

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030388.D
 Acq On : 04 Aug 2022 12:18
 Operator : JC/MD
 Sample : VSTD20005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200605

Quant Time: Aug 05 04:58:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 04:51:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	332718	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	295507	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149012	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	413905	193.716	ug/L	0.00
7) Chloroethane-d5	1.660	69	205036	136.125	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	790026	195.469	ug/L	0.00
21) 2-Butanone-d5	4.465	46	797671	402.921	ug/L	0.00
24) Chloroform-d	5.062	84	856001	194.617	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	568385	190.317	ug/L	0.00
32) Benzene-d6	5.983	84	1633206	192.943	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	525874	191.483	ug/L	0.00
41) Toluene-d8	8.653	98	1550085	194.273	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	282332	206.648	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	557364	398.159	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	696723	193.117	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	549259	190.039	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	505846	202.046	ug/L	96
3) Chloromethane	1.288	50	408354	189.694	ug/L	98
5) Vinyl chloride	1.374	62	440581	191.600	ug/L	100
6) Bromomethane	1.605	94	190850	176.616	ug/L	98
8) Chloroethane	1.678	64	223789	170.856	ug/L	100
9) Trichlorofluoromethane	1.880	101	636878	187.402	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	395563	195.692	ug/L	99
12) 1,1-Dichloroethene	2.319	96	374427	201.061	ug/L #	73
13) Acetone	2.392	43	572337	394.314	ug/L	100
14) Carbon disulfide	2.508	76	1188234	196.864	ug/L	99
15) Methyl Acetate	2.709	43	580269	193.215	ug/L	100
16) Methylene chloride	2.788	84	441676	187.043	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	421746	195.483	ug/L	95
18) Methyl tert-butyl Ether	3.123	73	1425883	194.344	ug/L	100
19) 1,1-Dichloroethane	3.611	63	801504	192.078	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	473397	195.058	ug/L	95
22) 2-Butanone	4.568	43	888504	388.183	ug/L	99
23) Bromochloromethane	4.910	128	227189	186.668	ug/L	98
25) Chloroform	5.099	83	844963	192.725	ug/L	100
27) 1,2-Dichloroethane	6.092	62	700208	191.888	ug/L	97
29) Cyclohexane	5.477	56	766707	195.164	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	753786	193.382	ug/L	99
31) Carbon tetrachloride	5.678	117	638556	198.489	ug/L	99
33) Benzene	6.044	78	1799078	189.886	ug/L	100
34) Trichloroethene	7.129	95	520458	189.665	ug/L	87
35) Methylcyclohexane	7.385	83	761558	190.637	ug/L	99
37) 1,2-Dichloropropane	7.434	63	474128	188.209	ug/L	100
38) Bromodichloromethane	7.824	83	646935	194.040	ug/L	95
39) cis-1,3-Dichloropropene	8.372	75	760182	202.229	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	1687953	384.768	ug/L	99
42) Toluene	8.726	91	1926342	192.464	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	765907	208.233	ug/L	100

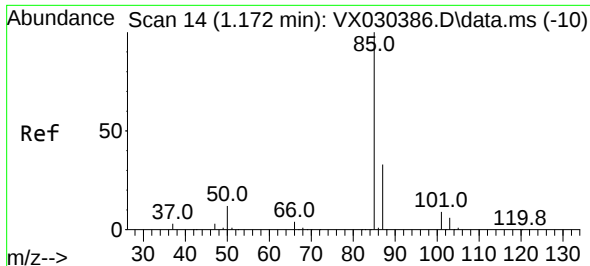
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
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 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 04:51:19 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.159	97	461206	196.892	ug/L	97
46) Tetrachloroethene	9.275	164	333558	192.338	ug/L	97
48) 2-Hexanone	9.439	43	1341494	393.569	ug/L	98
49) Dibromochloromethane	9.525	129	498251	199.935	ug/L	99
50) 1,2-Dibromoethane	9.616	107	500343	194.234	ug/L	98
51) Chlorobenzene	10.086	112	1199749	192.404	ug/L	98
52) Ethylbenzene	10.195	91	2132899	195.440	ug/L	99
53) m,p-Xylene	10.305	106	808441	198.747	ug/L	100
54) o-Xylene	10.646	106	799399	197.220	ug/L	100
55) Styrene	10.659	104	1386282	203.122	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	688642	193.211	ug/L	98
59) Bromoform	10.805	173	346069	213.268	ug/L	99
60) Isopropylbenzene	10.963	105	2088182	197.701	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	613216	191.624	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	1811614	200.899	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	1882546	206.722	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	889946	193.824	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	884141	189.421	ug/L	94
67) 1,2-Dichlorobenzene	12.341	146	879453	185.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	224530	212.702	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	650078	201.890	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	571906	202.239	ug/L	96
71) Naphthalene	13.780	128	2327355	198.822	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	599251	200.612	ug/L	100

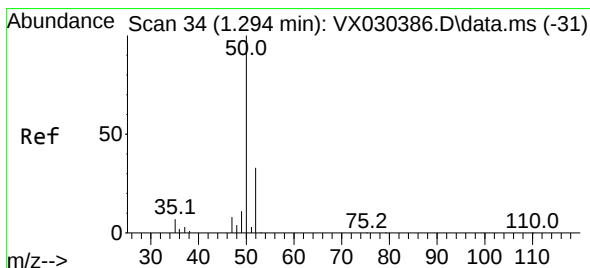
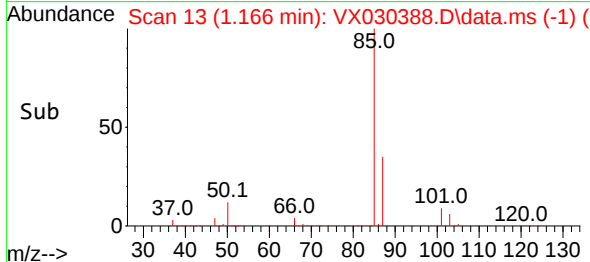
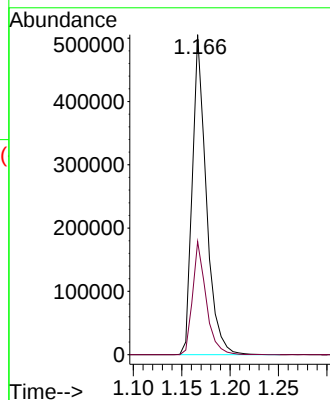
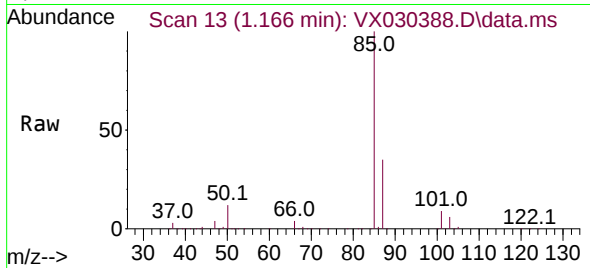
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 202.046 ug/L
RT: 1.166 min Scan# 11
Delta R.T. -0.006 min
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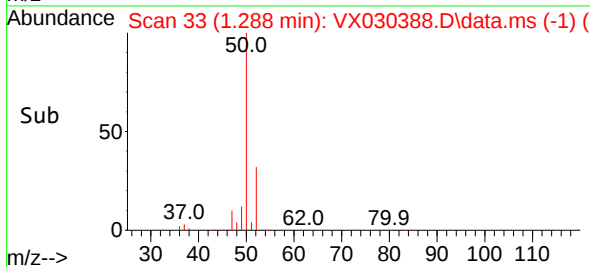
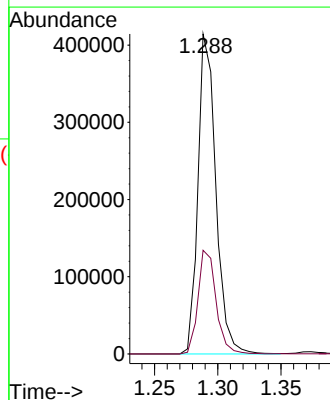
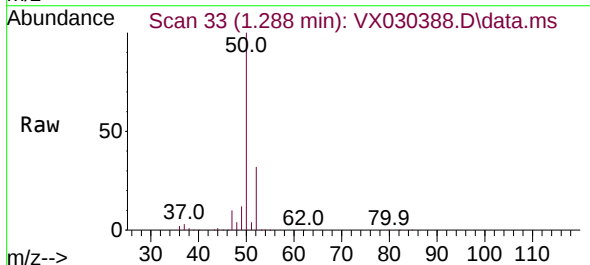
Instrument :
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ClientSampleId :
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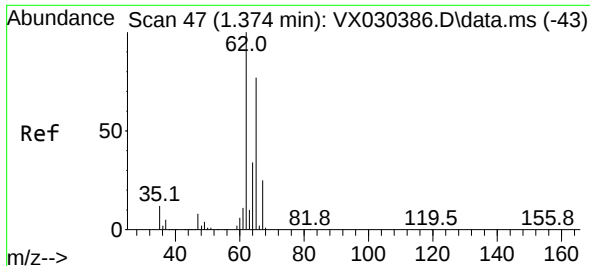
Tgt Ion: 85 Resp: 505846
Ion Ratio Lower Upper
85 100
87 34.2 25.6 38.4



#3
Chloromethane
Concen: 189.694 ug/L
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 50 Resp: 408354
Ion Ratio Lower Upper
50 100
52 32.4 23.3 43.3

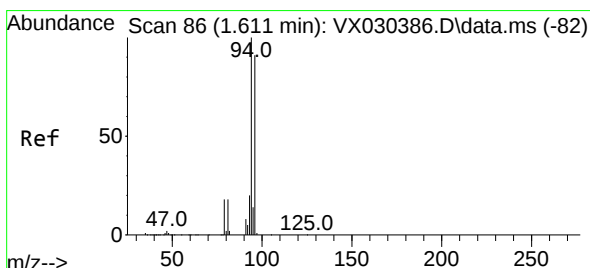
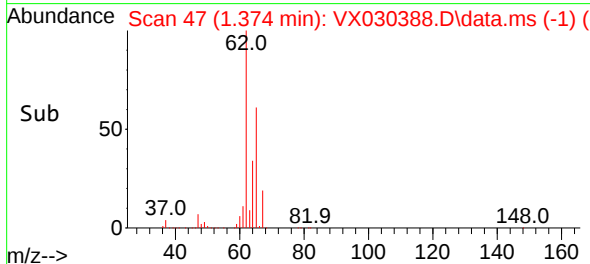
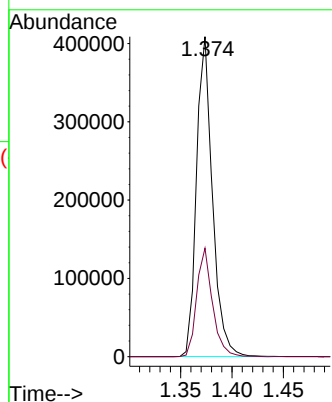
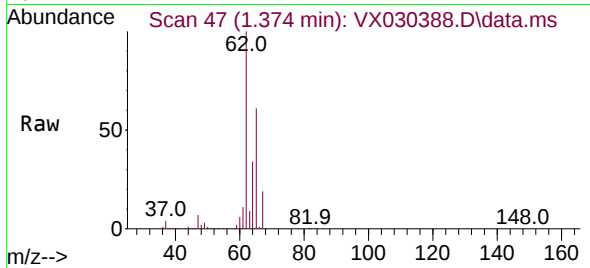




#5
 Vinyl chloride
 Concen: 191.600 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030388.D
 Acq: 04 Aug 2022 12:18

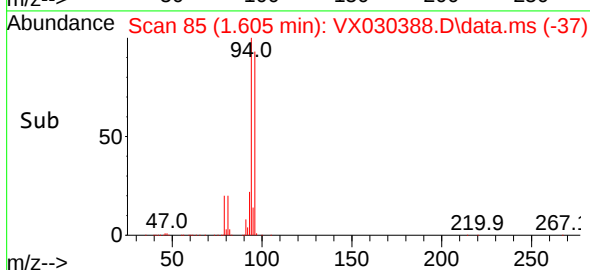
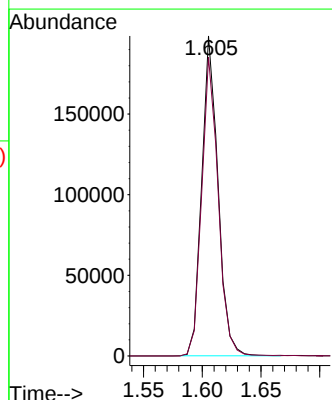
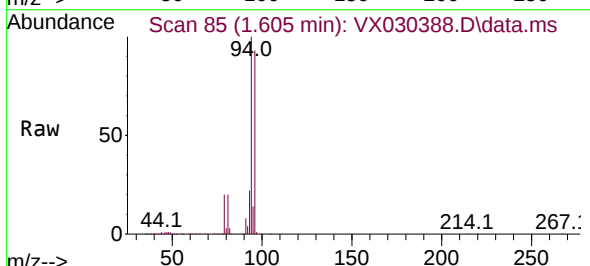
Instrument :
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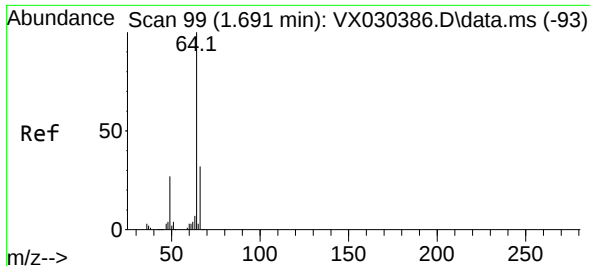
Tgt Ion: 62 Resp: 440581
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.8 44.2



#6
 Bromomethane
 Concen: 176.616 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030388.D
 Acq: 04 Aug 2022 12:18

Tgt Ion: 94 Resp: 190850
 Ion Ratio Lower Upper
 94 100
 96 93.4 63.8 118.6

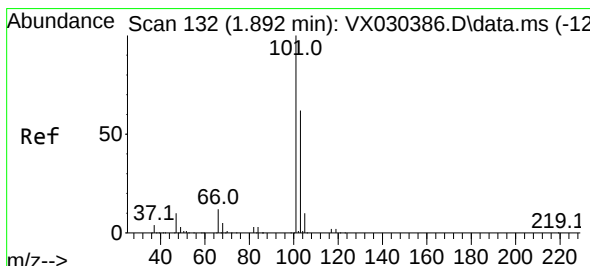
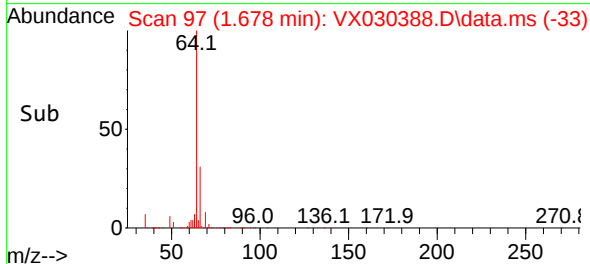
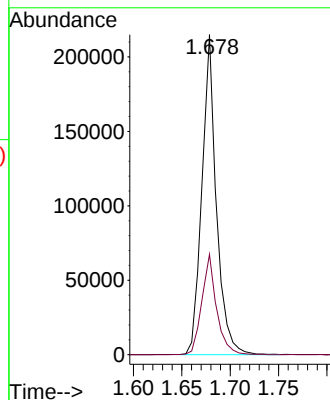
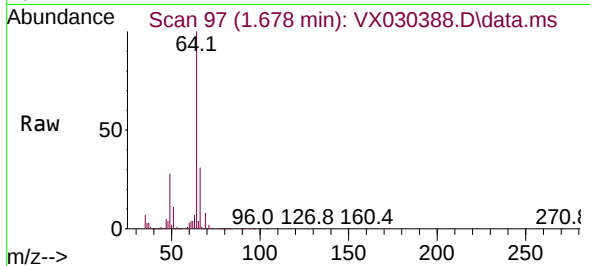




#8
Chloroethane
Concen: 170.856 ug/L
RT: 1.678 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

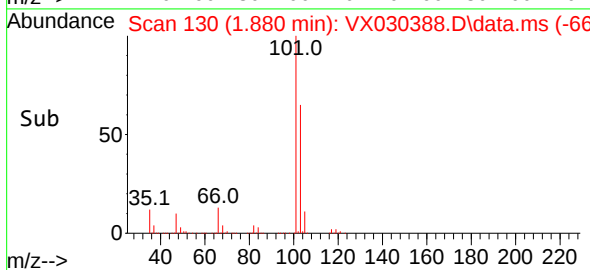
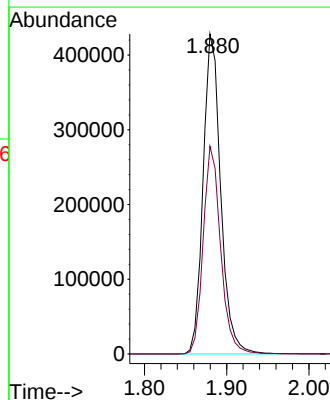
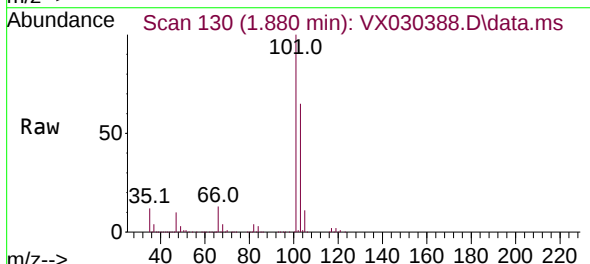
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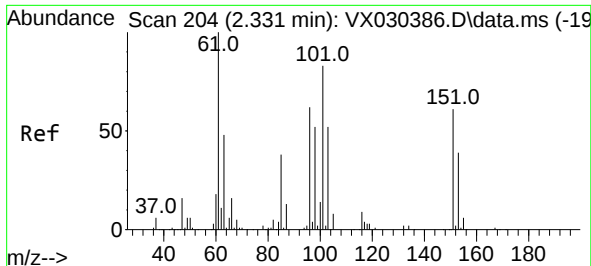
Tgt Ion: 64 Resp: 223789
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 187.402 ug/L
RT: 1.880 min Scan# 130
Delta R.T. -0.012 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 101 Resp: 636878
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

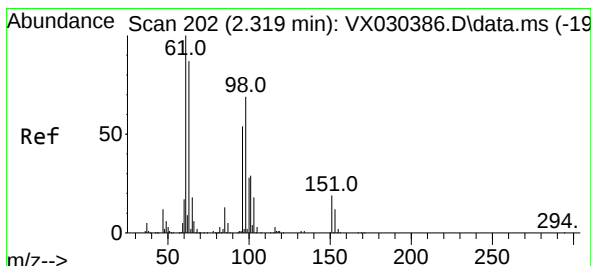
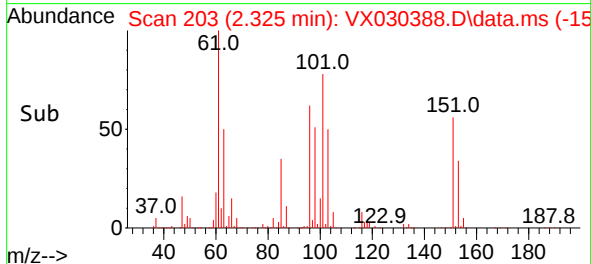
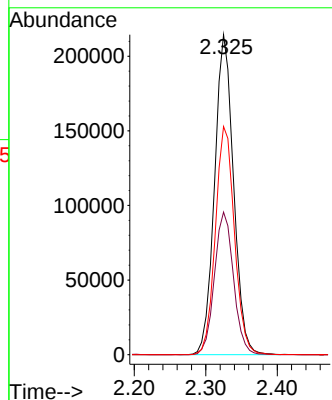
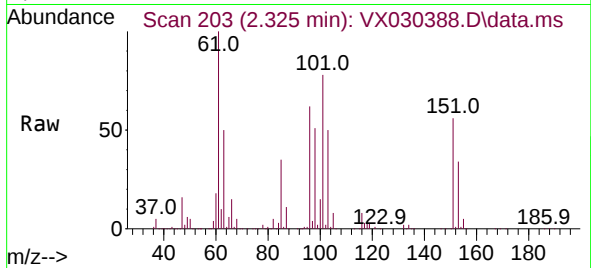




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 195.692 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX030388.D
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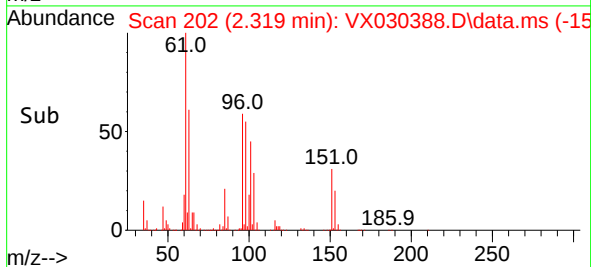
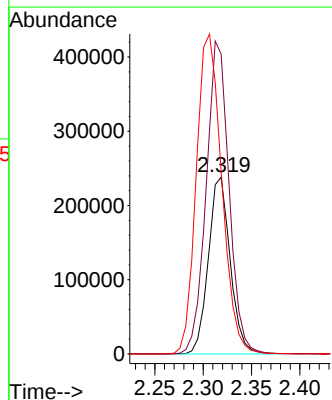
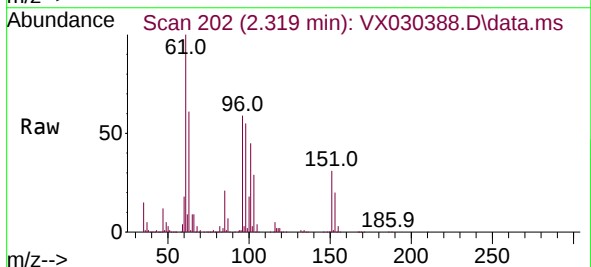
Instrument :
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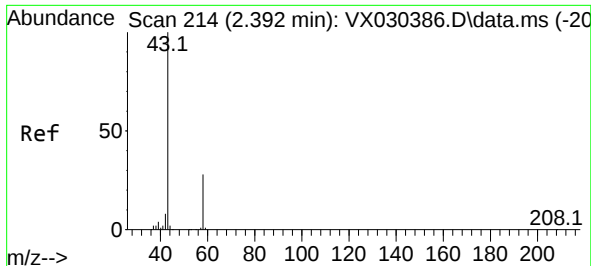
Tgt Ion:101 Resp: 395563
Ion Ratio Lower Upper
101 100
85 44.7 35.3 52.9
151 71.6 58.3 87.5



#12
1,1-Dichloroethene
Concen: 201.061 ug/L
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 96 Resp: 374427
Ion Ratio Lower Upper
96 100
61 169.7 130.2 241.8
63 103.2 113.5 210.9#

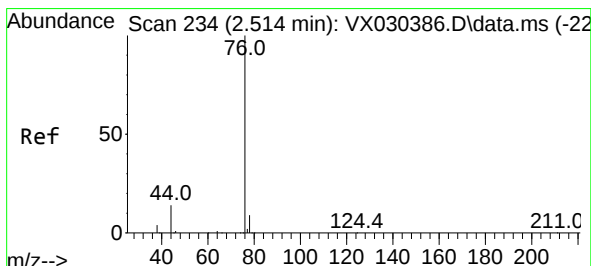
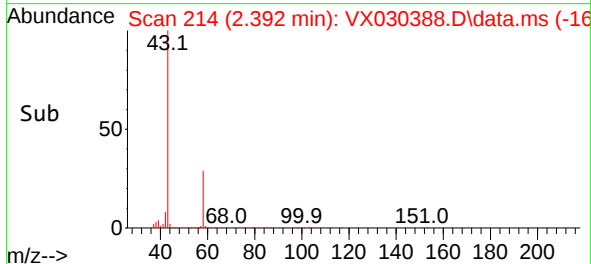
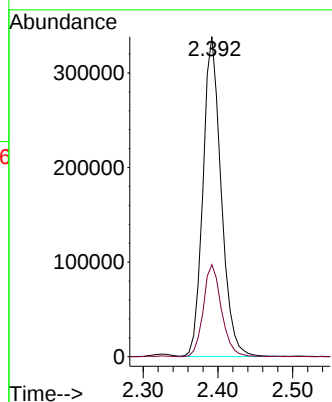
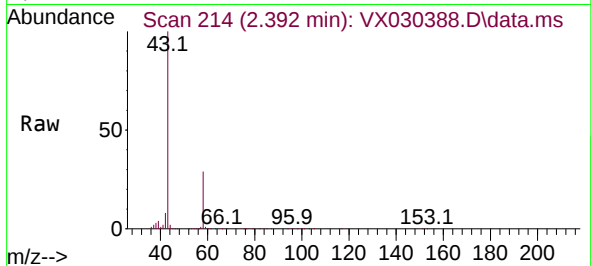




#13
Acetone
Concen: 394.314 ug/L
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030388.D
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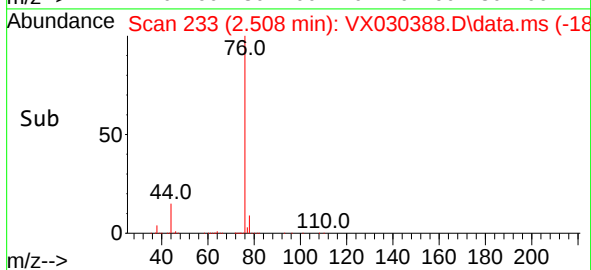
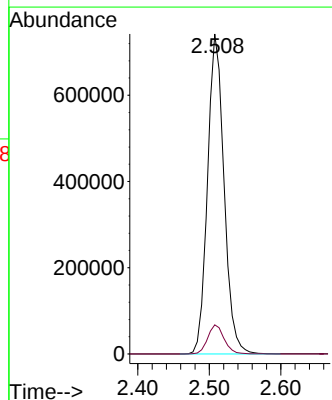
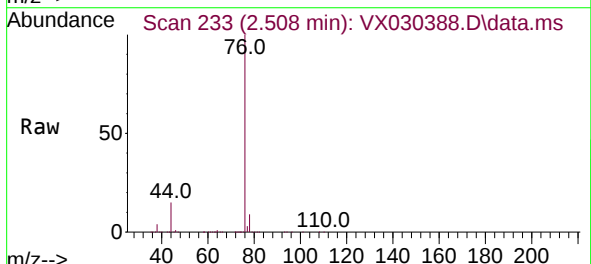
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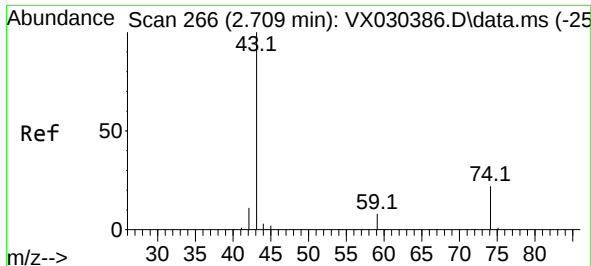
Tgt Ion: 43 Resp: 572337
Ion Ratio Lower Upper
43 100
58 28.8 0.0 57.8



#14
Carbon disulfide
Concen: 196.864 ug/L
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 76 Resp: 1188234
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

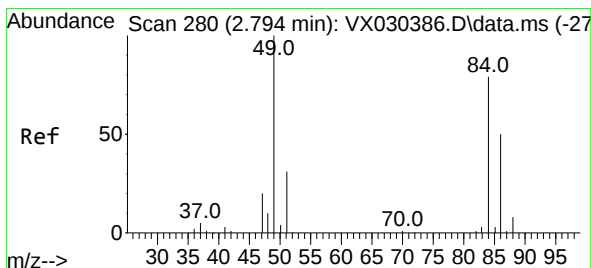
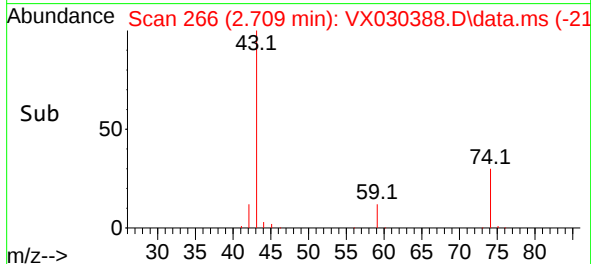
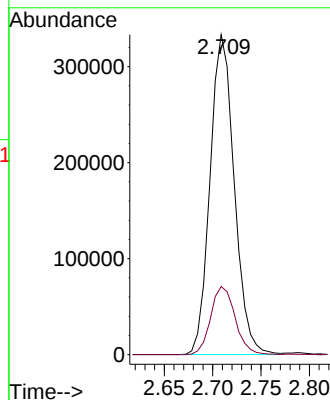
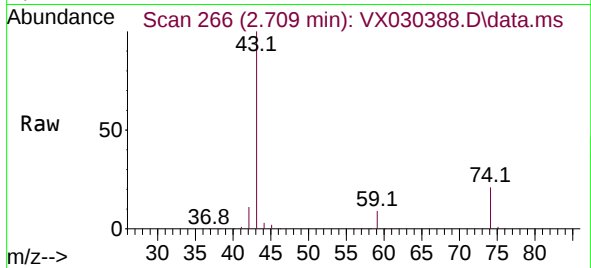




#15
Methyl Acetate
Concen: 193.215 ug/L
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030388.D
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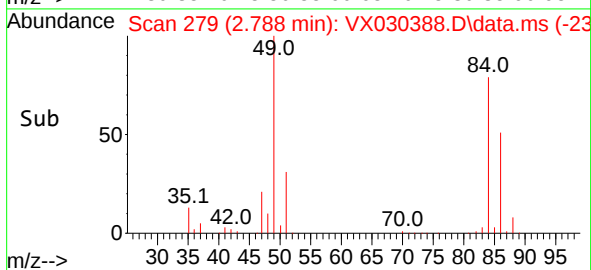
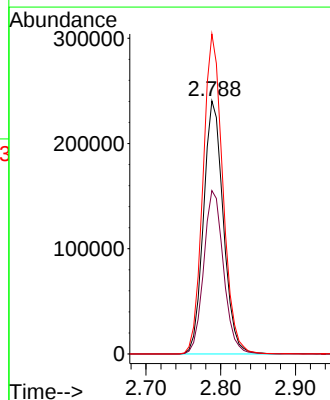
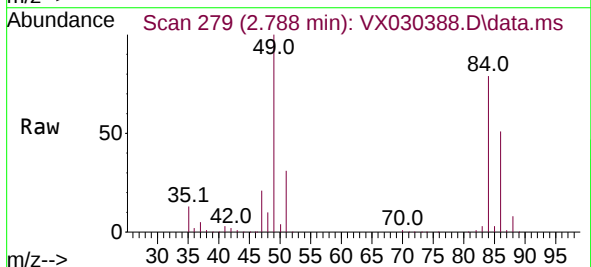
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ClientSampleId :
VSTD200605

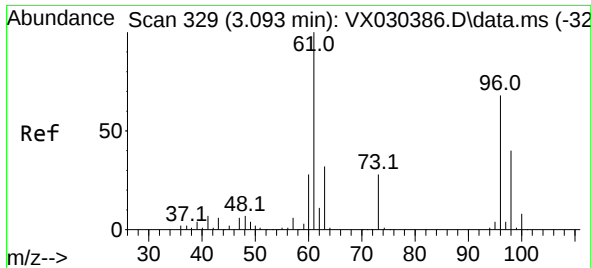
Tgt Ion: 43 Resp: 580269
Ion Ratio Lower Upper
43 100
74 21.6 17.2 25.8



#16
Methylene chloride
Concen: 187.043 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 84 Resp: 441676
Ion Ratio Lower Upper
84 100
86 64.6 44.2 82.2
49 126.5 89.0 165.2



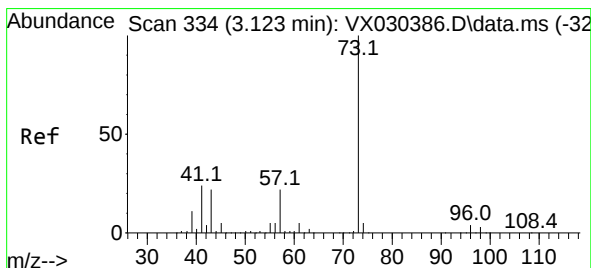
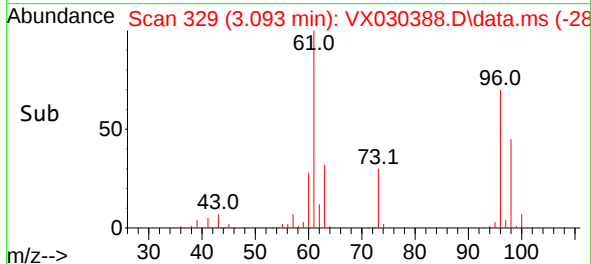
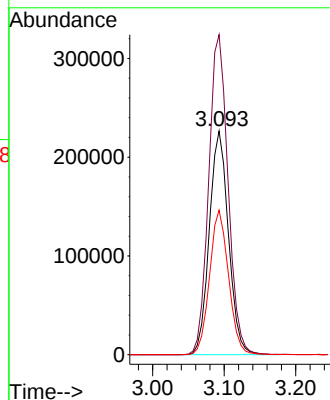
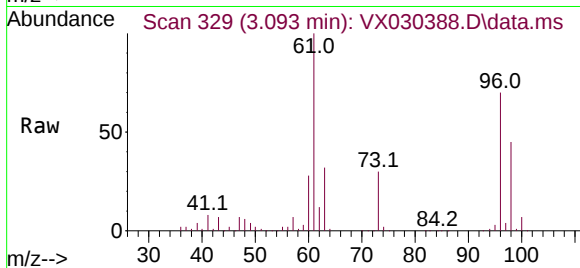


#17
 trans-1,2-Dichloroethene
 Concen: 195.483 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX030388.D
 Acq: 04 Aug 2022 12:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200605

Tgt Ion: 96 Resp: 421746

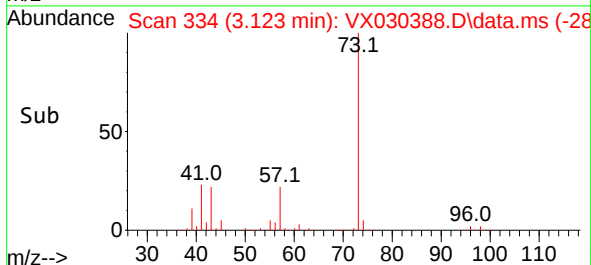
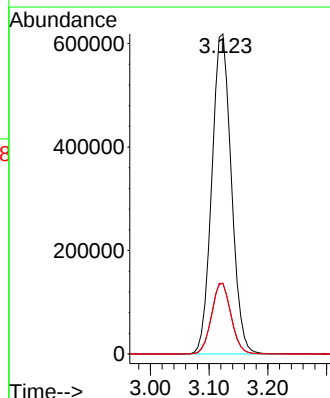
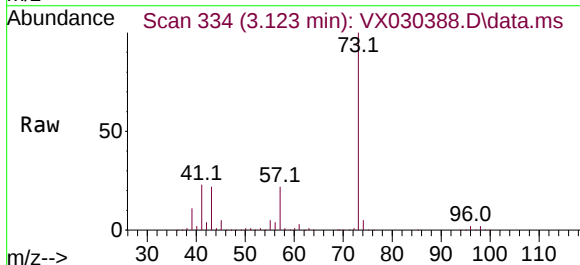
Ion	Ratio	Lower	Upper
96	100		
61	143.1	103.7	192.5
98	64.6	41.5	77.1

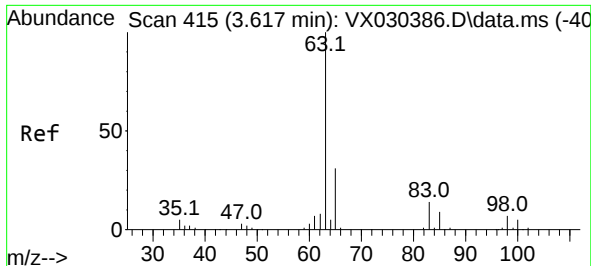


#18
 Methyl tert-butyl Ether
 Concen: 194.344 ug/L
 RT: 3.123 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VX030388.D
 Acq: 04 Aug 2022 12:18

Tgt Ion: 73 Resp: 1425883

Ion	Ratio	Lower	Upper
73	100		
43	22.1	17.6	26.4
57	22.0	17.5	26.3

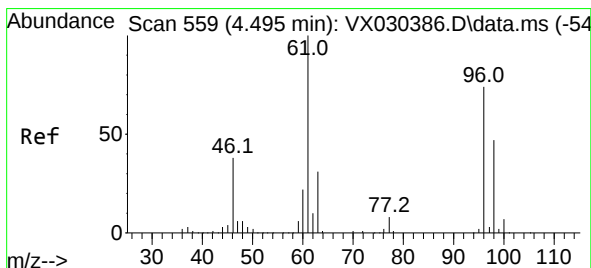
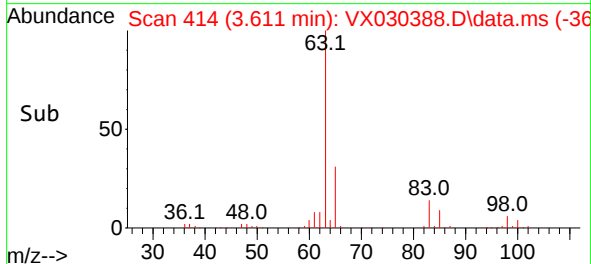
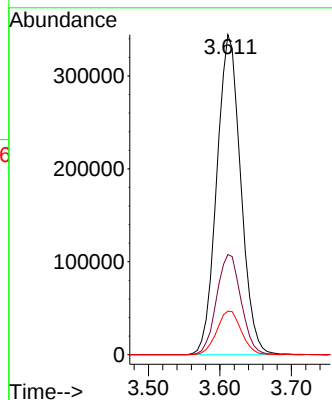
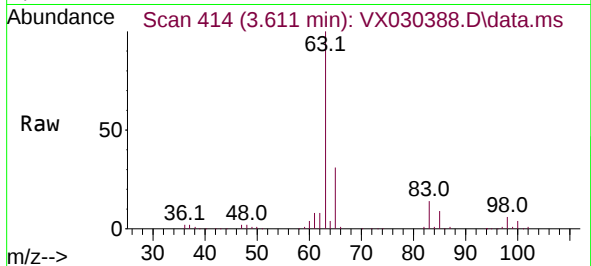




#19
1,1-Dichloroethane
Concen: 192.078 ug/L
RT: 3.611 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

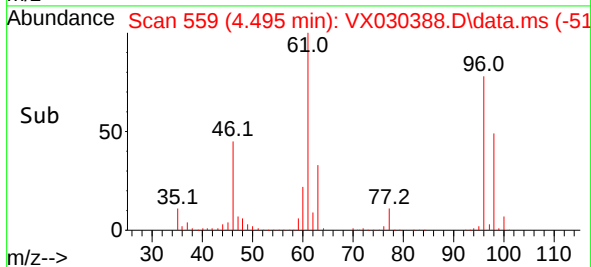
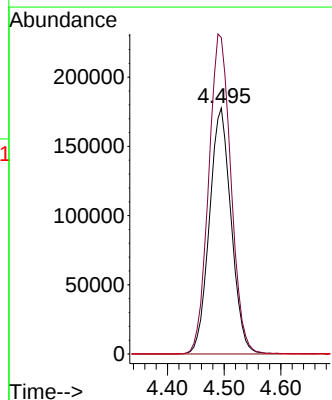
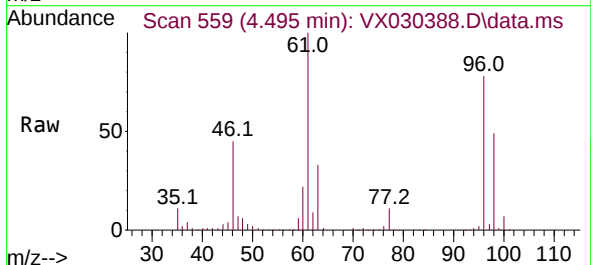
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

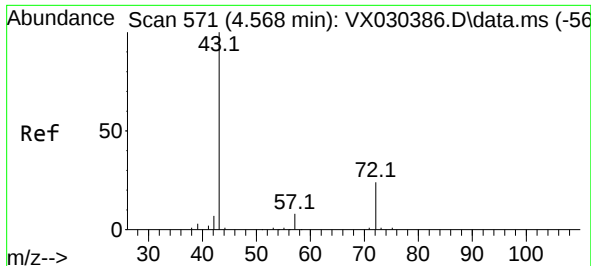
Tgt Ion: 63 Resp: 801504
Ion Ratio Lower Upper
63 100
65 31.3 22.0 40.8
83 13.6 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 195.058 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 96 Resp: 473397
Ion Ratio Lower Upper
96 100
61 128.6 94.0 174.6
68 0.0 0.0 0.0

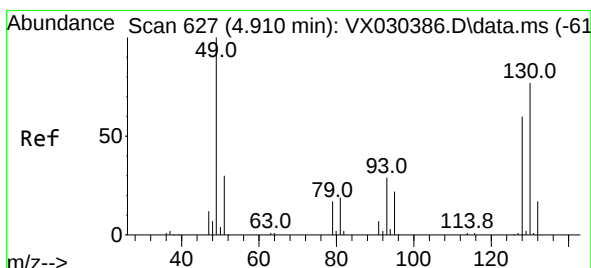
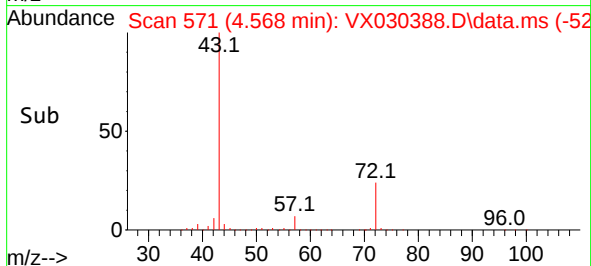
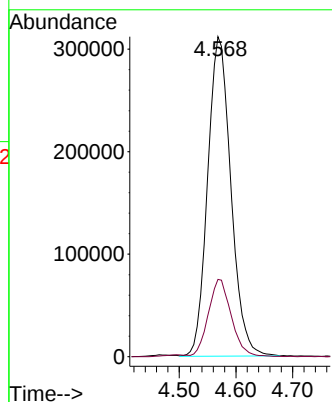
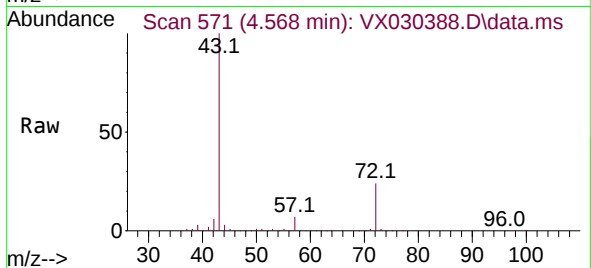




#22
2-Butanone
Concen: 388.183 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

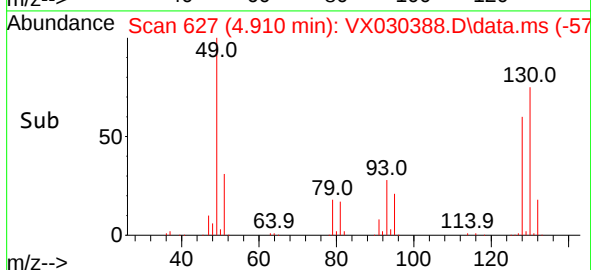
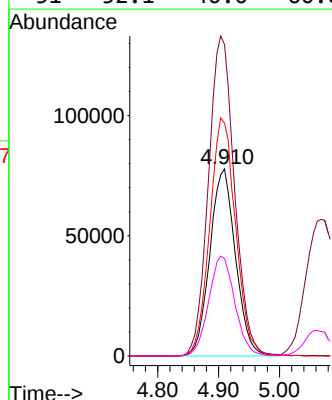
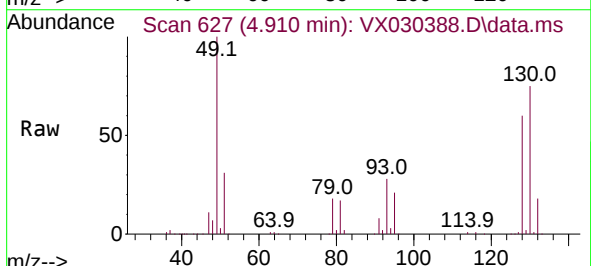
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

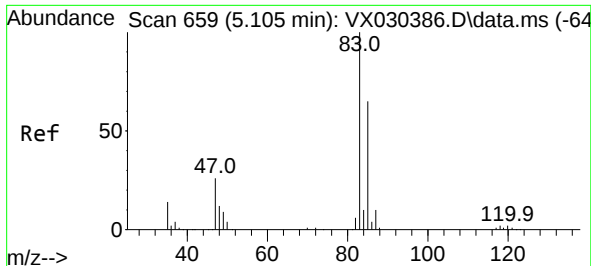
Tgt Ion: 43 Resp: 888504
Ion Ratio Lower Upper
43 100
72 23.9 11.7 35.1



#23
Bromochloromethane
Concen: 186.668 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 128 Resp: 227189
Ion Ratio Lower Upper
128 100
49 166.5 116.8 216.8
130 124.5 90.3 167.7
51 52.1 40.0 60.0





#25

Chloroform

Concen: 192.725 ug/L

RT: 5.099 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

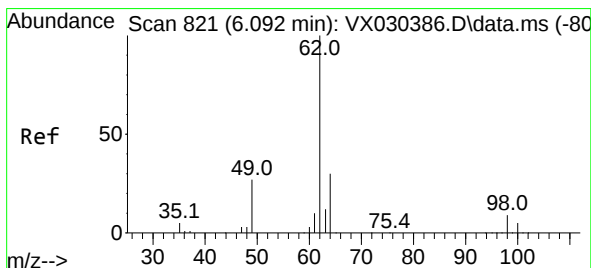
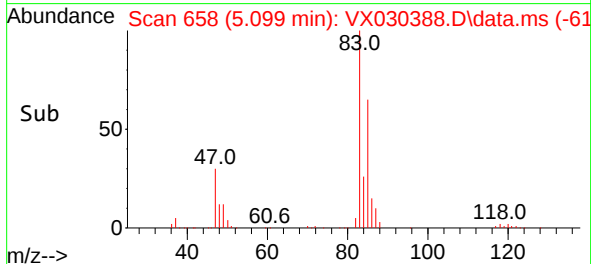
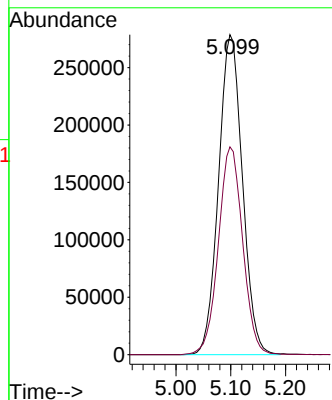
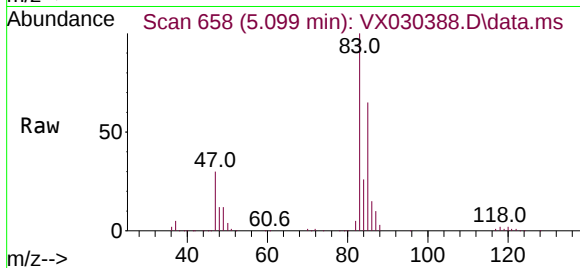
VSTD200605

Tgt Ion: 83 Resp: 844963

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 191.888 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030388.D

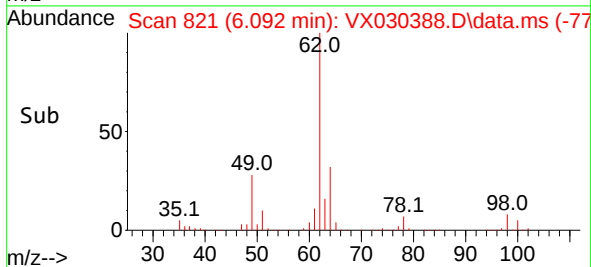
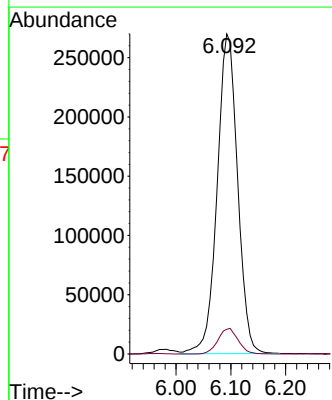
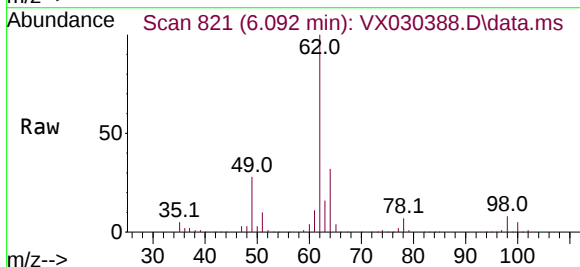
Acq: 04 Aug 2022 12:18

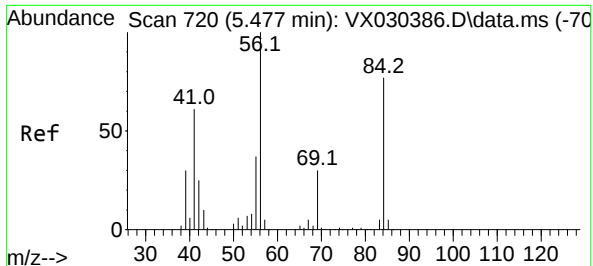
Tgt Ion: 62 Resp: 700208

Ion Ratio Lower Upper

62 100

98 7.7 7.0 10.6

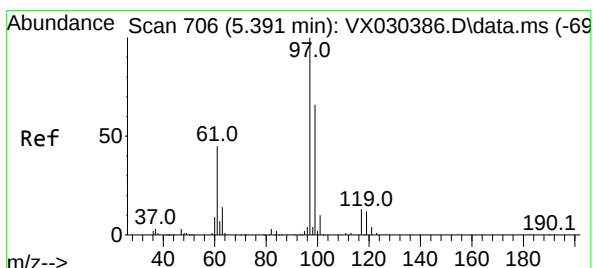
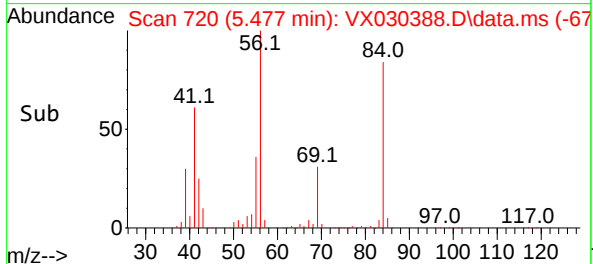
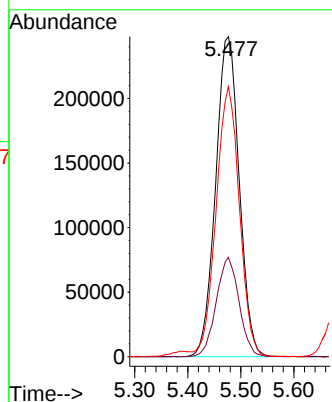
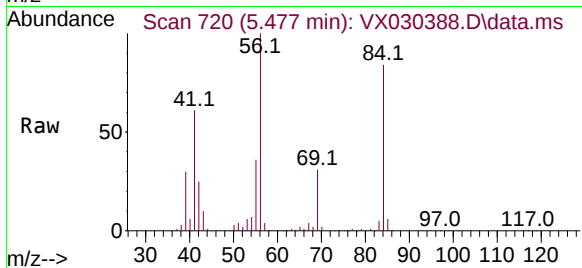




#29
Cyclohexane
Concen: 195.164 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

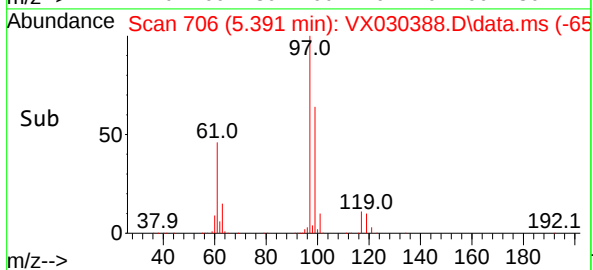
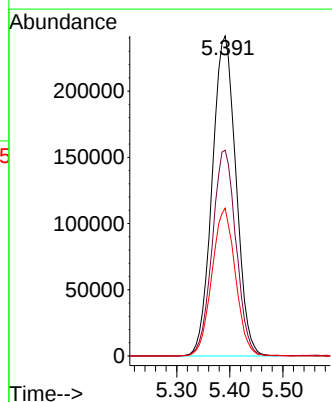
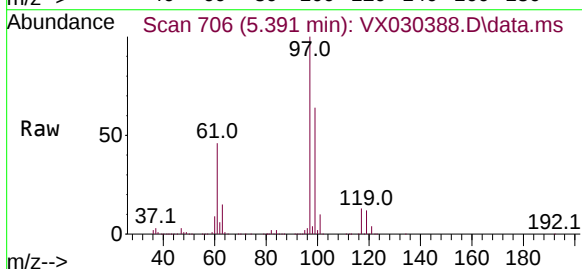
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

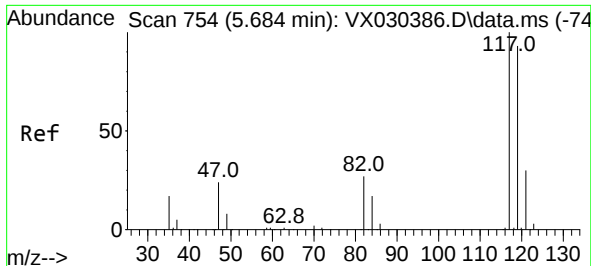
Tgt Ion: 56 Resp: 766707
Ion Ratio Lower Upper
56 100
69 29.9 24.3 36.5
84 83.2 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 193.382 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 97 Resp: 753786
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 45.5 37.0 55.6

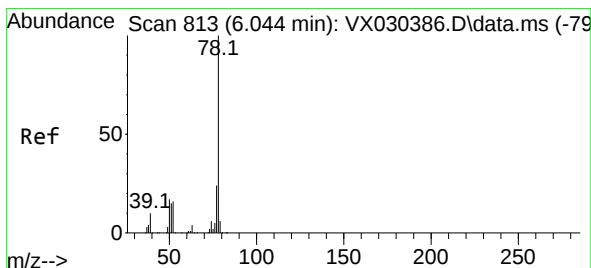
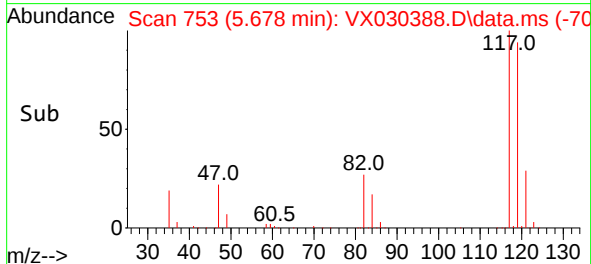
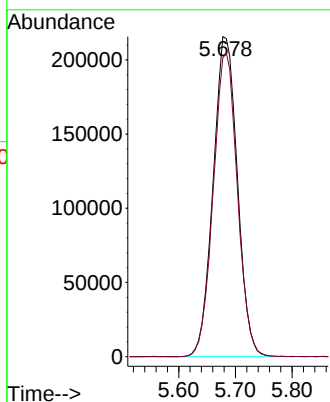
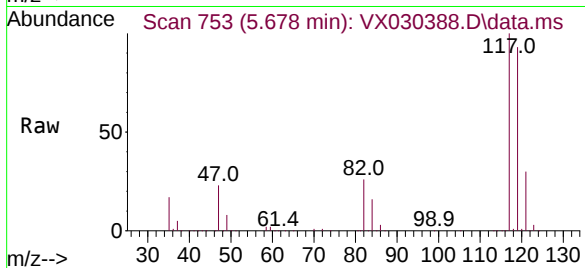




#31
Carbon tetrachloride
Concen: 198.489 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

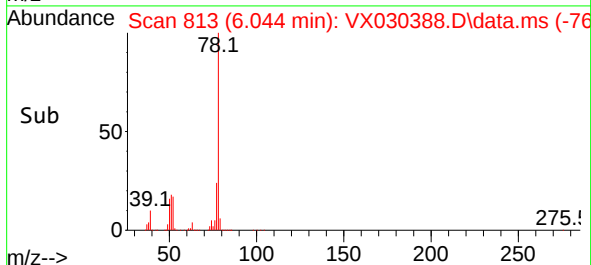
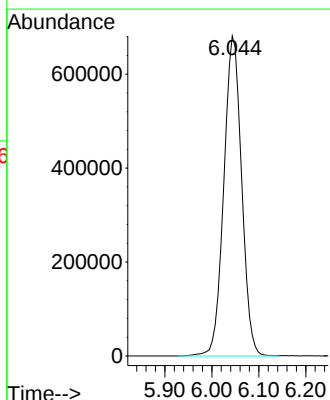
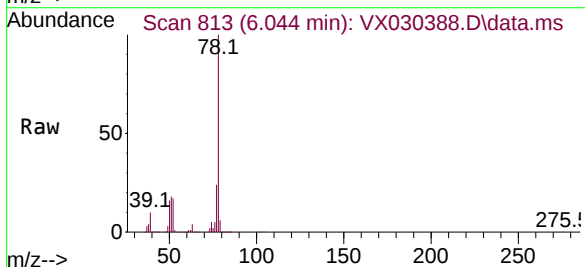
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

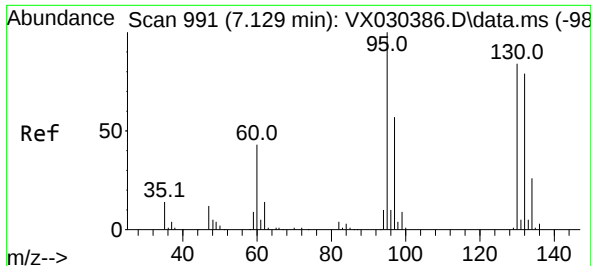
Tgt Ion:117 Resp: 638556
Ion Ratio Lower Upper
117 100
119 94.6 76.2 114.2



#33
Benzene
Concen: 189.886 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 78 Resp: 1799078

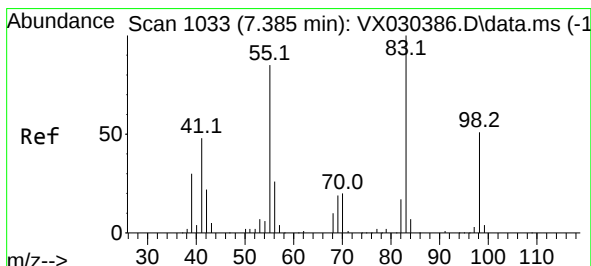
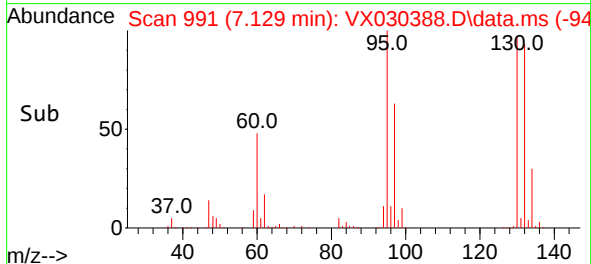
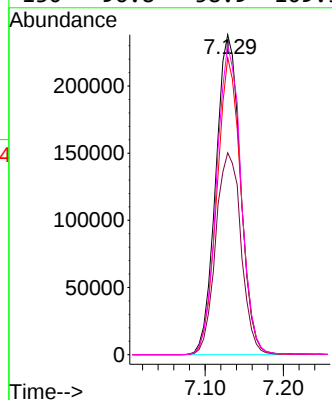
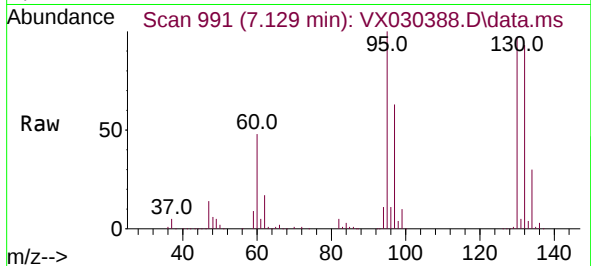




#34
Trichloroethene
Concen: 189.665 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

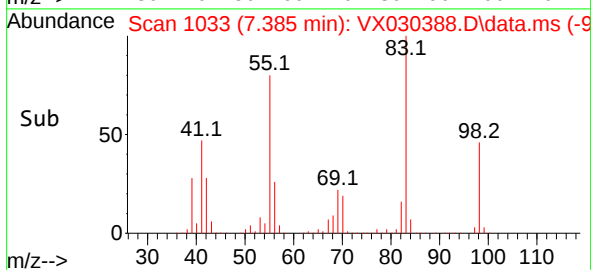
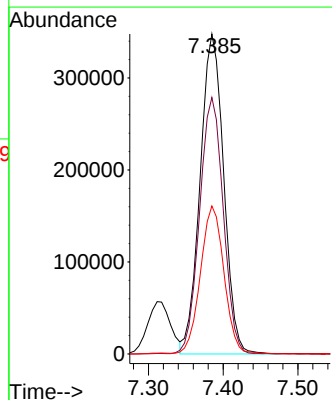
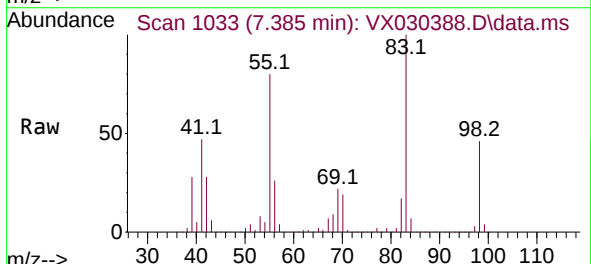
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

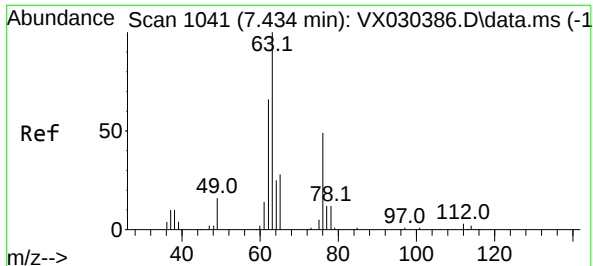
Tgt Ion: 95 Resp: 520458
Ion Ratio Lower Upper
95 100
97 63.1 40.2 74.6
132 92.8 55.3 102.7
130 96.8 58.9 109.5



#35
Methylcyclohexane
Concen: 190.637 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 83 Resp: 761558
Ion Ratio Lower Upper
83 100
55 80.5 64.0 96.0
98 46.2 36.7 55.1





#37

1,2-Dichloropropane

Concen: 188.209 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

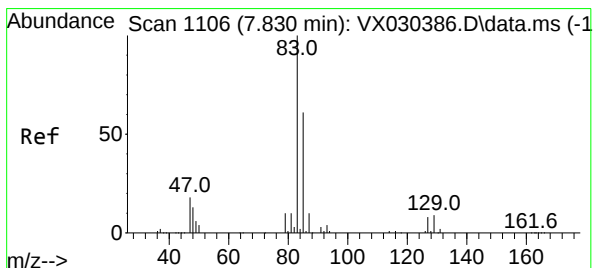
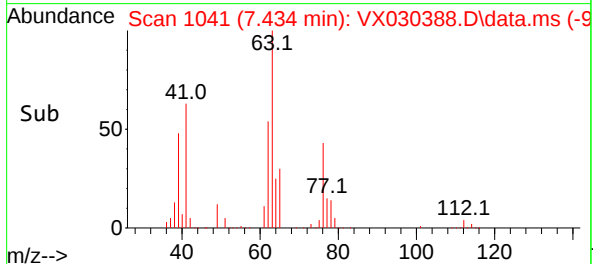
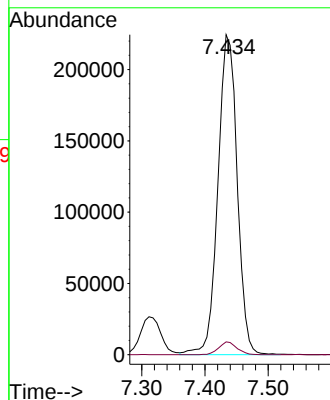
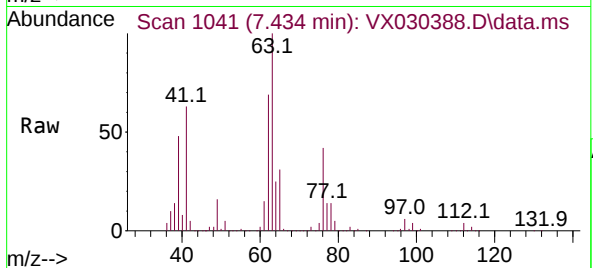
VSTD200605

Tgt Ion: 63 Resp: 474128

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 194.040 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

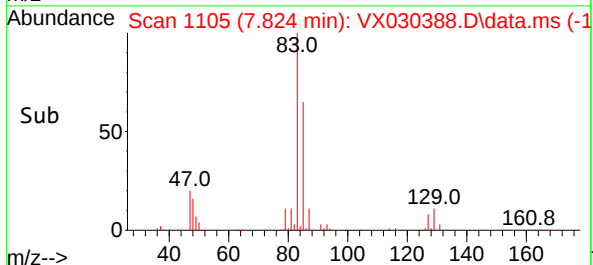
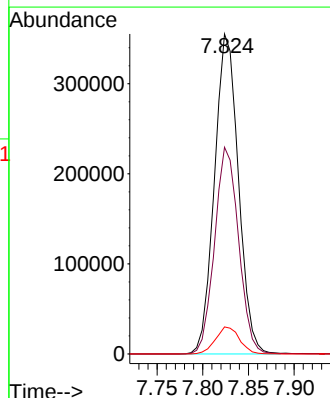
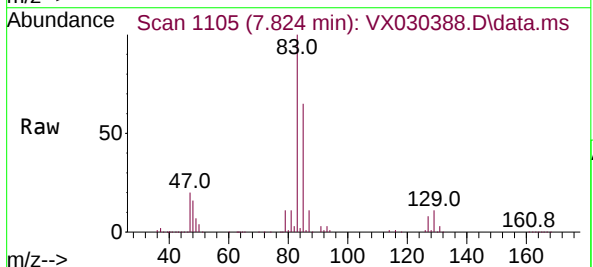
Tgt Ion: 83 Resp: 646935

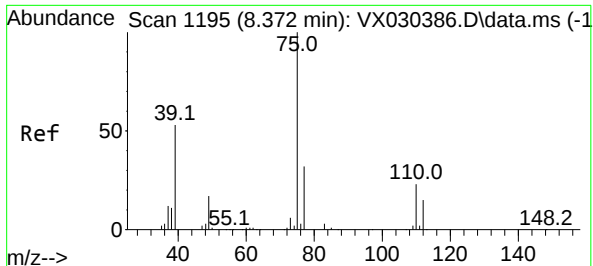
Ion Ratio Lower Upper

83 100

85 64.6 42.5 78.9

127 8.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 202.229 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

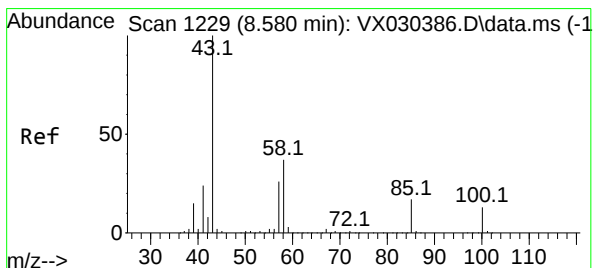
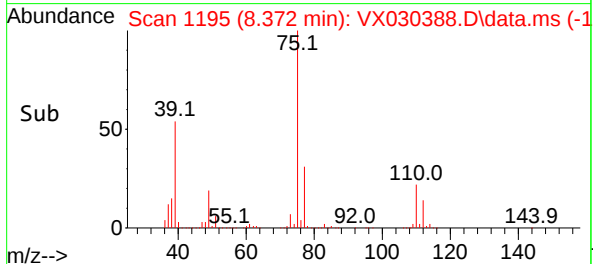
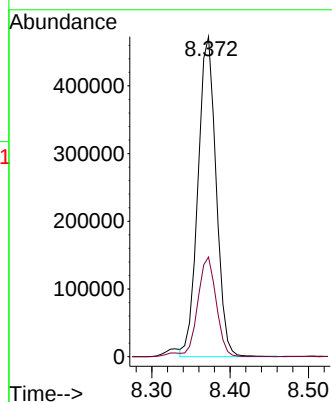
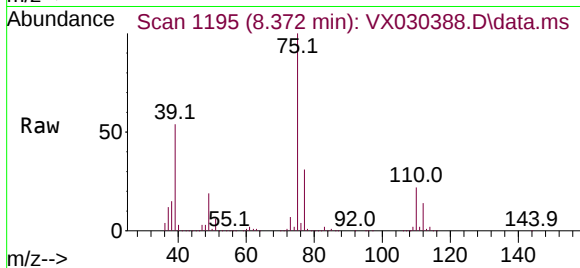
VSTD200605

Tgt Ion: 75 Resp: 760182

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 384.768 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

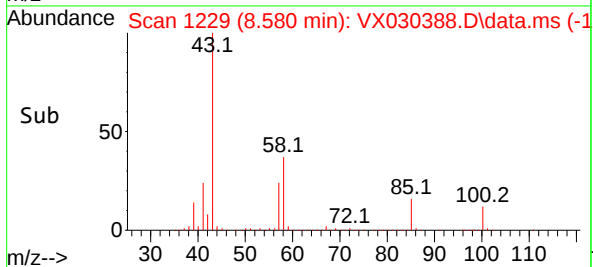
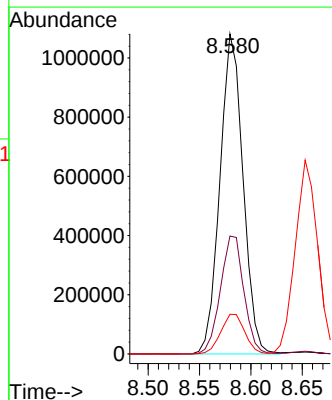
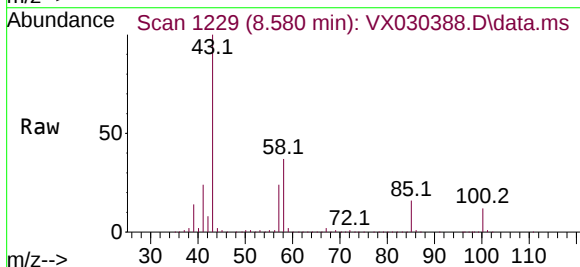
Tgt Ion: 43 Resp: 1687953

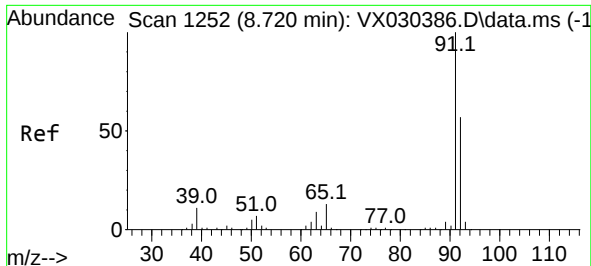
Ion Ratio Lower Upper

43 100

58 37.4 29.0 43.6

100 12.9 10.5 15.7





#42

Toluene

Concen: 192.464 ug/L

RT: 8.726 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

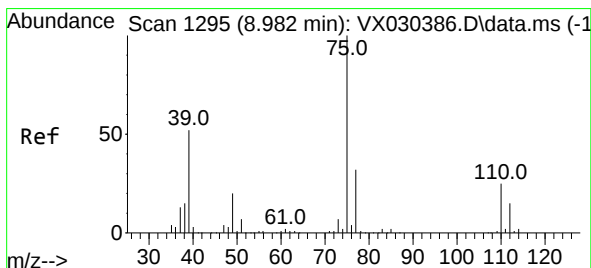
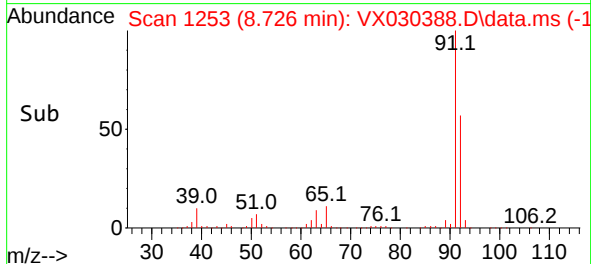
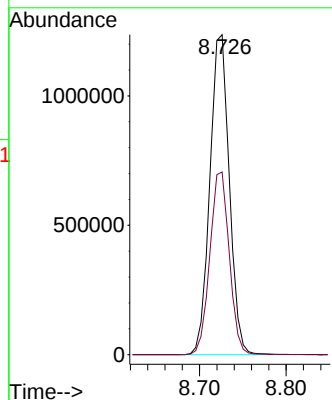
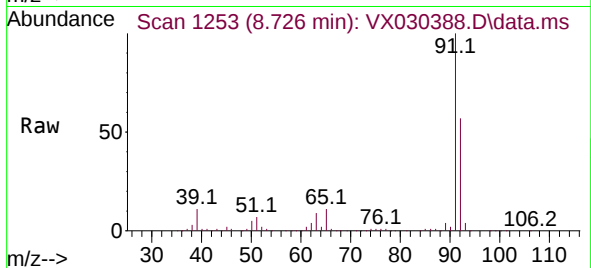
VSTD200605

Tgt Ion: 91 Resp: 1926342

Ion Ratio Lower Upper

91 100

92 57.1 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 208.233 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VX030388.D

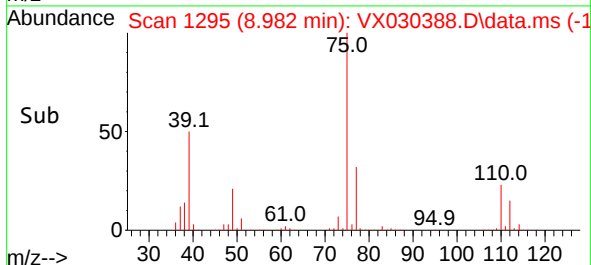
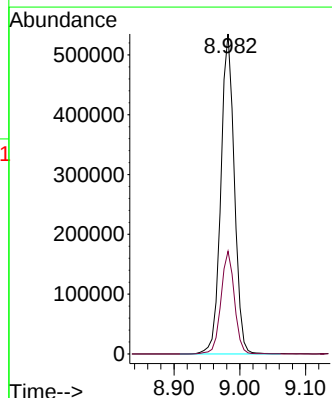
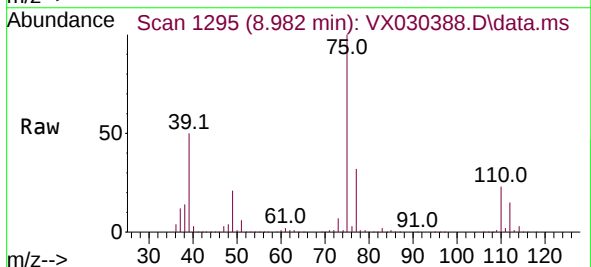
Acq: 04 Aug 2022 12:18

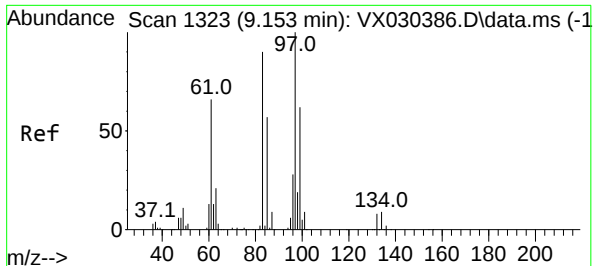
Tgt Ion: 75 Resp: 765907

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



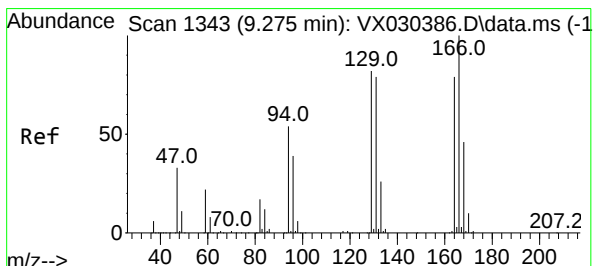
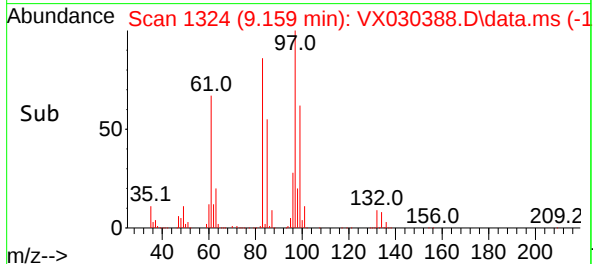
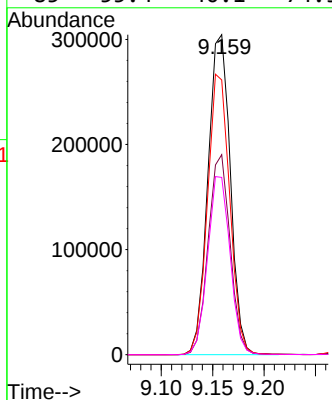
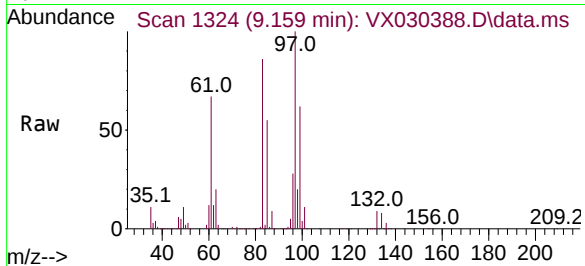


#45
1,1,2-Trichloroethane
Concen: 196.892 ug/L
RT: 9.159 min Scan# 1324
Delta R.T. 0.006 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

Tgt Ion: 97 Resp: 461206

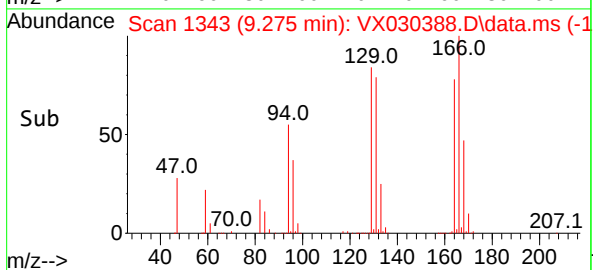
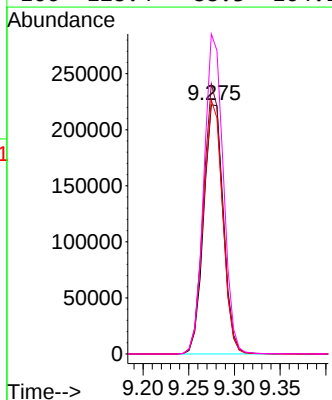
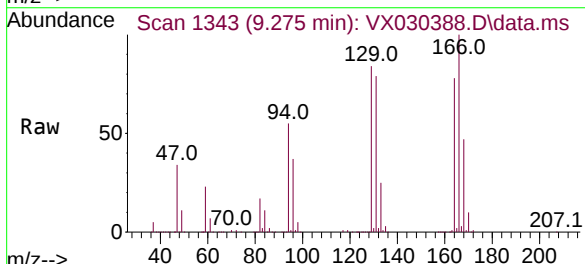
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.3	80.3
83	85.9	63.0	117.0
85	55.4	40.1	74.5

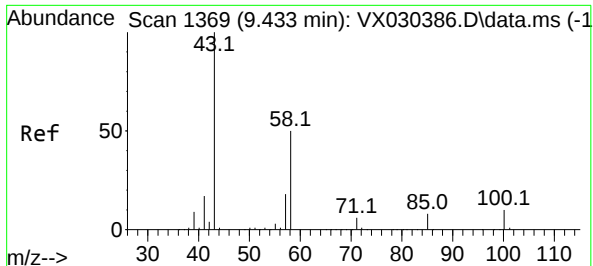


#46
Tetrachloroethene
Concen: 192.338 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion: 164 Resp: 333558

Ion	Ratio	Lower	Upper
164	100		
129	108.4	72.7	135.1
131	101.9	69.9	129.9
166	128.4	88.3	164.1





#48

2-Hexanone

Concen: 393.569 ug/L

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200605

Tgt Ion: 43 Resp: 1341494

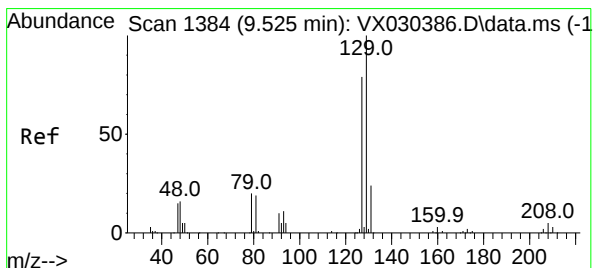
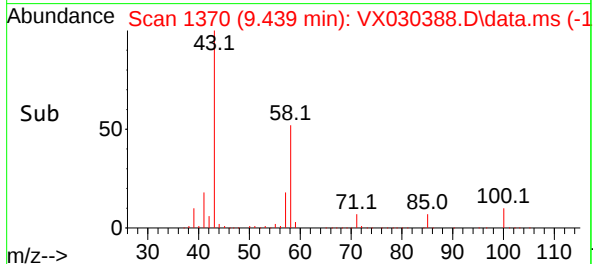
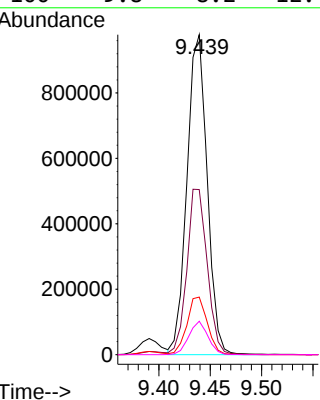
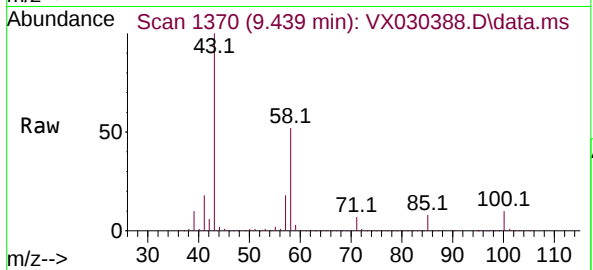
Ion Ratio Lower Upper

43 100

58 51.9 40.4 60.6

57 18.2 14.6 22.0

100 9.8 8.2 12.4



#49

Dibromochloromethane

Concen: 199.935 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030388.D

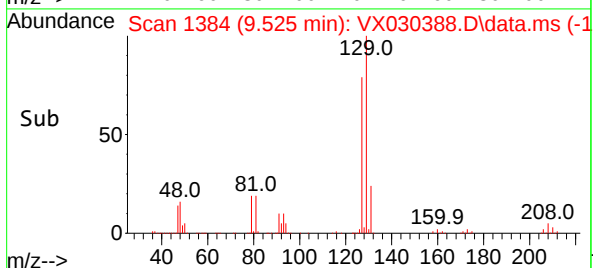
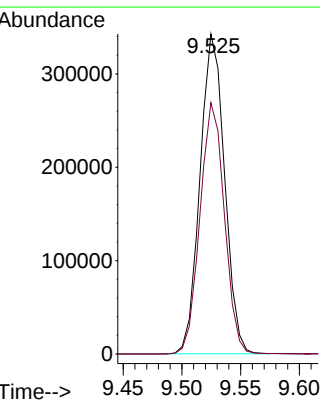
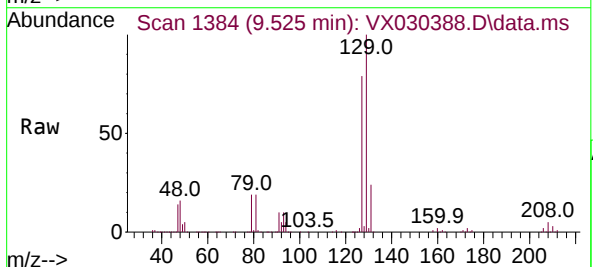
Acq: 04 Aug 2022 12:18

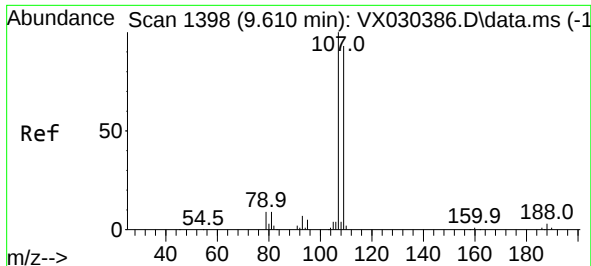
Tgt Ion:129 Resp: 498251

Ion Ratio Lower Upper

129 100

127 78.5 55.6 103.2





#50

1,2-Dibromoethane

Concen: 194.234 ug/L

RT: 9.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200605

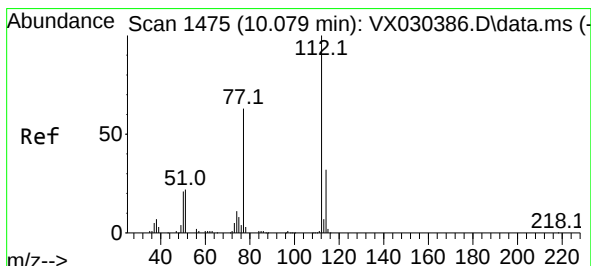
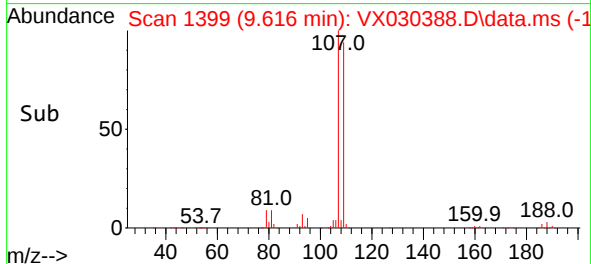
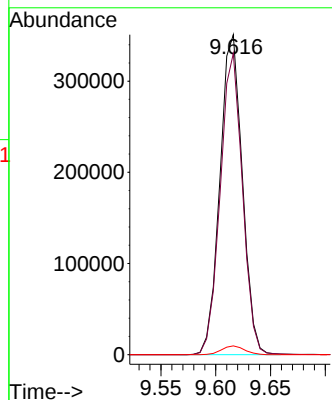
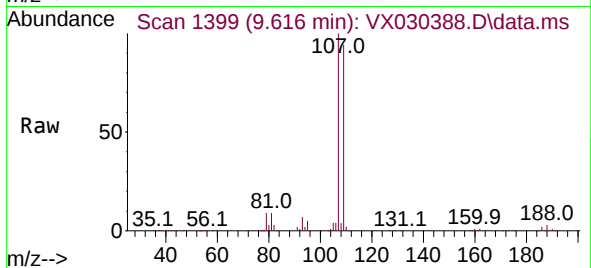
Tgt Ion:107 Resp: 500343

Ion Ratio Lower Upper

107 100

109 94.1 64.8 120.4

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 192.404 ug/L

RT: 10.086 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

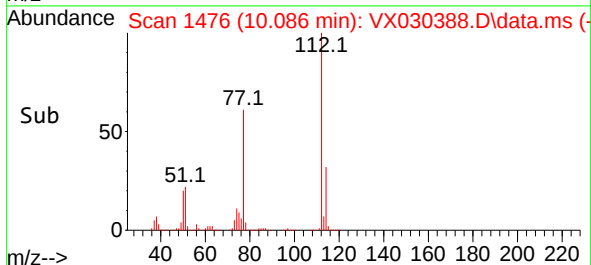
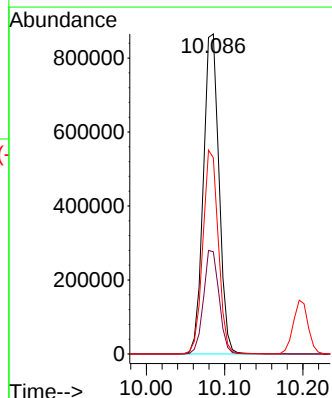
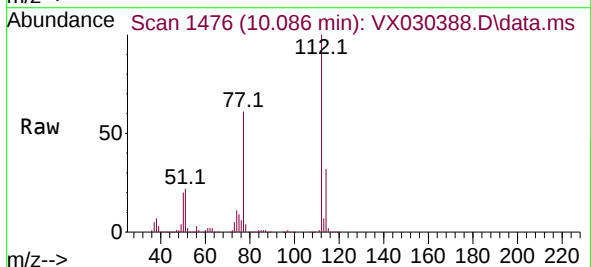
Tgt Ion:112 Resp: 1199749

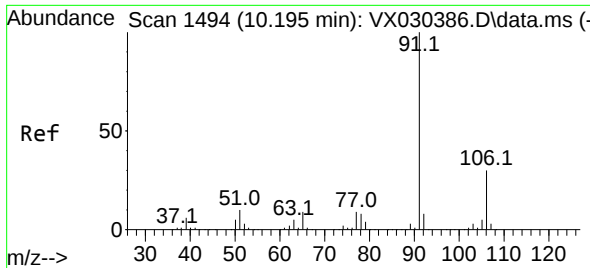
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 61.3 50.8 76.2

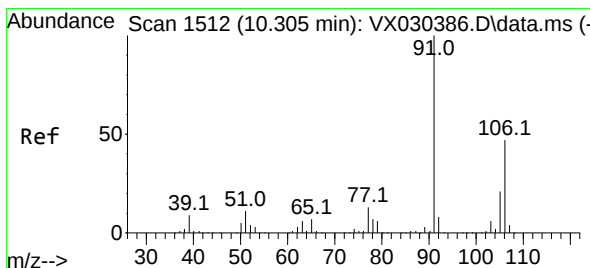
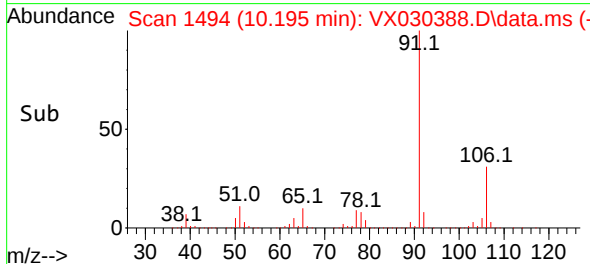
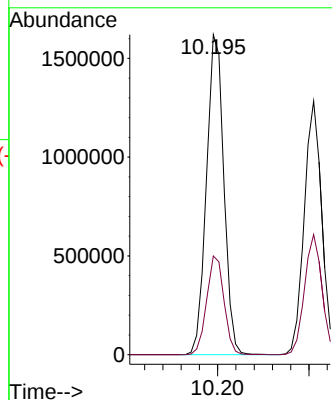
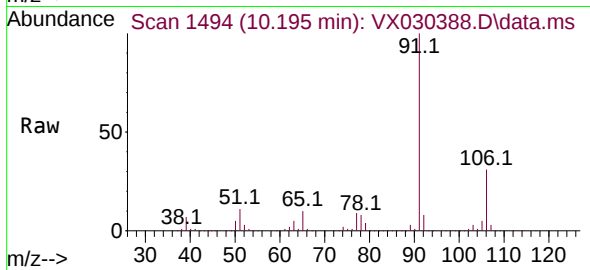




#52
Ethylbenzene
Concen: 195.440 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

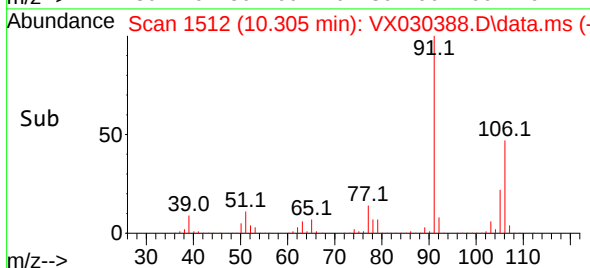
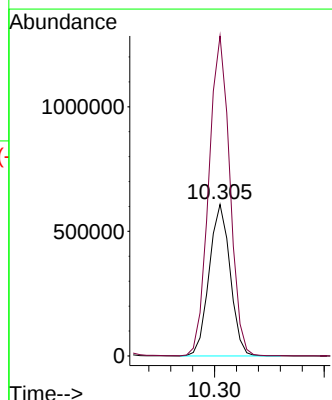
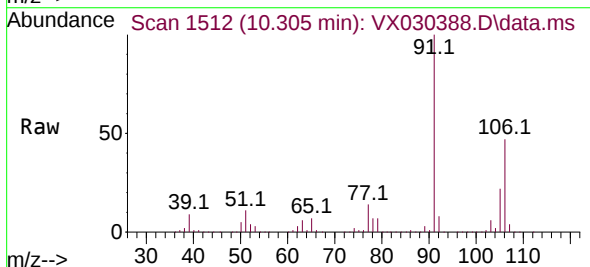
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

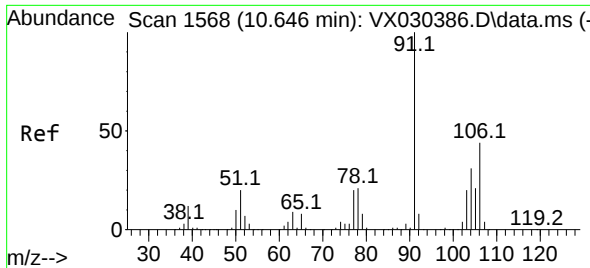
Tgt Ion: 91 Resp: 2132899
Ion Ratio Lower Upper
91 100
106 30.9 21.3 39.5



#53
m,p-Xylene
Concen: 198.747 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion:106 Resp: 808441
Ion Ratio Lower Upper
106 100
91 211.1 147.8 274.6

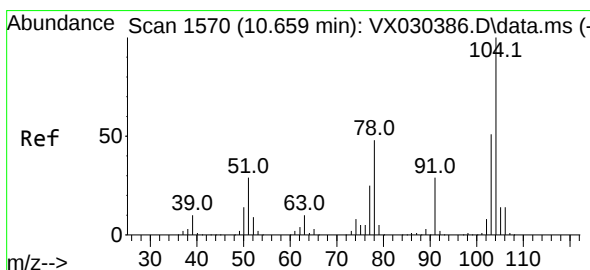
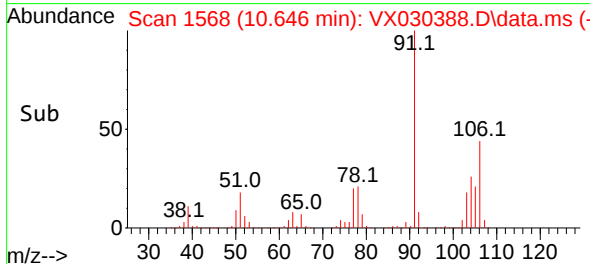
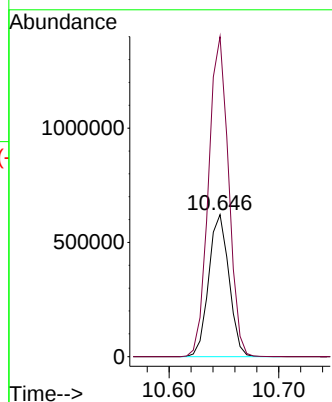
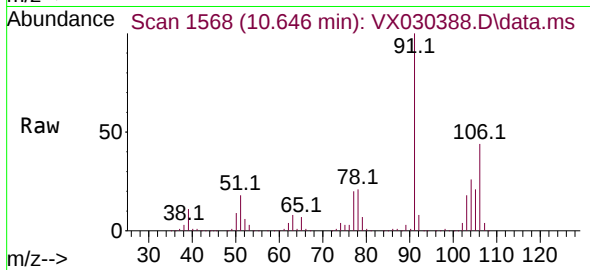




#54
o-Xylene
Concen: 197.220 ug/L
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

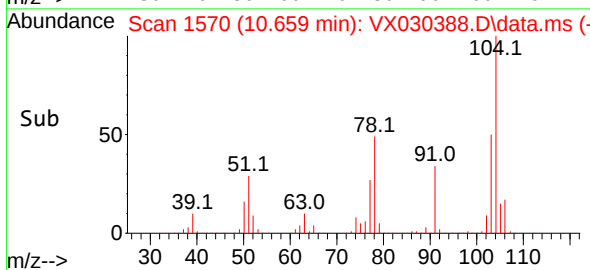
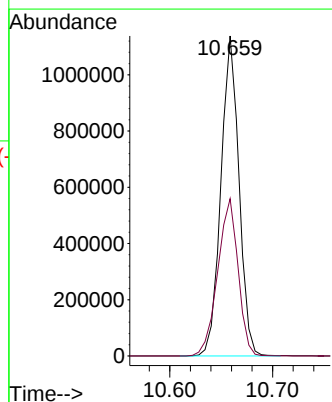
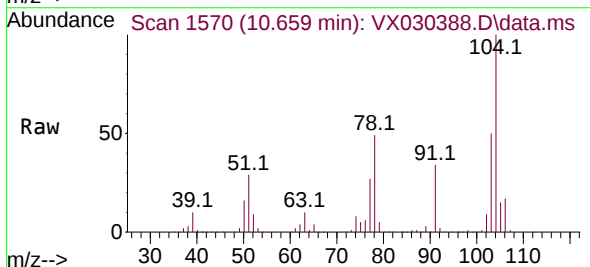
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

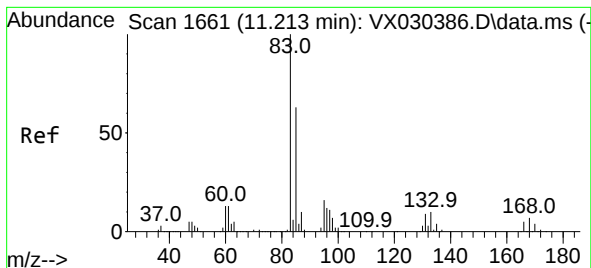
Tgt Ion:106 Resp: 799399
Ion Ratio Lower Upper
106 100
91 225.3 157.8 293.0



#55
Styrene
Concen: 203.122 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion:104 Resp: 1386282
Ion Ratio Lower Upper
104 100
78 49.1 33.2 61.7

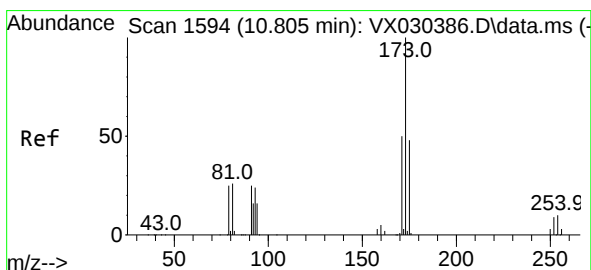
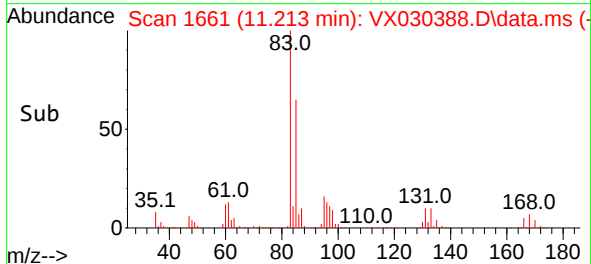
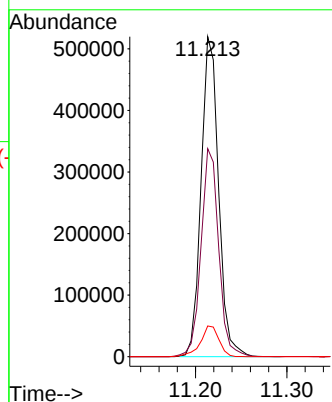
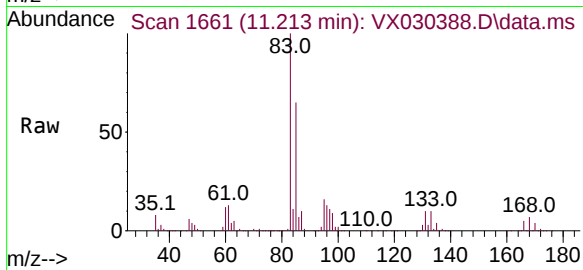




#57
1,1,2,2-Tetrachloroethane
Concen: 193.211 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

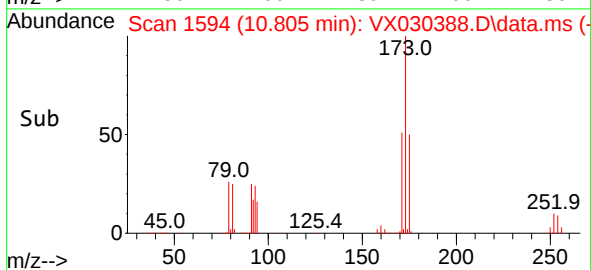
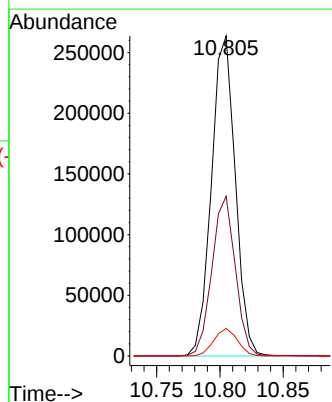
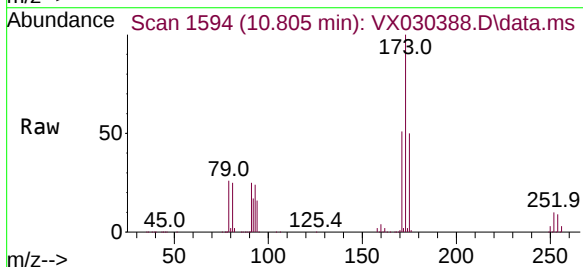
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

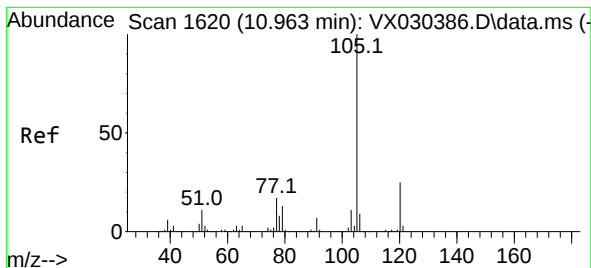
Tgt Ion: 83 Resp: 688642
Ion Ratio Lower Upper
83 100
85 65.0 44.4 82.4
131 9.6 7.5 11.3



#59
Bromoform
Concen: 213.268 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion:173 Resp: 346069
Ion Ratio Lower Upper
173 100
175 49.0 38.9 58.3
254 8.5 7.0 10.4





#60

Isopropylbenzene

Concen: 197.701 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200605

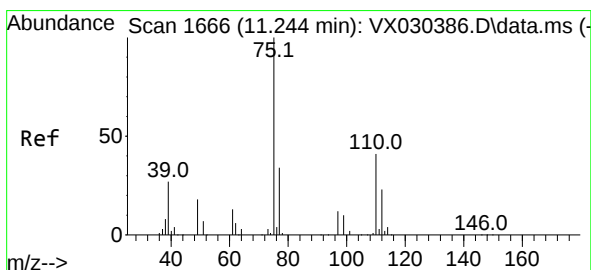
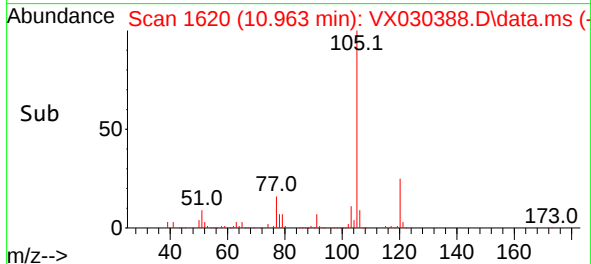
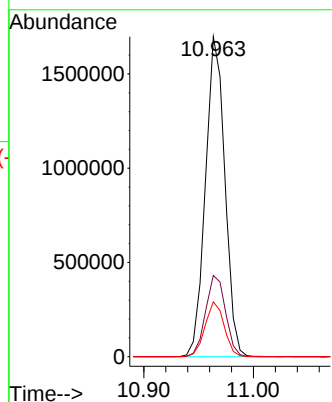
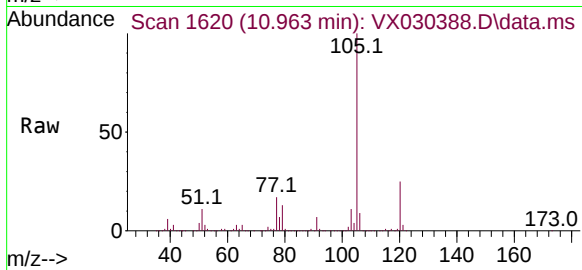
Tgt Ion:105 Resp: 2088182

Ion Ratio Lower Upper

105 100

120 26.0 20.6 31.0

77 16.9 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 191.624 ug/L

RT: 11.244 min Scan# 1666

Delta R.T. 0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

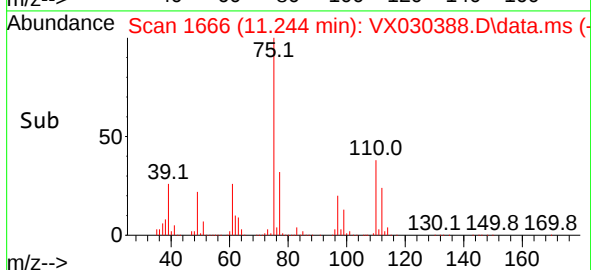
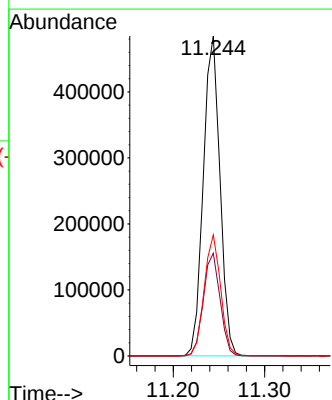
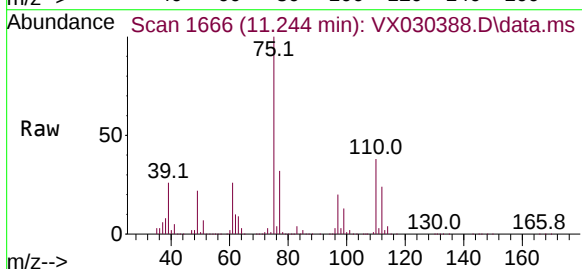
Tgt Ion: 75 Resp: 613216

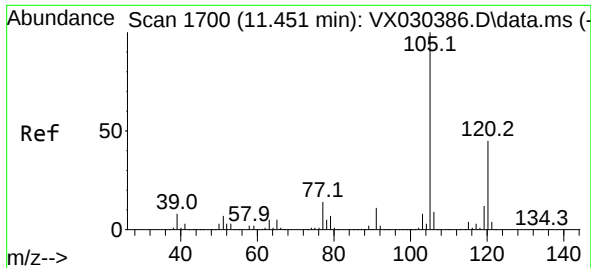
Ion Ratio Lower Upper

75 100

77 32.2 26.1 39.1

110 37.3 30.5 45.7

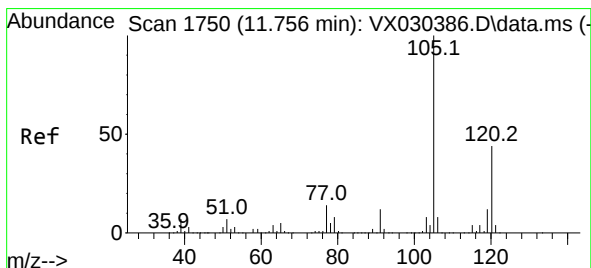
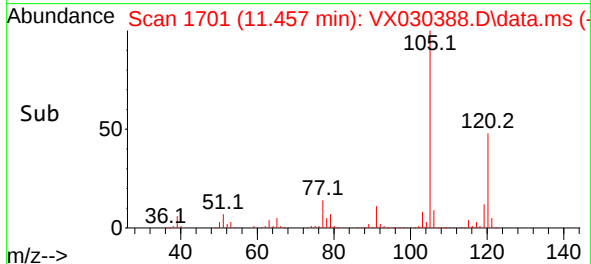
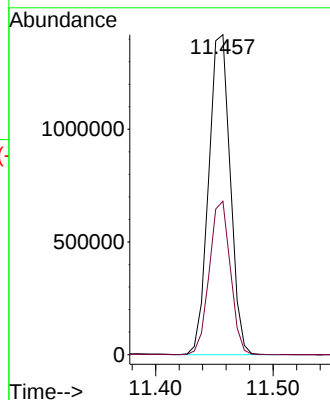
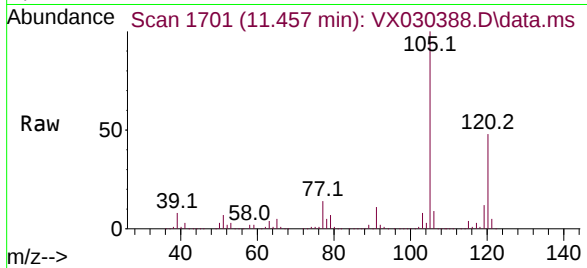




#62
1,3,5-Trimethylbenzene
Concen: 200.899 ug/L
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

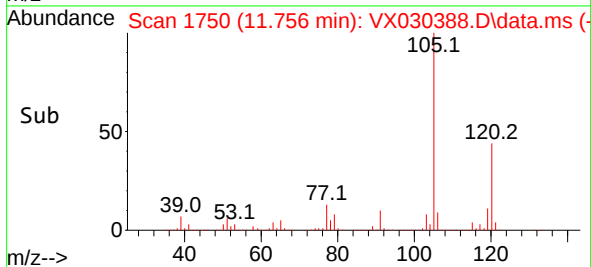
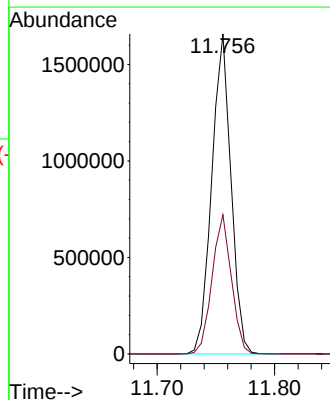
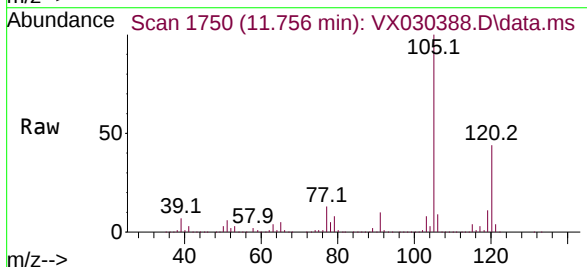
Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

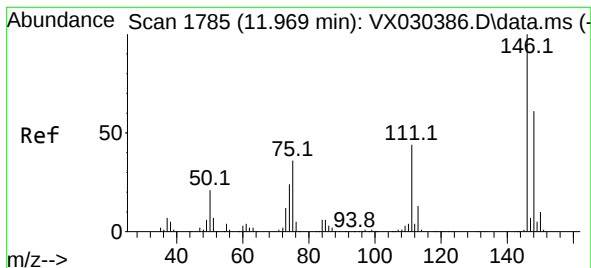
Tgt Ion:105 Resp: 1811614
Ion Ratio Lower Upper
105 100
120 46.8 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 206.722 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion:105 Resp: 1882546
Ion Ratio Lower Upper
105 100
120 43.6 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 193.824 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200605

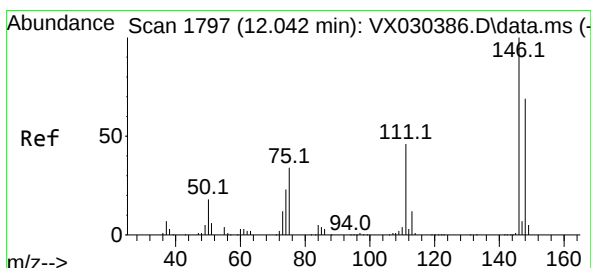
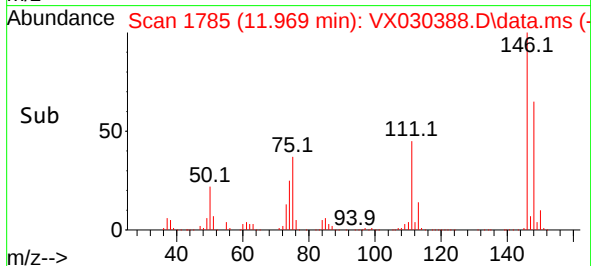
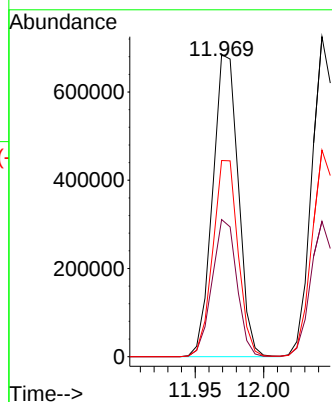
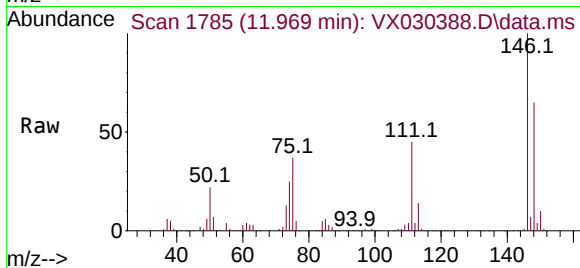
Tgt Ion:146 Resp: 889946

Ion Ratio Lower Upper

146 100

111 45.4 30.9 57.5

148 64.9 42.6 79.0



#65

1,4-Dichlorobenzene

Concen: 189.421 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

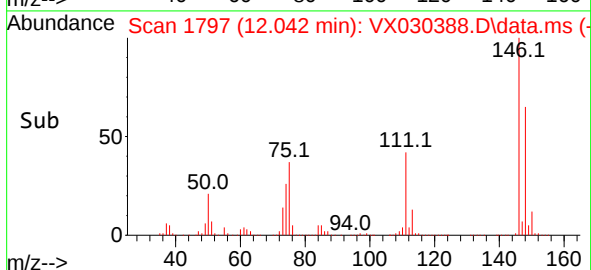
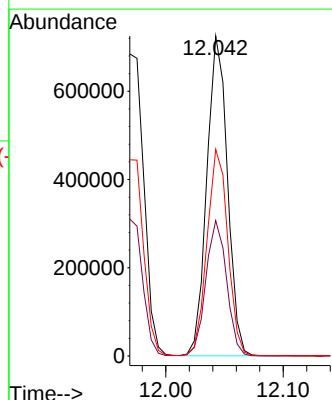
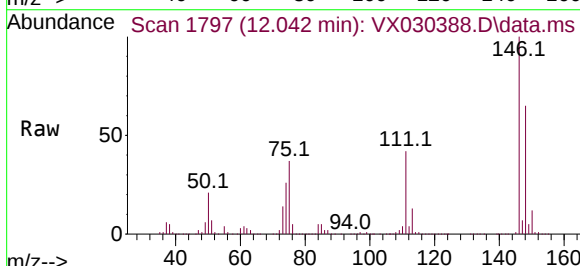
Tgt Ion:146 Resp: 884141

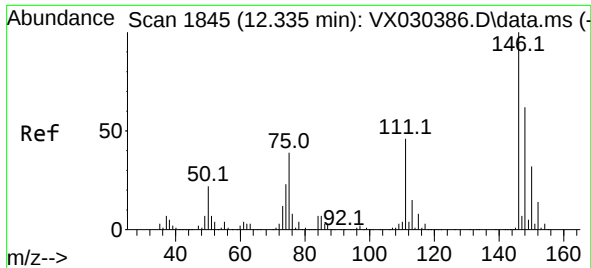
Ion Ratio Lower Upper

146 100

111 42.3 32.6 60.6

148 64.5 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 185.218 ug/L

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200605

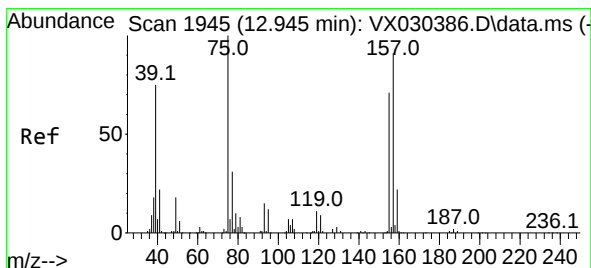
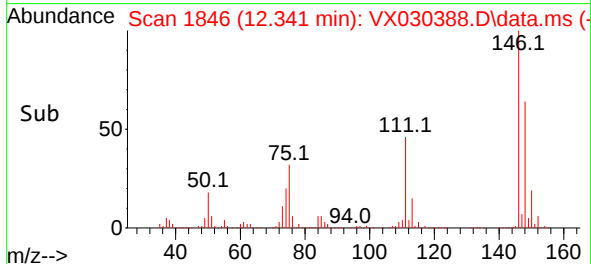
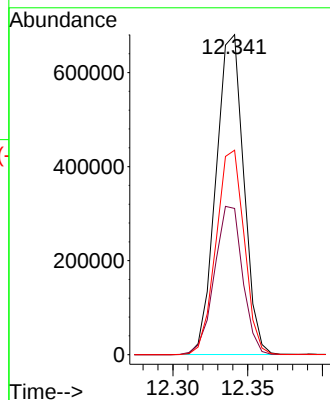
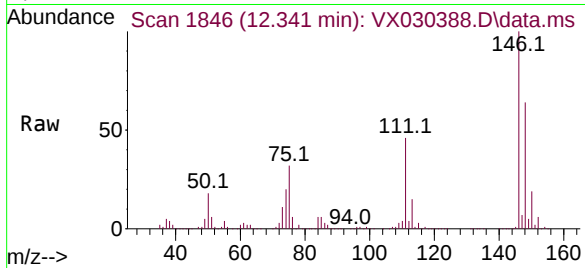
Tgt Ion:146 Resp: 879453

Ion Ratio Lower Upper

146 100

111 45.7 36.9 55.3

148 63.9 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 212.702 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

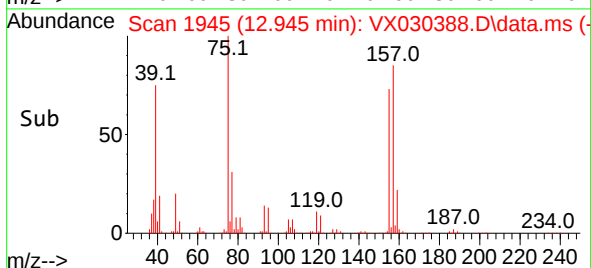
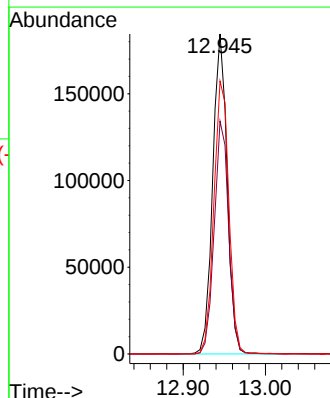
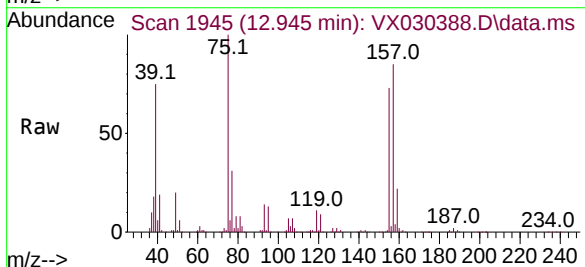
Tgt Ion: 75 Resp: 224530

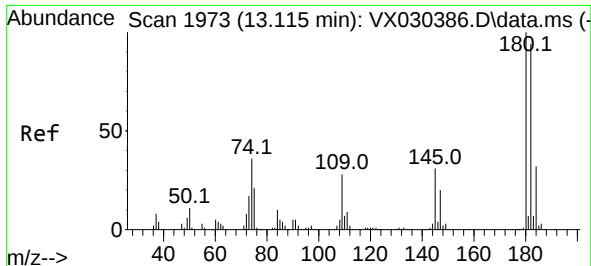
Ion Ratio Lower Upper

75 100

155 72.8 57.1 85.7

157 85.3 73.1 109.7





#69

1,3,5-Trichlorobenzene

Concen: 201.890 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTD200605

Tgt Ion:180 Resp: 650078

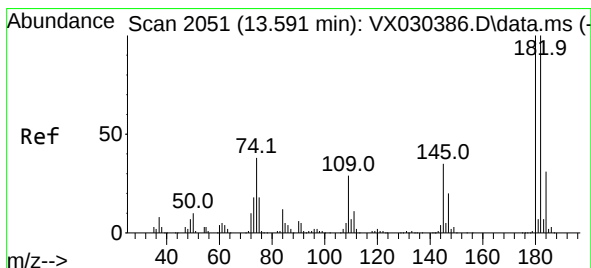
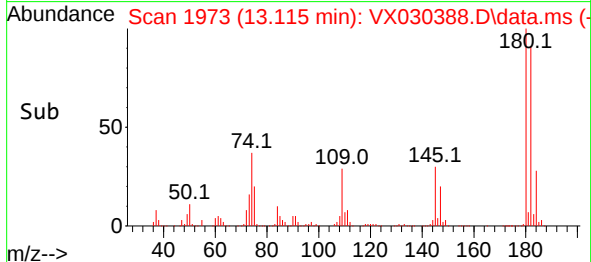
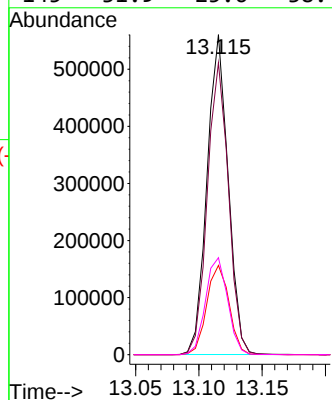
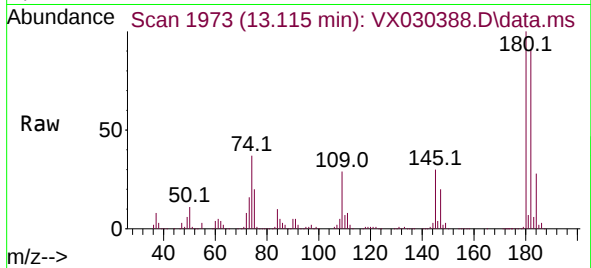
Ion Ratio Lower Upper

180 100

182 91.5 73.7 110.5

184 29.6 24.1 36.1

145 31.9 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 202.239 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030388.D

Acq: 04 Aug 2022 12:18

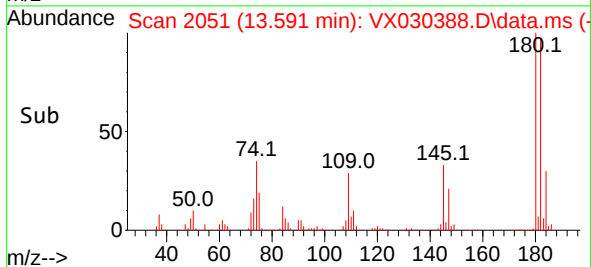
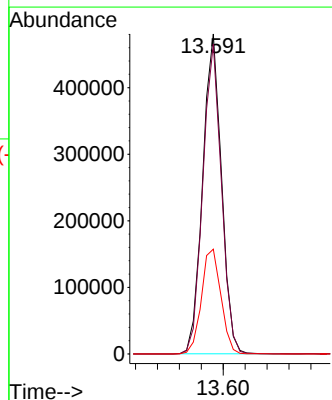
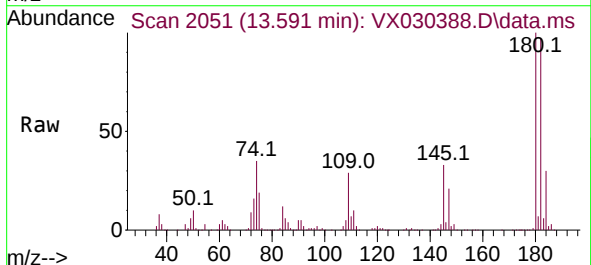
Tgt Ion:180 Resp: 571906

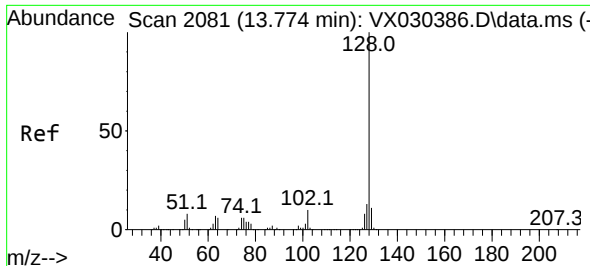
Ion Ratio Lower Upper

180 100

182 95.7 72.7 109.1

145 33.9 26.6 40.0

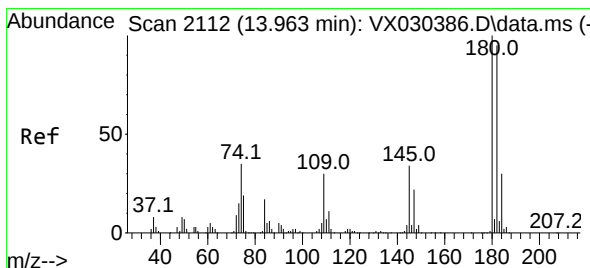
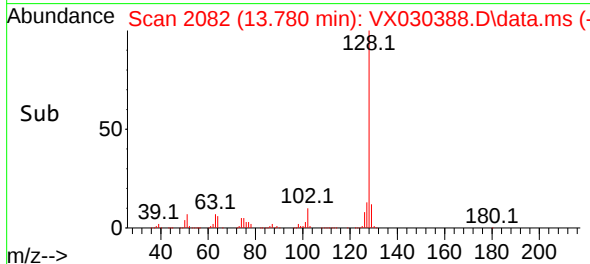
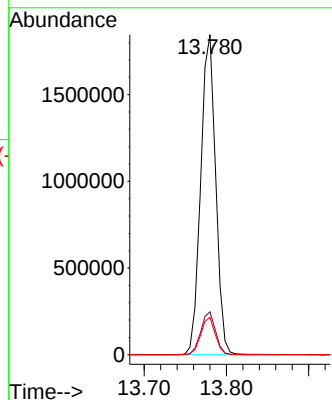
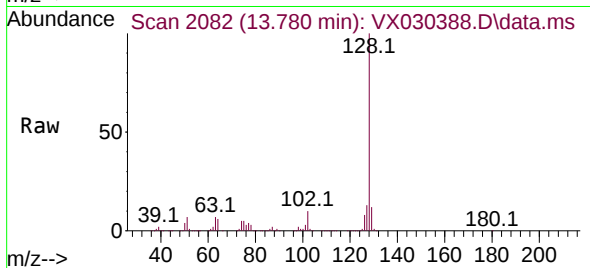




#71
Naphthalene
Concen: 198.822 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTD200605

Tgt Ion:128 Resp: 2327355
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 200.612 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX030388.D
Acq: 04 Aug 2022 12:18

Tgt Ion:180 Resp: 599251
Ion Ratio Lower Upper
180 100
182 93.8 74.6 112.0
145 35.4 28.4 42.6

