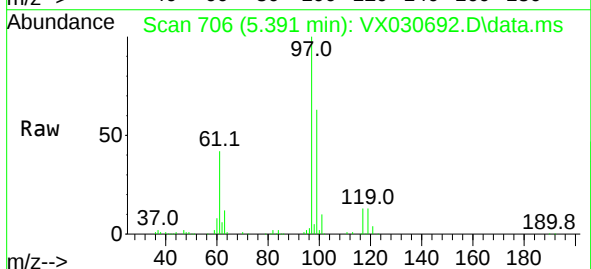
Instrument :
MSVOA_X
ClientSampleId :

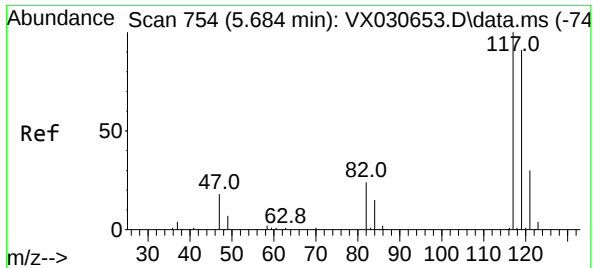
Tgt Ion: 56 Resp: 173025
Ion Ratio Lower Upper
56 100
69 30.8 24.3 36.5
84 85.4 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 48.351 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

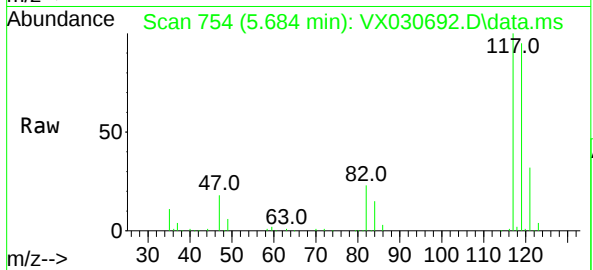
Tgt Ion: 97 Resp: 182583
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 41.7 37.0 55.6



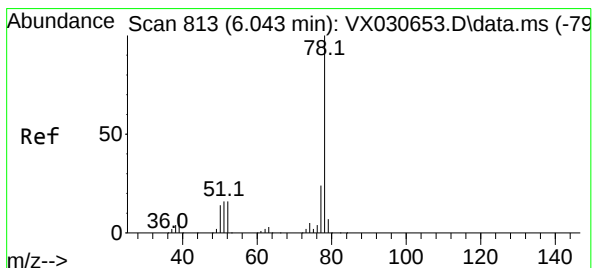
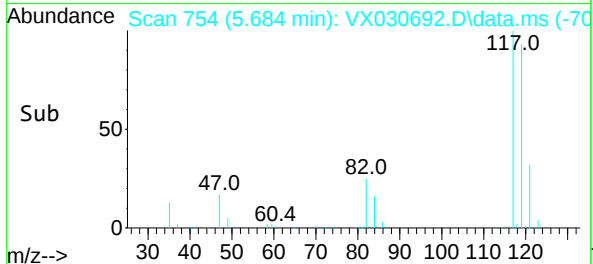
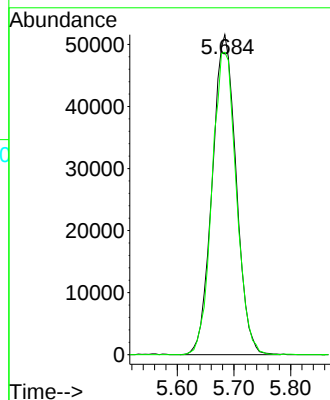


#31
Carbon tetrachloride
Concen: 48.382 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :

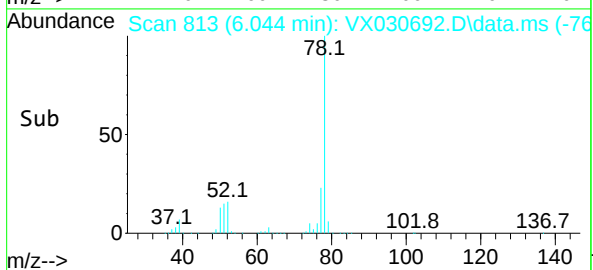
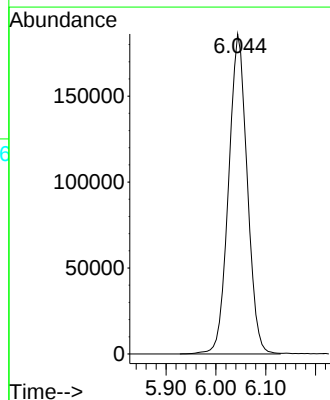
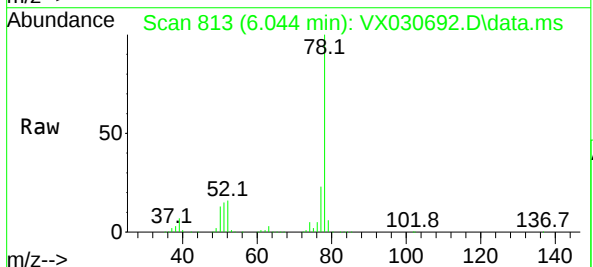


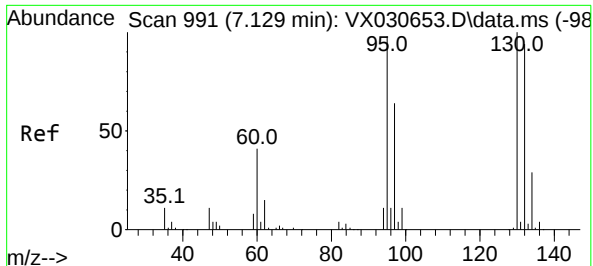
Tgt Ion:117 Resp: 150790
Ion Ratio Lower Upper
117 100
119 96.2 76.2 114.2



#33
Benzene
Concen: 52.605 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

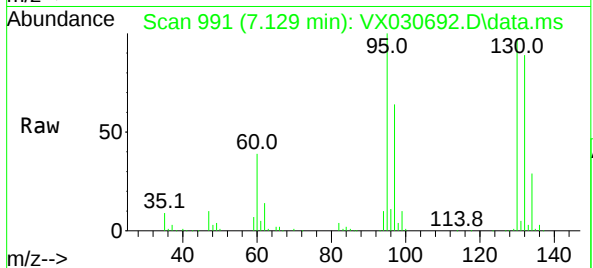
Tgt Ion: 78 Resp: 482842



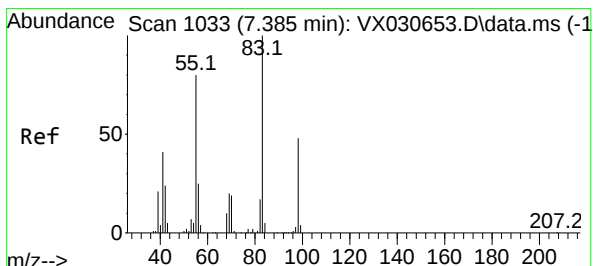
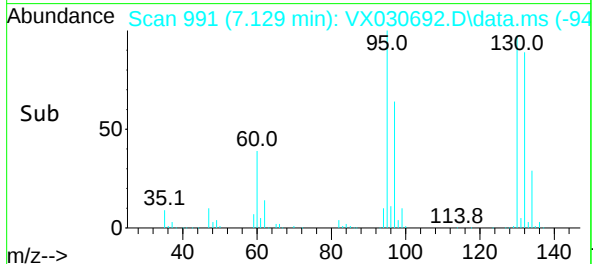
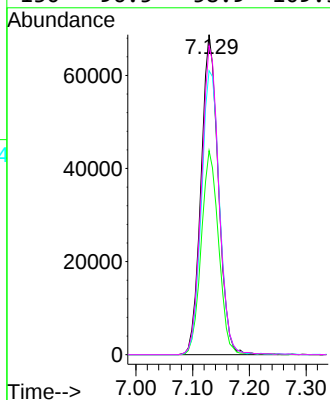


#34
Trichloroethene
Concen: 54.847 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :

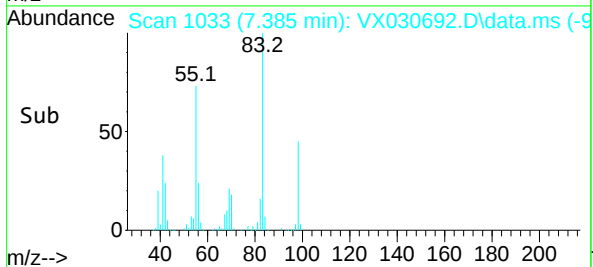
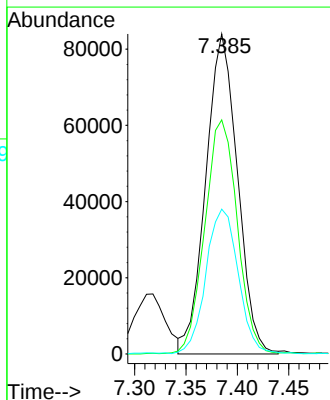
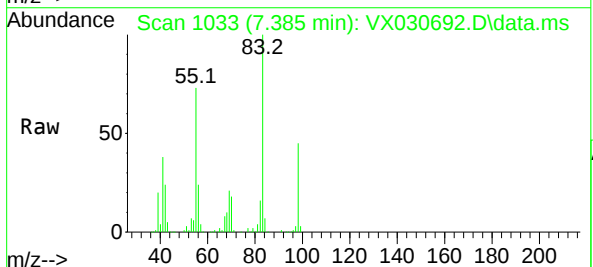


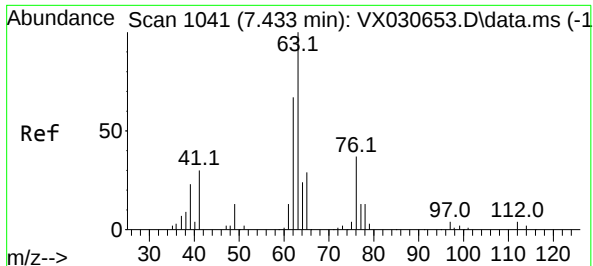
Tgt Ion: 95 Resp: 145807
Ion Ratio Lower Upper
95 100
97 63.7 40.2 74.6
132 88.7 55.3 102.7
130 96.5 58.9 109.5



#35
Methylcyclohexane
Concen: 46.556 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Tgt Ion: 83 Resp: 180173
Ion Ratio Lower Upper
83 100
55 75.0 64.0 96.0
98 46.3 36.7 55.1





#37

1,2-Dichloropropane

Concen: 53.607 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

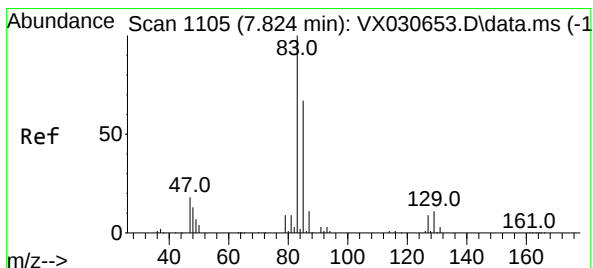
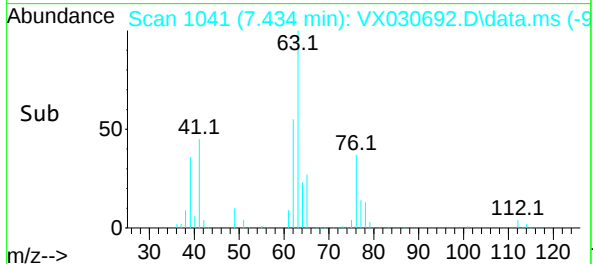
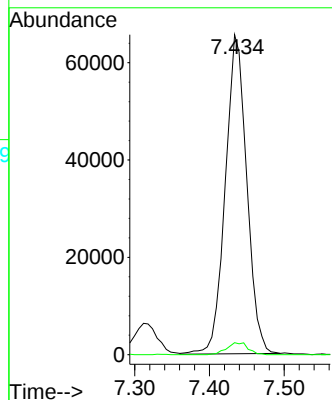
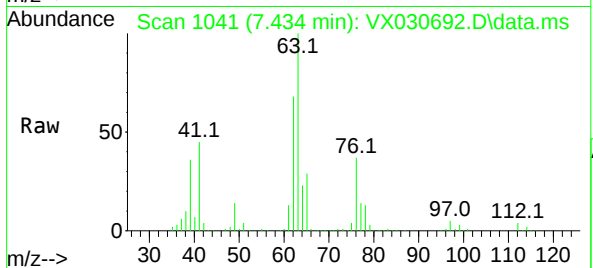
ClientSampleId :

Tgt Ion: 63 Resp: 130828

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 50.991 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

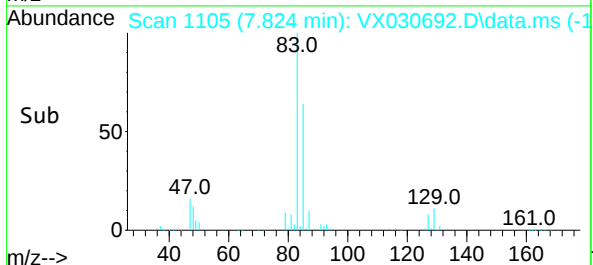
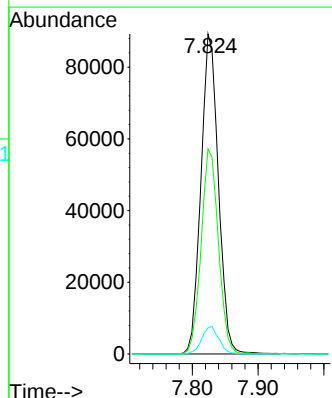
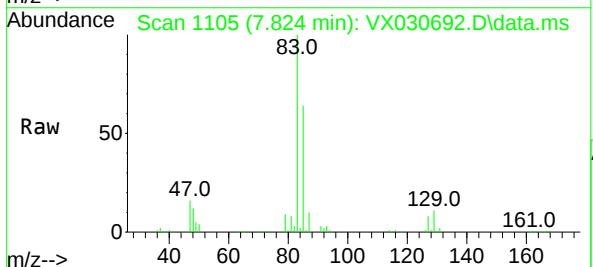
Tgt Ion: 83 Resp: 164698

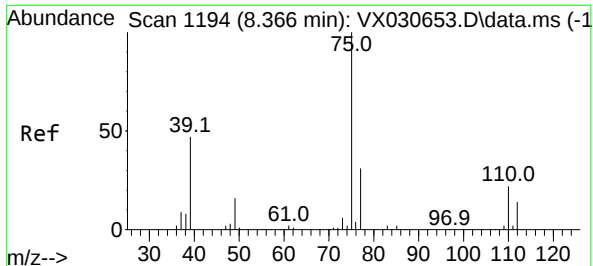
Ion Ratio Lower Upper

83 100

85 64.0 42.5 78.9

127 8.2 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.598 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

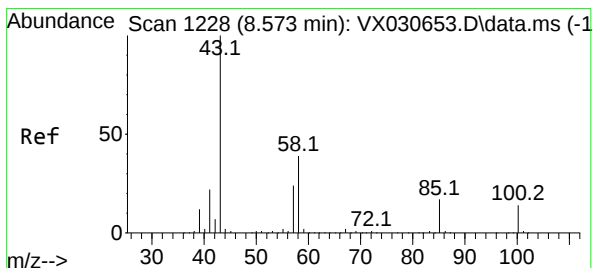
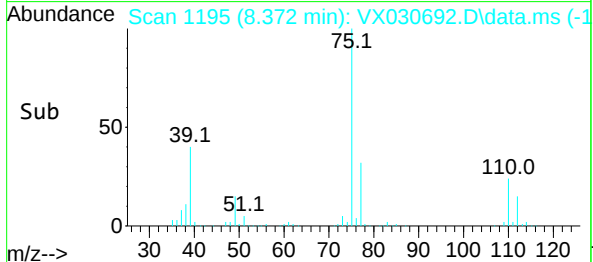
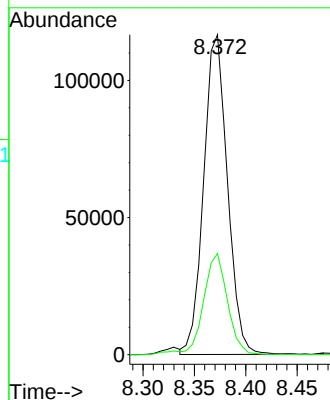
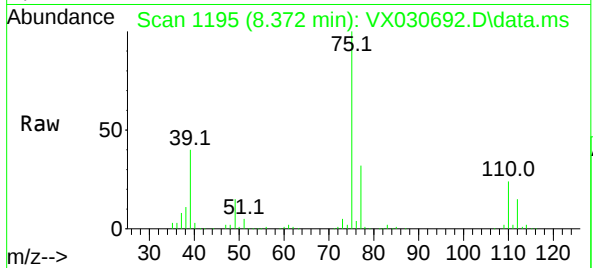
ClientSampleId :

Tgt Ion: 75 Resp: 187846

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 94.214 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

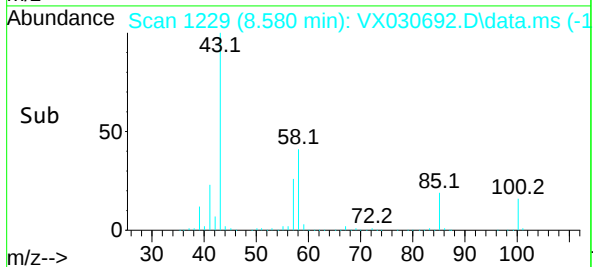
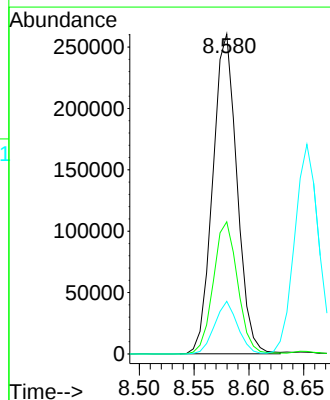
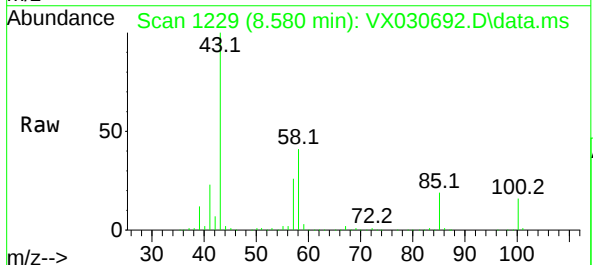
Tgt Ion: 43 Resp: 400406

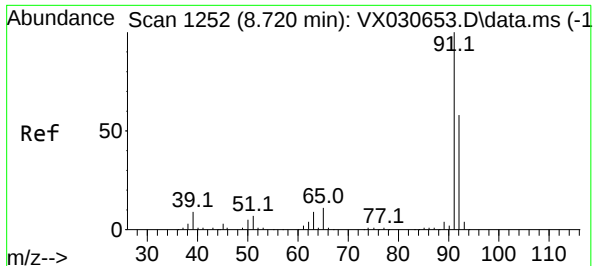
Ion Ratio Lower Upper

43 100

58 41.6 29.0 43.6

100 15.7 10.5 15.7

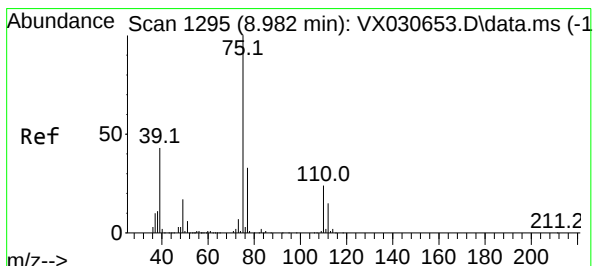
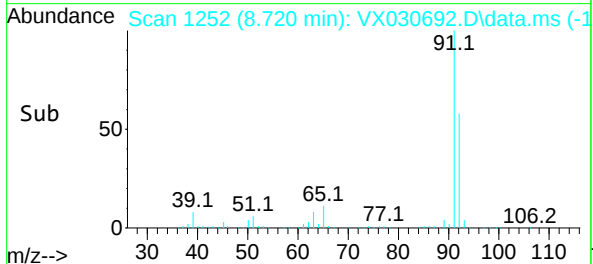
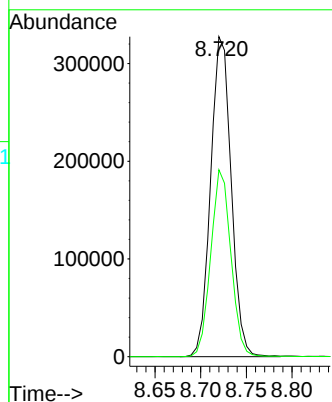
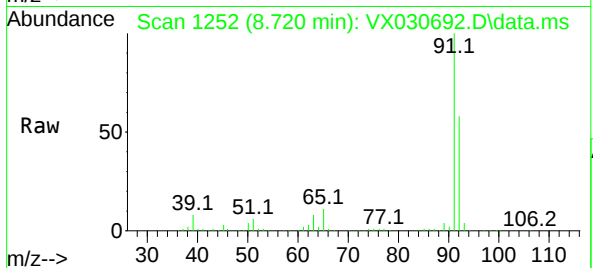




#42
Toluene
Concen: 52.853 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

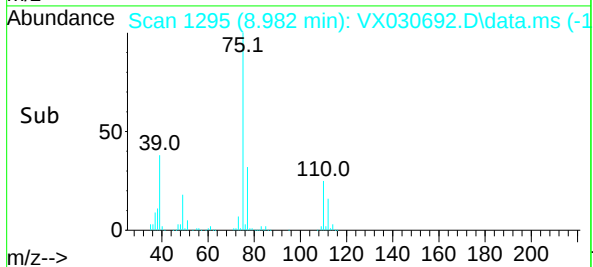
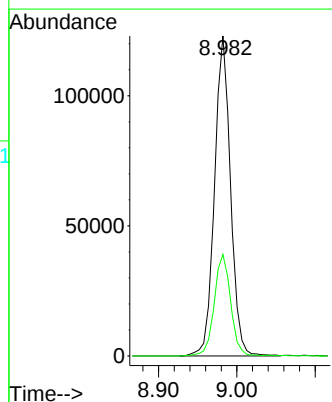
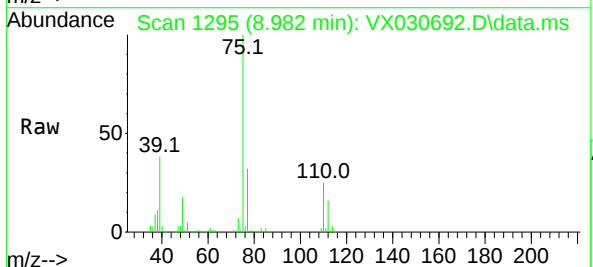
Instrument :
MSVOA_X
ClientSampleId :

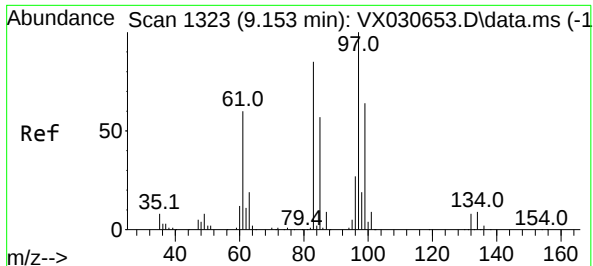
Tgt Ion: 91 Resp: 512485
Ion Ratio Lower Upper
91 100
92 58.4 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 49.010 ug/L
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Tgt Ion: 75 Resp: 174635
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 57.866 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 131314

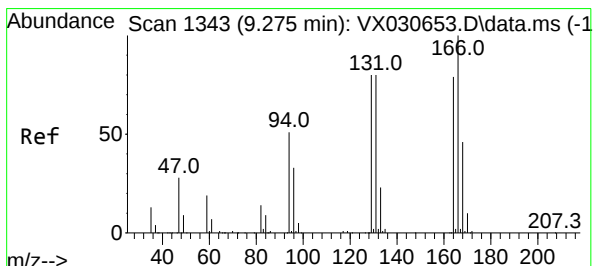
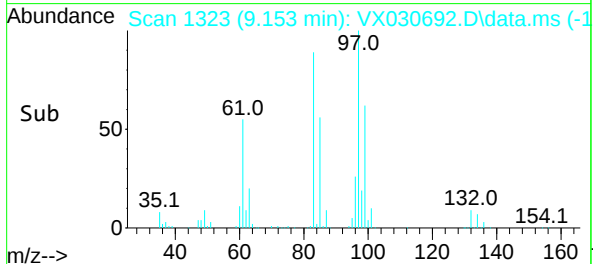
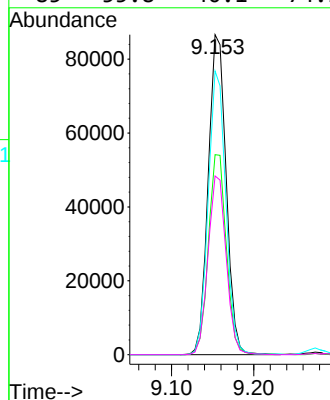
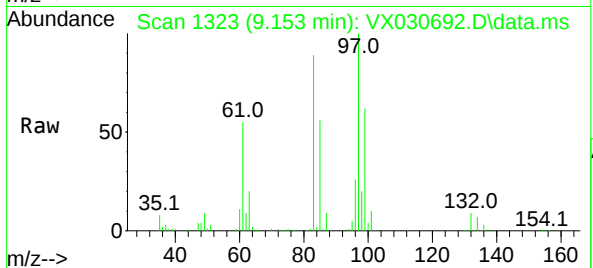
Ion Ratio Lower Upper

97 100

99 62.5 43.3 80.3

83 88.6 63.0 117.0

85 55.8 40.1 74.5



#46

Tetrachloroethene

Concen: 56.851 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Tgt Ion:164 Resp: 95515

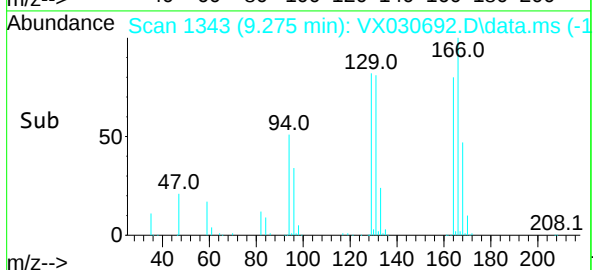
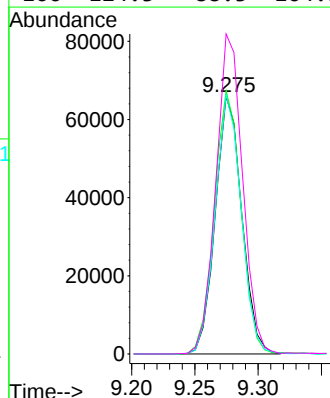
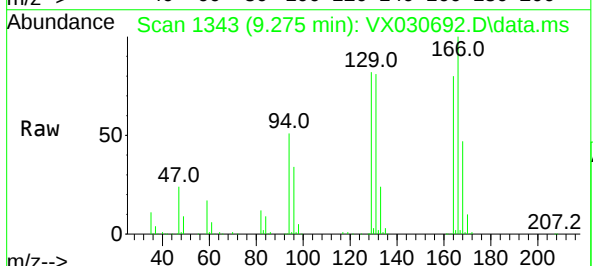
Ion Ratio Lower Upper

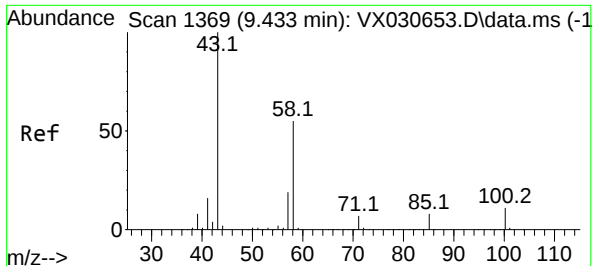
164 100

129 102.2 72.7 135.1

131 100.6 69.9 129.9

166 124.3 88.3 164.1





#48

2-Hexanone

Concen: 93.998 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

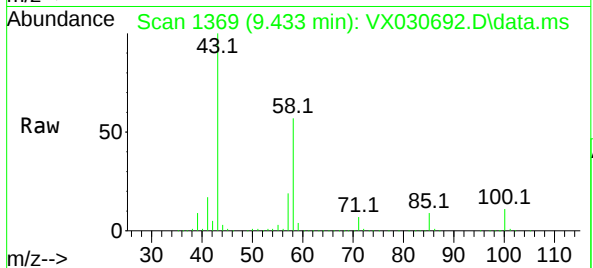
Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 310392

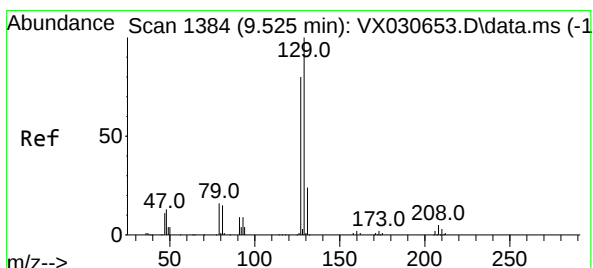
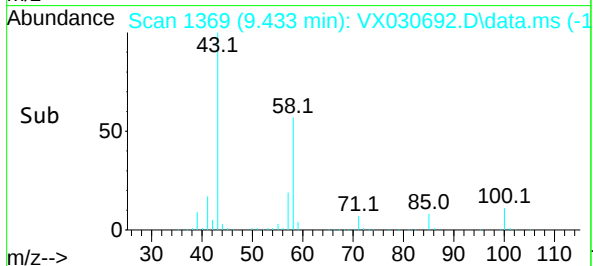
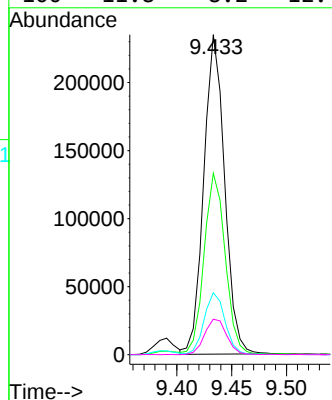
Ion Ratio Lower Upper

43 100

58 57.8 40.4 60.6

57 19.4 14.6 22.0

100 11.8 8.2 12.4



#49

Dibromochloromethane

Concen: 53.748 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX030692.D

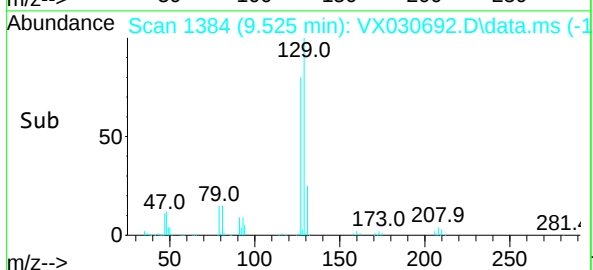
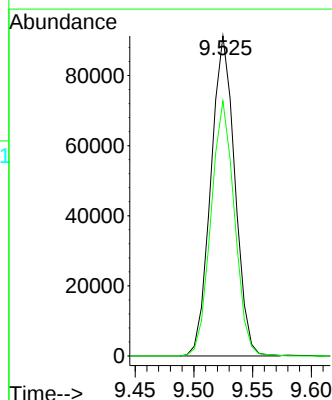
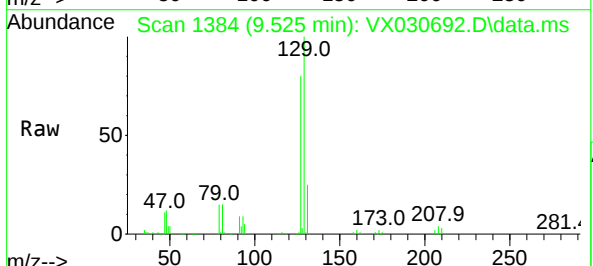
Acq: 18 Aug 2022 17:58

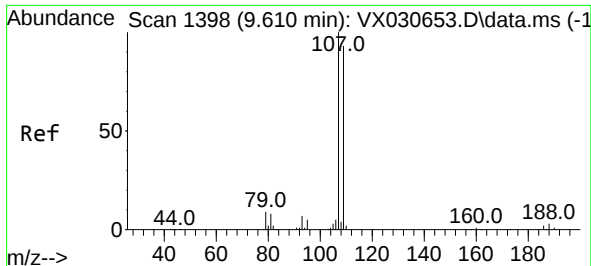
Tgt Ion: 129 Resp: 129761

Ion Ratio Lower Upper

129 100

127 79.7 55.6 103.2





#50

1,2-Dibromoethane

Concen: 52.745 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

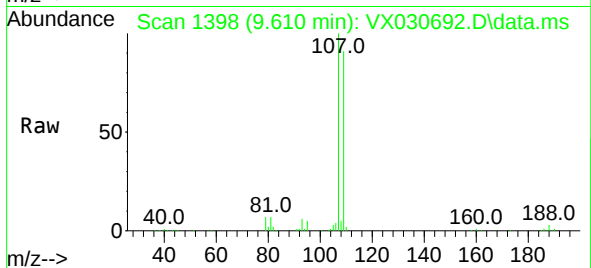
Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :



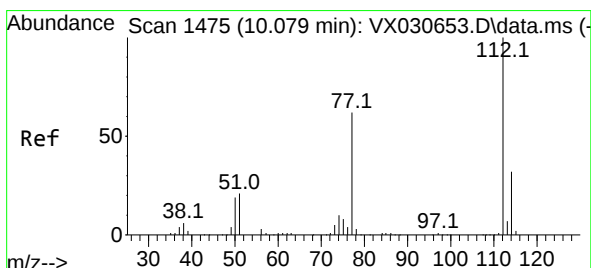
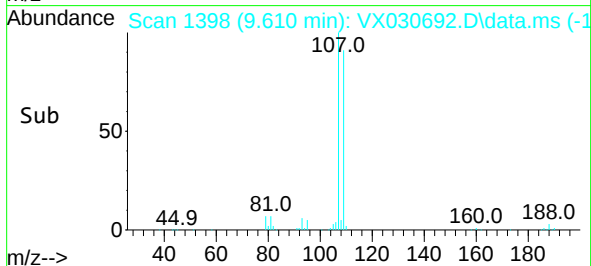
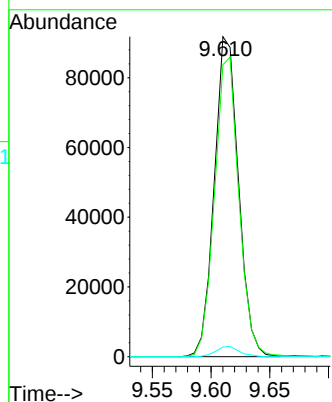
Tgt Ion:107 Resp: 131629

Ion Ratio Lower Upper

107 100

109 91.2 64.8 120.4

188 3.0 2.2 3.2



#51

Chlorobenzene

Concen: 54.595 ug/L

RT: 10.086 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

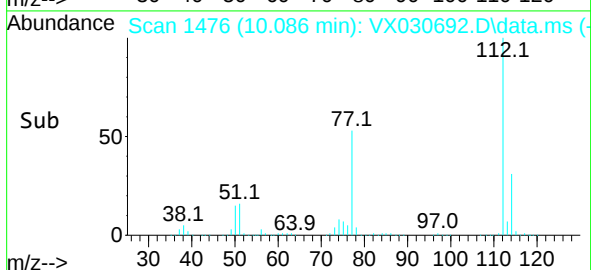
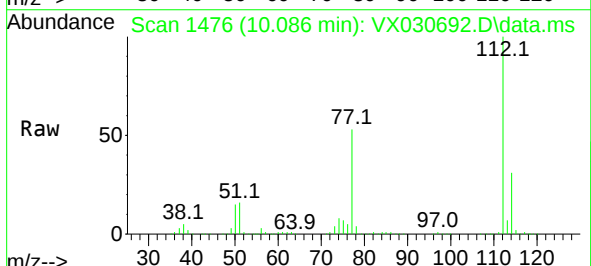
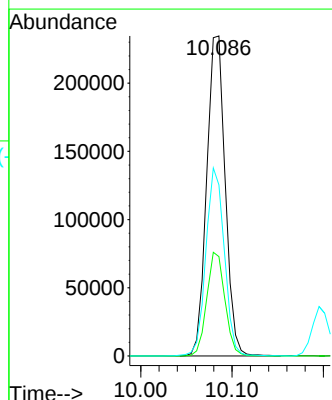
Tgt Ion:112 Resp: 329804

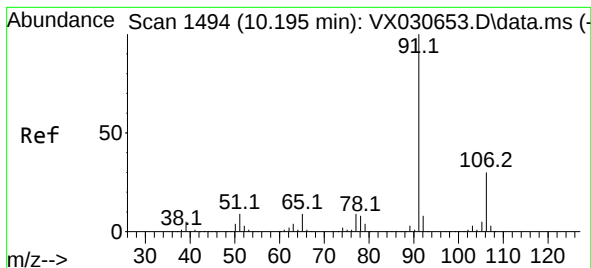
Ion Ratio Lower Upper

112 100

114 31.0 22.3 41.5

77 53.5 50.8 76.2





#52

Ethylbenzene

Concen: 52.857 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

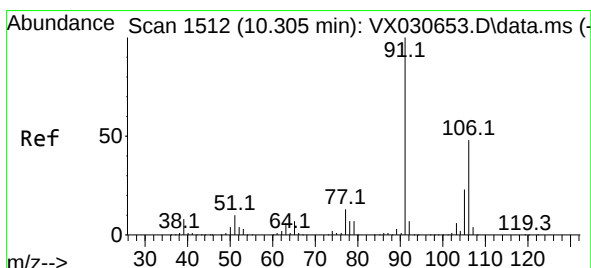
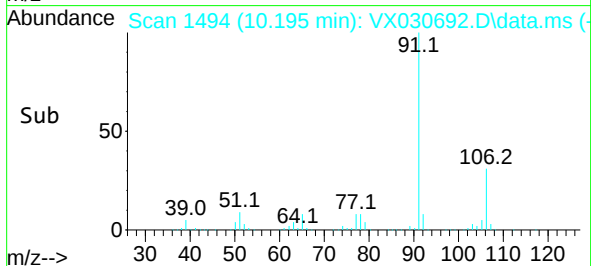
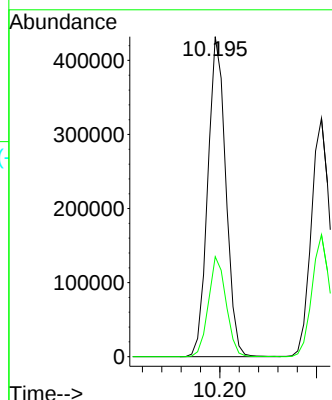
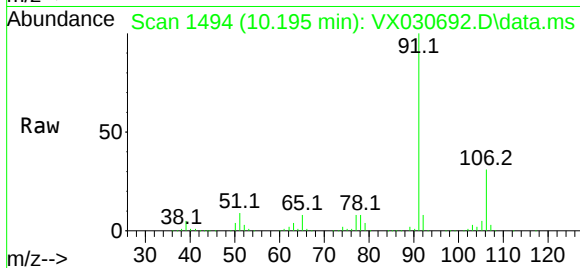
ClientSampleId :

Tgt Ion: 91 Resp: 558830

Ion Ratio Lower Upper

91 100

106 31.3 21.3 39.5



#53

m,p-Xylene

Concen: 53.720 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030692.D

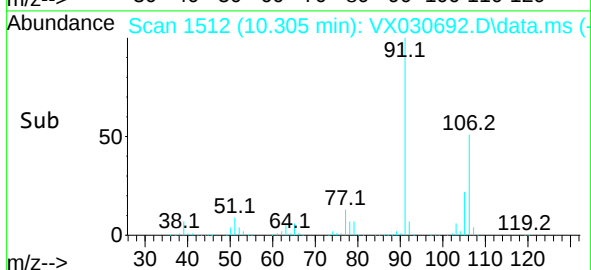
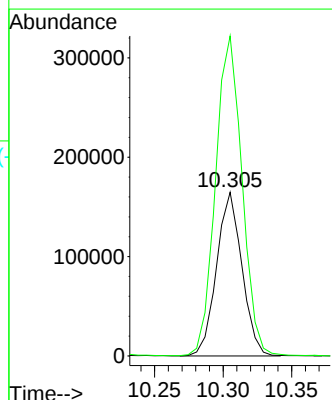
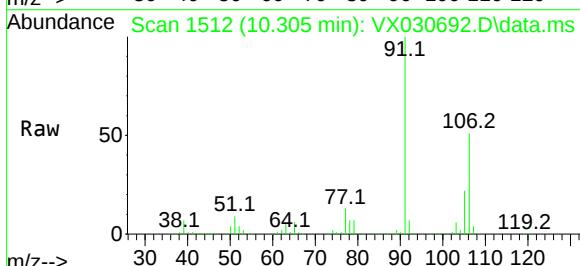
Acq: 18 Aug 2022 17:58

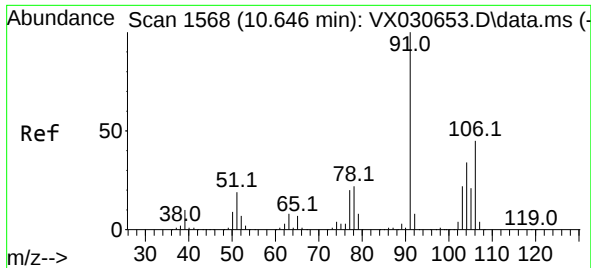
Tgt Ion: 106 Resp: 211694

Ion Ratio Lower Upper

106 100

91 195.5 147.8 274.6

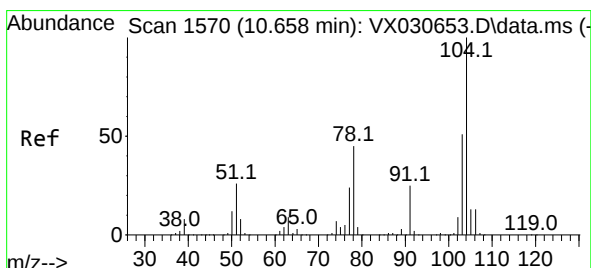
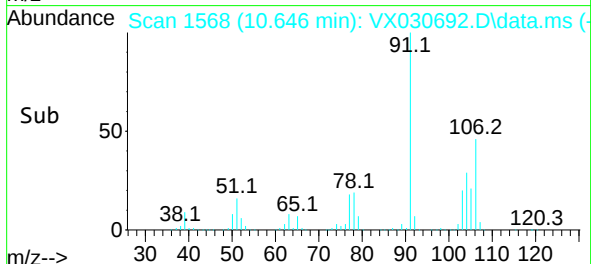
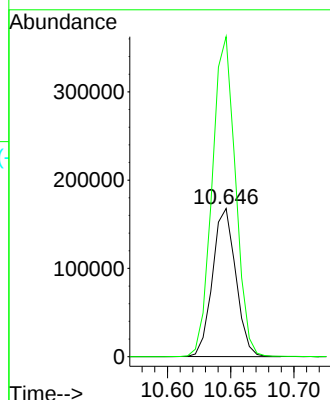
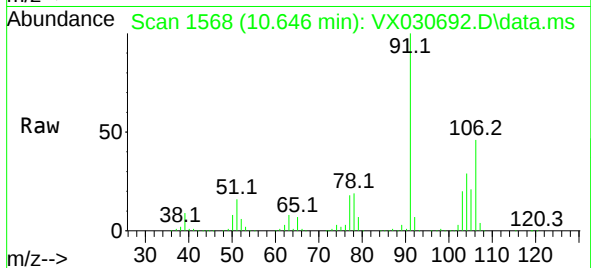




#54
o-Xylene
Concen: 54.613 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

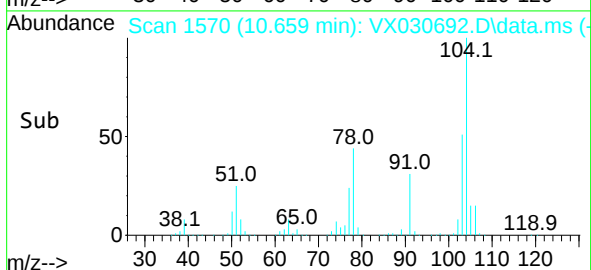
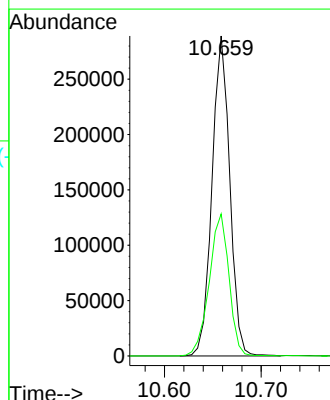
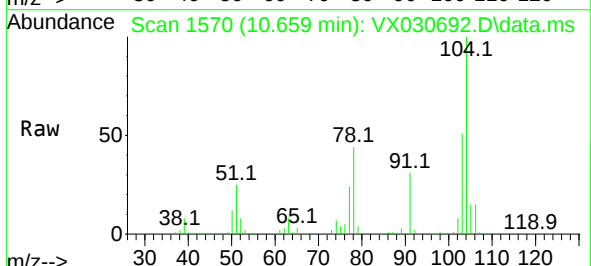
Instrument :
MSVOA_X
ClientSampleId :

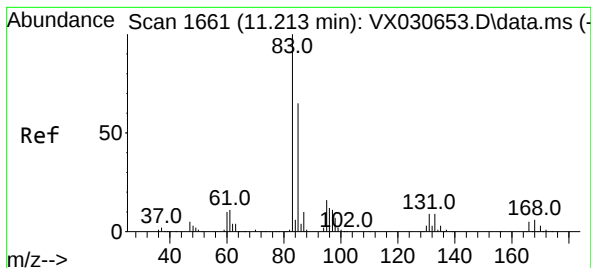
Tgt Ion:106 Resp: 214451
Ion Ratio Lower Upper
106 100
91 215.9 157.8 293.0



#55
Styrene
Concen: 55.787 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Tgt Ion:104 Resp: 368848
Ion Ratio Lower Upper
104 100
78 44.4 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 59.460 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

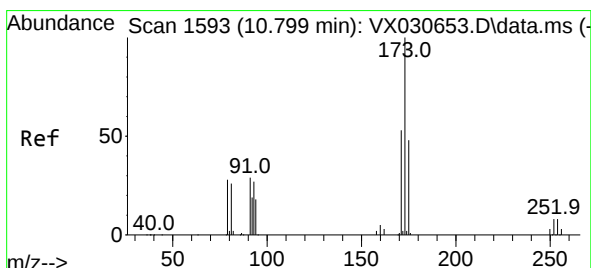
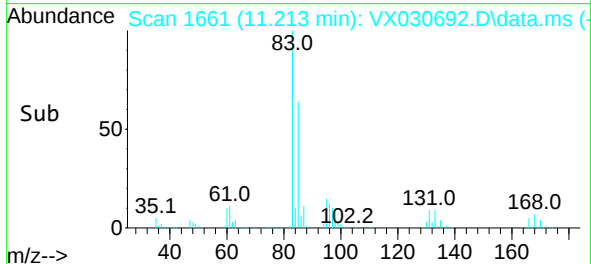
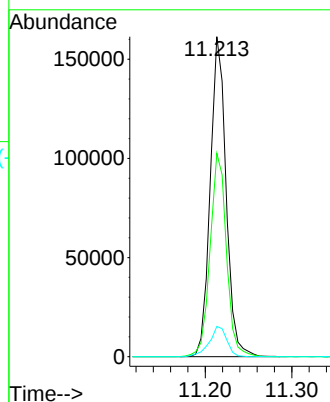
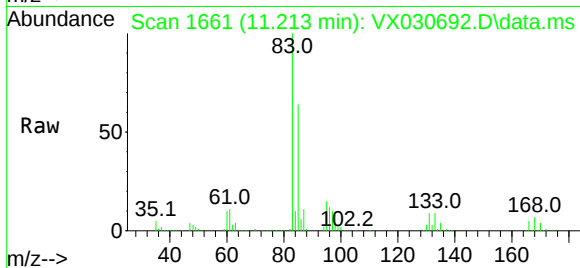
Tgt Ion: 83 Resp: 205308

Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.4

131 9.5 7.5 11.3



#59

Bromoform

Concen: 50.986 ug/L

RT: 10.805 min Scan# 1594

Delta R.T. 0.006 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

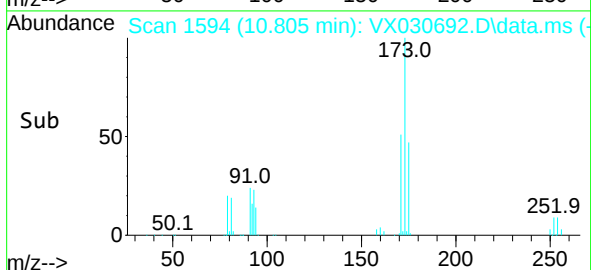
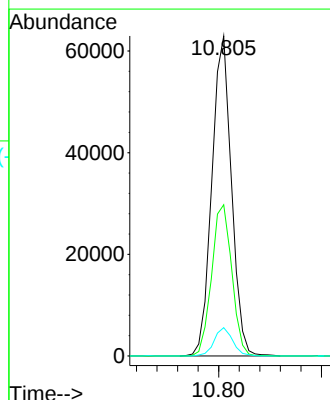
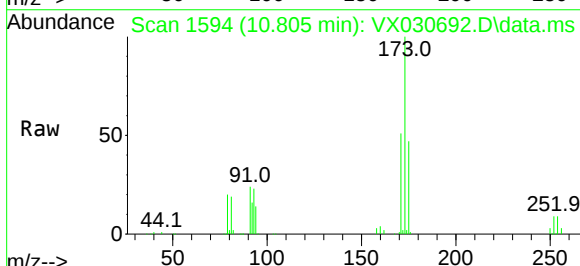
Tgt Ion:173 Resp: 83211

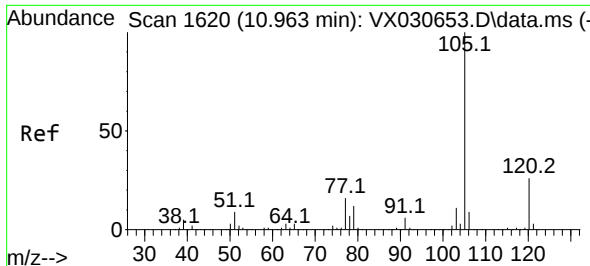
Ion Ratio Lower Upper

173 100

175 48.5 38.9 58.3

254 8.4 7.0 10.4

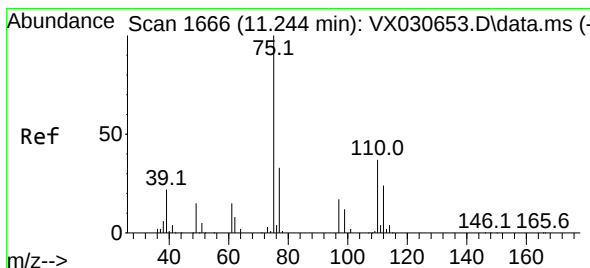
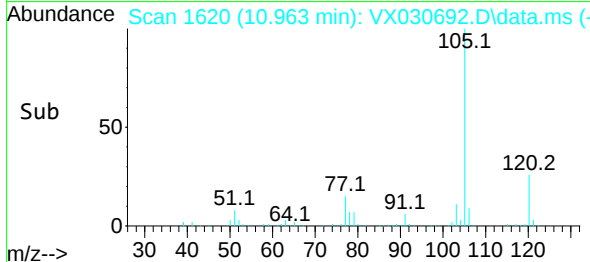
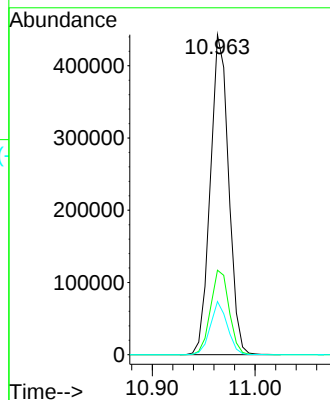
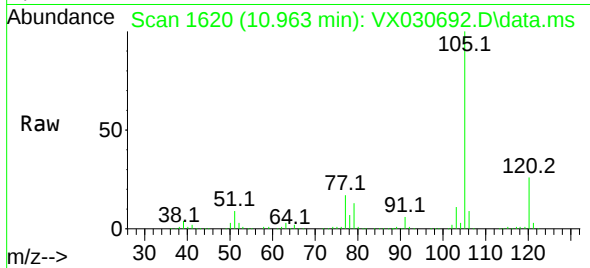




#60
Isopropylbenzene
Concen: 51.639 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

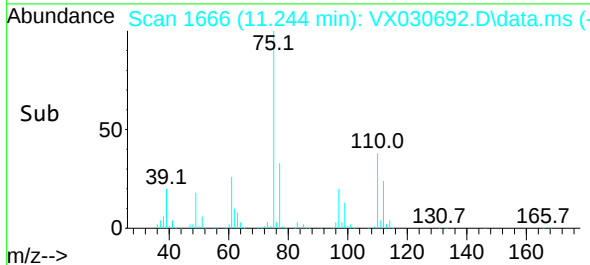
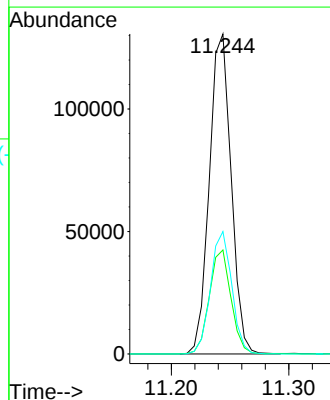
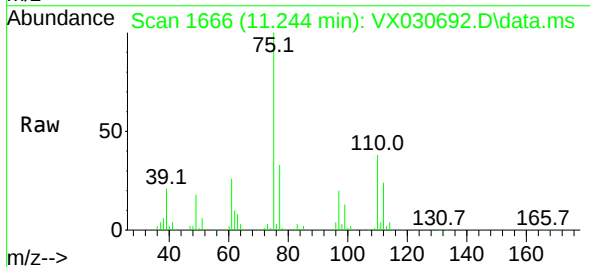
Instrument :
MSVOA_X
ClientSampleId :

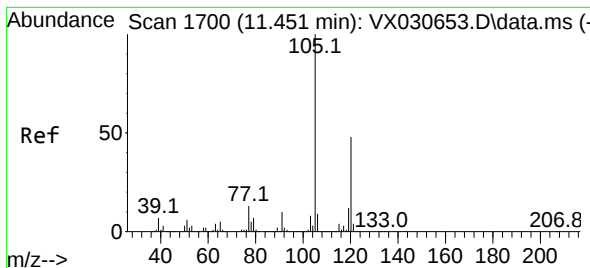
Tgt Ion:105 Resp: 548565
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0
77 15.4 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 52.403 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Tgt Ion: 75 Resp: 168659
Ion Ratio Lower Upper
75 100
77 32.3 26.1 39.1
110 37.3 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 51.998 ug/L

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

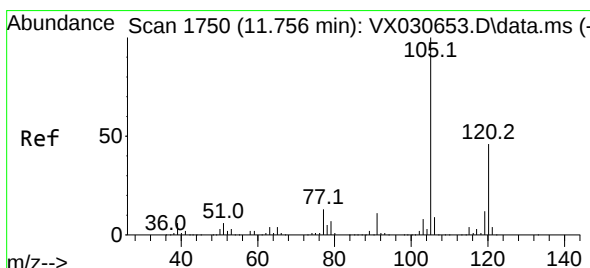
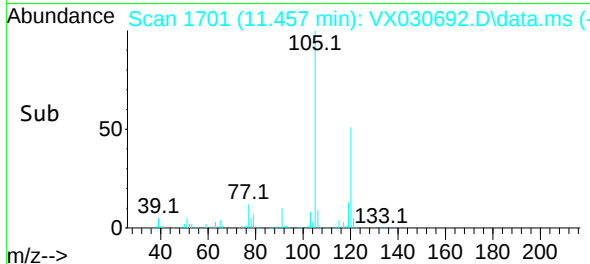
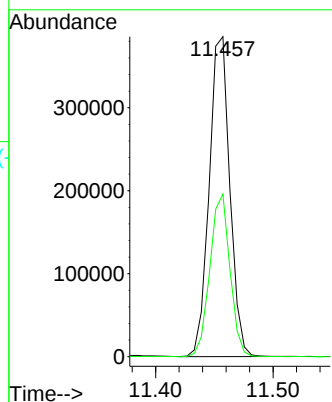
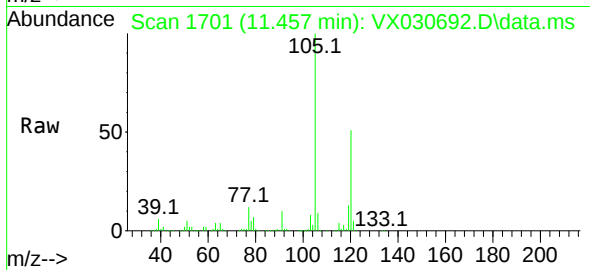
ClientSampleId :

Tgt Ion:105 Resp: 471591

Ion Ratio Lower Upper

105 100

120 49.3 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 52.188 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030692.D

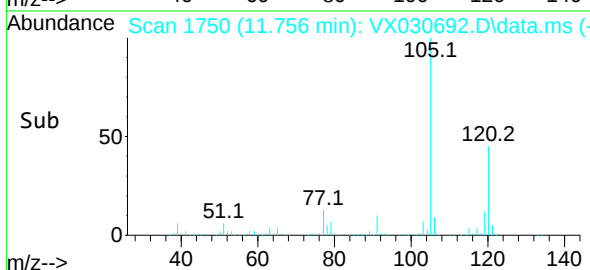
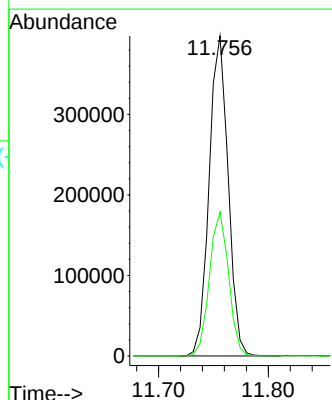
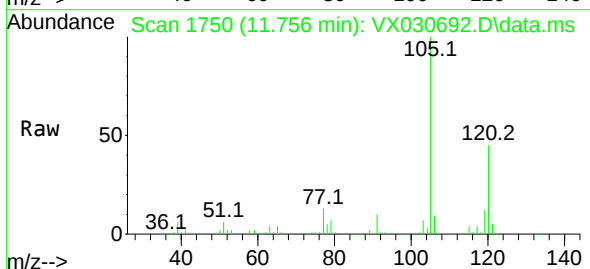
Acq: 18 Aug 2022 17:58

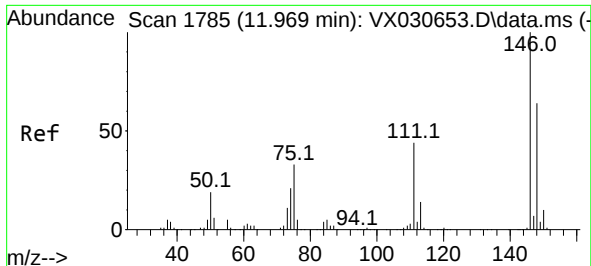
Tgt Ion:105 Resp: 477994

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9

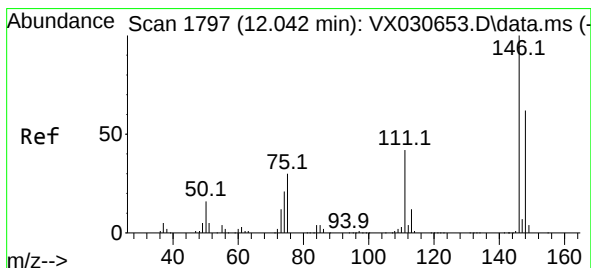
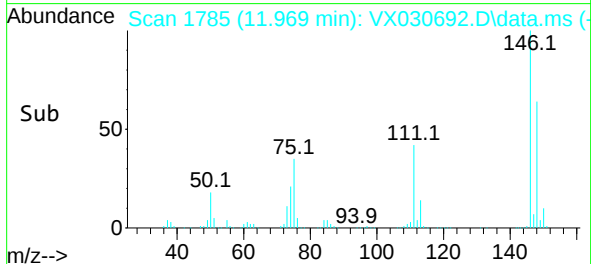
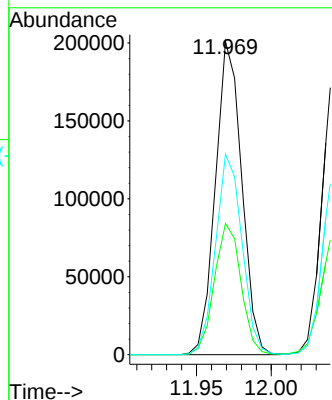
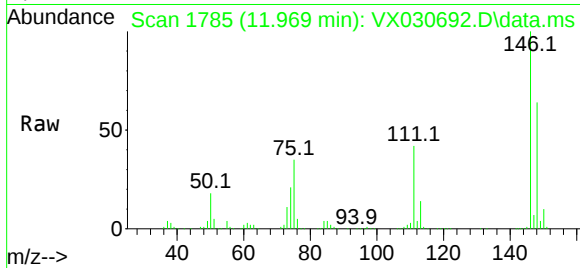




#64
1,3-Dichlorobenzene
Concen: 53.396 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

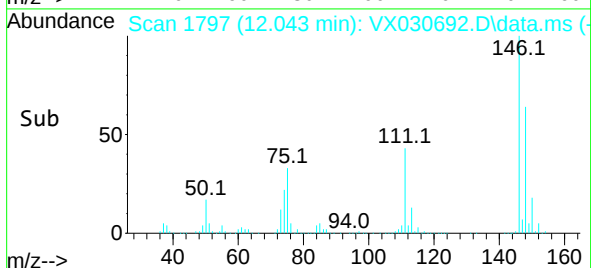
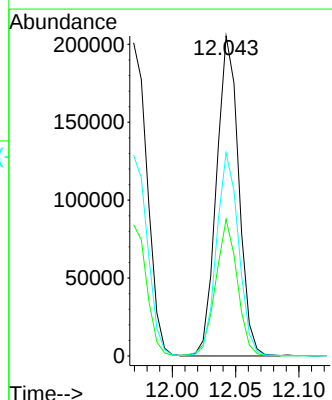
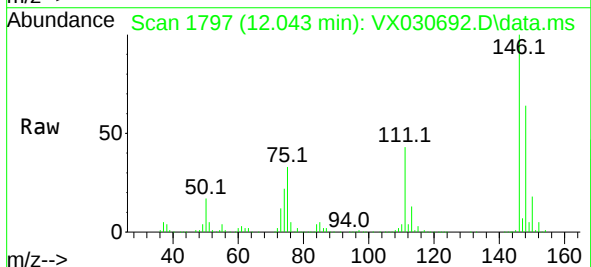
Instrument :
MSVOA_X
ClientSampleId :

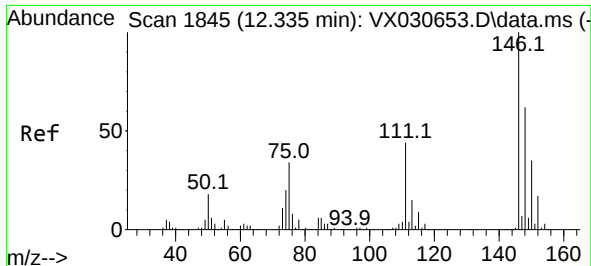
Tgt Ion:146 Resp: 246582
Ion Ratio Lower Upper
146 100
111 41.9 30.9 57.5
148 64.0 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 53.436 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030692.D
Acq: 18 Aug 2022 17:58

Tgt Ion:146 Resp: 250852
Ion Ratio Lower Upper
146 100
111 42.7 32.6 60.6
148 63.5 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 54.907 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

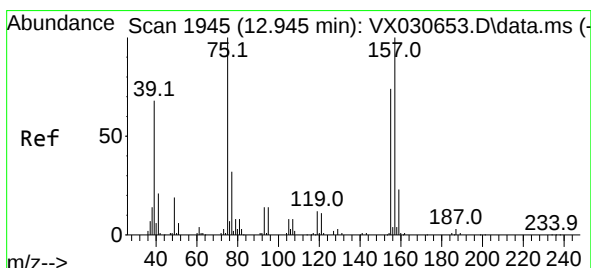
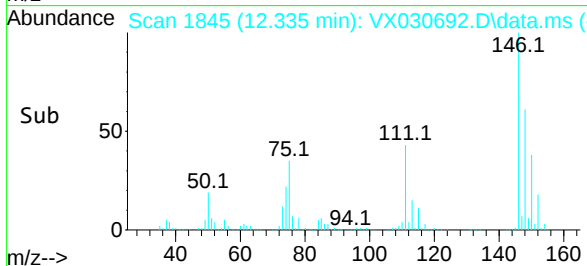
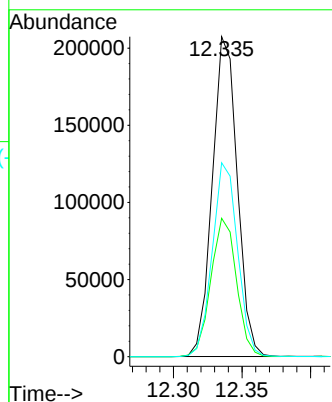
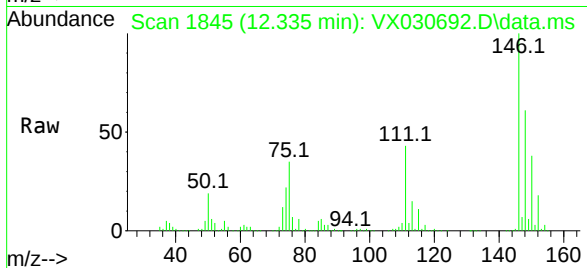
Tgt Ion:146 Resp: 262212

Ion Ratio Lower Upper

146 100

111 43.3 36.9 55.3

148 60.6 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 49.853 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

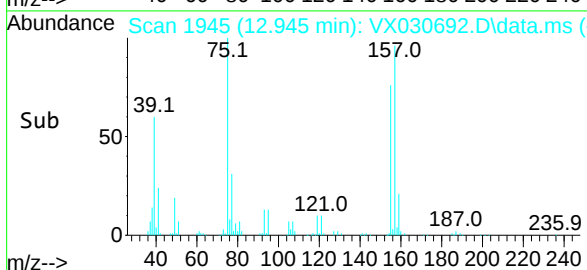
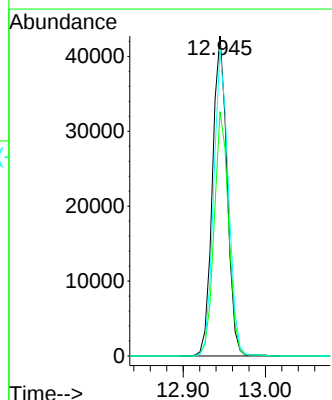
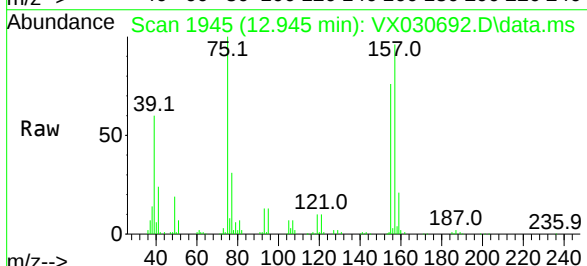
Tgt Ion: 75 Resp: 52928

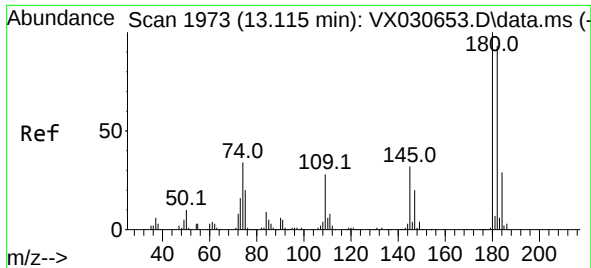
Ion Ratio Lower Upper

75 100

155 76.4 57.1 85.7

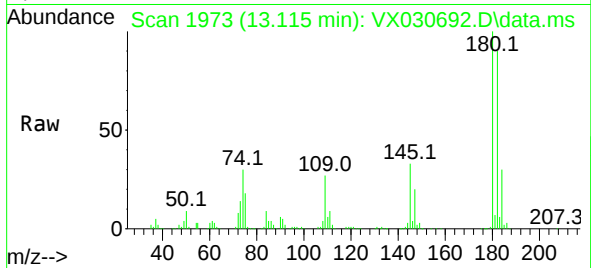
157 95.8 73.1 109.7



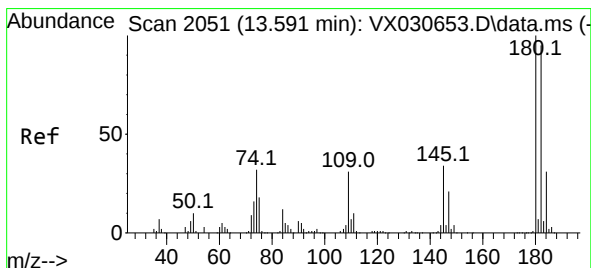
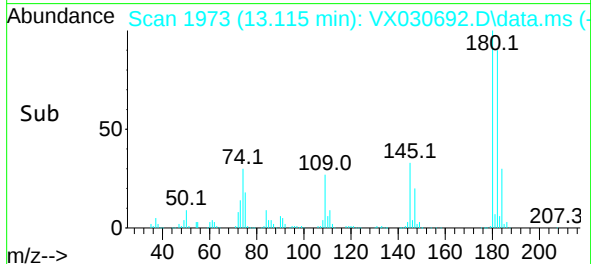
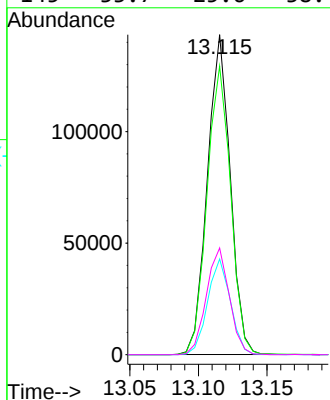


#69
 1,3,5-Trichlorobenzene
 Concen: 51.186 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: VX030692.D
 Acq: 18 Aug 2022 17:58

Instrument :
 MSVOA_X
 ClientSampleId :

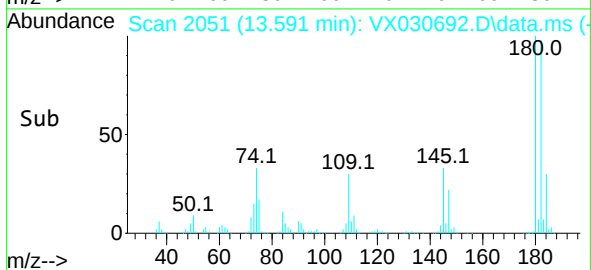
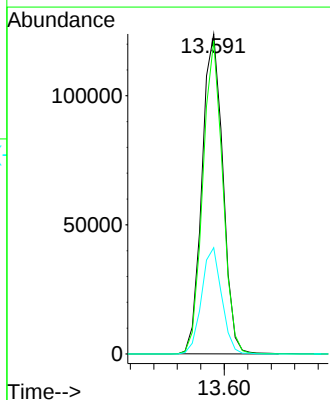
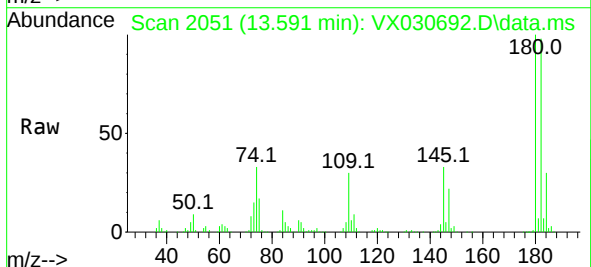


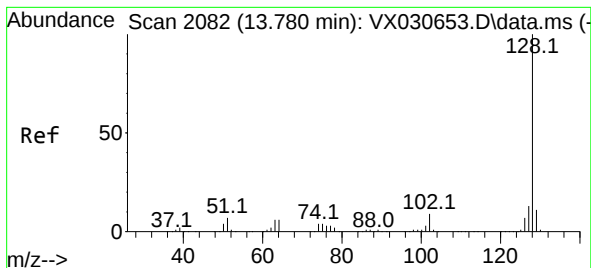
Tgt Ion:180 Resp: 165767
 Ion Ratio Lower Upper
 180 100
 182 93.0 73.7 110.5
 184 29.9 24.1 36.1
 145 33.7 25.6 38.4



#70
 1,2,4-trichlorobenzene
 Concen: 53.646 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030692.D
 Acq: 18 Aug 2022 17:58

Tgt Ion:180 Resp: 152578
 Ion Ratio Lower Upper
 180 100
 182 93.1 72.7 109.1
 145 32.1 26.6 40.0





#71

Naphthalene

Concen: 54.035 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

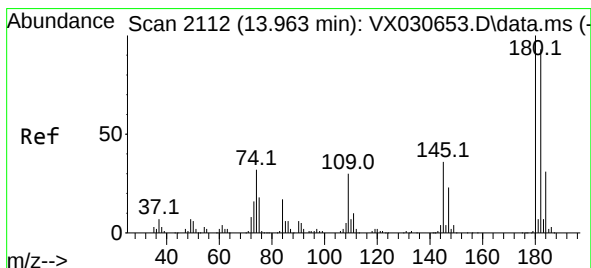
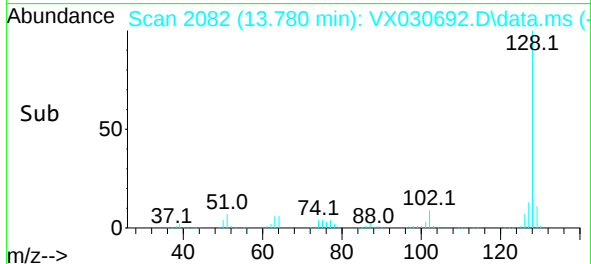
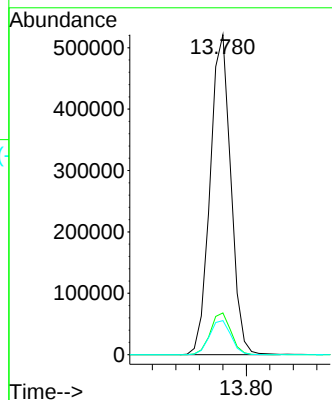
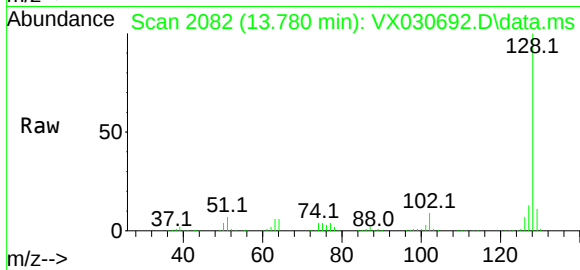
Tgt Ion:128 Resp: 636166

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 53.064 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030692.D

Acq: 18 Aug 2022 17:58

Tgt Ion:180 Resp: 159420

Ion Ratio Lower Upper

180 100

182 95.3 74.6 112.0

145 35.9 28.4 42.6

