

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039106.D
 Acq On : 08 Dec 2023 15:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050699

Quant Time: Dec 09 03:36:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:19:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	249868	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	233128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	115203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91636	46.757	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.520%		
7) Chloroethane-d5	1.666	69	68706	47.429	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.860%		
11) 1,1-Dichloroethene-d2	2.307	65	40393	46.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.900%		
21) 2-Butanone-d5	4.446	46	182844	103.067	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.070%		
24) Chloroform-d	5.050	84	175686	50.639	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.280%		
26) 1,2-Dichloroethane-d4	5.952	65	111578	49.660	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.320%		
32) Benzene-d6	5.971	84	351933	48.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.820%		
36) 1,2-Dichloropropane-d6	7.306	67	116123	50.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.300%		
41) Toluene-d8	8.647	98	312894	47.989	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.980%		
43) trans-1,3-Dichloroprop...	8.946	79	57338	48.662	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.320%		
47) 2-Hexanone-d5	9.378	63	143118	103.489	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.490%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	171056	52.077	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.160%		
66) 1,2-Dichlorobenzene-d4	12.317	152	107792	49.502	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	98960	49.662	ug/L	100
3) Chloromethane	1.295	50	103193	49.546	ug/L	97
5) Vinyl chloride	1.374	62	100284	48.854	ug/L	99
6) Bromomethane	1.605	94	59526	53.725	ug/L	99
8) Chloroethane	1.691	64	57714	49.732	ug/L	93
9) Trichlorofluoromethane	1.886	101	130066	48.890	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	83860	49.004	ug/L	98
12) 1,1-Dichloroethene	2.319	96	80954	50.292	ug/L	90
13) Acetone	2.374	43	140161	82.241	ug/L	99
14) Carbon disulfide	2.514	76	248397	48.494	ug/L	100
15) Methyl Acetate	2.697	43	125854	51.665	ug/L	100
16) Methylene chloride	2.788	84	92651	50.098	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	85162	50.213	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	301756	51.115	ug/L	99
19) 1,1-Dichloroethane	3.605	63	169718	50.609	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	99555	50.608	ug/L	99
22) 2-Butanone	4.544	43	202446	96.792	ug/L	99
23) Bromochloromethane	4.898	128	46618	50.412	ug/L	97
25) Chloroform	5.087	83	170524	50.980	ug/L	100

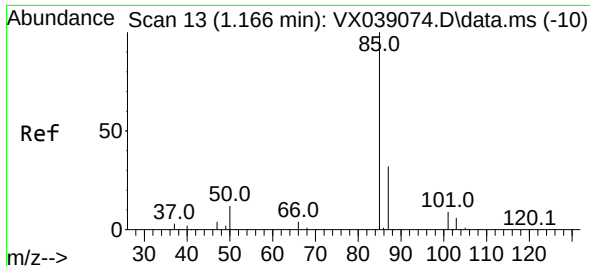
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	137154	51.952	ug/L	97
29) Cyclohexane	5.471	56	157066	48.162	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	141169	49.908	ug/L	100
31) Carbon tetrachloride	5.672	117	114979	48.721	ug/L	99
33) Benzene	6.038	78	378894	51.142	ug/L	100
34) Trichloroethene	7.123	95	98463	50.290	ug/L	97
35) Methylcyclohexane	7.379	83	152081	46.639	ug/L	98
37) 1,2-Dichloropropane	7.428	63	106709	51.934	ug/L	100
38) Bromodichloromethane	7.818	83	126767	50.725	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	161756	49.360	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	357603	103.846	ug/L	99
42) Toluene	8.714	91	392051	49.903	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	154361	50.758	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	96611	51.308	ug/L	98
46) Tetrachloroethene	9.275	164	64382	49.848	ug/L	98
48) 2-Hexanone	9.427	43	284071	98.562	ug/L	100
49) Dibromochloromethane	9.519	129	95142	51.865	ug/L	97
50) 1,2-Dibromoethane	9.610	107	104586	51.845	ug/L	100
51) Chlorobenzene	10.080	112	243019	50.078	ug/L	99
52) Ethylbenzene	10.195	91	439242	50.011	ug/L	99
53) m,p-Xylene	10.299	106	159366	48.530	ug/L	99
54) o-Xylene	10.640	106	158600	50.333	ug/L	98
55) Styrene	10.653	104	272330	50.511	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	170292	51.821	ug/L	98
59) Bromoform	10.799	173	69185	51.099	ug/L	99
60) Isopropylbenzene	10.964	105	422660	50.209	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	130669	51.778	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	353571	49.751	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	348692	50.037	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	181170	50.282	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	181709	49.768	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	174002	50.485	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	39851	50.597	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	118157	49.587	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109428	48.715	ug/L	99
71) Naphthalene	13.774	128	395519	51.341	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	107750	49.539	ug/L	99

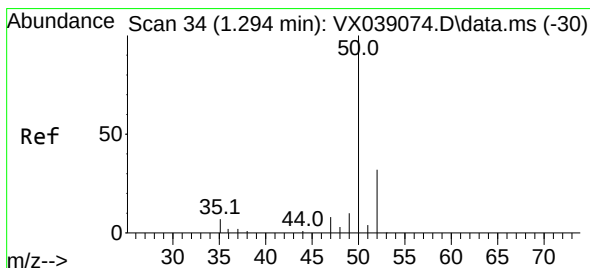
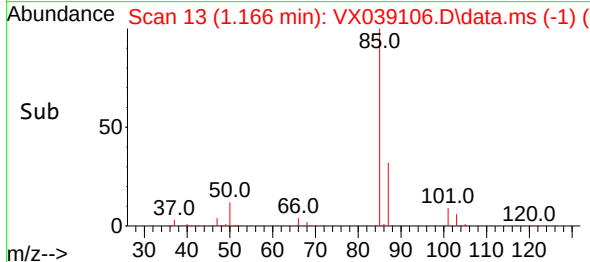
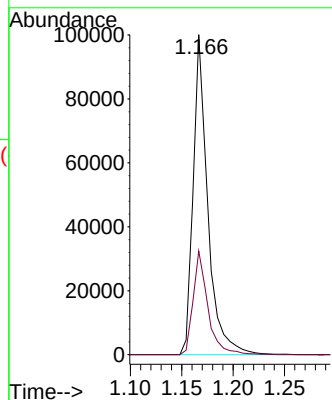
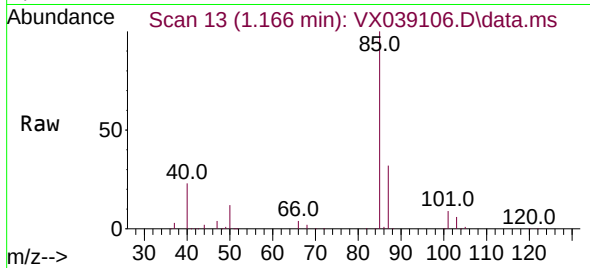
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 49.662 ug/L
RT: 1.166 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039106.D
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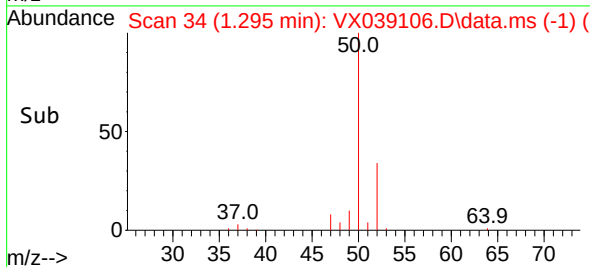
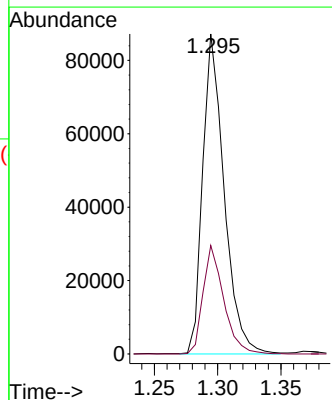
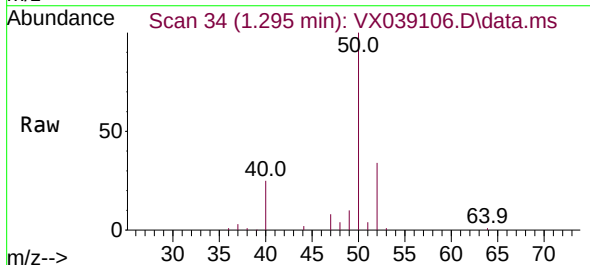
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

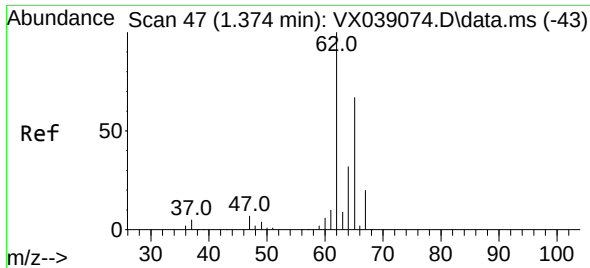
Tgt Ion: 85 Resp: 98960
Ion Ratio Lower Upper
85 100
87 32.8 26.2 39.4



#3
Chloromethane
Concen: 49.546 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 50 Resp: 103193
Ion Ratio Lower Upper
50 100
52 33.9 22.4 41.6

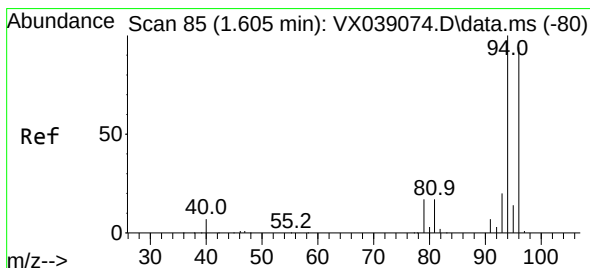
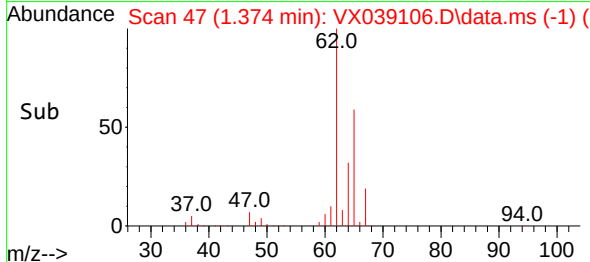
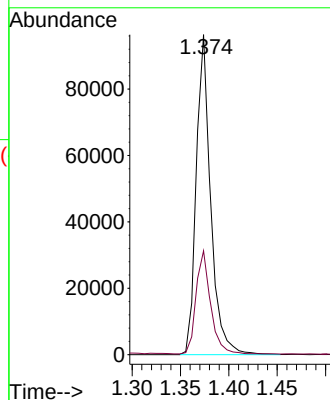
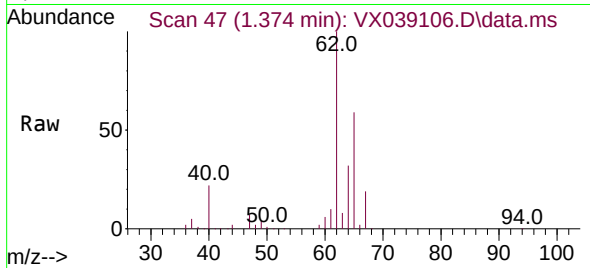




#5
 Vinyl chloride
 Concen: 48.854 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX039106.D
 Acq: 08 Dec 2023 15:41

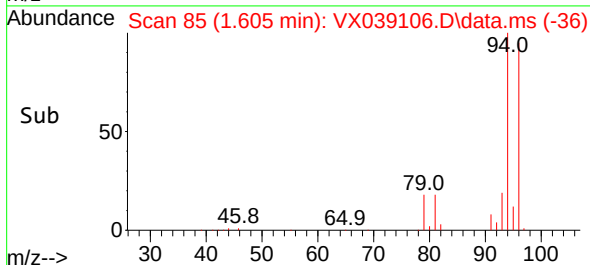
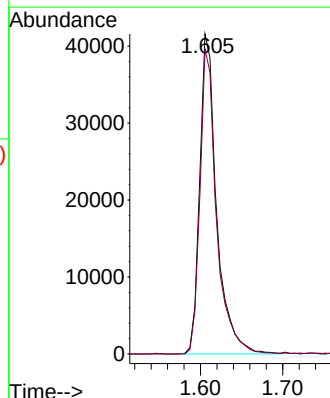
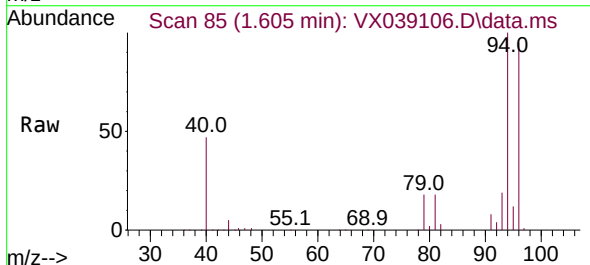
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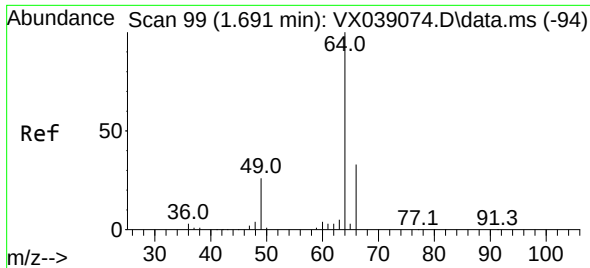
Tgt Ion: 62 Resp: 100284
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.3 41.3



#6
 Bromomethane
 Concen: 53.725 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VX039106.D
 Acq: 08 Dec 2023 15:41

Tgt Ion: 94 Resp: 59526
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.8 122.2

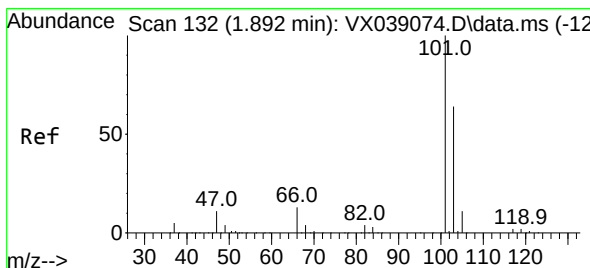
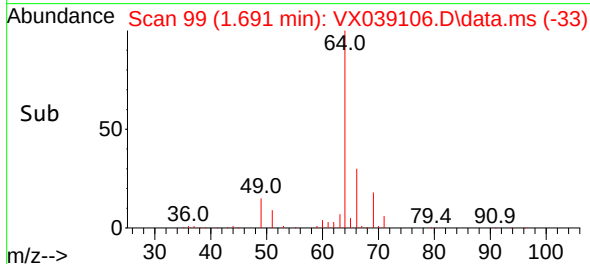
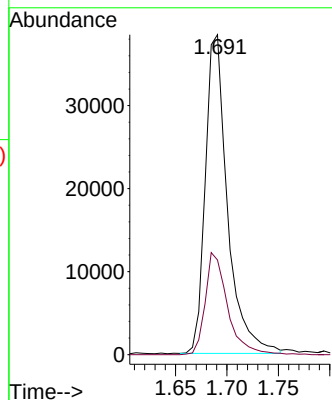
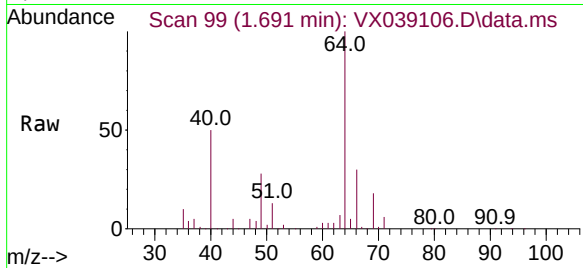




#8
Chloroethane
Concen: 49.732 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

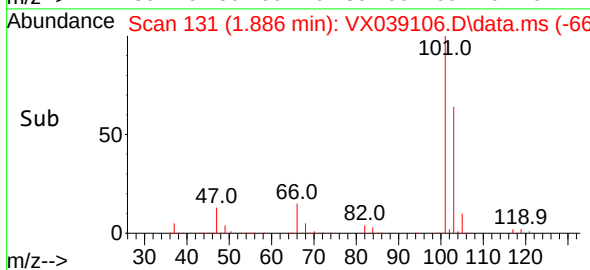
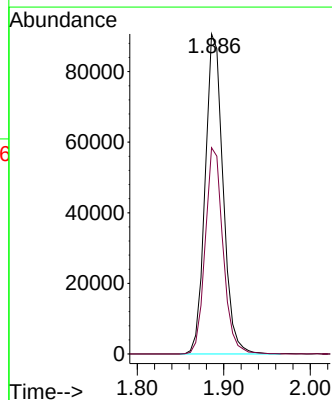
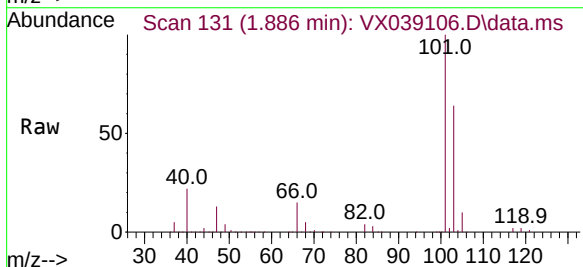
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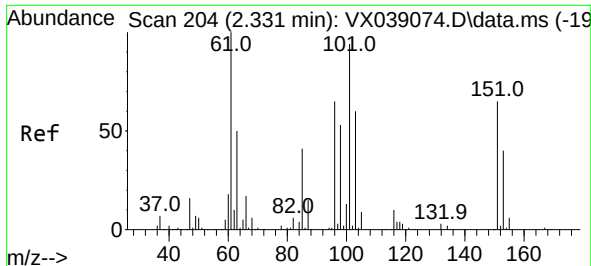
Tgt Ion: 64 Resp: 57714
Ion Ratio Lower Upper
64 100
66 29.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 48.890 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion:101 Resp: 130066
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

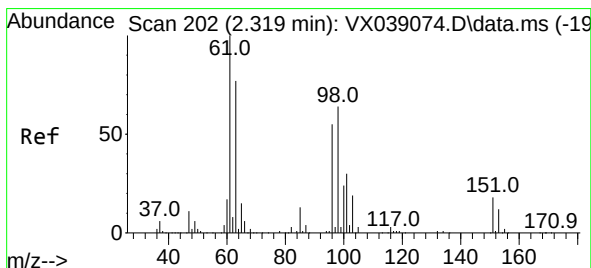
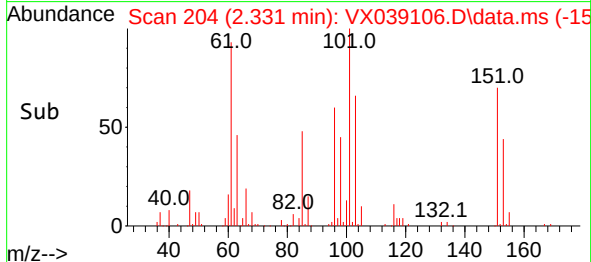
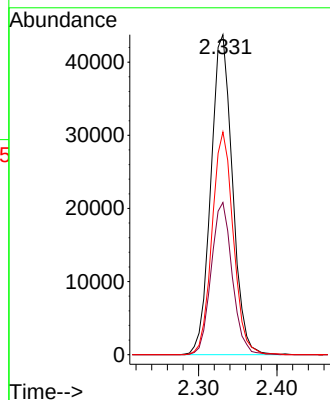
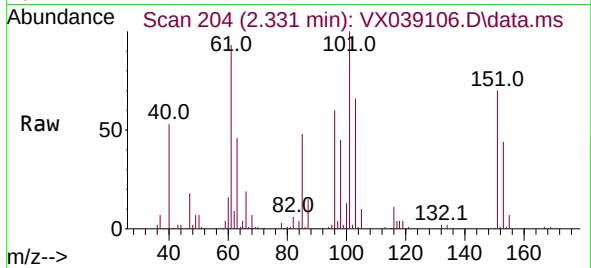




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.004 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039106.D
 Acq: 08 Dec 2023 15:41

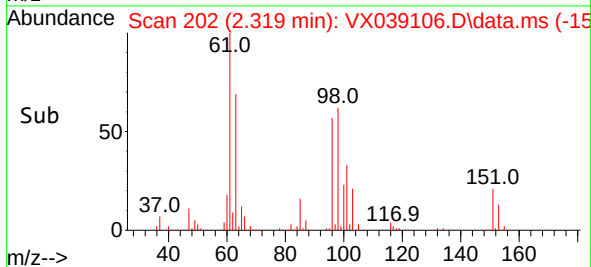
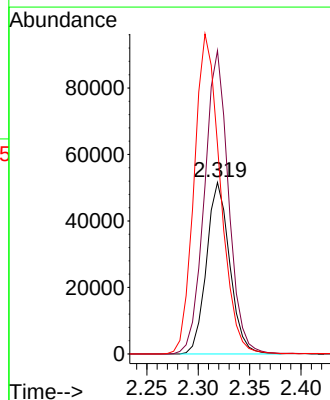
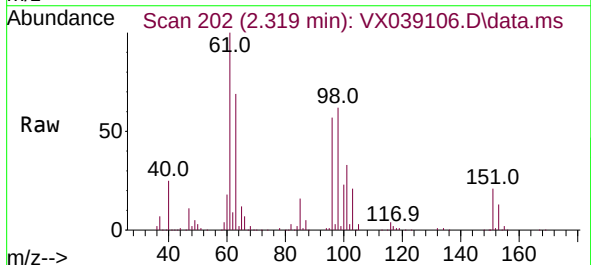
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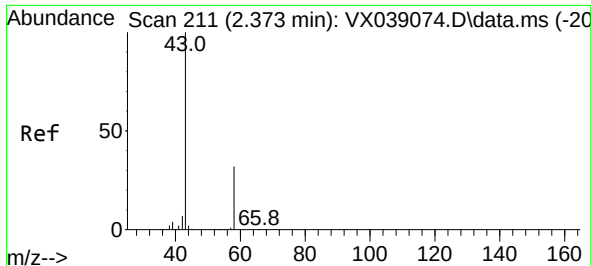
Tgt Ion:101 Resp: 83860
 Ion Ratio Lower Upper
 101 100
 85 46.3 35.8 53.6
 151 68.4 55.4 83.2



#12
 1,1-Dichloroethene
 Concen: 50.292 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039106.D
 Acq: 08 Dec 2023 15:41

Tgt Ion: 96 Resp: 80954
 Ion Ratio Lower Upper
 96 100
 61 176.8 128.0 237.6
 63 122.1 101.5 188.5

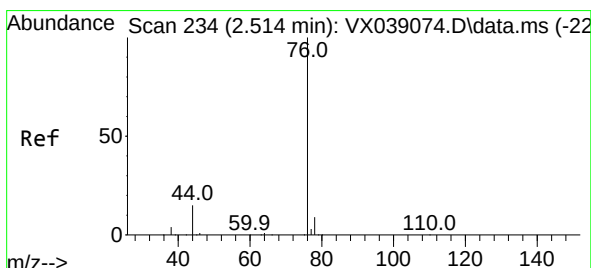
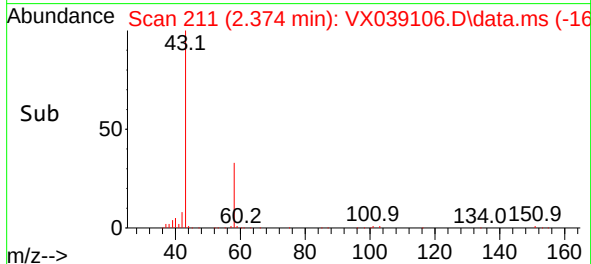
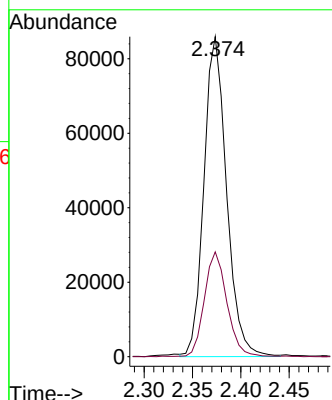
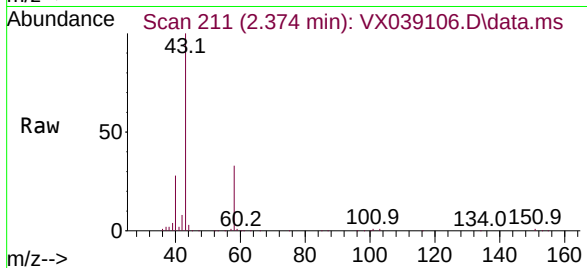




#13
Acetone
Concen: 82.241 ug/L
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

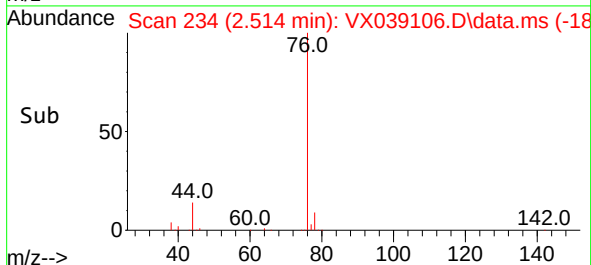
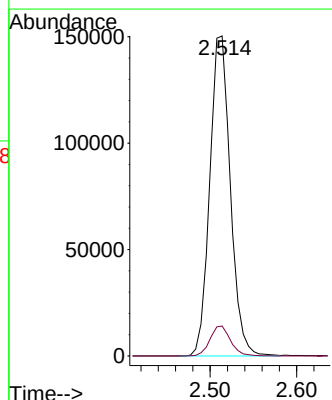
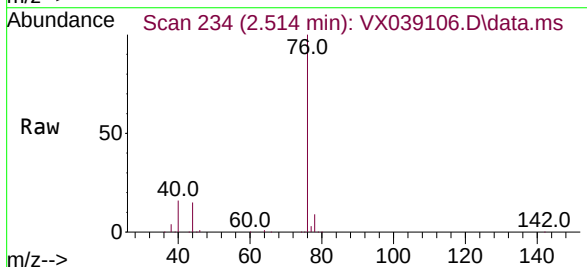
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VSTD050699

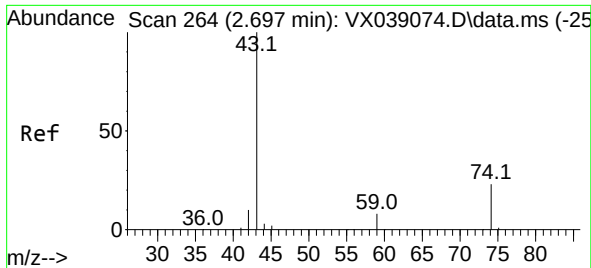
Tgt Ion: 43 Resp: 140161
Ion Ratio Lower Upper
43 100
58 32.5 0.0 65.8



#14
Carbon disulfide
Concen: 48.494 ug/L
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 76 Resp: 248397
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

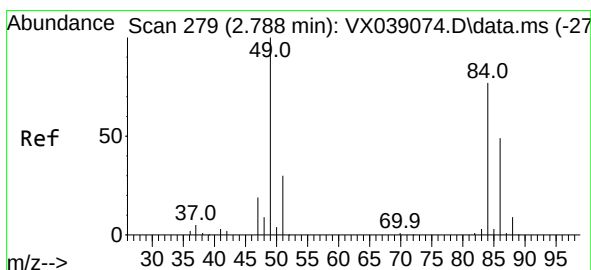
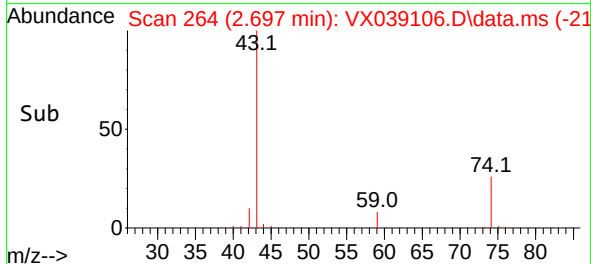
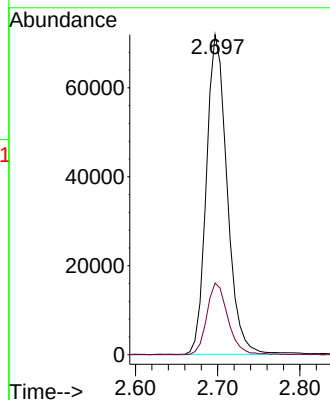
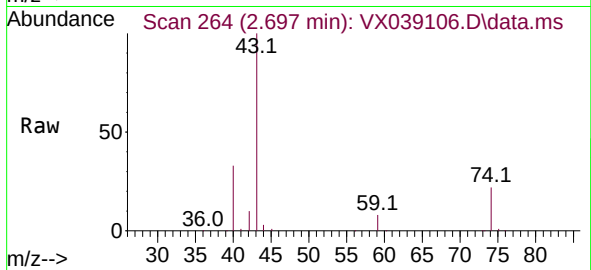




#15
Methyl Acetate
Concen: 51.665 ug/L
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

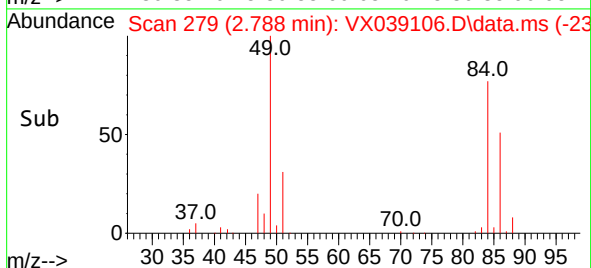
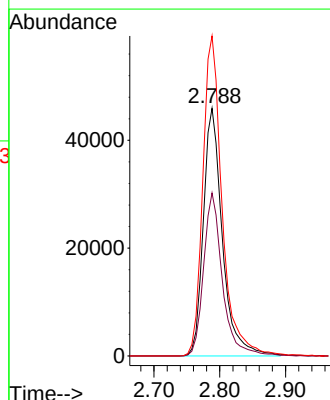
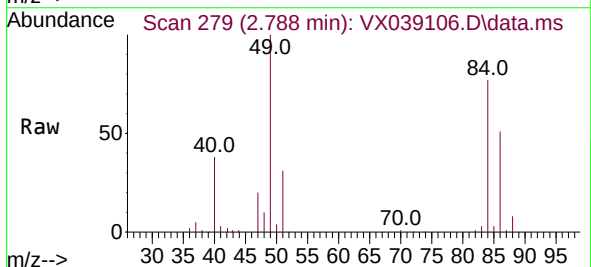
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

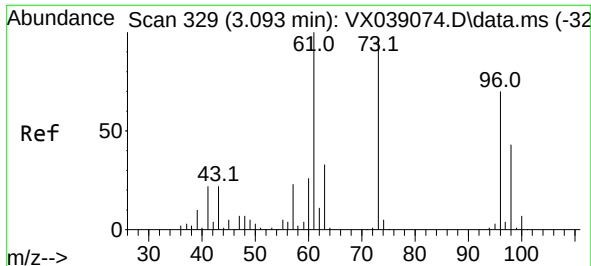
Tgt Ion: 43 Resp: 125854
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.4



#16
Methylene chloride
Concen: 50.098 ug/L
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 84 Resp: 92651
Ion Ratio Lower Upper
84 100
86 65.8 44.7 82.9
49 129.2 90.9 168.7

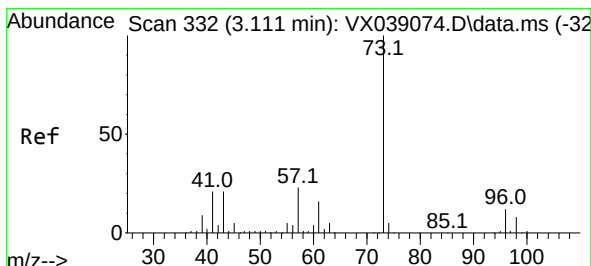
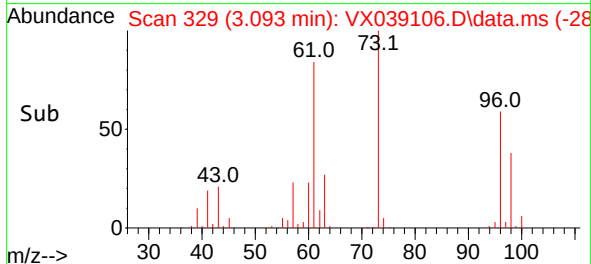
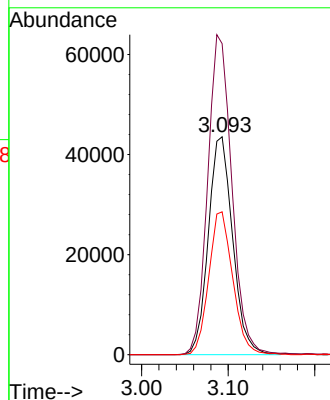
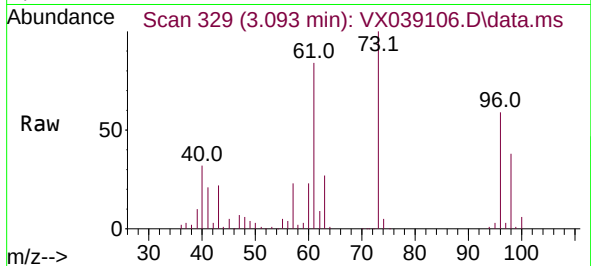




#17
trans-1,2-Dichloroethene
Concen: 50.213 ug/L
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

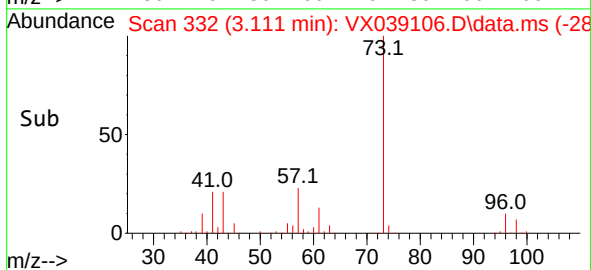
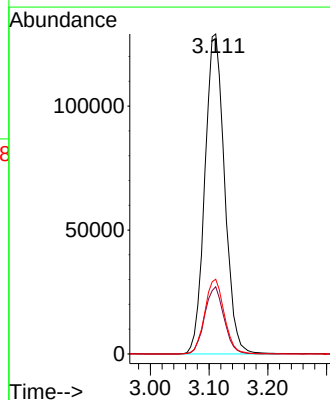
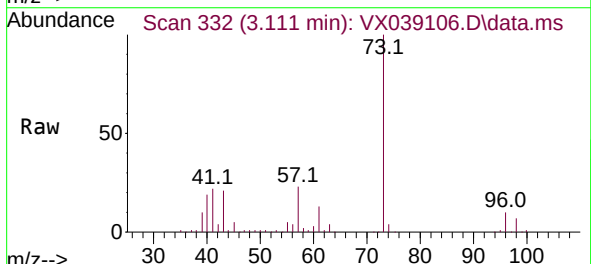
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

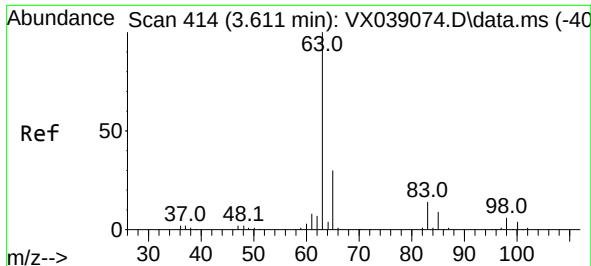
Tgt Ion: 96 Resp: 85162
Ion Ratio Lower Upper
96 100
61 142.7 99.8 185.3
98 65.5 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 51.115 ug/L
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 73 Resp: 301756
Ion Ratio Lower Upper
73 100
43 20.6 16.9 25.3
57 23.1 18.5 27.7





#19

1,1-Dichloroethane

Concen: 50.609 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050699

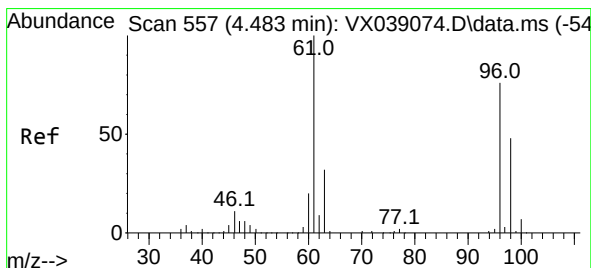
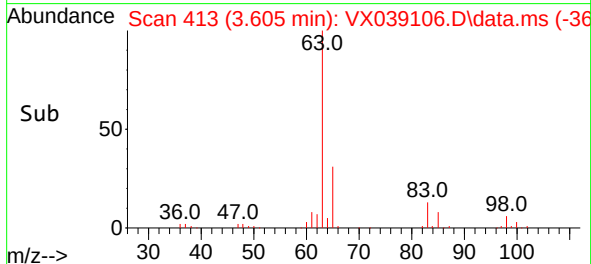
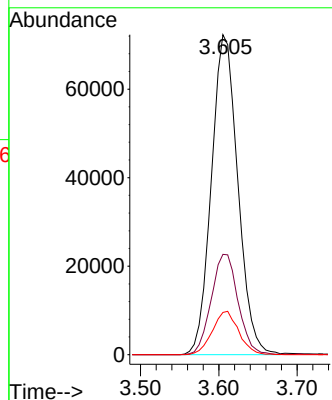
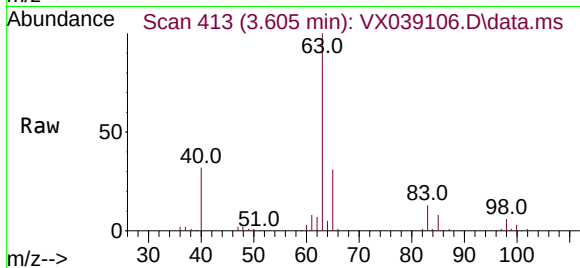
Tgt Ion: 63 Resp: 169718

Ion Ratio Lower Upper

63 100

65 31.4 21.1 39.3

83 13.2 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 50.608 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

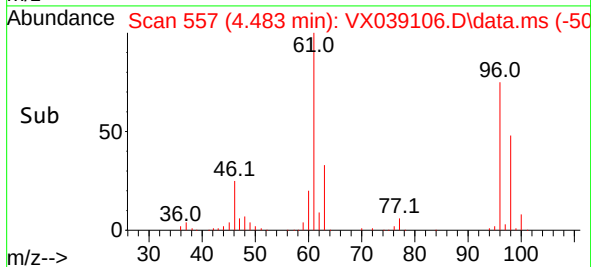
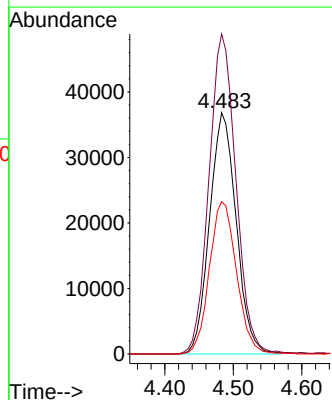
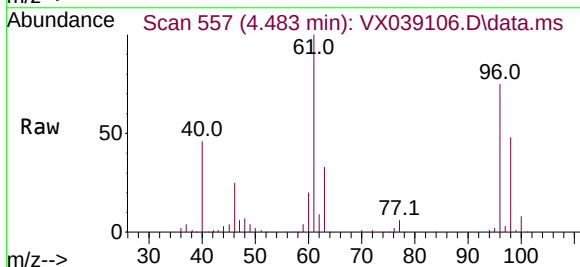
Tgt Ion: 96 Resp: 99555

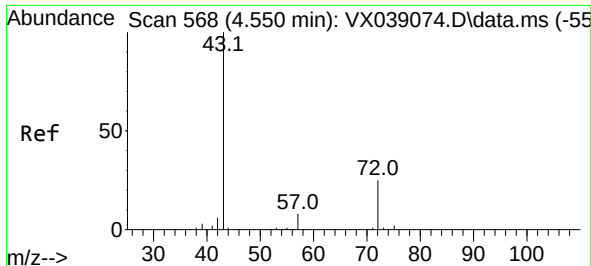
Ion Ratio Lower Upper

96 100

61 132.6 91.7 170.3

98 63.1 44.2 82.2

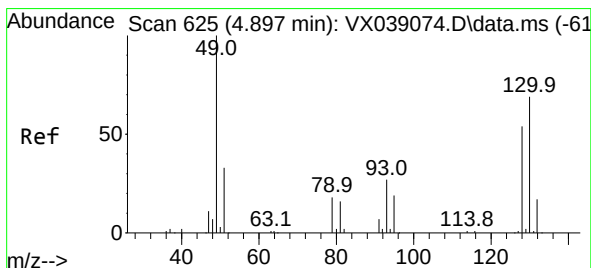
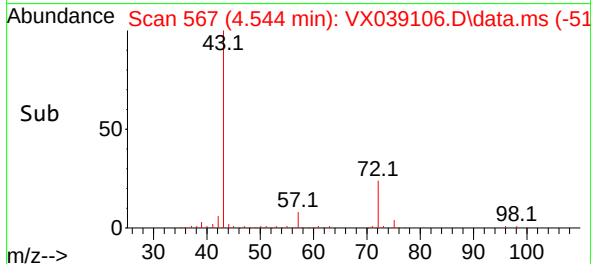
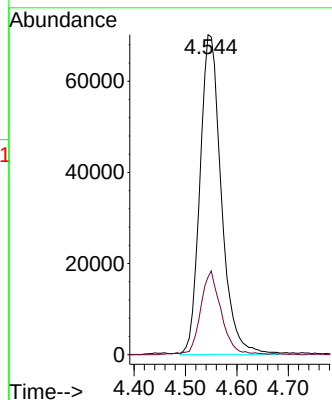
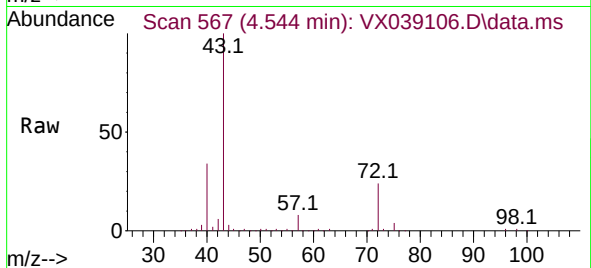




#22
2-Butanone
Concen: 96.792 ug/L
RT: 4.544 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

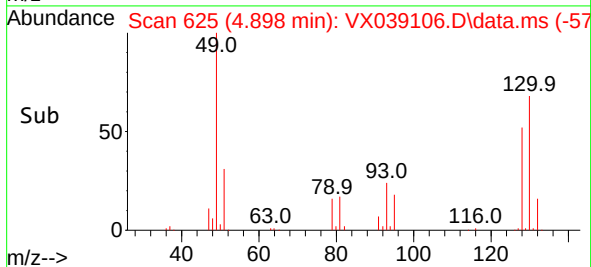
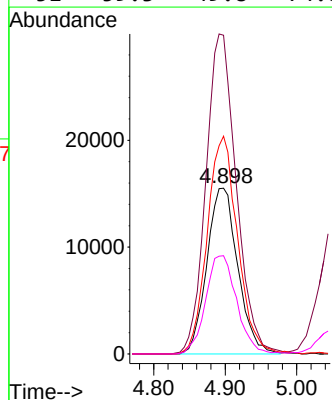
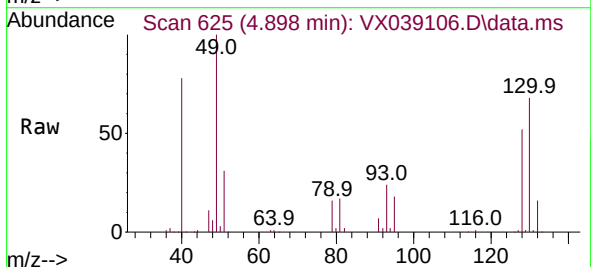
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

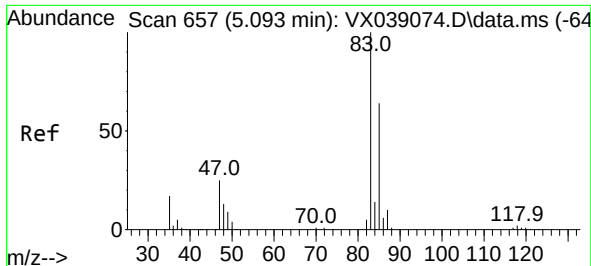
Tgt Ion: 43 Resp: 202446
Ion Ratio Lower Upper
43 100
72 24.8 12.6 37.6



#23
Bromochloromethane
Concen: 50.412 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion:128 Resp: 46618
Ion Ratio Lower Upper
128 100
49 192.3 130.8 243.0
130 131.4 90.6 168.3
51 59.3 49.8 74.8

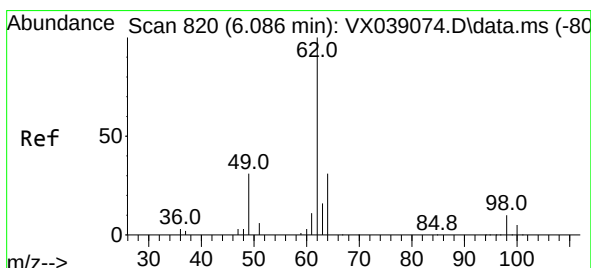
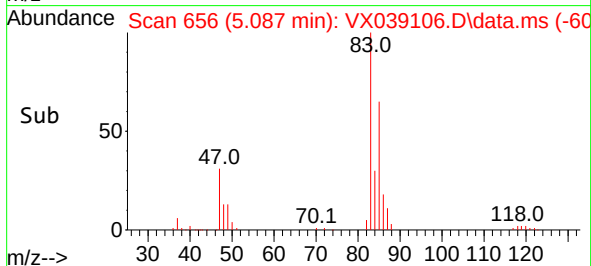
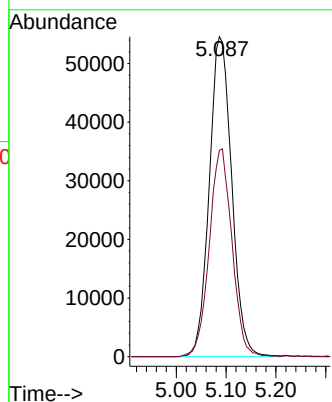
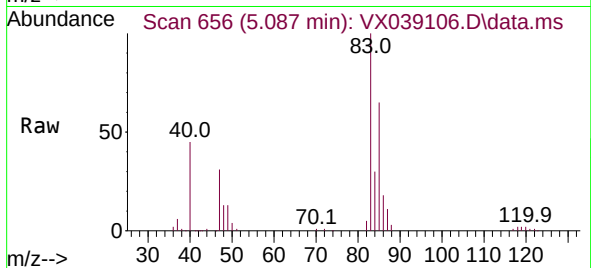




#25
Chloroform
Concen: 50.980 ug/L
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

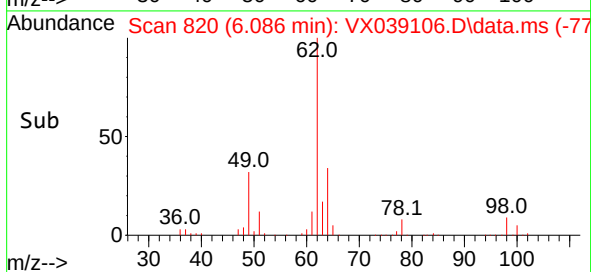
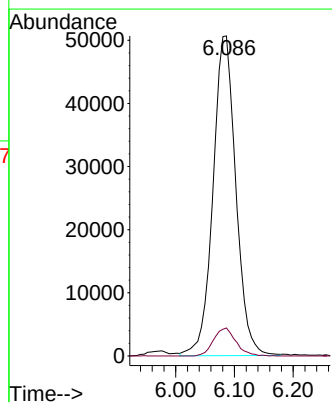
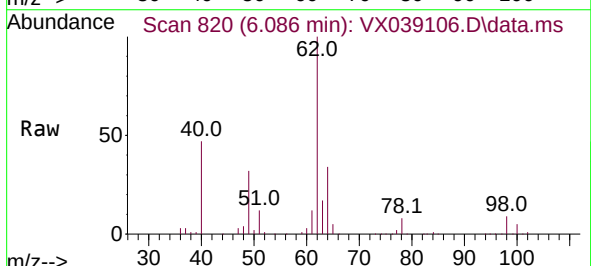
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

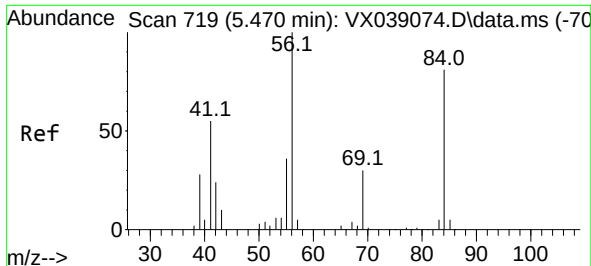
Tgt Ion: 83 Resp: 170524
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7



#27
1,2-Dichloroethane
Concen: 51.952 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 62 Resp: 137154
Ion Ratio Lower Upper
62 100
98 8.7 8.0 12.0

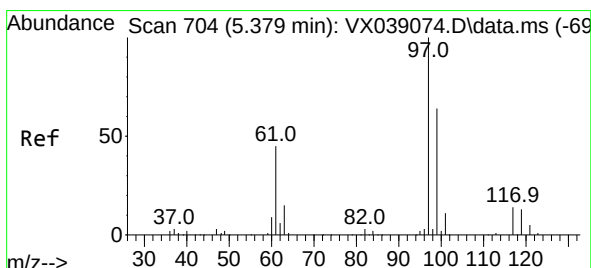
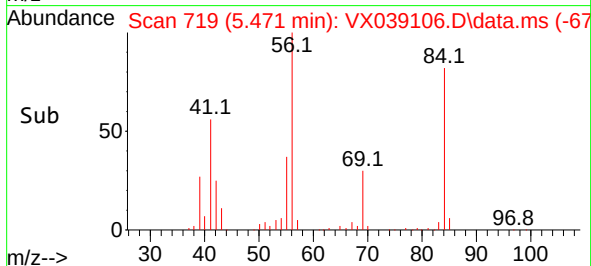
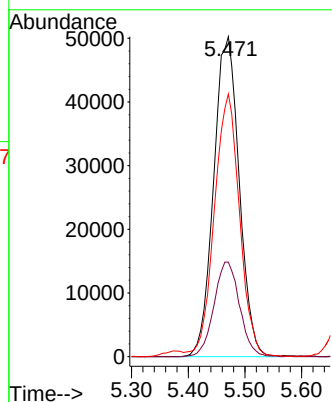
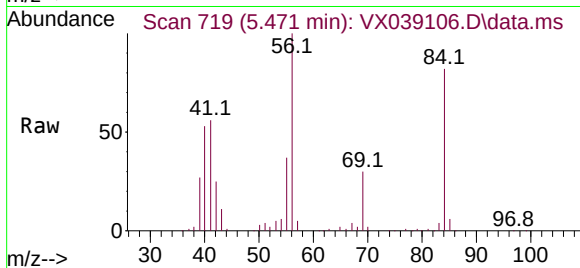




#29
Cyclohexane
Concen: 48.162 ug/L
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

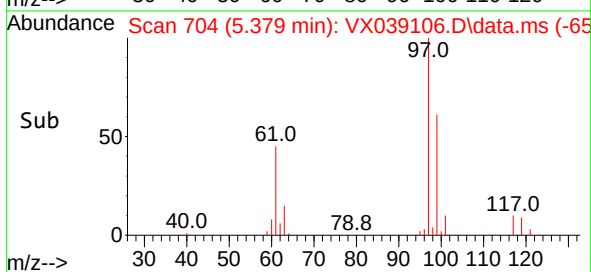
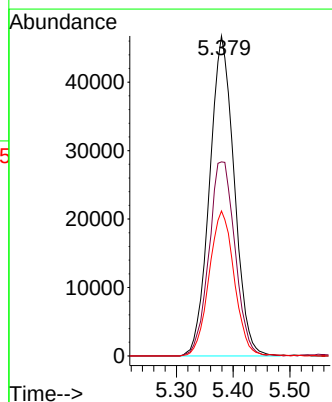
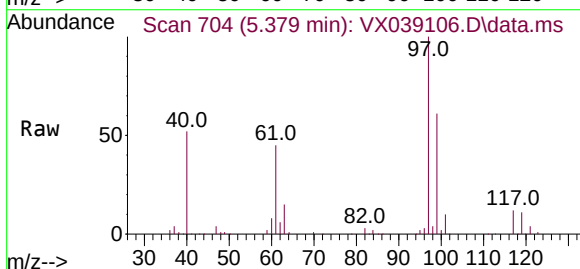
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

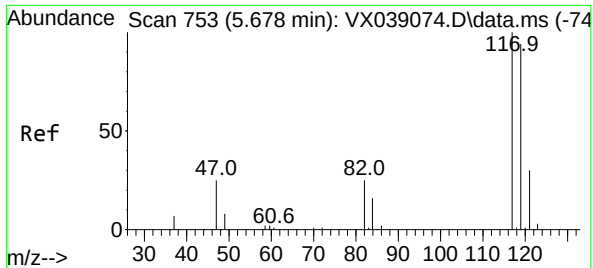
Tgt Ion: 56 Resp: 157066
Ion Ratio Lower Upper
56 100
69 29.6 24.5 36.7
84 80.9 67.0 100.4



#30
1,1,1-Trichloroethane
Concen: 49.908 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 97 Resp: 141169
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 46.0 36.7 55.1

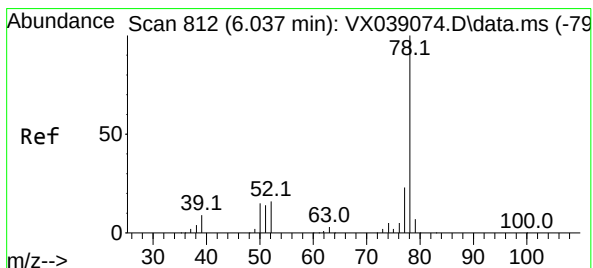
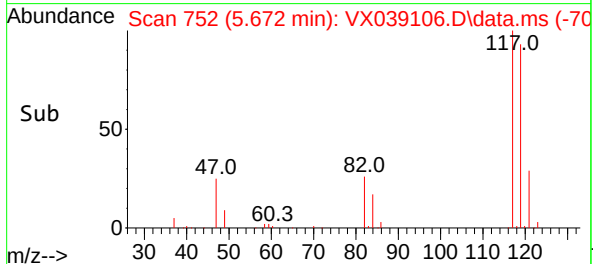
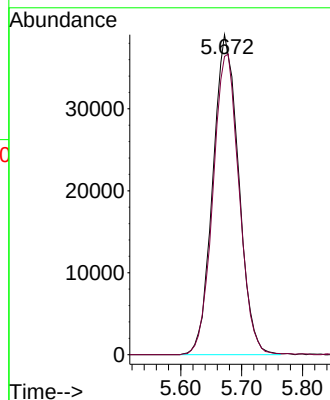
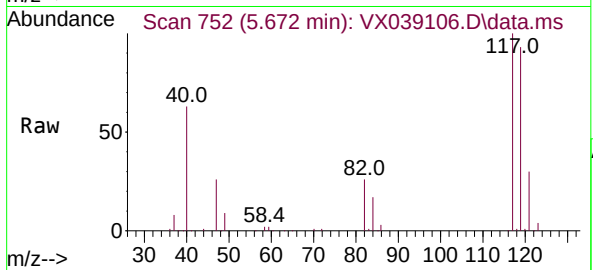




#31
Carbon tetrachloride
Concen: 48.721 ug/L
RT: 5.672 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

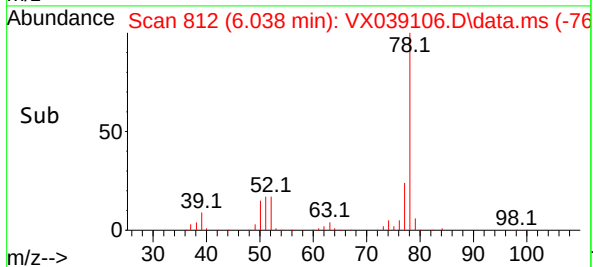
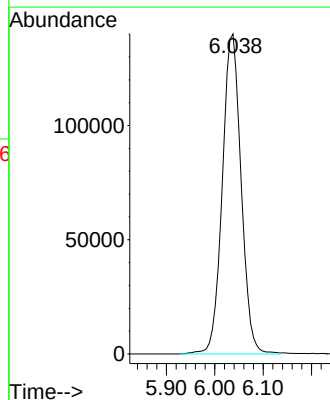
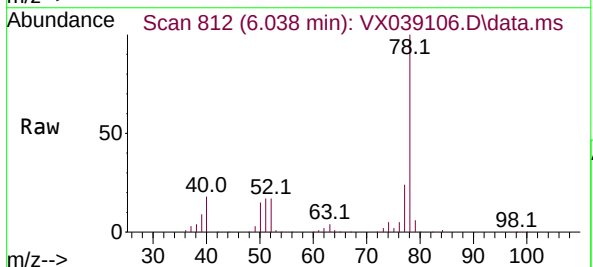
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

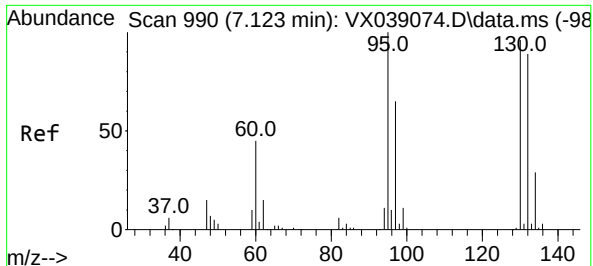
Tgt Ion:117 Resp: 114979
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4



#33
Benzene
Concen: 51.142 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 78 Resp: 378894



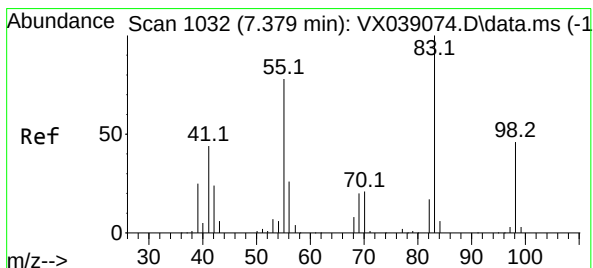
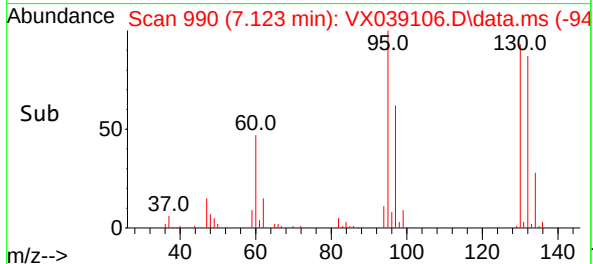
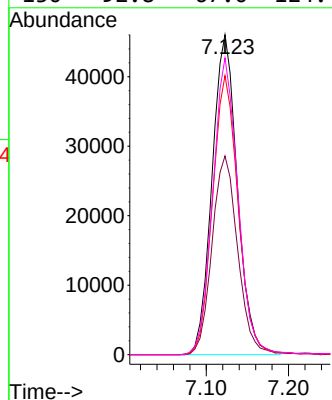
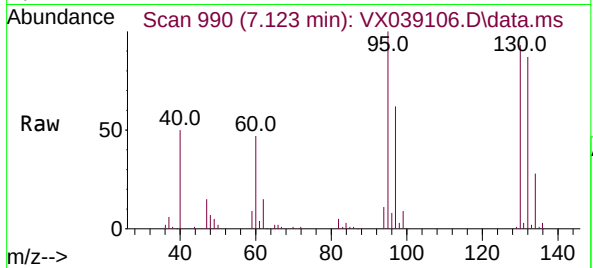


#34
Trichloroethene
Concen: 50.290 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

Tgt Ion: 95 Resp: 98463

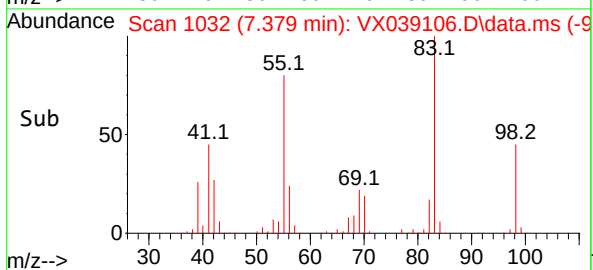
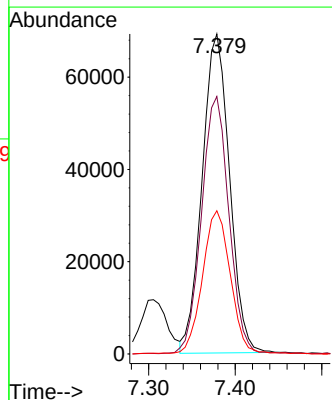
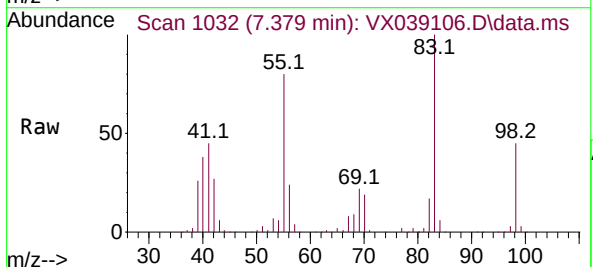
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.5	84.5
132	87.2	62.2	115.4
130	92.8	67.0	124.4

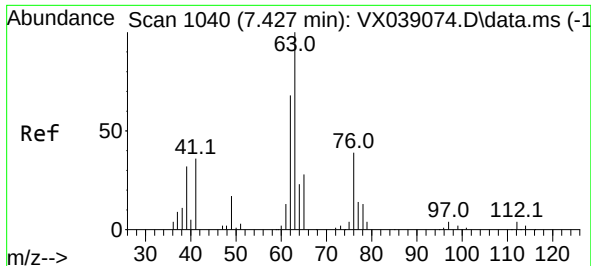


#35
Methylcyclohexane
Concen: 46.639 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 83 Resp: 152081

Ion	Ratio	Lower	Upper
83	100		
55	81.0	62.5	93.7
98	45.5	36.1	54.1





#37

1,2-Dichloropropane

Concen: 51.934 ug/L

RT: 7.428 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

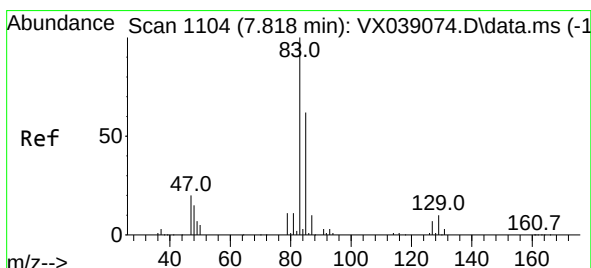
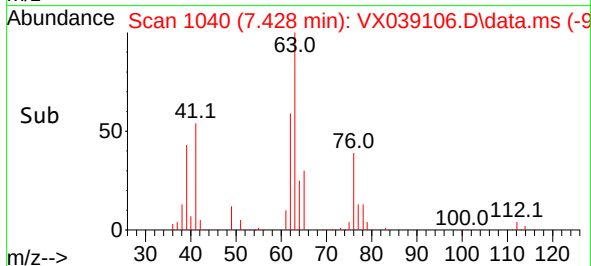
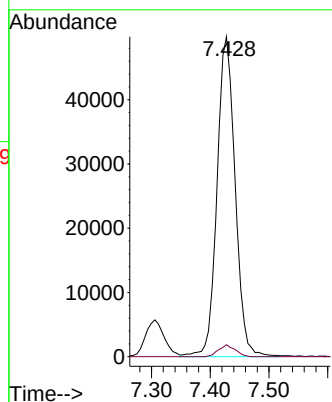
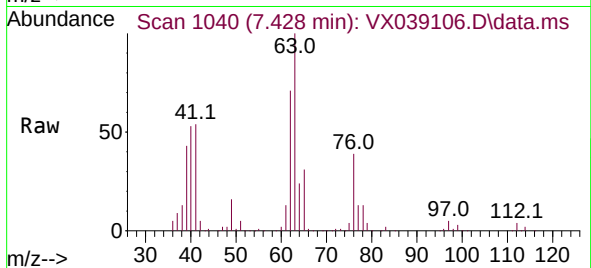
VSTD050699

Tgt Ion: 63 Resp: 106709

Ion Ratio Lower Upper

63 100

112 3.4 2.8 4.2



#38

Bromodichloromethane

Concen: 50.725 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

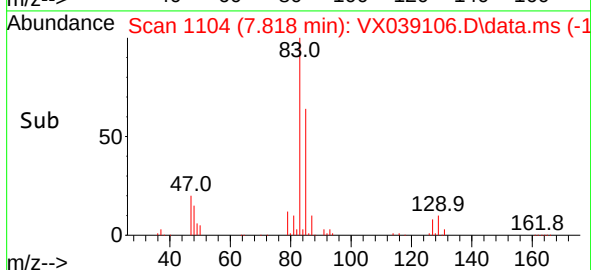
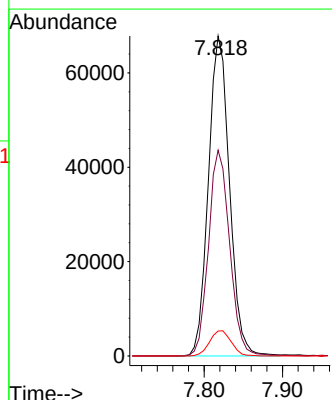
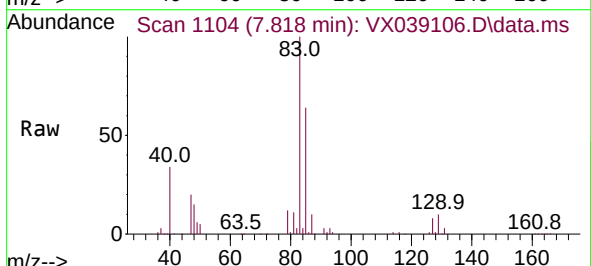
Tgt Ion: 83 Resp: 126767

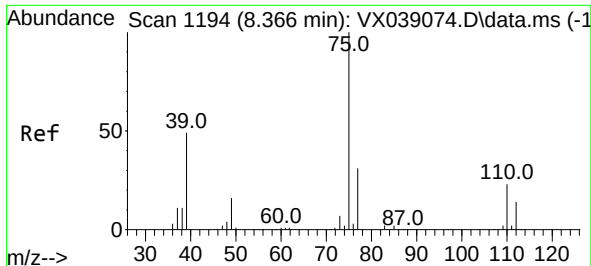
Ion Ratio Lower Upper

83 100

85 64.3 43.3 80.5

127 7.8 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 49.360 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

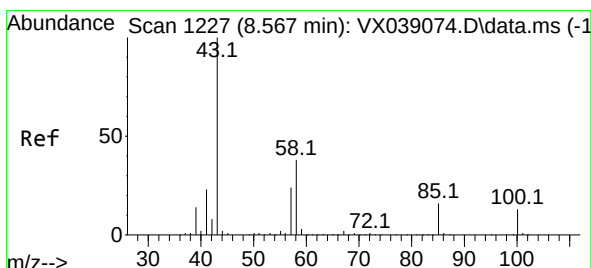
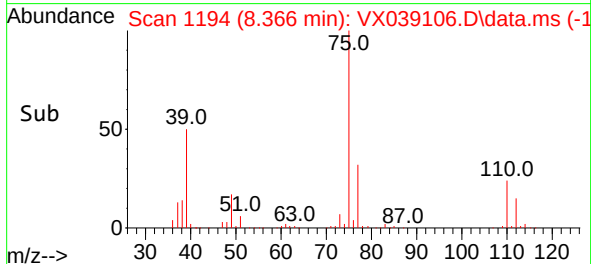
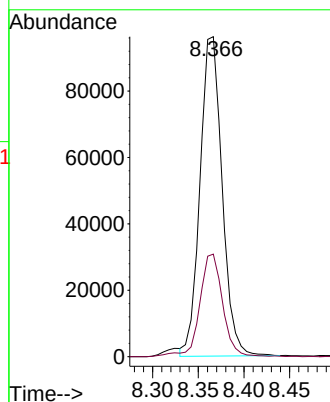
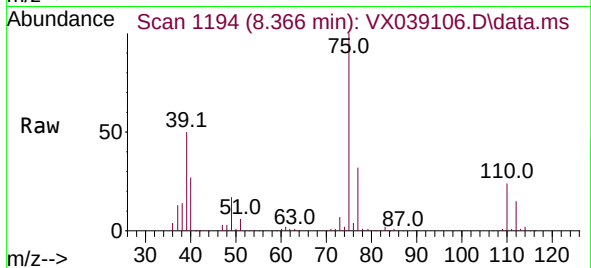
VSTD050699

Tgt Ion: 75 Resp: 161756

Ion Ratio Lower Upper

75 100

77 32.1 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 103.846 ug/L

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

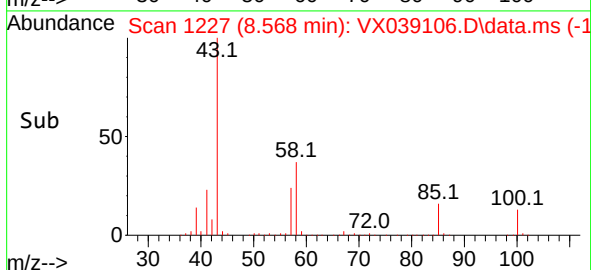
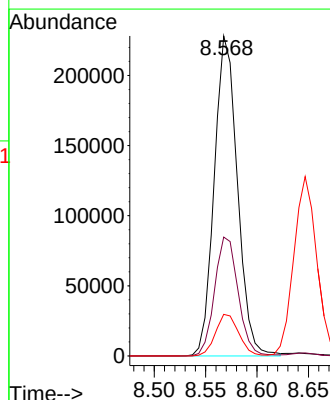
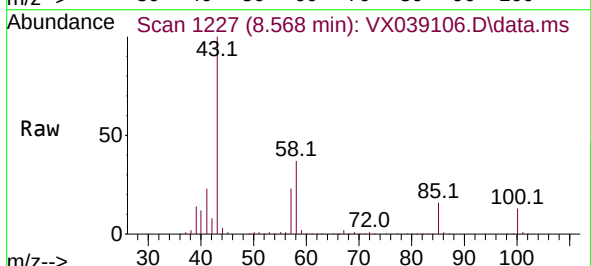
Tgt Ion: 43 Resp: 357603

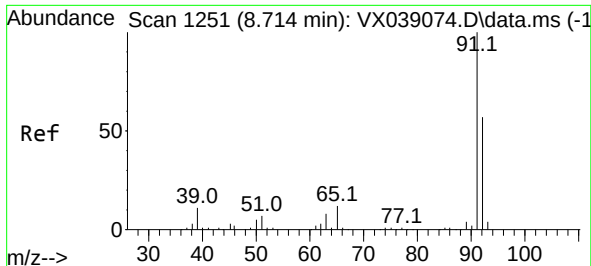
Ion Ratio Lower Upper

43 100

58 37.7 30.9 46.3

100 13.2 10.6 16.0





#42

Toluene

Concen: 49.903 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

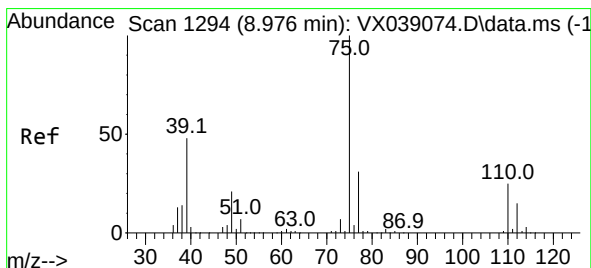
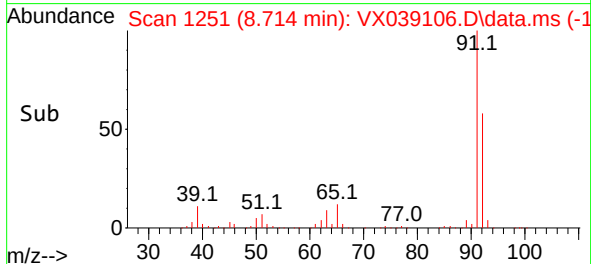
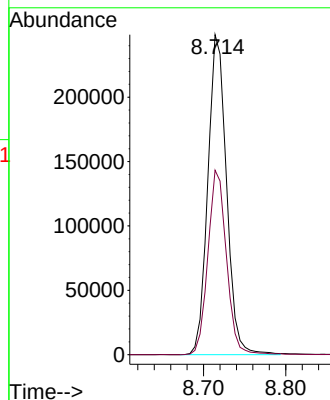
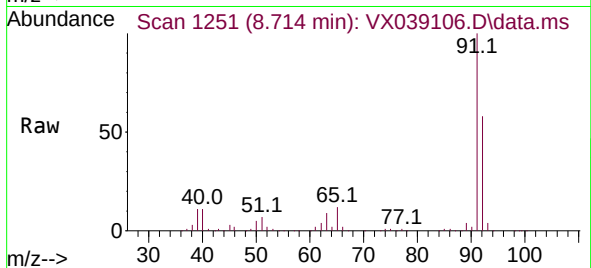
VSTD050699

Tgt Ion: 91 Resp: 392051

Ion Ratio Lower Upper

91 100

92 57.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 50.758 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX039106.D

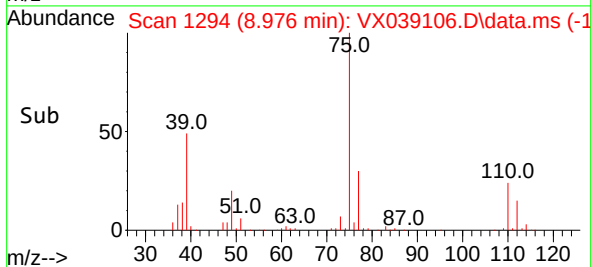
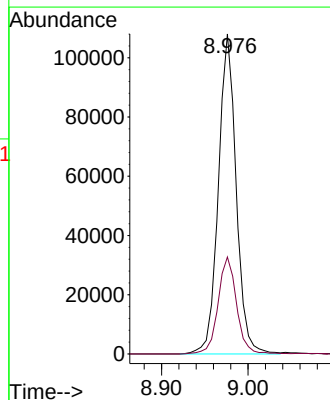
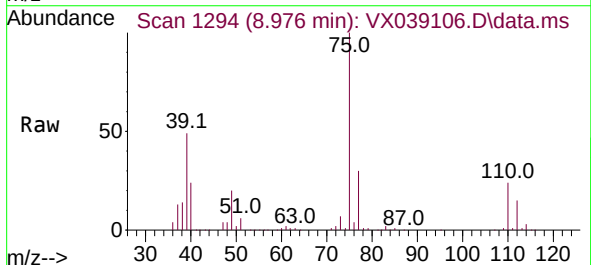
Acq: 08 Dec 2023 15:41

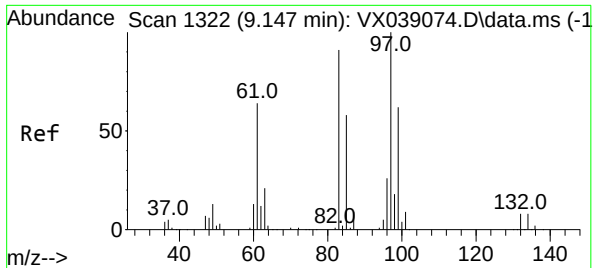
Tgt Ion: 75 Resp: 154361

Ion Ratio Lower Upper

75 100

77 30.3 22.0 40.8

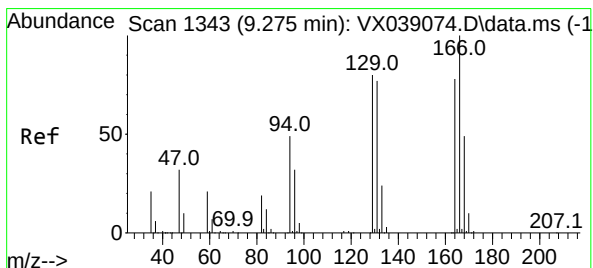
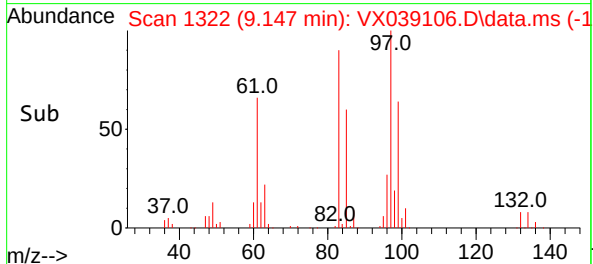
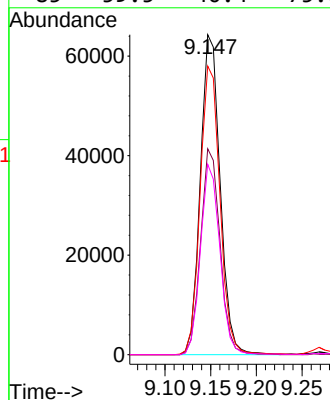
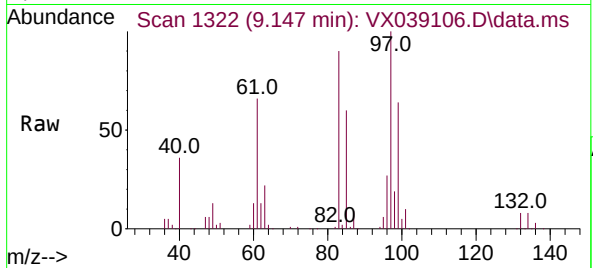




#45
1,1,2-Trichloroethane
Concen: 51.308 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

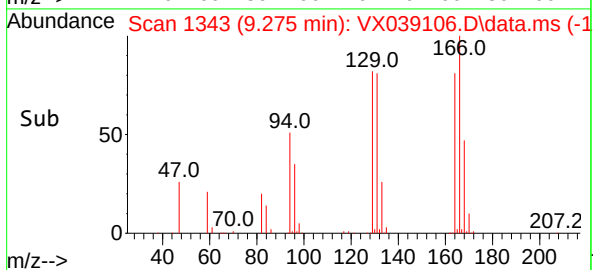
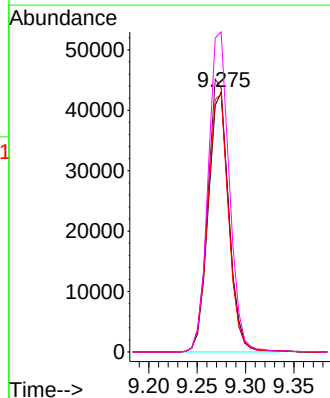
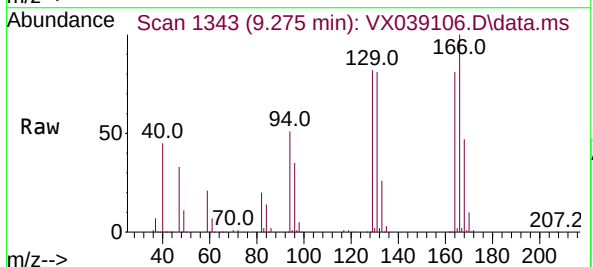
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

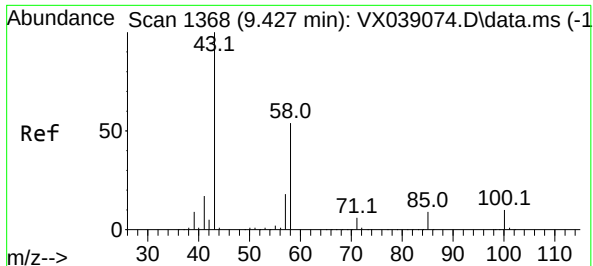
Tgt Ion:	97	Resp:	96611
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.1	80.1
83	90.2	64.0	118.8
85	59.5	40.4	75.0



#46
Tetrachloroethene
Concen: 49.848 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion:	164	Resp:	64382
Ion	Ratio	Lower	Upper
164	100		
129	101.7	71.9	133.5
131	99.3	69.5	129.1
166	123.3	90.3	167.7



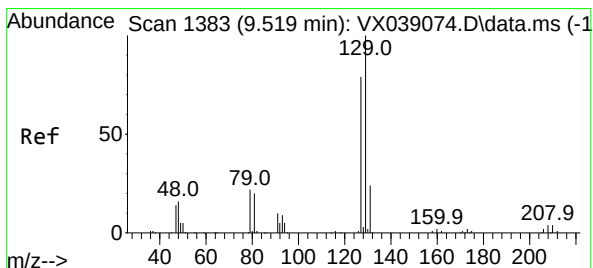
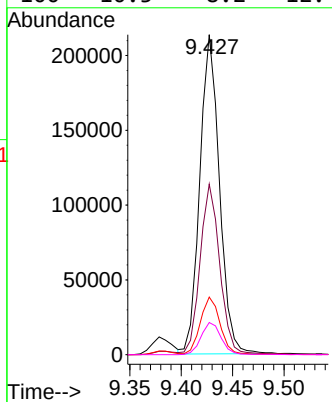
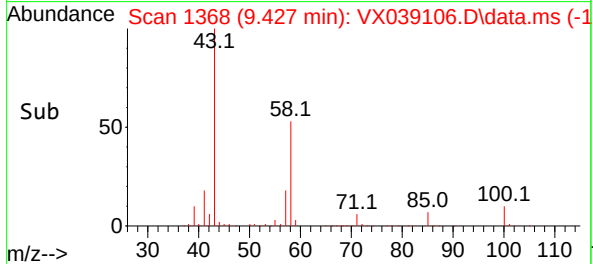
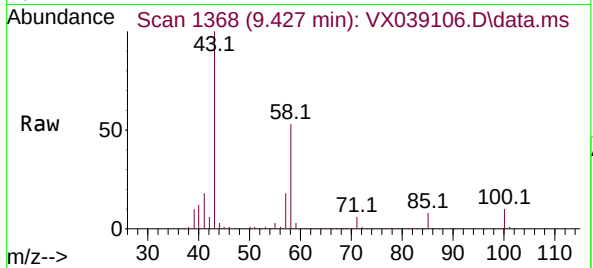


#48
2-Hexanone
Concen: 98.562 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

Tgt Ion: 43 Resp: 284071

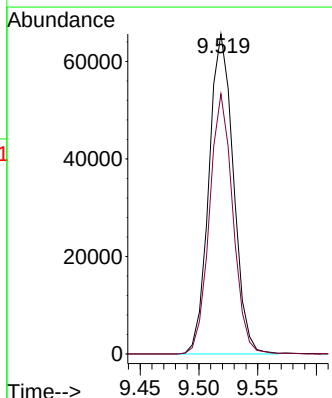
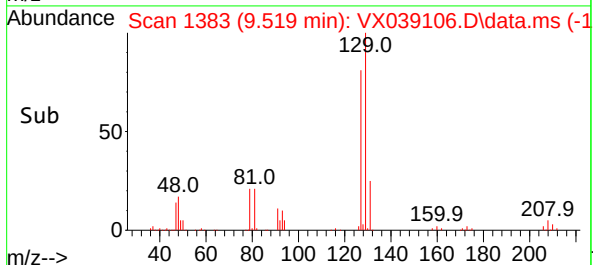
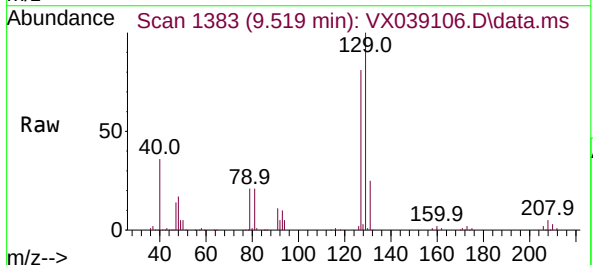
Ion	Ratio	Lower	Upper
43	100		
58	53.8	43.0	64.6
57	17.9	14.6	21.8
100	10.3	8.2	12.4

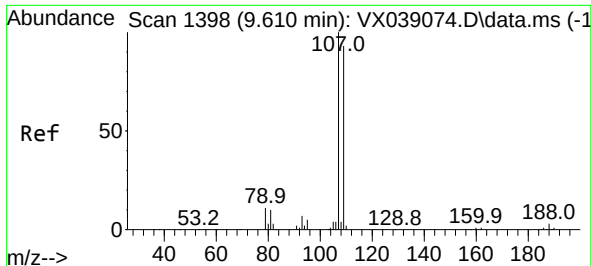


#49
Dibromochloromethane
Concen: 51.865 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 129 Resp: 95142

Ion	Ratio	Lower	Upper
129	100		
127	81.3	55.2	102.4





#50

1,2-Dibromoethane

Concen: 51.845 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050699

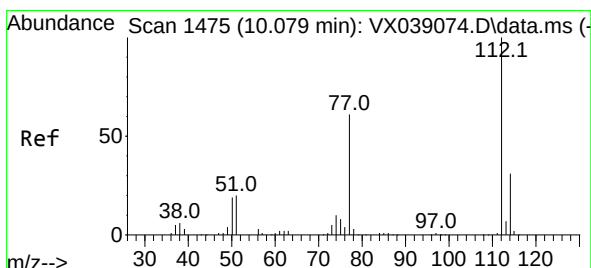
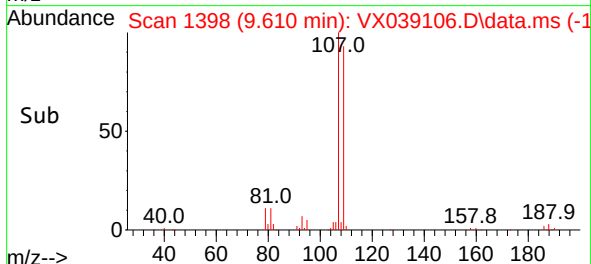
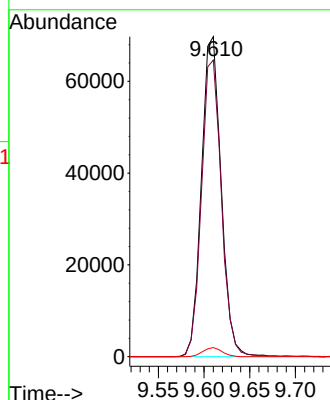
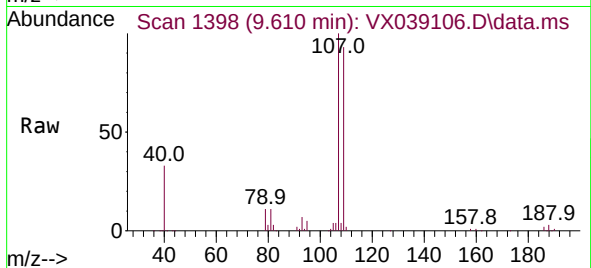
Tgt Ion:107 Resp: 104586

Ion Ratio Lower Upper

107 100

109 92.7 65.2 121.0

188 2.9 2.5 3.7



#51

Chlorobenzene

Concen: 50.078 ug/L

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

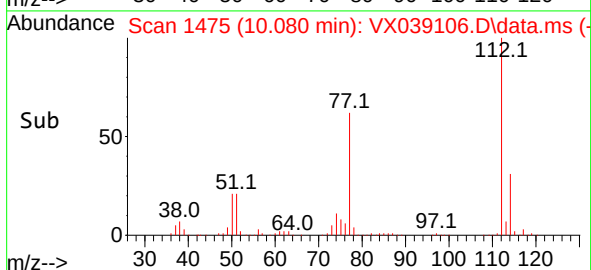
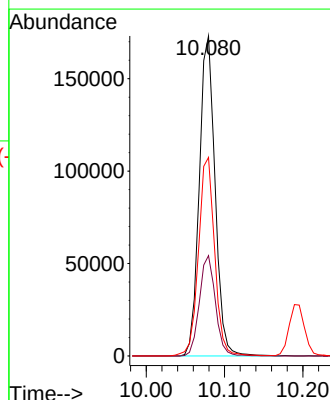
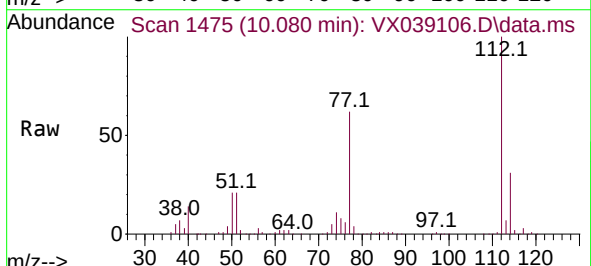
Tgt Ion:112 Resp: 243019

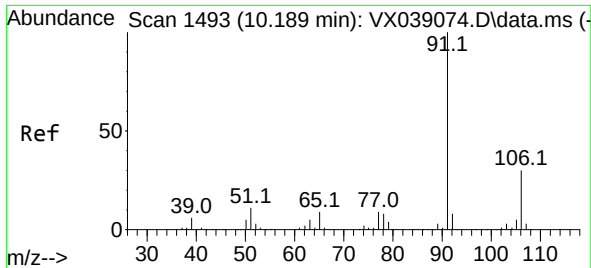
Ion Ratio Lower Upper

112 100

114 31.4 21.8 40.4

77 62.0 49.0 73.6

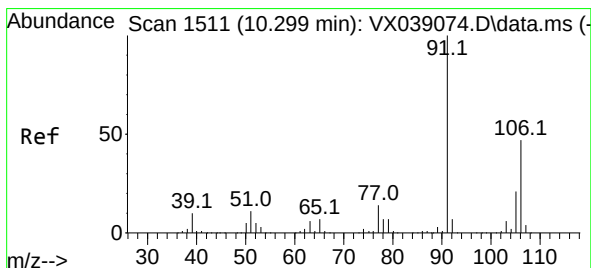
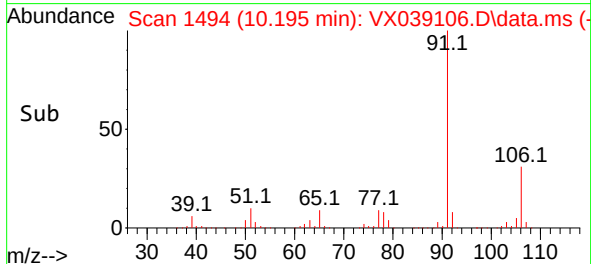
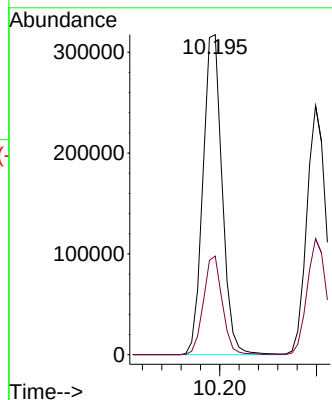
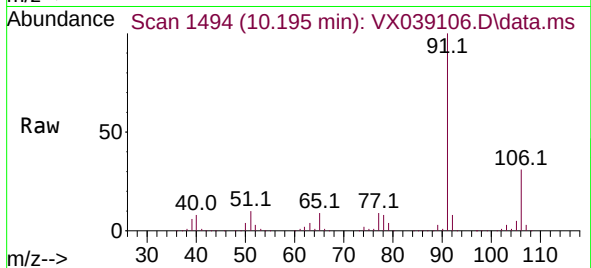




#52
Ethylbenzene
Concen: 50.011 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

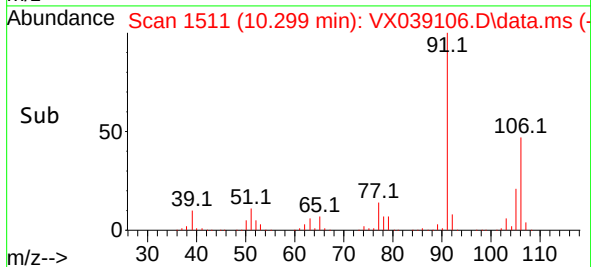
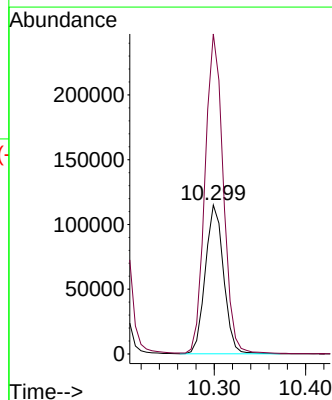
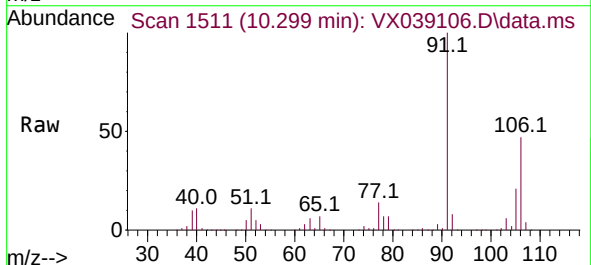
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

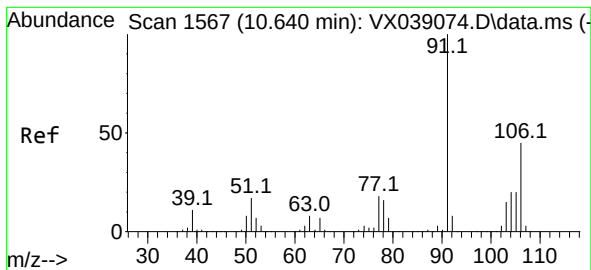
Tgt Ion: 91 Resp: 439242
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4



#53
m,p-Xylene
Concen: 48.530 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion:106 Resp: 159366
Ion Ratio Lower Upper
106 100
91 214.7 149.0 276.8





#54

o-Xylene

Concen: 50.333 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

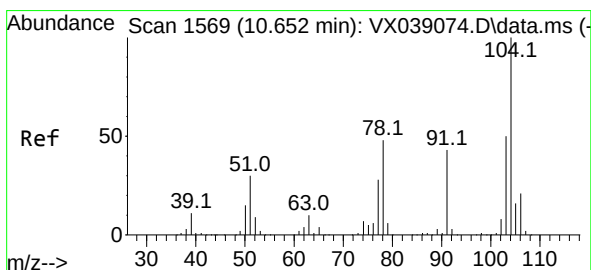
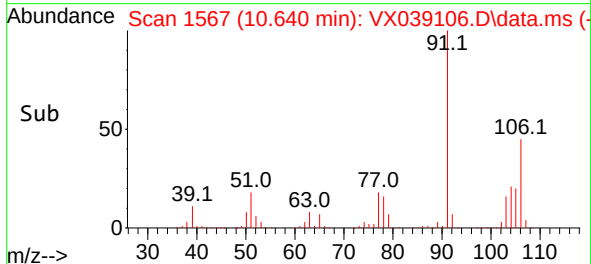
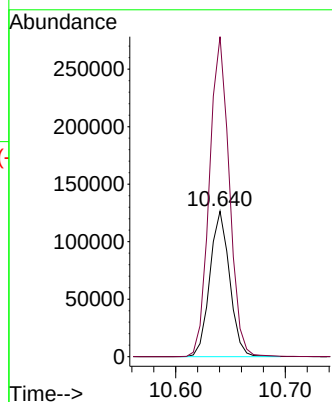
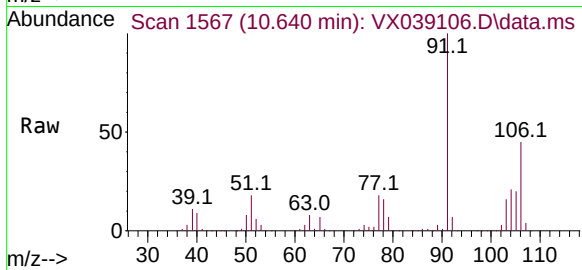
VSTD050699

Tgt Ion:106 Resp: 158600

Ion Ratio Lower Upper

106 100

91 219.9 156.2 290.0



#55

Styrene

Concen: 50.511 ug/L

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX039106.D

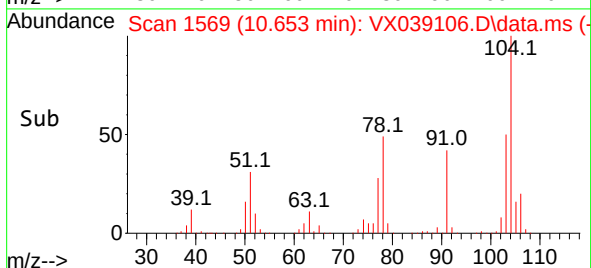
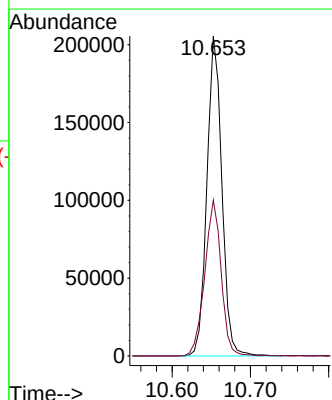
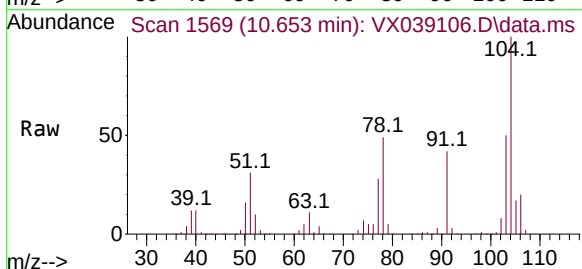
Acq: 08 Dec 2023 15:41

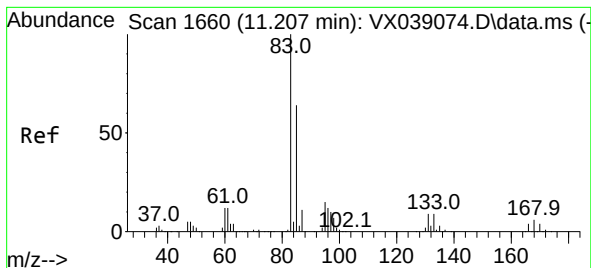
Tgt Ion:104 Resp: 272330

Ion Ratio Lower Upper

104 100

78 48.7 33.5 62.1

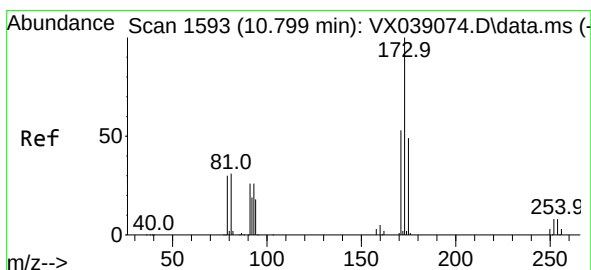
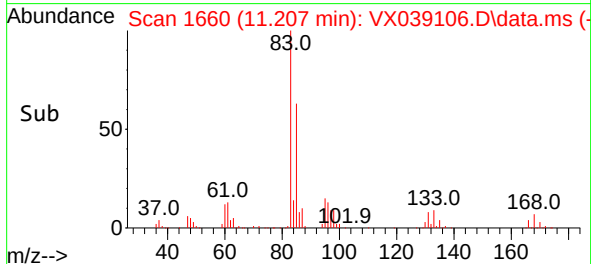
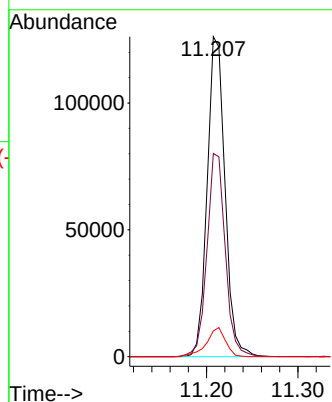
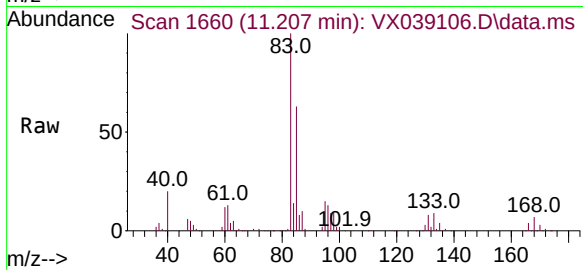




#57
1,1,2,2-Tetrachloroethane
Concen: 51.821 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

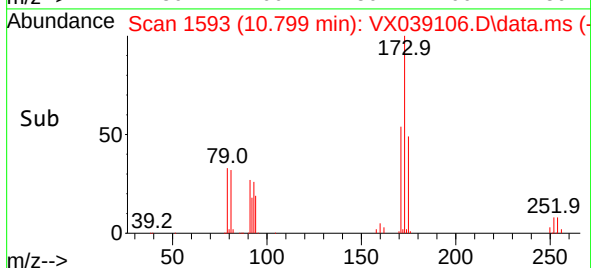
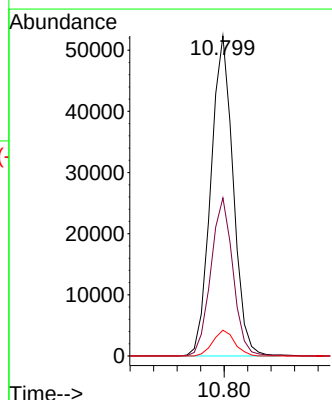
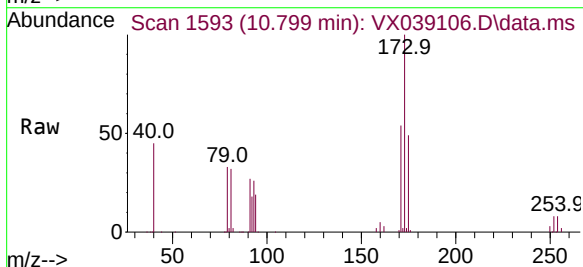
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

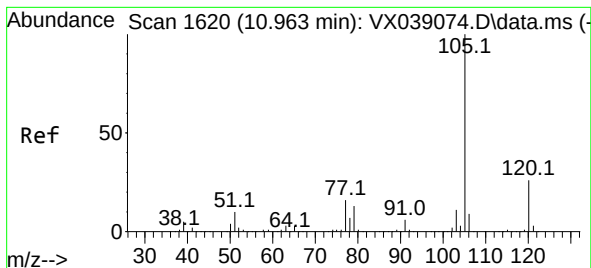
Tgt Ion: 83 Resp: 170292
Ion Ratio Lower Upper
83 100
85 63.5 45.2 84.0
131 8.0 7.2 10.8



#59
Bromoform
Concen: 51.099 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 173 Resp: 69185
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 7.8 6.2 9.2





#60

Isopropylbenzene

Concen: 50.209 ug/L

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050699

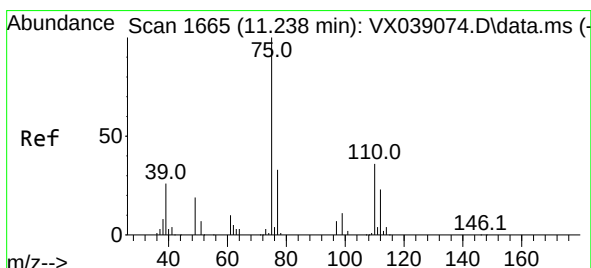
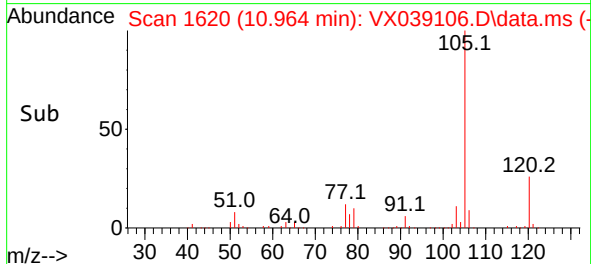
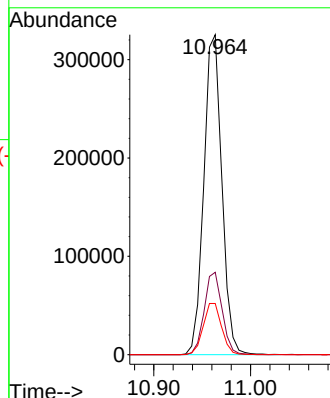
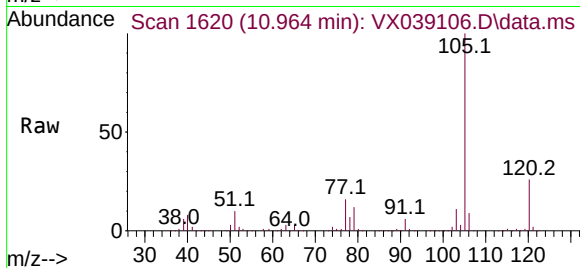
Tgt Ion:105 Resp: 422660

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7

77 16.4 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 51.778 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

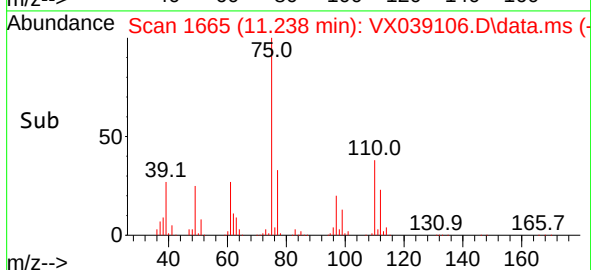
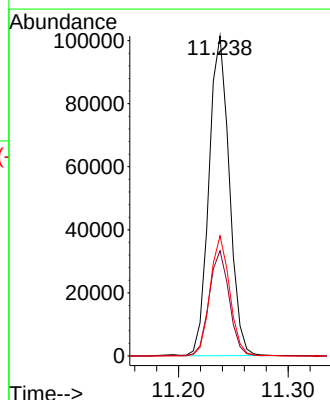
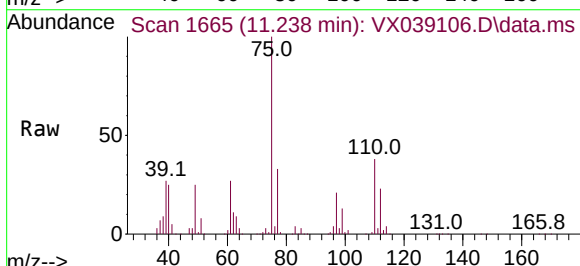
Tgt Ion: 75 Resp: 130669

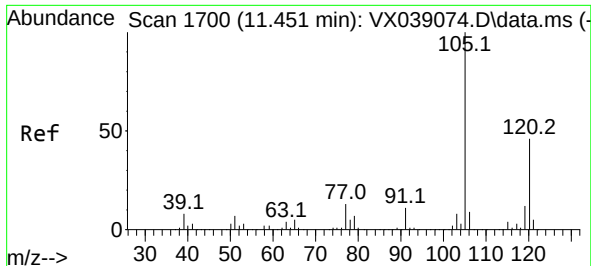
Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 36.1 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 49.751 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

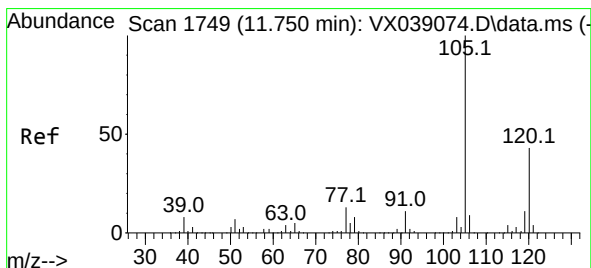
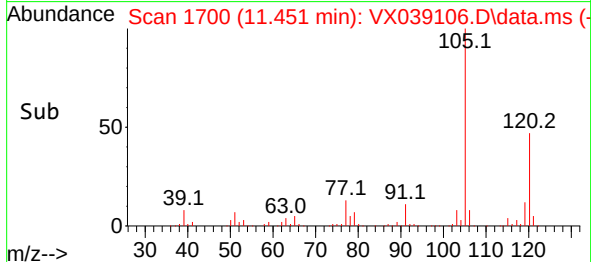
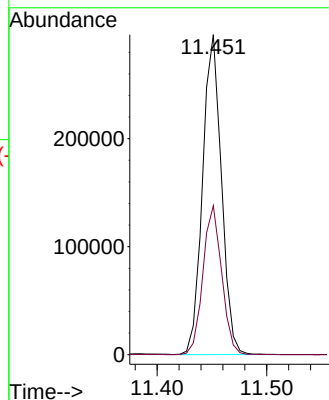
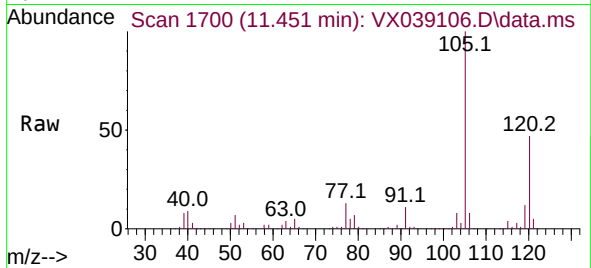
VSTD050699

Tgt Ion:105 Resp: 353571

Ion Ratio Lower Upper

105 100

120 46.3 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 50.037 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039106.D

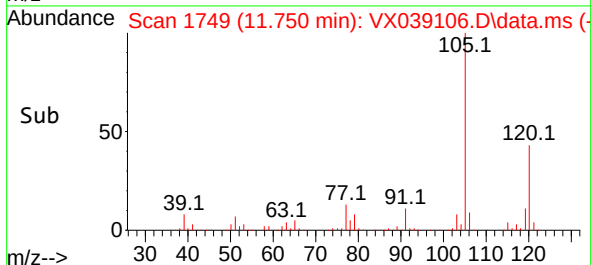
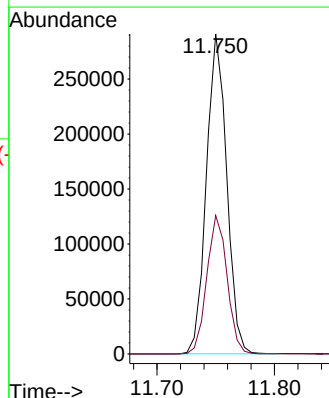
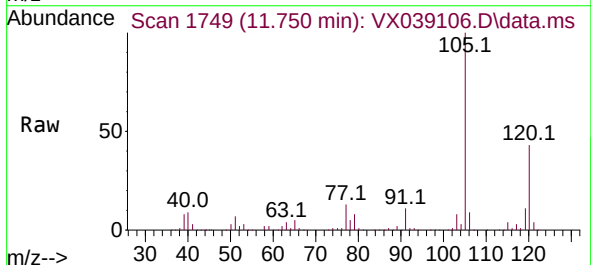
Acq: 08 Dec 2023 15:41

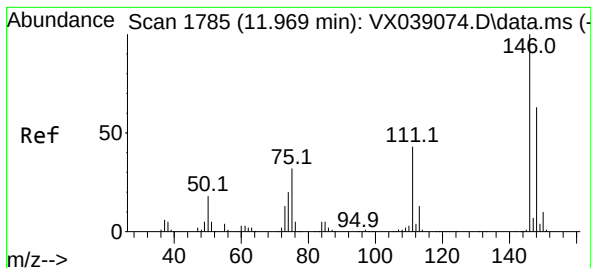
Tgt Ion:105 Resp: 348692

Ion Ratio Lower Upper

105 100

120 43.2 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 50.282 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050699

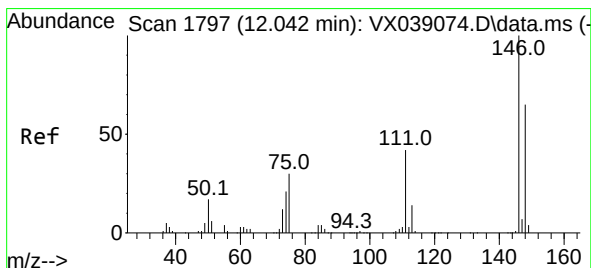
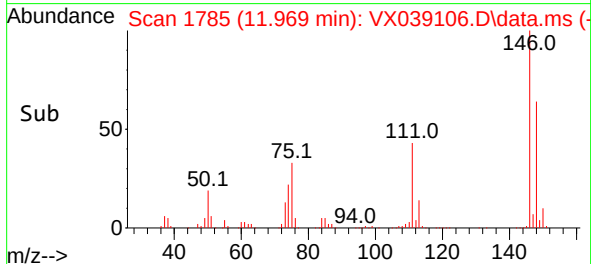
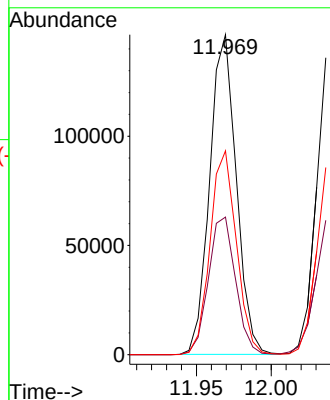
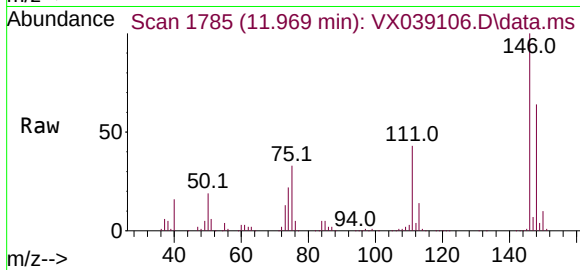
Tgt Ion:146 Resp: 181170

Ion Ratio Lower Upper

146 100

111 43.0 30.0 55.6

148 63.7 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 49.768 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

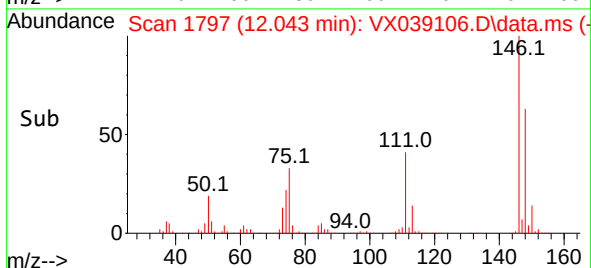
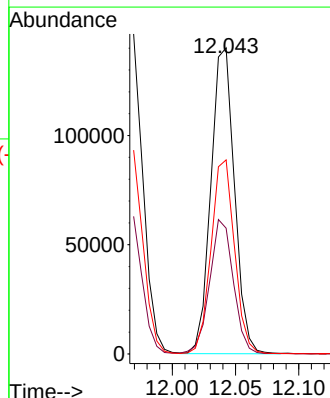
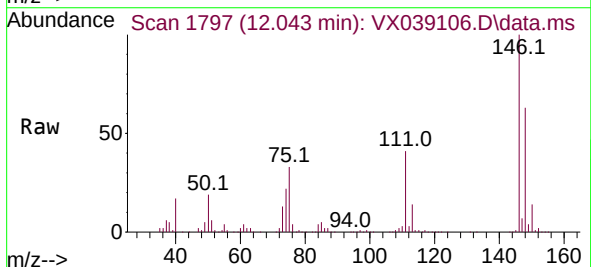
Tgt Ion:146 Resp: 181709

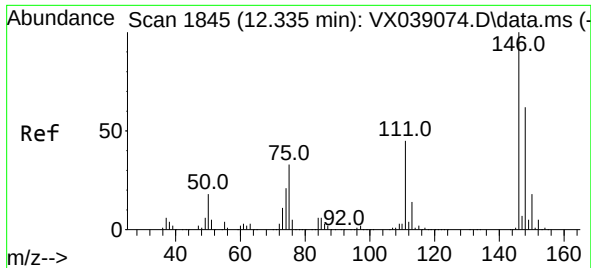
Ion Ratio Lower Upper

146 100

111 41.1 29.7 55.1

148 63.4 45.8 85.2

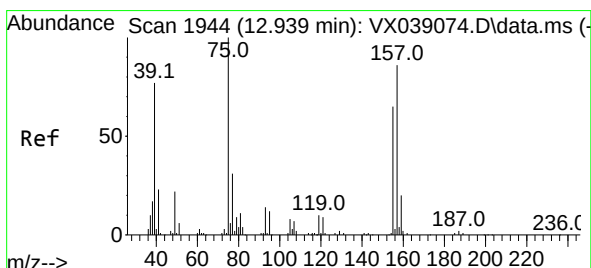
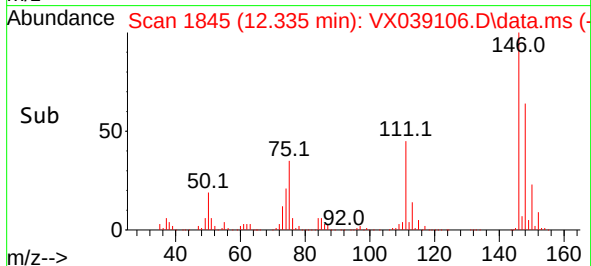
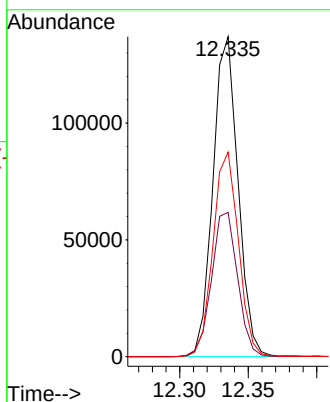
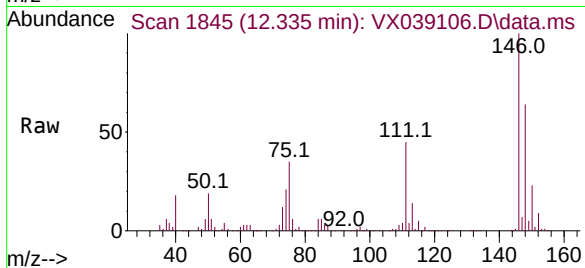




#67
1,2-Dichlorobenzene
Concen: 50.485 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

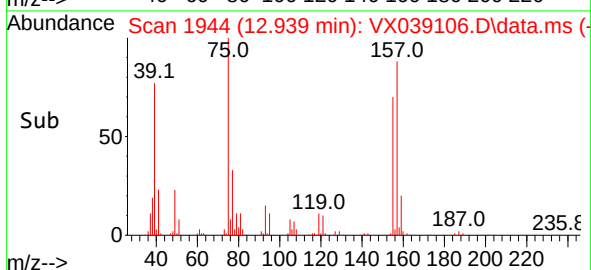
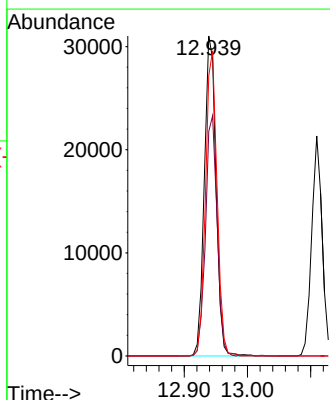
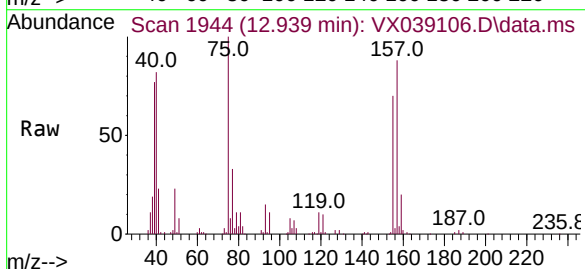
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

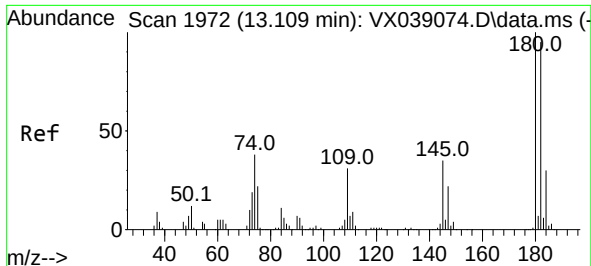
Tgt Ion:146 Resp: 174002
Ion Ratio Lower Upper
146 100
111 45.1 36.4 54.6
148 64.0 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 50.597 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion: 75 Resp: 39851
Ion Ratio Lower Upper
75 100
155 70.1 52.3 78.5
157 87.5 68.7 103.1

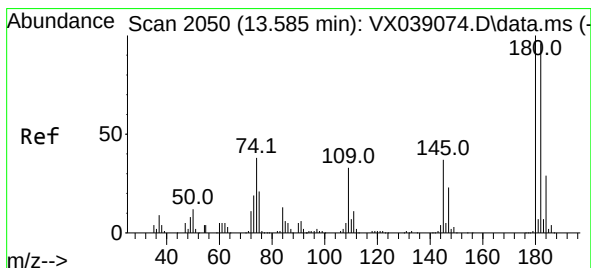
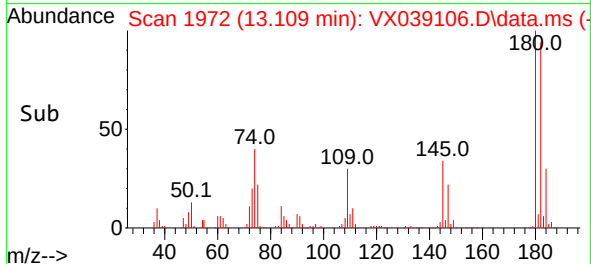
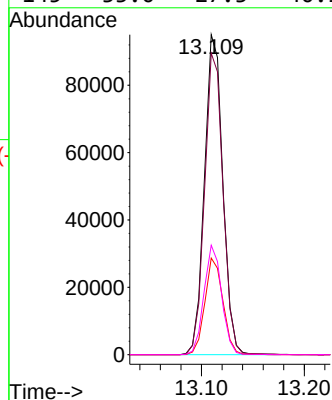
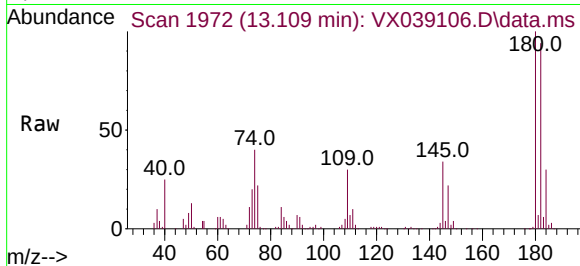




#69
1,3,5-Trichlorobenzene
Concen: 49.587 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

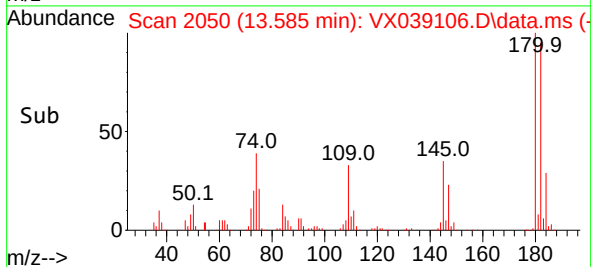
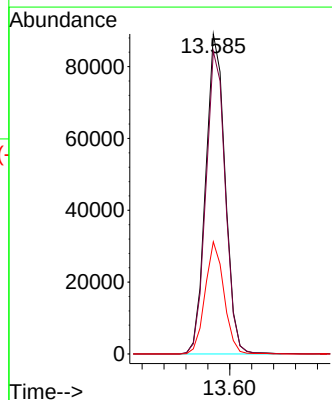
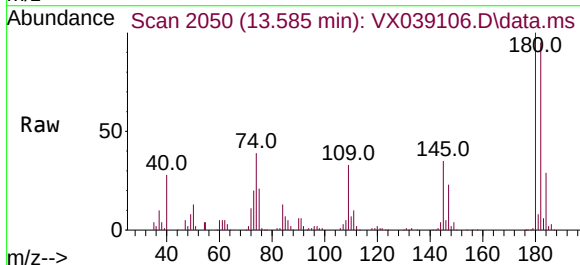
Instrument :
MSVOA_X
ClientSampleId :
VSTD050699

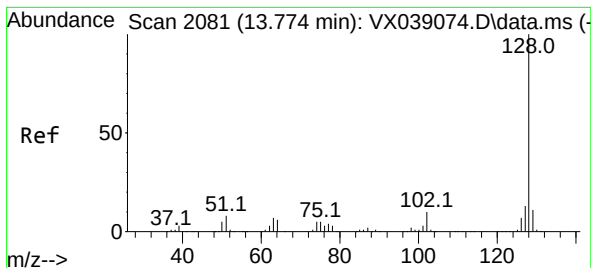
Tgt Ion:180	Resp: 118157
Ion Ratio	Lower Upper
180 100	
182 94.4	76.1 114.1
184 29.7	24.1 36.1
145 33.0	27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 48.715 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039106.D
Acq: 08 Dec 2023 15:41

Tgt Ion:180	Resp: 109428
Ion Ratio	Lower Upper
180 100	
182 94.9	76.8 115.2
145 34.0	27.8 41.6





#71

Naphthalene

Concen: 51.341 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Instrument :

MSVOA_X

ClientSampleId :

VSTD050699

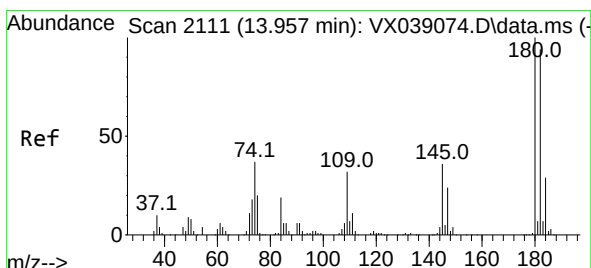
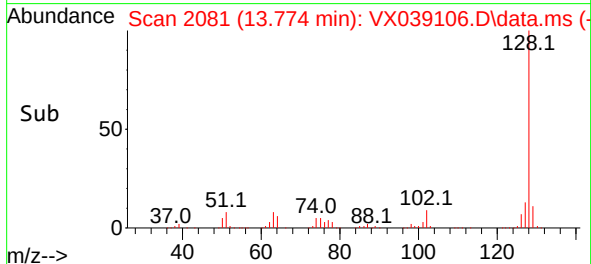
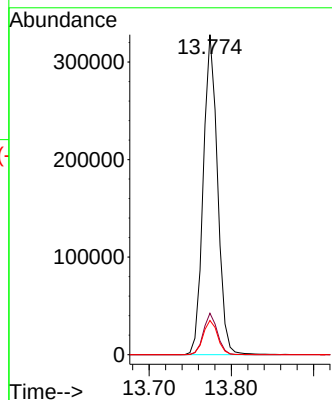
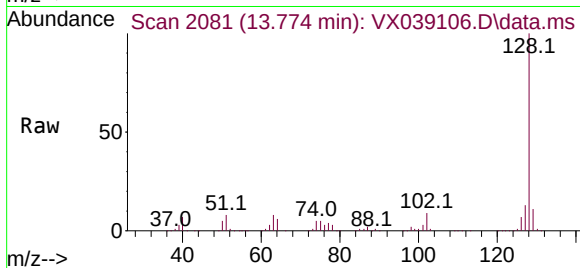
Tgt Ion:128 Resp: 395519

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 49.539 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039106.D

Acq: 08 Dec 2023 15:41

Tgt Ion:180 Resp: 107750

Ion Ratio Lower Upper

180 100

182 95.8 75.9 113.9

145 35.8 28.6 42.8

