

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030386.D
 Acq On : 04 Aug 2022 11:31
 Operator : JC/MD
 Sample : VSTD05003
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050603

Quant Time: Aug 05 04:57:48 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	325569	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	287818	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	148399	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	104120	49.800	ug/L	0.00
7) Chloroethane-d5	1.666	69	79049	53.634	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	196095	49.583	ug/L	0.00
21) 2-Butanone-d5	4.471	46	197770	102.091	ug/L	0.00
24) Chloroform-d	5.068	84	216619	50.331	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	143488	49.100	ug/L	0.00
32) Benzene-d6	5.983	84	411834	49.953	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	135220	50.552	ug/L	0.00
41) Toluene-d8	8.653	98	389832	50.163	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	66701	50.125	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	140142	102.786	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	174475	49.653	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	149061	51.787	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	121657	49.659	ug/L	100
3) Chloromethane	1.294	50	104811	49.757	ug/L	100
5) Vinyl chloride	1.374	62	113235	50.325	ug/L	100
6) Bromomethane	1.611	94	53308	50.415	ug/L	100
8) Chloroethane	1.691	64	65137	50.822	ug/L	100
9) Trichlorofluoromethane	1.892	101	168185	50.575	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	97501	49.295	ug/L	100
12) 1,1-Dichloroethene	2.319	96	88835	48.750	ug/L	100
13) Acetone	2.392	43	133405	93.928	ug/L	100
14) Carbon disulfide	2.514	76	298275	50.503	ug/L	100
15) Methyl Acetate	2.709	43	149544	50.888	ug/L	100
16) Methylene chloride	2.794	84	114583	49.590	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	107614	50.975	ug/L	100
18) Methyl tert-butyl Ether	3.123	73	363382	50.616	ug/L	100
19) 1,1-Dichloroethane	3.617	63	206158	50.490	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	119565	50.347	ug/L	100
22) 2-Butanone	4.568	43	224107	100.061	ug/L	100
23) Bromochloromethane	4.910	128	60264	50.603	ug/L	100
25) Chloroform	5.105	83	214934	50.100	ug/L	100
27) 1,2-Dichloroethane	6.092	62	180524	50.558	ug/L	100
29) Cyclohexane	5.477	56	193892	50.673	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	190609	50.207	ug/L	100
31) Carbon tetrachloride	5.684	117	158844	50.694	ug/L	100
33) Benzene	6.044	78	463877	50.268	ug/L	100
34) Trichloroethene	7.129	95	136419	51.042	ug/L	100
35) Methylcyclohexane	7.385	83	199004	51.147	ug/L	100
37) 1,2-Dichloropropane	7.434	63	122652	49.988	ug/L	100
38) Bromodichloromethane	7.830	83	169030	52.053	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	185692	50.719	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	431215	100.921	ug/L	100
42) Toluene	8.720	91	492973	50.569	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	183243	51.151	ug/L	100

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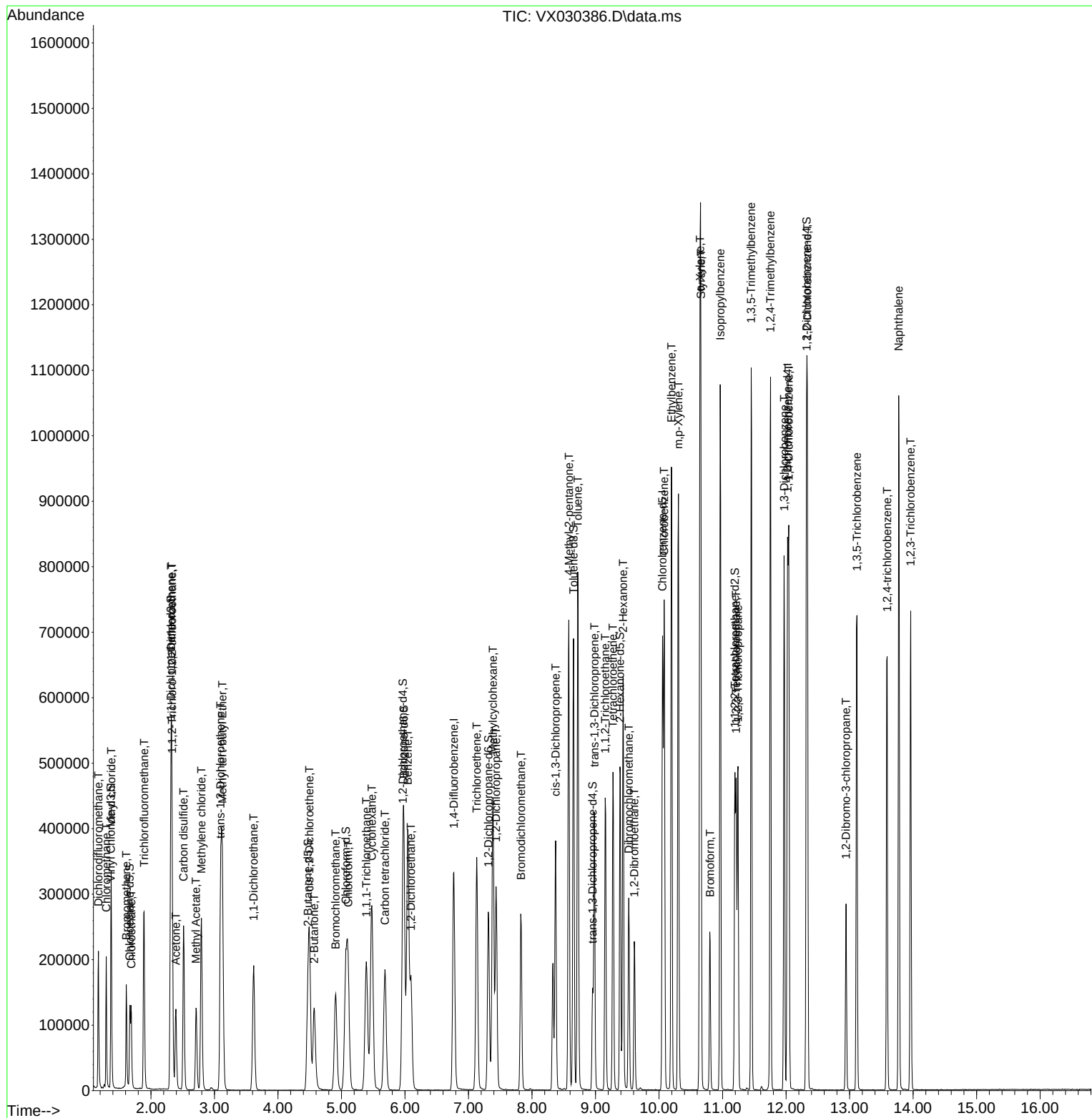
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	115318	50.545	ug/L	100
46) Tetrachloroethene	9.275	164	84549	50.055	ug/L	100
48) 2-Hexanone	9.433	43	337811	101.755	ug/L	100
49) Dibromochloromethane	9.525	129	122341	50.404	ug/L	100
50) 1,2-Dibromoethane	9.610	107	126390	50.376	ug/L	100
51) Chlorobenzene	10.079	112	305984	50.382	ug/L	100
52) Ethylbenzene	10.195	91	540590	50.858	ug/L	100
53) m,p-Xylene	10.305	106	201837	50.945	ug/L	100
54) o-Xylene	10.646	106	198893	50.380	ug/L	100
55) Styrene	10.659	104	341450	51.367	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	177009	50.990	ug/L	100
59) Bromoform	10.805	173	81191	50.241	ug/L	100
60) Isopropylbenzene	10.963	105	529564	50.344	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	160086	50.232	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	462311	51.480	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	458137	50.516	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	230922	50.501	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	237758	51.148	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	245387	51.893	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	55575	52.865	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	165308	51.550	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	147051	52.215	ug/L	100
71) Naphthalene	13.774	128	613999	52.670	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	152783	51.359	ug/L	100

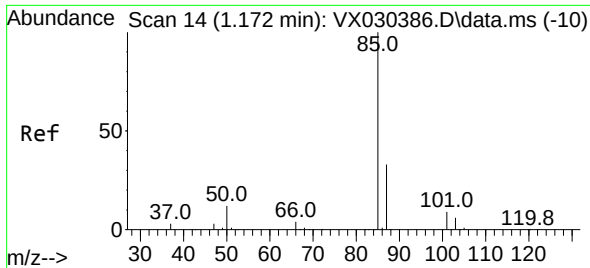
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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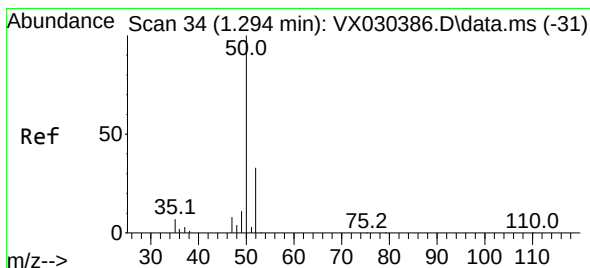
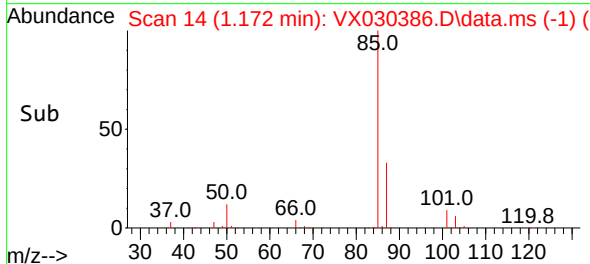
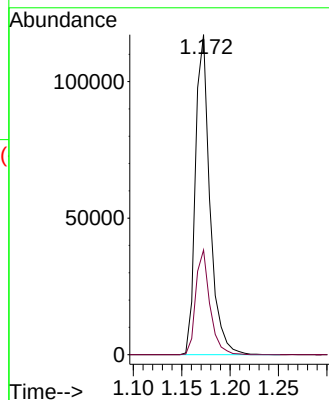
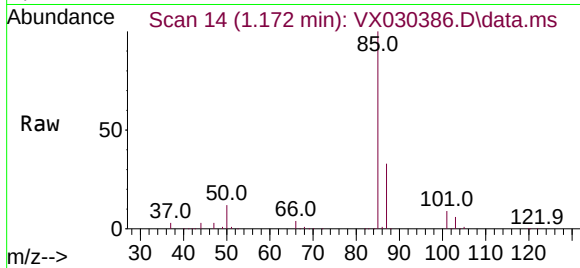




#2
 Dichlorodifluoromethane
 Concen: 49.659 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

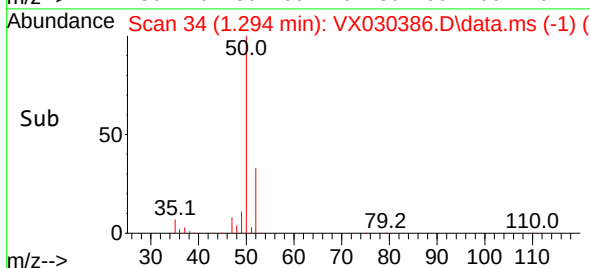
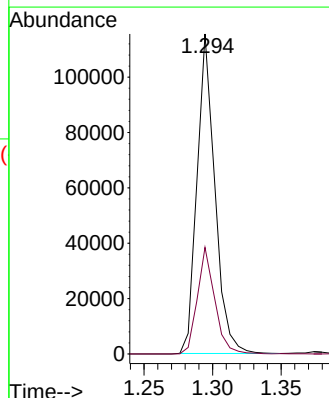
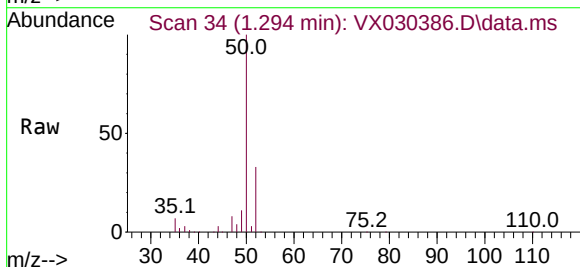
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050603

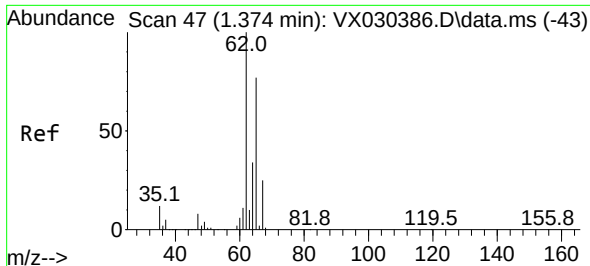
Tgt Ion: 85 Resp: 121657
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 49.757 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

Tgt Ion: 50 Resp: 104811
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

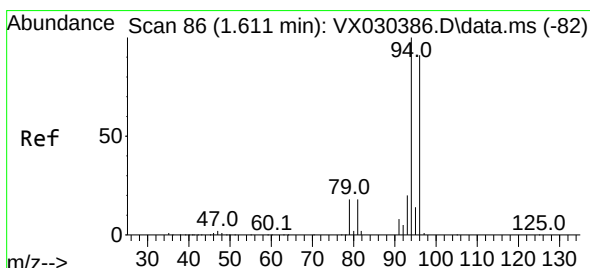
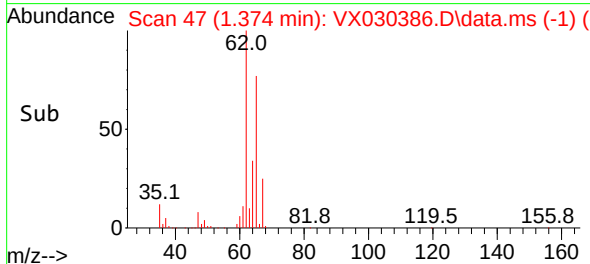
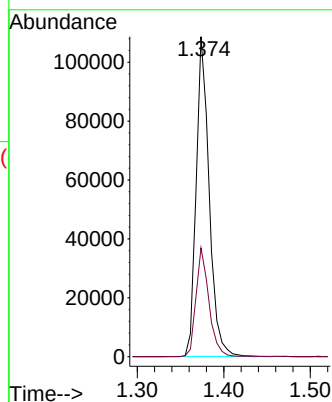
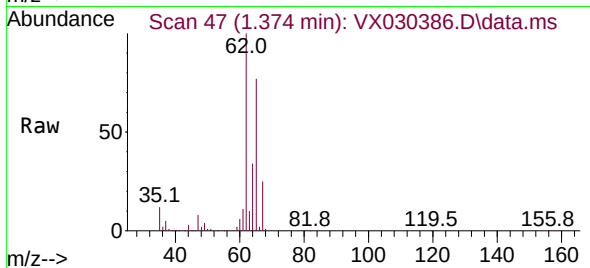




#5
 Vinyl chloride
 Concen: 50.325 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

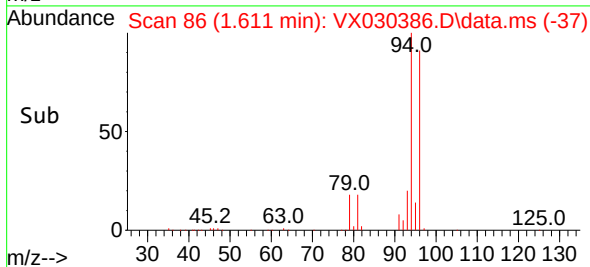
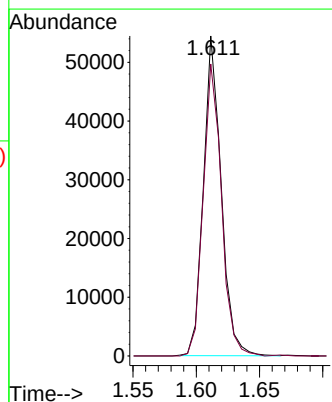
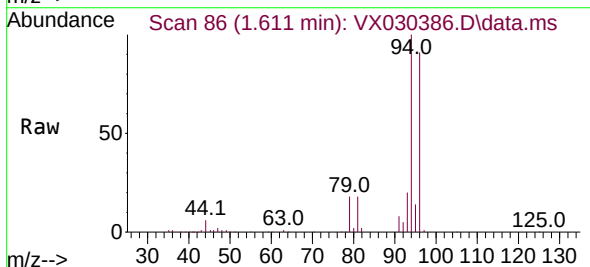
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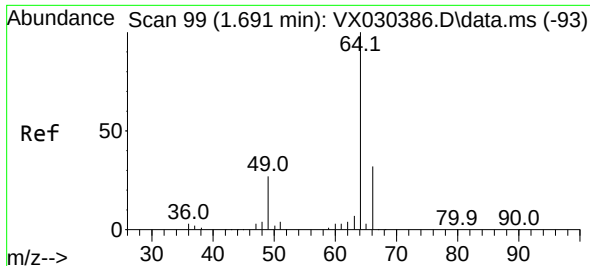
Tgt Ion: 62 Resp: 113235
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.8 44.2



#6
 Bromomethane
 Concen: 50.415 ug/L
 RT: 1.611 min Scan# 86
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

Tgt Ion: 94 Resp: 53308
 Ion Ratio Lower Upper
 94 100
 96 91.2 63.8 118.6

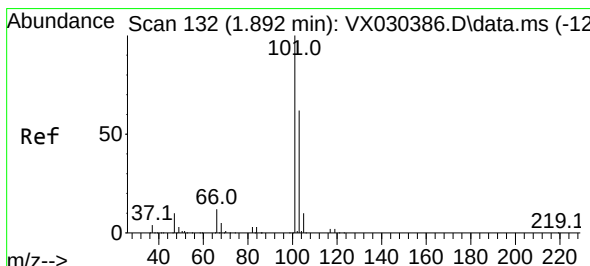
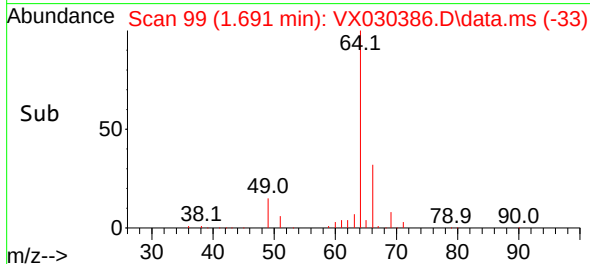
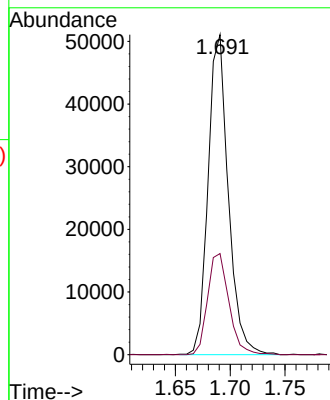
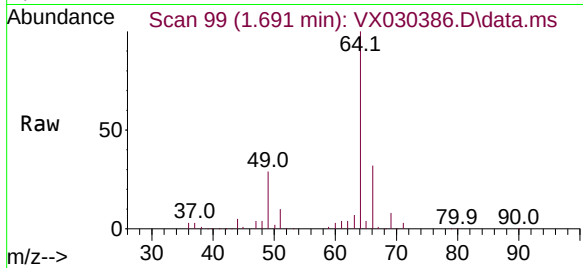




#8
Chloroethane
Concen: 50.822 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

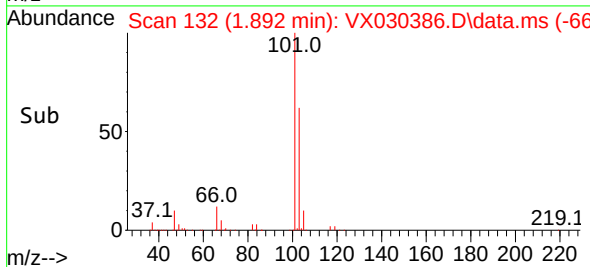
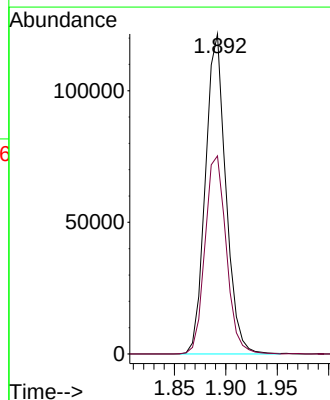
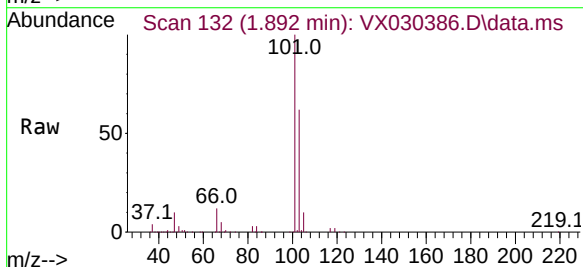
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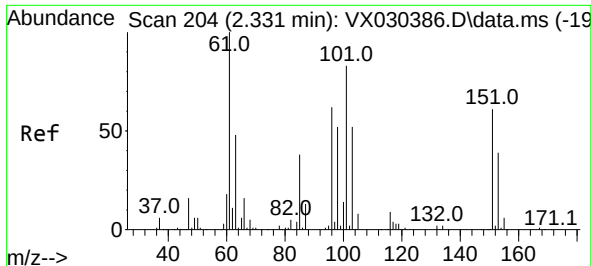
Tgt Ion: 64 Resp: 65137
Ion Ratio Lower Upper
64 100
66 31.6 22.1 41.1



#9
Trichlorofluoromethane
Concen: 50.575 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion: 101 Resp: 168185
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

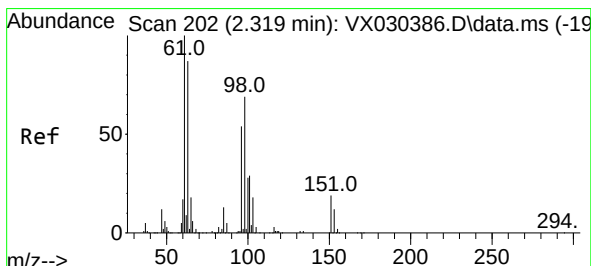
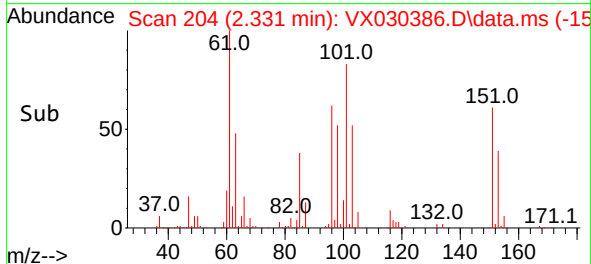
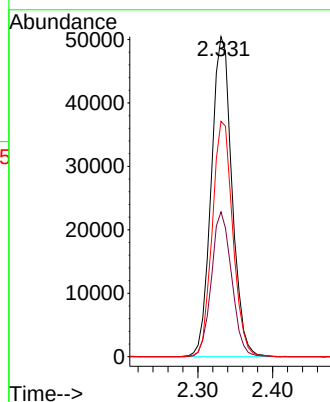
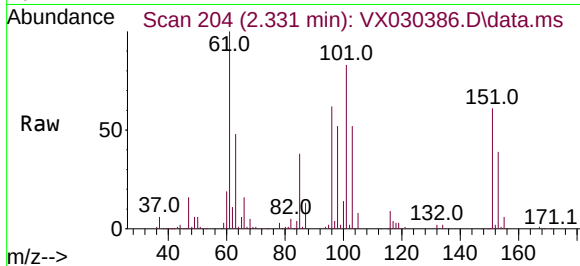




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.295 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

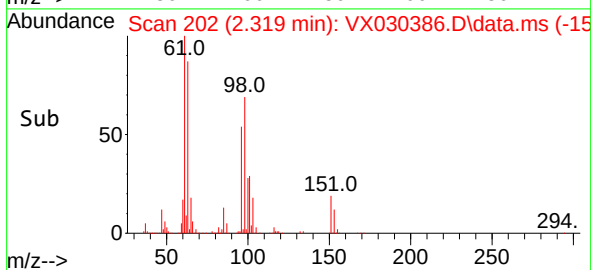
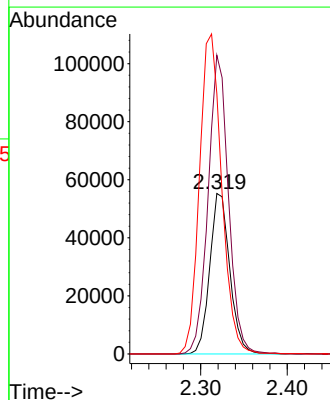
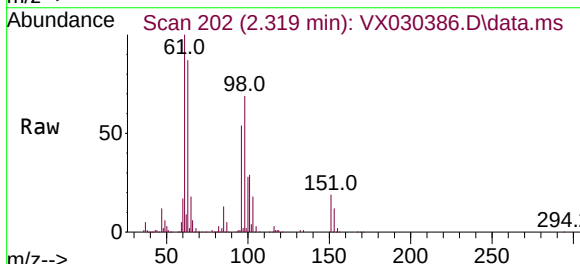
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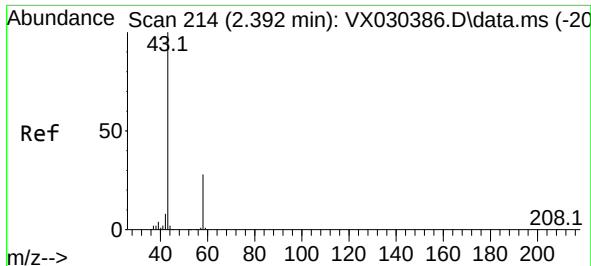
Tgt Ion: 101 Resp: 97501
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 72.9 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 48.750 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

Tgt Ion: 96 Resp: 88835
 Ion Ratio Lower Upper
 96 100
 61 186.0 130.2 241.8
 63 162.2 113.5 210.9

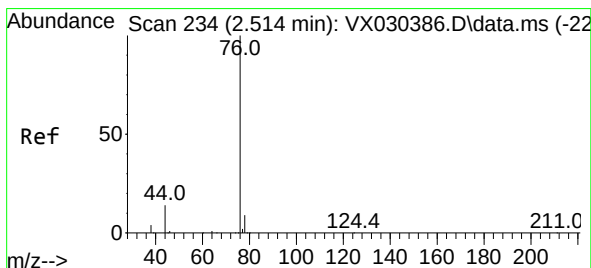
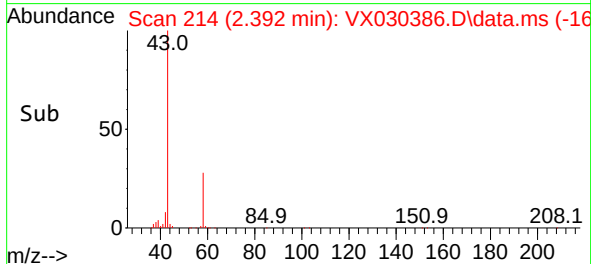
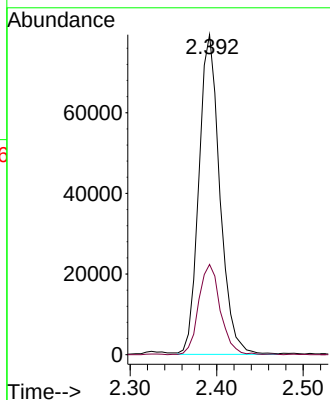
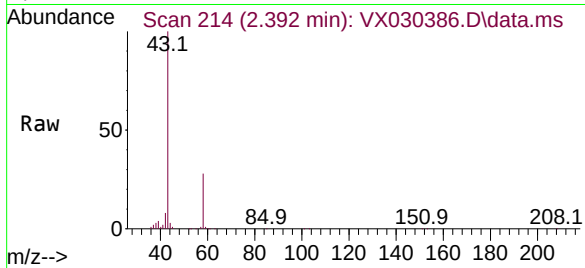




#13
Acetone
Concen: 93.928 ug/L
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX030386.D
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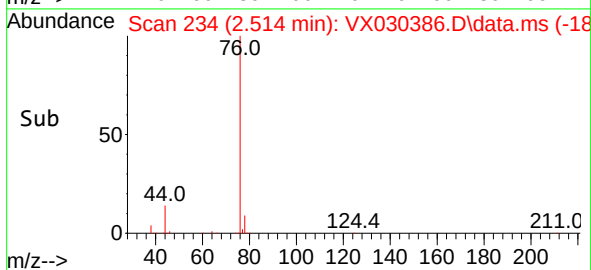
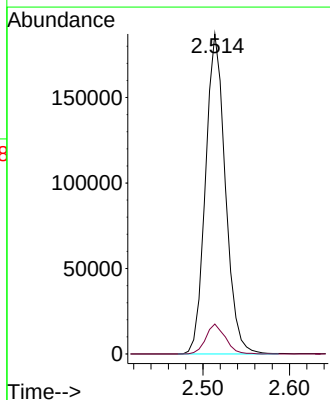
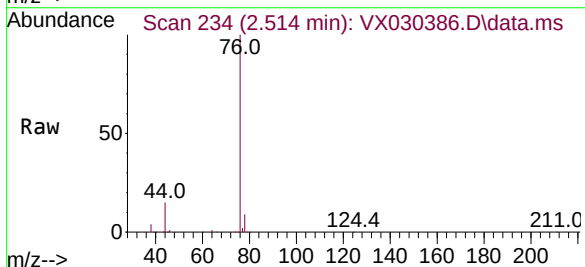
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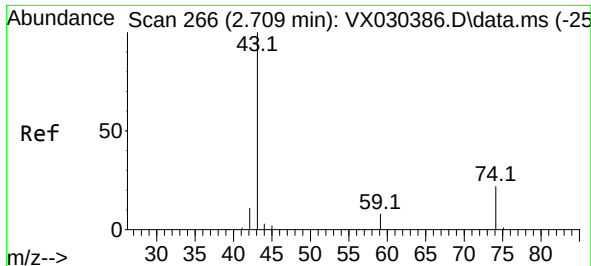
Tgt Ion: 43 Resp: 133405
Ion Ratio Lower Upper
43 100
58 29.0 0.0 57.8



#14
Carbon disulfide
Concen: 50.503 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion: 76 Resp: 298275
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

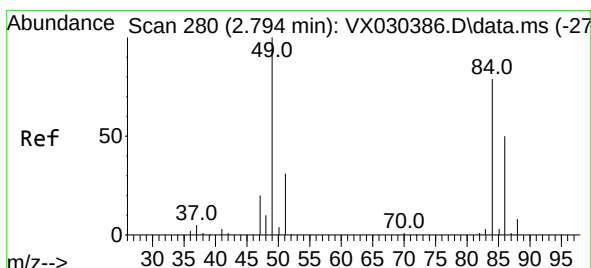
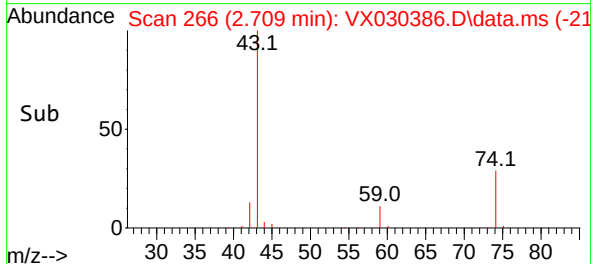
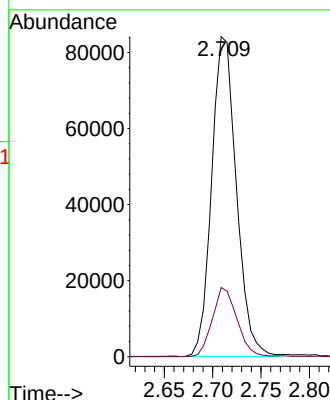
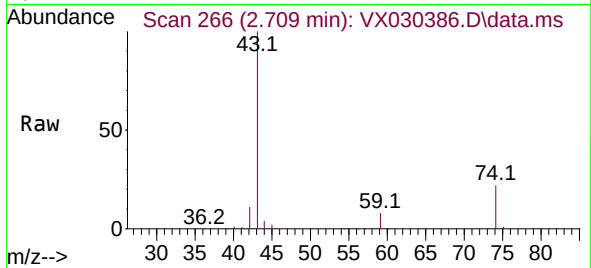




#15
Methyl Acetate
Concen: 50.888 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

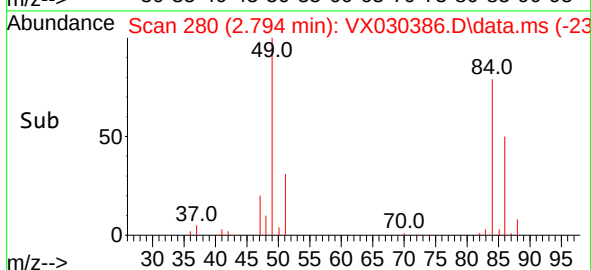
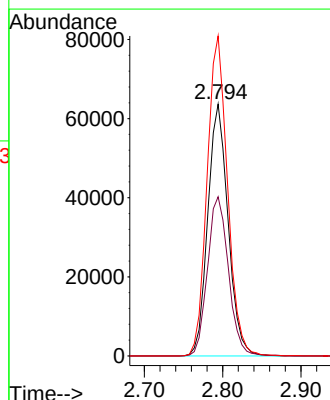
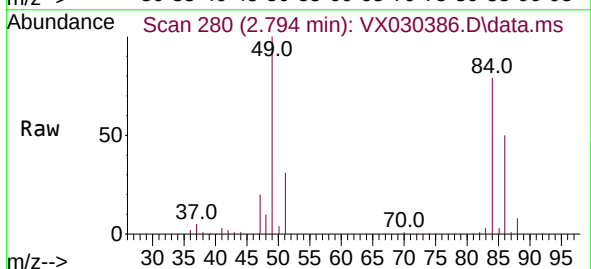
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

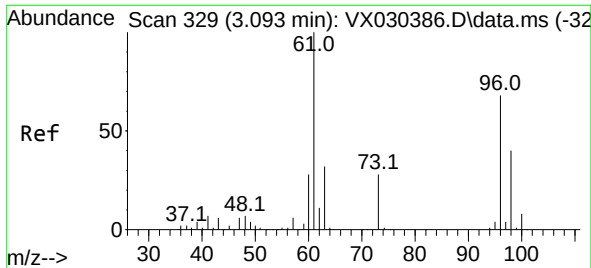
Tgt Ion: 43 Resp: 149544
Ion Ratio Lower Upper
43 100
74 21.5 17.2 25.8



#16
Methylene chloride
Concen: 49.590 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion: 84 Resp: 114583
Ion Ratio Lower Upper
84 100
86 63.2 44.2 82.2
49 127.1 89.0 165.2



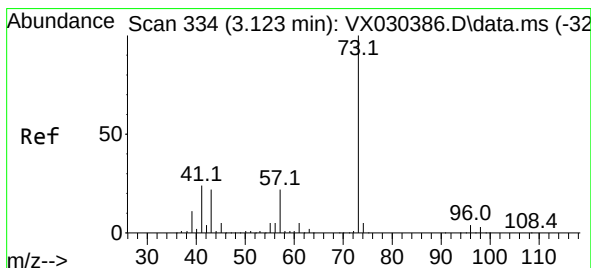
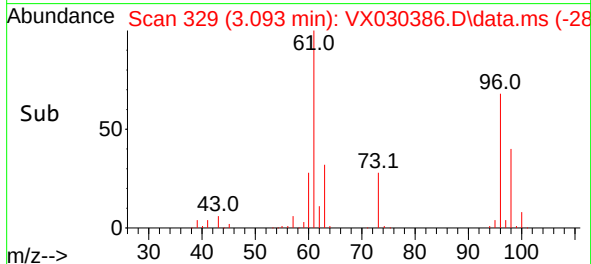
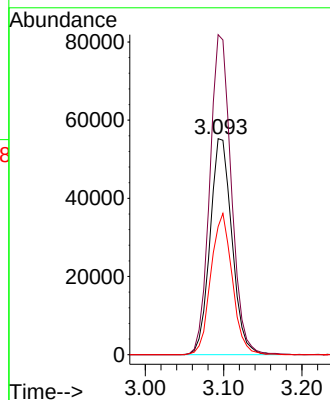
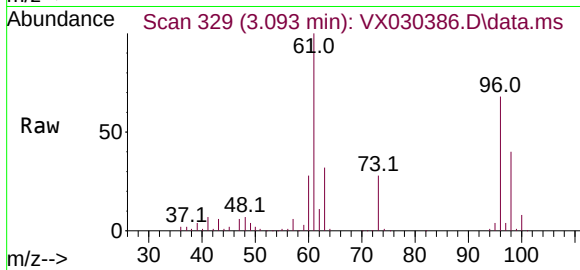


#17
 trans-1,2-Dichloroethene
 Concen: 50.975 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050603

Tgt Ion: 96 Resp: 107614

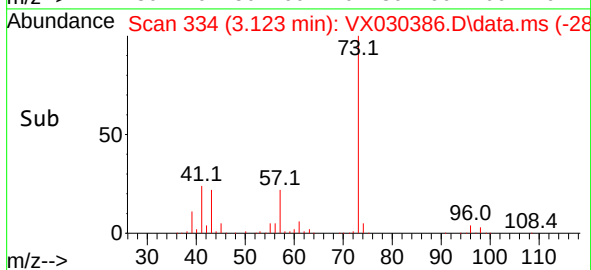
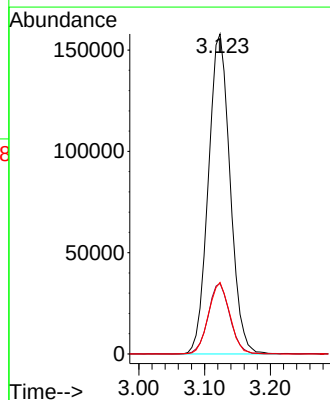
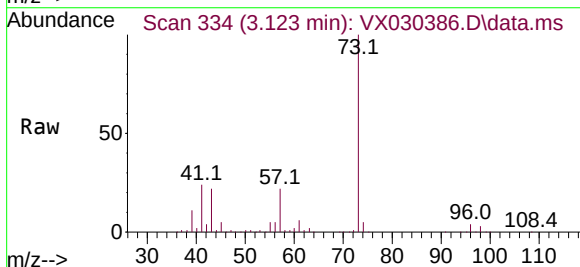
Ion	Ratio	Lower	Upper
96	100		
61	148.1	103.7	192.5
98	59.3	41.5	77.1

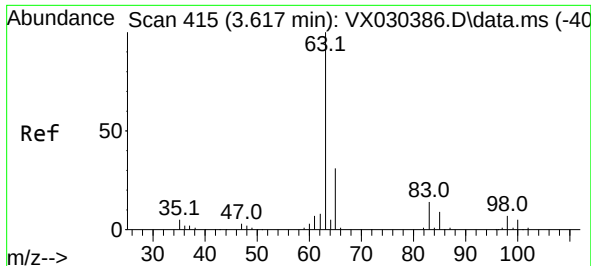


#18
 Methyl tert-butyl Ether
 Concen: 50.616 ug/L
 RT: 3.123 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

Tgt Ion: 73 Resp: 363382

Ion	Ratio	Lower	Upper
73	100		
43	22.0	17.6	26.4
57	21.9	17.5	26.3



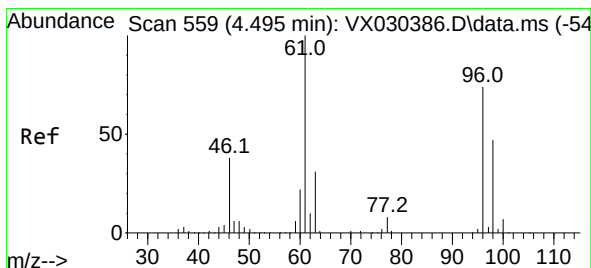
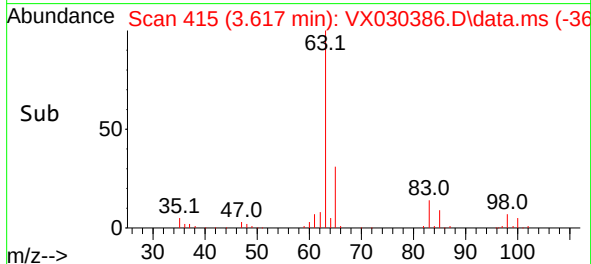
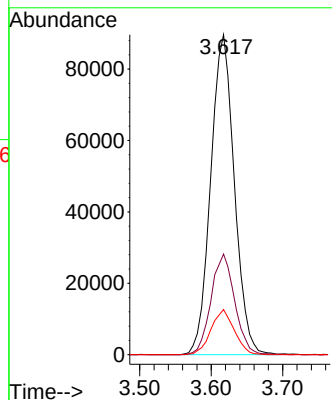
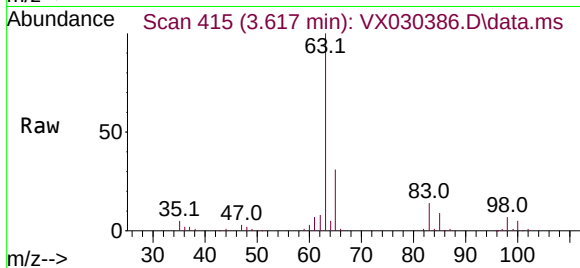


#19
 1,1-Dichloroethane
 Concen: 50.490 ug/L
 RT: 3.617 min Scan# 415
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050603

Tgt Ion: 63 Resp: 206158

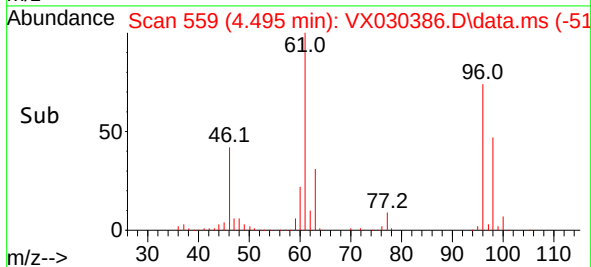
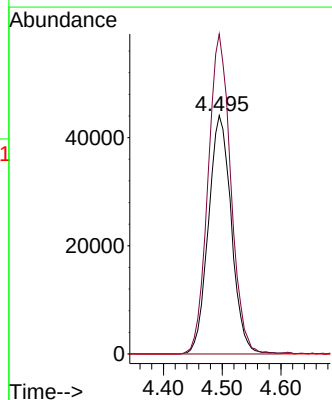
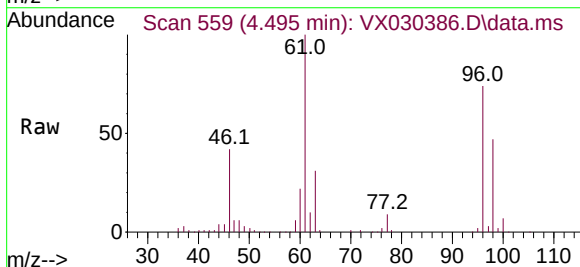
Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.0	40.8
83	14.1	9.9	18.3

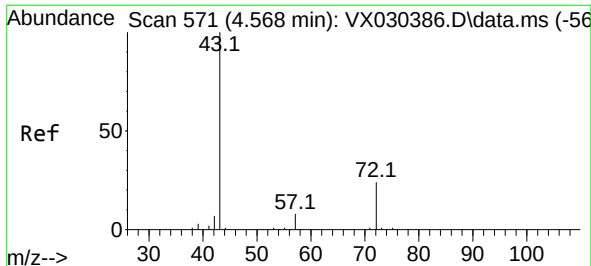


#20
 cis-1,2-Dichloroethene
 Concen: 50.347 ug/L
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

Tgt Ion: 96 Resp: 119565

Ion	Ratio	Lower	Upper
96	100		
61	134.3	94.0	174.6
68	0.0	0.0	0.0

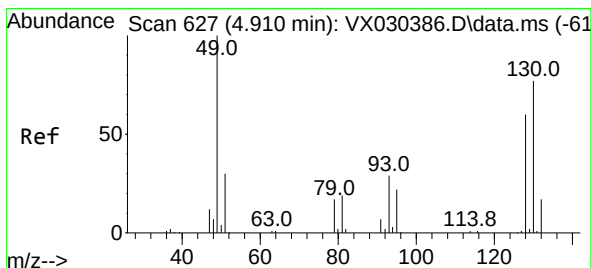
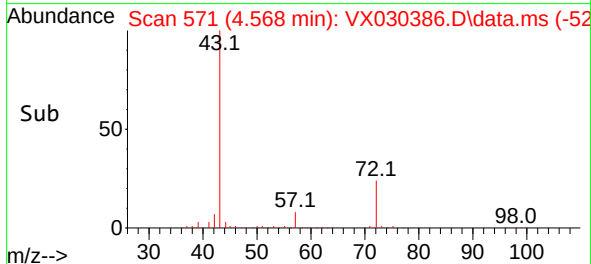
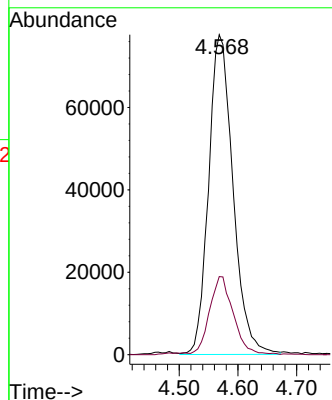
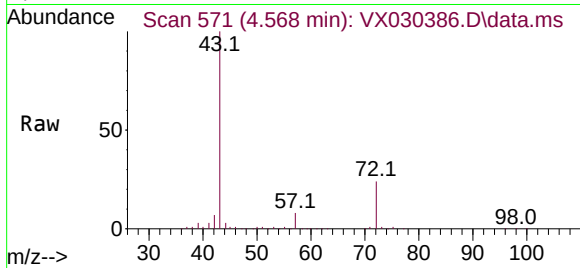




#22
2-Butanone
Concen: 100.061 ug/L
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

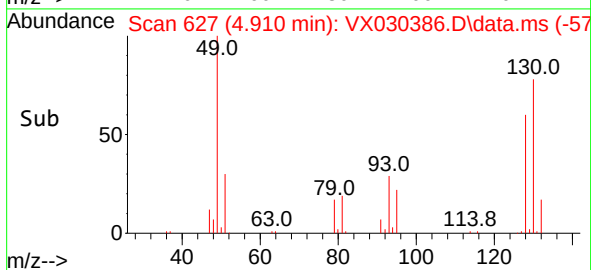
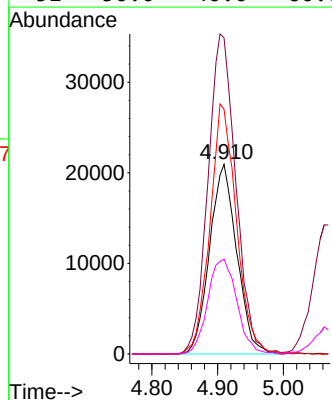
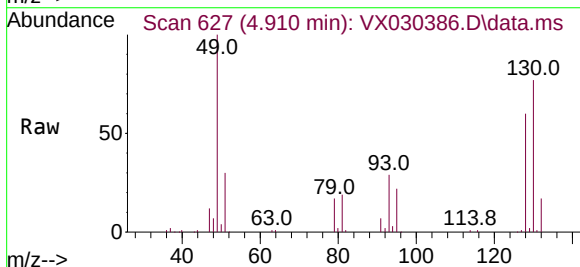
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

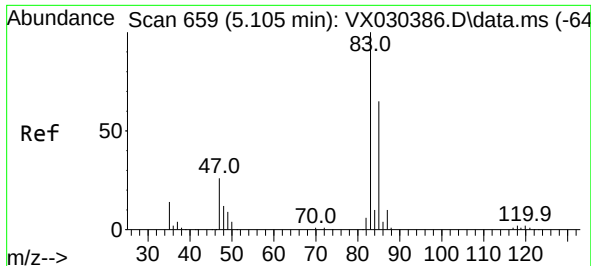
Tgt Ion: 43 Resp: 224107
Ion Ratio Lower Upper
43 100
72 23.4 11.7 35.1



#23
Bromochloromethane
Concen: 50.603 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion:128 Resp: 60264
Ion Ratio Lower Upper
128 100
49 166.8 116.8 216.8
130 129.0 90.3 167.7
51 50.0 40.0 60.0





#25

Chloroform

Concen: 50.100 ug/L

RT: 5.105 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

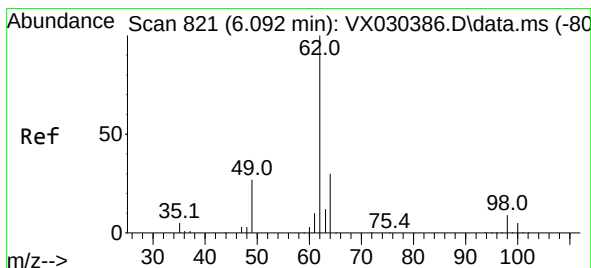
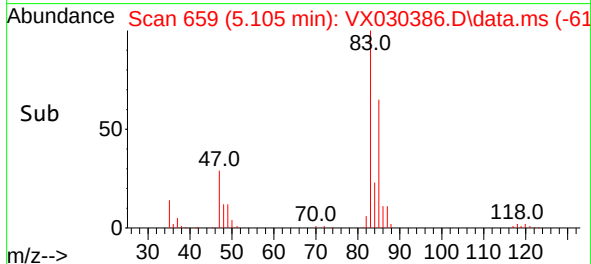
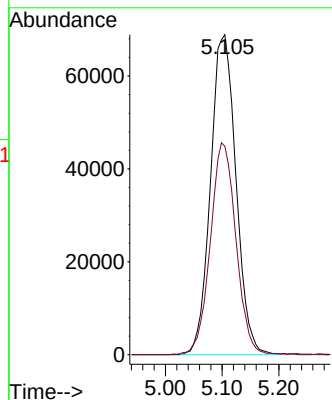
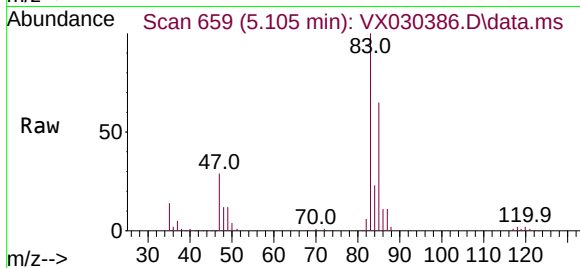
VSTD050603

Tgt Ion: 83 Resp: 214934

Ion Ratio Lower Upper

83 100

85 65.1 45.6 84.6



#27

1,2-Dichloroethane

Concen: 50.558 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030386.D

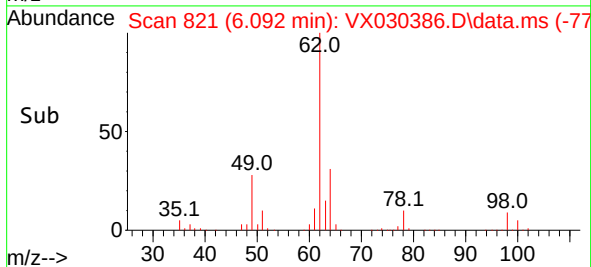
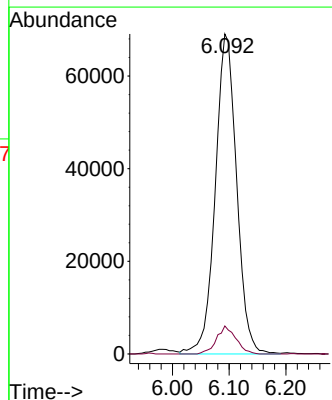
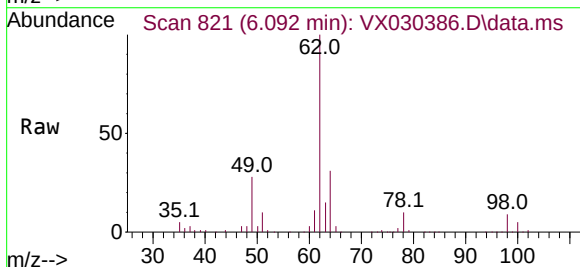
Acq: 04 Aug 2022 11:31

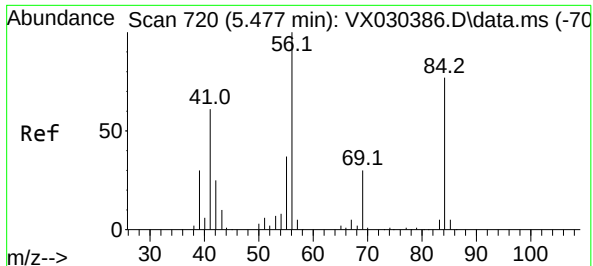
Tgt Ion: 62 Resp: 180524

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 50.673 ug/L

RT: 5.477 min Scan# 720

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050603

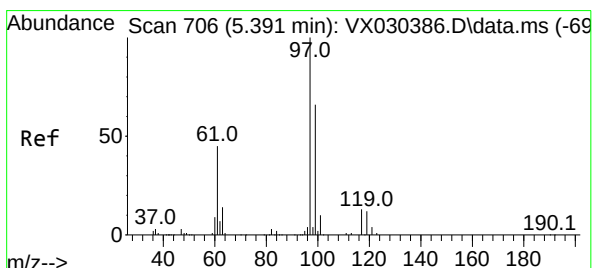
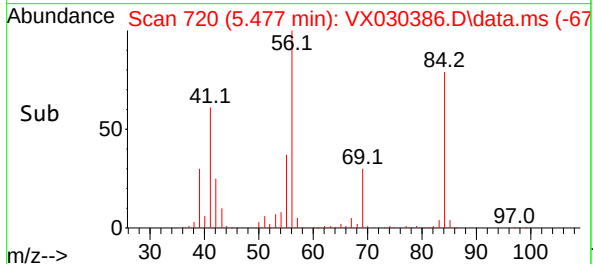
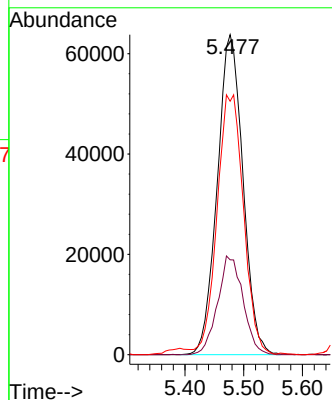
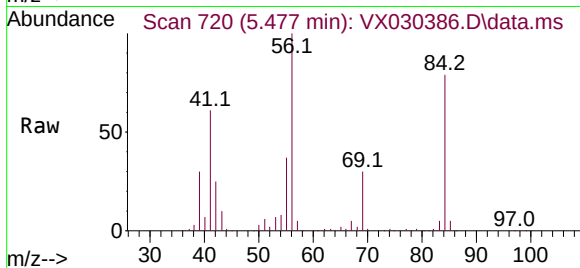
Tgt Ion: 56 Resp: 193892

Ion Ratio Lower Upper

56 100

69 30.4 24.3 36.5

84 83.6 66.7 100.1



#30

1,1,1-Trichloroethane

Concen: 50.207 ug/L

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

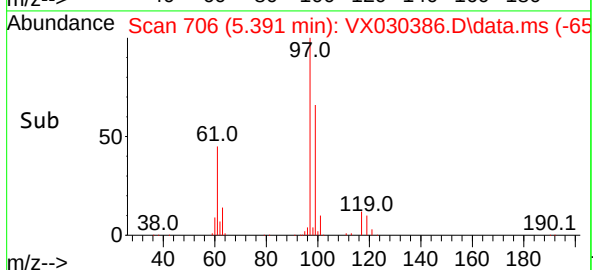
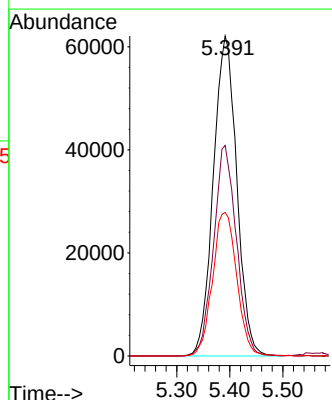
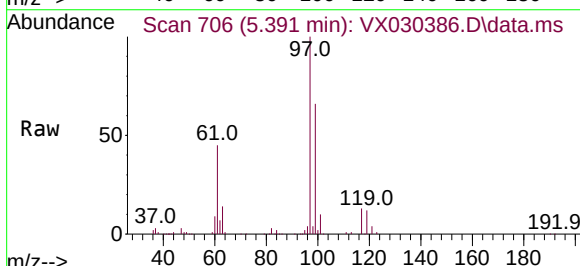
Tgt Ion: 97 Resp: 190609

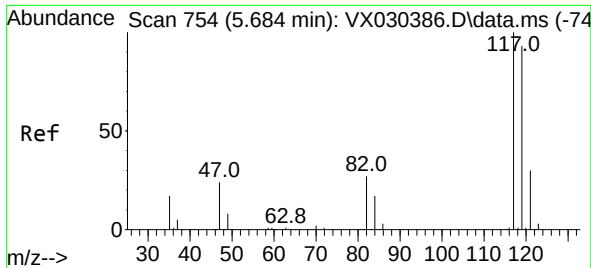
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 46.3 37.0 55.6

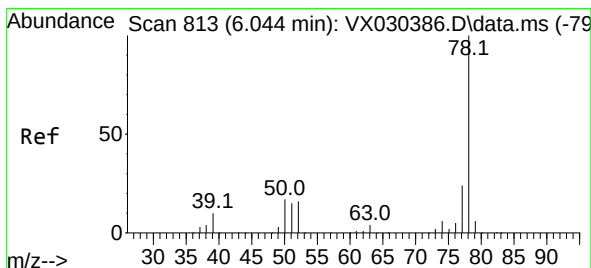
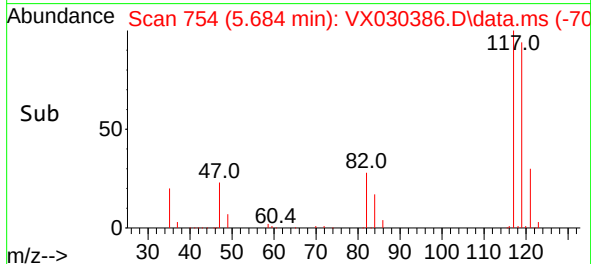
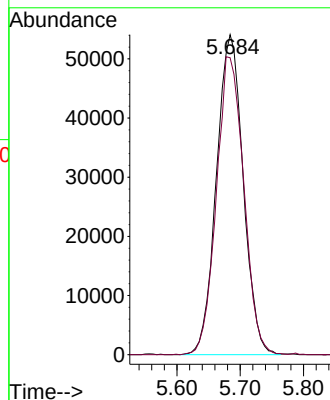
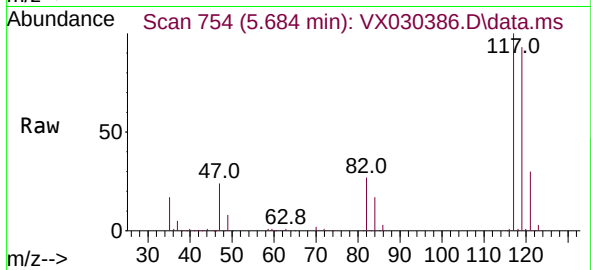




#31
Carbon tetrachloride
Concen: 50.694 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

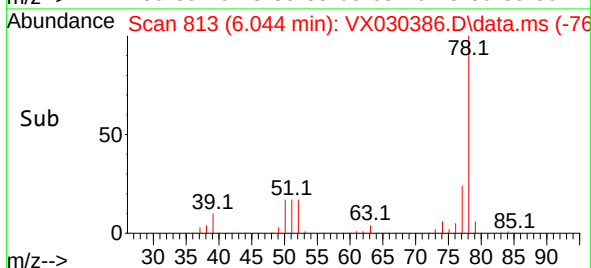
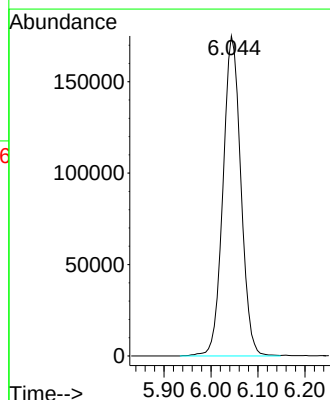
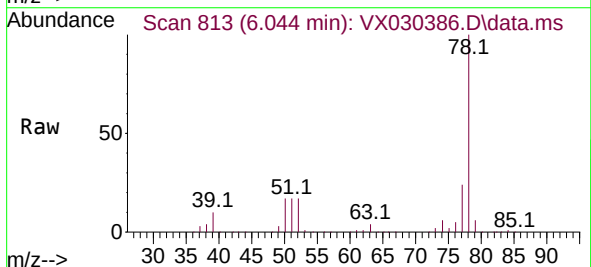
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

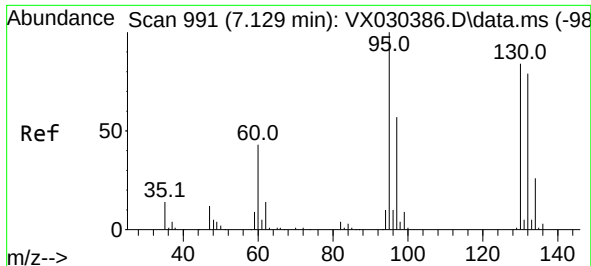
Tgt Ion:117 Resp: 158844
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2



#33
Benzene
Concen: 50.268 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion: 78 Resp: 463877

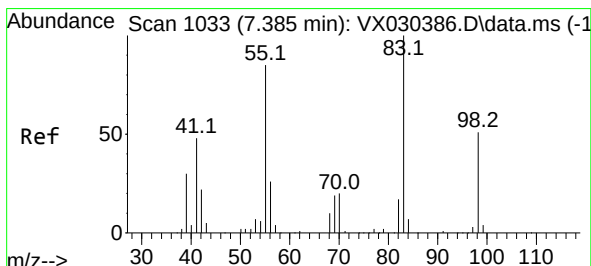
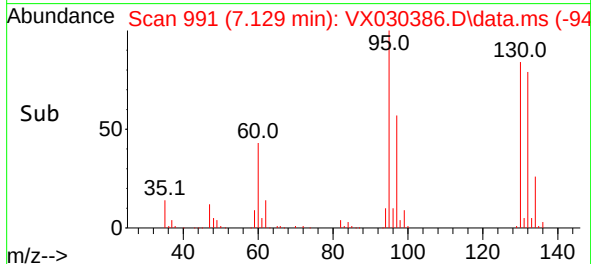
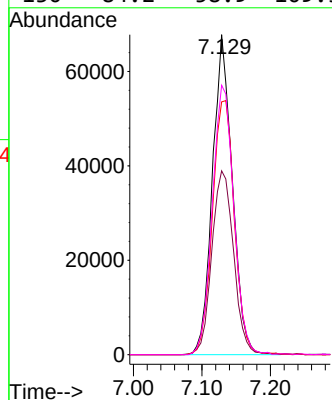
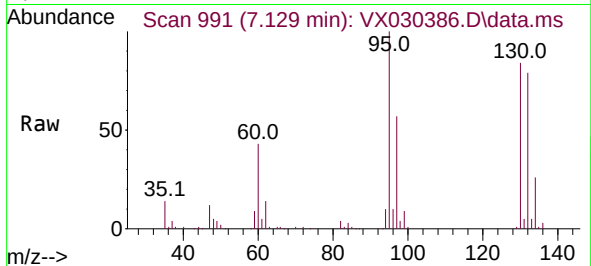




#34
Trichloroethene
Concen: 51.042 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

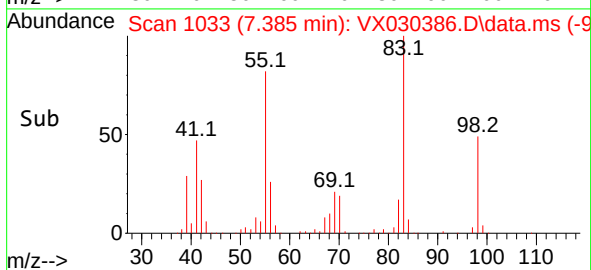
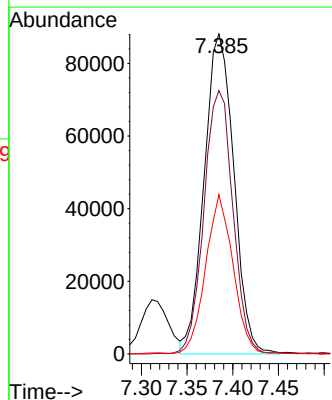
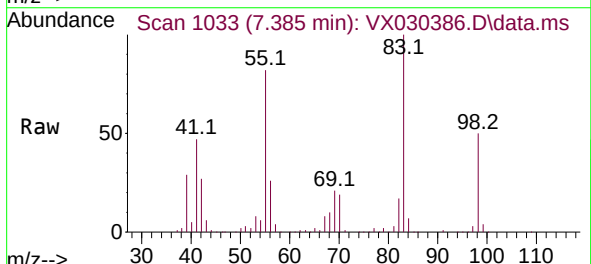
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

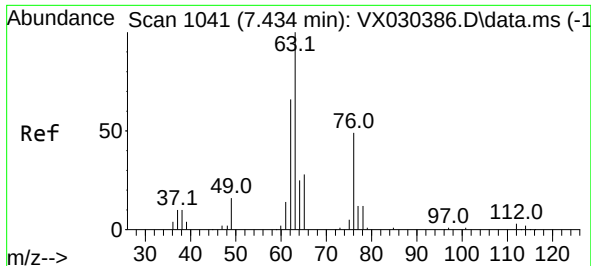
Tgt Ion: 95 Resp: 136419
Ion Ratio Lower Upper
95 100
97 57.4 40.2 74.6
132 79.0 55.3 102.7
130 84.2 58.9 109.5



#35
Methylcyclohexane
Concen: 51.147 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion: 83 Resp: 199004
Ion Ratio Lower Upper
83 100
55 80.0 64.0 96.0
98 45.9 36.7 55.1





#37

1,2-Dichloropropane

Concen: 49.988 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

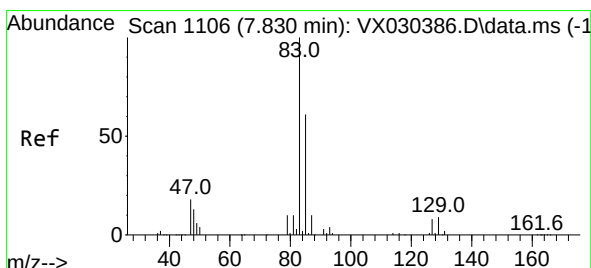
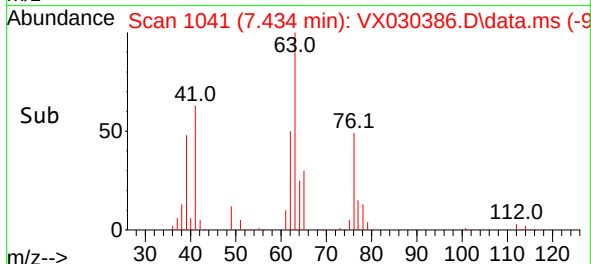
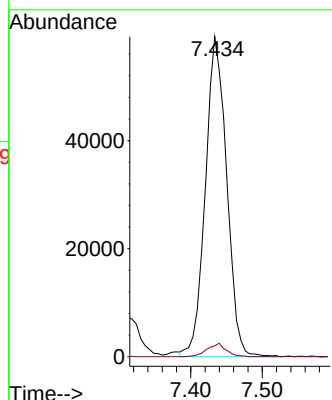
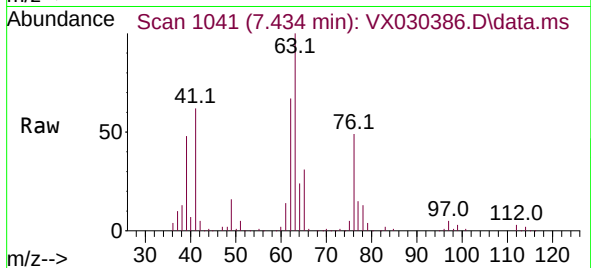
VSTD050603

Tgt Ion: 63 Resp: 122652

Ion Ratio Lower Upper

63 100

112 3.7 3.0 4.4



#38

Bromodichloromethane

Concen: 52.053 ug/L

RT: 7.830 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

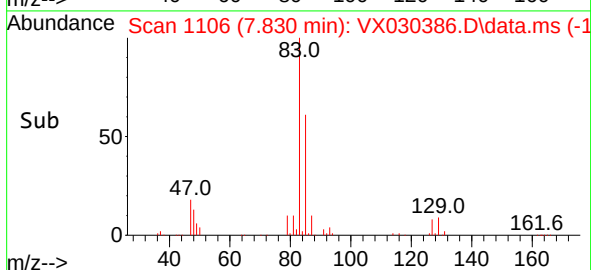
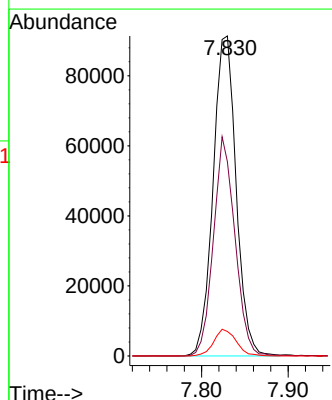
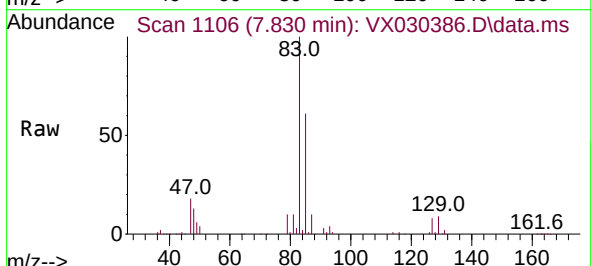
Tgt Ion: 83 Resp: 169030

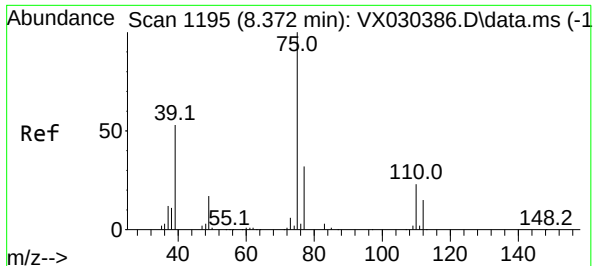
Ion Ratio Lower Upper

83 100

85 60.7 42.5 78.9

127 7.7 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 50.719 ug/L

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

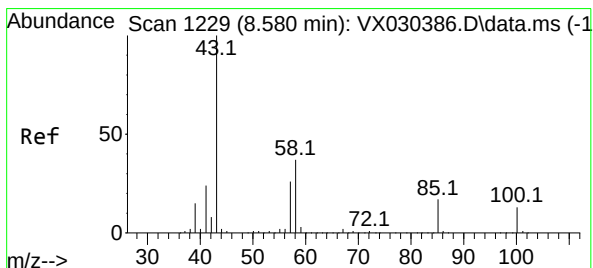
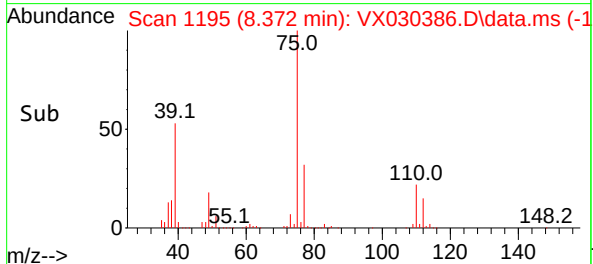
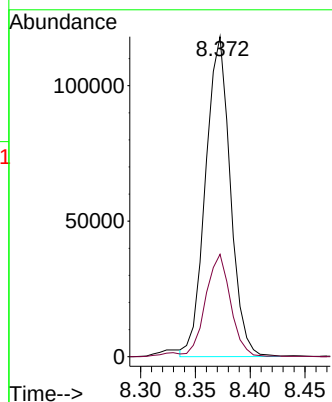
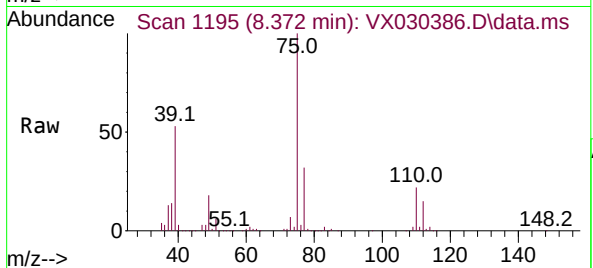
VSTD050603

Tgt Ion: 75 Resp: 185692

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 100.921 ug/L

RT: 8.580 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

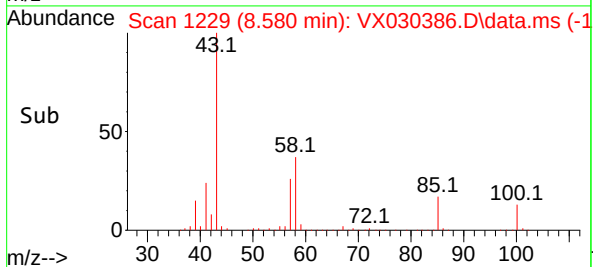
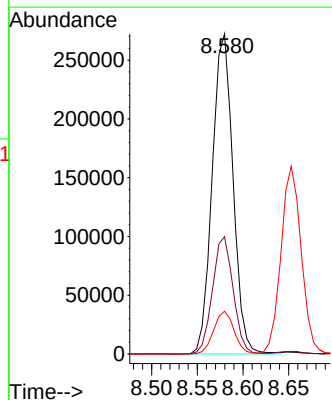
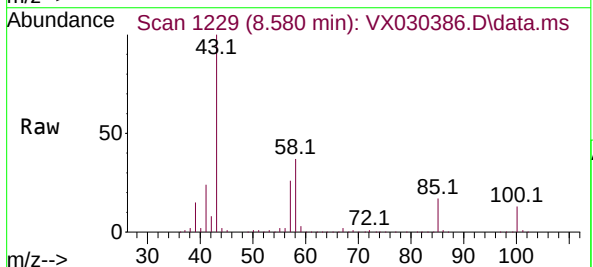
Tgt Ion: 43 Resp: 431215

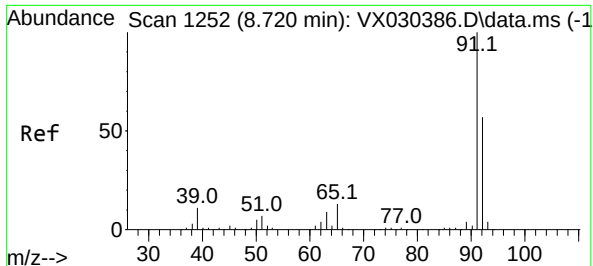
Ion Ratio Lower Upper

43 100

58 36.3 29.0 43.6

100 13.1 10.5 15.7





#42

Toluene

Concen: 50.569 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

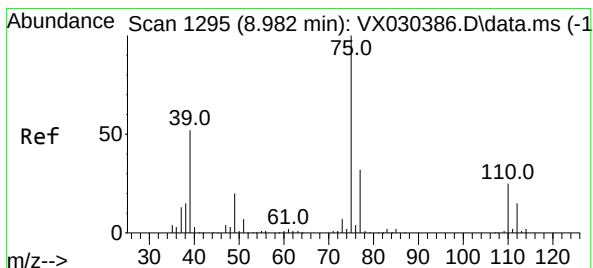
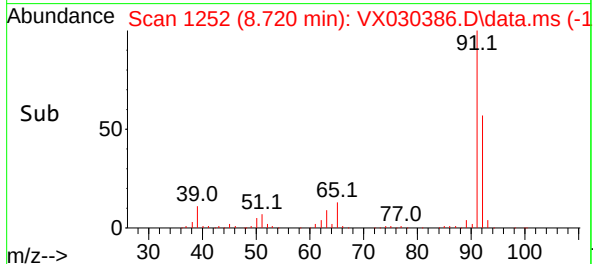
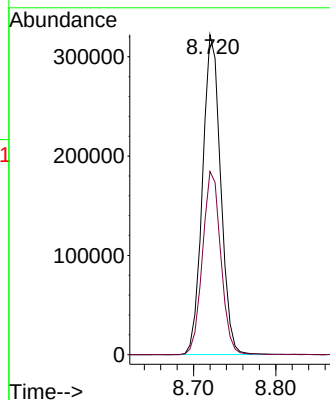
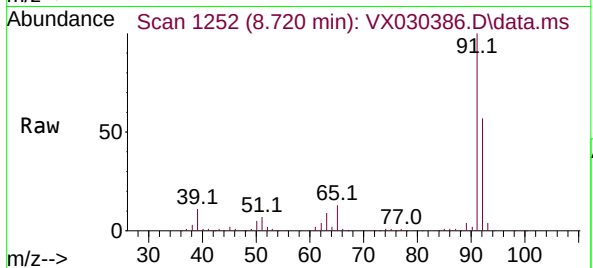
VSTD050603

Tgt Ion: 91 Resp: 492973

Ion Ratio Lower Upper

91 100

92 57.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 51.151 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX030386.D

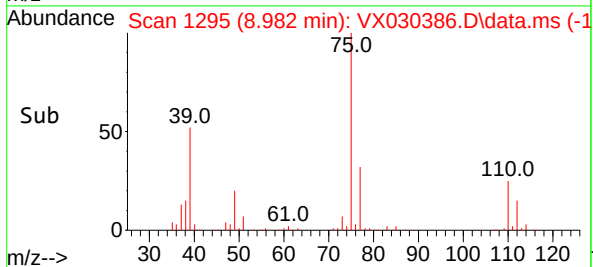
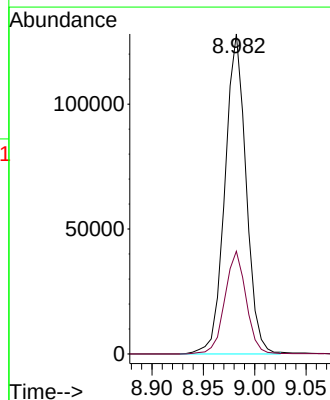
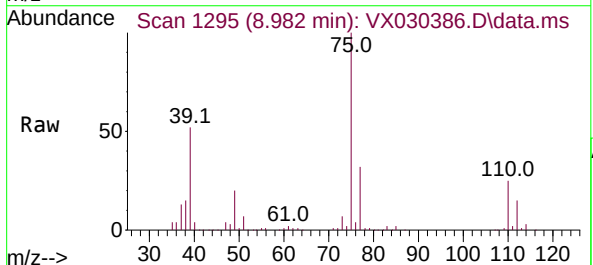
Acq: 04 Aug 2022 11:31

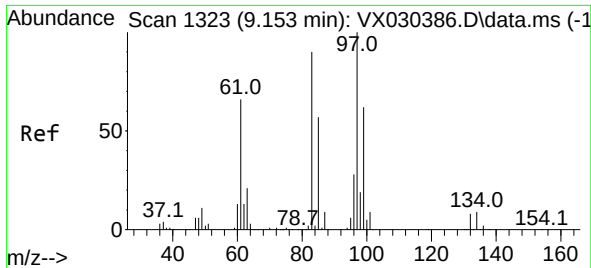
Tgt Ion: 75 Resp: 183243

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7

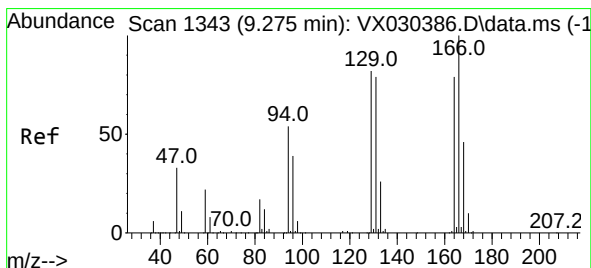
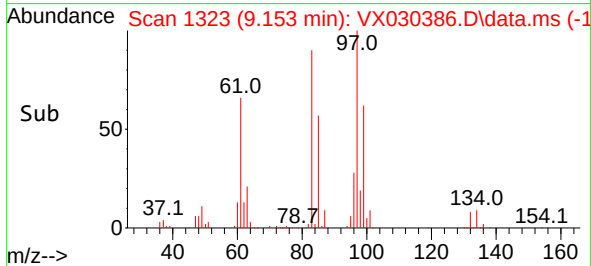
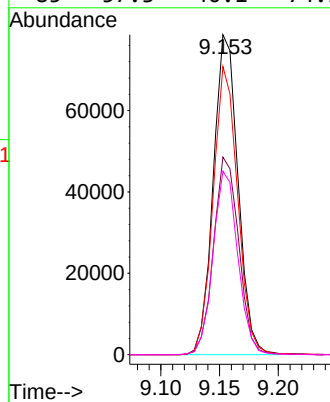
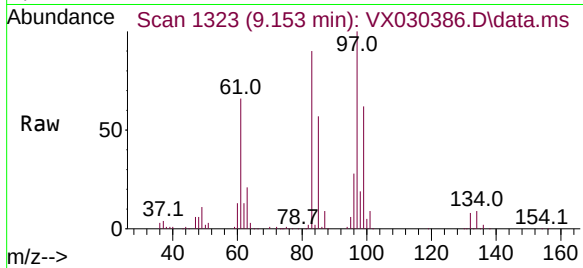




#45
1,1,2-Trichloroethane
Concen: 50.545 ug/L
RT: 9.153 min Scan# 115318
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

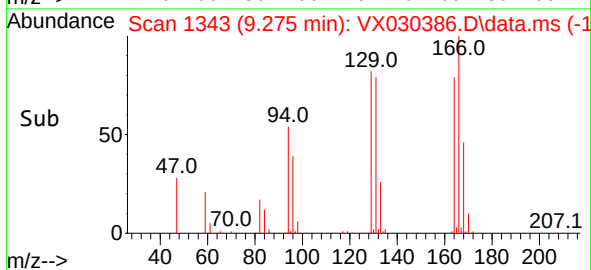
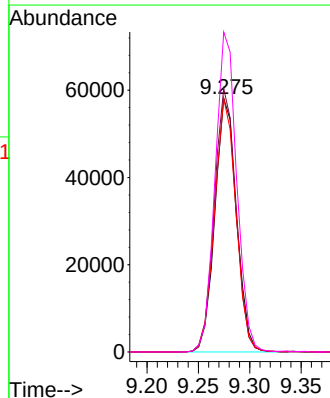
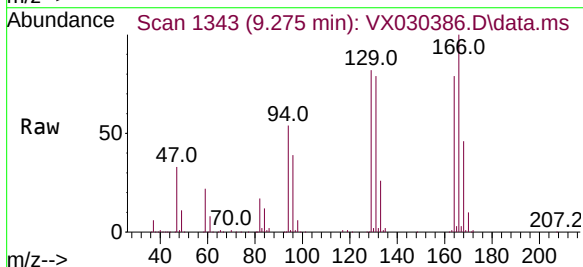
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

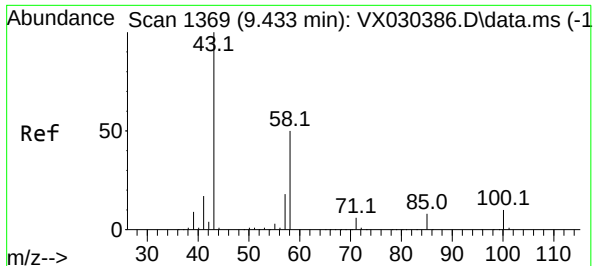
Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.3	80.3
83	90.0	63.0	117.0
85	57.3	40.1	74.5



#46
Tetrachloroethene
Concen: 50.055 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion	Ratio	Lower	Upper
164	100		
129	103.9	72.7	135.1
131	99.9	69.9	129.9
166	126.2	88.3	164.1



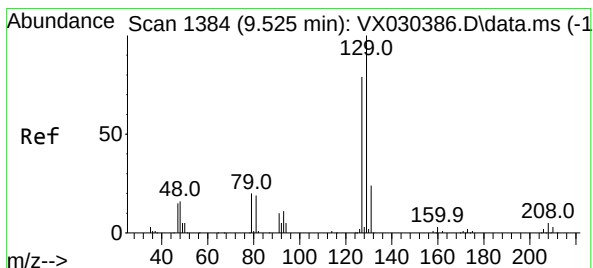
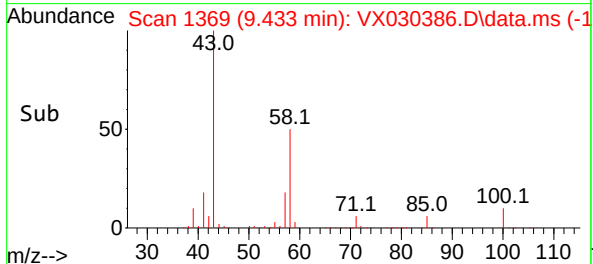
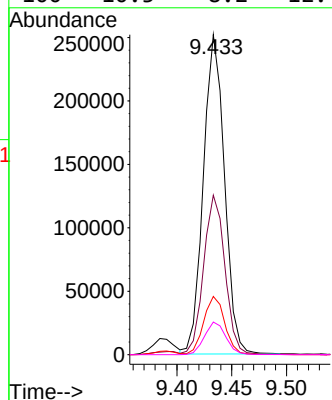
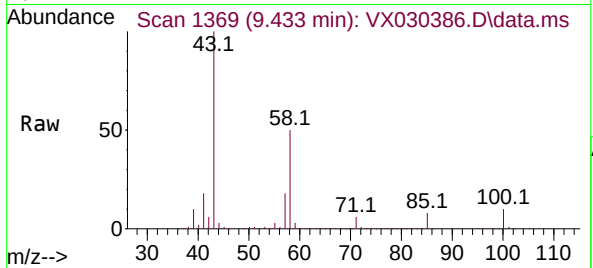


#48
2-Hexanone
Concen: 101.755 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

Tgt Ion: 43 Resp: 337811

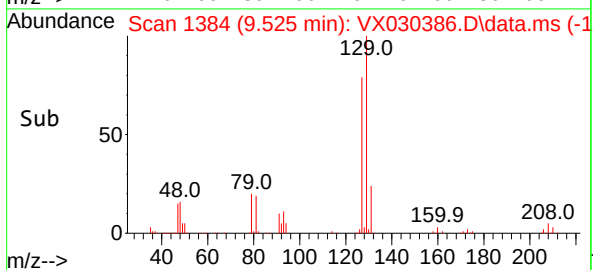
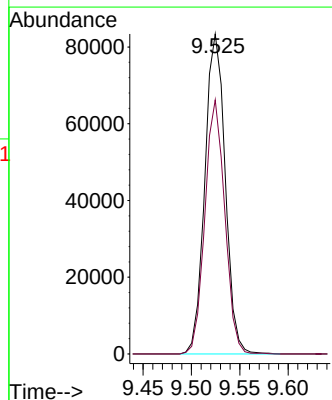
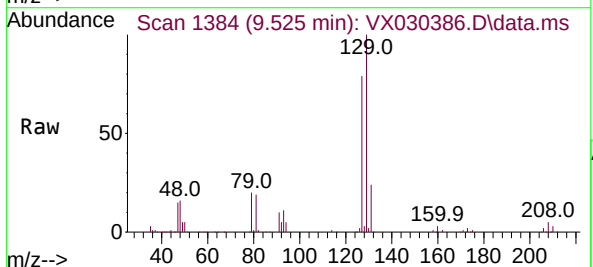
Ion	Ratio	Lower	Upper
43	100		
58	50.5	40.4	60.6
57	18.3	14.6	22.0
100	10.3	8.2	12.4

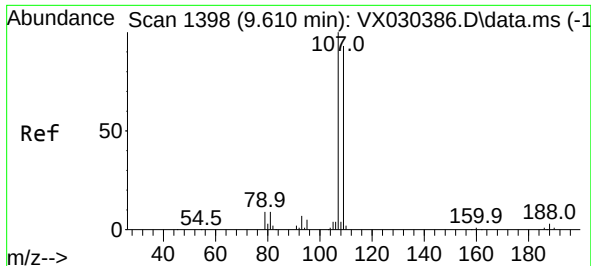


#49
Dibromochloromethane
Concen: 50.404 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion: 129 Resp: 122341

Ion	Ratio	Lower	Upper
129	100		
127	79.4	55.6	103.2





#50

1,2-Dibromoethane

Concen: 50.376 ug/L

RT: 9.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050603

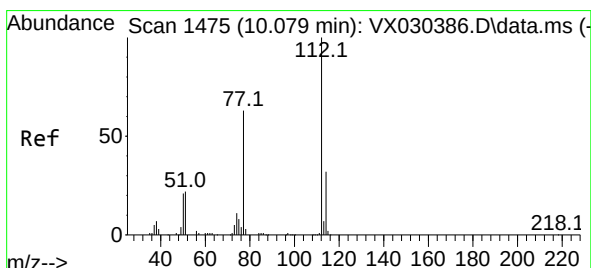
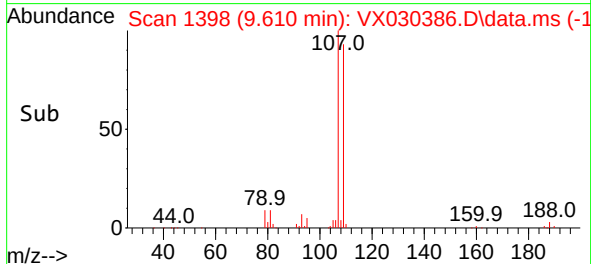
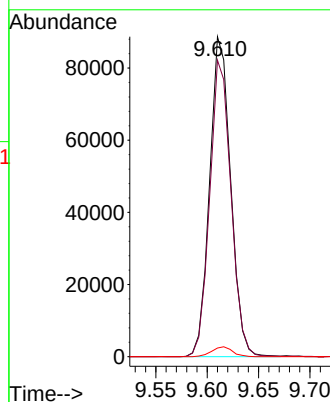
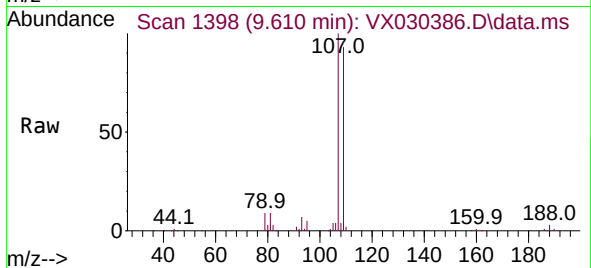
Tgt Ion:107 Resp: 126390

Ion Ratio Lower Upper

107 100

109 92.6 64.8 120.4

188 2.7 2.2 3.2



#51

Chlorobenzene

Concen: 50.382 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

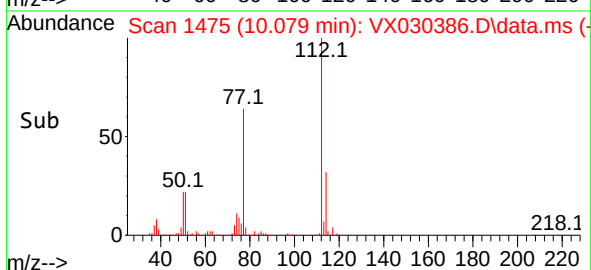
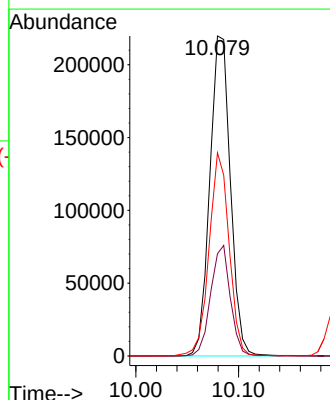
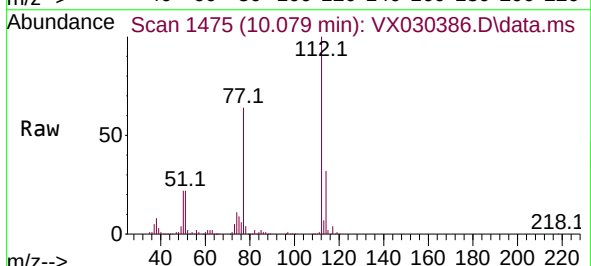
Tgt Ion:112 Resp: 305984

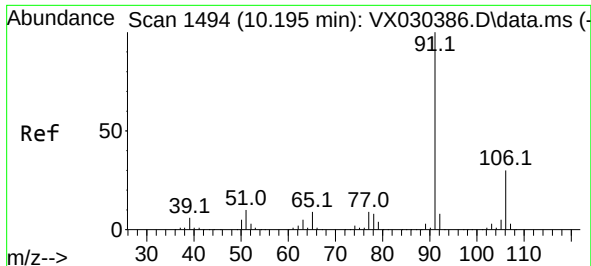
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 63.5 50.8 76.2





#52

Ethylbenzene

Concen: 50.858 ug/L

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

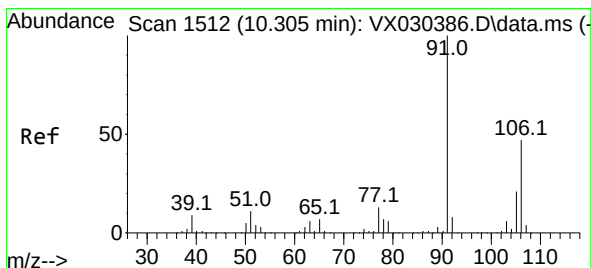
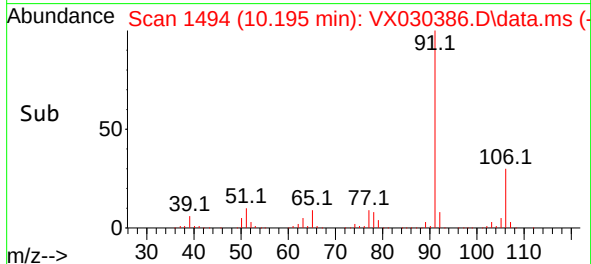
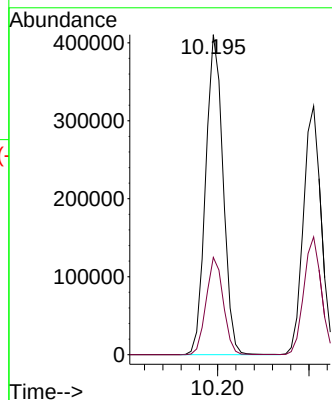
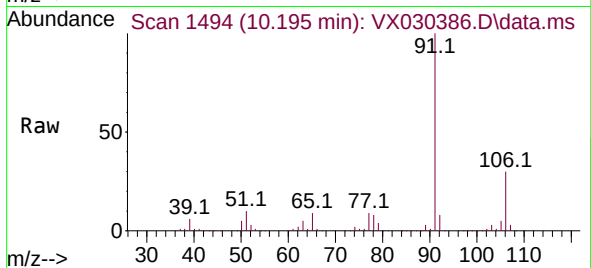
VSTD050603

Tgt Ion: 91 Resp: 540590

Ion Ratio Lower Upper

91 100

106 30.4 21.3 39.5



#53

m,p-Xylene

Concen: 50.945 ug/L

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030386.D

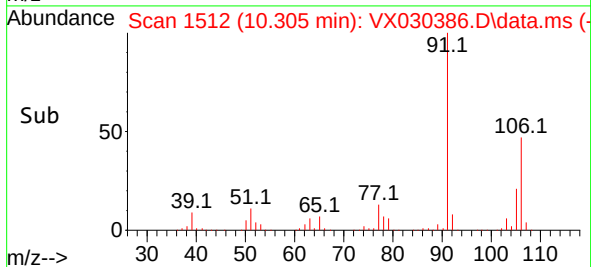
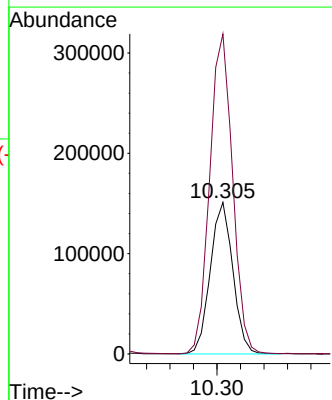
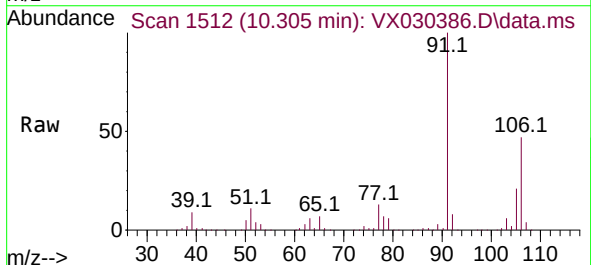
Acq: 04 Aug 2022 11:31

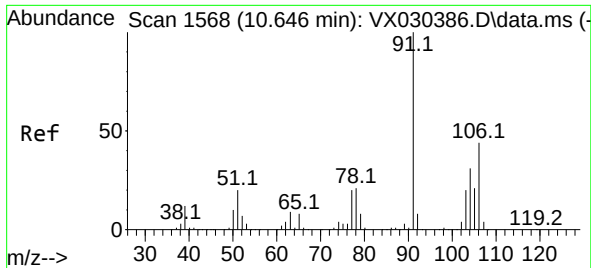
Tgt Ion:106 Resp: 201837

Ion Ratio Lower Upper

106 100

91 211.2 147.8 274.6

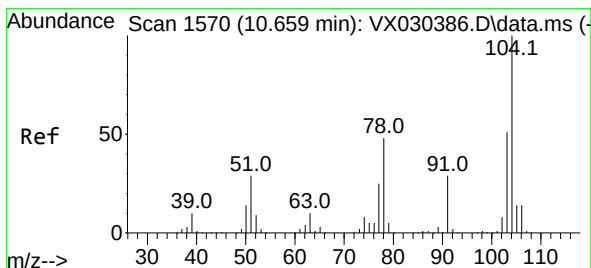
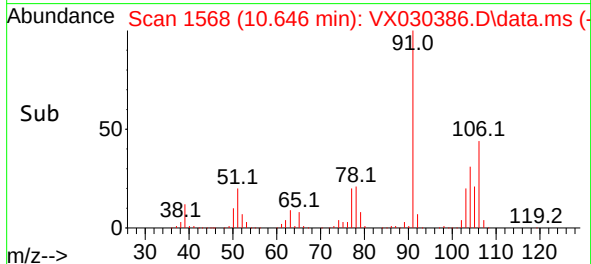
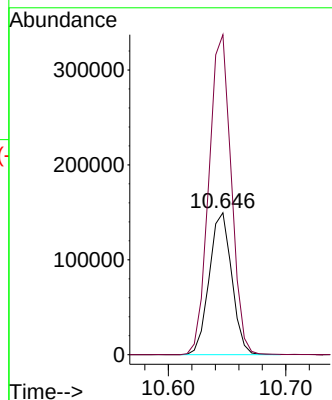
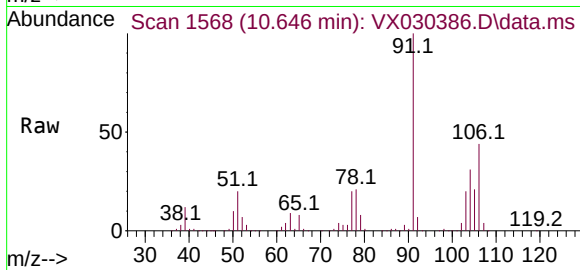




#54
o-Xylene
Concen: 50.380 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

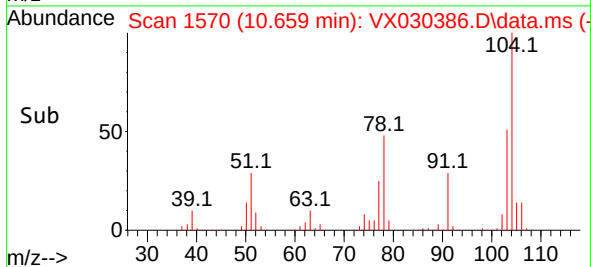
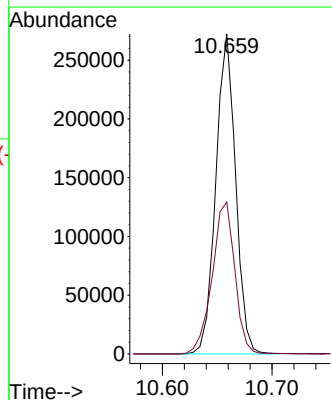
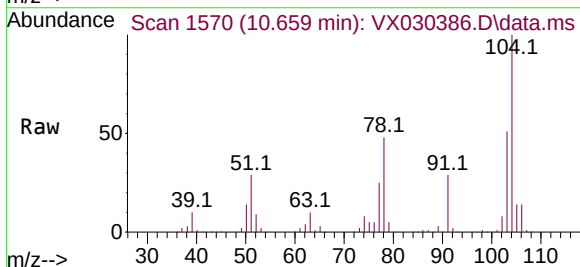
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

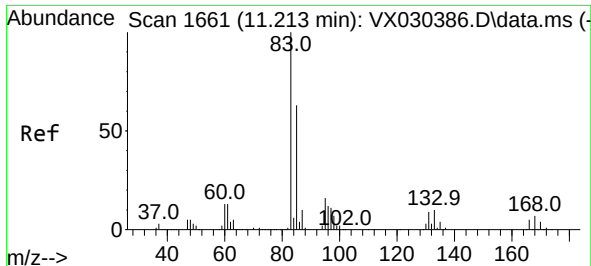
Tgt Ion:106 Resp: 198893
Ion Ratio Lower Upper
106 100
91 225.4 157.8 293.0



#55
Styrene
Concen: 51.367 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion:104 Resp: 341450
Ion Ratio Lower Upper
104 100
78 47.5 33.2 61.7

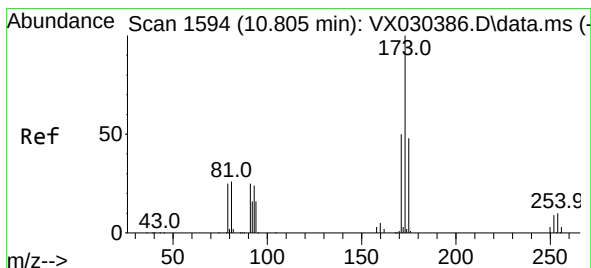
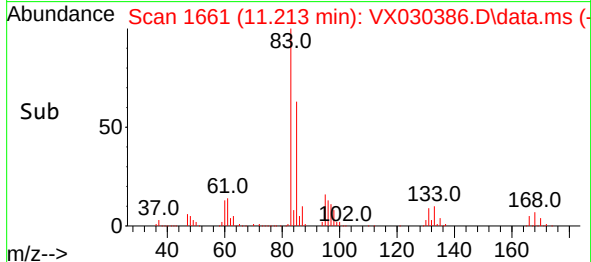
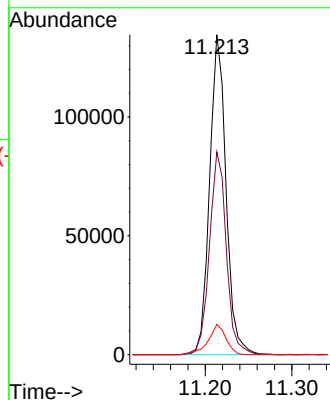
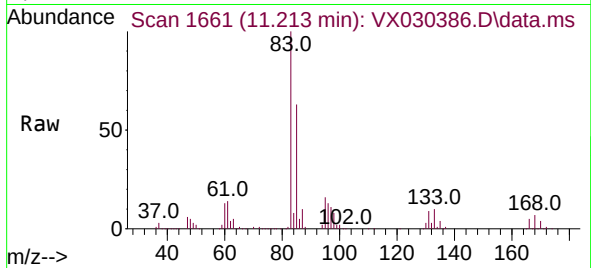




#57
1,1,2,2-Tetrachloroethane
Concen: 50.990 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

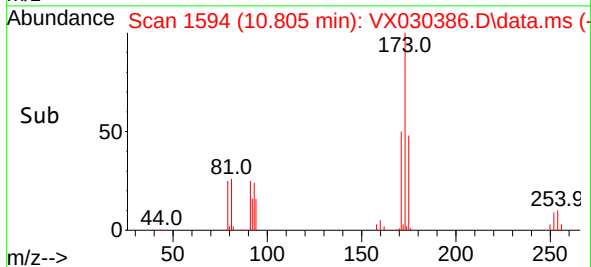
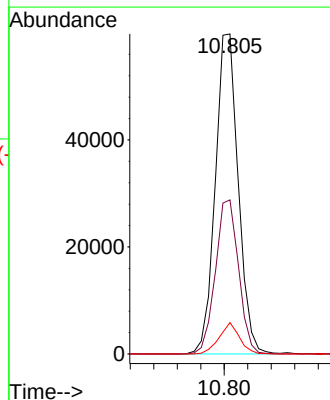
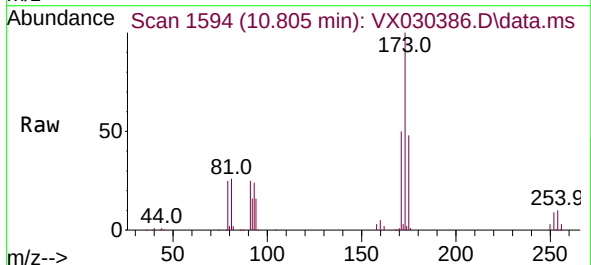
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

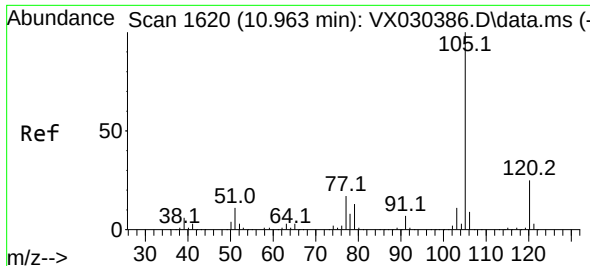
Tgt Ion: 83 Resp: 177009
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4
131 9.4 7.5 11.3



#59
Bromoform
Concen: 50.241 ug/L
RT: 10.805 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion: 173 Resp: 81191
Ion Ratio Lower Upper
173 100
175 48.6 38.9 58.3
254 8.7 7.0 10.4

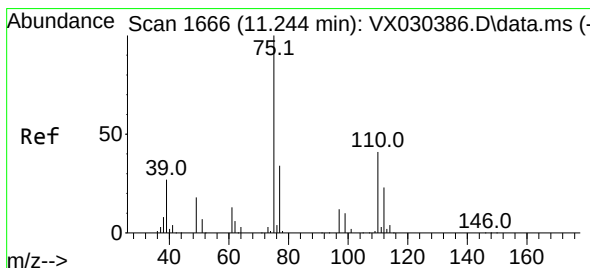
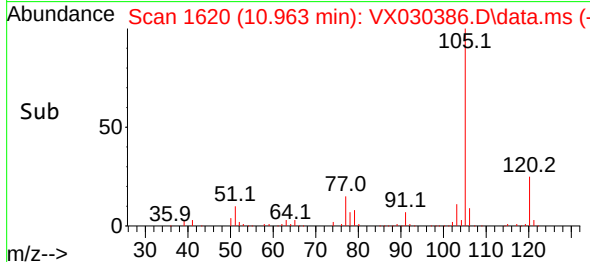
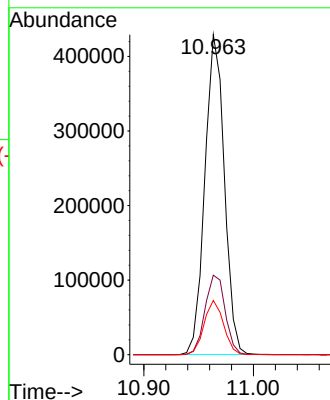
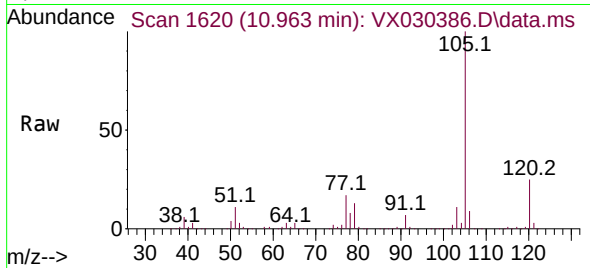




#60
Isopropylbenzene
Concen: 50.344 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

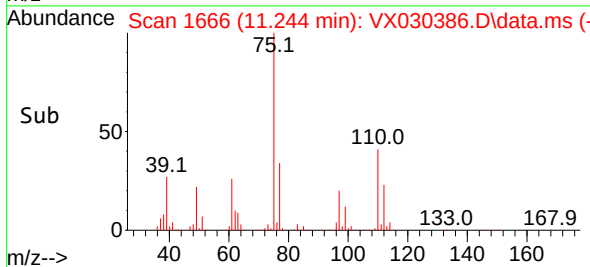
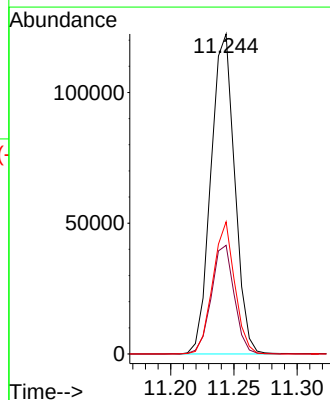
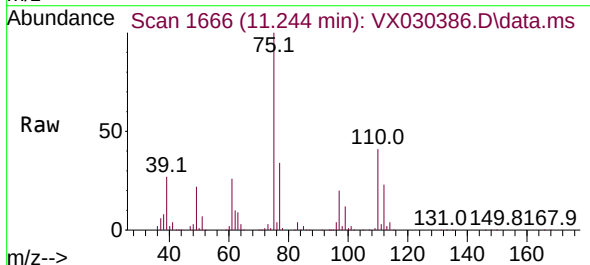
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

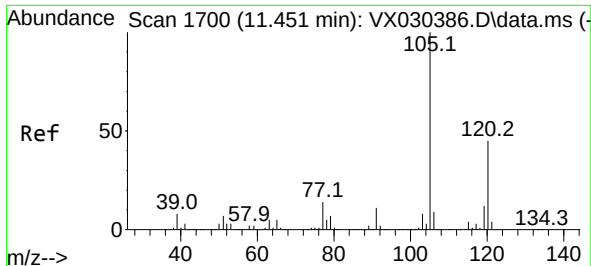
Tgt Ion:105 Resp: 529564
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 50.232 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion: 75 Resp: 160086
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 38.1 30.5 45.7

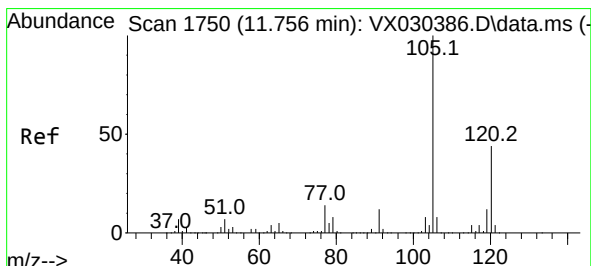
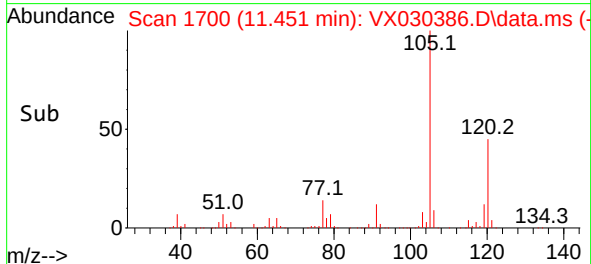
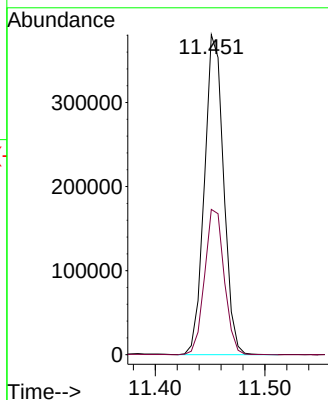
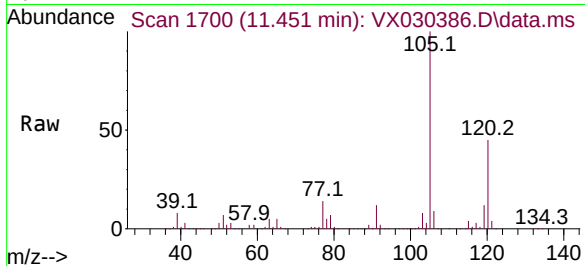




#62
 1,3,5-Trimethylbenzene
 Concen: 51.480 ug/L
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

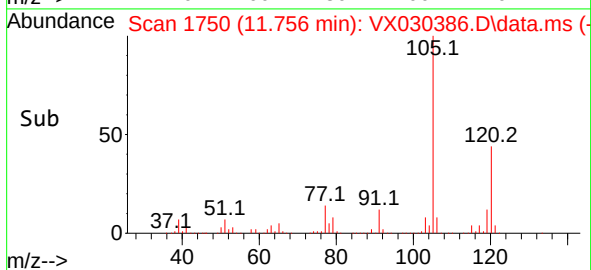
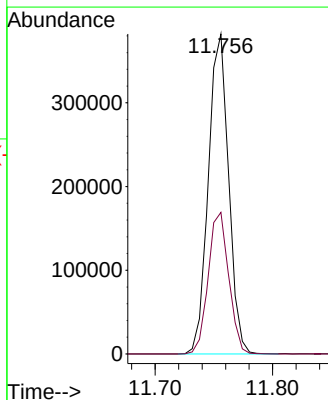
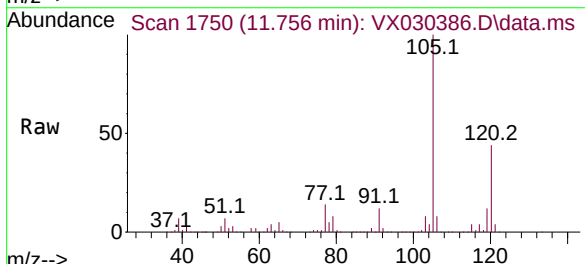
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050603

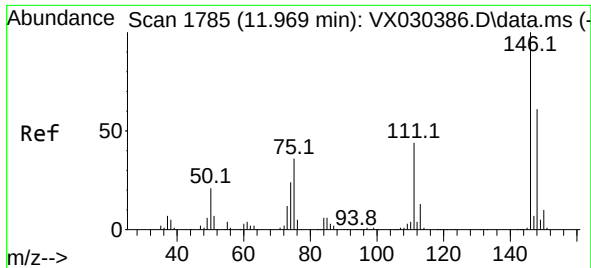
Tgt Ion:105 Resp: 462311
 Ion Ratio Lower Upper
 105 100
 120 46.5 37.2 55.8



#63
 1,2,4-Trimethylbenzene
 Concen: 50.516 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX030386.D
 Acq: 04 Aug 2022 11:31

Tgt Ion:105 Resp: 458137
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.9 53.9

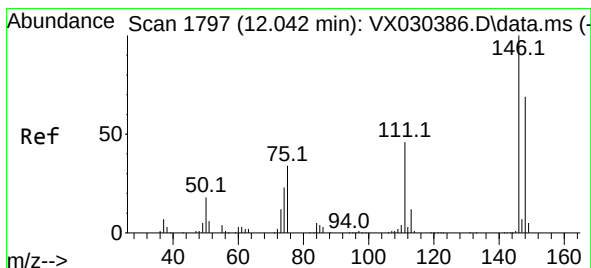
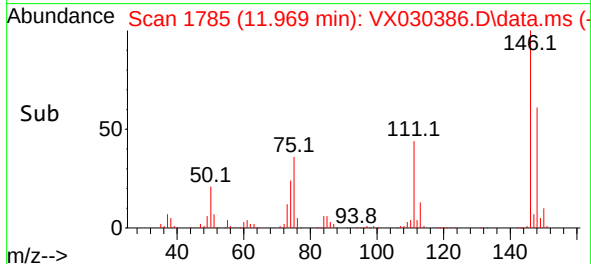
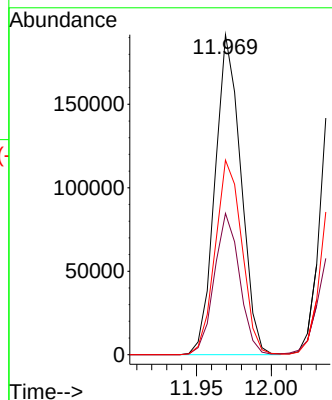
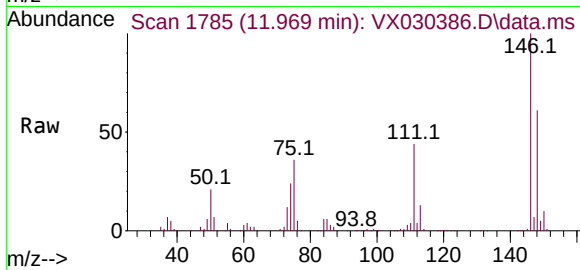




#64
1,3-Dichlorobenzene
Concen: 50.501 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

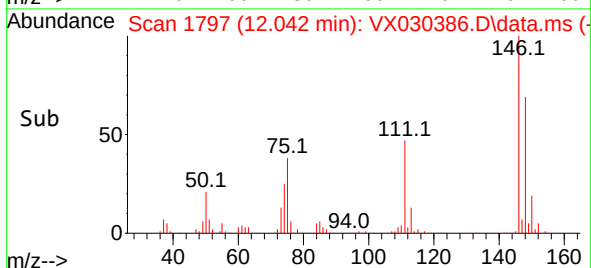
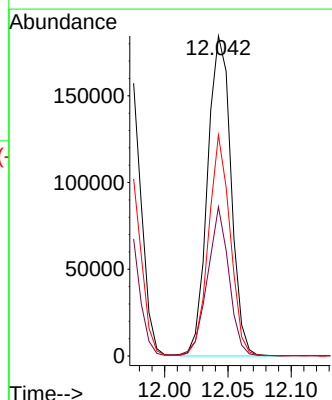
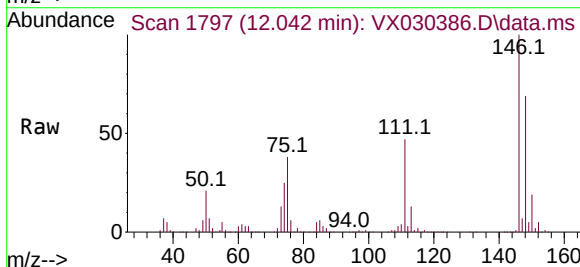
Instrument :
MSVOA_X
ClientSampleId :
VSTD050603

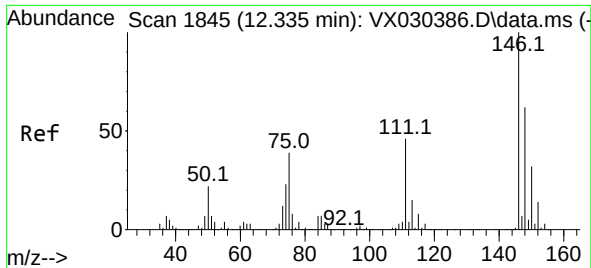
Tgt Ion:146 Resp: 230922
Ion Ratio Lower Upper
146 100
111 44.2 30.9 57.5
148 60.8 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 51.148 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX030386.D
Acq: 04 Aug 2022 11:31

Tgt Ion:146 Resp: 237758
Ion Ratio Lower Upper
146 100
111 46.6 32.6 60.6
148 69.0 48.3 89.7





#67

1,2-Dichlorobenzene

Concen: 51.893 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050603

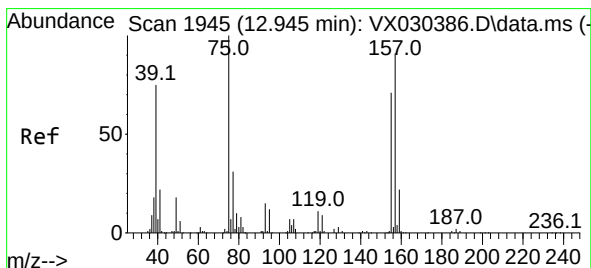
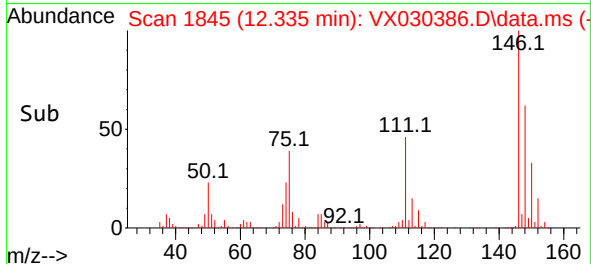
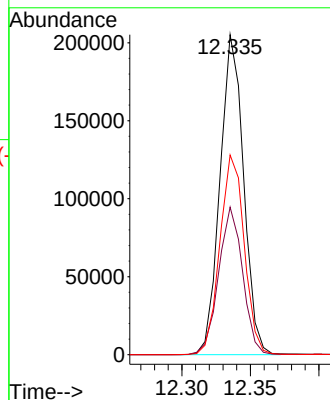
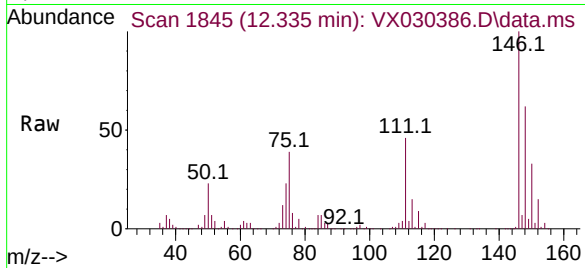
Tgt Ion:146 Resp: 245387

Ion Ratio Lower Upper

146 100

111 46.1 36.9 55.3

148 62.4 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 52.865 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

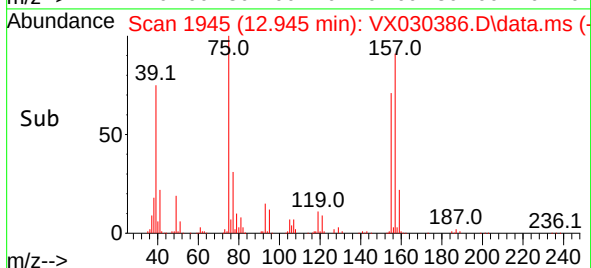
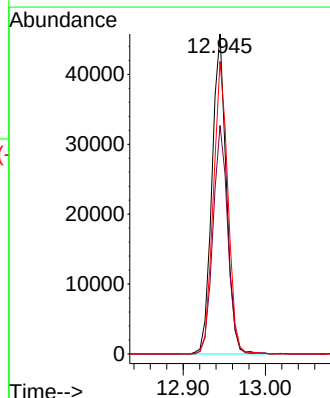
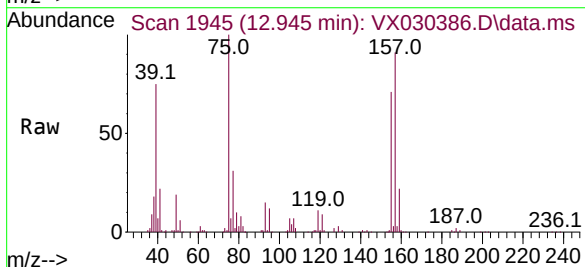
Tgt Ion: 75 Resp: 55575

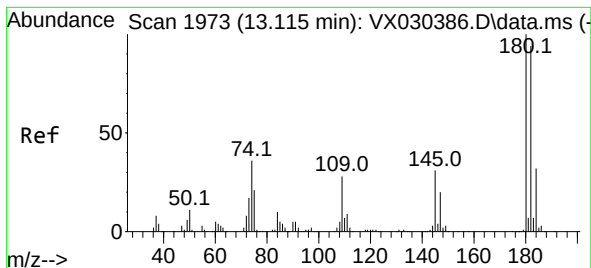
Ion Ratio Lower Upper

75 100

155 71.4 57.1 85.7

157 91.4 73.1 109.7





#69

1,3,5-Trichlorobenzene

Concen: 51.550 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050603

Tgt Ion:180 Resp: 165308

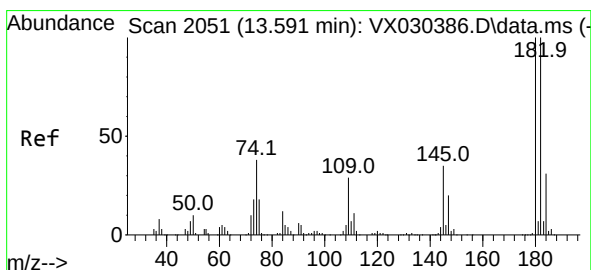
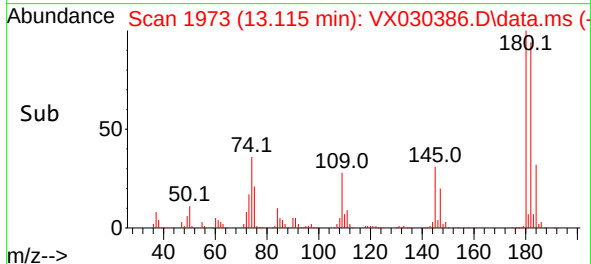
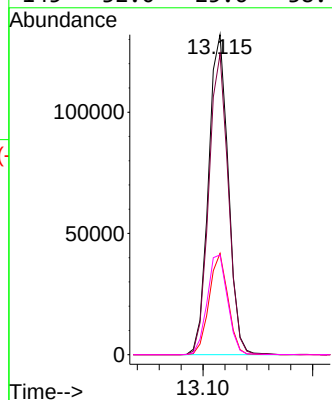
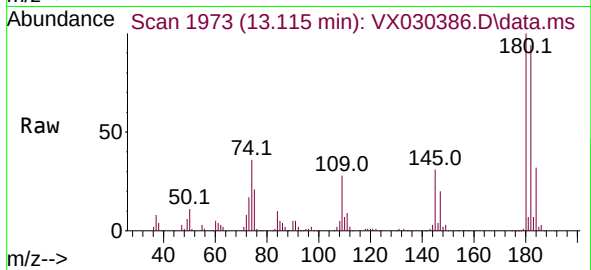
Ion Ratio Lower Upper

180 100

182 92.1 73.7 110.5

184 30.1 24.1 36.1

145 32.0 25.6 38.4



#70

1,2,4-trichlorobenzene

Concen: 52.215 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

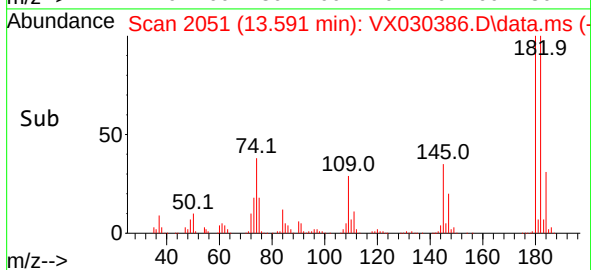
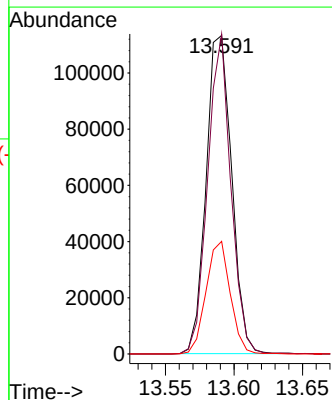
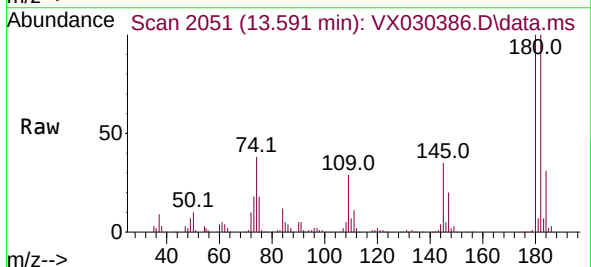
Tgt Ion:180 Resp: 147051

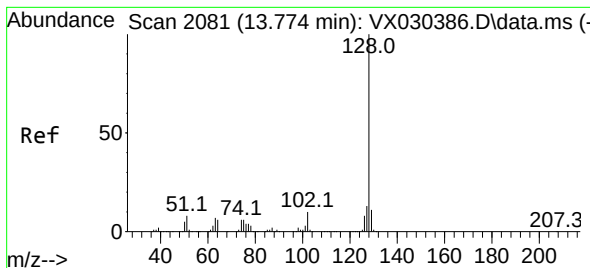
Ion Ratio Lower Upper

180 100

182 90.9 72.7 109.1

145 33.3 26.6 40.0





#71

Naphthalene

Concen: 52.670 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Instrument :

MSVOA_X

ClientSampleId :

VSTD050603

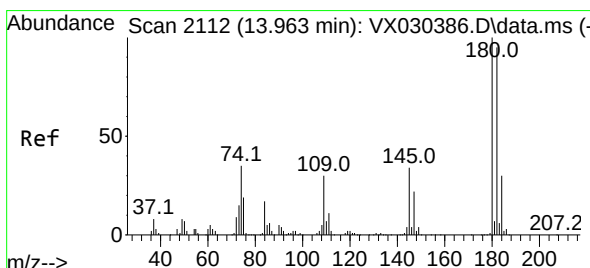
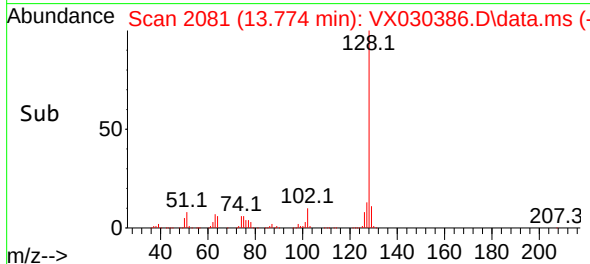
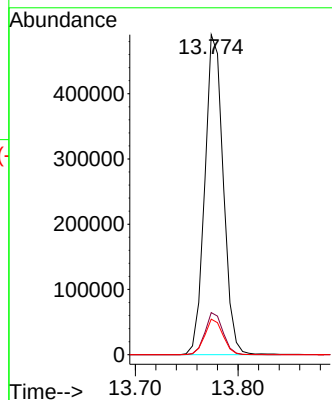
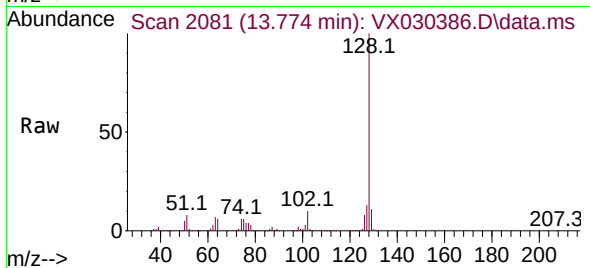
Tgt Ion:128 Resp: 613999

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.359 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX030386.D

Acq: 04 Aug 2022 11:31

Tgt Ion:180 Resp: 152783

Ion Ratio Lower Upper

180 100

182 93.3 74.6 112.0

145 35.5 28.4 42.6

