

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030389.D
 Acq On : 04 Aug 2022 13:25
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV606

Quant Time: Aug 05 05:21:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:17:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	314398	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136749	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102086	50.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.120%	
7) Chloroethane-d5	1.667	69	77764	54.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.280%	
11) 1,1-Dichloroethene-d2	2.307	63	191095	50.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.080%	
21) 2-Butanone-d5	4.465	46	199977	106.899	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 106.900%	
24) Chloroform-d	5.068	84	214556	51.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.240%	
26) 1,2-Dichloroethane-d4	5.958	65	143324	50.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.580%	
32) Benzene-d6	5.977	84	409145	50.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.620%	
36) 1,2-Dichloropropane-d6	7.312	67	132422	50.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.380%	
41) Toluene-d8	8.653	98	381151	50.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.440%	
43) trans-1,3-Dichloroprop...	8.952	79	64997	50.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.020%	
47) 2-Hexanone-d5	9.385	63	140992	105.883	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 105.880%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	176197	51.342	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 102.680%	
66) 1,2-Dichlorobenzene-d4	12.323	152	130326	49.135	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 98.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	120130	50.778	ug/L	100
3) Chloromethane	1.295	50	104546	51.393	ug/L	97
5) Vinyl chloride	1.374	62	109687	50.480	ug/L	100
6) Bromomethane	1.612	94	56614	55.444	ug/L	97
8) Chloroethane	1.685	64	65666	53.055	ug/L	98
9) Trichlorofluoromethane	1.886	101	165598	51.567	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	95928	50.223	ug/L	99
12) 1,1-Dichloroethene	2.319	96	87672	49.822	ug/L	89
13) Acetone	2.392	43	135723	98.993	ug/L	99
14) Carbon disulfide	2.514	76	292228	51.237	ug/L	100
15) Methyl Acetate	2.709	43	147193	51.868	ug/L	99
16) Methylene chloride	2.788	84	113462	50.849	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	104011	51.019	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	355714	51.308	ug/L	99
19) 1,1-Dichloroethane	3.611	63	203568	51.627	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	118127	51.509	ug/L	100
22) 2-Butanone	4.568	43	222649	102.942	ug/L	97
23) Bromochloromethane	4.910	128	57808	50.265	ug/L	97
25) Chloroform	5.099	83	212287	51.241	ug/L	95

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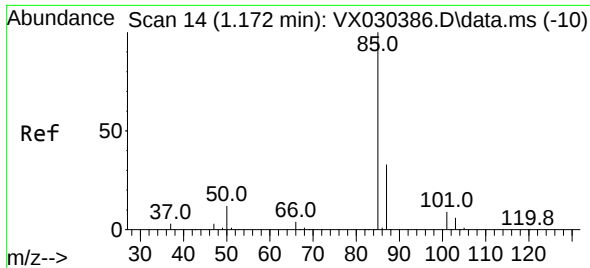
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:17:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.093	62	176935	51.313	ug/L	97
29) Cyclohexane	5.477	56	189014	50.580	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	184439	49.743	ug/L	100
31) Carbon tetrachloride	5.684	117	153357	50.113	ug/L	99
33) Benzene	6.044	78	450411	49.976	ug/L	100
34) Trichloroethene	7.129	95	124346	47.637	ug/L	87
35) Methylcyclohexane	7.385	83	189820	49.953	ug/L	99
37) 1,2-Dichloropropane	7.434	63	118679	49.526	ug/L	100
38) Bromodichloromethane	7.824	83	158031	49.829	ug/L	98
39) cis-1,3-Dichloropropene	8.367	75	183805	51.419	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	421396	100.982	ug/L	99
42) Toluene	8.720	91	483364	50.769	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	179149	51.204	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	113825	51.084	ug/L	98
46) Tetrachloroethene	9.275	164	82036	49.729	ug/L	98
48) 2-Hexanone	9.433	43	338090	104.274	ug/L	99
49) Dibromochloromethane	9.525	129	117971	49.766	ug/L	97
50) 1,2-Dibromoethane	9.610	107	120794	49.296	ug/L	98
51) Chlorobenzene	10.080	112	297127	50.093	ug/L	99
52) Ethylbenzene	10.195	91	526874	50.753	ug/L	100
53) m,p-Xylene	10.305	106	194628	50.300	ug/L	99
54) o-Xylene	10.647	106	196356	50.927	ug/L	95
55) Styrene	10.659	104	332467	51.211	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	173902	51.293	ug/L	97
59) Bromoform	10.799	173	77714	52.187	ug/L	100
60) Isopropylbenzene	10.964	105	509892	52.604	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	154424	52.583	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	444672	53.734	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	431632	51.648	ug/L	98
64) 1,3-Dichlorobenzene	11.970	146	212738	50.488	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	214606	50.101	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	212405	48.745	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	46771	48.280	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	141474	47.876	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	129590	49.935	ug/L	98
71) Naphthalene	13.774	128	529743	49.313	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	131958	48.137	ug/L	99

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

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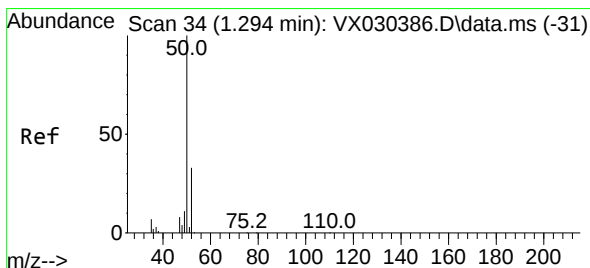
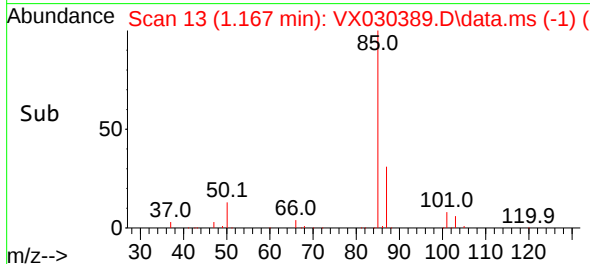
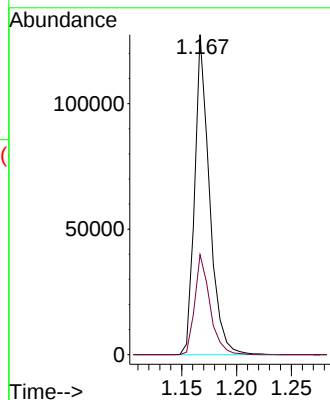
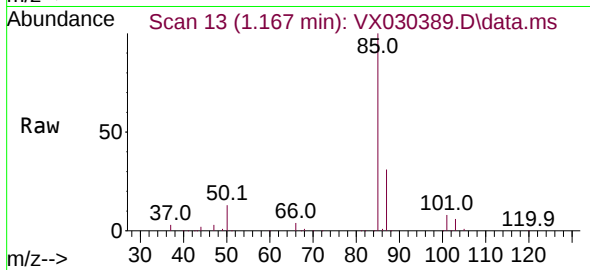
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#2
 Dichlorodifluoromethane
 Concen: 50.778 ug/L
 RT: 1.167 min Scan# 11
 Delta R.T. -0.006 min
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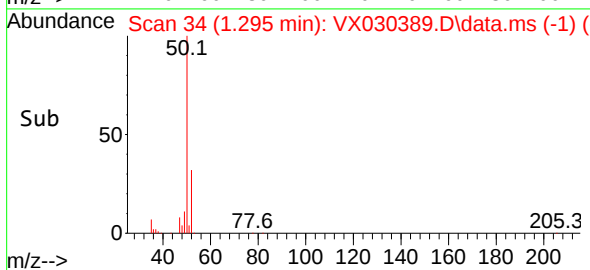
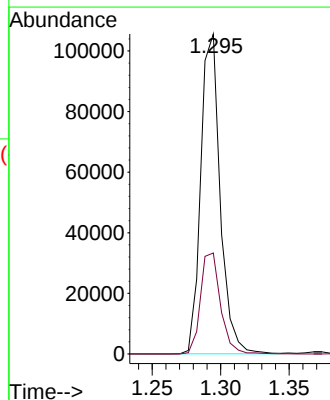
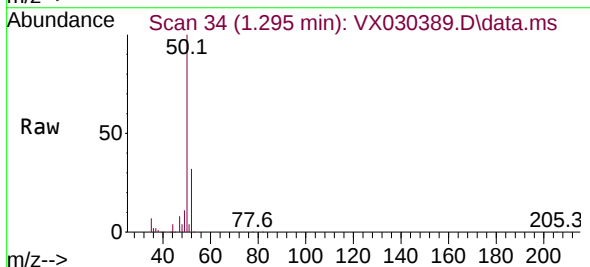
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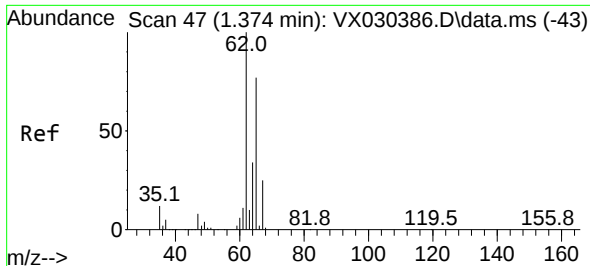
Tgt Ion: 85 Resp: 120130
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 51.393 ug/L
 RT: 1.295 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030389.D
 Acq: 04 Aug 2022 13:25

Tgt Ion: 50 Resp: 104546
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.3 43.3

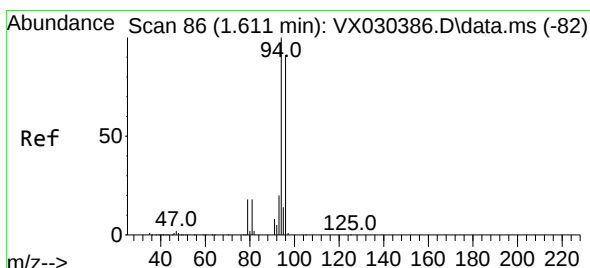
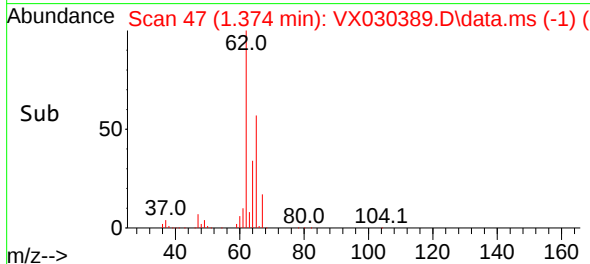
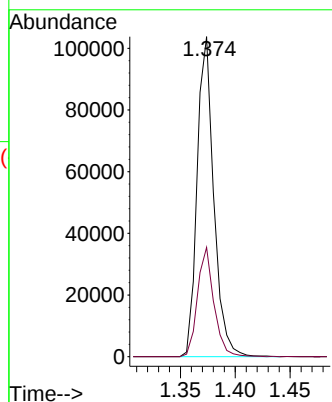
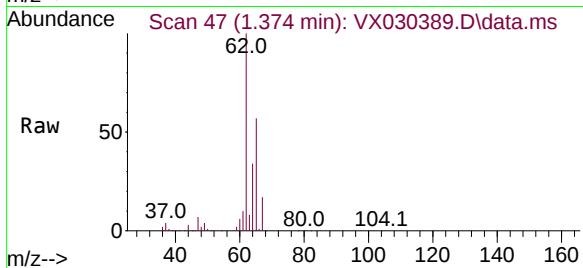




#5
 Vinyl chloride
 Concen: 50.480 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030389.D
 Acq: 04 Aug 2022 13:25

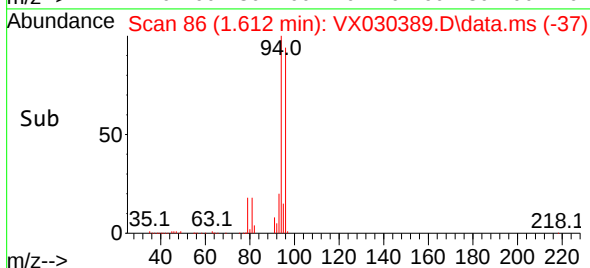
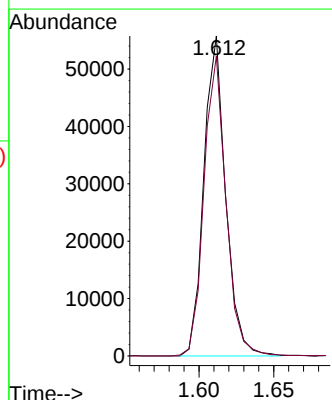
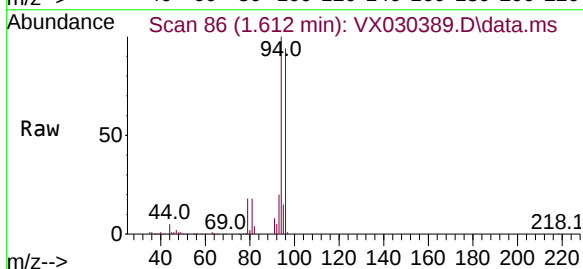
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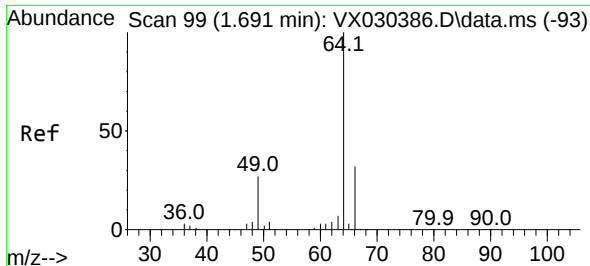
Tgt Ion: 62 Resp: 109687
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.8 44.2



#6
 Bromomethane
 Concen: 55.444 ug/L
 RT: 1.612 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030389.D
 Acq: 04 Aug 2022 13:25

Tgt Ion: 94 Resp: 56614
 Ion Ratio Lower Upper
 94 100
 96 93.8 63.8 118.6

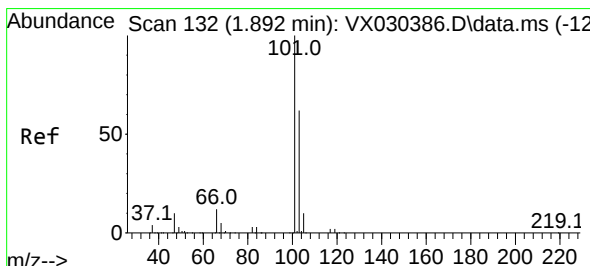
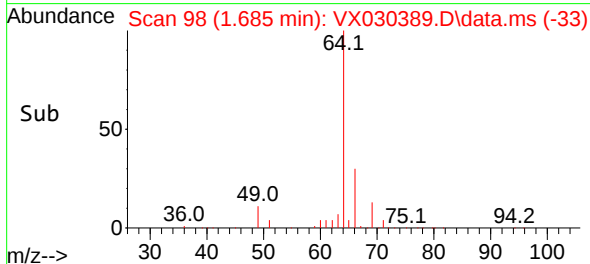
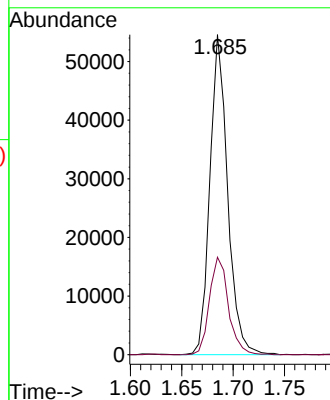
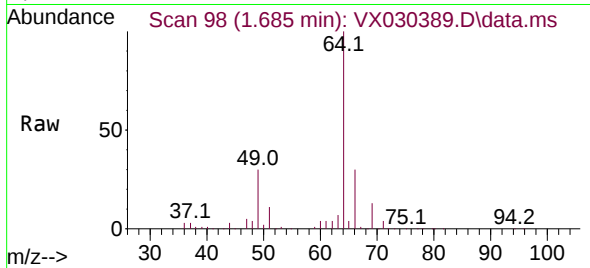




#8
Chloroethane
Concen: 53.055 ug/L
RT: 1.685 min Scan# 99
Delta R.T. -0.006 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

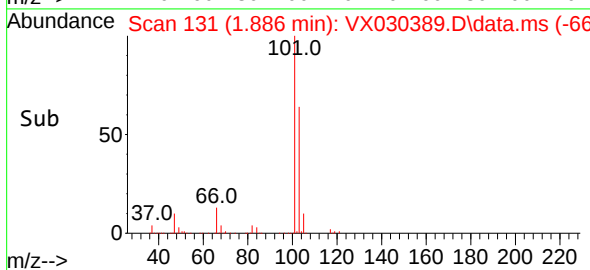
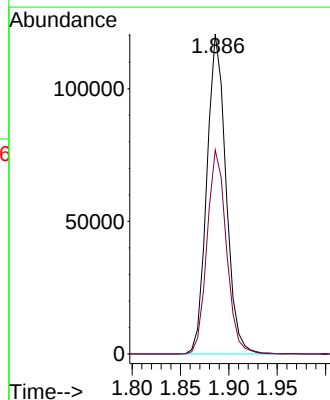
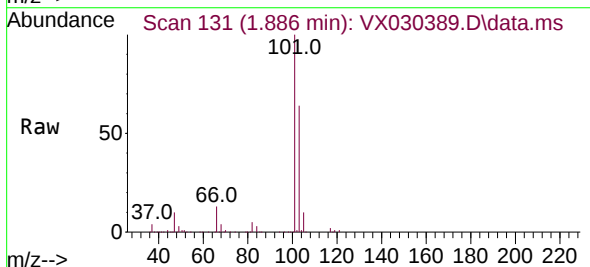
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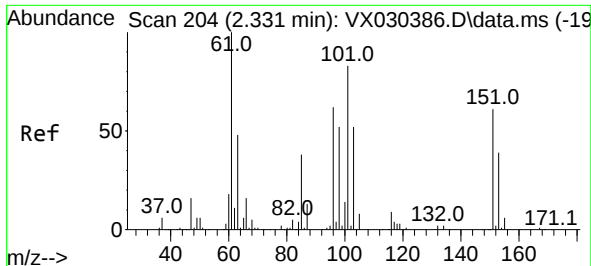
Tgt Ion: 64 Resp: 65666
Ion Ratio Lower Upper
64 100
66 30.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 51.567 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 101 Resp: 165598
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

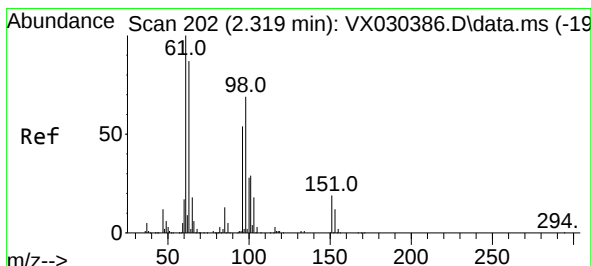
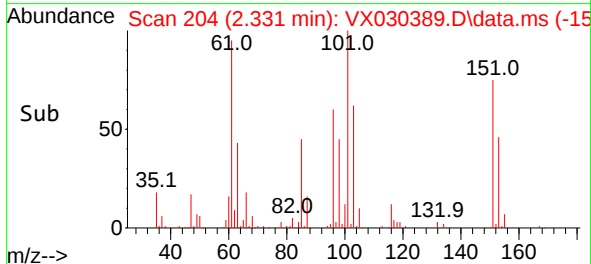
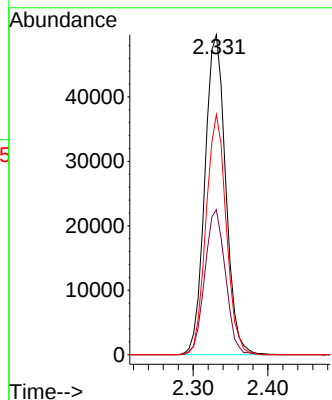
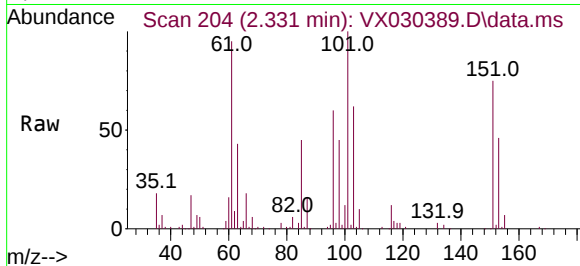




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.223 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030389.D
 Acq: 04 Aug 2022 13:25

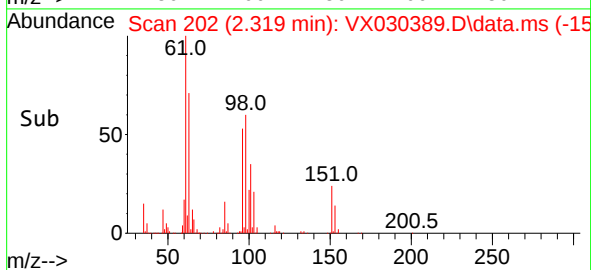
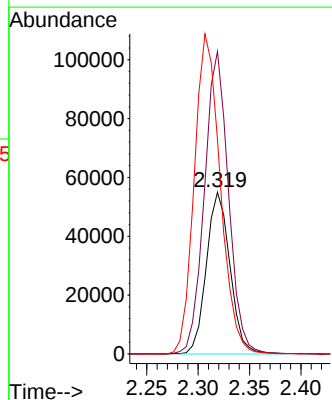
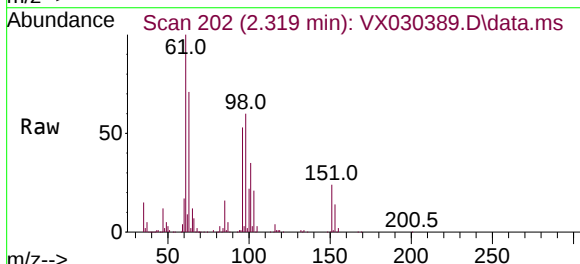
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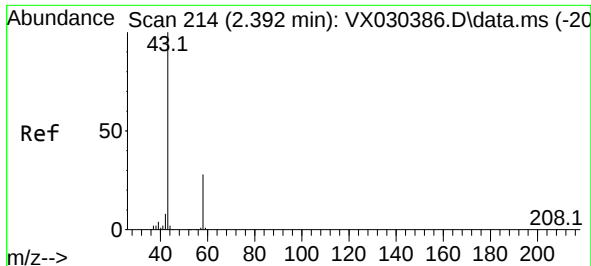
Tgt Ion: 101 Resp: 95928
 Ion Ratio Lower Upper
 101 100
 85 45.0 35.3 52.9
 151 72.9 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 49.822 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030389.D
 Acq: 04 Aug 2022 13:25

Tgt Ion: 96 Resp: 87672
 Ion Ratio Lower Upper
 96 100
 61 187.0 130.2 241.8
 63 132.7 113.5 210.9





#13

Acetone

Concen: 98.993 ug/L

RT: 2.392 min Scan# 214

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

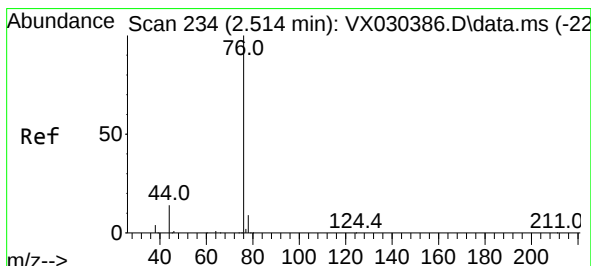
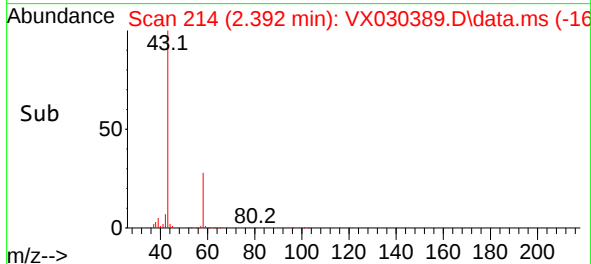
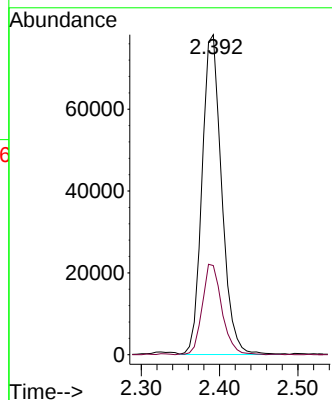
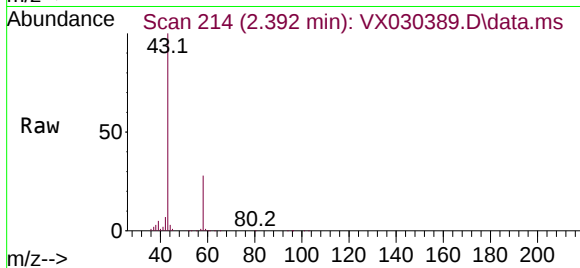
VICV606

Tgt Ion: 43 Resp: 135723

Ion Ratio Lower Upper

43 100

58 28.3 0.0 57.8



#14

Carbon disulfide

Concen: 51.237 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX030389.D

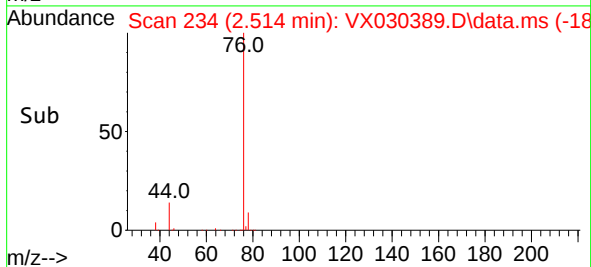
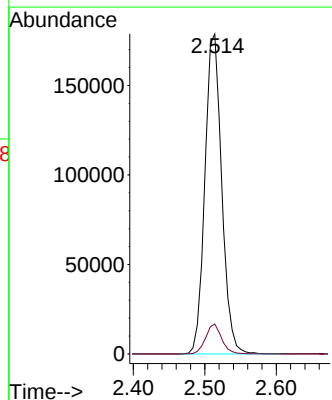
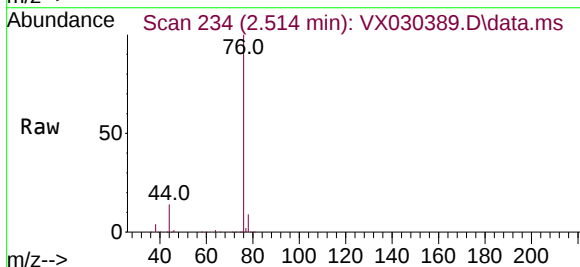
Acq: 04 Aug 2022 13:25

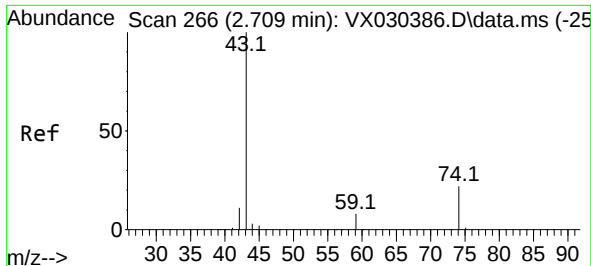
Tgt Ion: 76 Resp: 292228

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

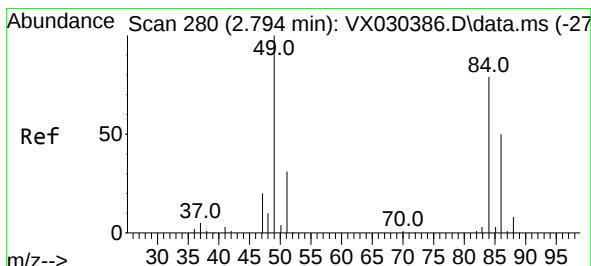
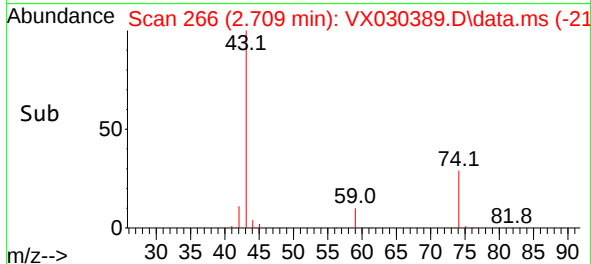
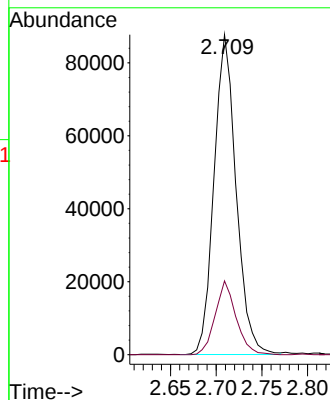
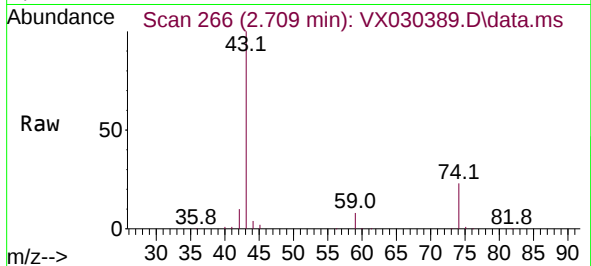




#15
Methyl Acetate
Concen: 51.868 ug/L
RT: 2.709 min Scan# 210
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

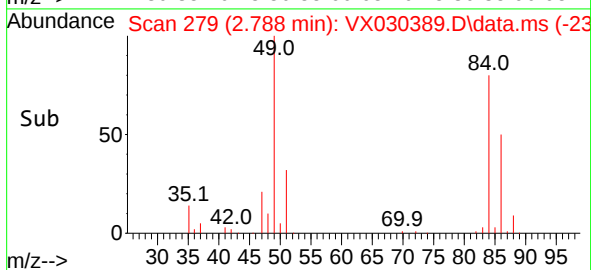
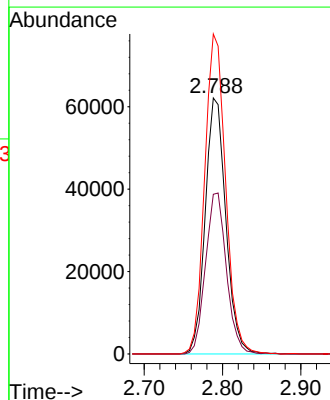
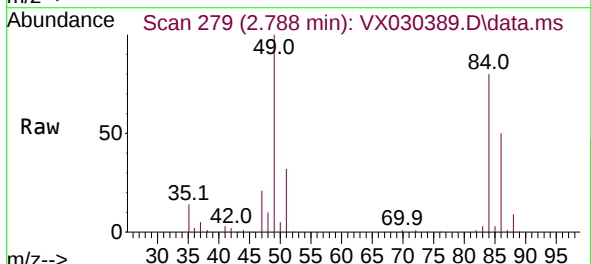
Instrument :
MSVOA_X
ClientSampleId :
VICV606

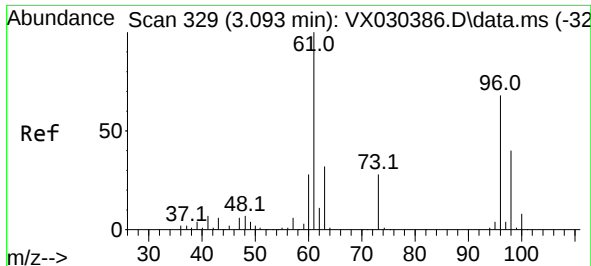
Tgt Ion: 43 Resp: 147193
Ion Ratio Lower Upper
43 100
74 21.9 17.2 25.8



#16
Methylene chloride
Concen: 50.849 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 84 Resp: 113462
Ion Ratio Lower Upper
84 100
86 62.4 44.2 82.2
49 125.0 89.0 165.2

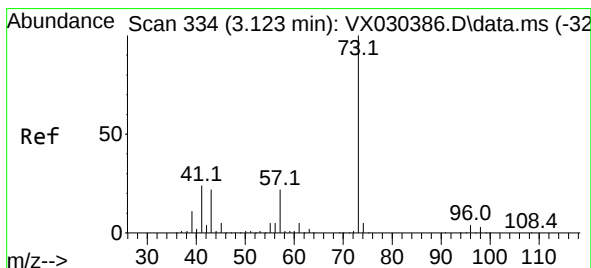
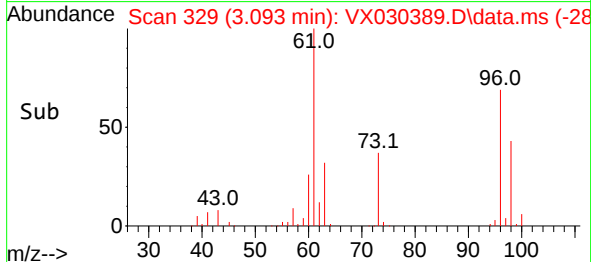
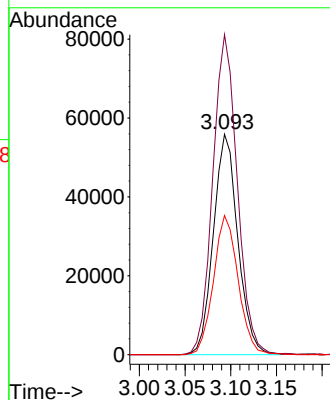
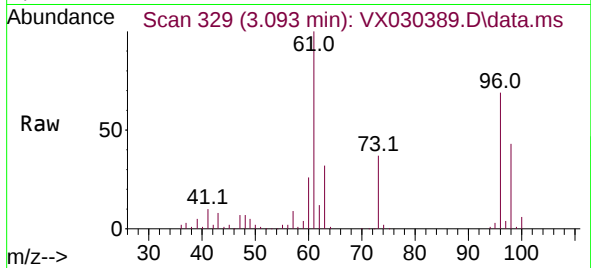




#17
trans-1,2-Dichloroethene
Concen: 51.019 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

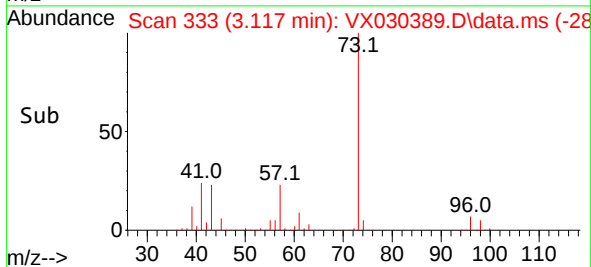
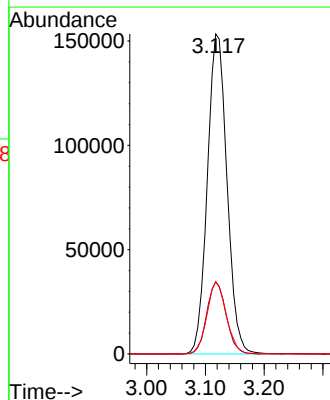
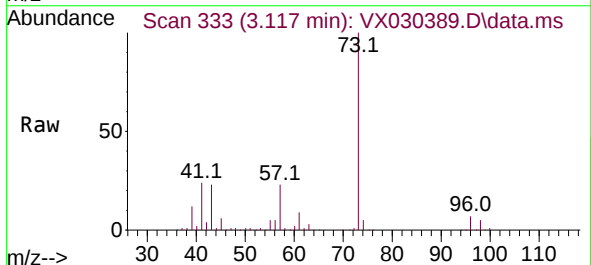
Instrument :
MSVOA_X
ClientSampleId :
VICV606

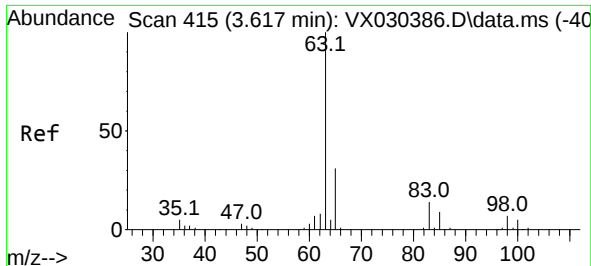
Tgt Ion: 96 Resp: 104011
Ion Ratio Lower Upper
96 100
61 145.1 103.7 192.5
98 63.1 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 51.308 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.006 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 73 Resp: 355714
Ion Ratio Lower Upper
73 100
43 22.3 17.6 26.4
57 22.1 17.5 26.3

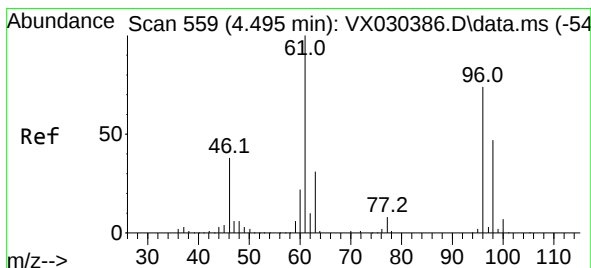
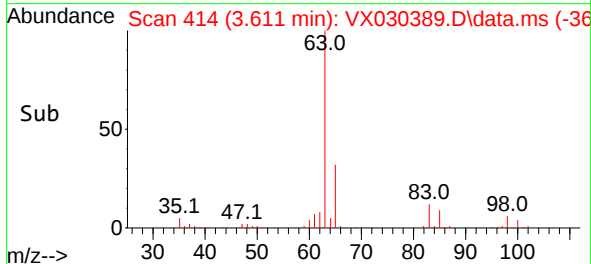
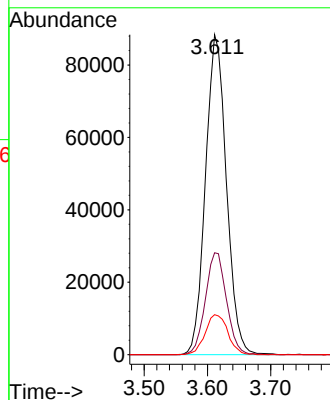
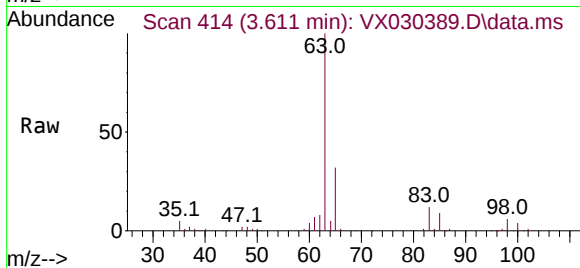




#19
1,1-Dichloroethane
Concen: 51.627 ug/L
RT: 3.611 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

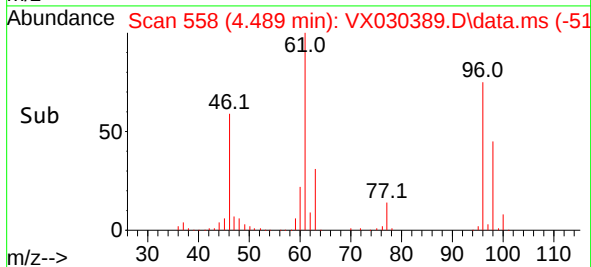
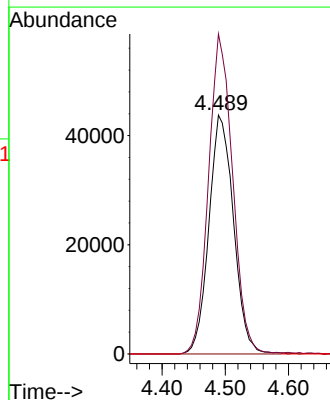
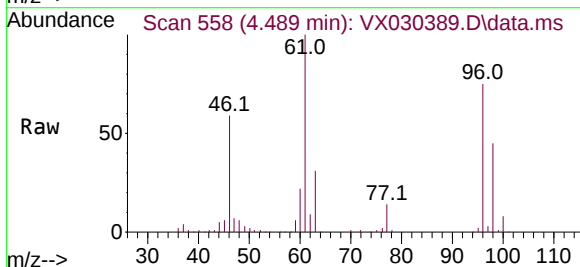
Instrument :
MSVOA_X
ClientSampleId :
VICV606

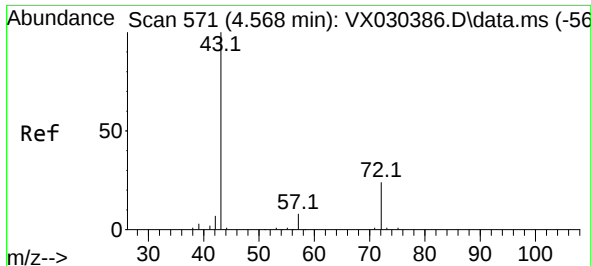
Tgt Ion: 63 Resp: 203568
Ion Ratio Lower Upper
63 100
65 31.8 22.0 40.8
83 12.5 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 51.509 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 96 Resp: 118127
Ion Ratio Lower Upper
96 100
61 134.0 94.0 174.6
68 0.0 0.0 0.0

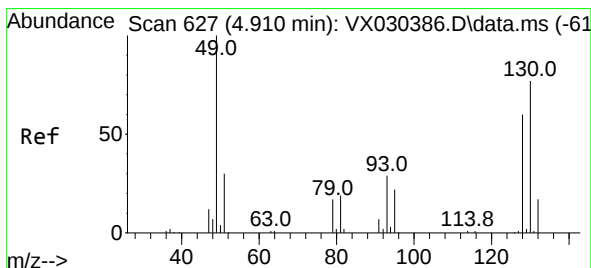
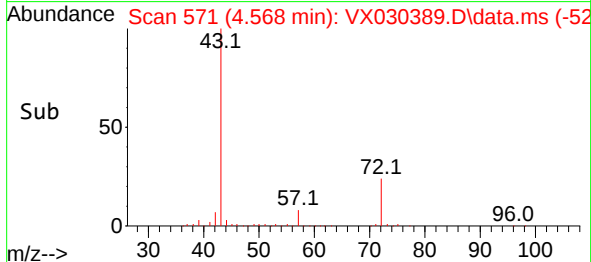
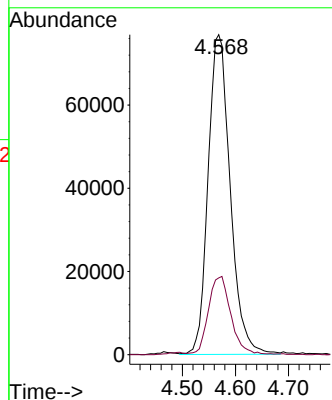
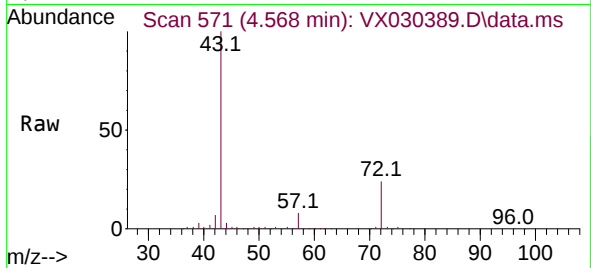




#22
2-Butanone
Concen: 102.942 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

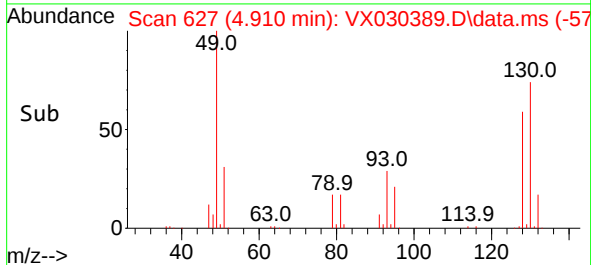
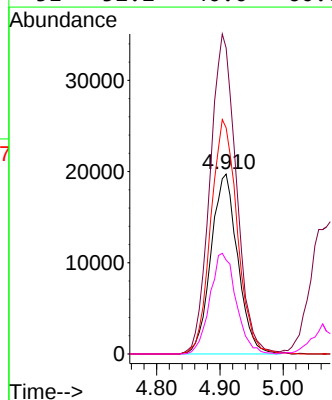
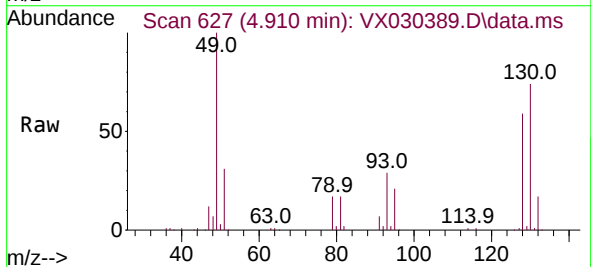
Instrument :
MSVOA_X
ClientSampleId :
VICV606

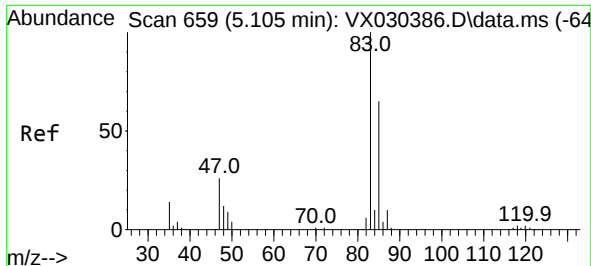
Tgt Ion: 43 Resp: 222649
Ion Ratio Lower Upper
43 100
72 24.9 11.7 35.1



#23
Bromochloromethane
Concen: 50.265 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 128 Resp: 57808
Ion Ratio Lower Upper
128 100
49 170.2 116.8 216.8
130 125.8 90.3 167.7
51 52.2 40.0 60.0





#25

Chloroform

Concen: 51.241 ug/L

RT: 5.099 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

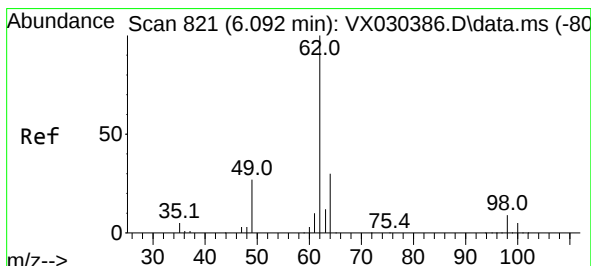
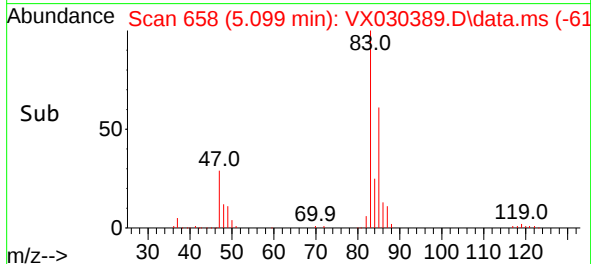
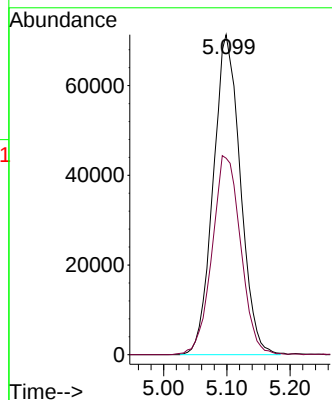
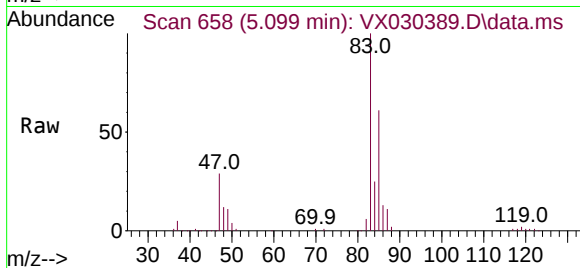
VICV606

Tgt Ion: 83 Resp: 212287

Ion Ratio Lower Upper

83 100

85 61.4 45.6 84.6



#27

1,2-Dichloroethane

Concen: 51.313 ug/L

RT: 6.093 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030389.D

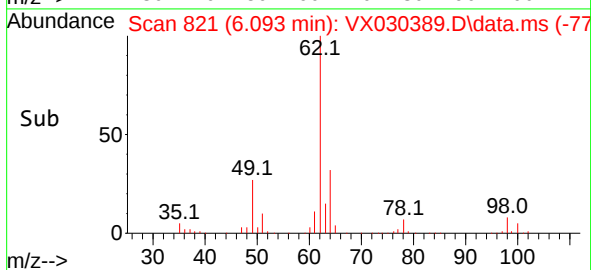
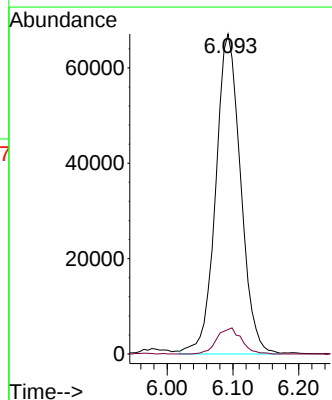
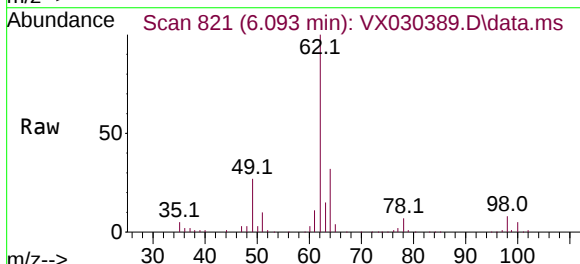
Acq: 04 Aug 2022 13:25

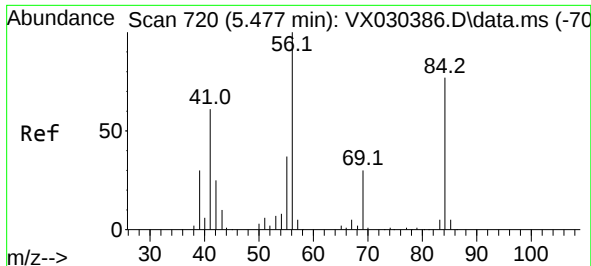
Tgt Ion: 62 Resp: 176935

Ion Ratio Lower Upper

62 100

98 7.7 7.0 10.6





#29

Cyclohexane

Concen: 50.580 ug/L

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VICV606

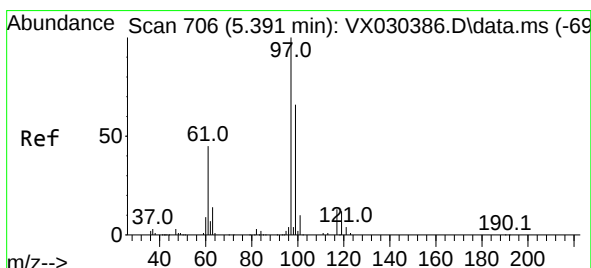
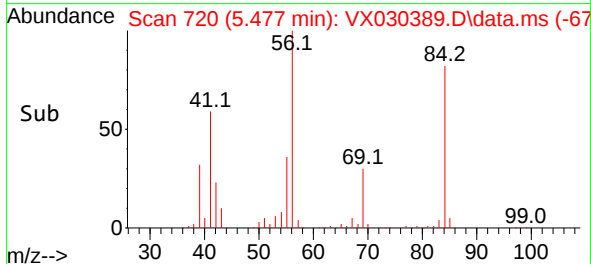
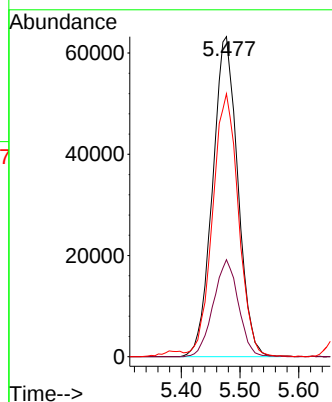
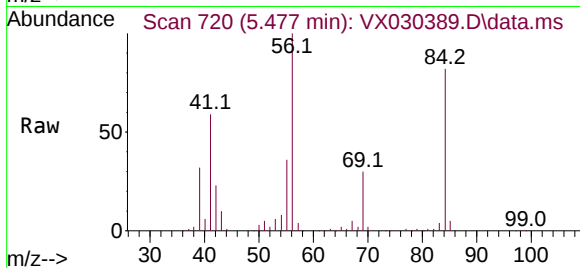
Tgt Ion: 56 Resp: 189014

Ion Ratio Lower Upper

56 100

69 30.0 24.3 36.5

84 83.7 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 49.743 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

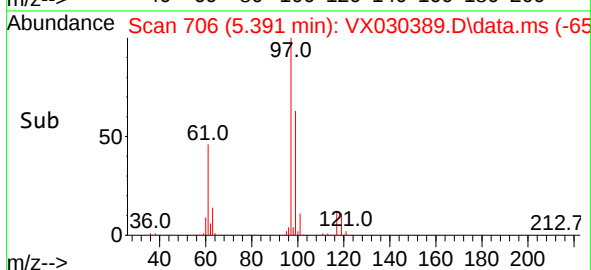
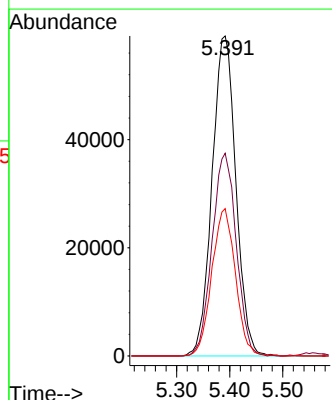
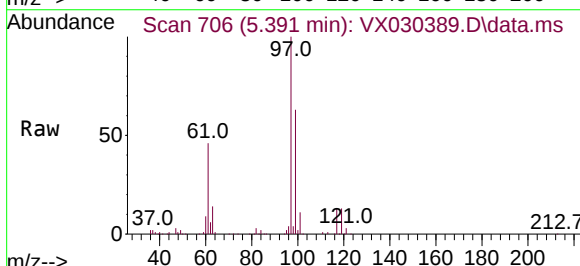
Tgt Ion: 97 Resp: 184439

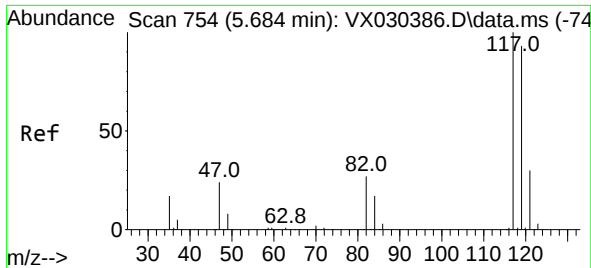
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.0

61 45.7 37.0 55.6

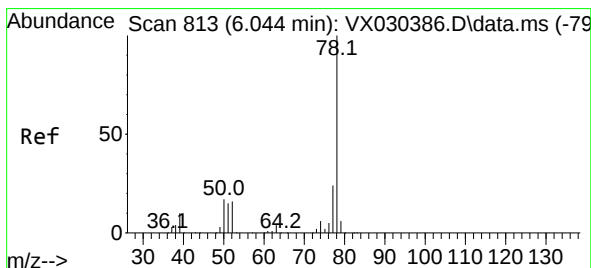
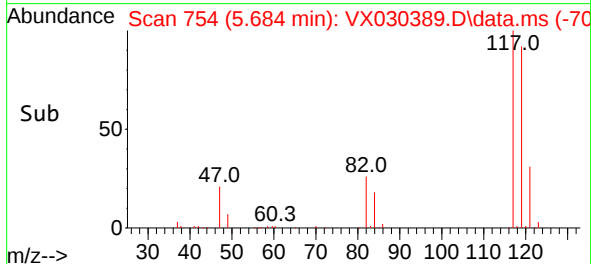
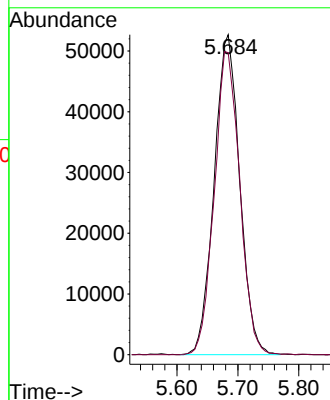
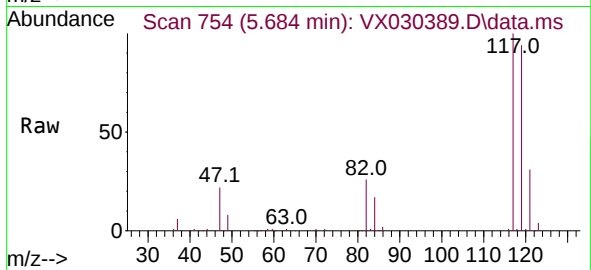




#31
Carbon tetrachloride
Concen: 50.113 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

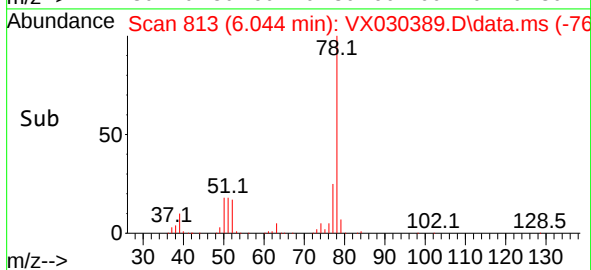
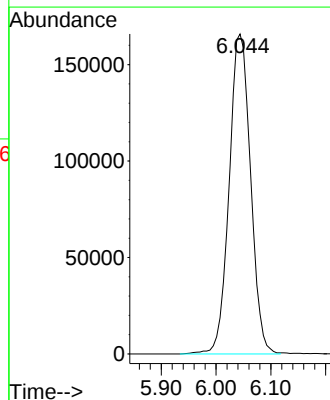
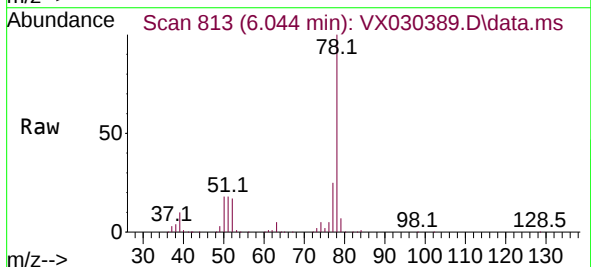
Instrument :
MSVOA_X
ClientSampleId :
VICV606

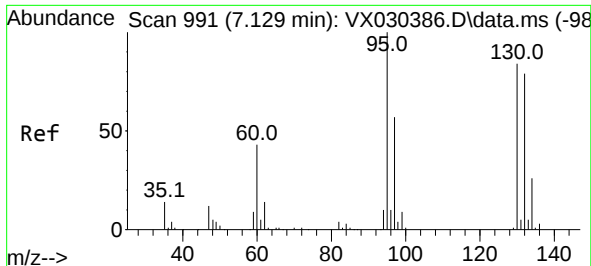
Tgt Ion:117 Resp: 153357
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2



#33
Benzene
Concen: 49.976 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 78 Resp: 450411



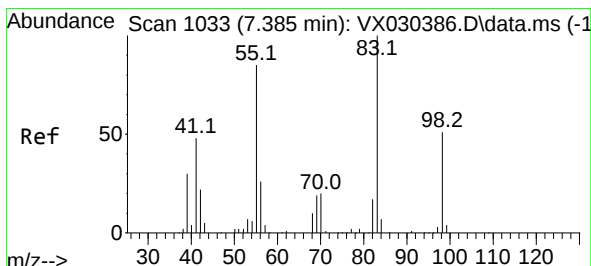
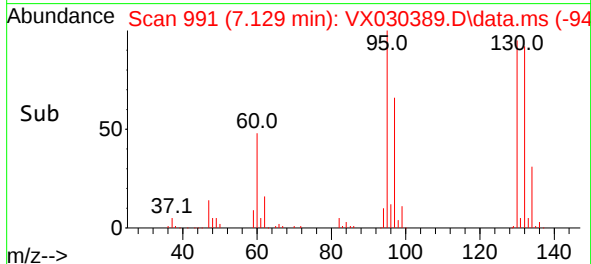
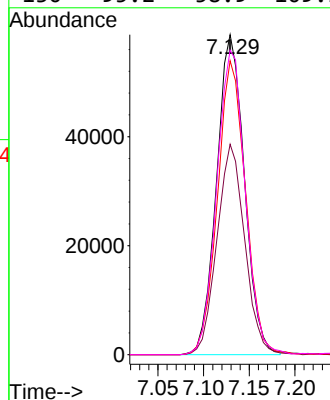
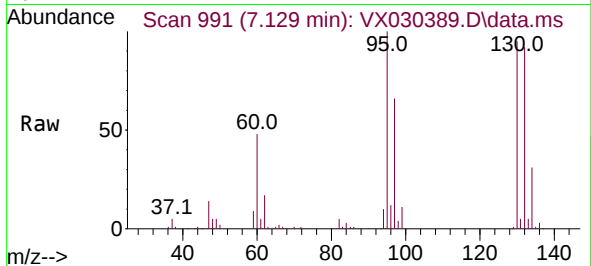


#34
Trichloroethene
Concen: 47.637 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Instrument :
MSVOA_X
ClientSampleId :
VICV606

Tgt Ion: 95 Resp: 124346

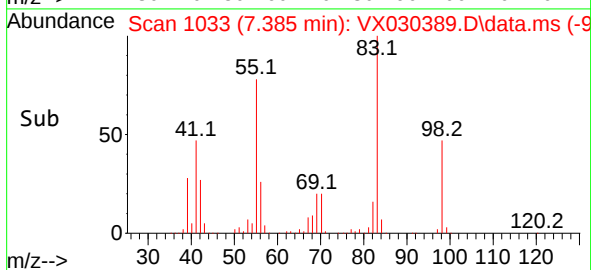
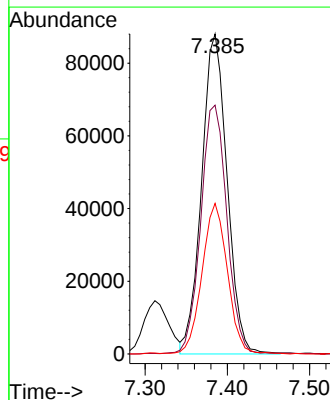
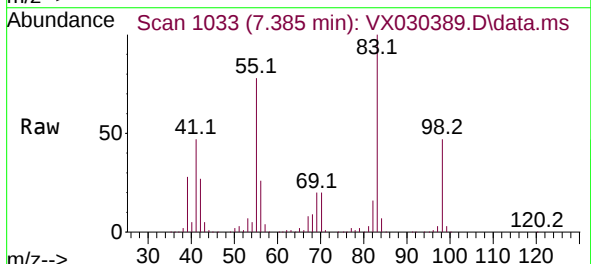
Ion	Ratio	Lower	Upper
95	100		
97	65.8	40.2	74.6
132	91.9	55.3	102.7
130	95.2	58.9	109.5

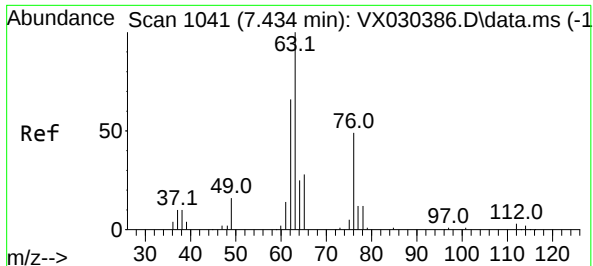


#35
Methylcyclohexane
Concen: 49.953 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 83 Resp: 189820

Ion	Ratio	Lower	Upper
83	100		
55	79.5	64.0	96.0
98	46.3	36.7	55.1





#37

1,2-Dichloropropane

Concen: 49.526 ug/L

RT: 7.434 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

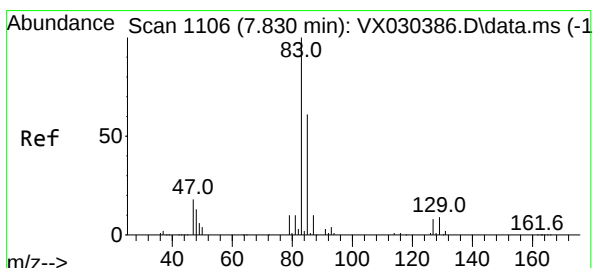
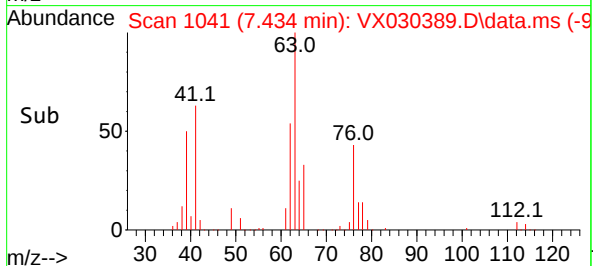
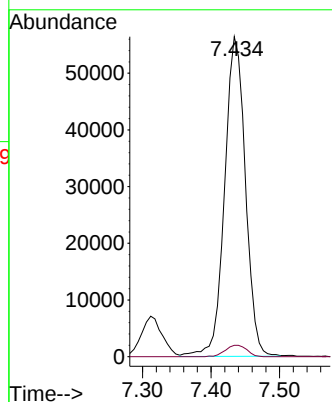
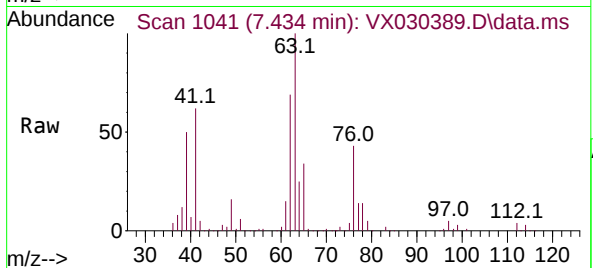
VICV606

Tgt Ion: 63 Resp: 118679

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 49.829 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

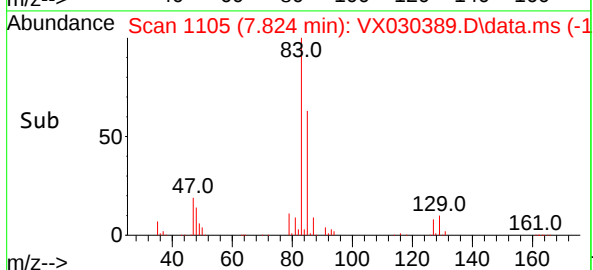
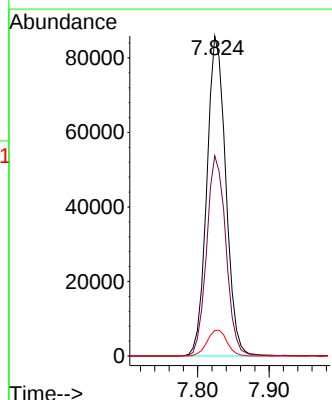
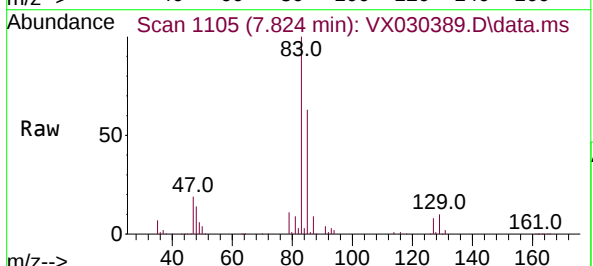
Tgt Ion: 83 Resp: 158031

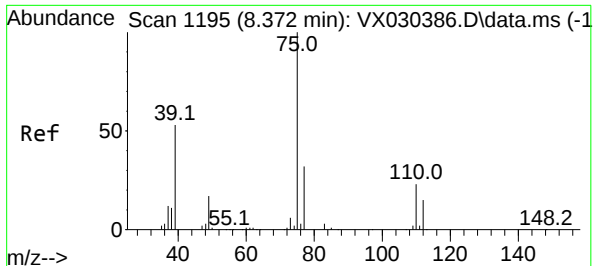
Ion Ratio Lower Upper

83 100

85 62.5 42.5 78.9

127 7.9 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 51.419 ug/L

RT: 8.367 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

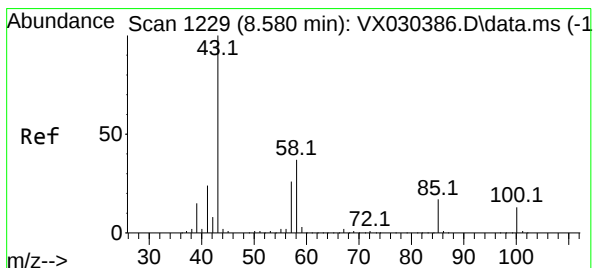
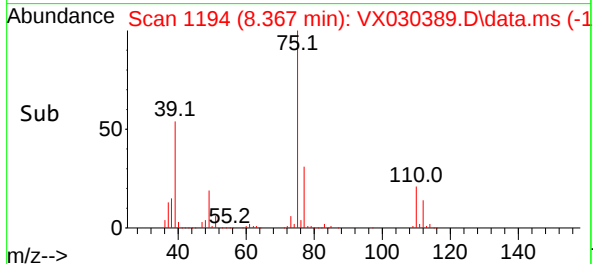
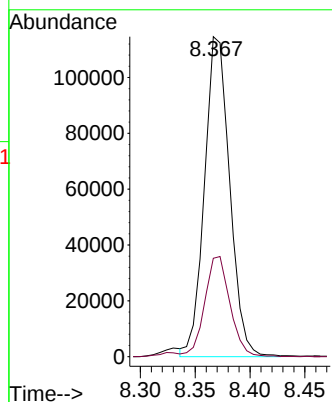
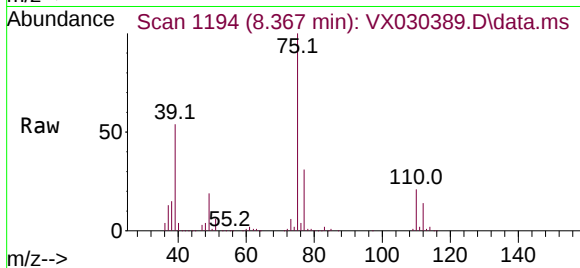
VICV606

Tgt Ion: 75 Resp: 183805

Ion Ratio Lower Upper

75 100

77 30.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 100.982 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

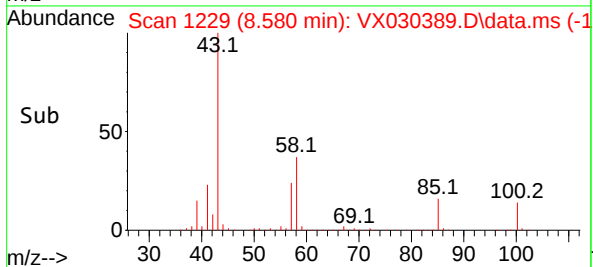
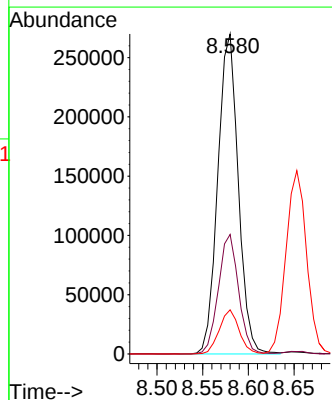
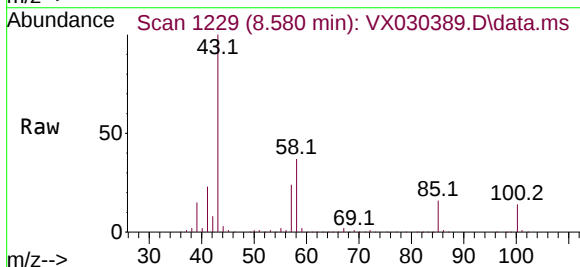
Tgt Ion: 43 Resp: 421396

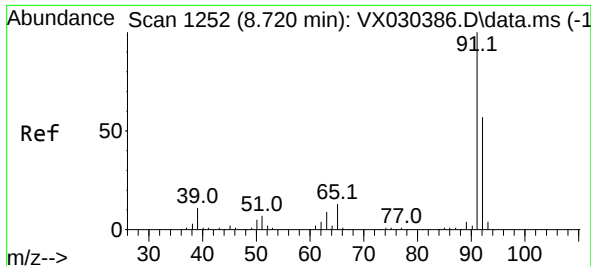
Ion Ratio Lower Upper

43 100

58 36.9 29.0 43.6

100 13.4 10.5 15.7





#42

Toluene

Concen: 50.769 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

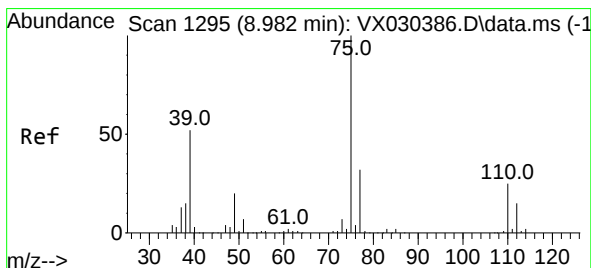
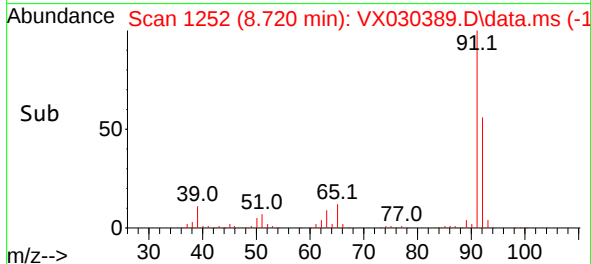
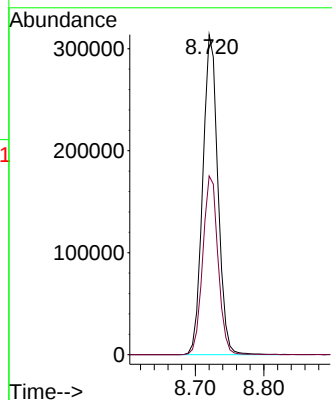
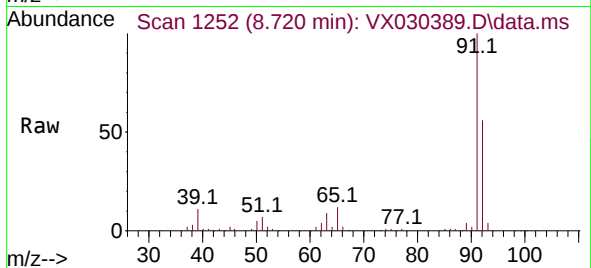
VICV606

Tgt Ion: 91 Resp: 483364

Ion Ratio Lower Upper

91 100

92 55.9 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 51.204 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030389.D

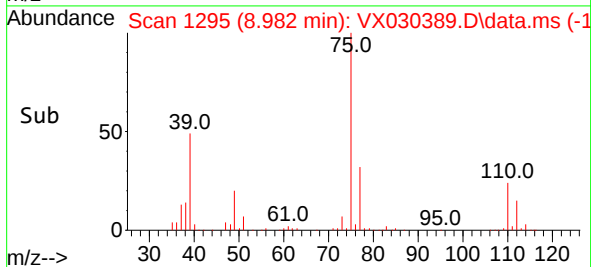
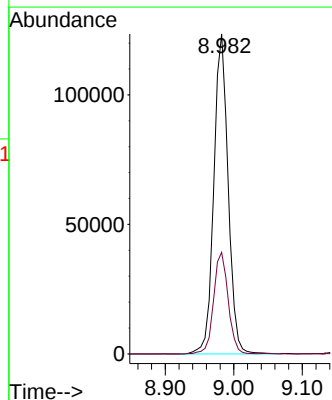
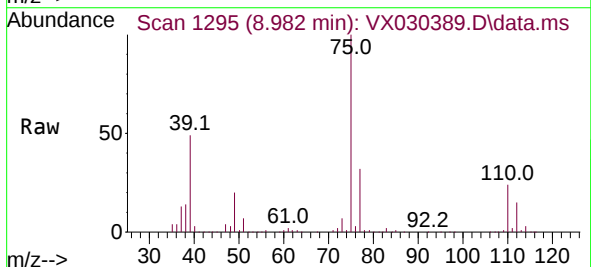
Acq: 04 Aug 2022 13:25

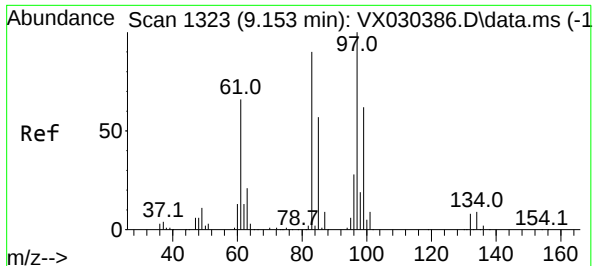
Tgt Ion: 75 Resp: 179149

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 51.084 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VICV606

Tgt Ion: 97 Resp: 113825

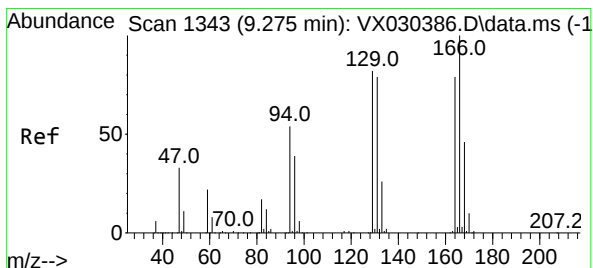
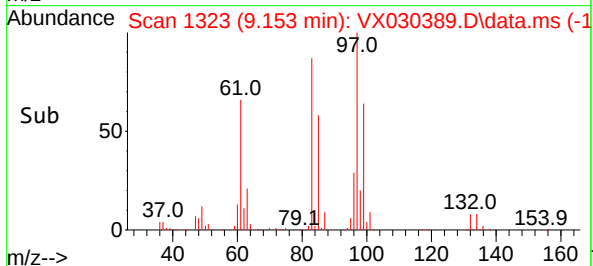
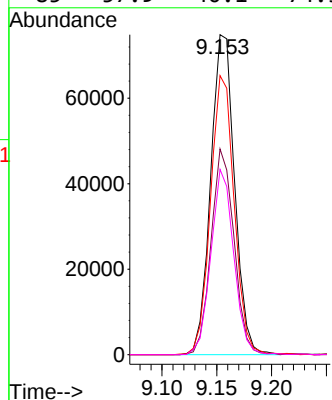
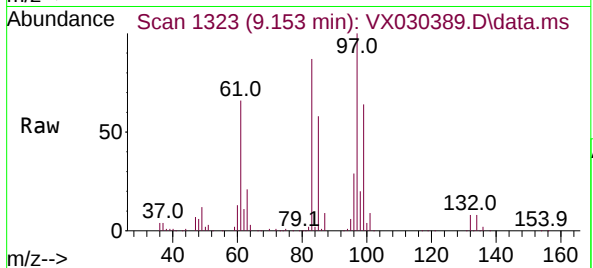
Ion Ratio Lower Upper

97 100

99 64.3 43.3 80.3

83 87.2 63.0 117.0

85 57.9 40.1 74.5



#46

Tetrachloroethene

Concen: 49.729 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Tgt Ion:164 Resp: 82036

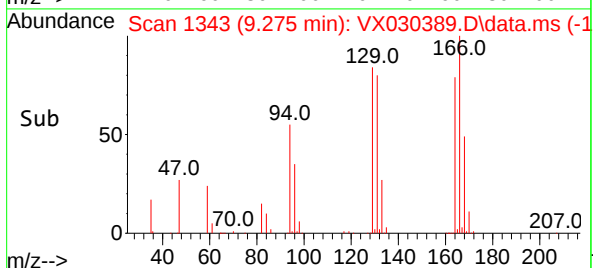
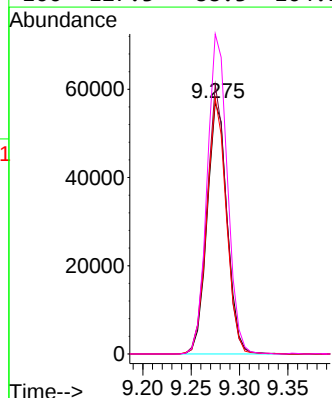
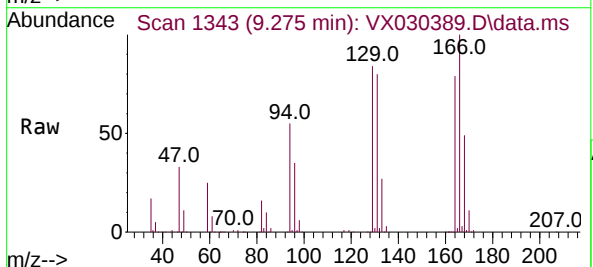
Ion Ratio Lower Upper

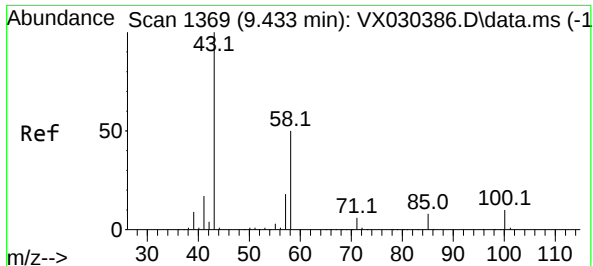
164 100

129 107.1 72.7 135.1

131 101.7 69.9 129.9

166 127.3 88.3 164.1





#48

2-Hexanone

Concen: 104.274 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VICV606

Tgt Ion: 43 Resp: 338090

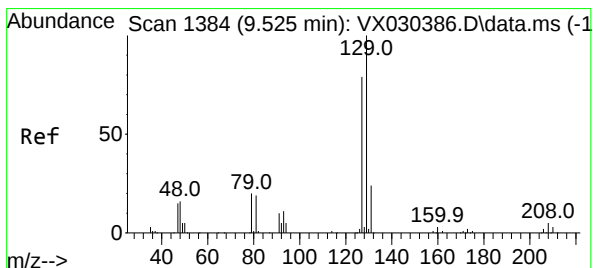
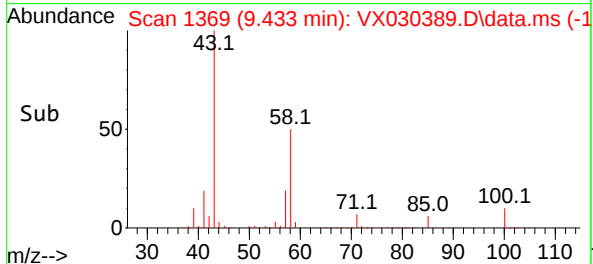
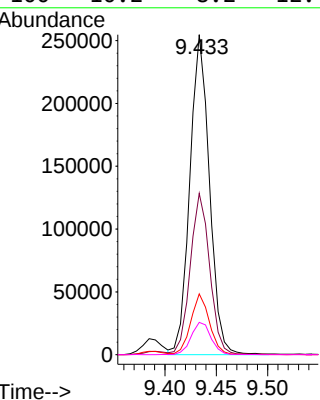
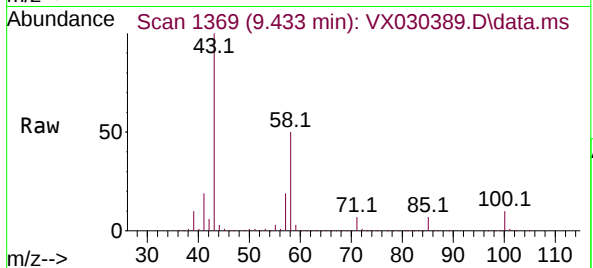
Ion Ratio Lower Upper

43 100

58 49.8 40.4 60.6

57 18.1 14.6 22.0

100 10.2 8.2 12.4



#49

Dibromochloromethane

Concen: 49.766 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX030389.D

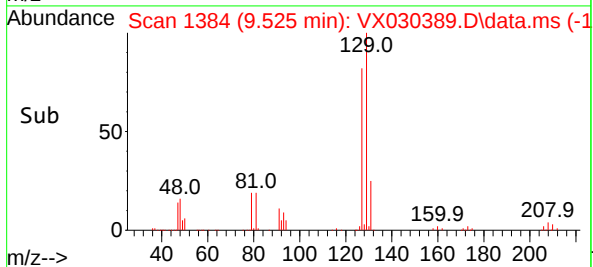
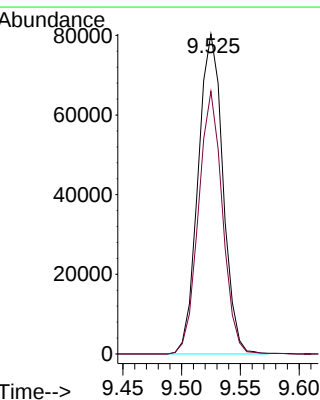
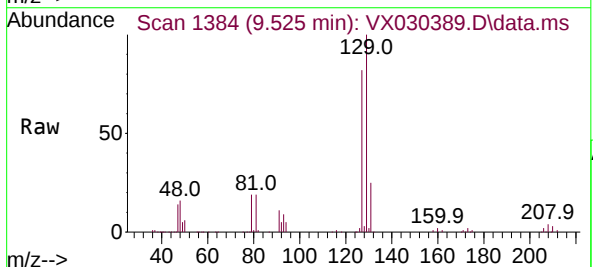
Acq: 04 Aug 2022 13:25

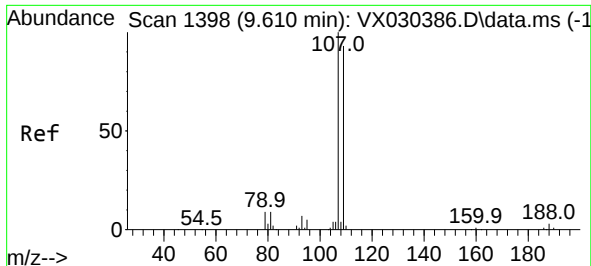
Tgt Ion:129 Resp: 117971

Ion Ratio Lower Upper

129 100

127 82.1 55.6 103.2





#50

1,2-Dibromoethane

Concen: 49.296 ug/L

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VICV606

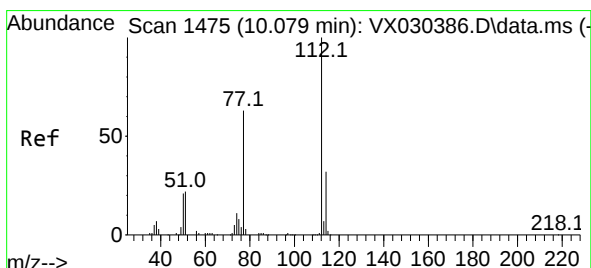
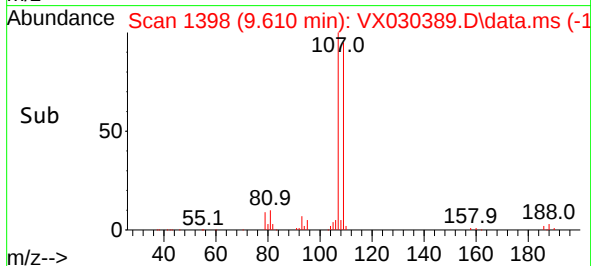
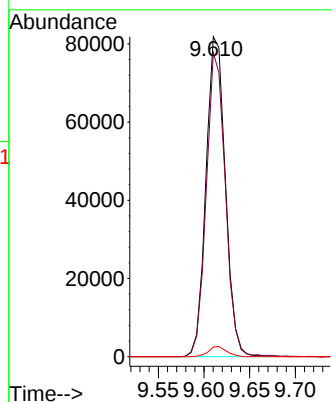
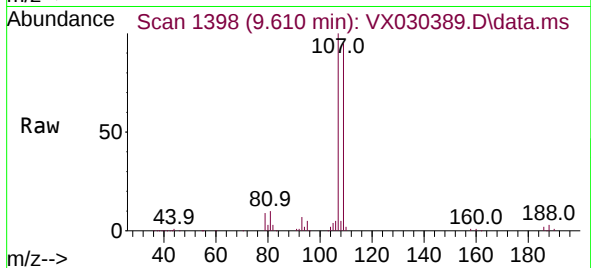
Tgt Ion:107 Resp: 120794

Ion Ratio Lower Upper

107 100

109 95.0 64.8 120.4

188 3.0 2.2 3.2



#51

Chlorobenzene

Concen: 50.093 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

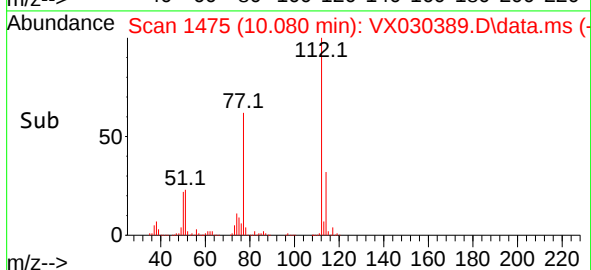
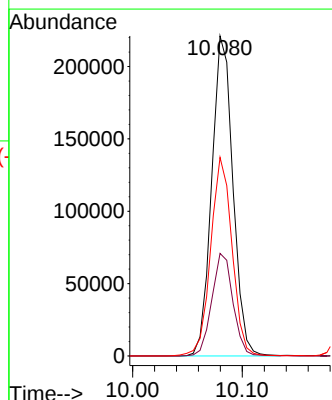
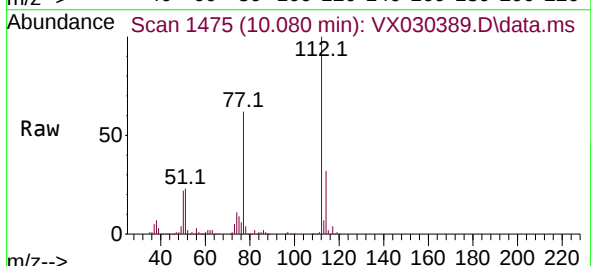
Tgt Ion:112 Resp: 297127

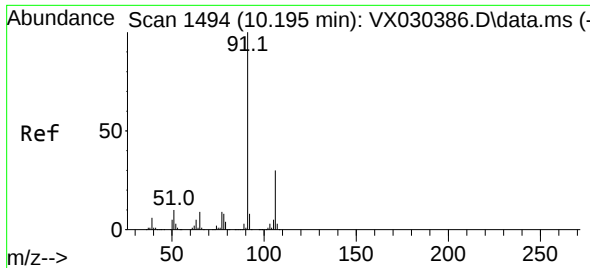
Ion Ratio Lower Upper

112 100

114 32.1 22.3 41.5

77 62.1 50.8 76.2

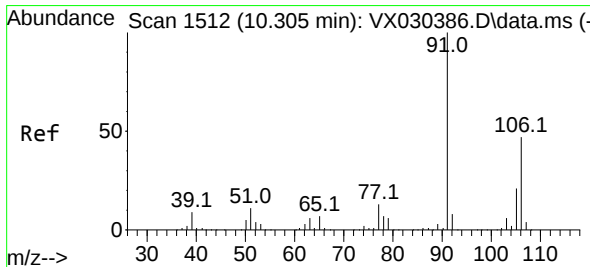
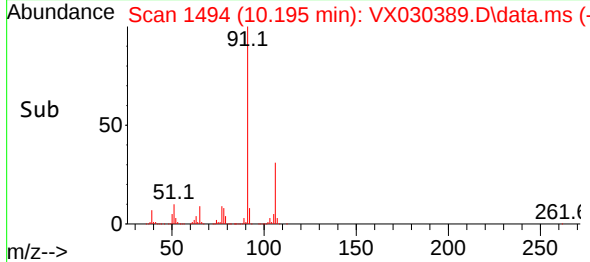
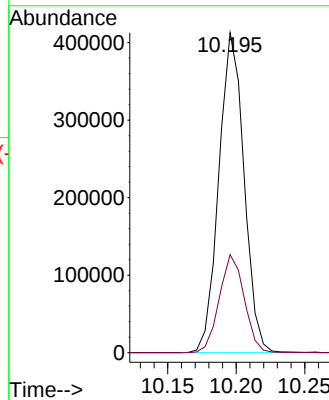
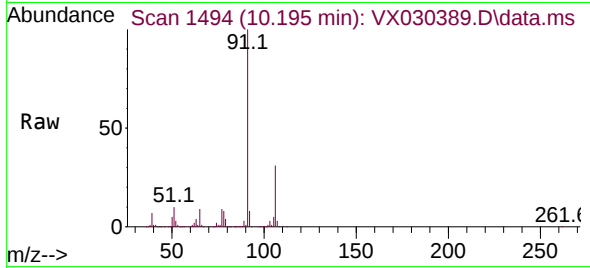




#52
Ethylbenzene
Concen: 50.753 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

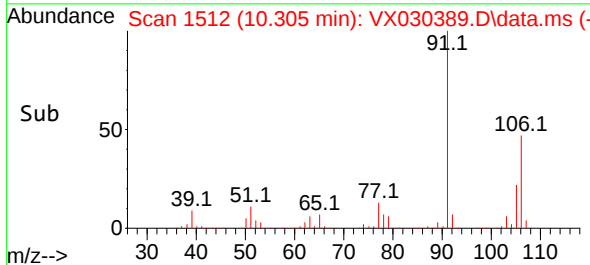
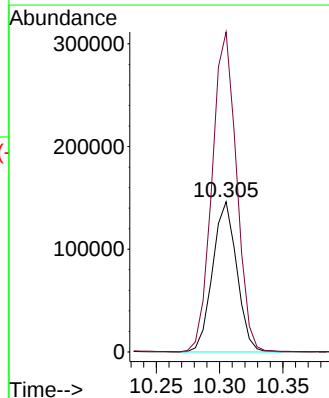
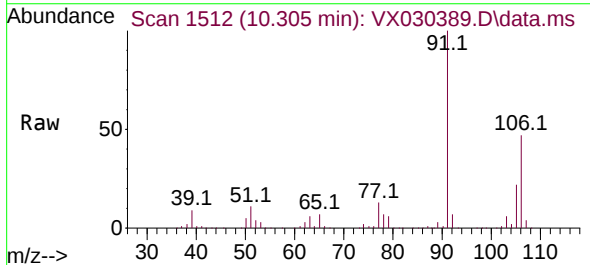
Instrument :
MSVOA_X
ClientSampleId :
VICV606

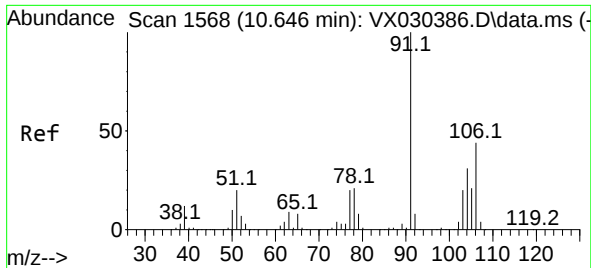
Tgt Ion: 91 Resp: 526874
Ion Ratio Lower Upper
91 100
106 30.6 21.3 39.5



#53
m,p-Xylene
Concen: 50.300 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 106 Resp: 194628
Ion Ratio Lower Upper
106 100
91 212.9 147.8 274.6

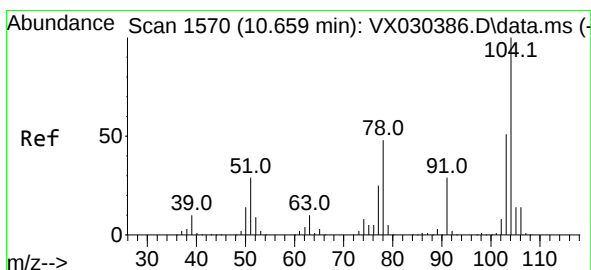
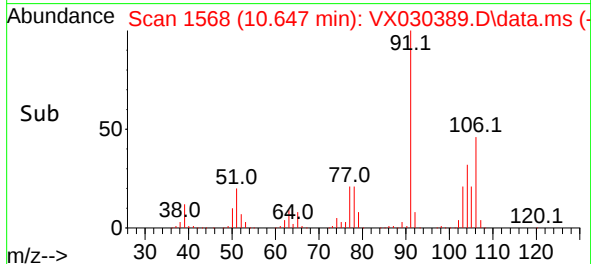
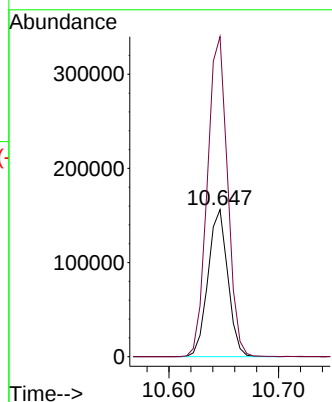
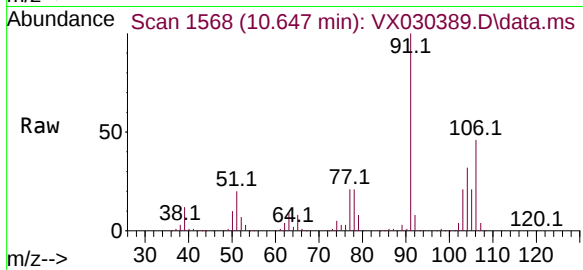




#54
o-Xylene
Concen: 50.927 ug/L
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

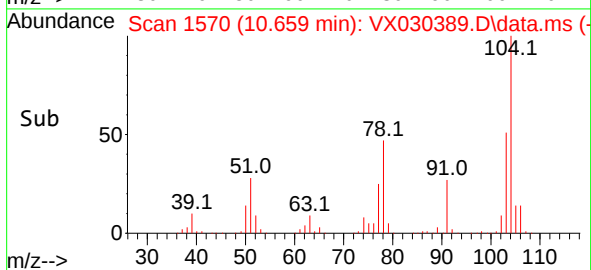
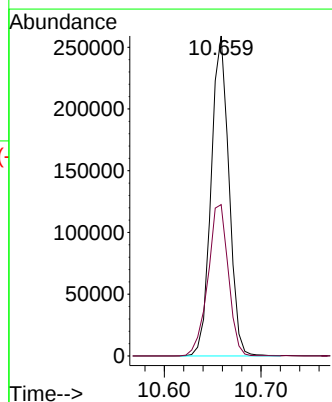
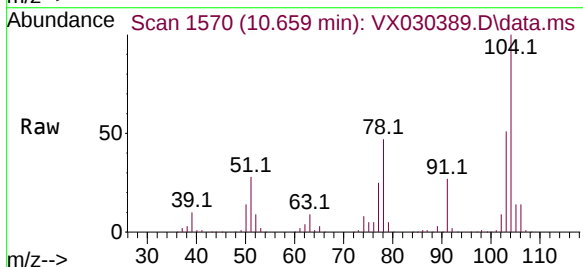
Instrument :
MSVOA_X
ClientSampleId :
VICV606

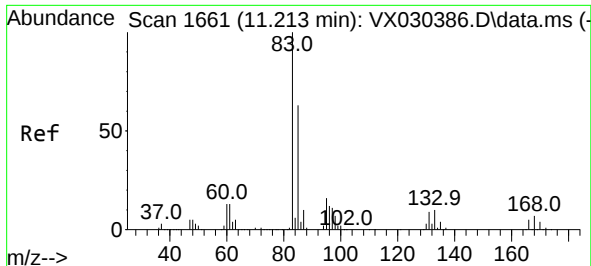
Tgt Ion:106 Resp: 196356
Ion Ratio Lower Upper
106 100
91 217.6 157.8 293.0



#55
Styrene
Concen: 51.211 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion:104 Resp: 332467
Ion Ratio Lower Upper
104 100
78 47.3 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 51.293 ug/L

RT: 11.214 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VICV606

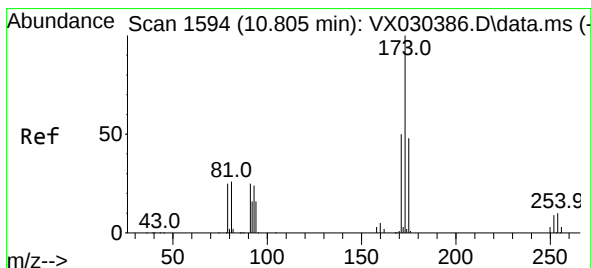
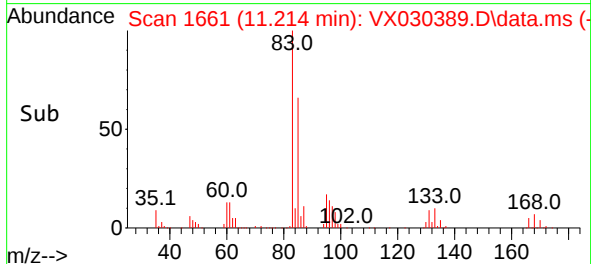
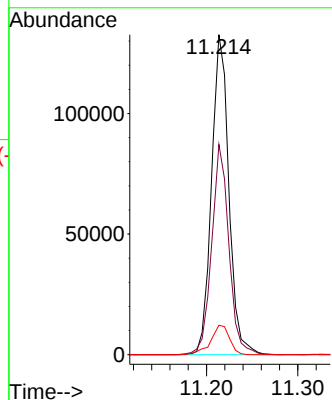
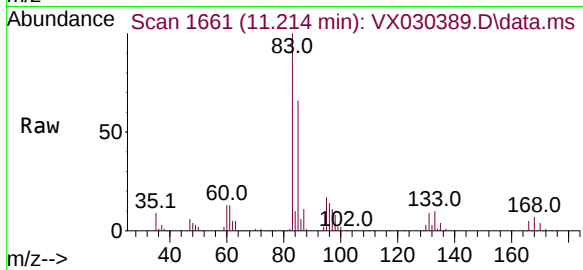
Tgt Ion: 83 Resp: 173902

Ion Ratio Lower Upper

83 100

85 65.7 44.4 82.4

131 9.2 7.5 11.3



#59

Bromoform

Concen: 52.187 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

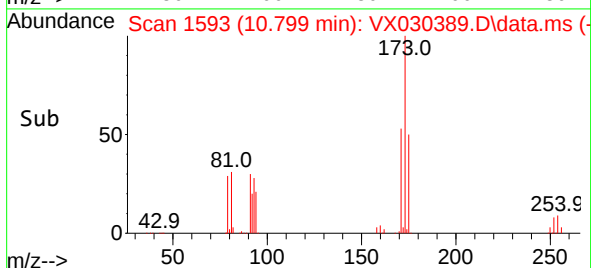
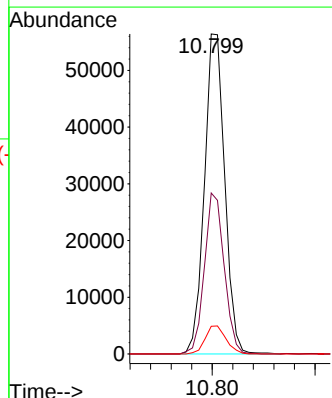
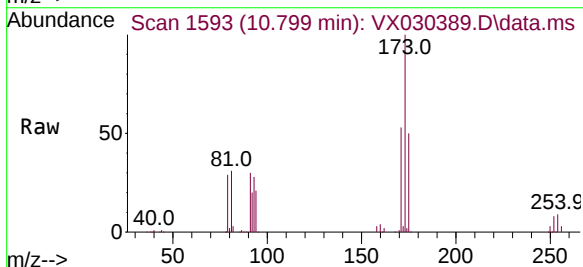
Tgt Ion:173 Resp: 77714

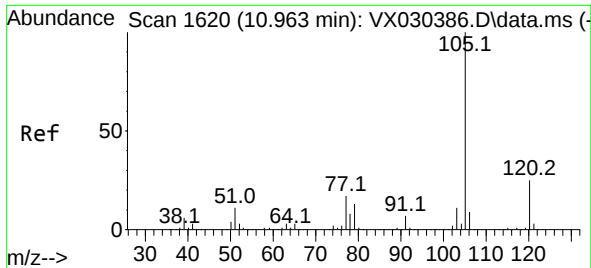
Ion Ratio Lower Upper

173 100

175 48.9 38.9 58.3

254 9.0 7.0 10.4

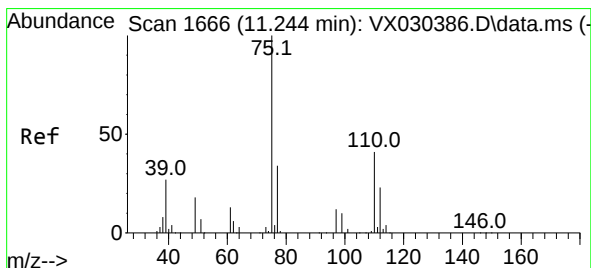
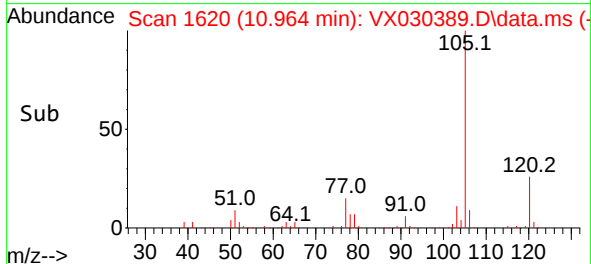
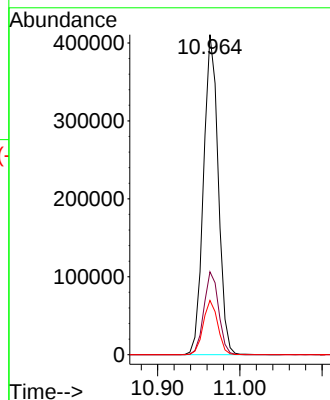
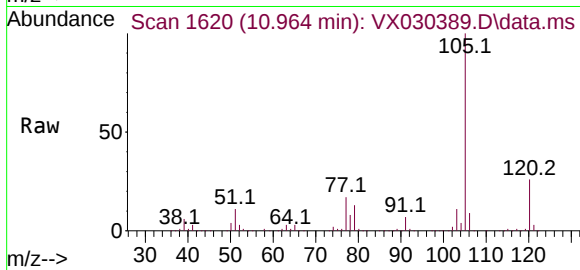




#60
Isopropylbenzene
Concen: 52.604 ug/L
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

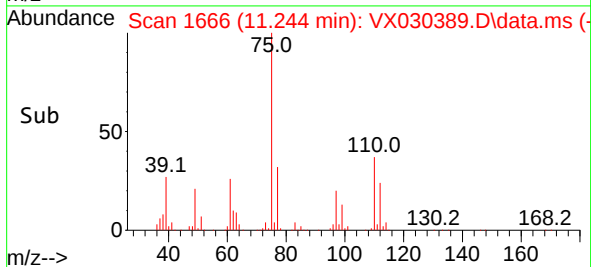
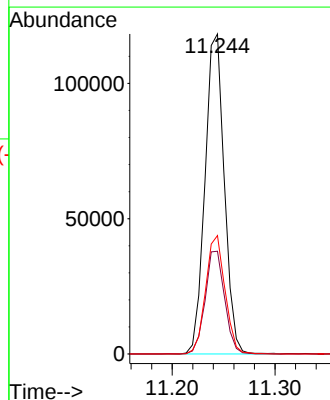
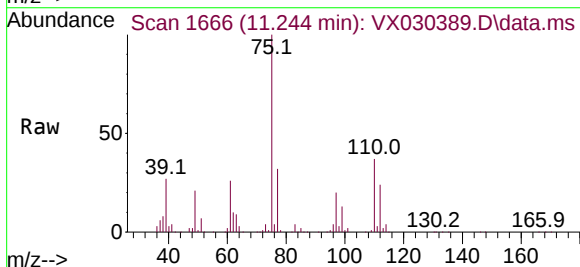
Instrument :
MSVOA_X
ClientSampleId :
VICV606

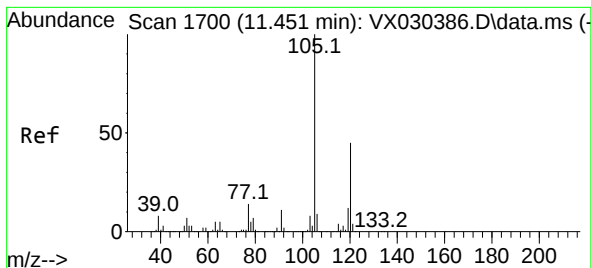
Tgt Ion:105 Resp: 509892
Ion Ratio Lower Upper
105 100
120 25.9 20.6 31.0
77 16.8 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 52.583 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion: 75 Resp: 154424
Ion Ratio Lower Upper
75 100
77 32.5 26.1 39.1
110 37.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 53.734 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

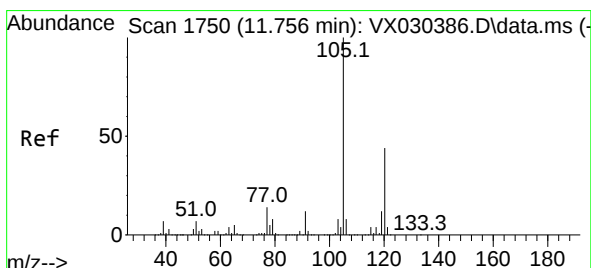
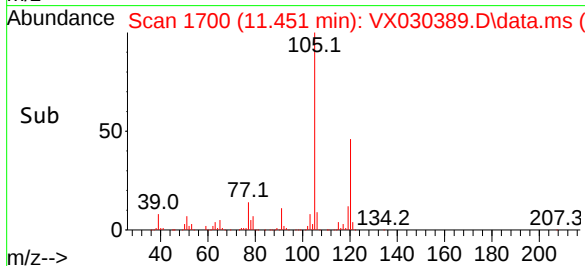
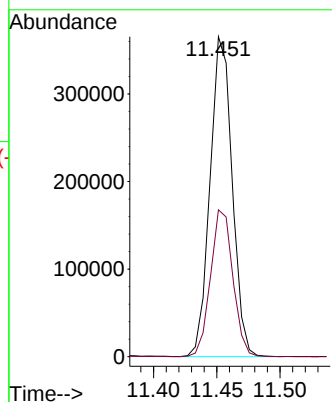
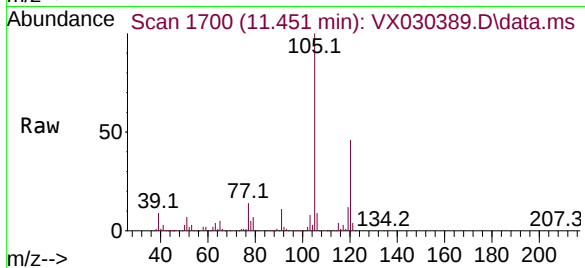
VICV606

Tgt Ion:105 Resp: 444672

Ion Ratio Lower Upper

105 100

120 46.4 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 51.648 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX030389.D

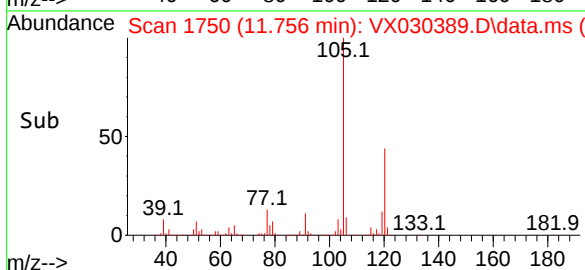
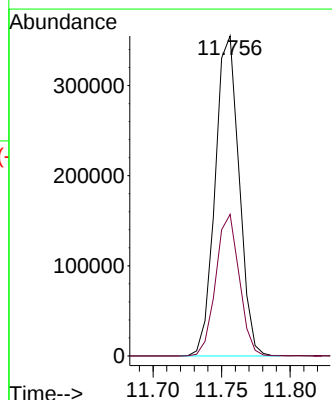
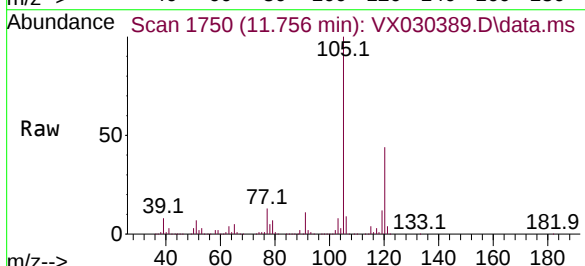
Acq: 04 Aug 2022 13:25

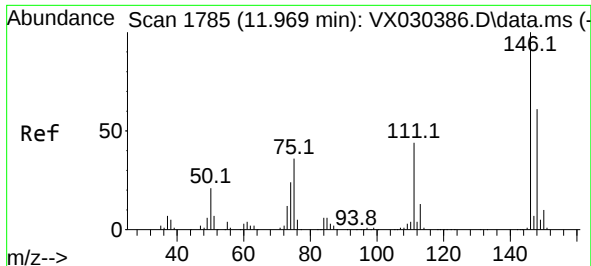
Tgt Ion:105 Resp: 431632

Ion Ratio Lower Upper

105 100

120 43.4 35.9 53.9

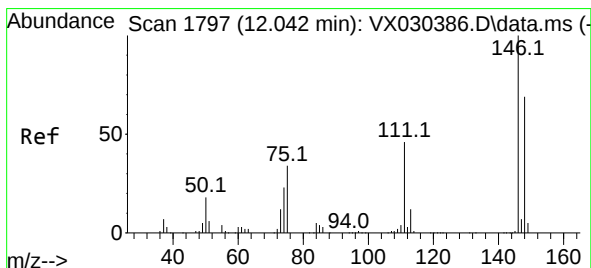
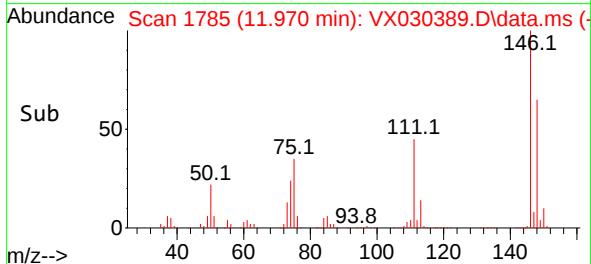
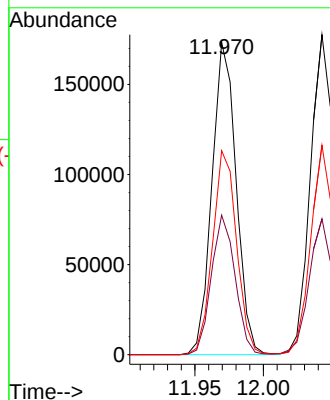
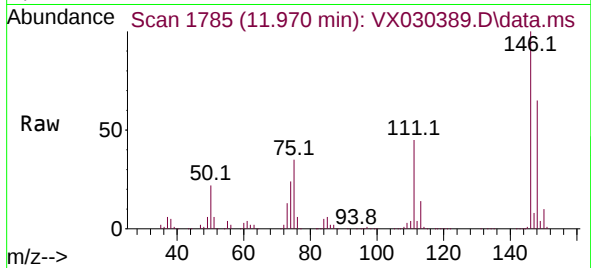




#64
1,3-Dichlorobenzene
Concen: 50.488 ug/L
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

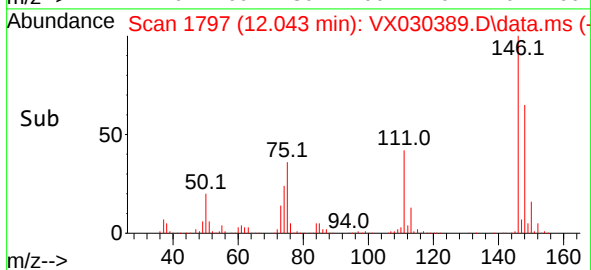
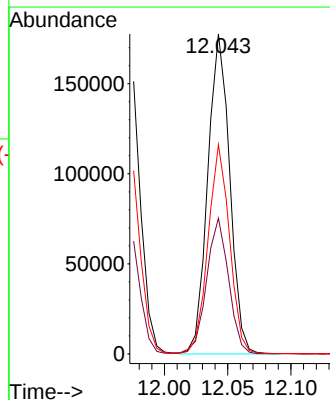
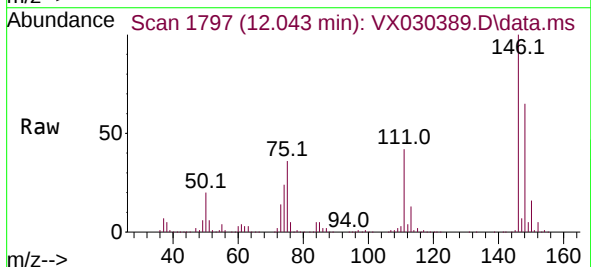
Instrument :
MSVOA_X
ClientSampleId :
VICV606

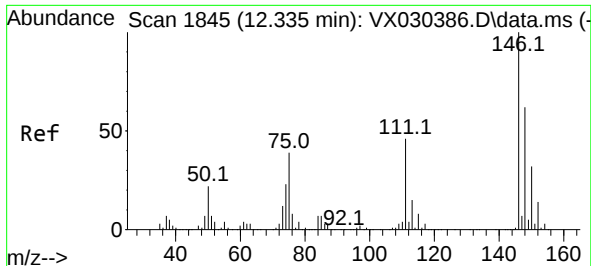
Tgt Ion:146 Resp: 212738
Ion Ratio Lower Upper
146 100
111 44.7 30.9 57.5
148 65.4 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 50.101 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion:146 Resp: 214606
Ion Ratio Lower Upper
146 100
111 42.4 32.6 60.6
148 65.4 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 48.745 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VICV606

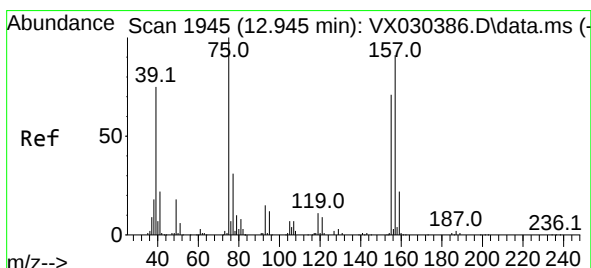
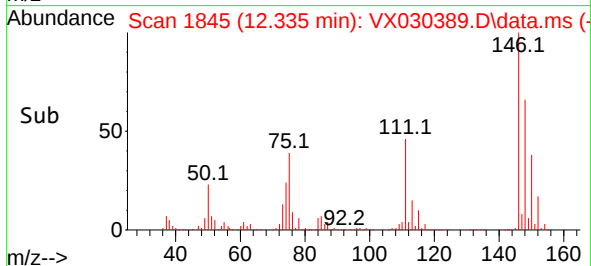
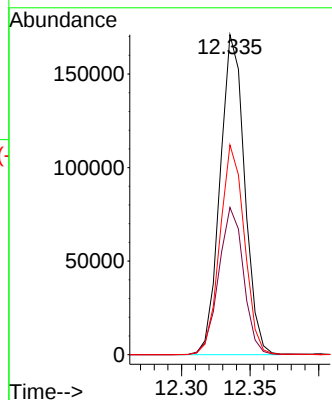
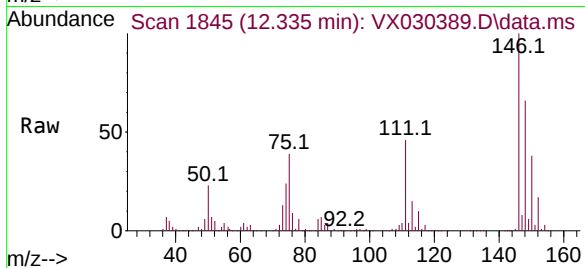
Tgt Ion:146 Resp: 212405

Ion Ratio Lower Upper

146 100

111 46.0 36.9 55.3

148 65.6 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 48.280 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

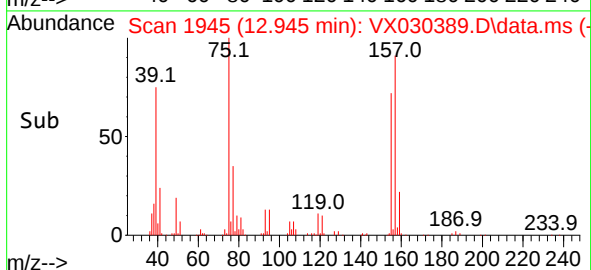
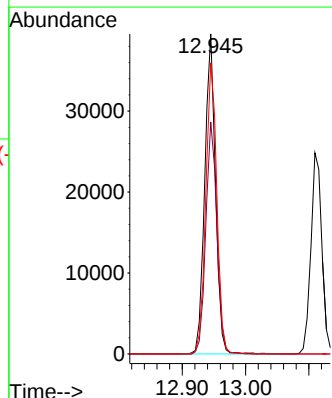
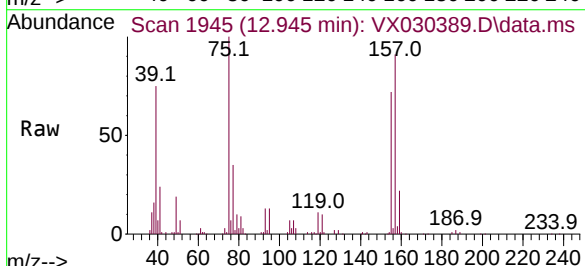
Tgt Ion: 75 Resp: 46771

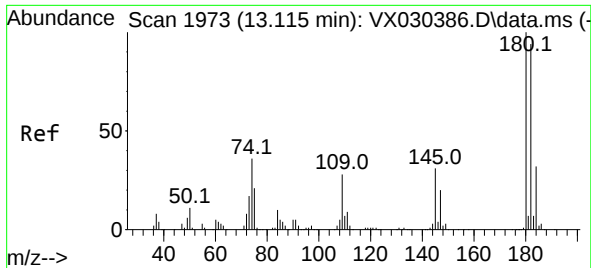
Ion Ratio Lower Upper

75 100

155 72.5 57.1 85.7

157 91.0 73.1 109.7

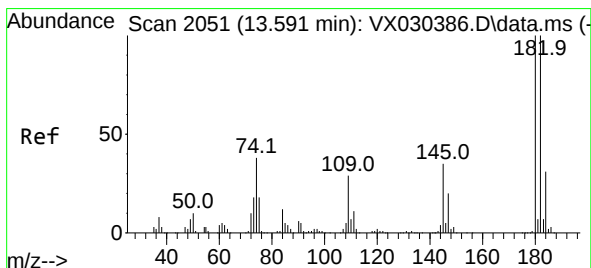
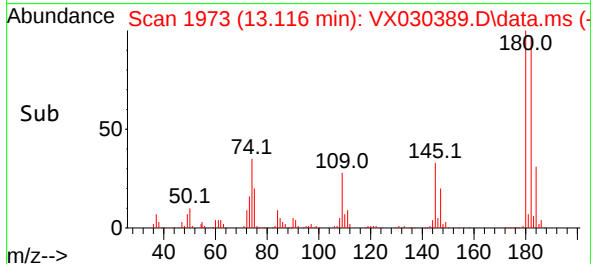
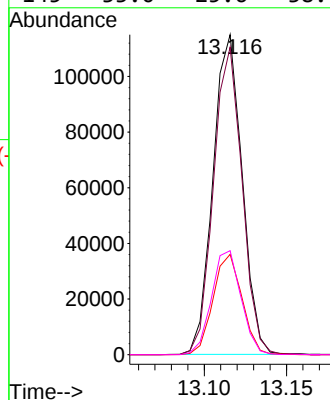
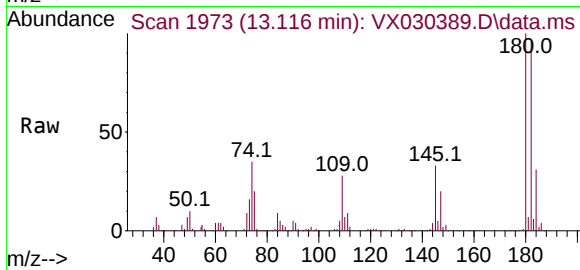




#69
1,3,5-Trichlorobenzene
Concen: 47.876 ug/L
RT: 13.116 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

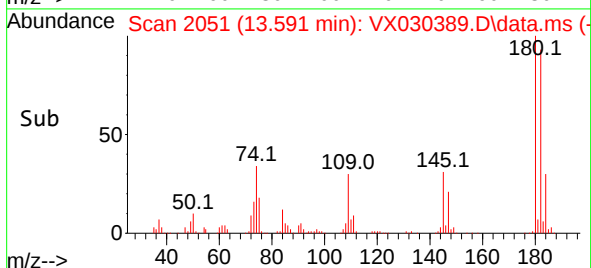
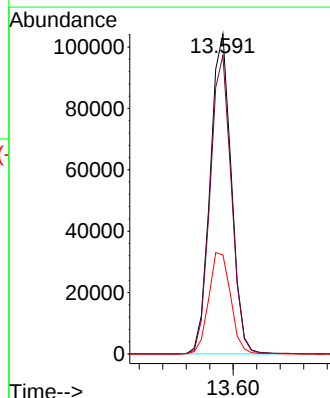
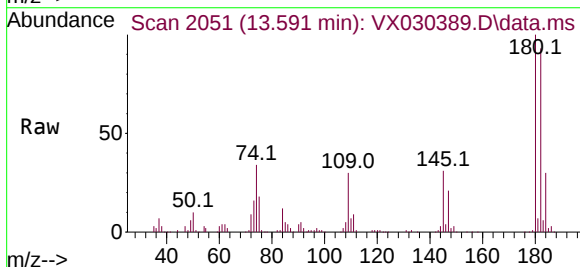
Instrument :
MSVOA_X
ClientSampleId :
VICV606

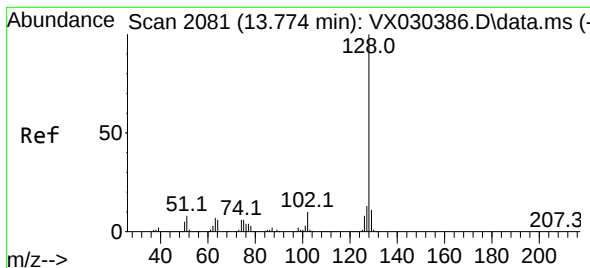
Tgt Ion:180 Resp: 141474
Ion Ratio Lower Upper
180 100
182 94.2 73.7 110.5
184 31.2 24.1 36.1
145 33.0 25.6 38.4



#70
1,2,4-trichlorobenzene
Concen: 49.935 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030389.D
Acq: 04 Aug 2022 13:25

Tgt Ion:180 Resp: 129590
Ion Ratio Lower Upper
180 100
182 93.1 72.7 109.1
145 32.9 26.6 40.0





#71

Naphthalene

Concen: 49.313 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Instrument :

MSVOA_X

ClientSampleId :

VICV606

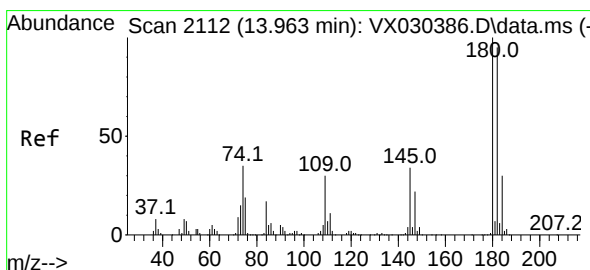
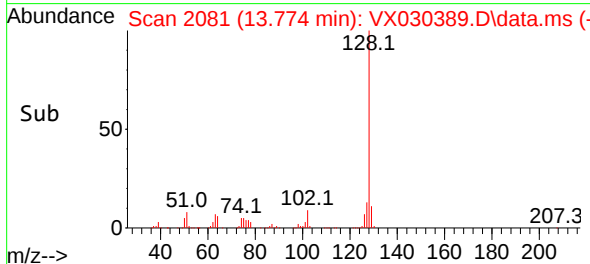
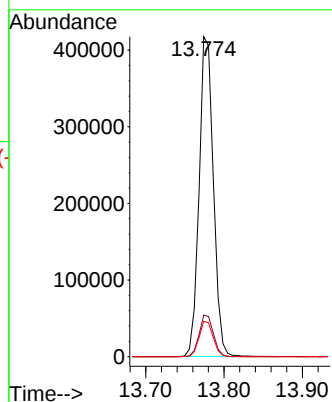
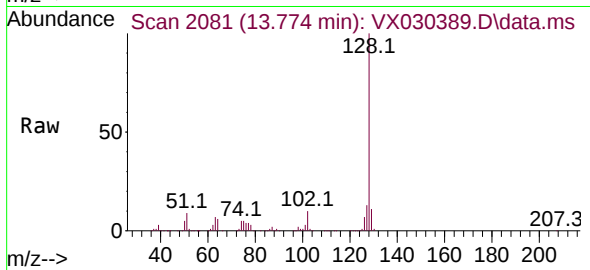
Tgt Ion:128 Resp: 529743

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 48.137 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030389.D

Acq: 04 Aug 2022 13:25

Tgt Ion:180 Resp: 131958

Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

145 35.2 28.4 42.6

