

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081822\
 Data File : VX030676.D
 Acq On : 18 Aug 2022 11:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 18 14:43:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	317029	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	291271	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	148660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	106377	52.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.500%
7) Chloroethane-d5	1.666	69	81505	56.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.580%
11) 1,1-Dichloroethene-d2	2.306	63	214686	55.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.500%
21) 2-Butanone-d5	4.458	46	189616	100.519	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.520%
24) Chloroform-d	5.062	84	233473	55.709	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.420%
26) 1,2-Dichloroethane-d4	5.958	65	139602	49.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.120%
32) Benzene-d6	5.976	84	461303	55.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.580%
36) 1,2-Dichloropropane-d6	7.312	67	150072	55.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.880%
41) Toluene-d8	8.653	98	425408	54.092	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.180%
43) trans-1,3-Dichloroprop...	8.952	79	66930	49.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.400%
47) 2-Hexanone-d5	9.384	63	145440	105.408	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.410%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	201551	56.678	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.360%
66) 1,2-Dichlorobenzene-d4	12.323	152	156315	54.212	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107958	45.255	ug/L	96
3) Chloromethane	1.288	50	100447	48.968	ug/L	100
5) Vinyl chloride	1.374	62	112887	51.522	ug/L	97
6) Bromomethane	1.611	94	40225	39.067	ug/L	91
8) Chloroethane	1.685	64	66534	53.310	ug/L	100
9) Trichlorofluoromethane	1.886	101	164657	50.848	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	118564	61.558	ug/L	97
12) 1,1-Dichloroethene	2.319	96	103368	58.254	ug/L	77
13) Acetone	2.386	43	121329	87.760	ug/L	92
14) Carbon disulfide	2.514	76	244946	42.590	ug/L	99
15) Methyl Acetate	2.709	43	140550	49.116	ug/L	96
16) Methylene chloride	2.788	84	124504	55.335	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	108228	52.647	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	372152	53.233	ug/L	97
19) 1,1-Dichloroethane	3.611	63	218361	54.919	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	131734	56.966	ug/L	87
22) 2-Butanone	4.562	43	202444	92.824	ug/L	93
23) Bromochloromethane	4.903	128	65277	56.289	ug/L	94
25) Chloroform	5.099	83	231750	55.475	ug/L	98

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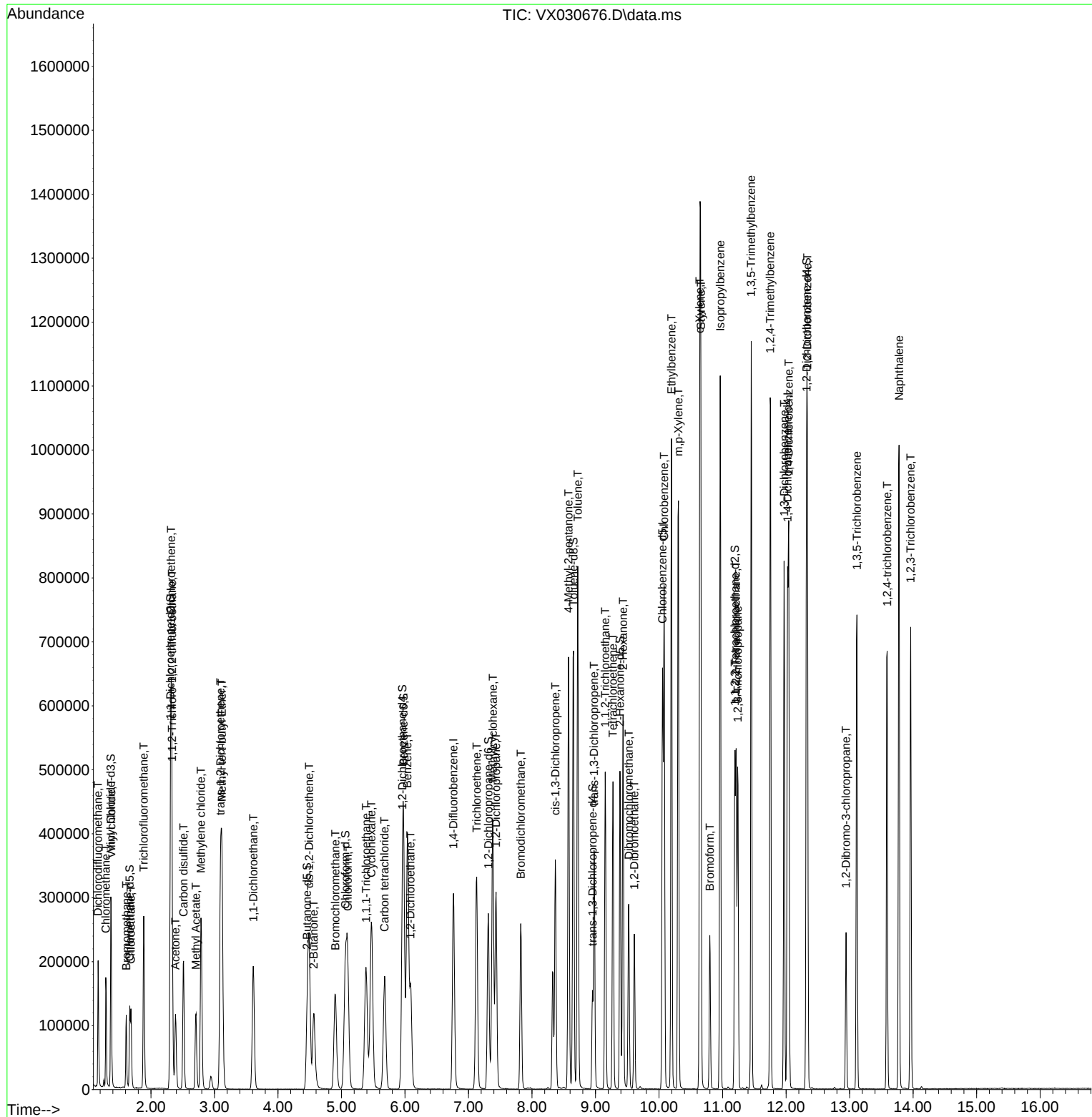
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	166301	47.829	ug/L #	93
29) Cyclohexane	5.470	56	181769	46.942	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	191606	49.871	ug/L	97
31) Carbon tetrachloride	5.678	117	156752	49.433	ug/L	98
33) Benzene	6.037	78	496309	53.145	ug/L	100
34) Trichloroethene	7.129	95	133360	49.306	ug/L	85
35) Methylcyclohexane	7.385	83	193874	49.237	ug/L	97
37) 1,2-Dichloropropane	7.434	63	133186	53.638	ug/L	99
38) Bromodichloromethane	7.824	83	171008	52.038	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	194479	52.505	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	399708	92.438	ug/L	94
42) Toluene	8.720	91	527109	53.430	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	185472	51.159	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	131327	56.880	ug/L	99
46) Tetrachloroethene	9.275	164	87851	51.394	ug/L	97
48) 2-Hexanone	9.433	43	312430	92.994	ug/L	95
49) Dibromochloromethane	9.525	129	131916	53.704	ug/L	98
50) 1,2-Dibromoethane	9.610	107	135551	53.386	ug/L #	96
51) Chlorobenzene	10.079	112	338862	55.134	ug/L	95
52) Ethylbenzene	10.195	91	577314	53.669	ug/L	99
53) m,p-Xylene	10.305	106	220048	54.883	ug/L	96
54) o-Xylene	10.640	106	219130	54.848	ug/L	96
55) Styrene	10.659	104	380007	56.489	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	202464	57.631	ug/L	99
59) Bromoform	10.799	173	85702	52.940	ug/L	99
60) Isopropylbenzene	10.963	105	571270	54.214	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	169612	53.128	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	497758	55.330	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	490311	53.968	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	249868	54.548	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	255843	54.942	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	262609	55.438	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	51086	48.509	ug/L	88
69) 1,3,5-Trichlorobenzene	13.115	180	172762	53.780	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	158066	56.028	ug/L	98
71) Naphthalene	13.780	128	625299	53.545	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	162306	54.464	ug/L	100

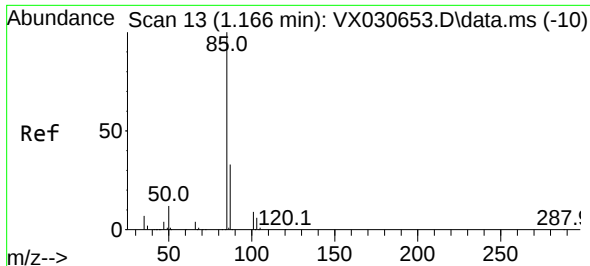
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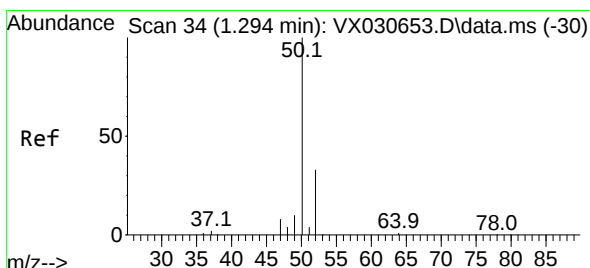
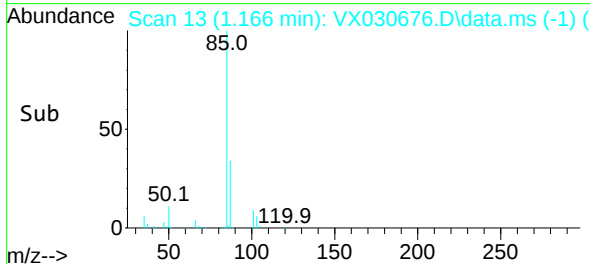
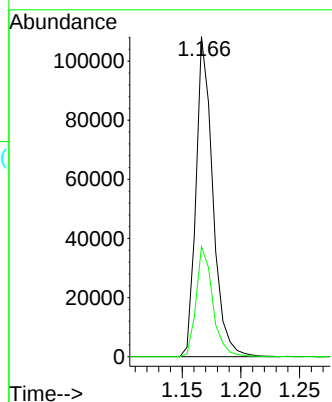
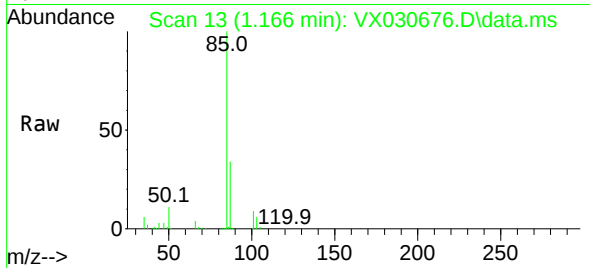




#2
 Dichlorodifluoromethane
 Concen: 45.255 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030676.D
 Acq: 18 Aug 2022 11:12

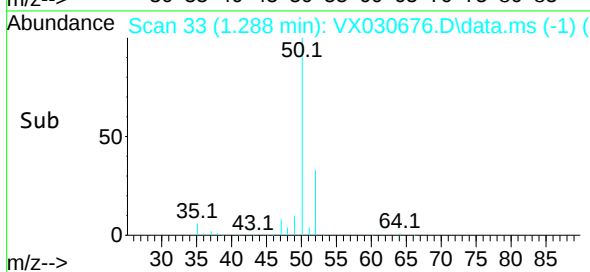
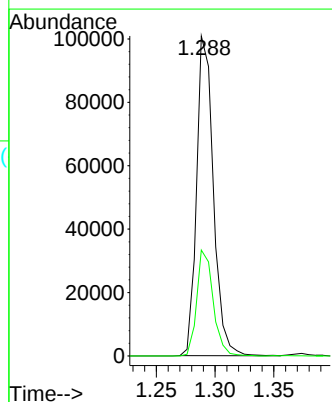
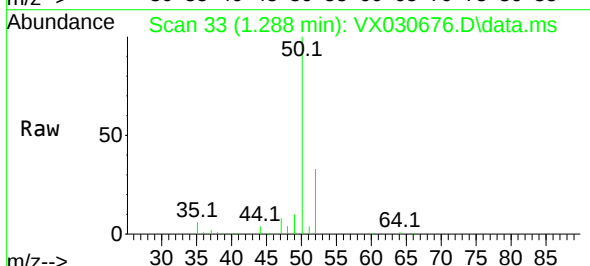
Instrument :
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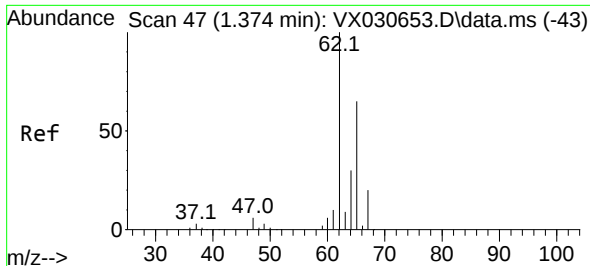
Tgt Ion: 85 Resp: 107958
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.6 38.4



#3
 Chloromethane
 Concen: 48.968 ug/L
 RT: 1.288 min Scan# 33
 Delta R.T. -0.006 min
 Lab File: VX030676.D
 Acq: 18 Aug 2022 11:12

Tgt Ion: 50 Resp: 100447
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.3 43.3

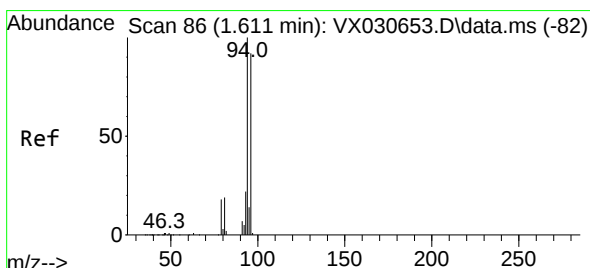
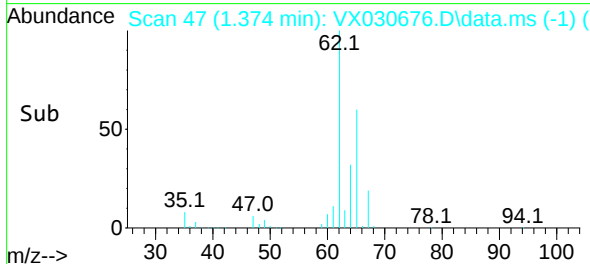
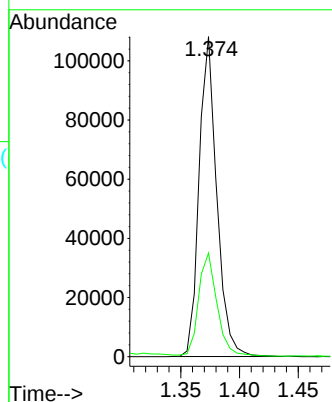
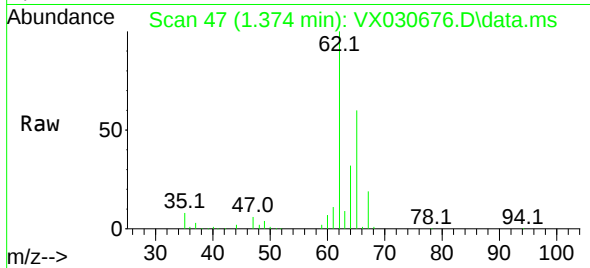




#5
 Vinyl chloride
 Concen: 51.522 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030676.D
 Acq: 18 Aug 2022 11:12

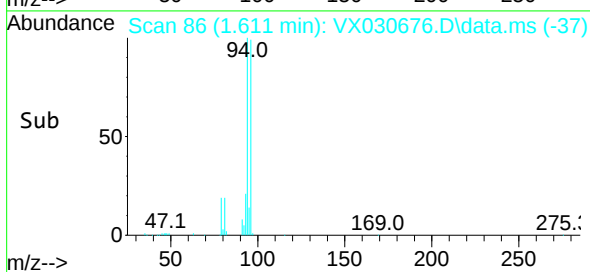
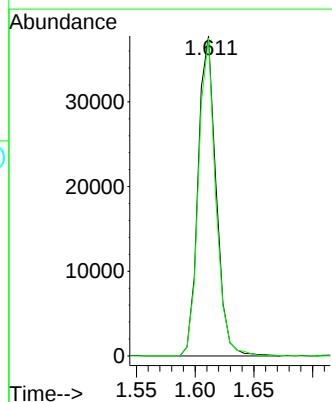
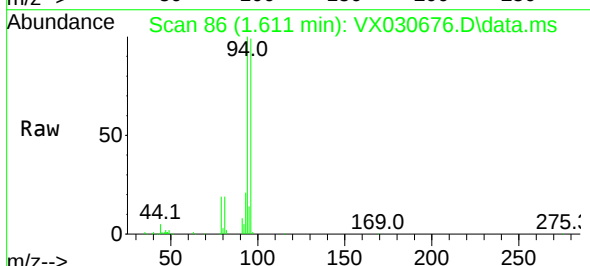
Instrument :
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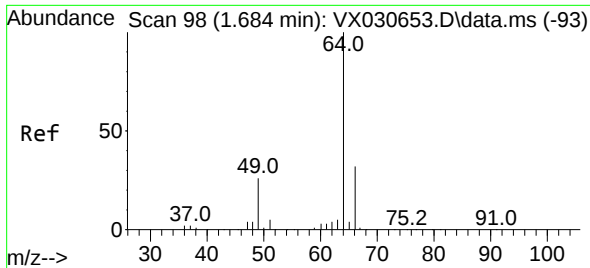
Tgt Ion: 62 Resp: 112887
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.8 44.2



#6
 Bromomethane
 Concen: 39.067 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030676.D
 Acq: 18 Aug 2022 11:12

Tgt Ion: 94 Resp: 40225
 Ion Ratio Lower Upper
 94 100
 96 99.4 63.8 118.6

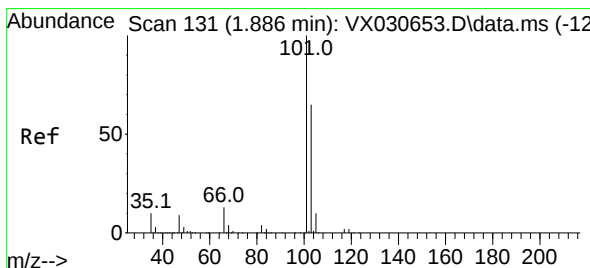
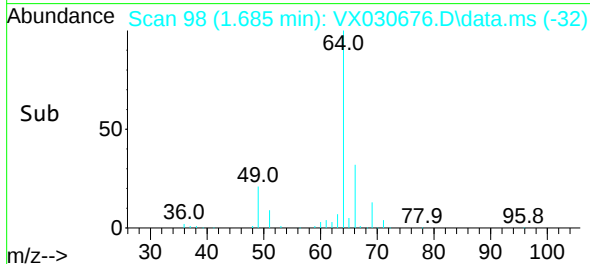
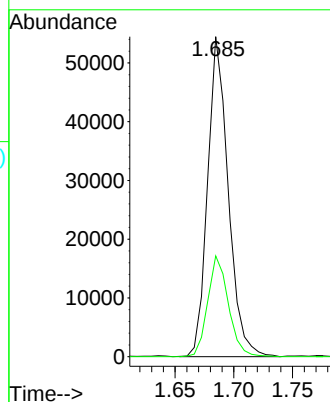
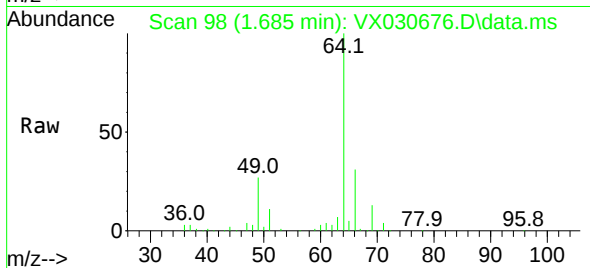




#8
Chloroethane
Concen: 53.310 ug/L
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

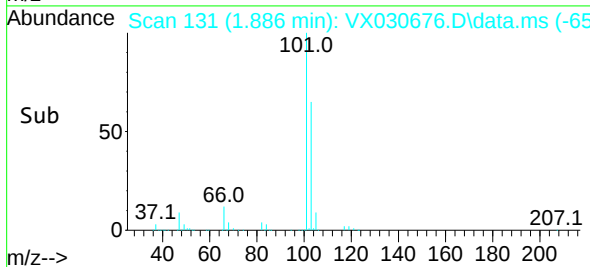
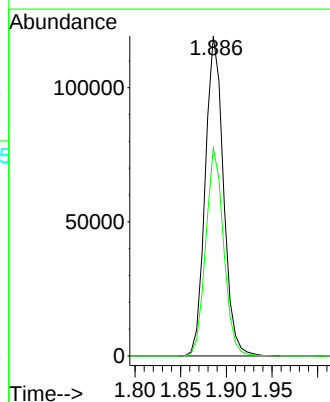
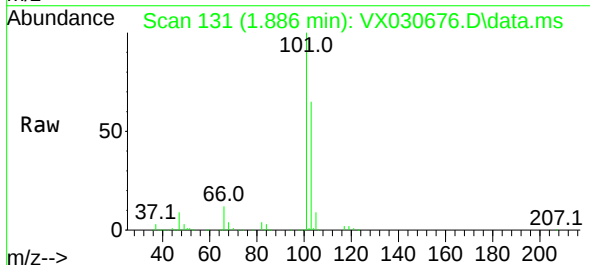
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MSVOA_X
ClientSampleId :

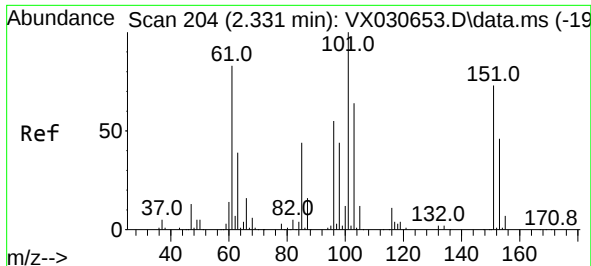
Tgt Ion: 64 Resp: 66534
Ion Ratio Lower Upper
64 100
66 31.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 50.848 ug/L
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion:101 Resp: 164657
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

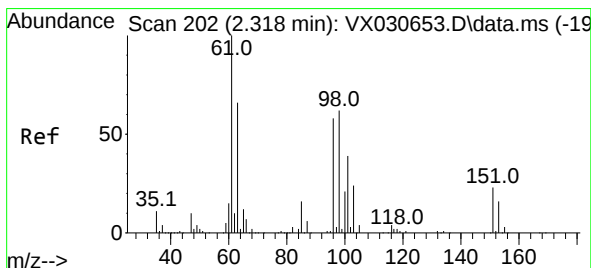
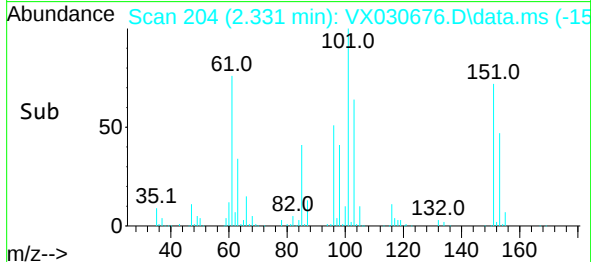
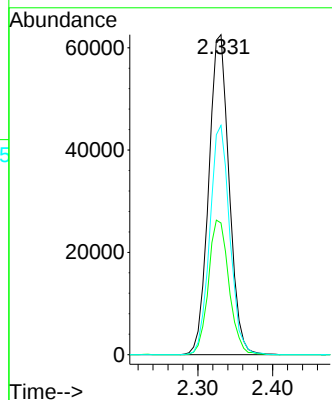
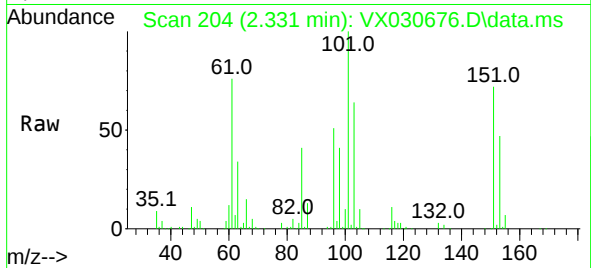




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 61.558 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030676.D
 Acq: 18 Aug 2022 11:12

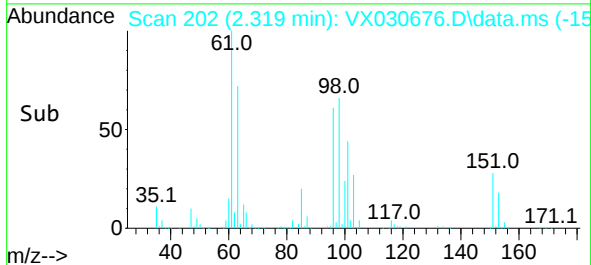
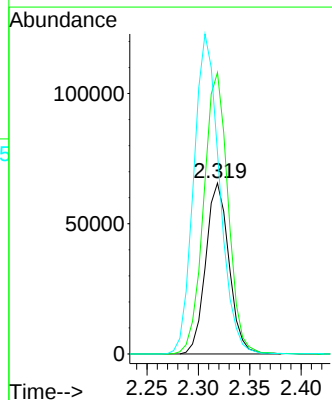
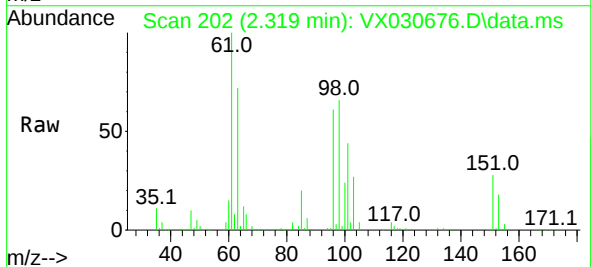
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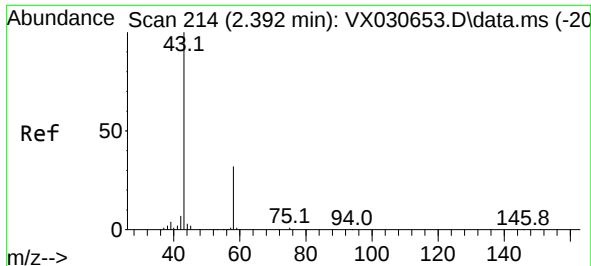
Tgt Ion:101 Resp: 118564
 Ion Ratio Lower Upper
 101 100
 85 42.4 35.3 52.9
 151 70.3 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 58.254 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030676.D
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Tgt Ion: 96 Resp: 103368
 Ion Ratio Lower Upper
 96 100
 61 164.7 130.2 241.8
 63 117.9 113.5 210.9

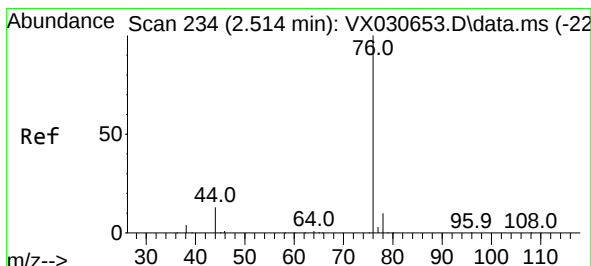
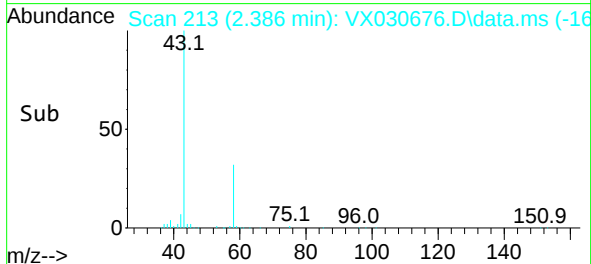
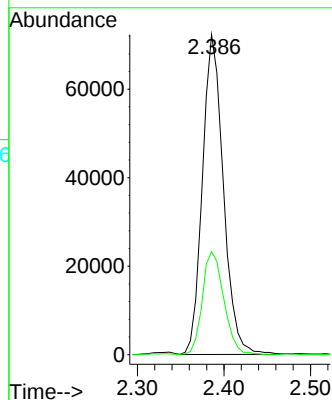
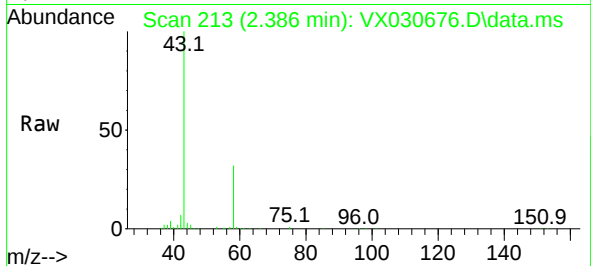




#13
Acetone
Concen: 87.760 ug/L
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030676.D
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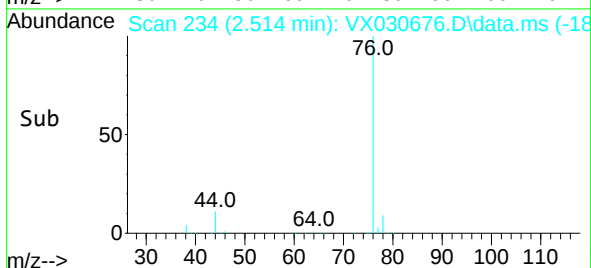
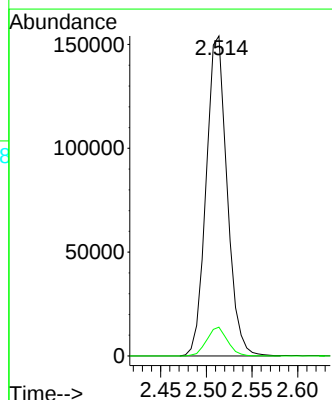
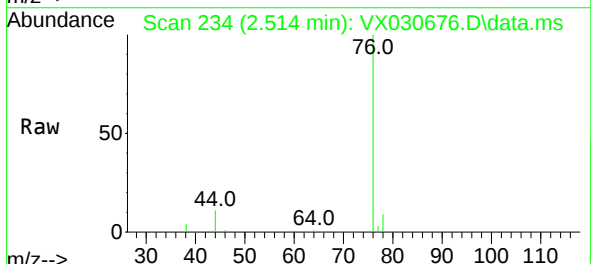
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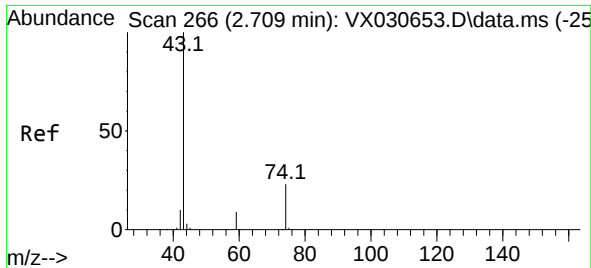
Tgt Ion: 43 Resp: 121329
Ion Ratio Lower Upper
43 100
58 33.0 0.0 57.8



#14
Carbon disulfide
Concen: 42.590 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 244946
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

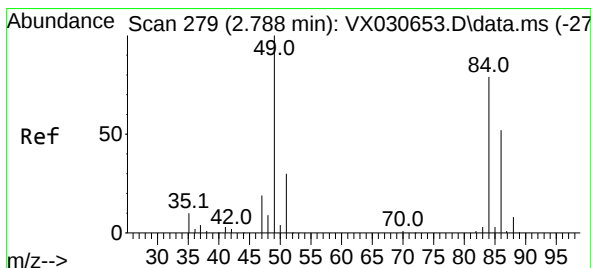
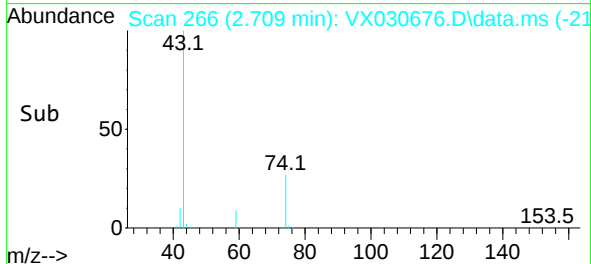
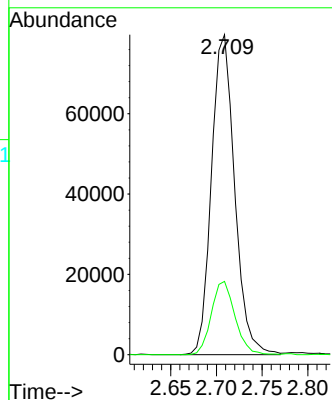
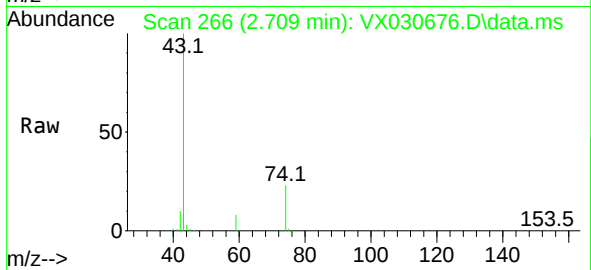




#15
Methyl Acetate
Concen: 49.116 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

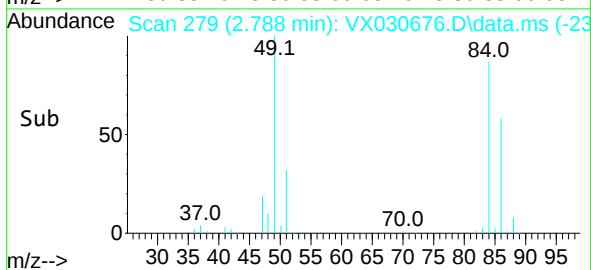
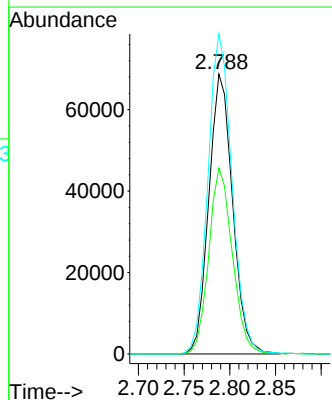
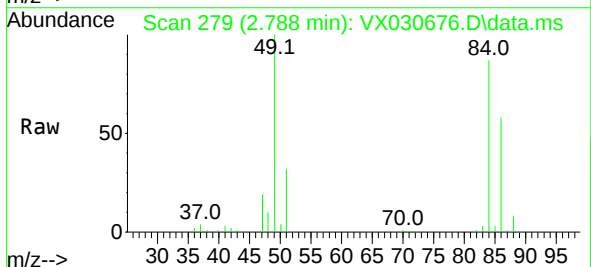
Instrument :
MSVOA_X
ClientSampleId :

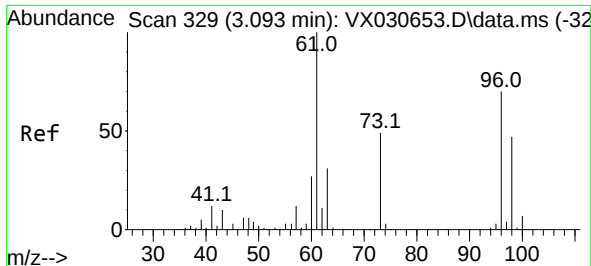
Tgt Ion: 43 Resp: 140550
Ion Ratio Lower Upper
43 100
74 23.3 17.2 25.8



#16
Methylene chloride
Concen: 55.335 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion: 84 Resp: 124504
Ion Ratio Lower Upper
84 100
86 66.4 44.2 82.2
49 114.4 89.0 165.2





#17

trans-1,2-Dichloroethene

Concen: 52.647 ug/L

RT: 3.093 min Scan# 31

Delta R.T. 0.000 min

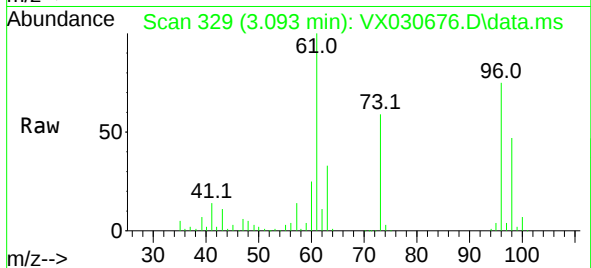
Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :



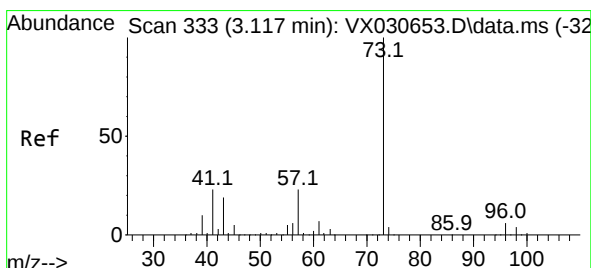
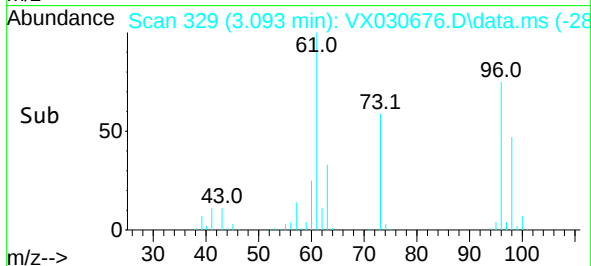
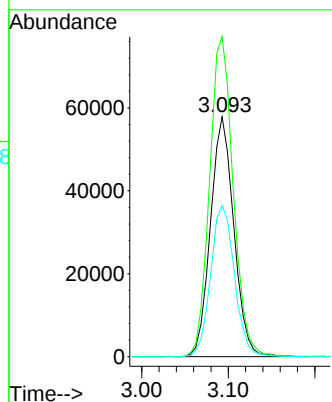
Tgt Ion: 96 Resp: 108228

Ion Ratio Lower Upper

96 100

61 133.4 103.7 192.5

98 62.9 41.5 77.1



#18

Methyl tert-butyl Ether

Concen: 53.233 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

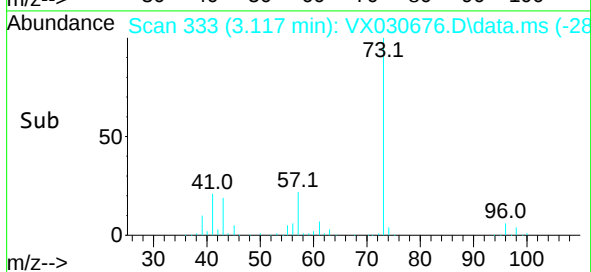
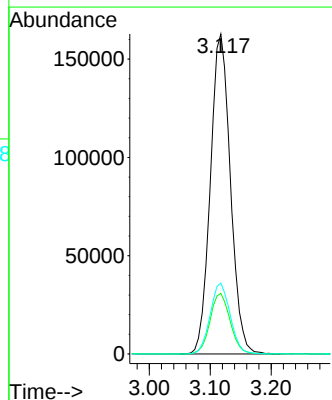
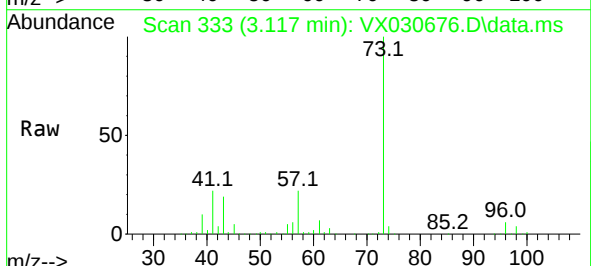
Tgt Ion: 73 Resp: 372152

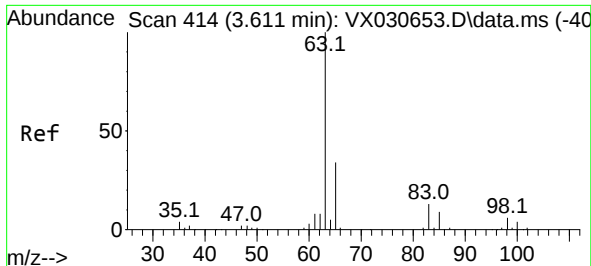
Ion Ratio Lower Upper

73 100

43 19.0 17.6 26.4

57 22.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 54.919 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

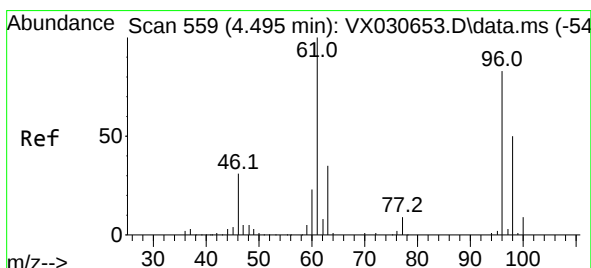
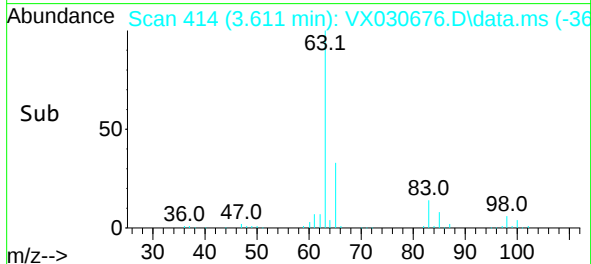
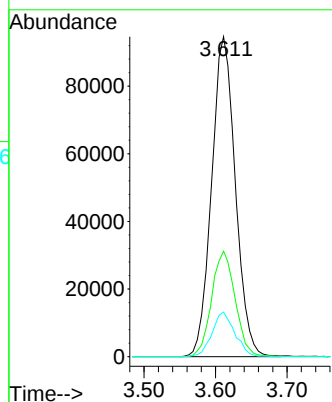
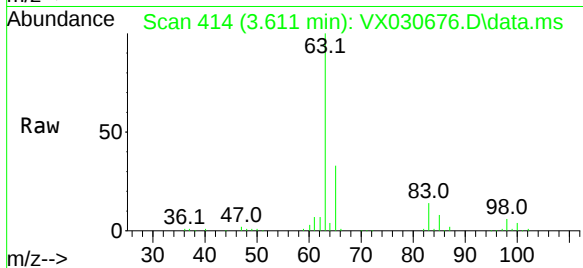
Tgt Ion: 63 Resp: 218361

Ion Ratio Lower Upper

63 100

65 33.0 22.0 40.8

83 13.9 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 56.966 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

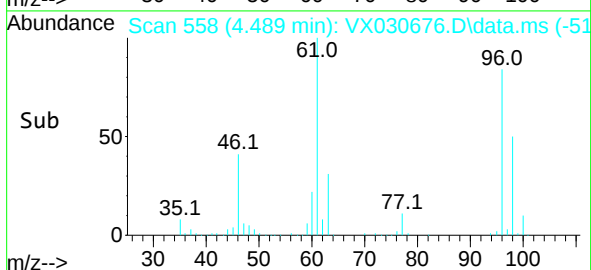
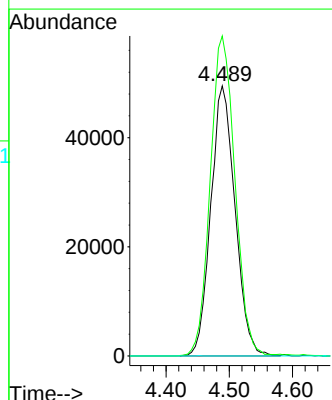
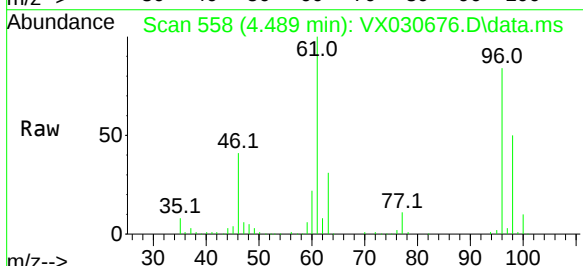
Tgt Ion: 96 Resp: 131734

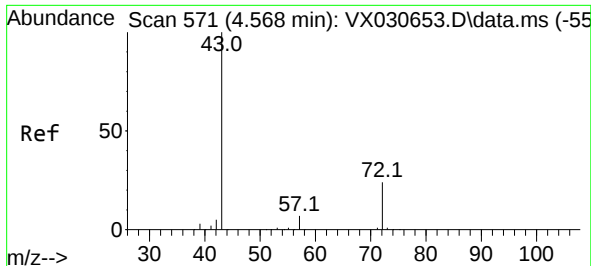
Ion Ratio Lower Upper

96 100

61 118.5 94.0 174.6

68 0.0 0.0 0.0

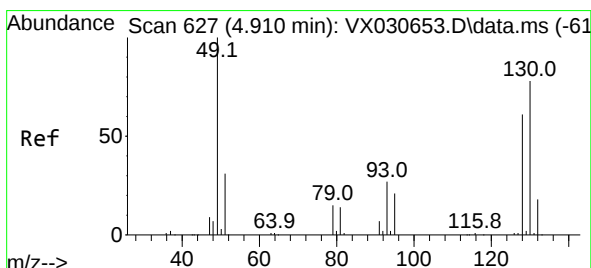
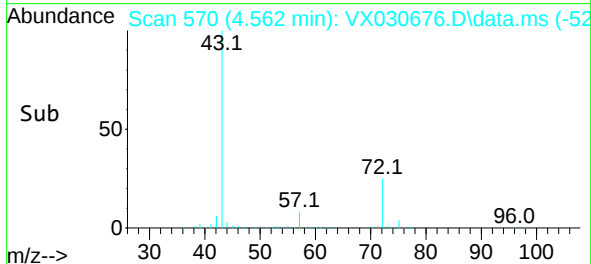
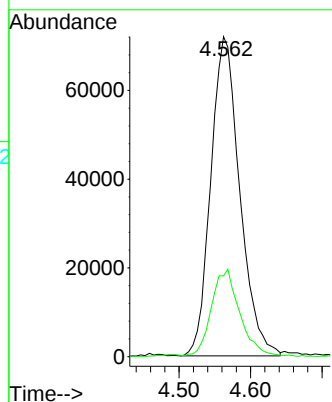
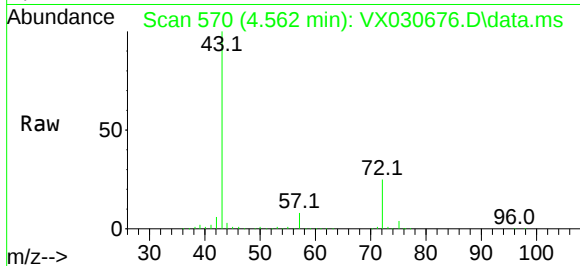




#22
2-Butanone
Concen: 92.824 ug/L
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

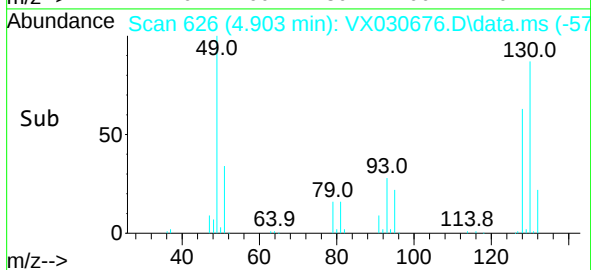
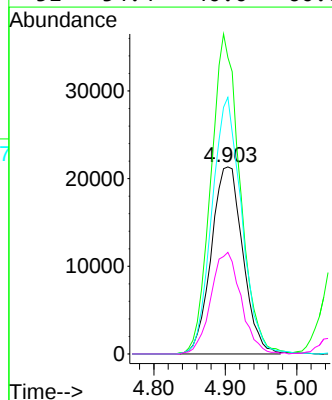
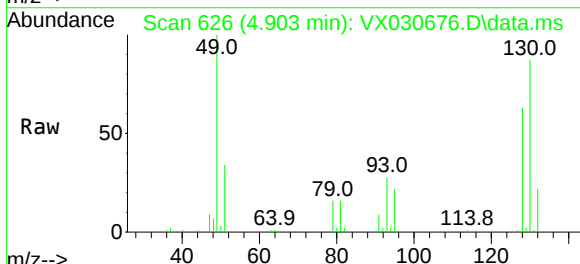
Instrument :
MSVOA_X
ClientSampleId :

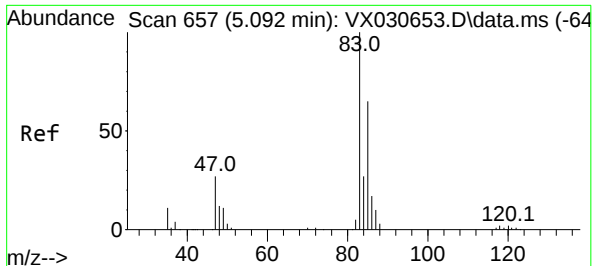
Tgt Ion: 43 Resp: 202444
Ion Ratio Lower Upper
43 100
72 26.9 11.7 35.1



#23
Bromochloromethane
Concen: 56.289 ug/L
RT: 4.903 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion:128 Resp: 65277
Ion Ratio Lower Upper
128 100
49 158.5 116.8 216.8
130 137.2 90.3 167.7
51 54.4 40.0 60.0





#25

Chloroform

Concen: 55.475 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

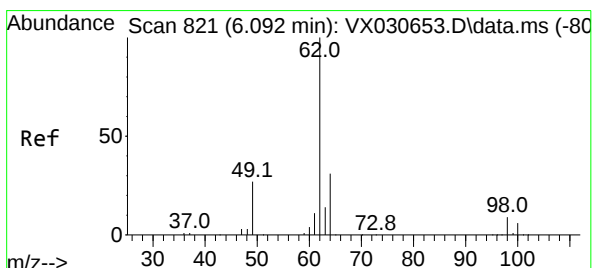
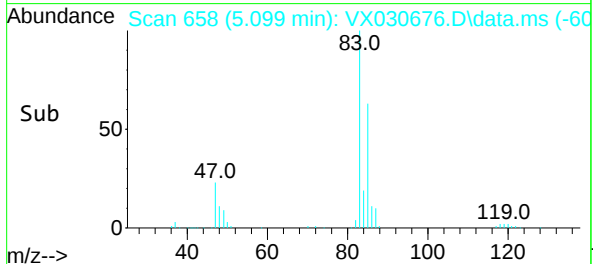
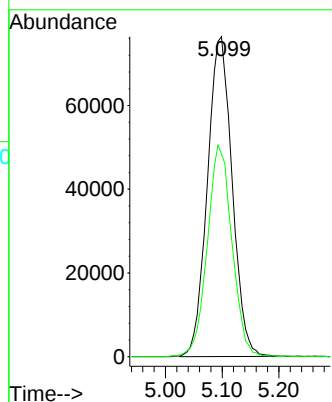
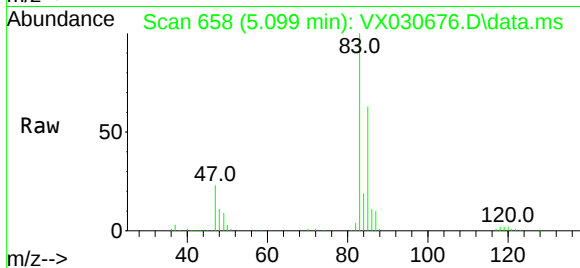
ClientSampleId :

Tgt Ion: 83 Resp: 231750

Ion Ratio Lower Upper

83 100

85 63.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 47.829 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX030676.D

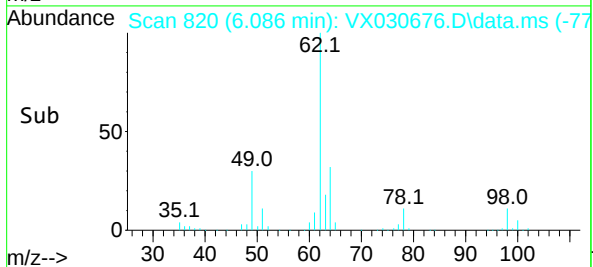
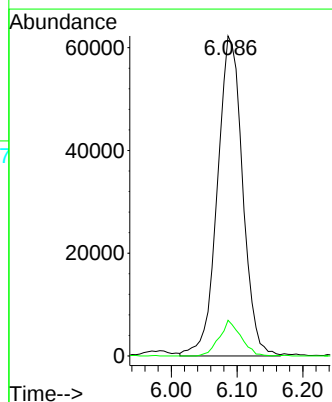
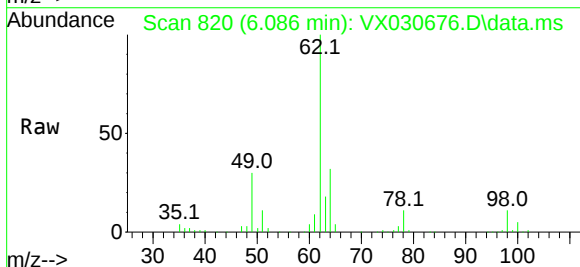
Acq: 18 Aug 2022 11:12

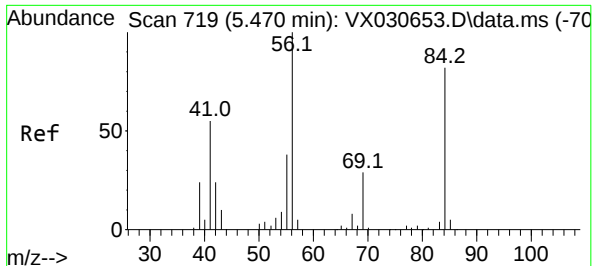
Tgt Ion: 62 Resp: 166301

Ion Ratio Lower Upper

62 100

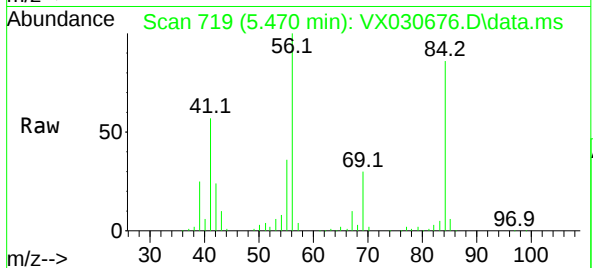
98 11.1 7.0 10.6#



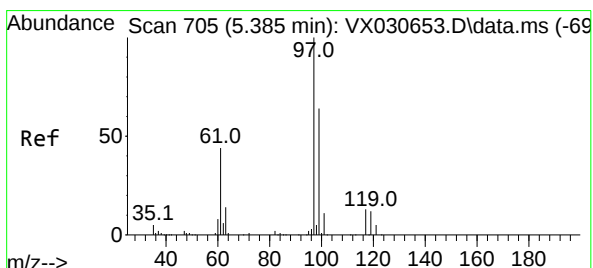
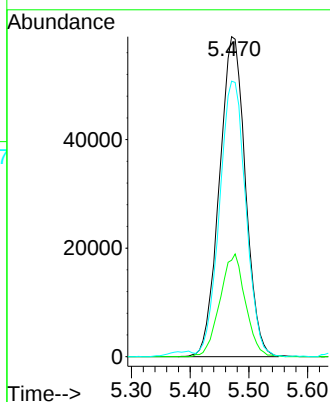
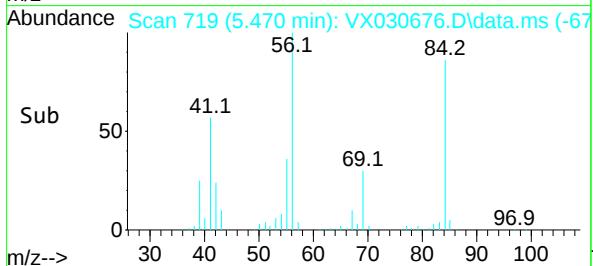


#29
Cyclohexane
Concen: 46.942 ug/L
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Instrument :
MSVOA_X
ClientSampleId :

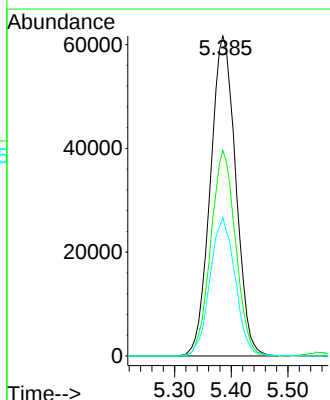
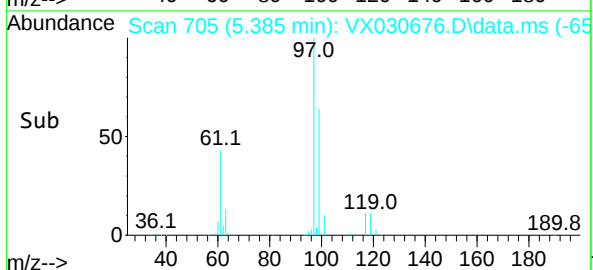
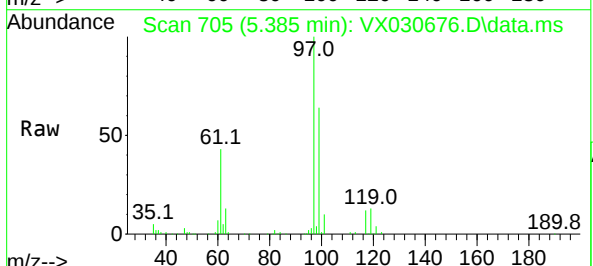


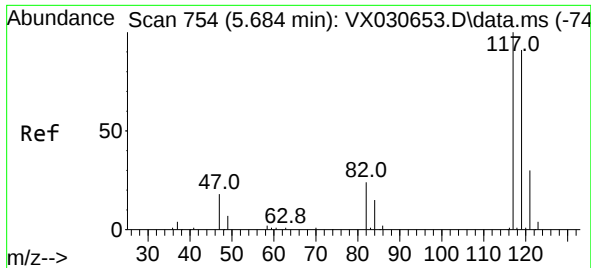
Tgt Ion: 56 Resp: 181769
Ion Ratio Lower Upper
56 100
69 31.3 24.3 36.5
84 86.6 66.7 100.1



#30
1,1,1-Trichloroethane
Concen: 49.871 ug/L
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

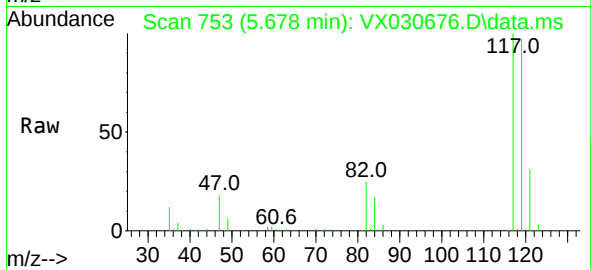
Tgt Ion: 97 Resp: 191606
Ion Ratio Lower Upper
97 100
99 62.9 51.4 77.0
61 42.8 37.0 55.6



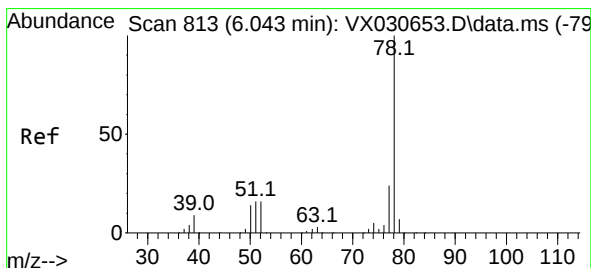
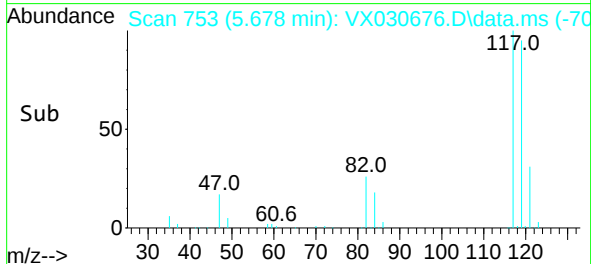
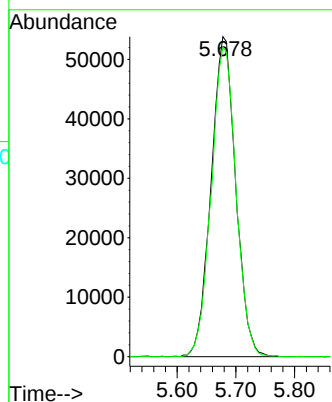


#31
Carbon tetrachloride
Concen: 49.433 ug/L
RT: 5.678 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Instrument :
MSVOA_X
ClientSampleId :

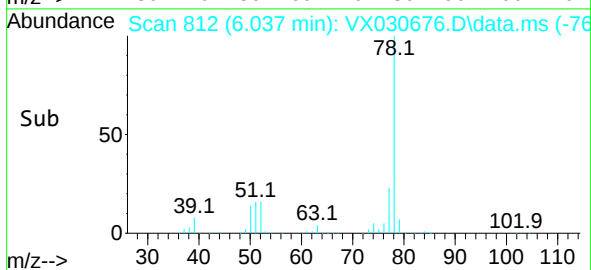
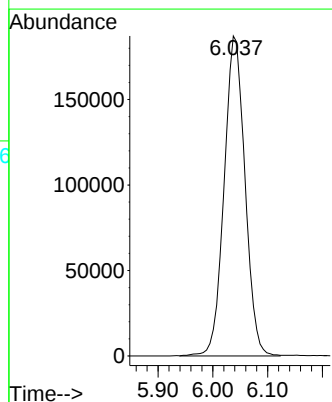
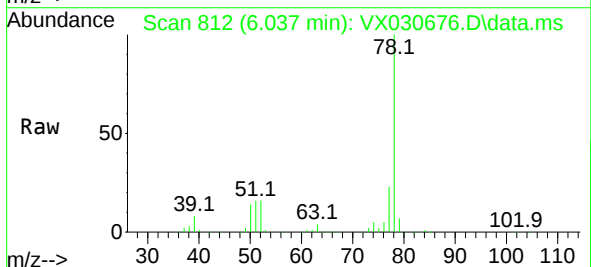


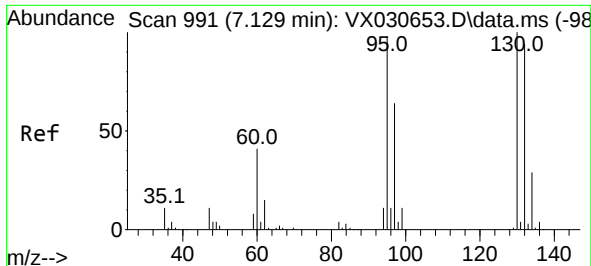
Tgt Ion:117 Resp: 156752
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.2



#33
Benzene
Concen: 53.145 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

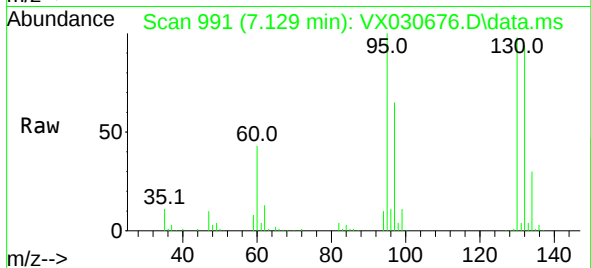
Tgt Ion: 78 Resp: 496309





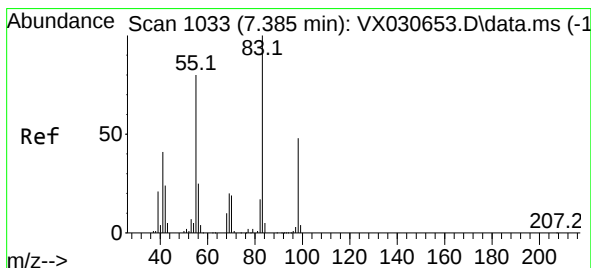
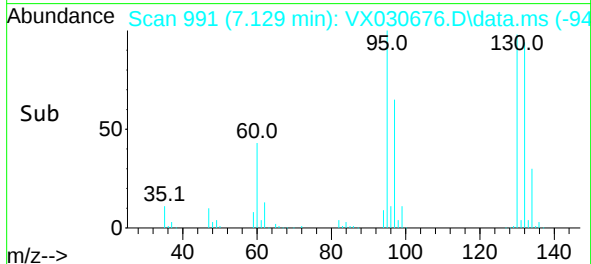
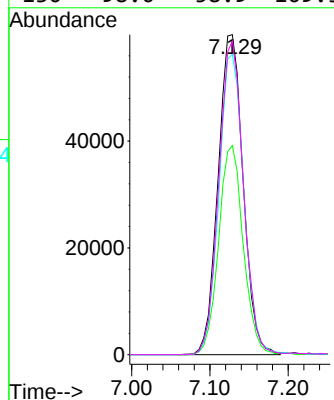
#34
Trichloroethene
Concen: 49.306 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 133360

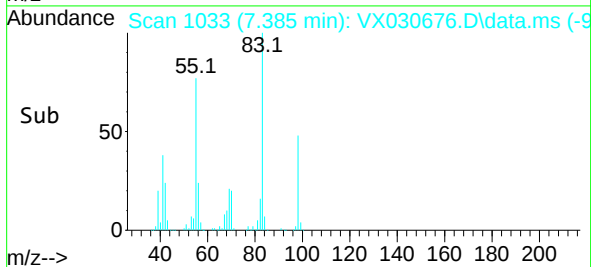
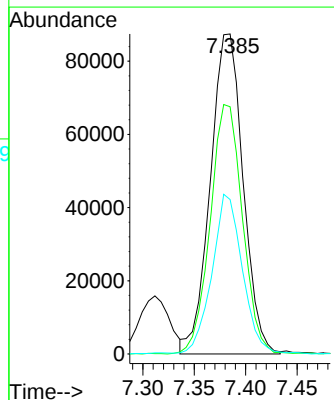
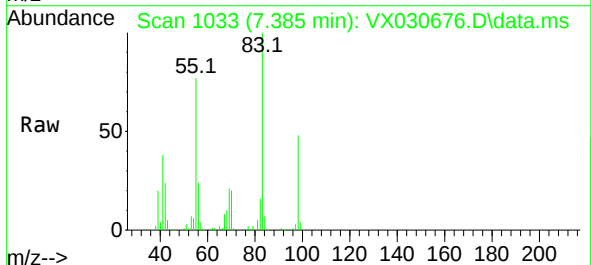
Ion	Ratio	Lower	Upper
95	100		
97	65.3	40.2	74.6
132	93.9	55.3	102.7
130	98.0	58.9	109.5

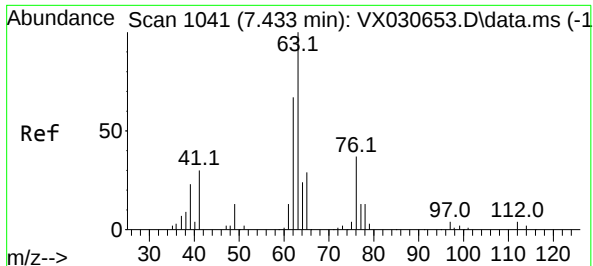


#35
Methylcyclohexane
Concen: 49.237 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion: 83 Resp: 193874

Ion	Ratio	Lower	Upper
83	100		
55	76.5	64.0	96.0
98	46.0	36.7	55.1





#37

1,2-Dichloropropane

Concen: 53.638 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

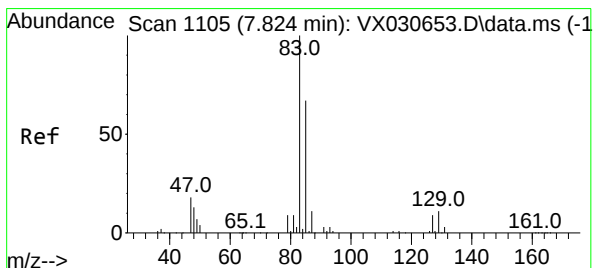
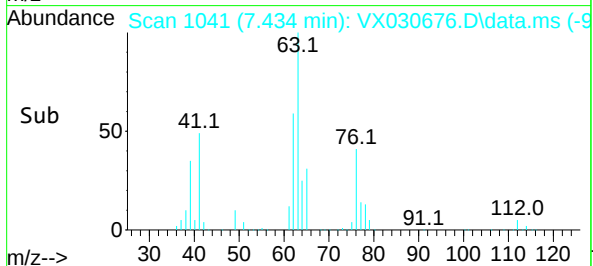
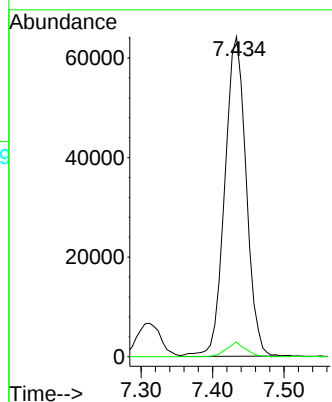
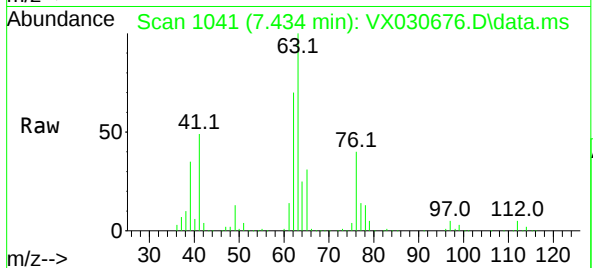
ClientSampleId :

Tgt Ion: 63 Resp: 133186

Ion Ratio Lower Upper

63 100

112 4.1 3.0 4.4



#38

Bromodichloromethane

Concen: 52.038 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

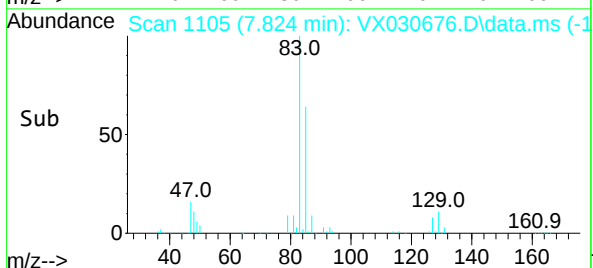
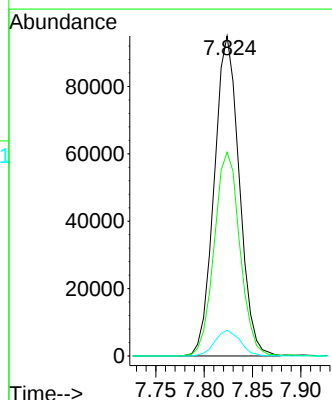
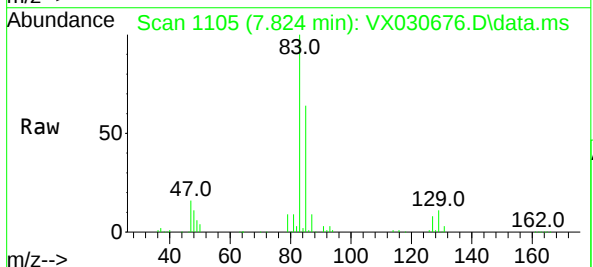
Tgt Ion: 83 Resp: 171008

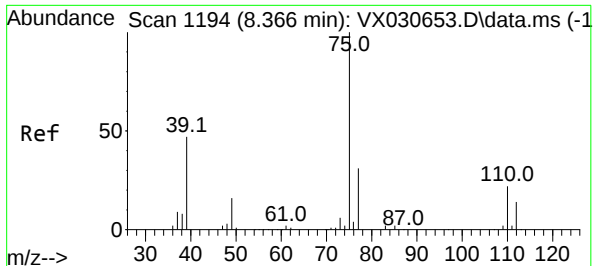
Ion Ratio Lower Upper

83 100

85 63.6 42.5 78.9

127 8.0 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 52.505 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

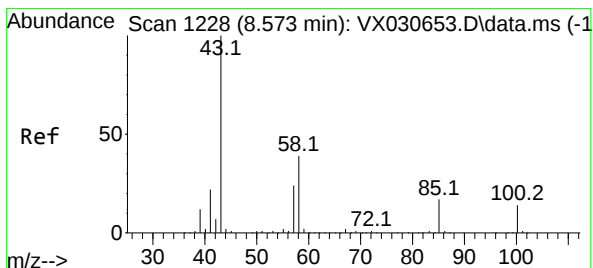
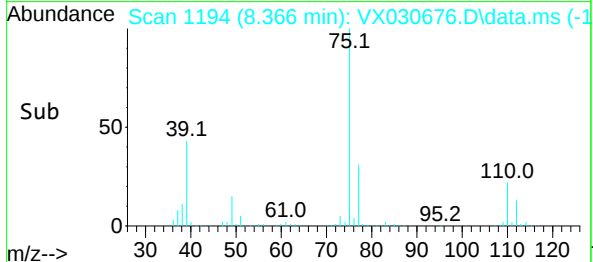
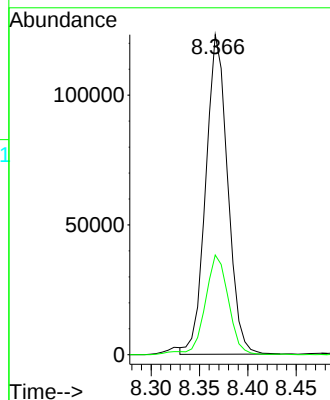
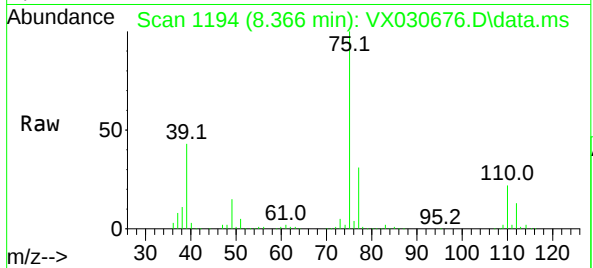
ClientSampleId :

Tgt Ion: 75 Resp: 194479

Ion Ratio Lower Upper

75 100

77 31.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 92.438 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

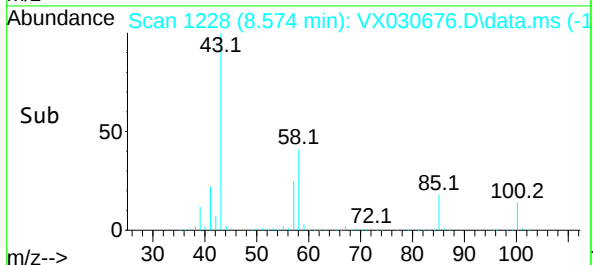
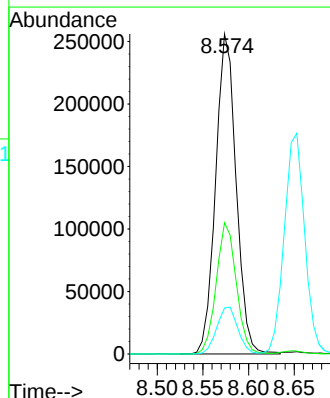
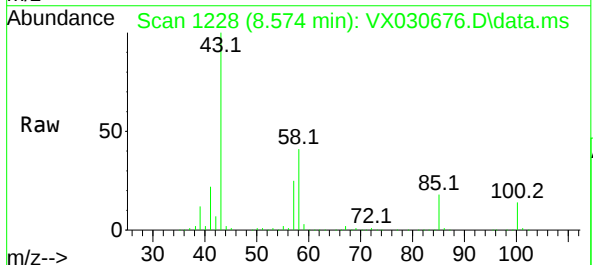
Tgt Ion: 43 Resp: 399708

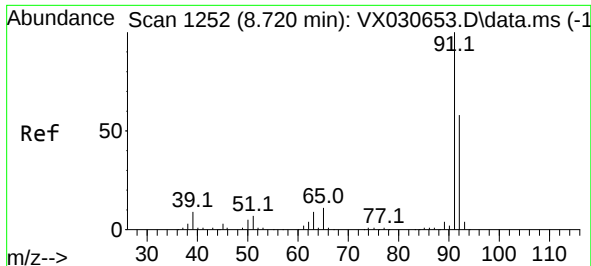
Ion Ratio Lower Upper

43 100

58 40.0 29.0 43.6

100 15.0 10.5 15.7

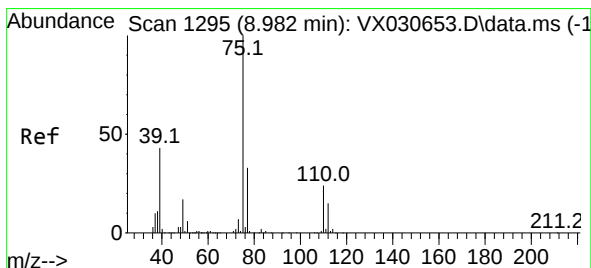
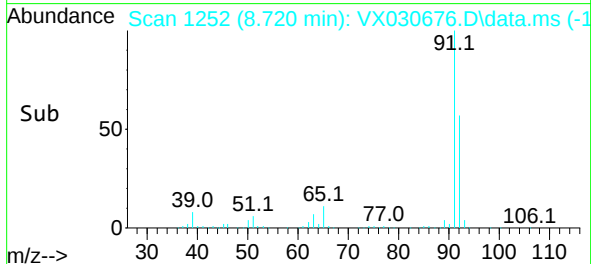
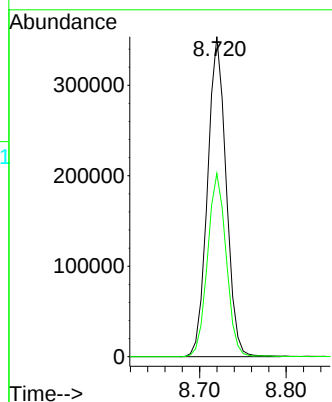
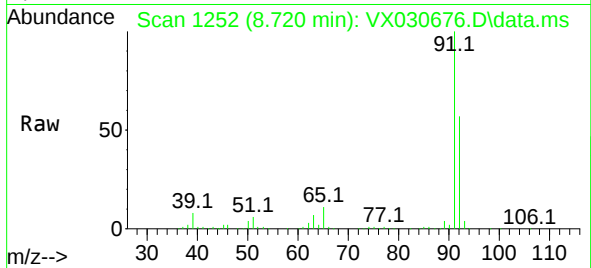




#42
Toluene
Concen: 53.430 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

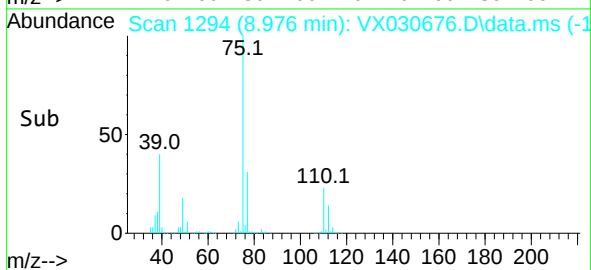
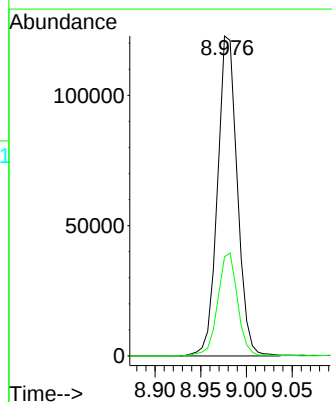
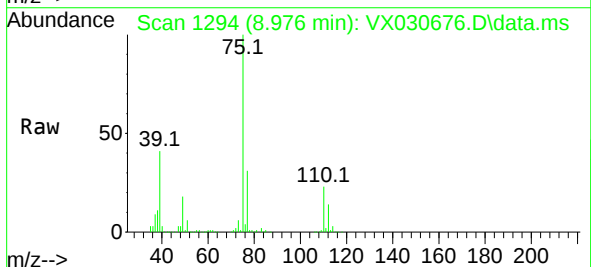
Instrument :
MSVOA_X
ClientSampleId :

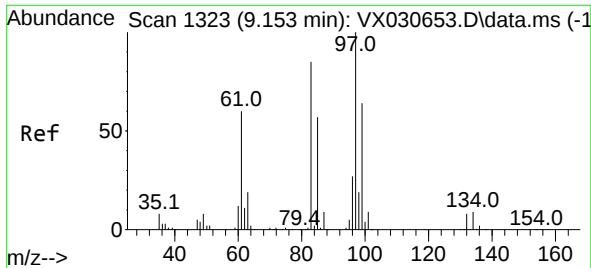
Tgt Ion: 91 Resp: 527109
Ion Ratio Lower Upper
91 100
92 57.2 40.0 74.4



#44
trans-1,3-Dichloropropene
Concen: 51.159 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion: 75 Resp: 185472
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 56.880 ug/L

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 131327

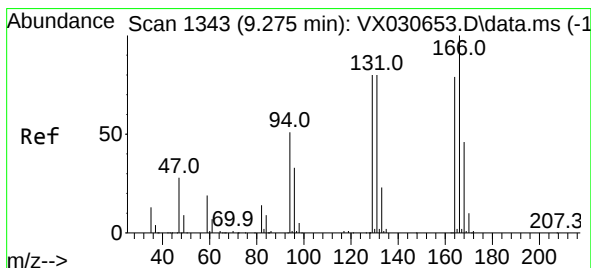
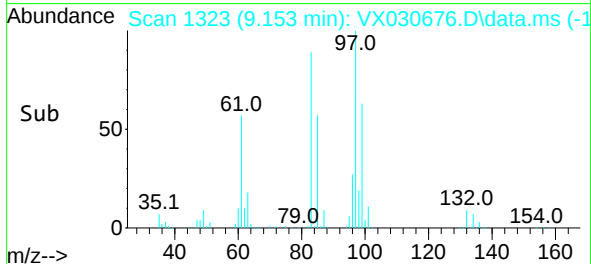
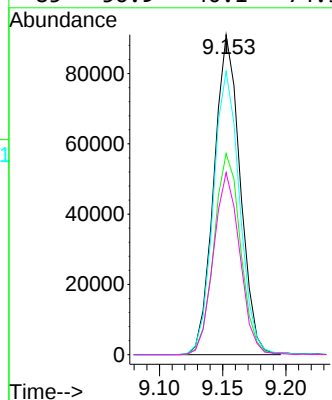
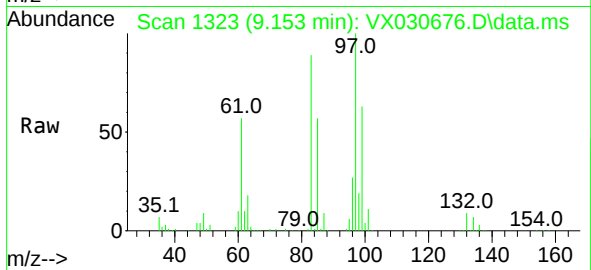
Ion Ratio Lower Upper

97 100

99 62.8 43.3 80.3

83 88.5 63.0 117.0

85 56.9 40.1 74.5



#46

Tetrachloroethene

Concen: 51.394 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Tgt Ion:164 Resp: 87851

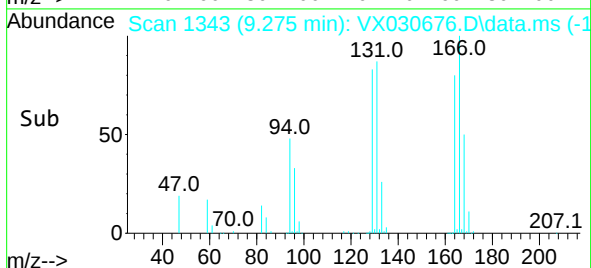
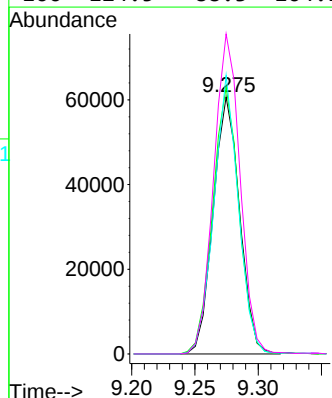
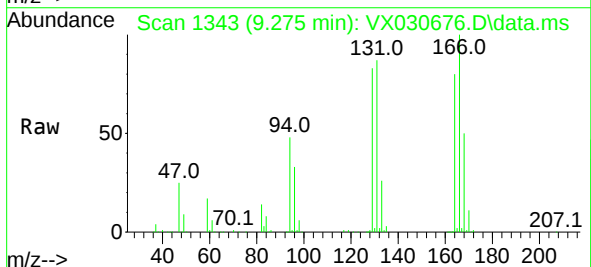
Ion Ratio Lower Upper

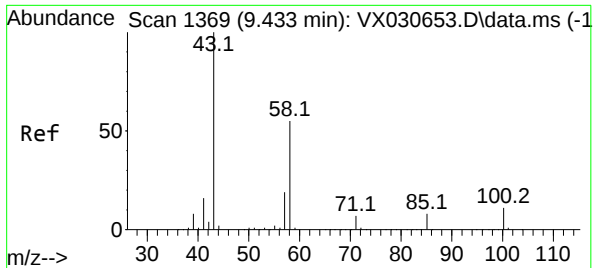
164 100

129 103.8 72.7 135.1

131 108.4 69.9 129.9

166 124.5 88.3 164.1



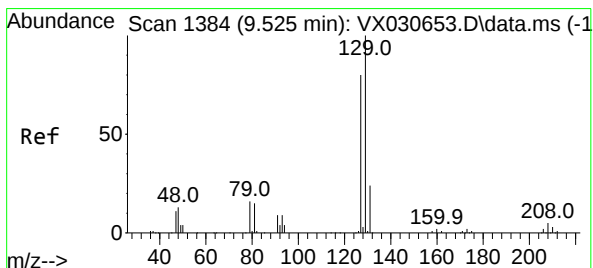
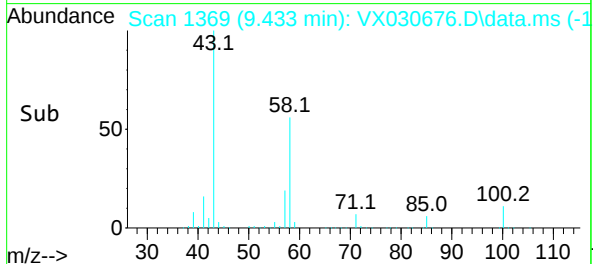
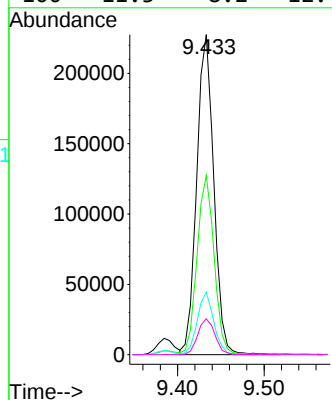
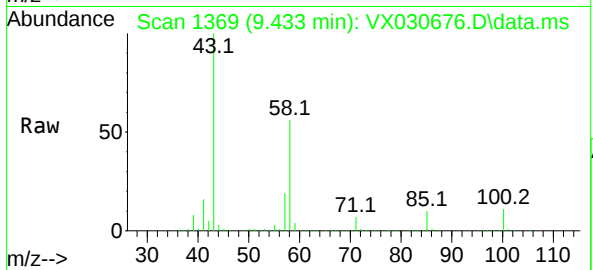


#48
2-Hexanone
Concen: 92.994 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 312430

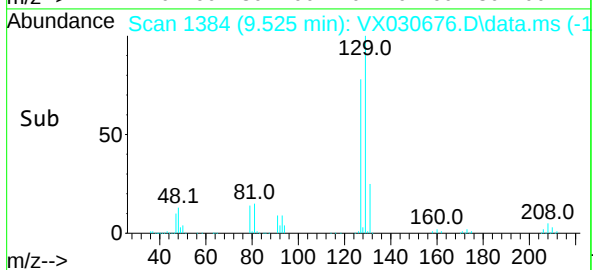
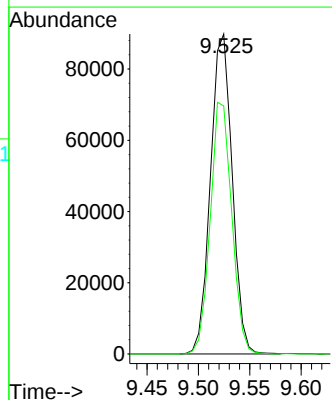
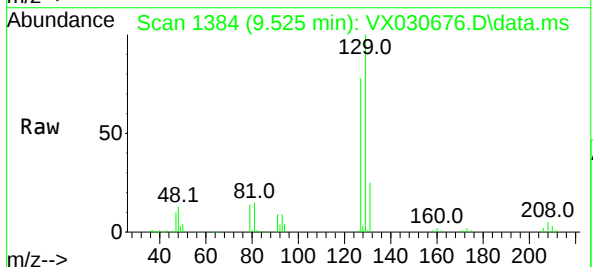
Ion	Ratio	Lower	Upper
43	100		
58	55.4	40.4	60.6
57	18.7	14.6	22.0
100	11.3	8.2	12.4

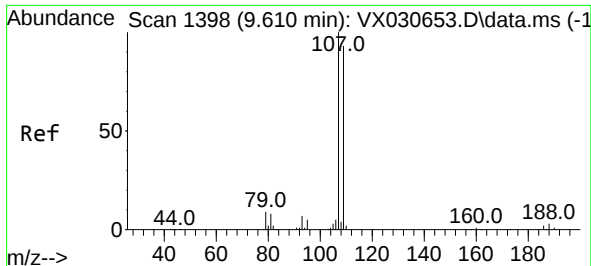


#49
Dibromochloromethane
Concen: 53.704 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion: 129 Resp: 131916

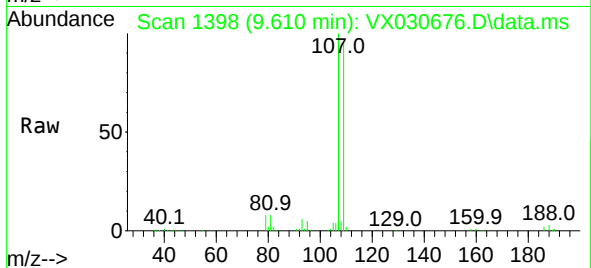
Ion	Ratio	Lower	Upper
129	100		
127	77.5	55.6	103.2



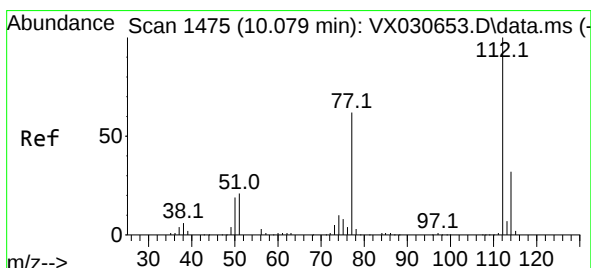
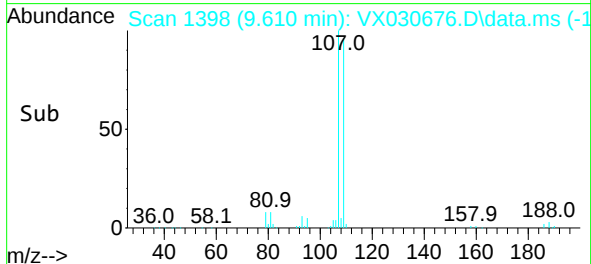
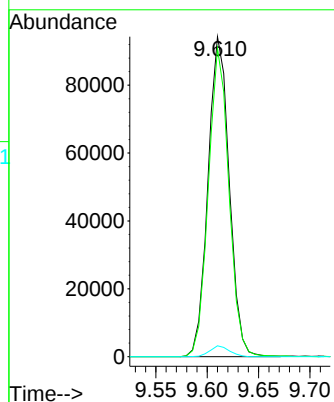


#50
1,2-Dibromoethane
Concen: 53.386 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Instrument :
MSVOA_X
ClientSampleId :

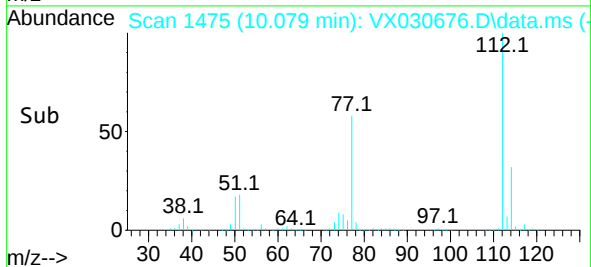
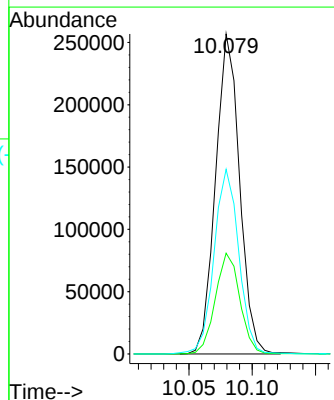
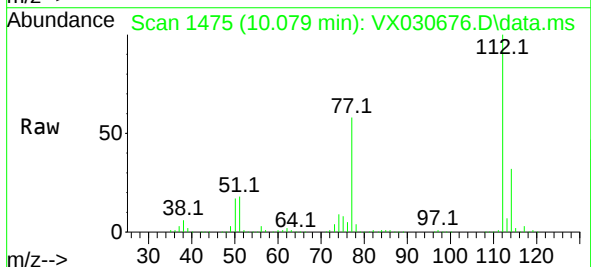


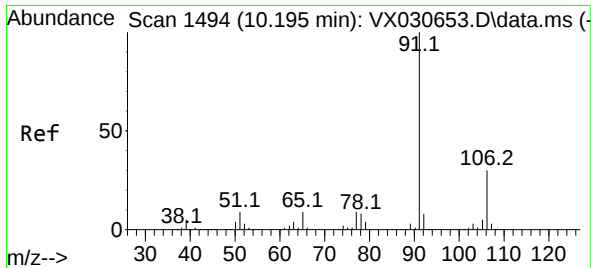
Tgt Ion:107 Resp: 135551
Ion Ratio Lower Upper
107 100
109 96.4 64.8 120.4
188 3.4 2.2 3.2#



#51
Chlorobenzene
Concen: 55.134 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion:112 Resp: 338862
Ion Ratio Lower Upper
112 100
114 31.5 22.3 41.5
77 57.7 50.8 76.2

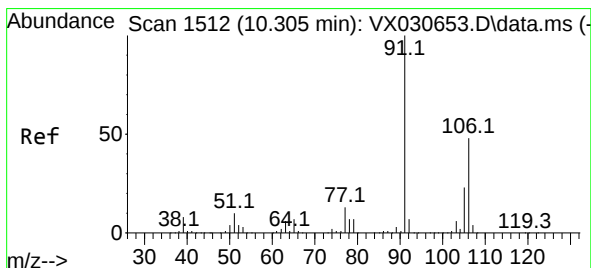
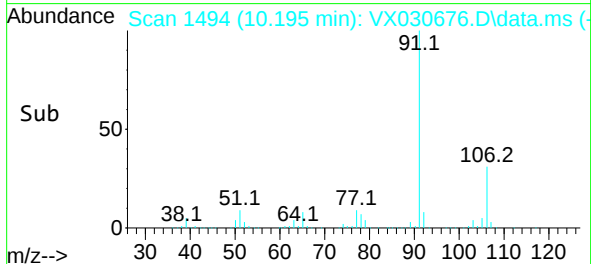
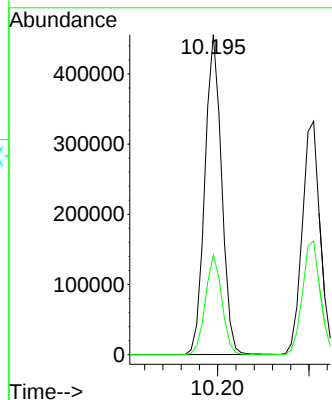
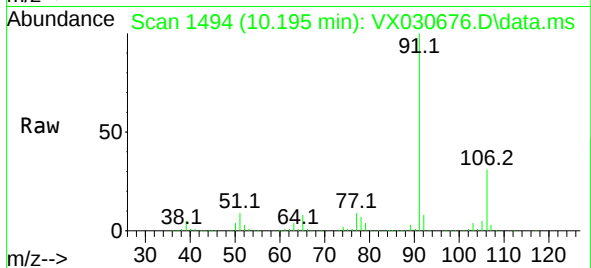




#52
Ethylbenzene
Concen: 53.669 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

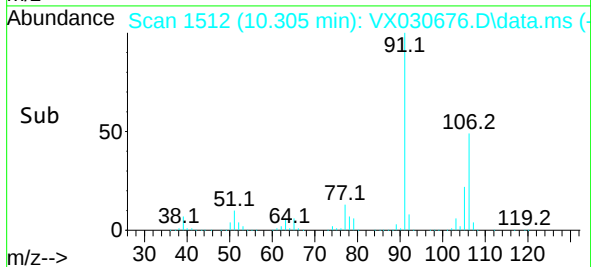
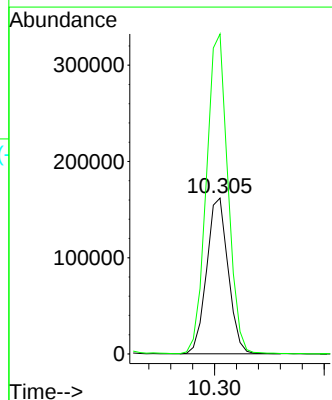
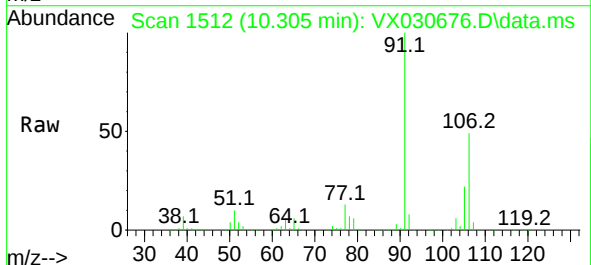
Instrument :
MSVOA_X
ClientSampleId :

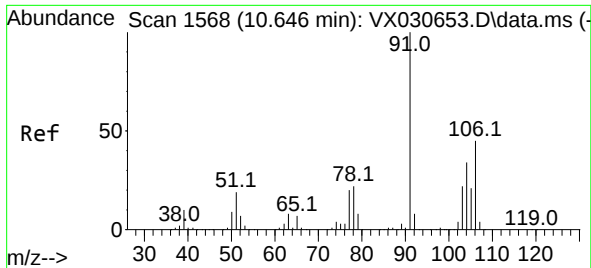
Tgt Ion: 91 Resp: 577314
Ion Ratio Lower Upper
91 100
106 31.2 21.3 39.5



#53
m,p-Xylene
Concen: 54.883 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion: 106 Resp: 220048
Ion Ratio Lower Upper
106 100
91 205.3 147.8 274.6

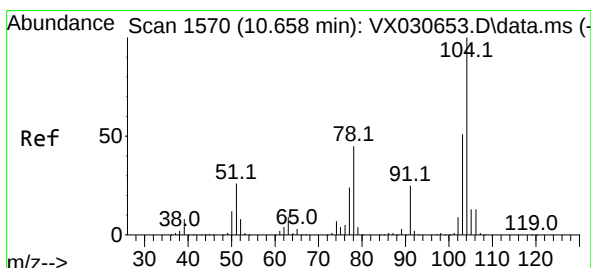
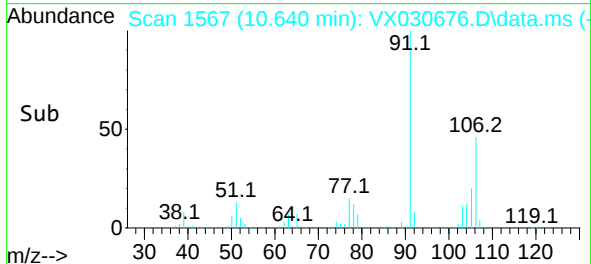
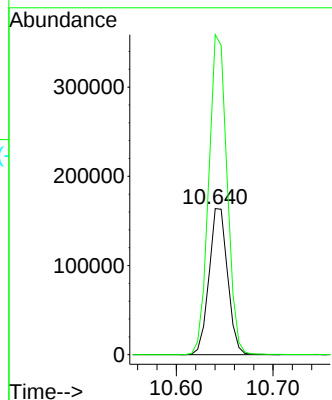
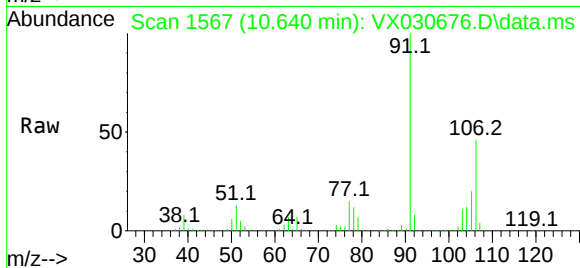




#54
o-Xylene
Concen: 54.848 ug/L
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

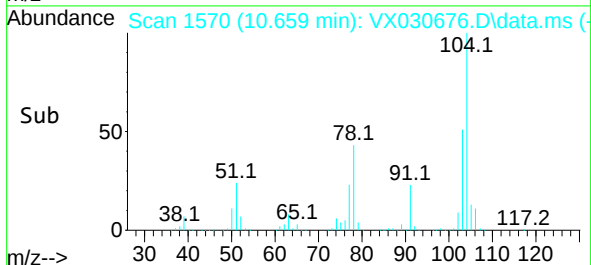
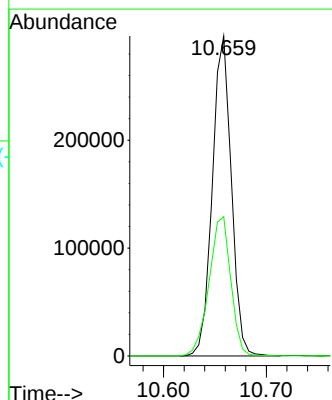
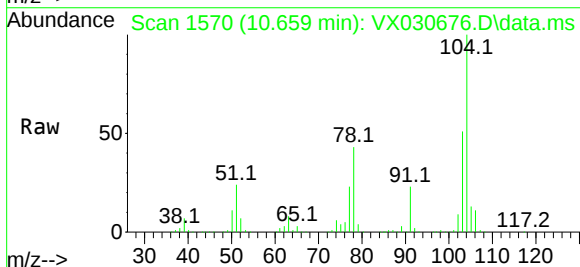
Instrument :
MSVOA_X
ClientSampleId :

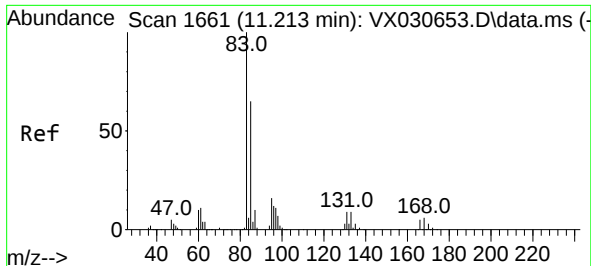
Tgt Ion:106 Resp: 219130
Ion Ratio Lower Upper
106 100
91 219.2 157.8 293.0



#55
Styrene
Concen: 56.489 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030676.D
Acq: 18 Aug 2022 11:12

Tgt Ion:104 Resp: 380007
Ion Ratio Lower Upper
104 100
78 43.5 33.2 61.7





#57

1,1,2,2-Tetrachloroethane

Concen: 57.631 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

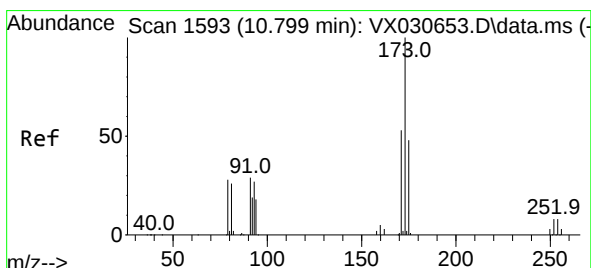
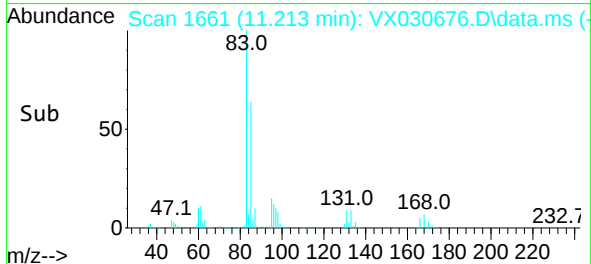
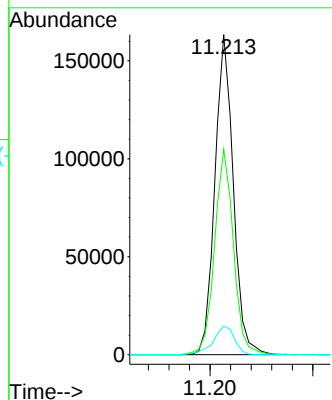
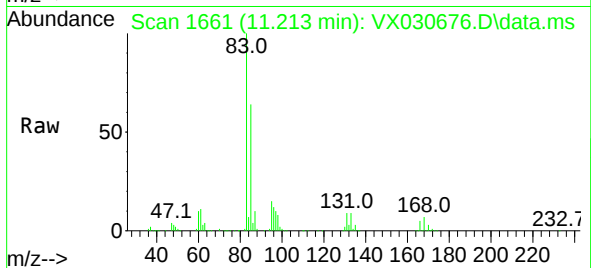
Tgt Ion: 83 Resp: 202464

Ion Ratio Lower Upper

83 100

85 64.2 44.4 82.4

131 8.9 7.5 11.3



#59

Bromoform

Concen: 52.940 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

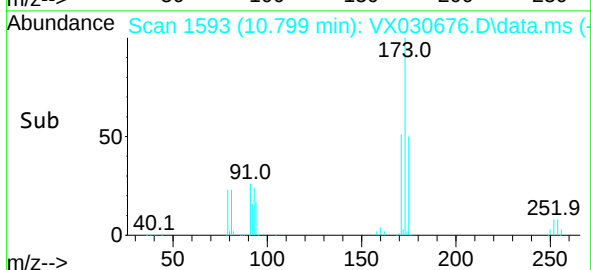
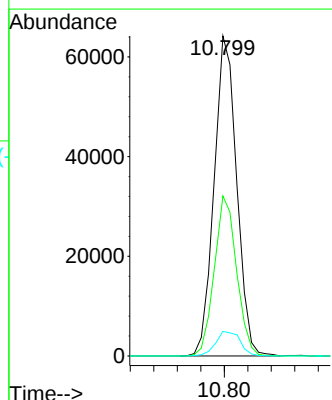
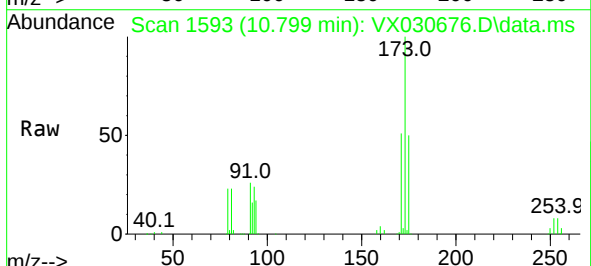
Tgt Ion:173 Resp: 85702

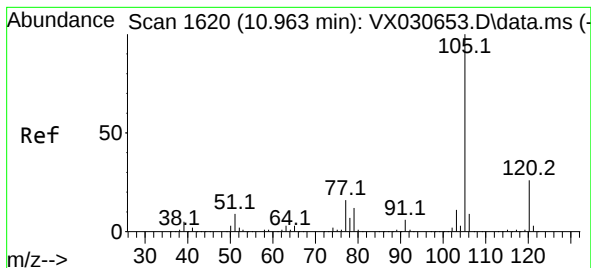
Ion Ratio Lower Upper

173 100

175 49.3 38.9 58.3

254 8.4 7.0 10.4





#60

Isopropylbenzene

Concen: 54.214 ug/L

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

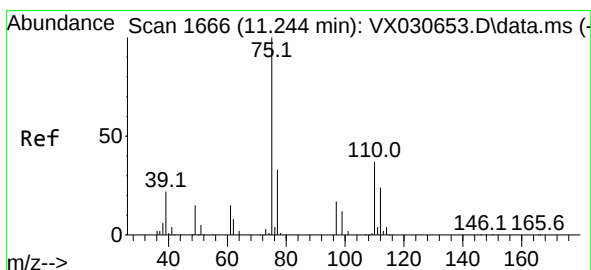
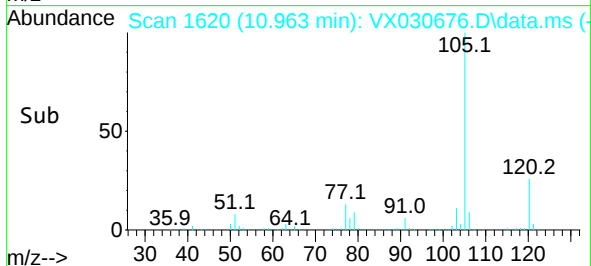
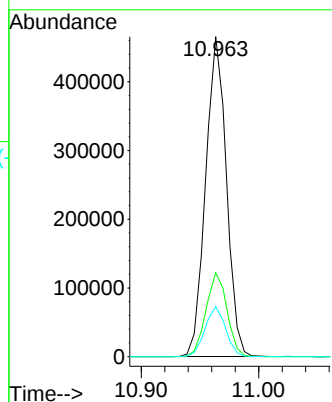
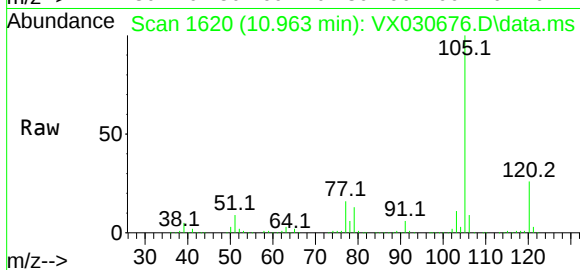
Tgt Ion:105 Resp: 571270

Ion Ratio Lower Upper

105 100

120 26.6 20.6 31.0

77 15.6 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 53.128 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.006 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

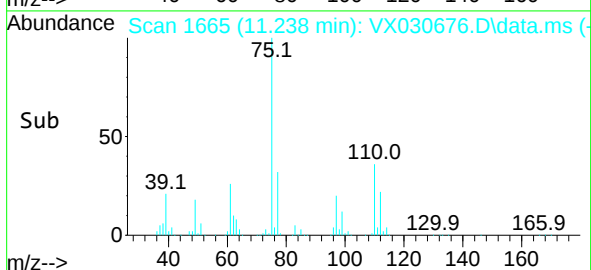
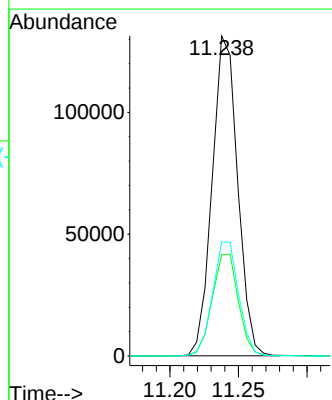
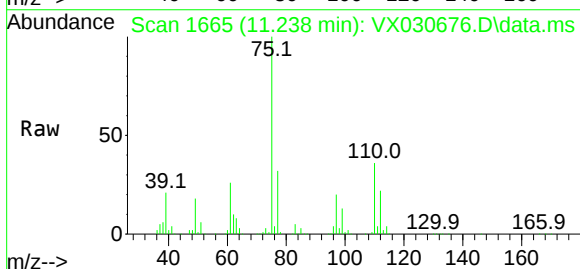
Tgt Ion: 75 Resp: 169612

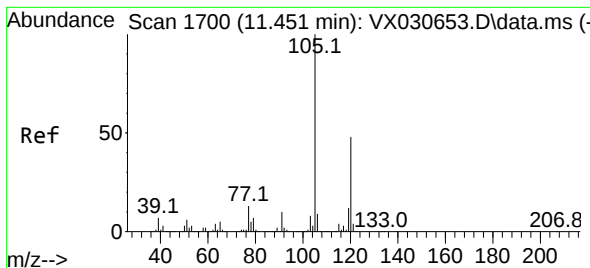
Ion Ratio Lower Upper

75 100

77 32.9 26.1 39.1

110 36.4 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 55.330 ug/L

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

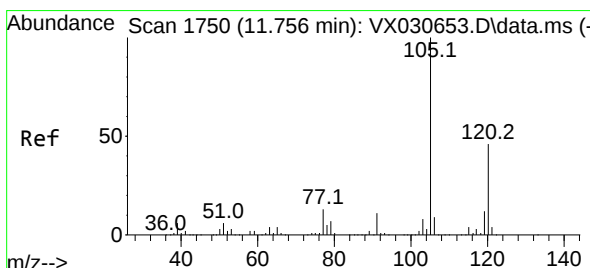
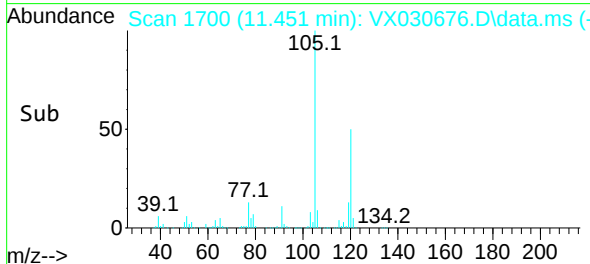
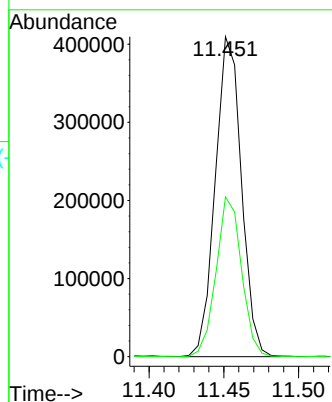
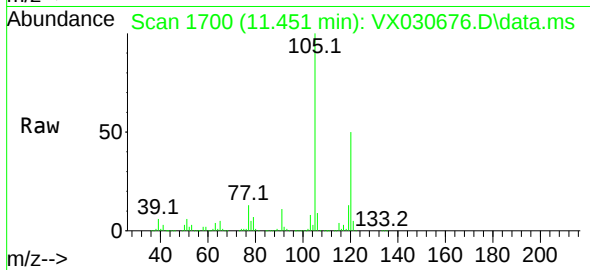
ClientSampleId :

Tgt Ion:105 Resp: 497758

Ion Ratio Lower Upper

105 100

120 48.6 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 53.968 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX030676.D

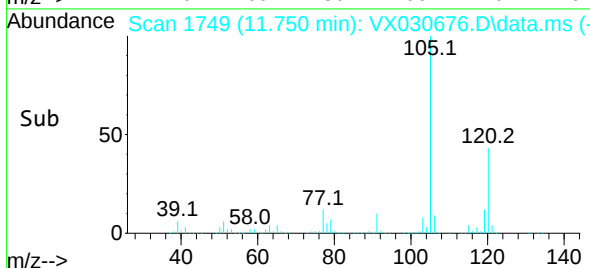
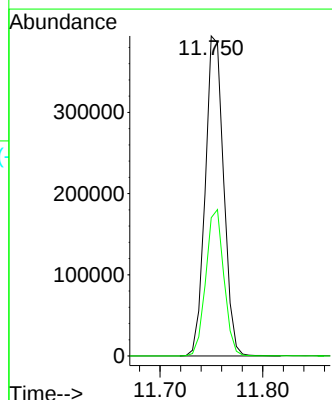
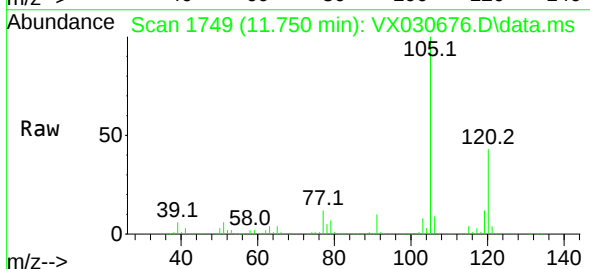
Acq: 18 Aug 2022 11:12

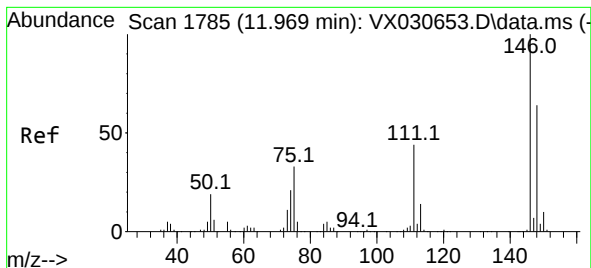
Tgt Ion:105 Resp: 490311

Ion Ratio Lower Upper

105 100

120 44.8 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 54.548 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

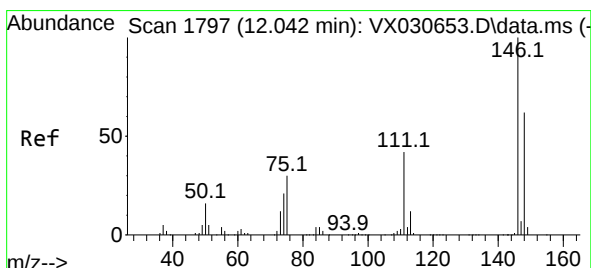
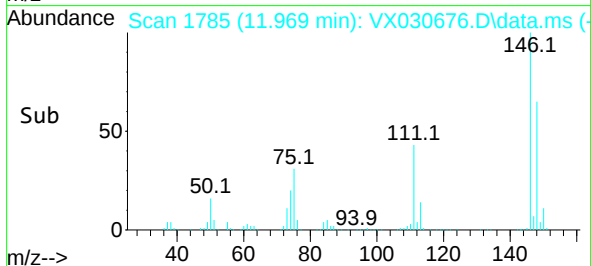
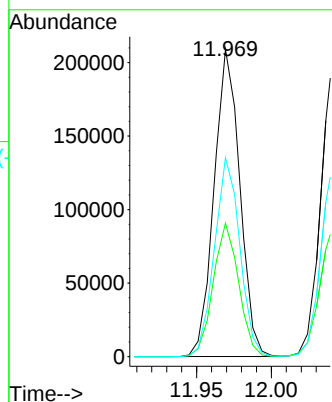
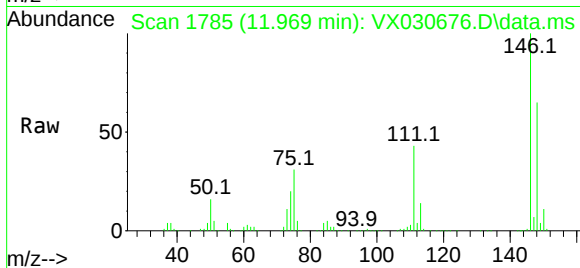
Tgt Ion:146 Resp: 249868

Ion Ratio Lower Upper

146 100

111 43.4 30.9 57.5

148 64.7 42.6 79.0



#65

1,4-Dichlorobenzene

Concen: 54.942 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

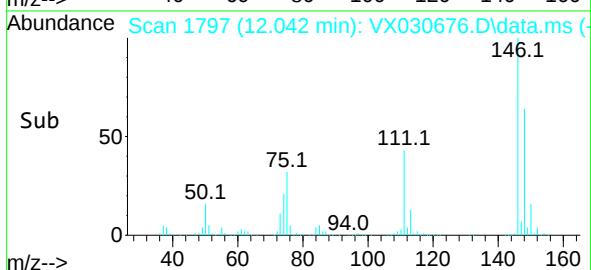
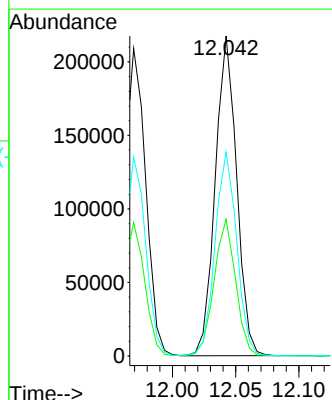
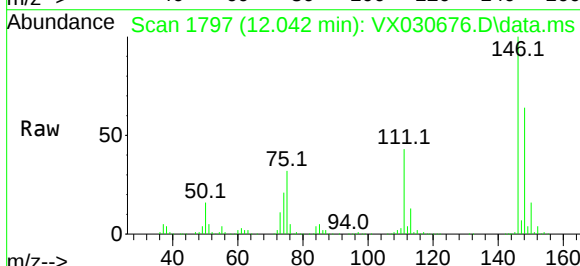
Tgt Ion:146 Resp: 255843

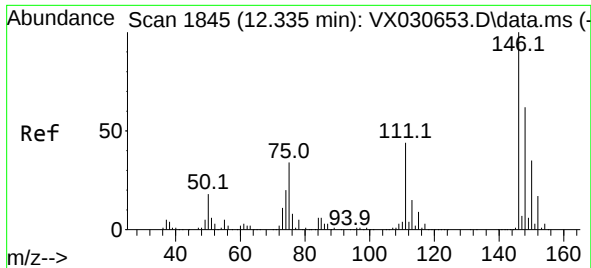
Ion Ratio Lower Upper

146 100

111 42.7 32.6 60.6

148 63.8 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 55.438 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

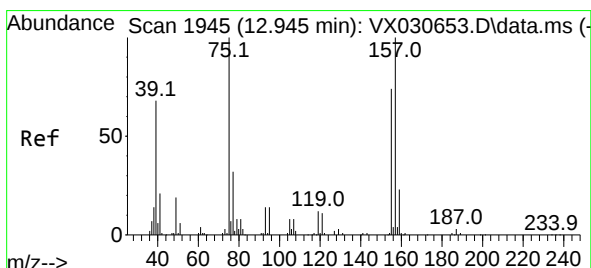
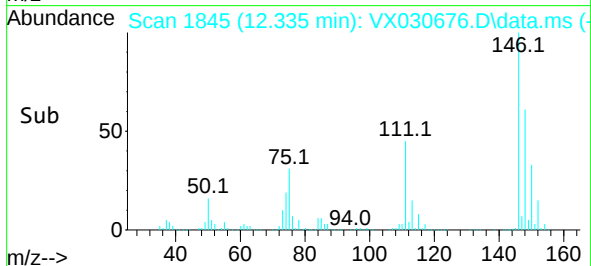
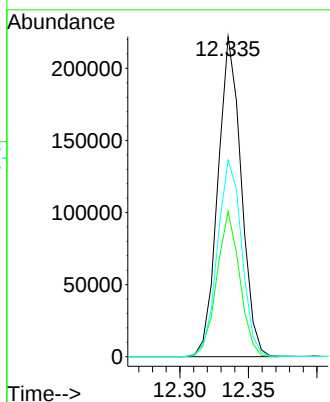
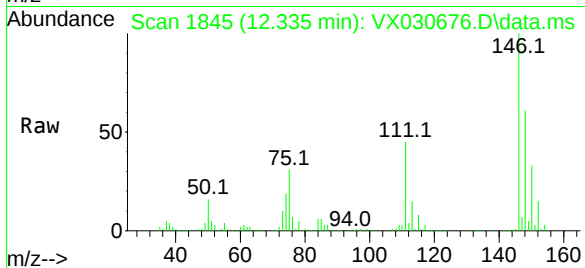
Tgt Ion:146 Resp: 262609

Ion Ratio Lower Upper

146 100

111 45.3 36.9 55.3

148 61.5 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 48.509 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

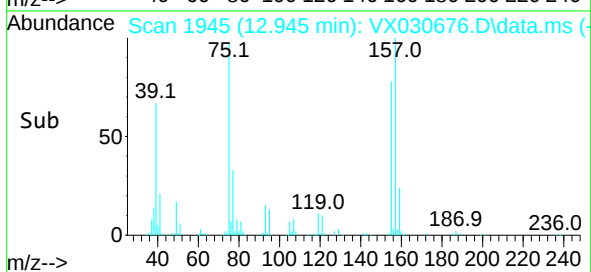
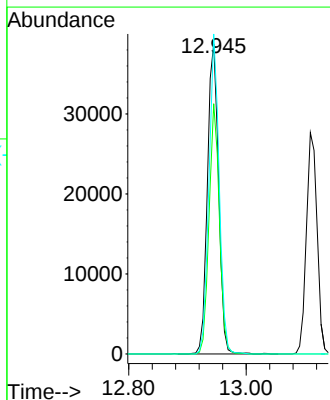
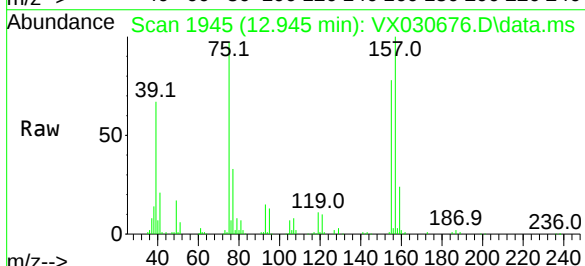
Tgt Ion: 75 Resp: 51086

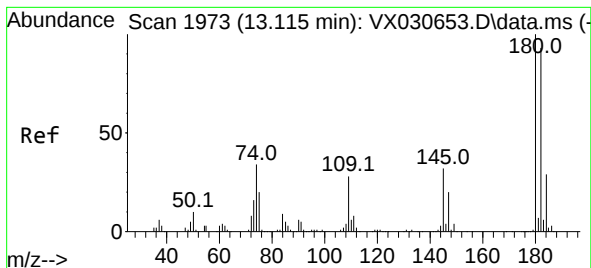
Ion Ratio Lower Upper

75 100

155 80.7 57.1 85.7

157 103.2 73.1 109.7





#69

1,3,5-Trichlorobenzene

Concen: 53.780 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.000 min

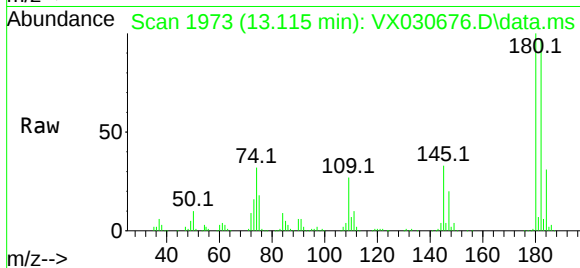
Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 172762

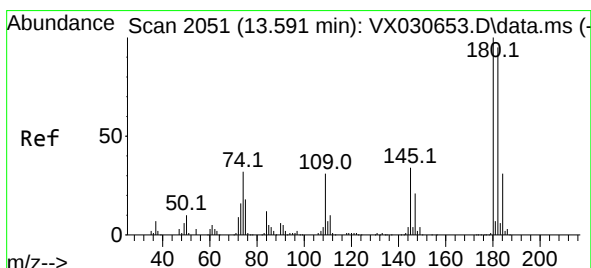
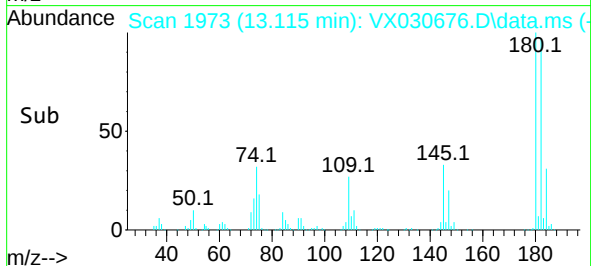
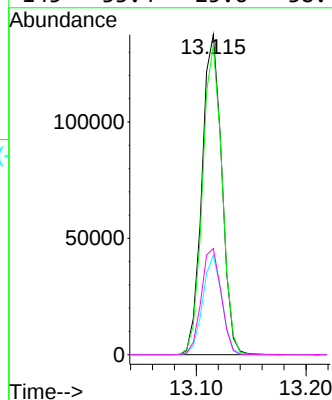
Ion Ratio Lower Upper

180 100

182 95.4 73.7 110.5

184 29.9 24.1 36.1

145 33.4 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 56.028 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

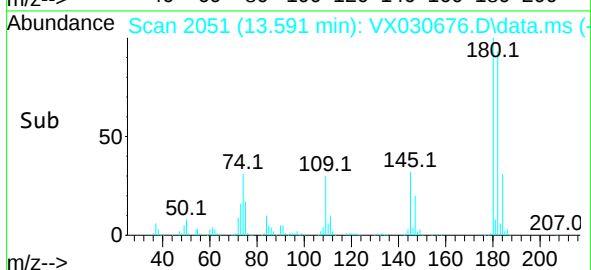
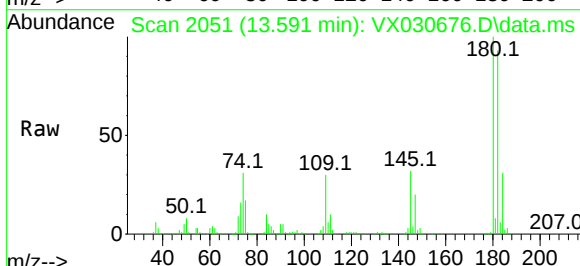
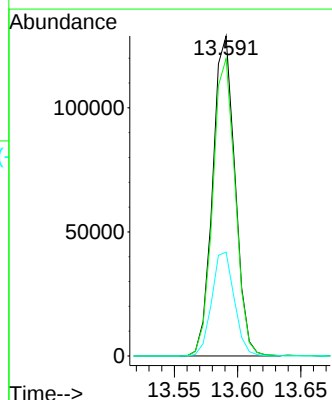
Tgt Ion:180 Resp: 158066

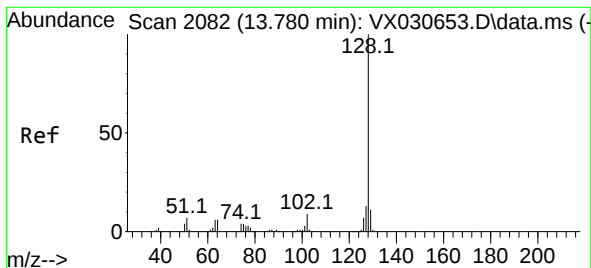
Ion Ratio Lower Upper

180 100

182 93.3 72.7 109.1

145 32.8 26.6 40.0





#71

Naphthalene

Concen: 53.545 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Instrument :

MSVOA_X

ClientSampleId :

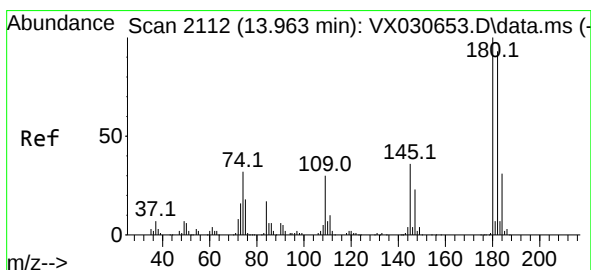
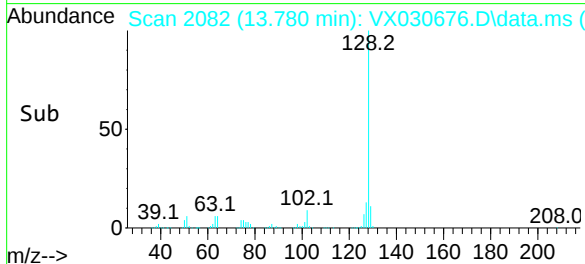
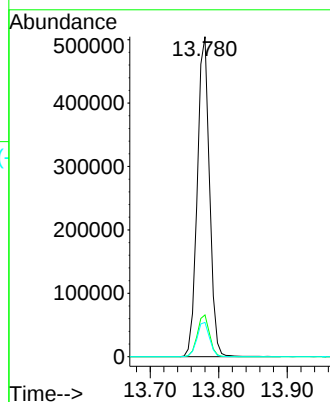
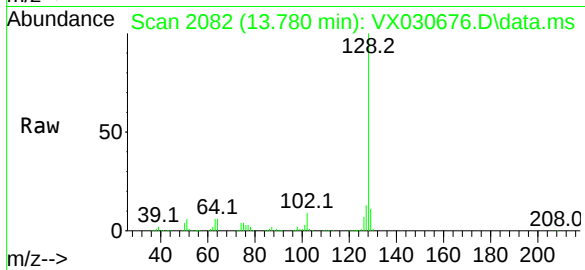
Tgt Ion:128 Resp: 625299

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: 54.464 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030676.D

Acq: 18 Aug 2022 11:12

Tgt Ion:180 Resp: 162306

Ion Ratio Lower Upper

180 100

182 93.0 74.6 112.0

145 35.6 28.4 42.6

