

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036021.D
 Acq On : 06 Jun 2023 10:12
 Operator : JC/MD
 Sample : VSTD05040
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050640

Quant Time: Jun 07 05:17:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:13:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	308021	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285827	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	147361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	104936	52.624	ug/L	0.00
7) Chloroethane-d5	1.672	69	82808	56.507	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	54489	55.948	ug/L	0.00
21) 2-Butanone-d5	4.471	46	176249	126.550	ug/L	0.00
24) Chloroform-d	5.056	84	224508	58.263	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	165059	64.219	ug/L	0.00
32) Benzene-d6	5.970	84	432793	52.512	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	134284	53.280	ug/L	0.00
41) Toluene-d8	8.647	98	397493	52.788	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	65992	58.539	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	123860	119.464	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	186025	58.778	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	141408	50.009	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	145386	60.345	ug/L	100
3) Chloromethane	1.294	50	134499	61.186	ug/L	100
5) Vinyl chloride	1.374	62	124392	55.999	ug/L	100
6) Bromomethane	1.618	94	73004	55.558	ug/L	100
8) Chloroethane	1.691	64	75653	60.045	ug/L	100
9) Trichlorofluoromethane	1.892	101	178722	58.583	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	117323	56.832	ug/L	100
12) 1,1-Dichloroethene	2.319	96	100934	54.330	ug/L	100
13) Acetone	2.404	43	172443	153.564	ug/L	100
14) Carbon disulfide	2.514	76	275935	58.666	ug/L	100
15) Methyl Acetate	2.709	43	137209	62.131	ug/L	100
16) Methylene chloride	2.788	84	116708	55.713	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	106867	55.309	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	388982	57.751	ug/L	100
19) 1,1-Dichloroethane	3.605	63	217512	57.756	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	122524	54.621	ug/L	100
22) 2-Butanone	4.574	43	212269	131.848	ug/L	100
23) Bromochloromethane	4.897	128	59821	54.059	ug/L	100
25) Chloroform	5.086	83	240143	61.771	ug/L	100
27) 1,2-Dichloroethane	6.086	62	205644	64.912	ug/L	100
29) Cyclohexane	5.464	56	192252	54.820	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	194017	56.702	ug/L	100
31) Carbon tetrachloride	5.678	117	162027	56.010	ug/L	100
33) Benzene	6.037	78	464066	53.317	ug/L	100
34) Trichloroethene	7.123	95	124954	53.702	ug/L	100
35) Methylcyclohexane	7.379	83	184878	57.927	ug/L	100
37) 1,2-Dichloropropane	7.427	63	123788	53.892	ug/L	100
38) Bromodichloromethane	7.818	83	162945	58.760	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	197182	57.060	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	375715	120.611	ug/L	100
42) Toluene	8.714	91	491445	54.268	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	188412	59.741	ug/L	100

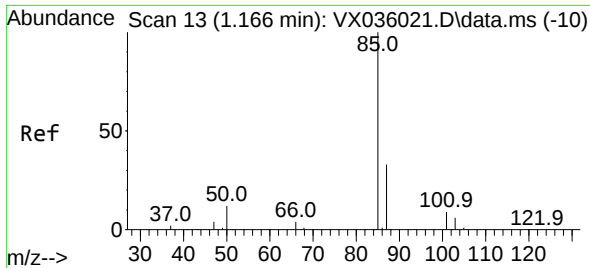
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
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 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:13:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	120782	55.060	ug/L	100
46) Tetrachloroethene	9.269	164	85951	50.668	ug/L	100
48) 2-Hexanone	9.427	43	299286	126.010	ug/L	100
49) Dibromochloromethane	9.519	129	116946	56.194	ug/L	100
50) 1,2-Dibromoethane	9.610	107	128080	56.054	ug/L	100
51) Chlorobenzene	10.079	112	314437	52.863	ug/L	100
52) Ethylbenzene	10.189	91	563463	55.845	ug/L	100
53) m,p-Xylene	10.299	106	211091	54.980	ug/L	100
54) o-Xylene	10.640	106	207904	55.008	ug/L	100
55) Styrene	10.653	104	357764	55.864	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	189547	57.980	ug/L	100
59) Bromoform	10.799	173	75953	50.822	ug/L	100
60) Isopropylbenzene	10.963	105	548009	54.307	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	153291	55.550	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	465520	55.995	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	428348	52.830	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	235605	51.756	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	239911	51.501	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	233326	50.692	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	40545	59.226	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	146278	51.984	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	133126	50.808	ug/L	100
71) Naphthalene	13.774	128	446373	48.807	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	131198	50.935	ug/L	100

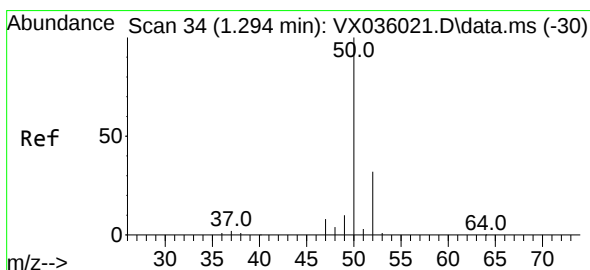
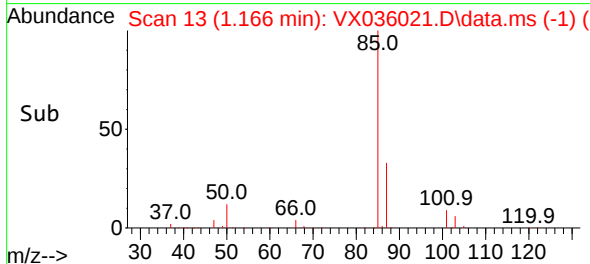
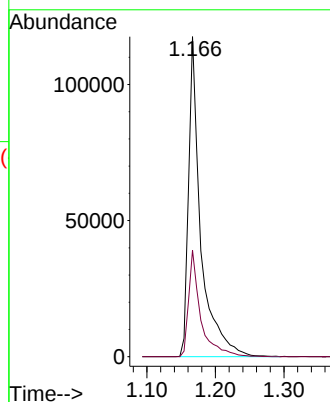
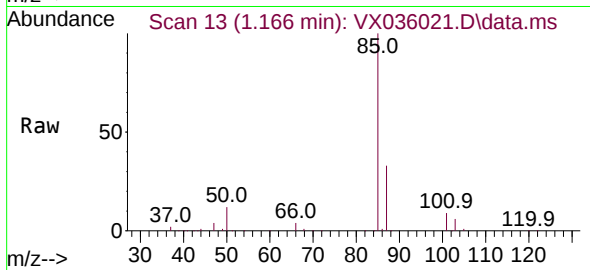
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 60.345 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036021.D
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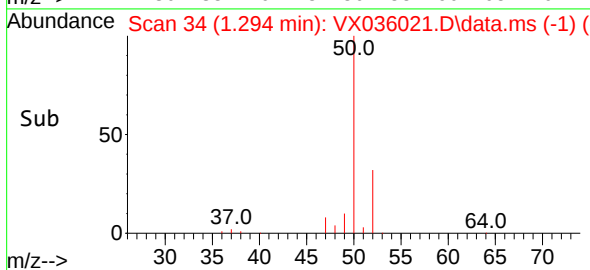
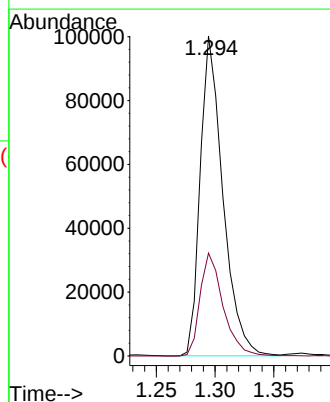
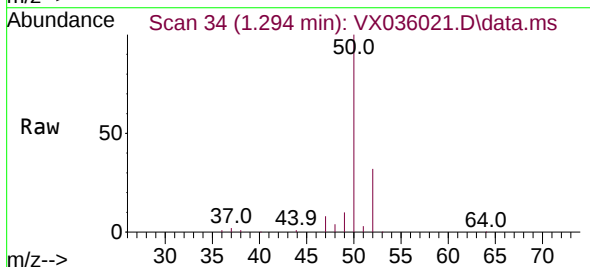
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 MSVOA_X
 ClientSampleId :
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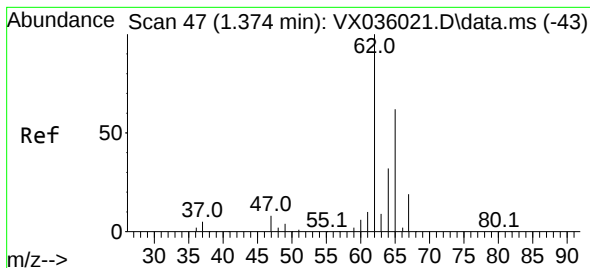
Tgt Ion: 85 Resp: 145386
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.4 39.6



#3
 Chloromethane
 Concen: 61.186 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX036021.D
 Acq: 06 Jun 2023 10:12

Tgt Ion: 50 Resp: 134499
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.5 41.9

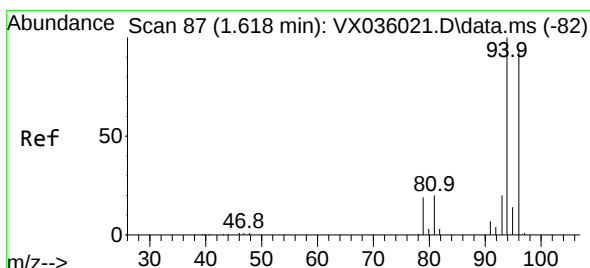
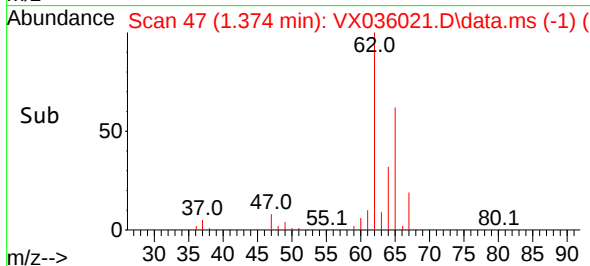
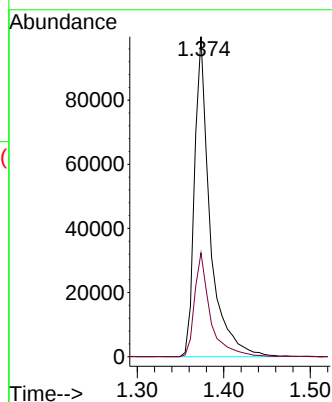
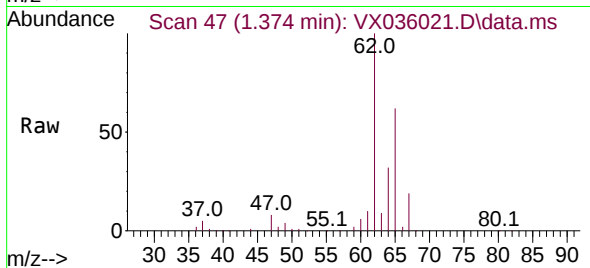




#5
 Vinyl chloride
 Concen: 55.999 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036021.D
 Acq: 06 Jun 2023 10:12

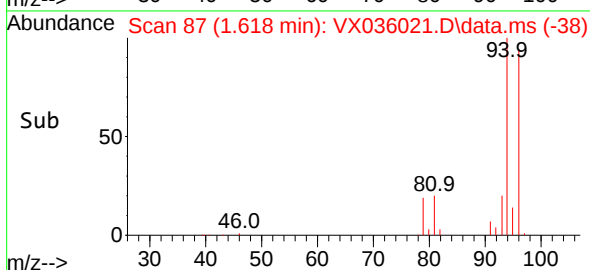
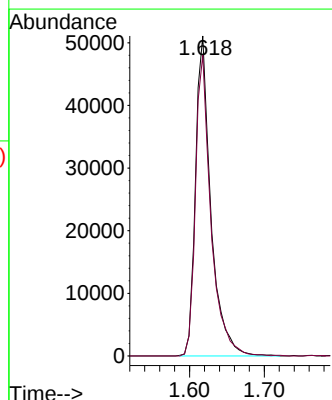
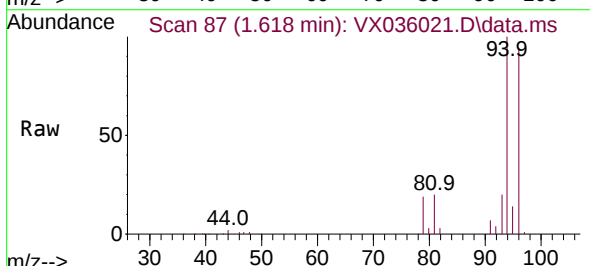
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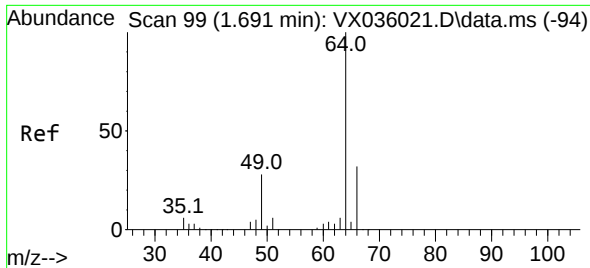
Tgt Ion: 62 Resp: 124392
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.7 42.1



#6
 Bromomethane
 Concen: 55.558 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX036021.D
 Acq: 06 Jun 2023 10:12

Tgt Ion: 94 Resp: 73004
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.8 122.2

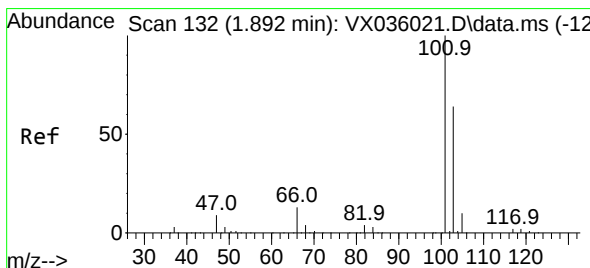
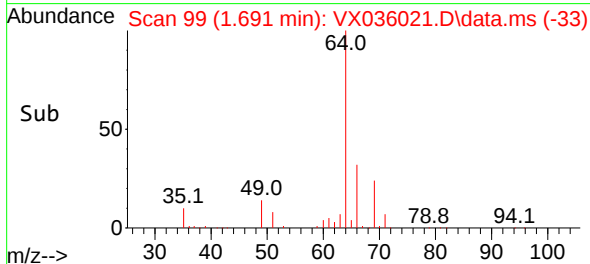
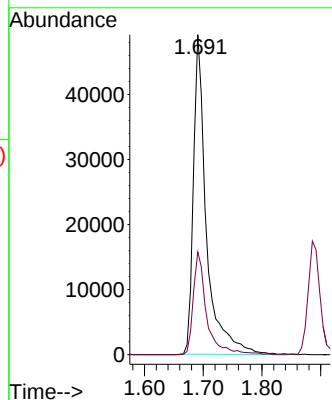
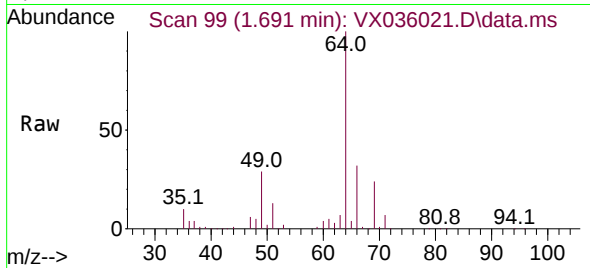




#8
Chloroethane
Concen: 60.045 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

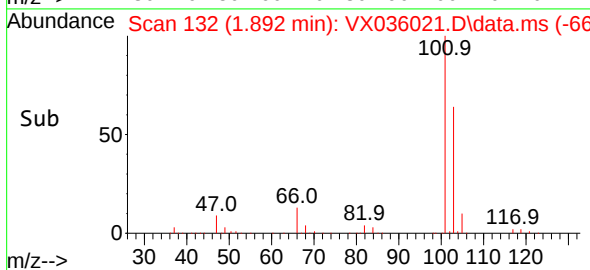
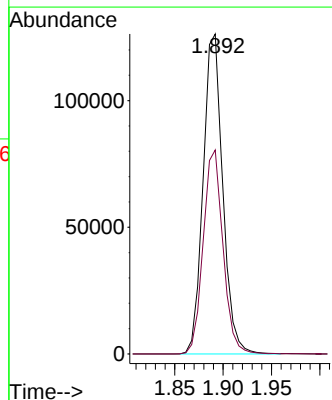
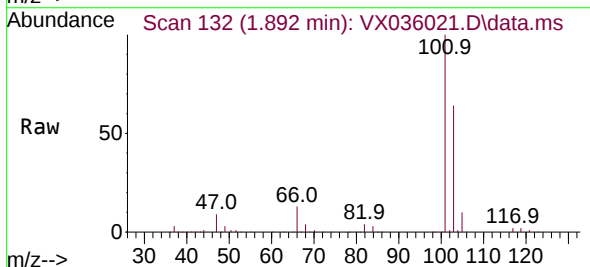
Instrument :
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ClientSampleId :
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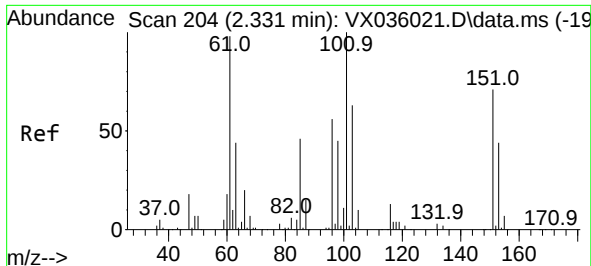
Tgt Ion: 64 Resp: 75653
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 58.583 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 101 Resp: 178722
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0

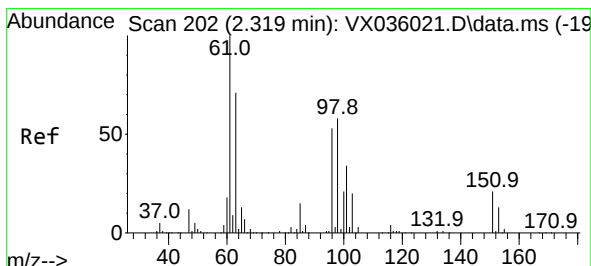
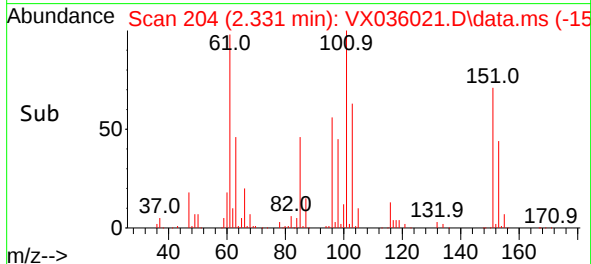
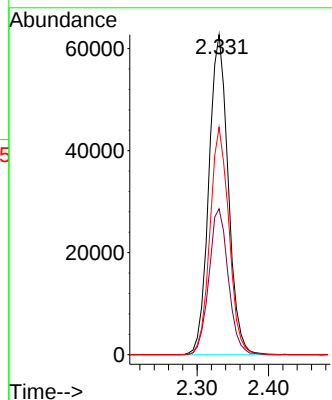
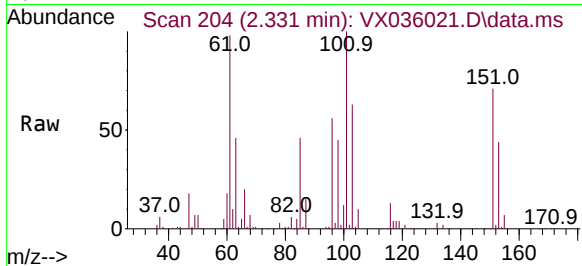




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 56.832 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX036021.D
 Acq: 06 Jun 2023 10:12

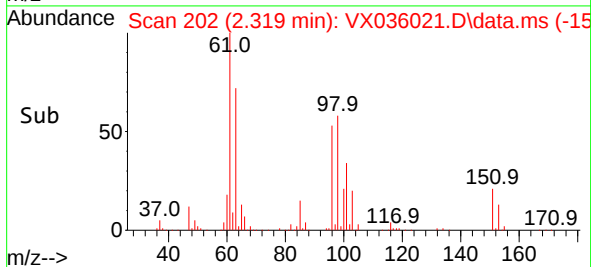
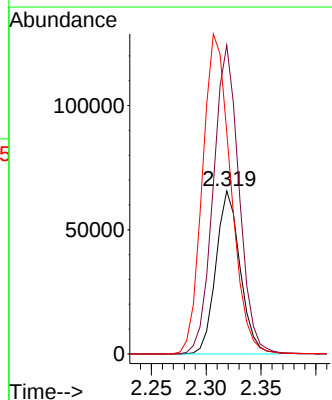
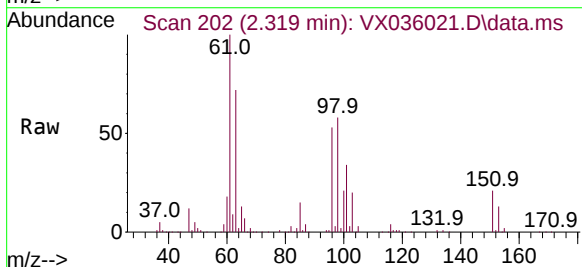
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050640

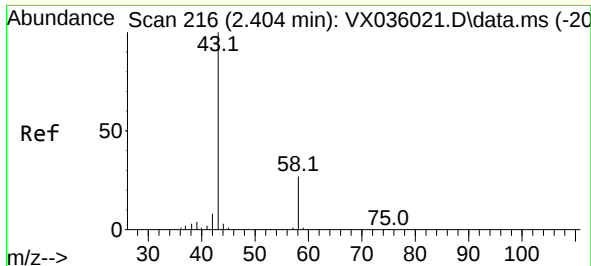
Tgt Ion:101 Resp: 117323
 Ion Ratio Lower Upper
 101 100
 85 45.8 36.6 55.0
 151 70.1 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 54.330 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX036021.D
 Acq: 06 Jun 2023 10:12

Tgt Ion: 96 Resp: 100934
 Ion Ratio Lower Upper
 96 100
 61 189.3 132.5 246.1
 63 135.9 95.1 176.7





#13

Acetone

Concen: 153.564 ug/L

RT: 2.404 min Scan# 216

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

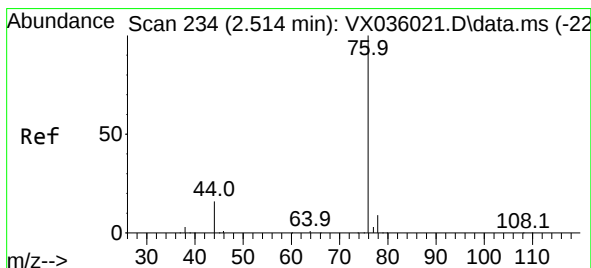
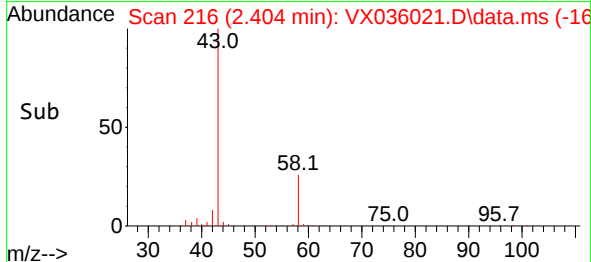
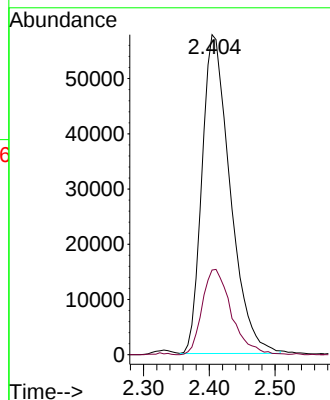
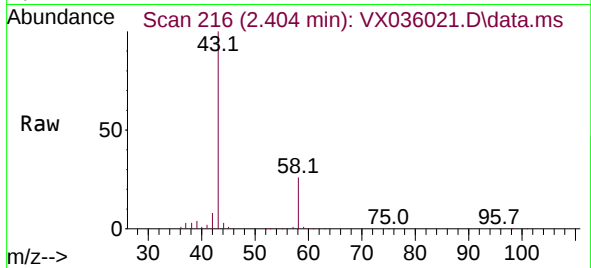
VSTD050640

Tgt Ion: 43 Resp: 172443

Ion Ratio Lower Upper

43 100

58 27.7 0.0 55.4



#14

Carbon disulfide

Concen: 58.666 ug/L

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036021.D

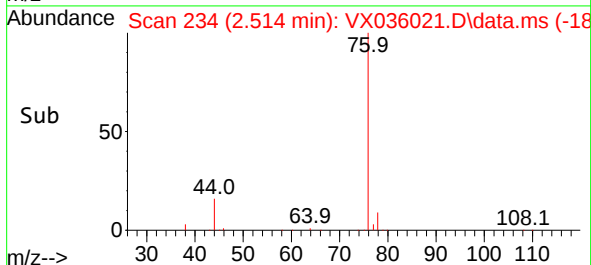
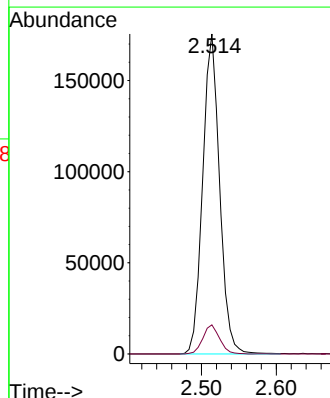
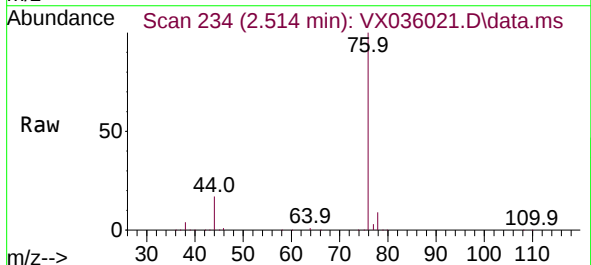
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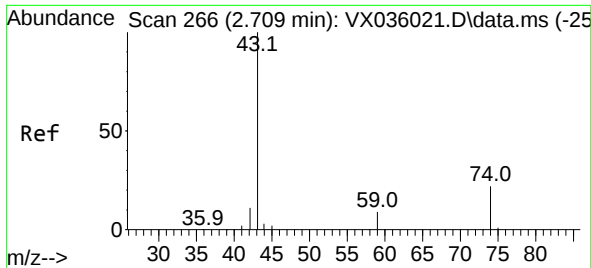
Tgt Ion: 76 Resp: 275935

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

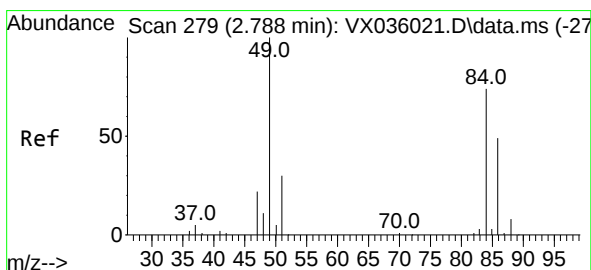
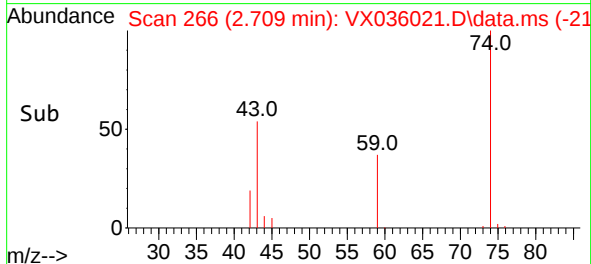
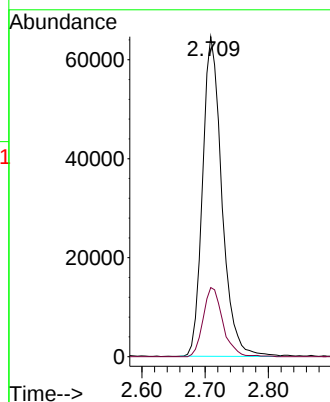
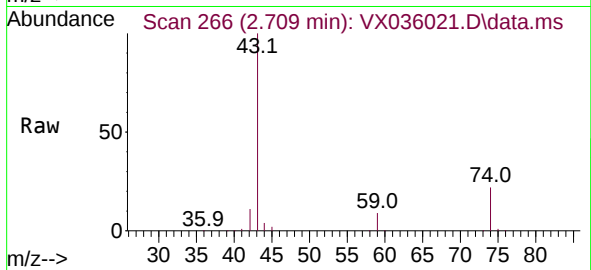




#15
Methyl Acetate
Concen: 62.131 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

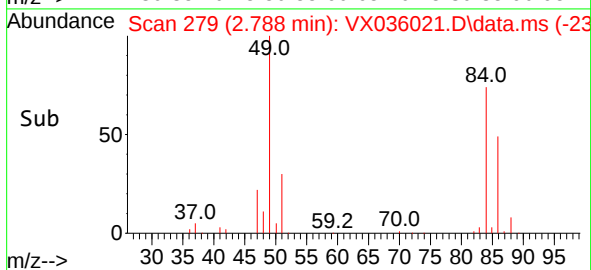
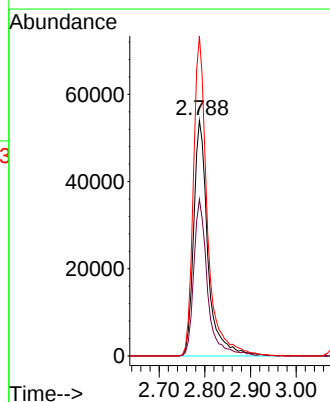
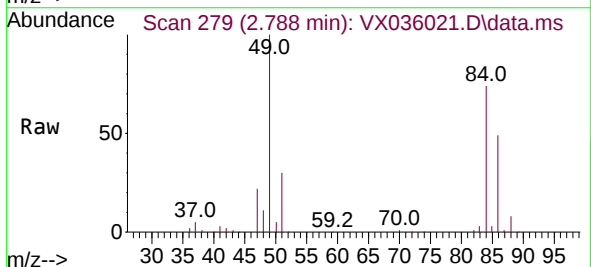
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ClientSampleId :
VSTD050640

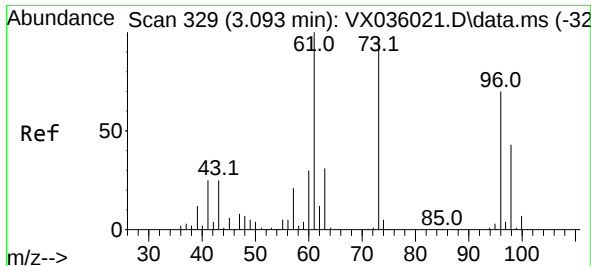
Tgt Ion: 43 Resp: 137209
Ion Ratio Lower Upper
43 100
74 21.8 17.4 26.2



#16
Methylene chloride
Concen: 55.713 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 84 Resp: 116708
Ion Ratio Lower Upper
84 100
86 66.5 46.5 86.5
49 135.8 95.1 176.5

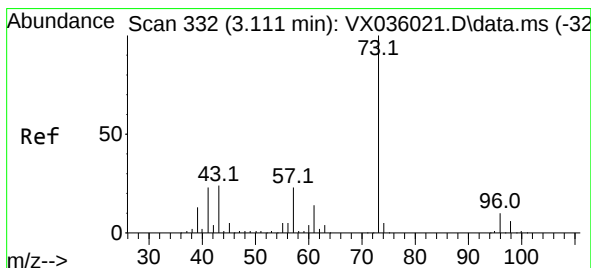
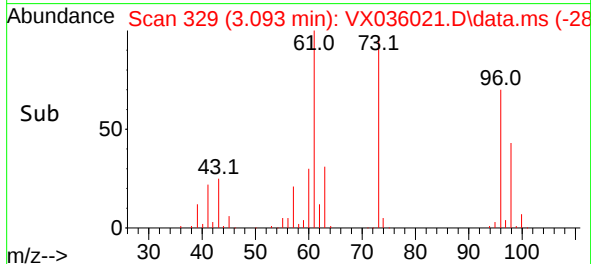
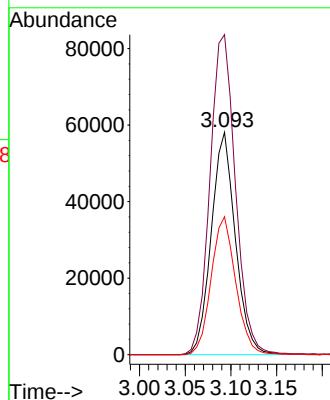
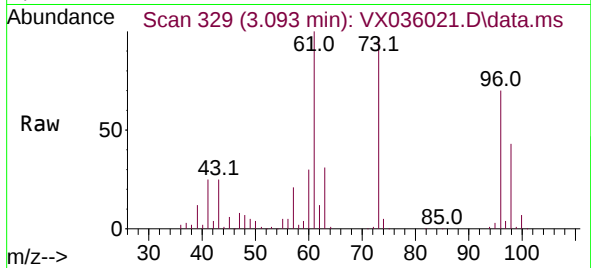




#17
trans-1,2-Dichloroethene
Concen: 55.309 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

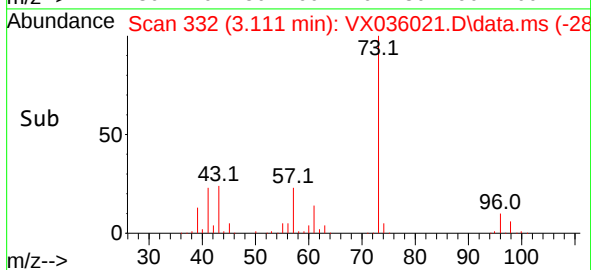
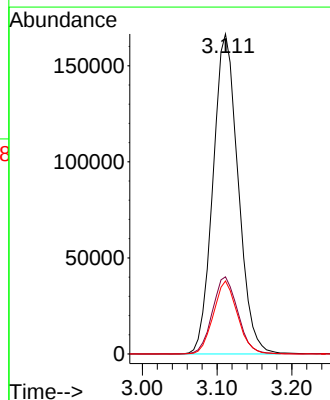
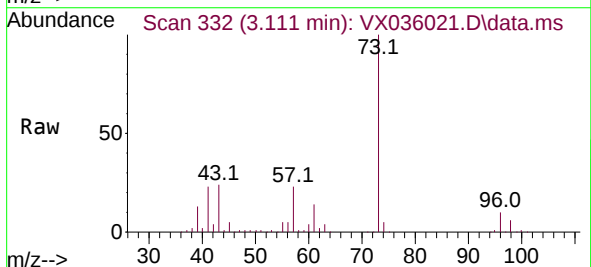
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

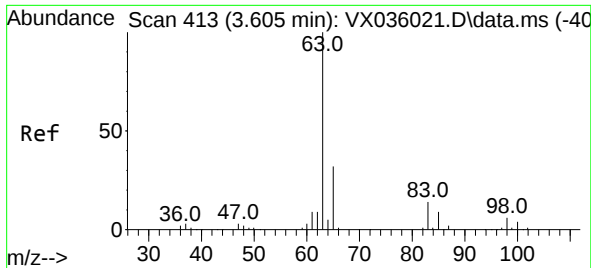
Tgt Ion: 96 Resp: 106867
Ion Ratio Lower Upper
96 100
61 143.9 100.7 187.1
98 62.0 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 57.751 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 73 Resp: 388982
Ion Ratio Lower Upper
73 100
43 24.2 19.4 29.0
57 21.9 17.5 26.3

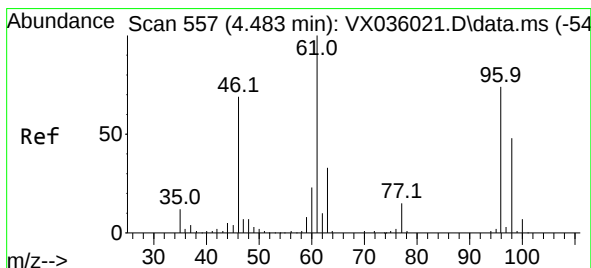
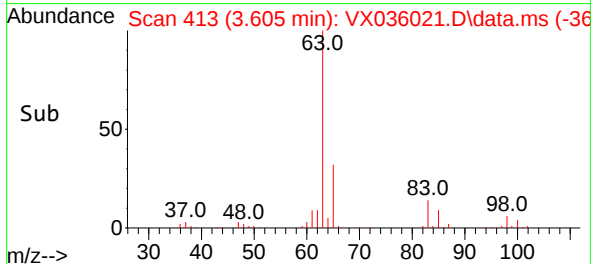
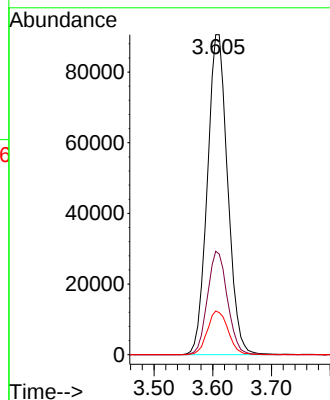
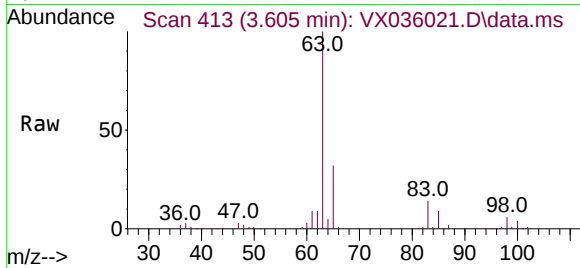




#19
1,1-Dichloroethane
Concen: 57.756 ug/L
RT: 3.605 min Scan# 413
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

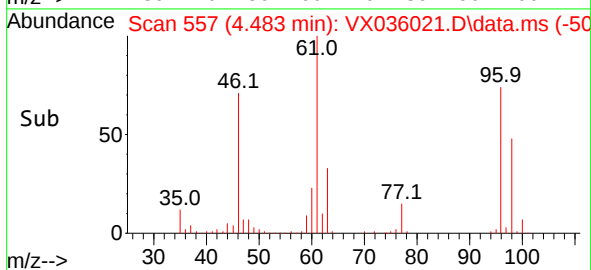
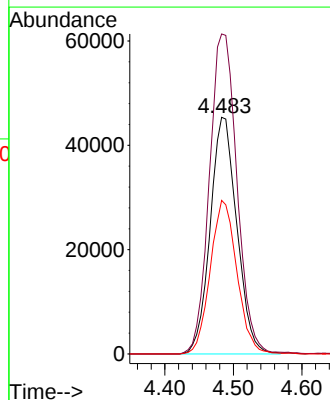
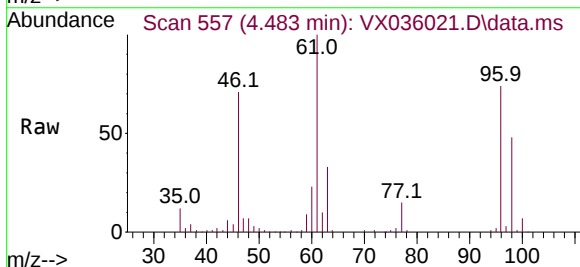
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

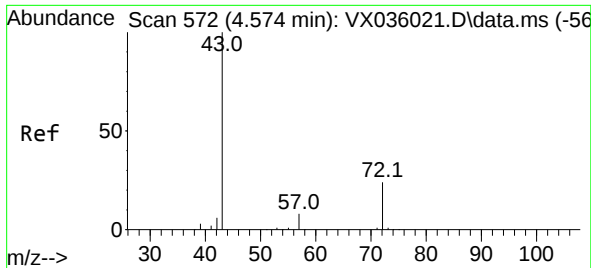
Tgt Ion: 63 Resp: 217512
Ion Ratio Lower Upper
63 100
65 32.3 22.6 42.0
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 54.621 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 96 Resp: 122524
Ion Ratio Lower Upper
96 100
61 135.3 94.7 175.9
98 64.9 45.4 84.4

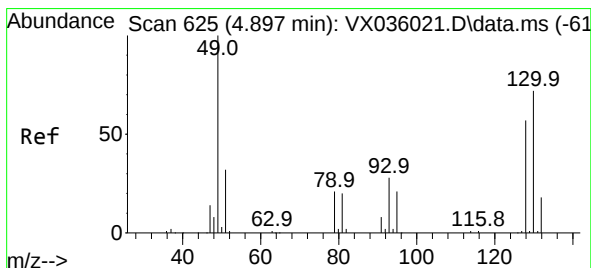
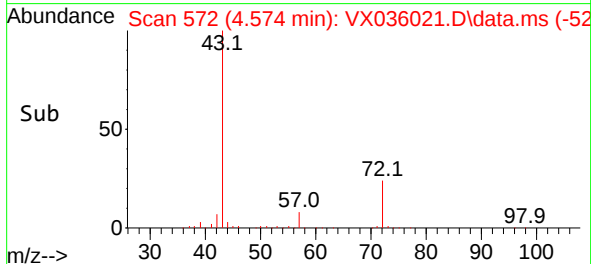
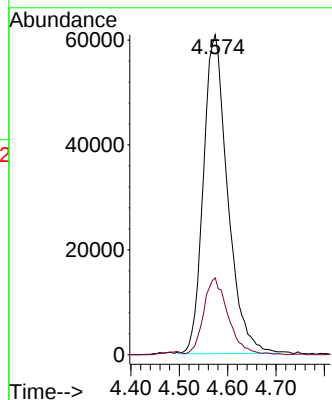
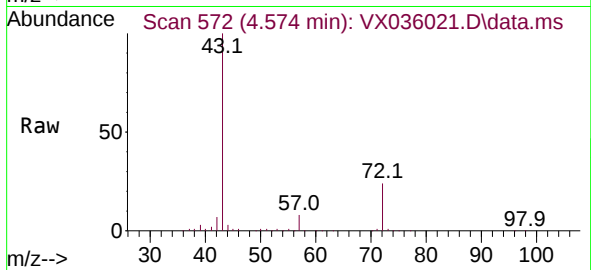




#22
2-Butanone
Concen: 131.848 ug/L
RT: 4.574 min Scan# 512
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

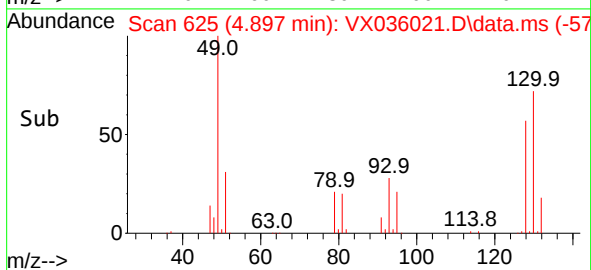
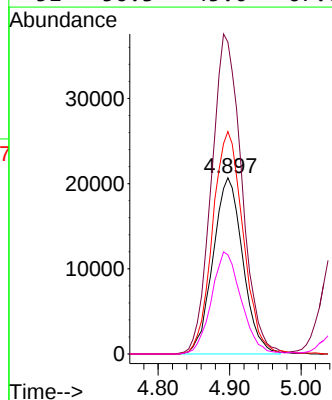
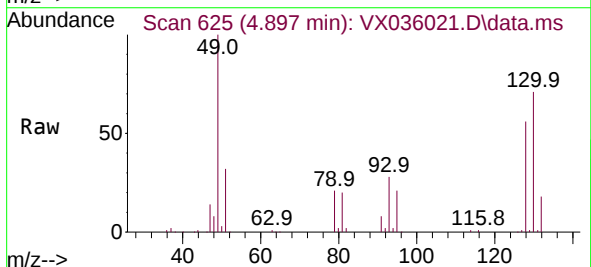
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

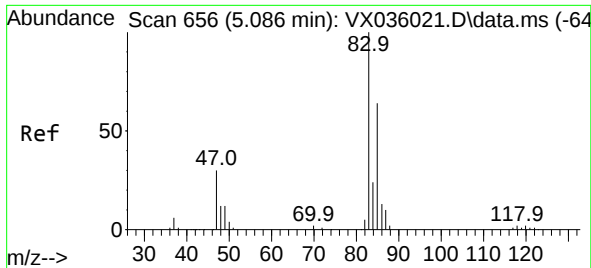
Tgt Ion: 43 Resp: 212269
Ion Ratio Lower Upper
43 100
72 24.1 12.0 36.1



#23
Bromochloromethane
Concen: 54.059 ug/L
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion:128 Resp: 59821
Ion Ratio Lower Upper
128 100
49 177.0 123.9 230.1
130 126.2 88.3 164.1
51 56.3 45.0 67.6

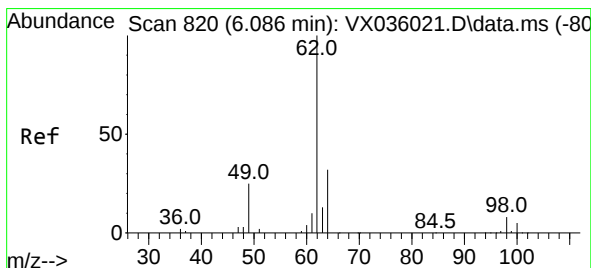
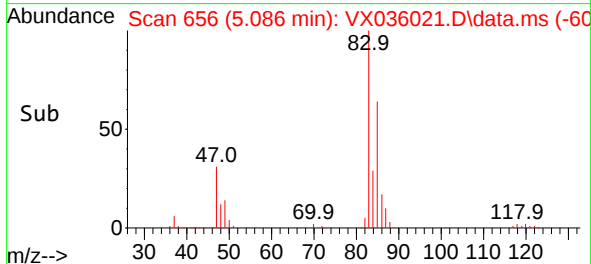
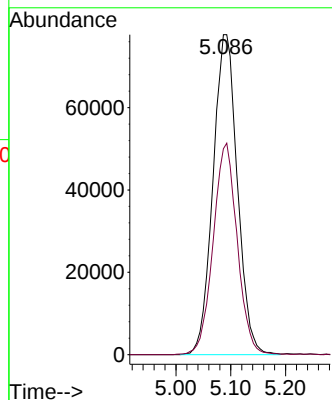
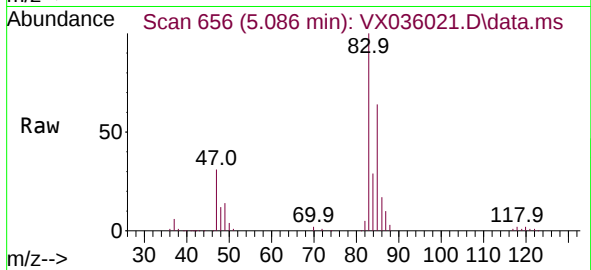




#25
Chloroform
Concen: 61.771 ug/L
RT: 5.086 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

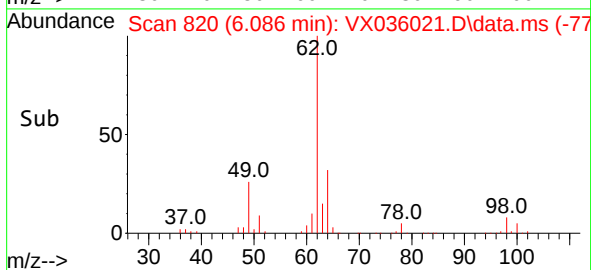
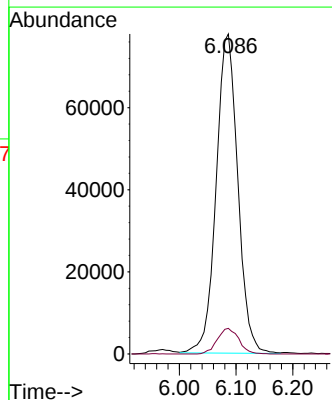
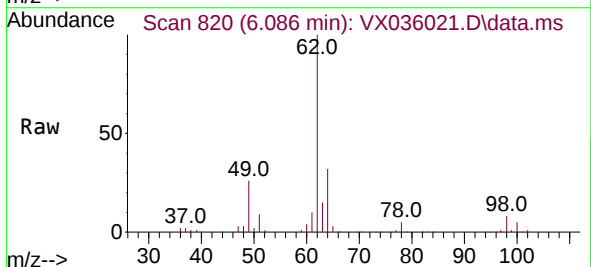
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

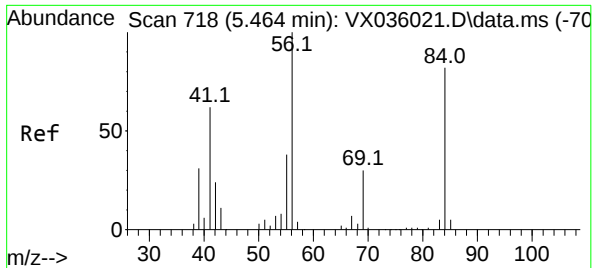
Tgt Ion: 83 Resp: 240143
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 64.912 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 62 Resp: 205644
Ion Ratio Lower Upper
62 100
98 8.0 6.4 9.6

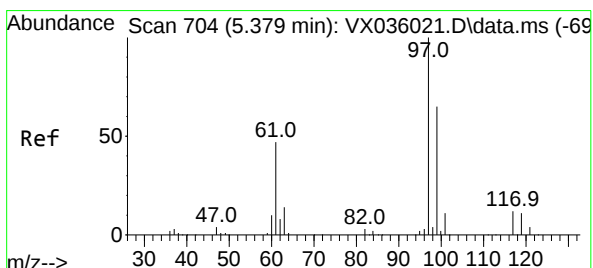
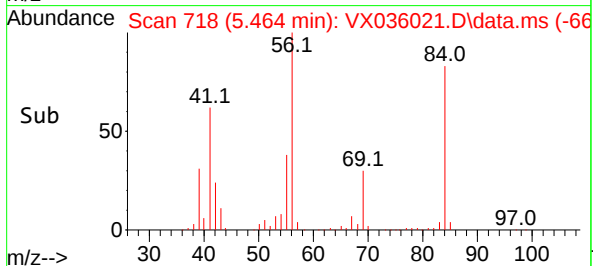
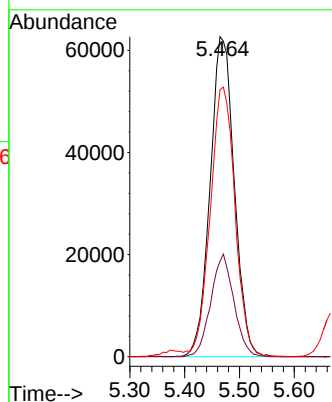
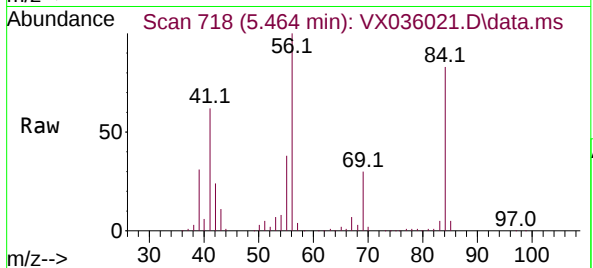




#29
Cyclohexane
Concen: 54.820 ug/L
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

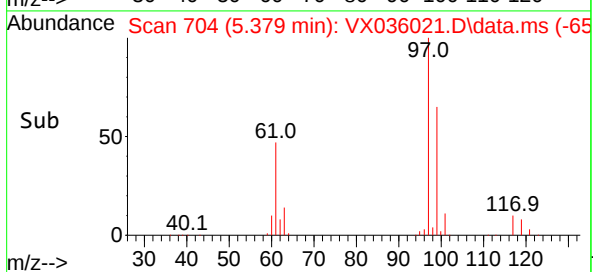
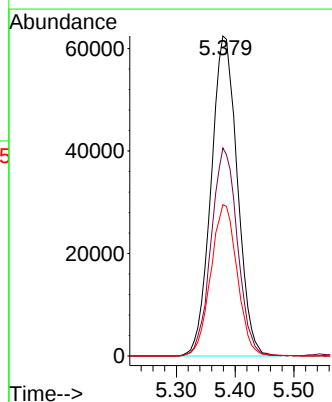
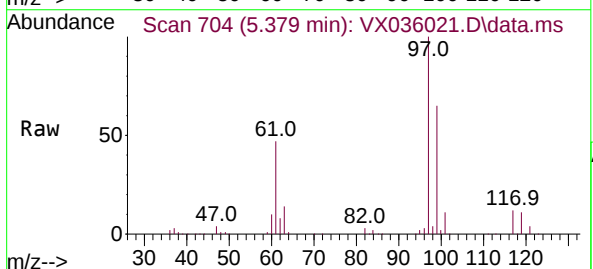
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

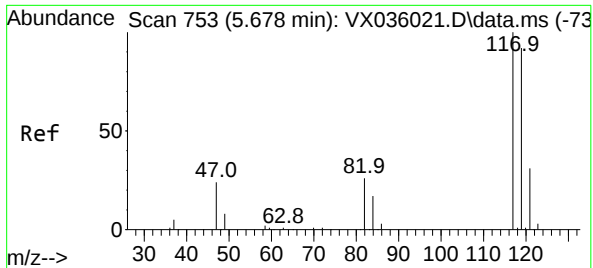
Tgt Ion: 56 Resp: 192252
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 85.5 68.4 102.6



#30
1,1,1-Trichloroethane
Concen: 56.702 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 97 Resp: 194017
Ion Ratio Lower Upper
97 100
99 64.9 51.9 77.9
61 47.5 38.0 57.0

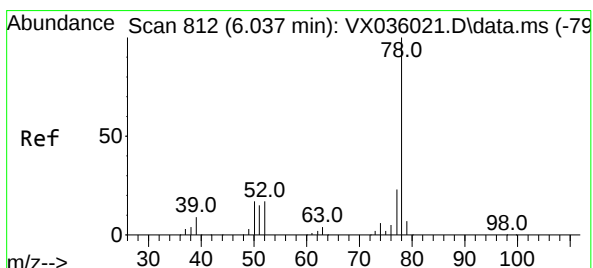
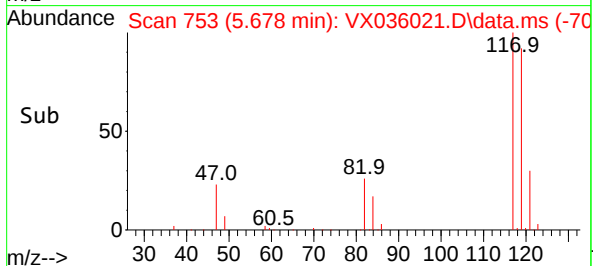
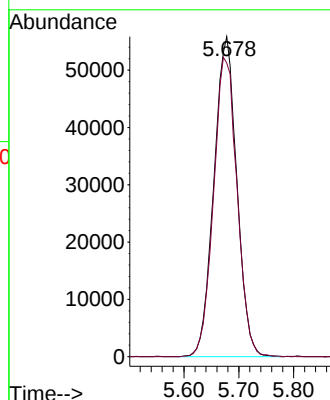
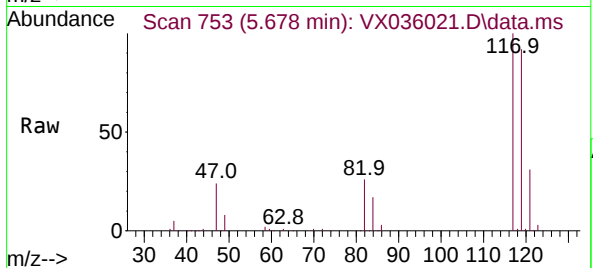




#31
Carbon tetrachloride
Concen: 56.010 ug/L
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

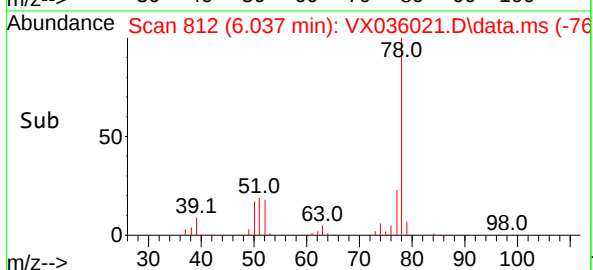
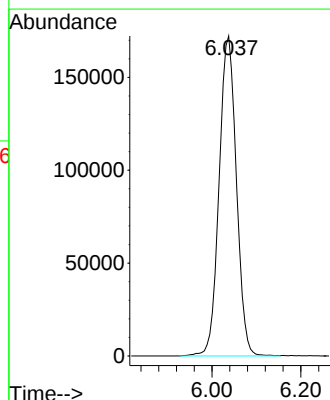
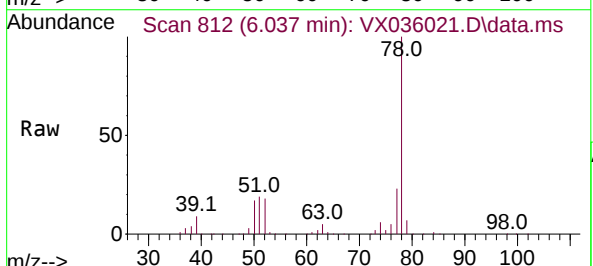
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

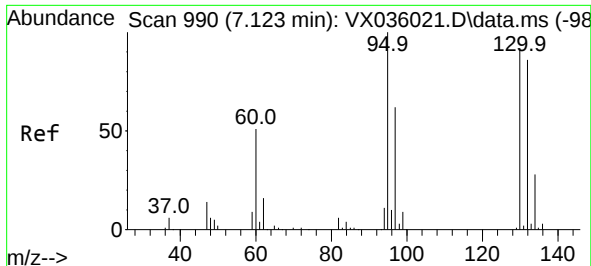
Tgt Ion:117 Resp: 162027
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 53.317 ug/L
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 78 Resp: 464066

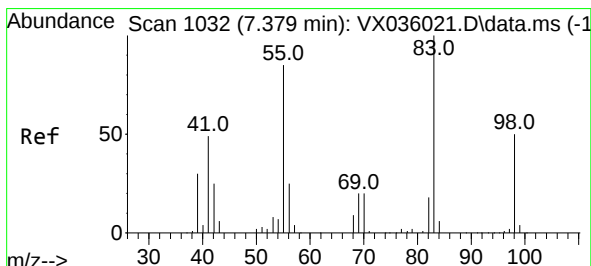
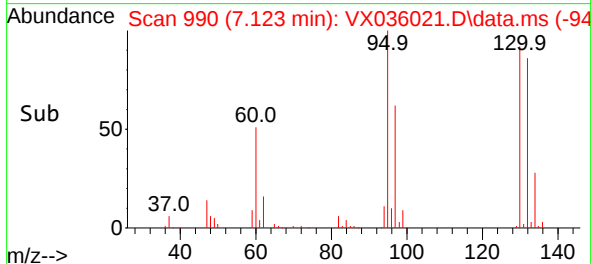
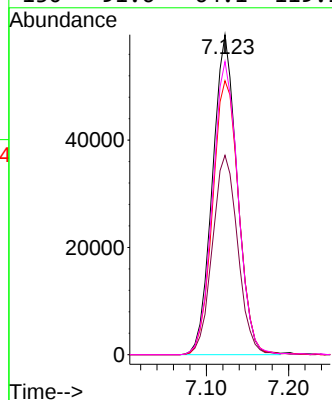
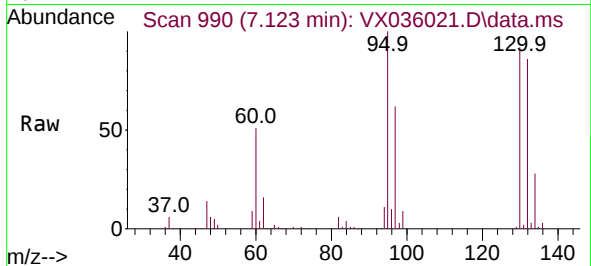




#34
Trichloroethene
Concen: 53.702 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

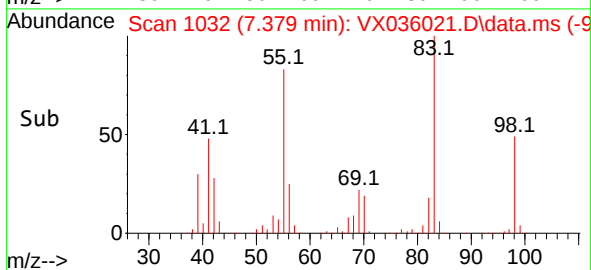
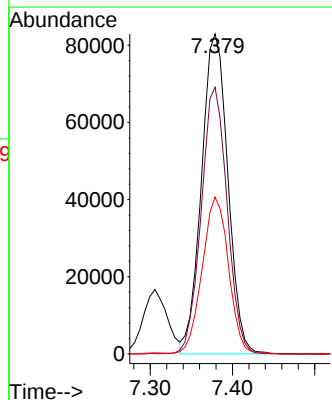
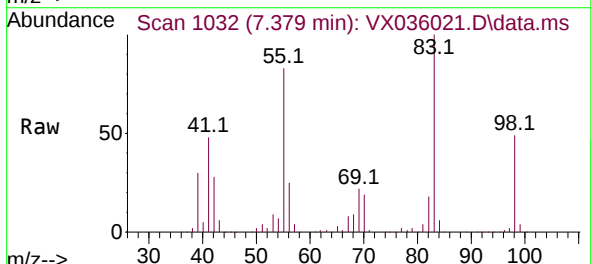
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

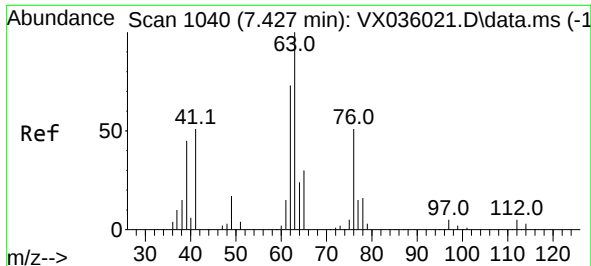
Tgt Ion: 95 Resp: 124954
Ion Ratio Lower Upper
95 100
97 62.3 43.6 81.0
132 85.6 59.9 111.3
130 91.6 64.1 119.1



#35
Methylcyclohexane
Concen: 57.927 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 83 Resp: 184878
Ion Ratio Lower Upper
83 100
55 81.8 65.4 98.2
98 48.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 53.892 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

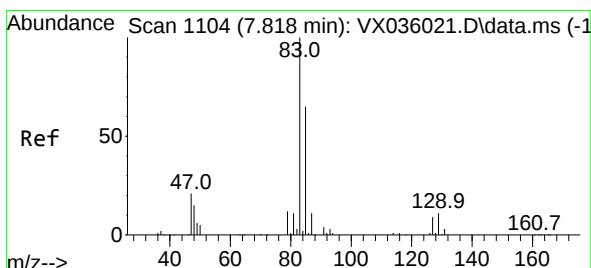
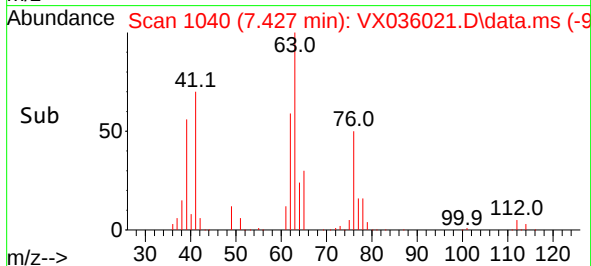
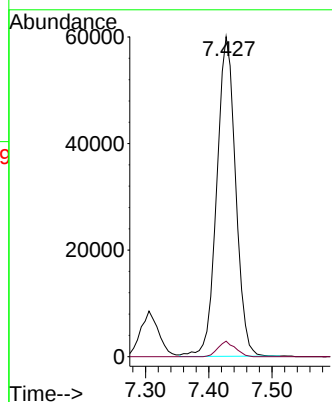
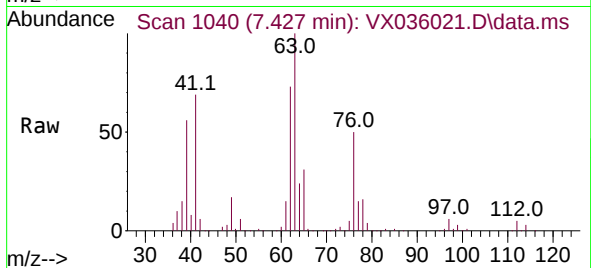
VSTD050640

Tgt Ion: 63 Resp: 123788

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 58.760 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

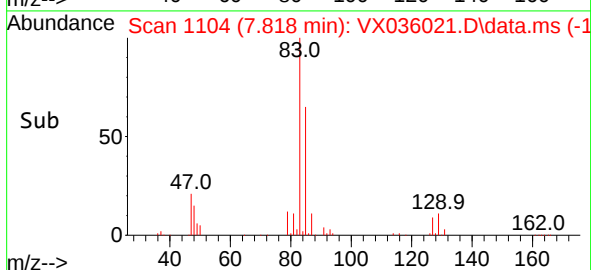
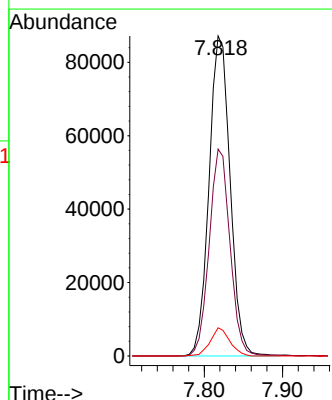
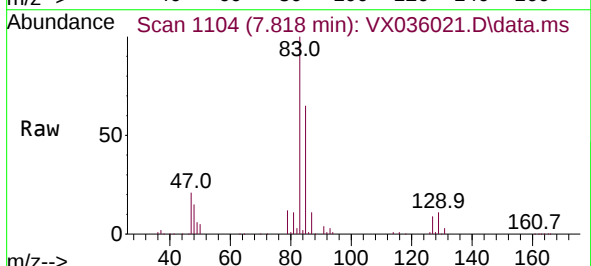
Tgt Ion: 83 Resp: 162945

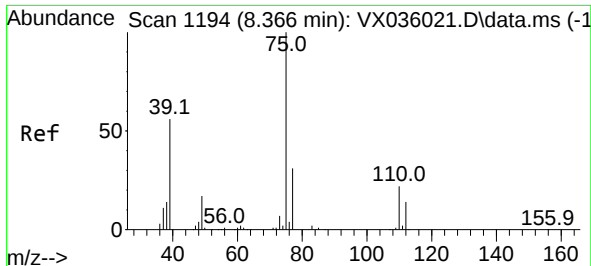
Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 57.060 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

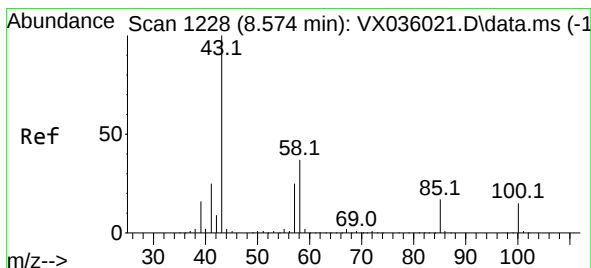
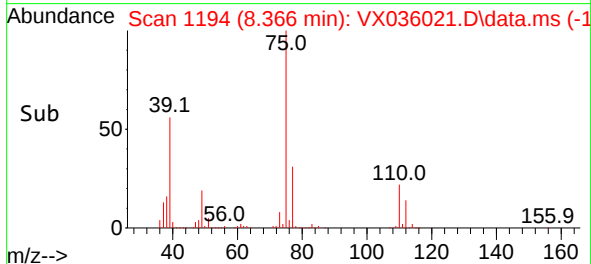
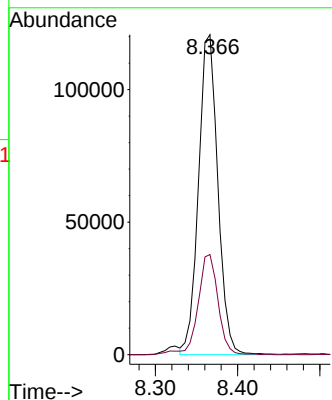
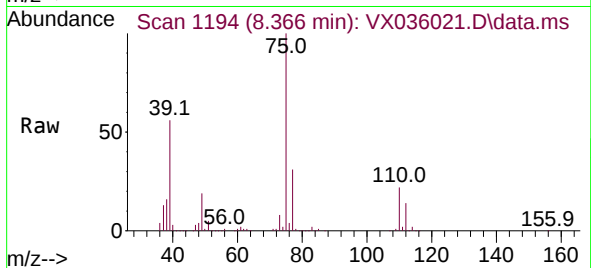
VSTD050640

Tgt Ion: 75 Resp: 197182

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 120.611 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

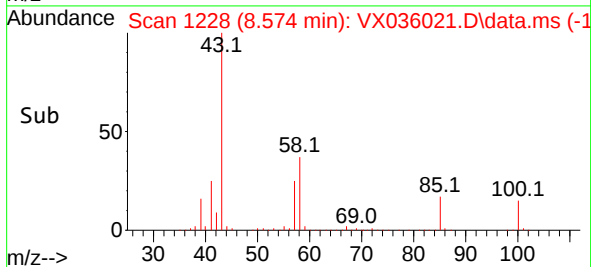
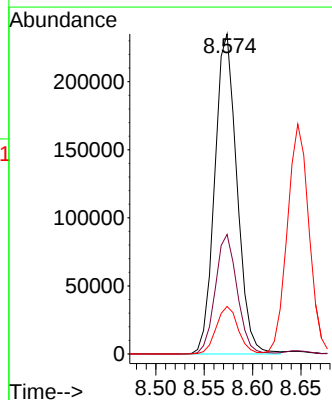
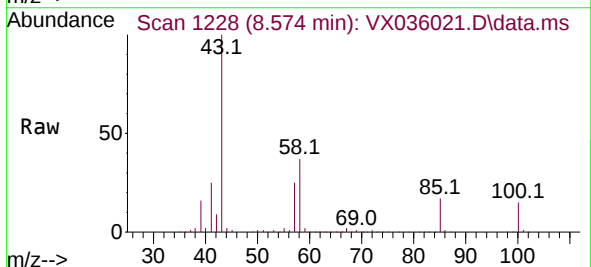
Tgt Ion: 43 Resp: 375715

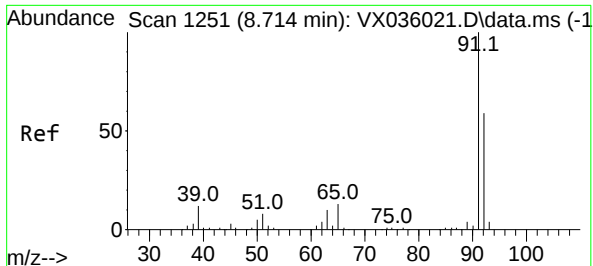
Ion Ratio Lower Upper

43 100

58 36.8 29.4 44.2

100 14.7 11.8 17.6





#42

Toluene

Concen: 54.268 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

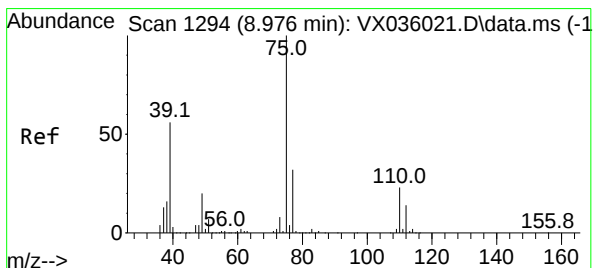
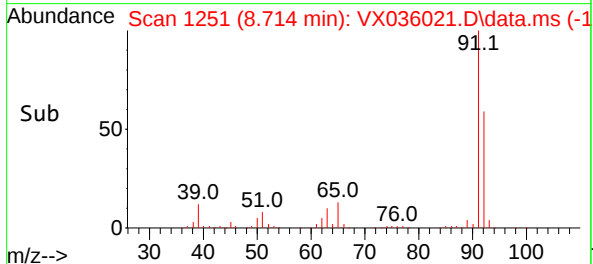
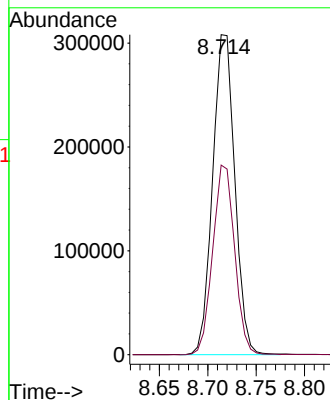
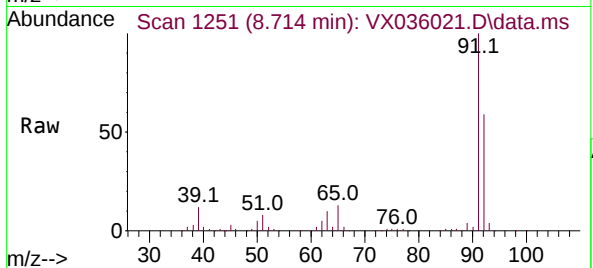
VSTD050640

Tgt Ion: 91 Resp: 491445

Ion Ratio Lower Upper

91 100

92 59.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 59.741 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036021.D

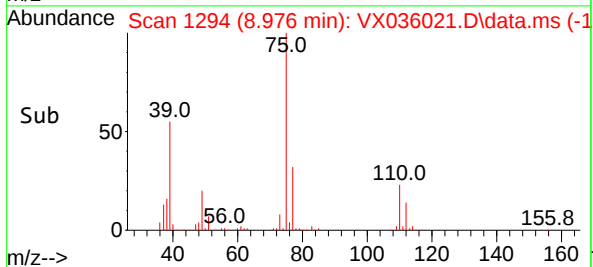
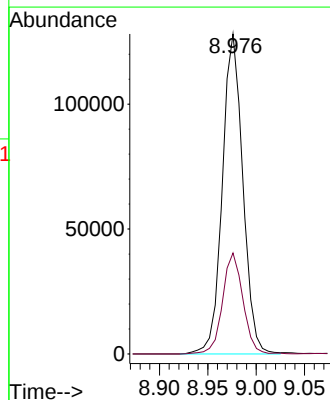
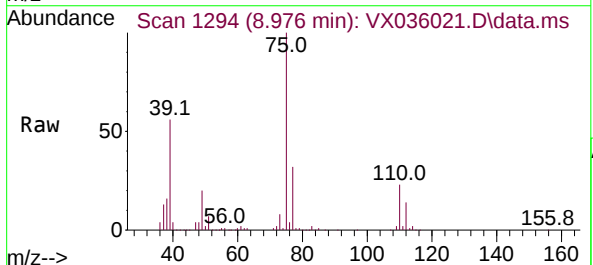
Acq: 06 Jun 2023 10:12

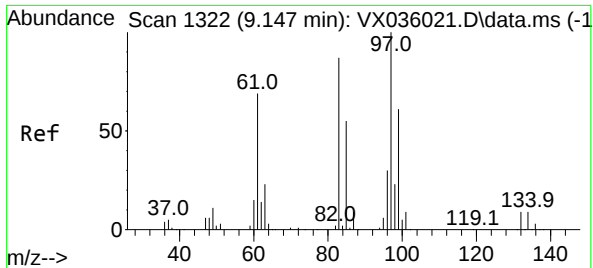
Tgt Ion: 75 Resp: 188412

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 55.060 ug/L

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050640

Tgt Ion: 97 Resp: 120782

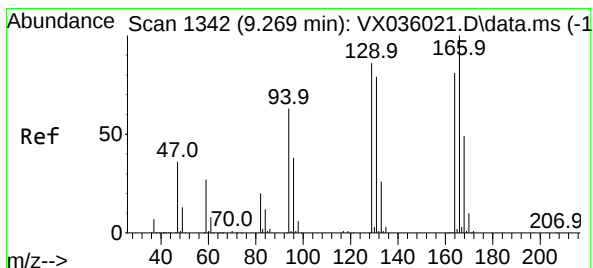
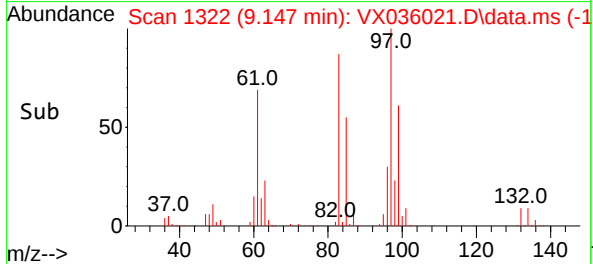
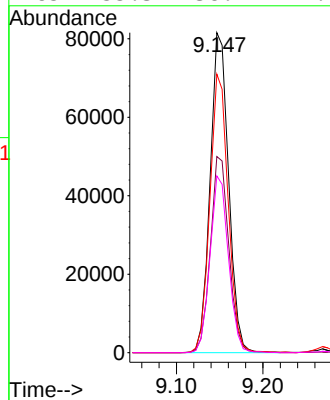
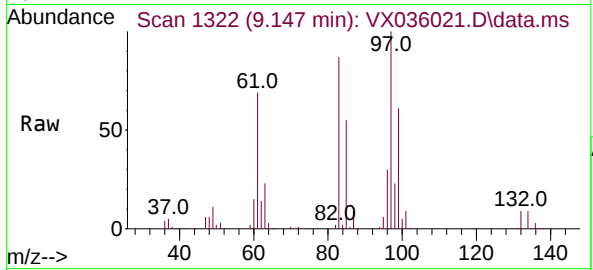
Ion Ratio Lower Upper

97 100

99 61.3 42.9 79.7

83 87.1 61.0 113.2

85 55.3 38.7 71.9



#46

Tetrachloroethene

Concen: 50.668 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Tgt Ion:164 Resp: 85951

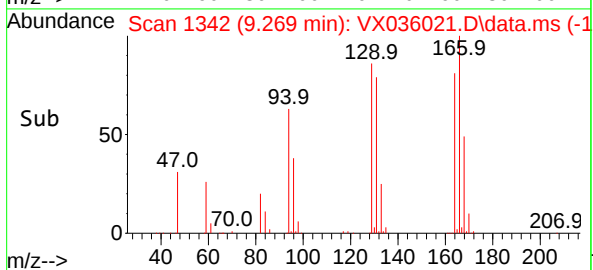
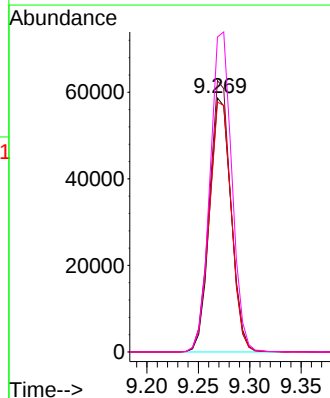
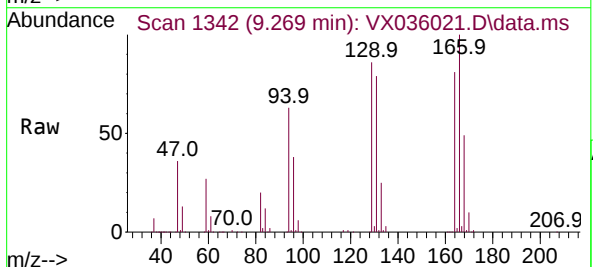
Ion Ratio Lower Upper

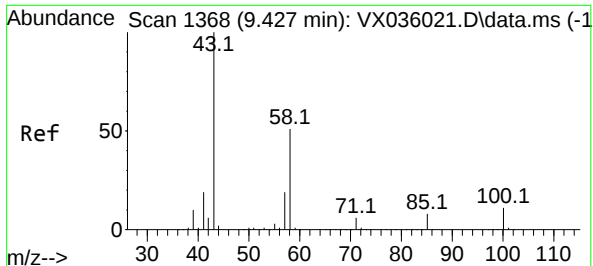
164 100

129 106.9 74.8 139.0

131 98.4 68.9 127.9

166 124.0 86.8 161.2

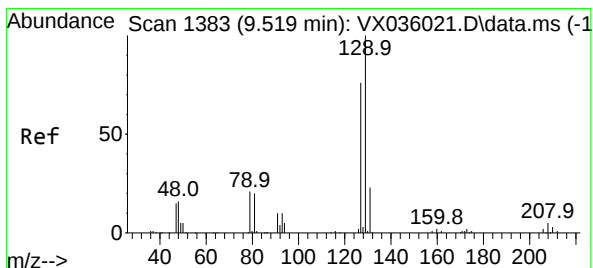
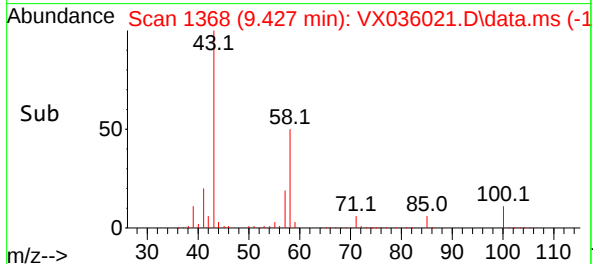
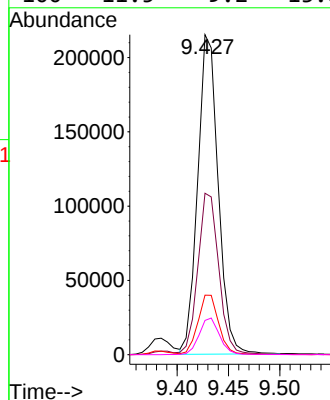
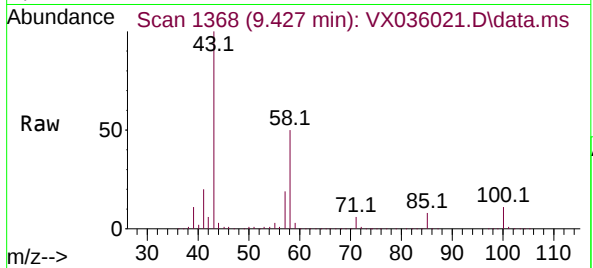




#48
2-Hexanone
Concen: 126.010 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

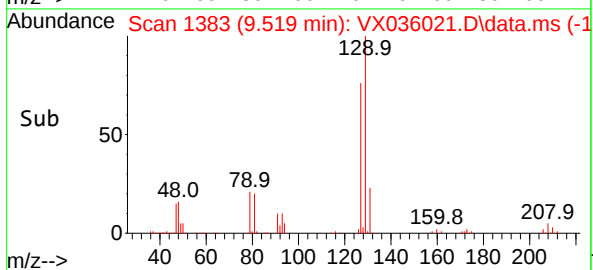
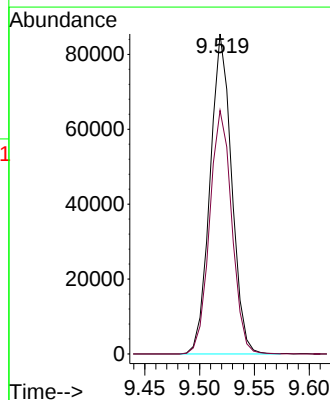
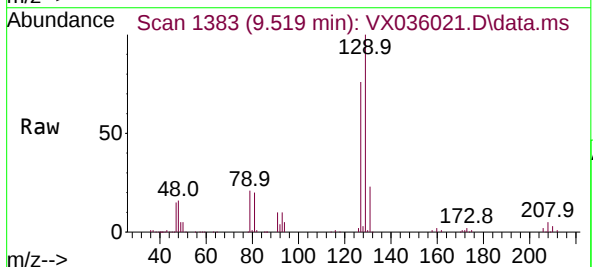
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

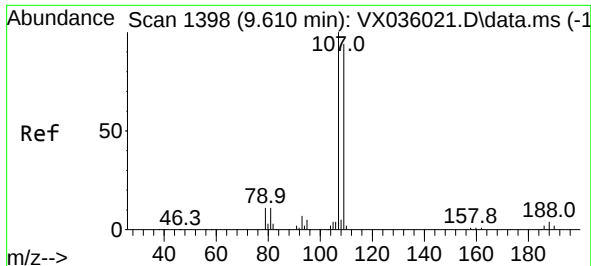
Tgt Ion:	43	Resp:	299286
Ion	Ratio	Lower	Upper
43	100		
58	51.3	41.0	61.6
57	19.0	15.2	22.8
100	11.5	9.2	13.8



#49
Dibromochloromethane
Concen: 56.194 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion:	129	Resp:	116946
Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.3	98.9

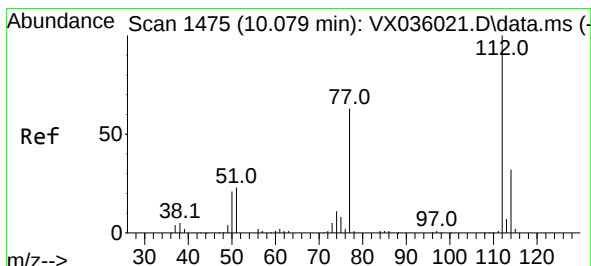
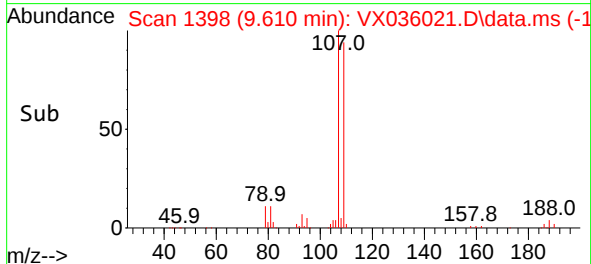
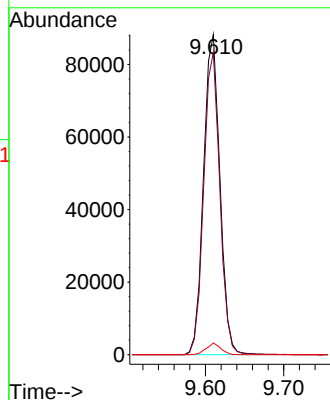
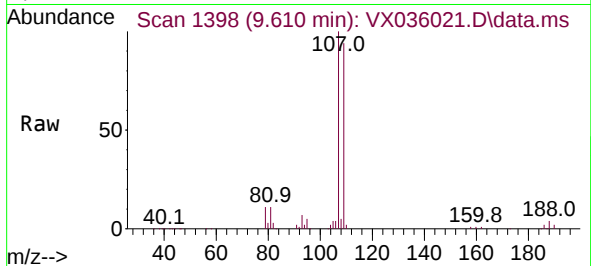




#50
1,2-Dibromoethane
Concen: 56.054 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

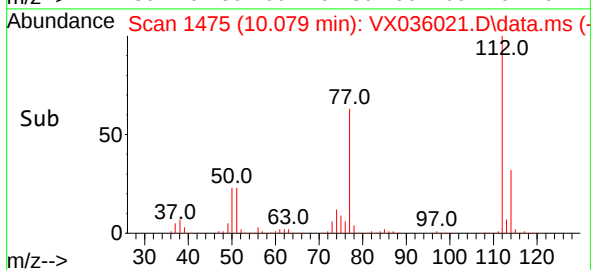
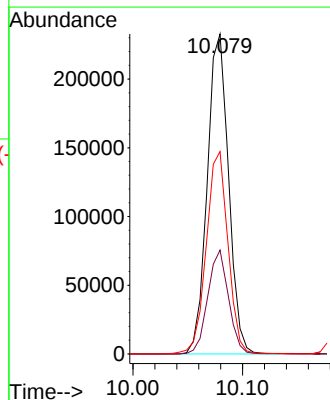
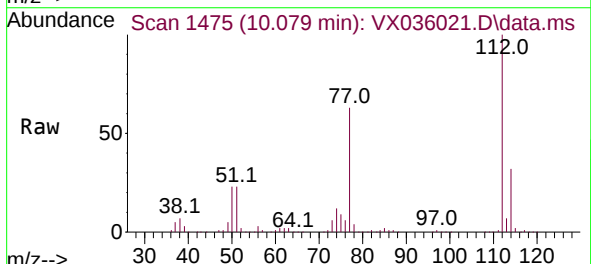
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

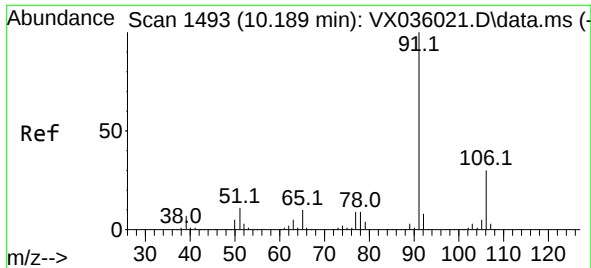
Tgt Ion:107 Resp: 128080
Ion Ratio Lower Upper
107 100
109 94.5 66.1 122.8
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 52.863 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion:112 Resp: 314437
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.3
77 63.2 50.6 75.8

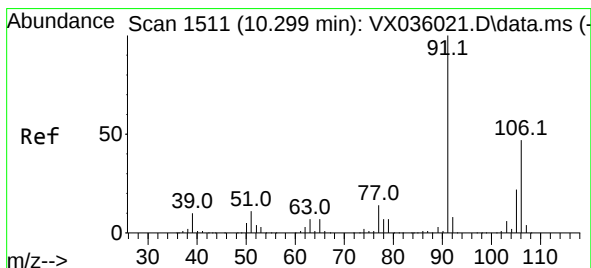
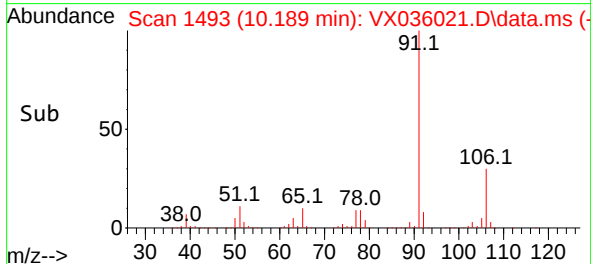
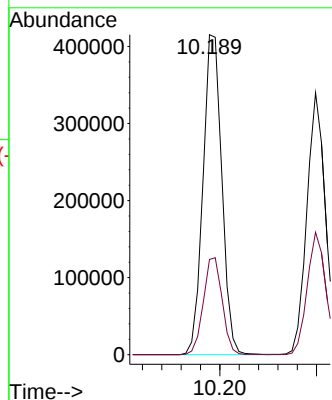
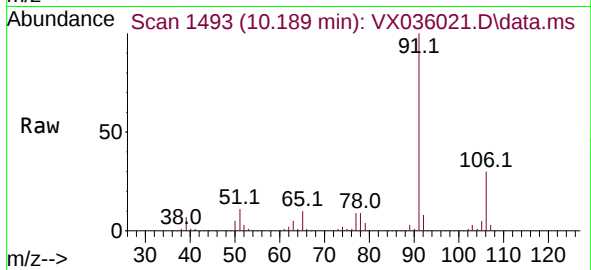




#52
Ethylbenzene
Concen: 55.845 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

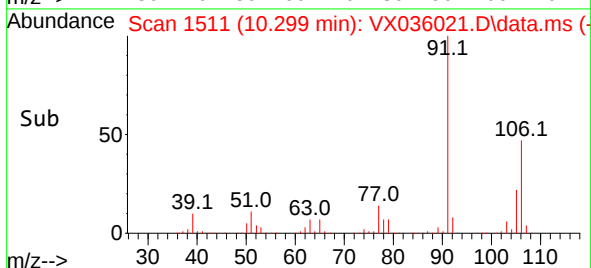
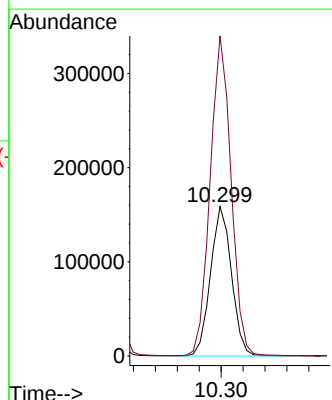
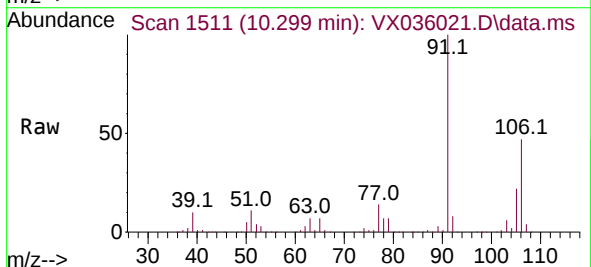
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

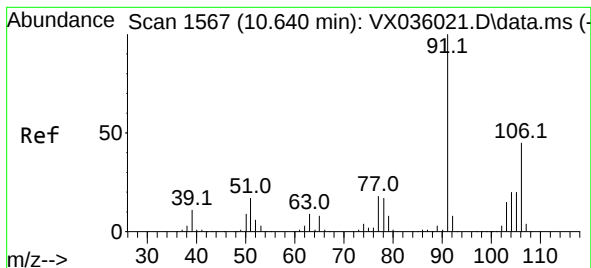
Tgt Ion: 91 Resp: 563463
Ion Ratio Lower Upper
91 100
106 29.7 20.8 38.6



#53
m,p-Xylene
Concen: 54.980 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 106 Resp: 211091
Ion Ratio Lower Upper
106 100
91 214.0 149.8 278.2





#54

o-Xylene

Concen: 55.008 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

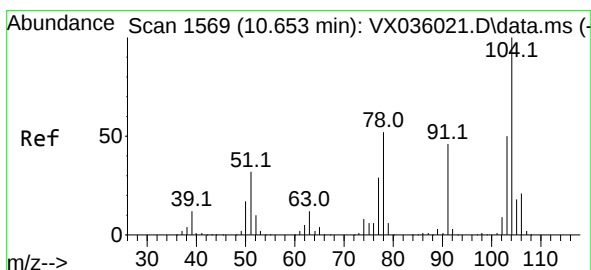
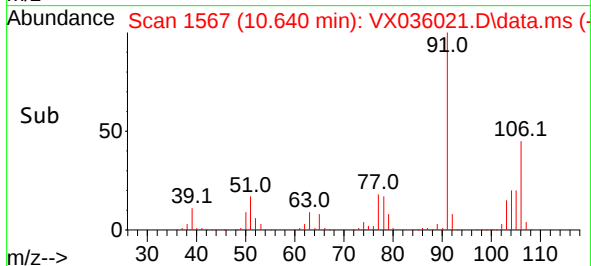
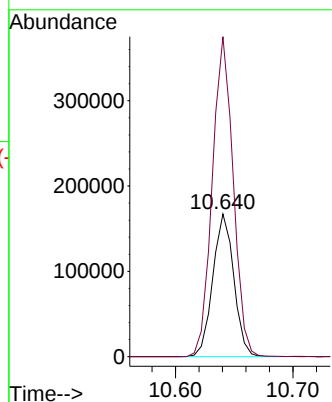
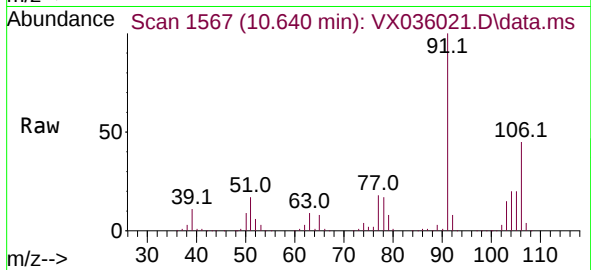
VSTD050640

Tgt Ion:106 Resp: 207904

Ion Ratio Lower Upper

106 100

91 224.2 156.9 291.5



#55

Styrene

Concen: 55.864 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036021.D

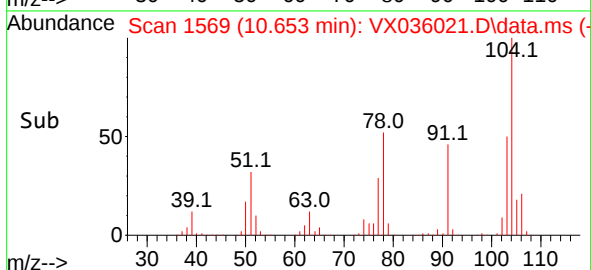
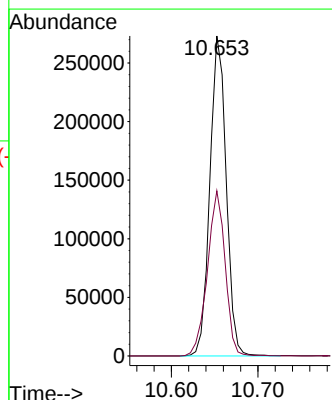
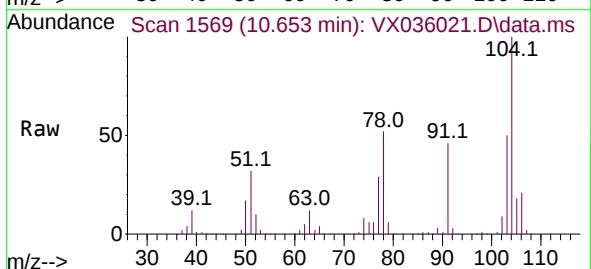
Acq: 06 Jun 2023 10:12

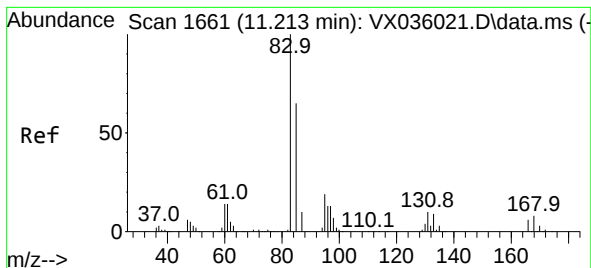
Tgt Ion:104 Resp: 357764

Ion Ratio Lower Upper

104 100

78 51.6 36.1 67.1

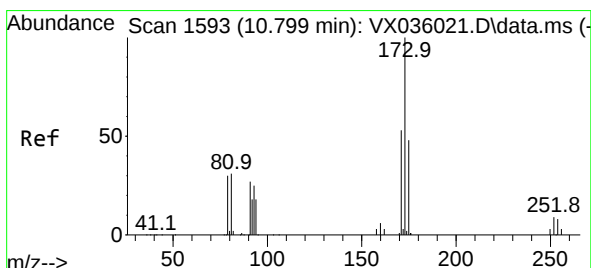
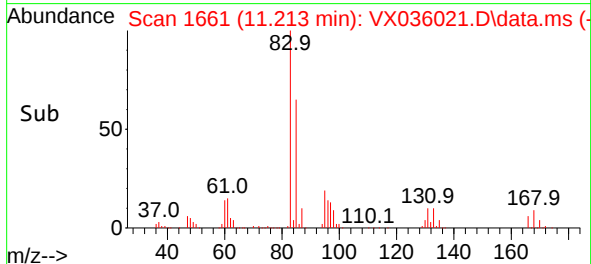
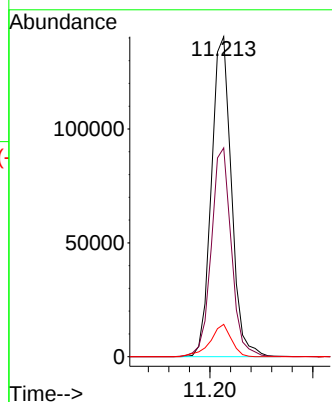
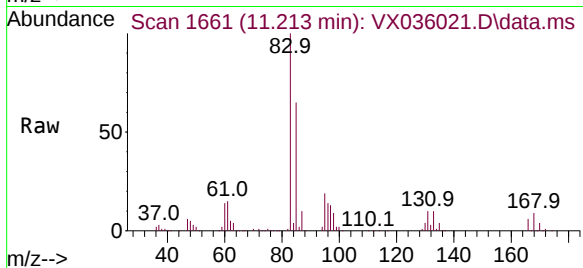




#57
1,1,2,2-Tetrachloroethane
Concen: 57.980 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

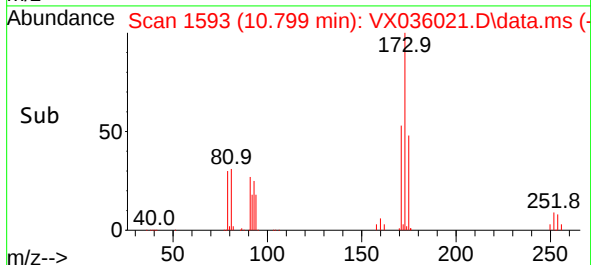
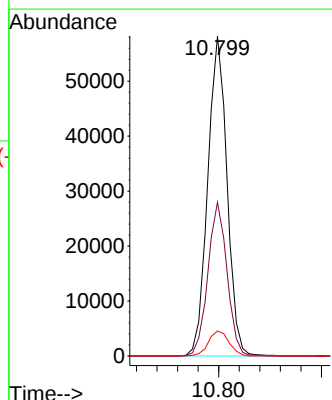
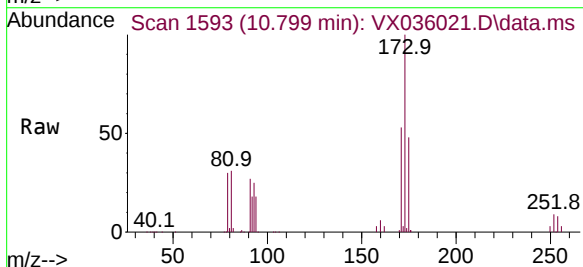
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

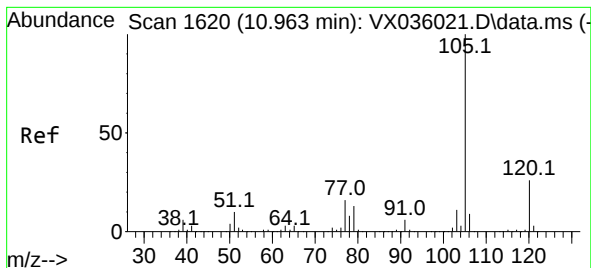
Tgt Ion: 83 Resp: 189547
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.8
131 10.1 8.1 12.1



#59
Bromoform
Concen: 50.822 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion:173 Resp: 75953
Ion Ratio Lower Upper
173 100
175 47.7 38.2 57.2
254 8.3 6.6 10.0





#60

Isopropylbenzene

Concen: 54.307 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050640

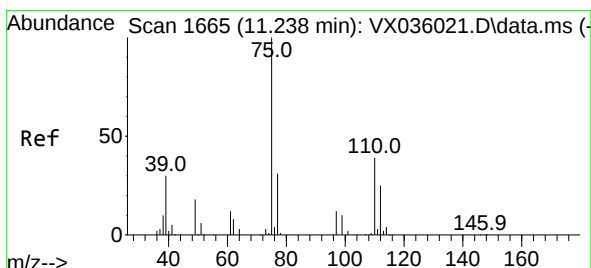
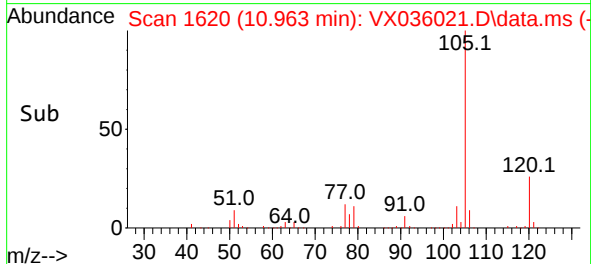
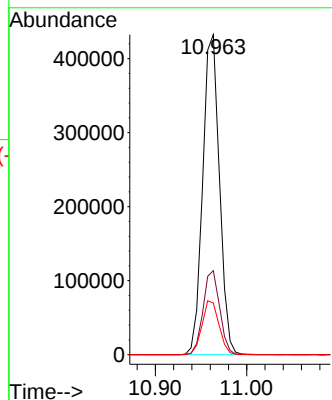
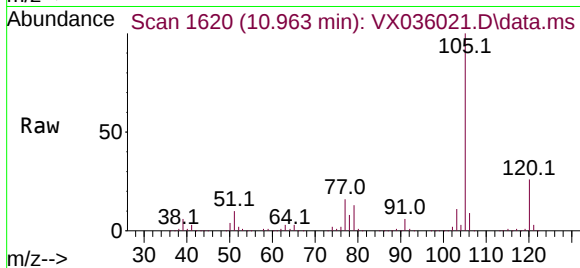
Tgt Ion:105 Resp: 548009

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3

77 17.1 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 55.550 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

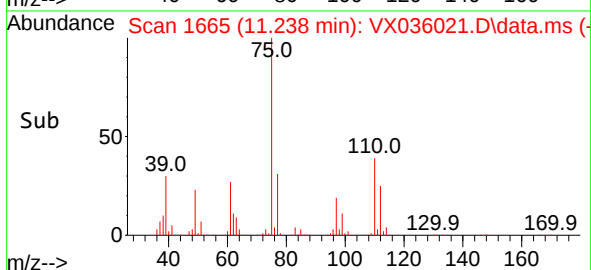
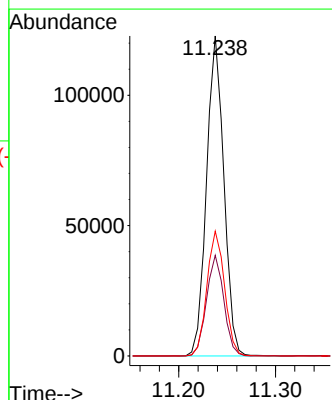
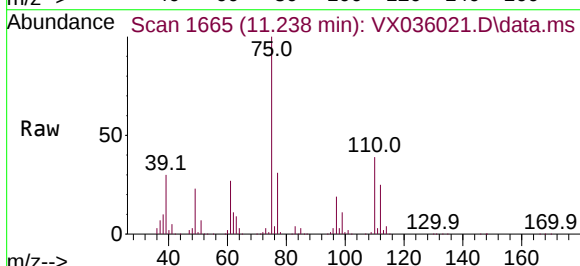
Tgt Ion: 75 Resp: 153291

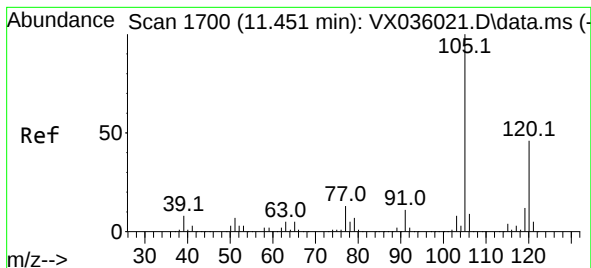
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

110 39.7 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 55.995 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

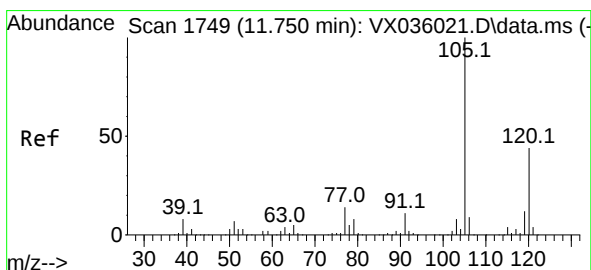
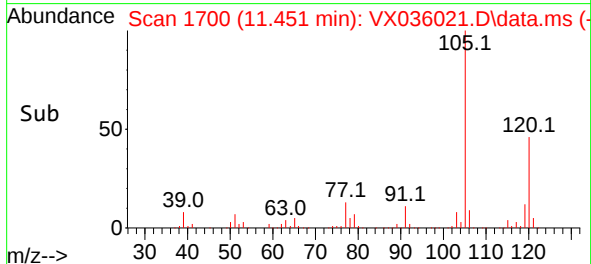
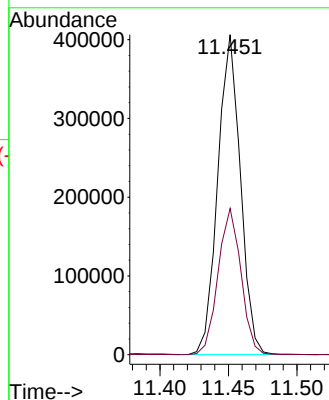
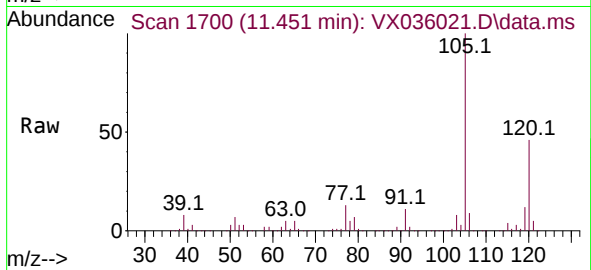
VSTD050640

Tgt Ion:105 Resp: 465520

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.4



#63

1,2,4-Trimethylbenzene

Concen: 52.830 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX036021.D

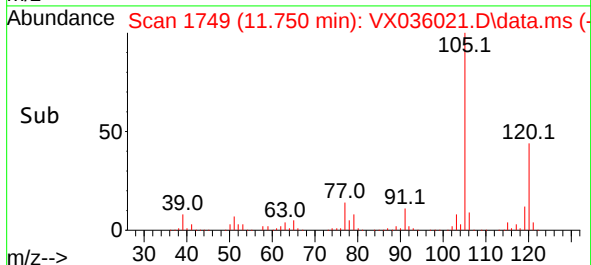
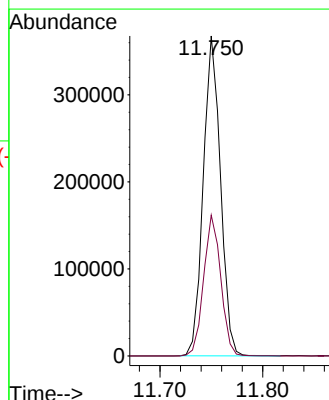
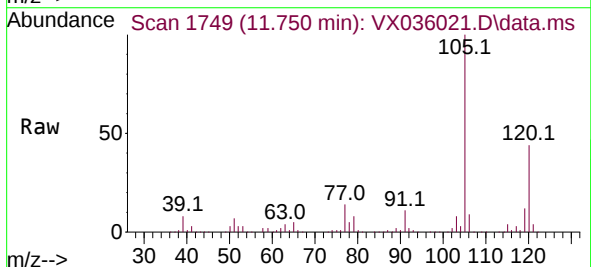
Acq: 06 Jun 2023 10:12

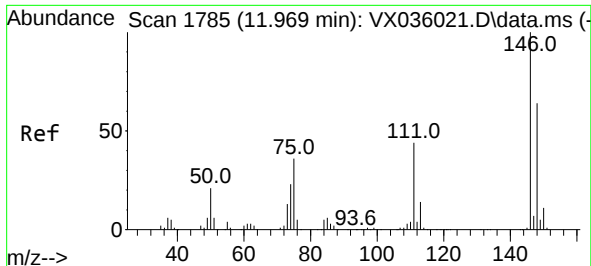
Tgt Ion:105 Resp: 428348

Ion Ratio Lower Upper

105 100

120 43.8 35.0 52.6

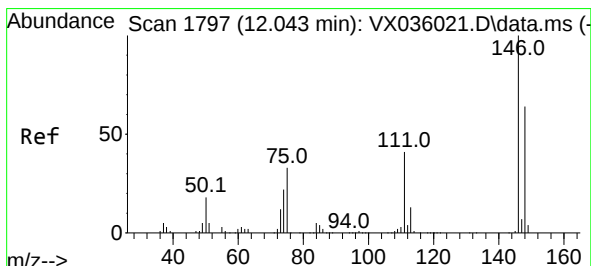
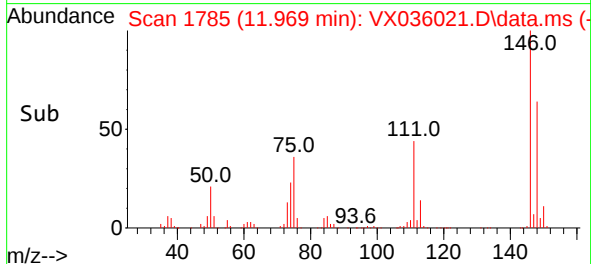
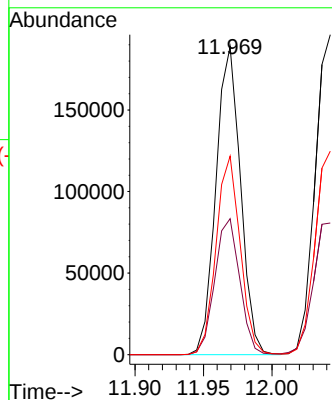
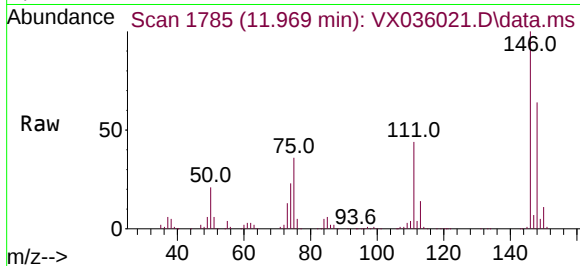




#64
1,3-Dichlorobenzene
Concen: 51.756 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

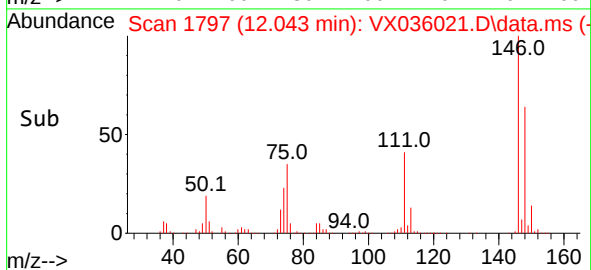
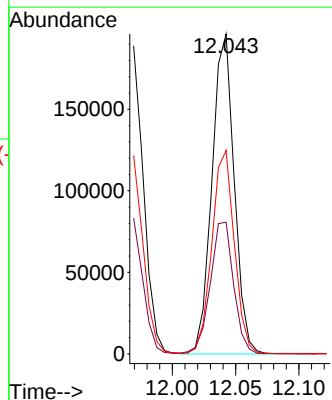
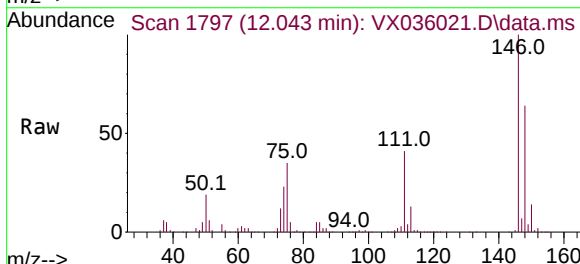
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

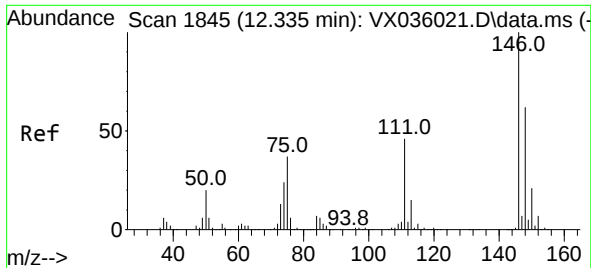
Tgt Ion:146 Resp: 235605
Ion Ratio Lower Upper
146 100
111 44.1 30.9 57.3
148 64.5 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 51.501 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion:146 Resp: 239911
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 63.6 44.5 82.7

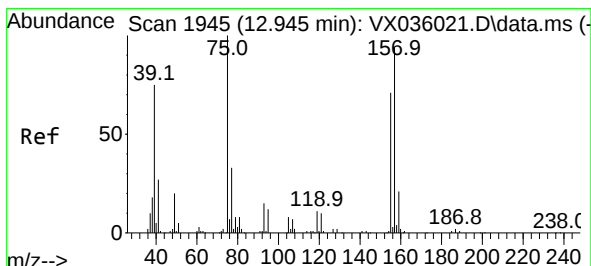
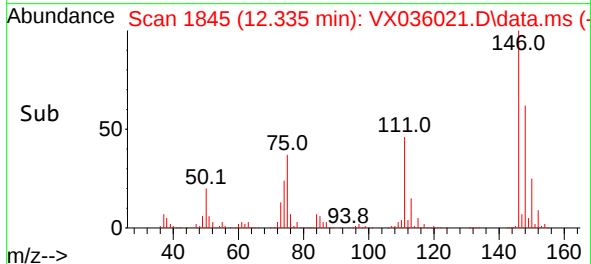
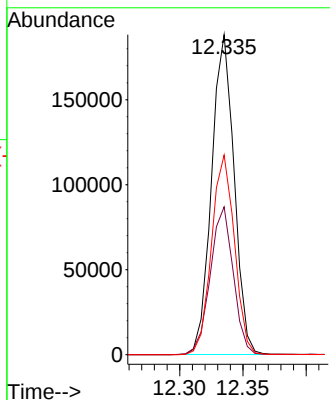
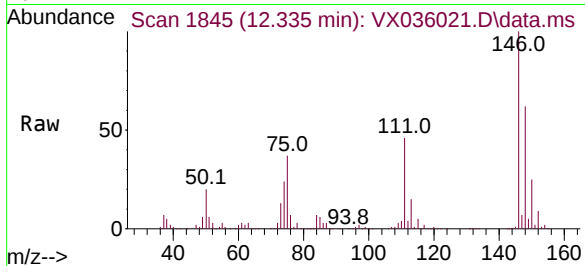




#67
1,2-Dichlorobenzene
Concen: 50.692 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

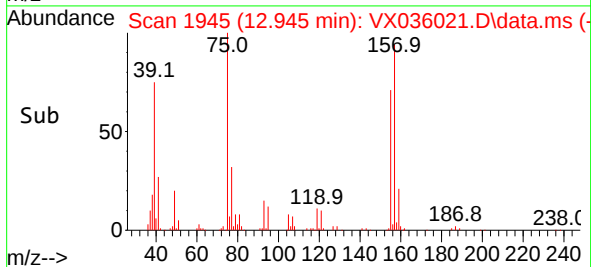
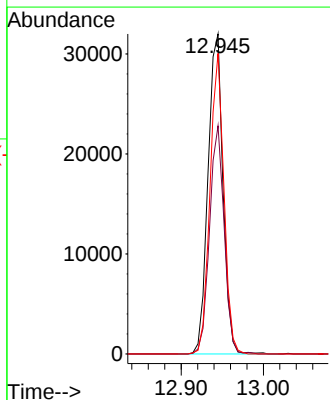
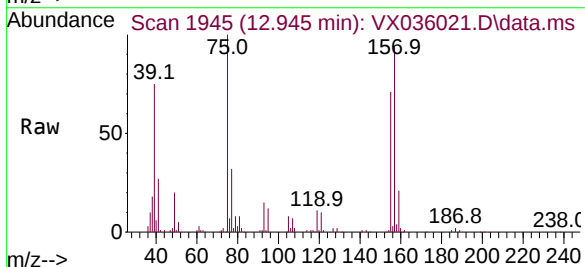
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

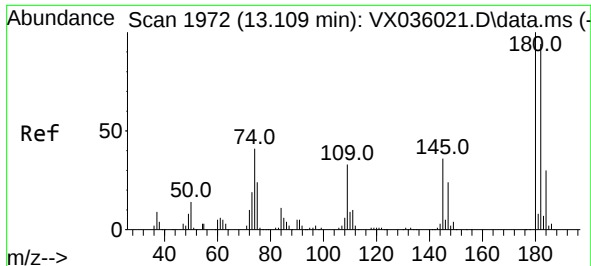
Tgt Ion:146 Resp: 233326
Ion Ratio Lower Upper
146 100
111 46.2 37.0 55.4
148 62.4 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 59.226 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion: 75 Resp: 40545
Ion Ratio Lower Upper
75 100
155 71.3 57.0 85.6
157 94.0 75.2 112.8

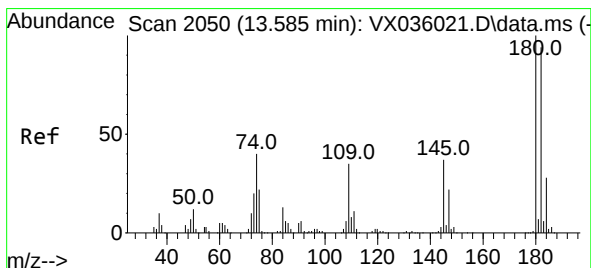
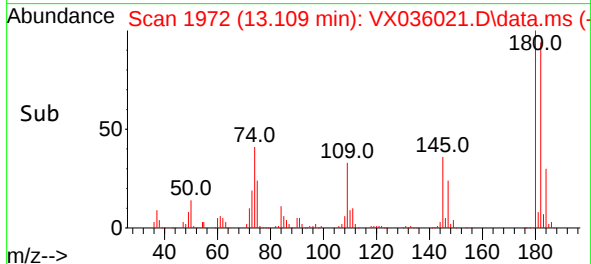
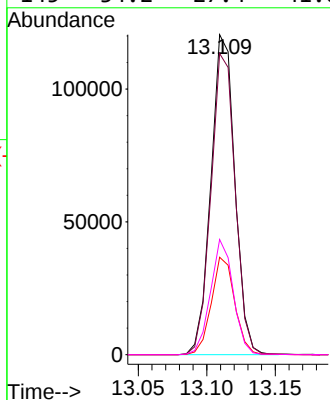
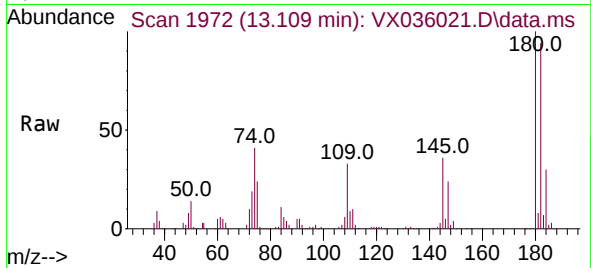




#69
1,3,5-Trichlorobenzene
Concen: 51.984 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

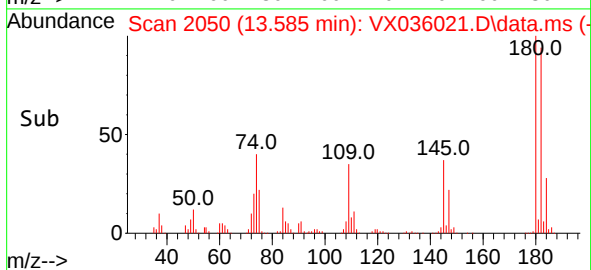
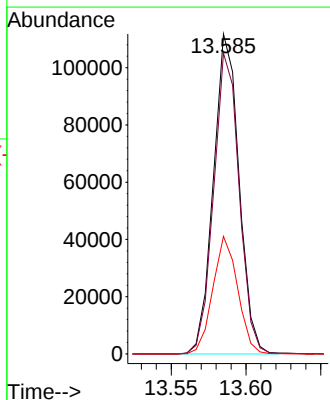
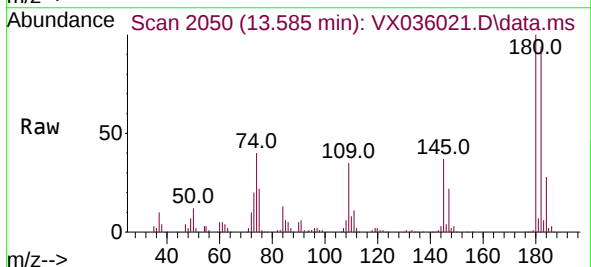
Instrument :
MSVOA_X
ClientSampleId :
VSTD050640

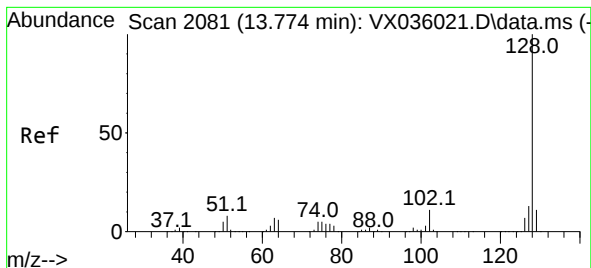
Tgt Ion:180 Resp: 146278
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
184 29.8 23.8 35.8
145 34.2 27.4 41.0



#70
1,2,4-trichlorobenzene
Concen: 50.808 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036021.D
Acq: 06 Jun 2023 10:12

Tgt Ion:180 Resp: 133126
Ion Ratio Lower Upper
180 100
182 93.3 74.6 112.0
145 35.7 28.6 42.8





#71

Naphthalene

Concen: 48.807 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Instrument :

MSVOA_X

ClientSampleId :

VSTD050640

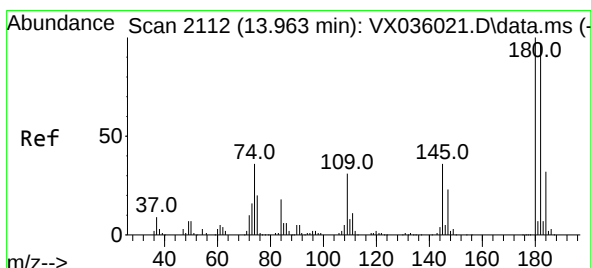
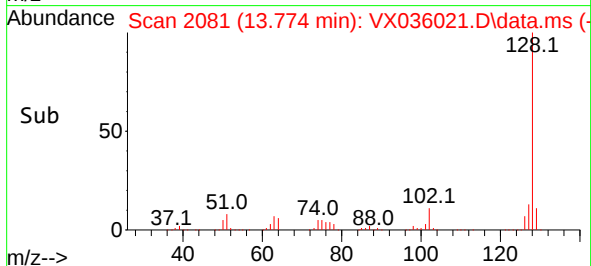
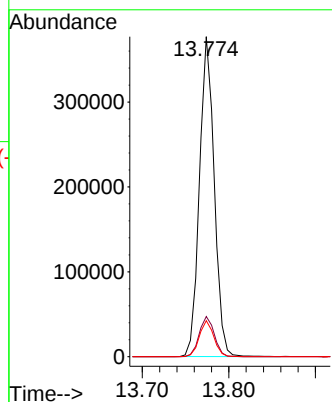
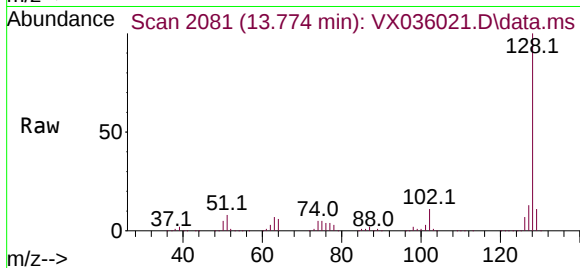
Tgt Ion:128 Resp: 446373

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 50.935 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX036021.D

Acq: 06 Jun 2023 10:12

Tgt Ion:180 Resp: 131198

Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

145 36.7 29.4 44.0

