

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039072.D
 Acq On : 05 Dec 2023 10:15
 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 02:08:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:08:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	273424	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	252327	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	123697	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	11283	5.261	ug/L	0.00
7) Chloroethane-d5	1.672	69	8532	5.382	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	4907	5.212	ug/L	0.00
21) 2-Butanone-d5	4.452	46	19012	9.794	ug/L	0.00
24) Chloroform-d	5.056	84	18944	4.990	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	13147	5.347	ug/L	0.00
32) Benzene-d6	5.970	84	40283	5.173	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	12808	5.111	ug/L	0.00
41) Toluene-d8	8.647	98	36938	5.234	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	6267	4.914	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	14410	9.627	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	17379	4.888	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	12096	5.173	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	11546	5.295	ug/L	93
3) Chloromethane	1.294	50	11579	5.081	ug/L	96
5) Vinyl chloride	1.374	62	11806	5.256	ug/L	92
6) Bromomethane	1.617	94	6335	5.225	ug/L	90
8) Chloroethane	1.691	64	6529	5.141	ug/L	98
9) Trichlorofluoromethane	1.892	101	14798	5.083	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	9668	5.163	ug/L	98
12) 1,1-Dichloroethene	2.319	96	8963	5.088	ug/L	98
13) Acetone	2.373	43	20003	10.726	ug/L	98
14) Carbon disulfide	2.514	76	28000	4.995	ug/L	98
15) Methyl Acetate	2.703	43	12882	4.833	ug/L	99
16) Methylene chloride	2.788	84	10412	5.145	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	9340	5.033	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	32227	4.989	ug/L	99
19) 1,1-Dichloroethane	3.611	63	18212	4.963	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	10791	5.013	ug/L	96
22) 2-Butanone	4.562	43	22728	9.930	ug/L	76
23) Bromochloromethane	4.897	128	4977	4.918	ug/L	96
25) Chloroform	5.086	83	18654	5.096	ug/L	97
27) 1,2-Dichloroethane	6.080	62	14337	4.963	ug/L #	92
29) Cyclohexane	5.470	56	18082	5.123	ug/L #	94
30) 1,1,1-Trichloroethane	5.379	97	15236	4.977	ug/L	99
31) Carbon tetrachloride	5.678	117	12460	4.878	ug/L	99
33) Benzene	6.037	78	40658	5.070	ug/L	100
34) Trichloroethene	7.123	95	10757	5.076	ug/L	97
35) Methylcyclohexane	7.379	83	17891	5.069	ug/L	96
37) 1,2-Dichloropropane	7.427	63	11142	5.010	ug/L #	97
38) Bromodichloromethane	7.818	83	13207	4.883	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	17566	4.952	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	35618	9.556	ug/L	99
42) Toluene	8.720	91	44100	5.186	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	15997	4.860	ug/L	97

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 Operator : JC/MD
 Sample : VSTD005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

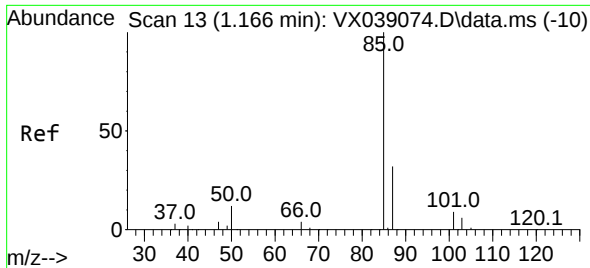
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 02:08:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:08:33 2023
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	9.153	97	10382	5.094	ug/L	93
46) Tetrachloroethene	9.269	164	7056	5.047	ug/L	92
48) 2-Hexanone	9.427	43	30060	9.636	ug/L	98
49) Dibromochloromethane	9.518	129	9478	4.774	ug/L	97
50) 1,2-Dibromoethane	9.610	107	10593	4.852	ug/L #	98
51) Chlorobenzene	10.079	112	26660	5.076	ug/L	94
52) Ethylbenzene	10.195	91	48823	5.136	ug/L	97
53) m,p-Xylene	10.299	106	17724	4.987	ug/L	96
54) o-Xylene	10.640	106	17040	4.996	ug/L	96
55) Styrene	10.659	104	28865	4.946	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	17882	5.028	ug/L	98
59) Bromoform	10.799	173	6810	4.684	ug/L	98
60) Isopropylbenzene	10.963	105	47043	5.205	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	13516	4.988	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	39494	5.176	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	37951	5.072	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	19711	5.095	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	20747	5.292	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	19294	5.214	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	4163	4.923	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	12789	4.999	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	12480	5.174	ug/L	96
71) Naphthalene	13.774	128	40463	4.892	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	12141	5.199	ug/L	98

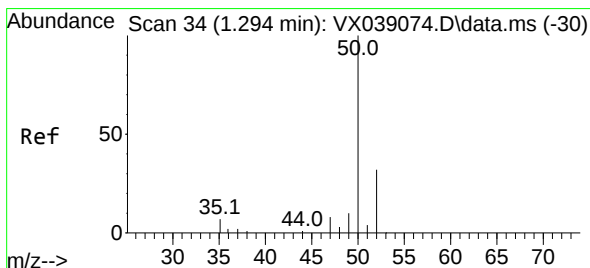
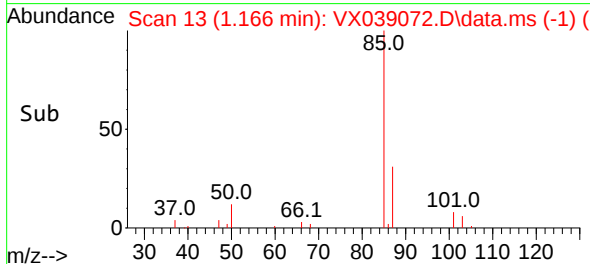
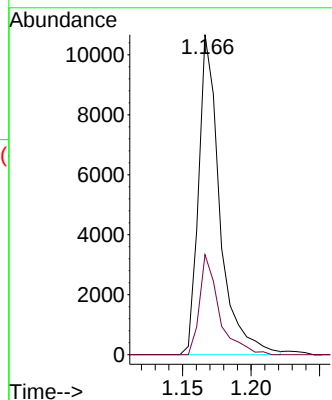
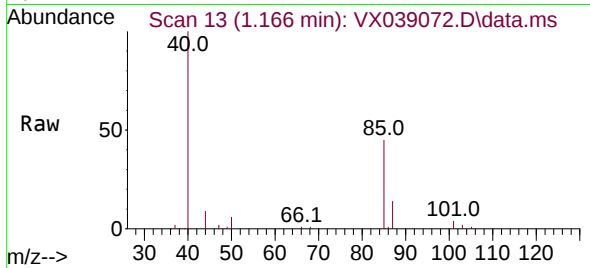
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.295 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX039072.D
 Acq: 05 Dec 2023 10:15

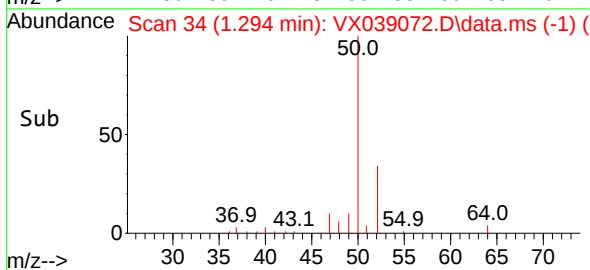
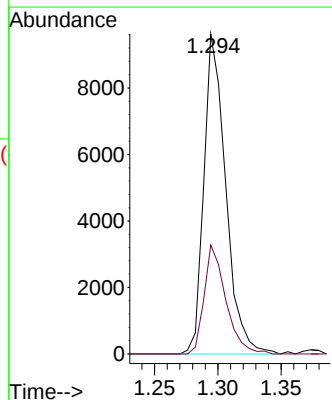
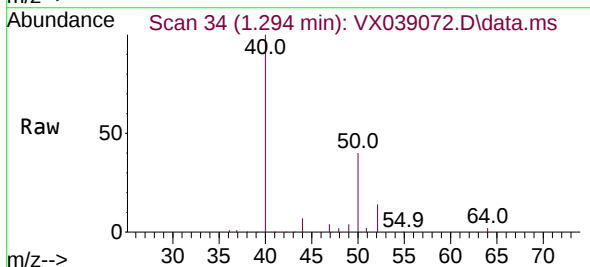
Instrument :
 MSVOA_X
 ClientSampleId :

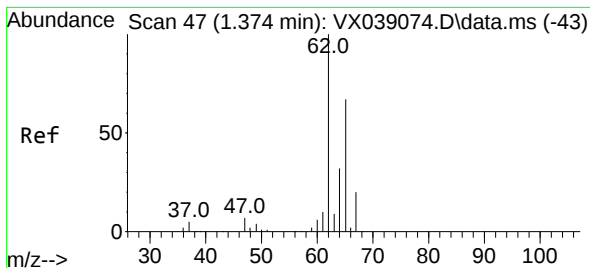
Tgt Ion: 85 Resp: 11546
 Ion Ratio Lower Upper
 85 100
 87 28.8 26.2 39.4



#3
 Chloromethane
 Concen: 5.081 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX039072.D
 Acq: 05 Dec 2023 10:15

Tgt Ion: 50 Resp: 11579
 Ion Ratio Lower Upper
 50 100
 52 34.1 22.4 41.6





#5

Vinyl chloride

Concen: 5.256 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

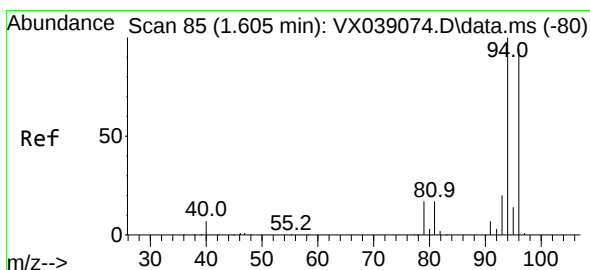
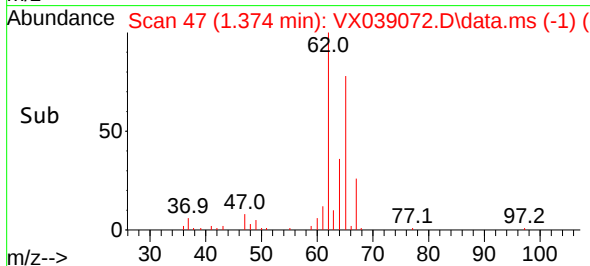
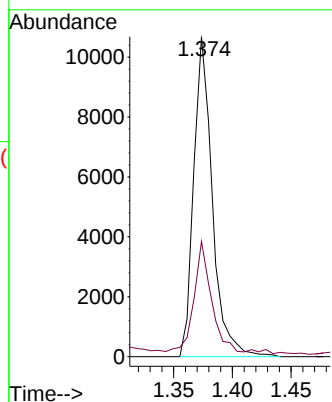
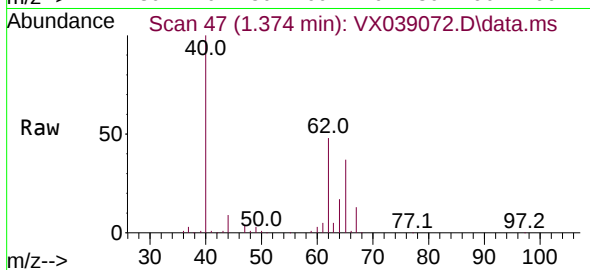
ClientSampleId :

Tgt Ion: 62 Resp: 11806

Ion Ratio Lower Upper

62 100

64 36.1 22.3 41.3



#6

Bromomethane

Concen: 5.225 ug/L

RT: 1.617 min Scan# 87

Delta R.T. 0.012 min

Lab File: VX039072.D

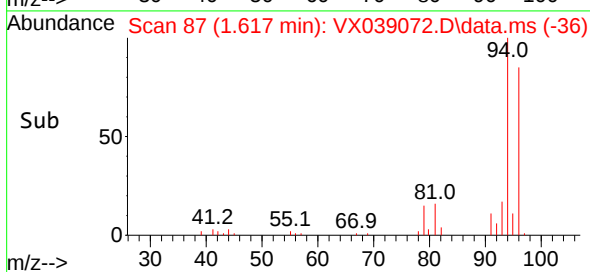
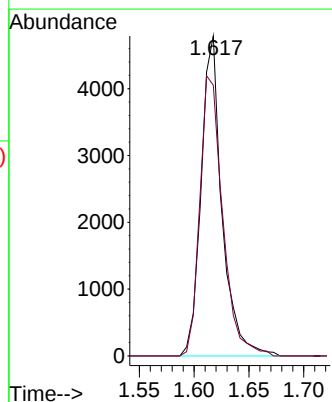
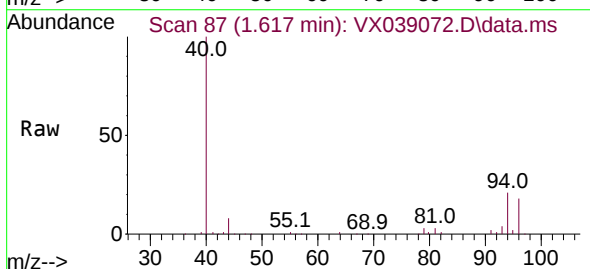
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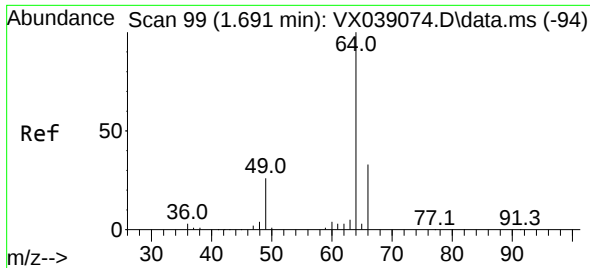
Tgt Ion: 94 Resp: 6335

Ion Ratio Lower Upper

94 100

96 84.6 65.8 122.2

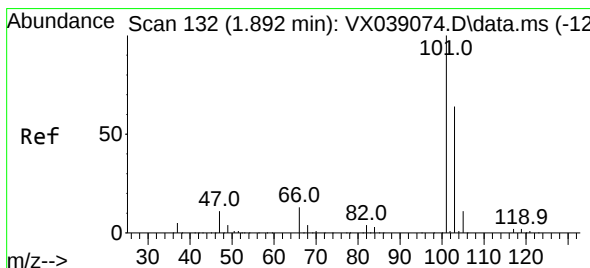
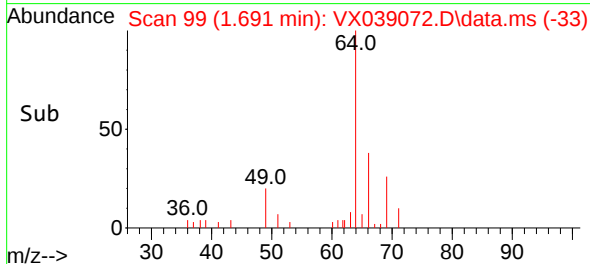
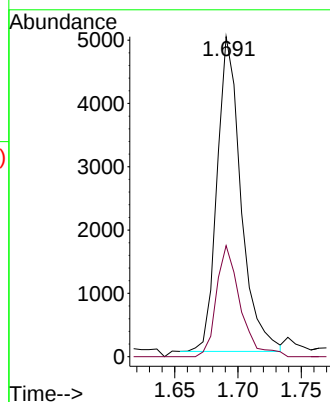
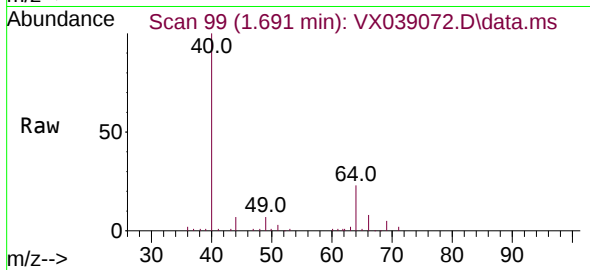




#8
Chloroethane
Concen: 5.141 ug/L
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

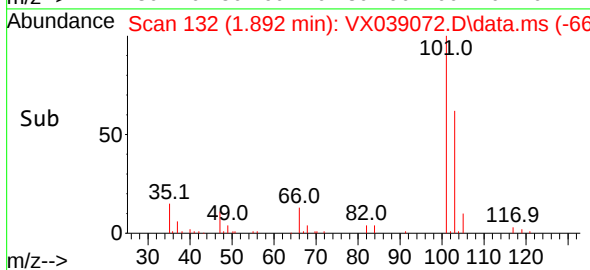
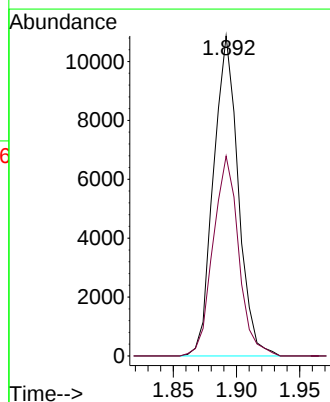
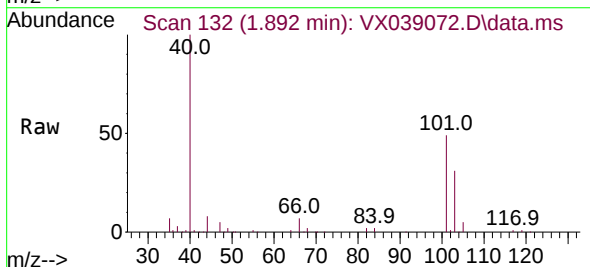
Instrument :
MSVOA_X
ClientSampleId :

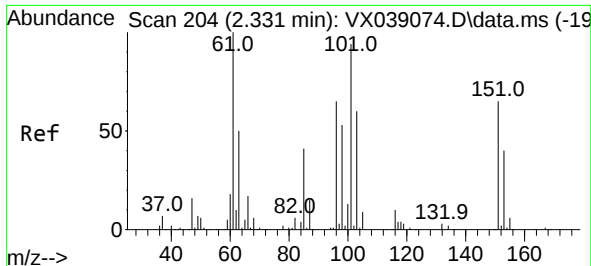
Tgt Ion: 64 Resp: 6529
Ion Ratio Lower Upper
64 100
66 34.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.083 ug/L
RT: 1.892 min Scan# 132
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt Ion:101 Resp: 14798
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

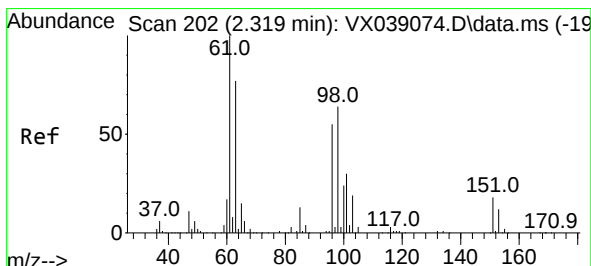
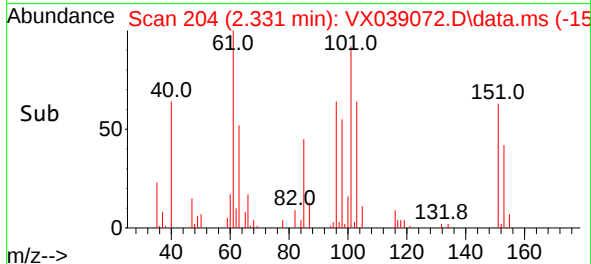
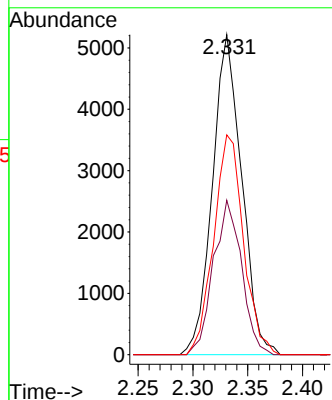
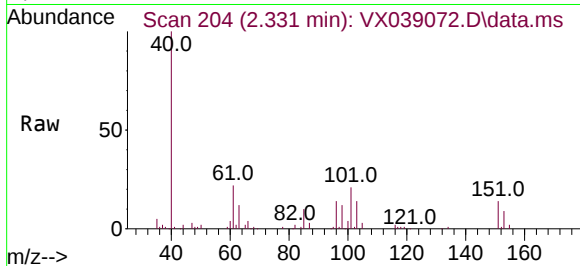




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.163 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

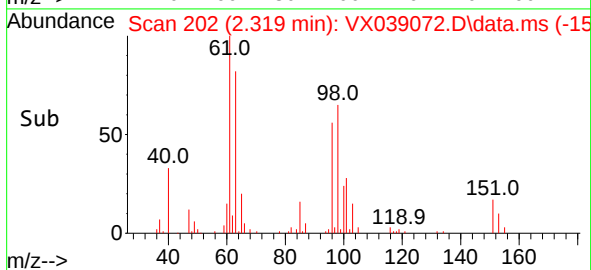
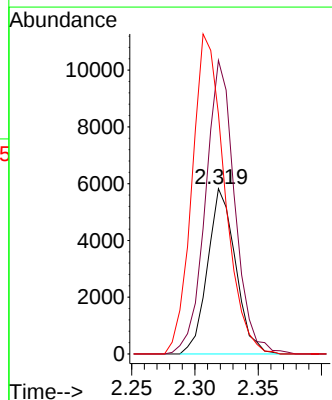
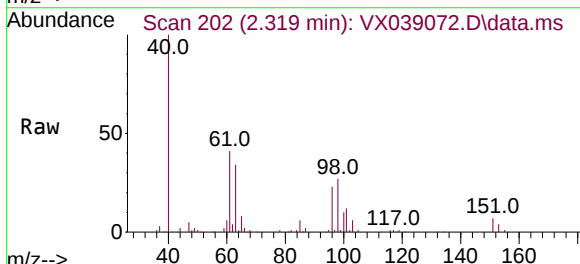
Instrument :
MSVOA_X
ClientSampleId :

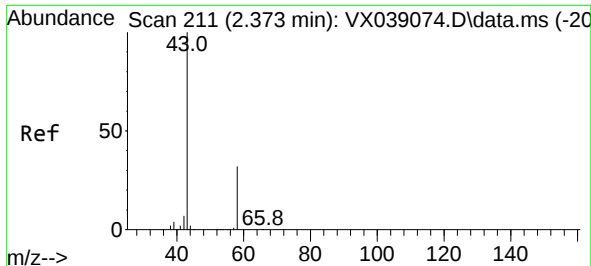
Tgt Ion:101 Resp: 9668
Ion Ratio Lower Upper
101 100
85 46.7 35.8 53.6
151 70.0 55.4 83.2



#12
1,1-Dichloroethene
Concen: 5.088 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt Ion: 96 Resp: 8963
Ion Ratio Lower Upper
96 100
61 177.6 128.0 237.6
63 145.1 101.5 188.5





#13

Acetone

Concen: 10.726 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

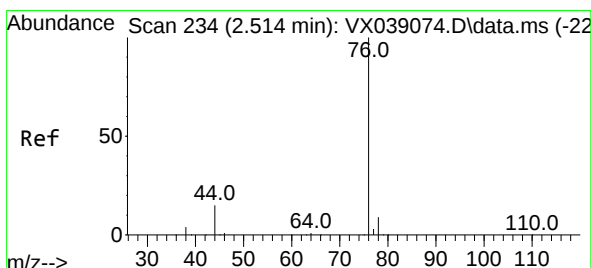
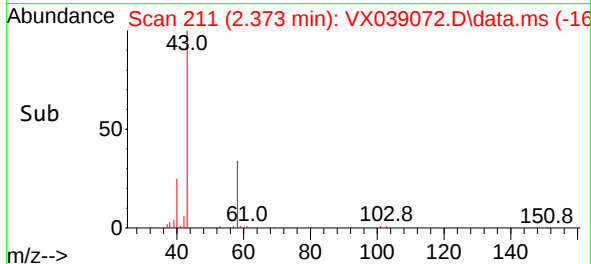
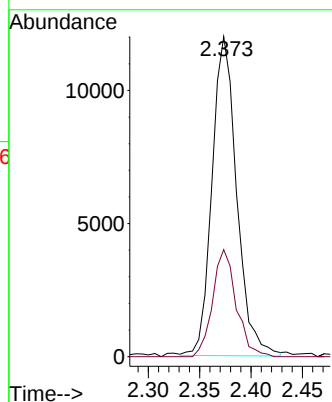
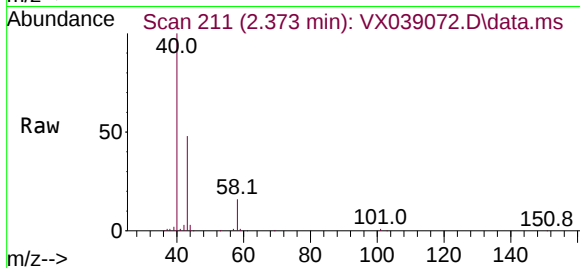
ClientSampleId :

Tgt Ion: 43 Resp: 20003

Ion Ratio Lower Upper

43 100

58 32.0 0.0 65.8



#14

Carbon disulfide

Concen: 4.995 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX039072.D

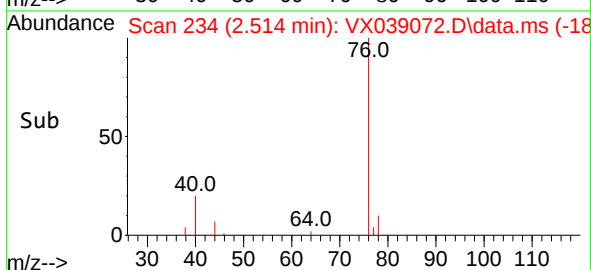
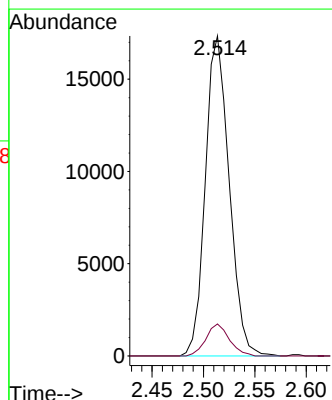
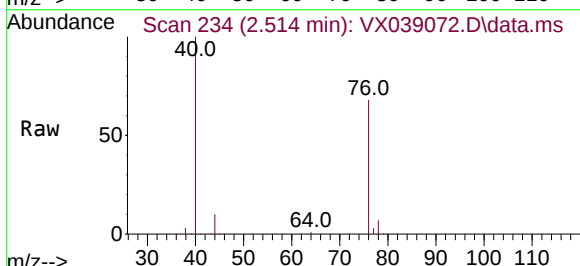
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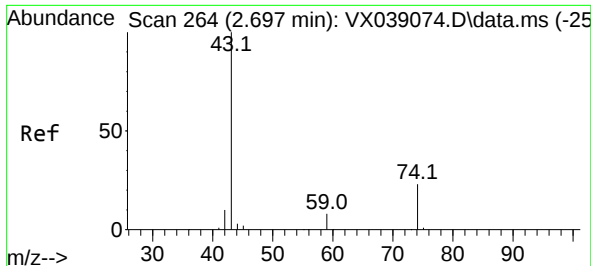
Tgt Ion: 76 Resp: 28000

Ion Ratio Lower Upper

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78 10.0 7.4 11.2

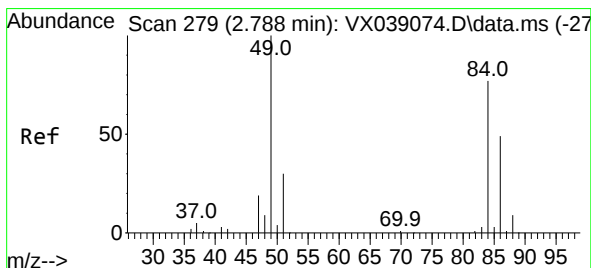
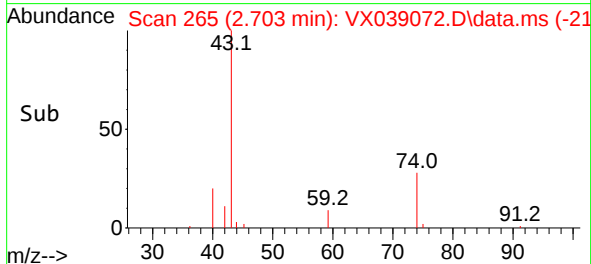
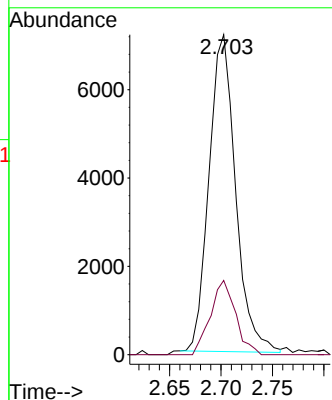
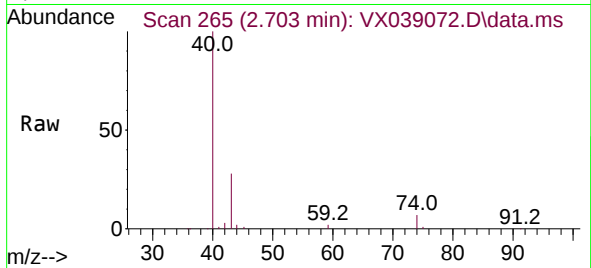




#15
Methyl Acetate
Concen: 4.833 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

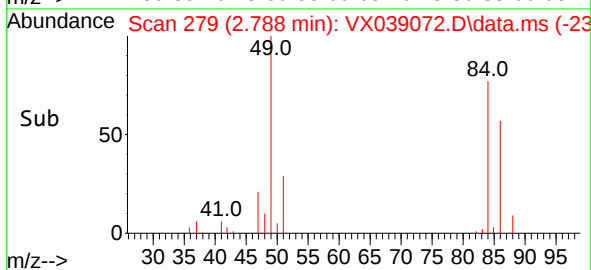
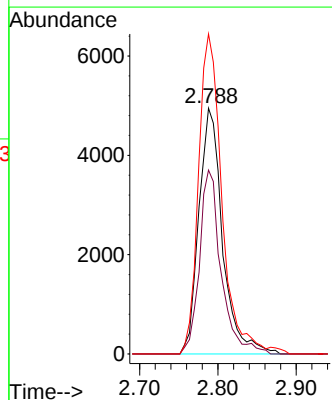
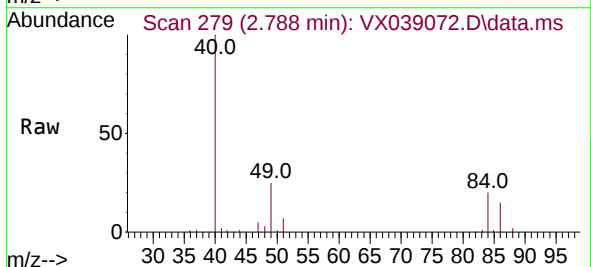
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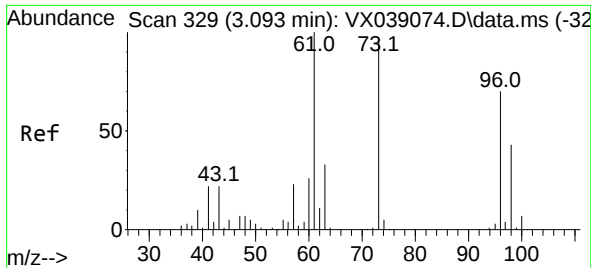
Tgt Ion: 43 Resp: 12882
Ion Ratio Lower Upper
43 100
74 22.2 18.2 27.4



#16
Methylene chloride
Concen: 5.145 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt Ion: 84 Resp: 10412
Ion Ratio Lower Upper
84 100
86 74.8 44.7 82.9
49 130.2 90.9 168.7

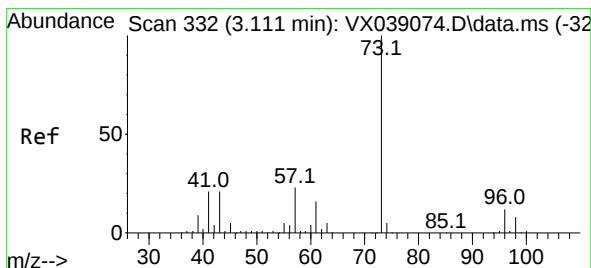
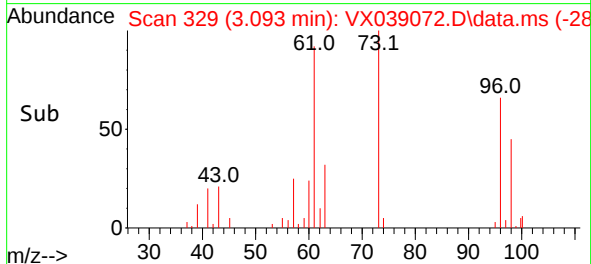
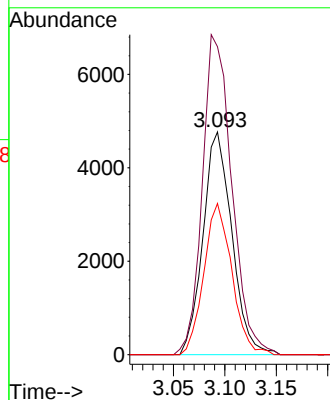
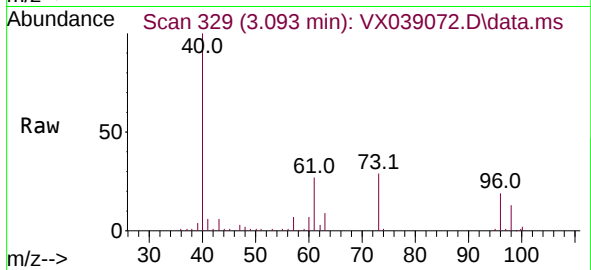




#17
 trans-1,2-Dichloroethene
 Concen: 5.033 ug/L
 RT: 3.093 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VX039072.D
 Acq: 05 Dec 2023 10:15

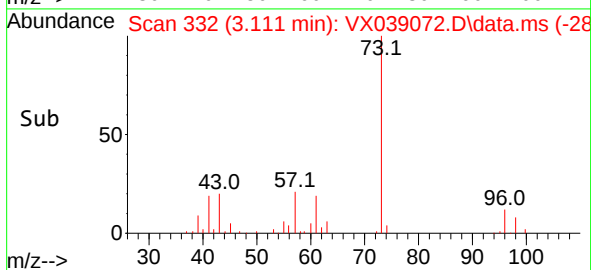
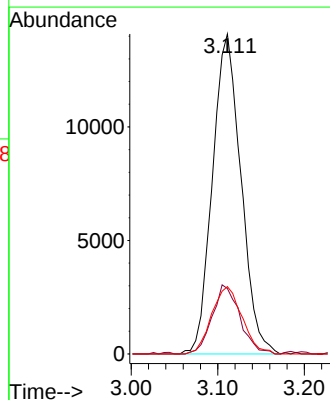
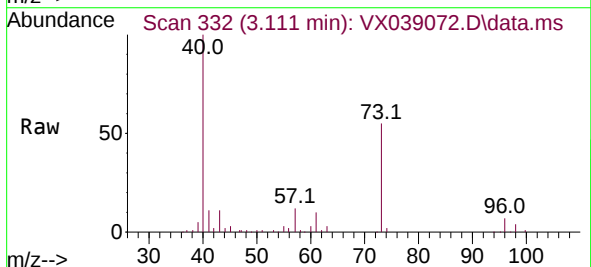
Instrument :
 MSVOA_X
 ClientSampleId :

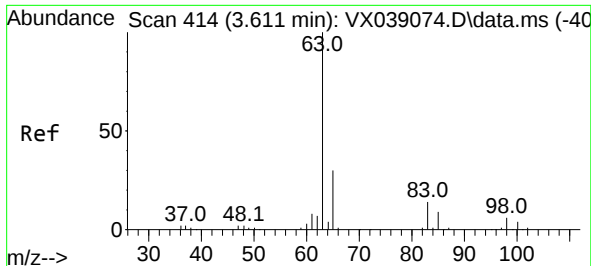
Tgt Ion: 96 Resp: 9340
 Ion Ratio Lower Upper
 96 100
 61 138.3 99.8 185.3
 98 67.9 42.6 79.2



#18
 Methyl tert-butyl Ether
 Concen: 4.989 ug/L
 RT: 3.111 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VX039072.D
 Acq: 05 Dec 2023 10:15

Tgt Ion: 73 Resp: 32227
 Ion Ratio Lower Upper
 73 100
 43 20.8 16.9 25.3
 57 22.5 18.5 27.7





#19

1,1-Dichloroethane

Concen: 4.963 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX039072.D

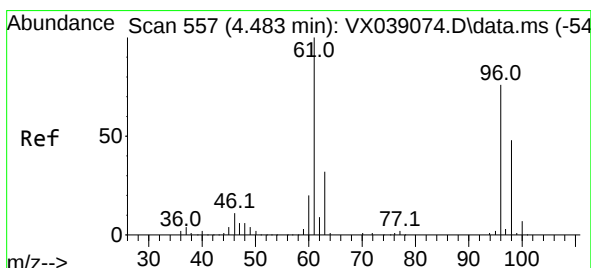
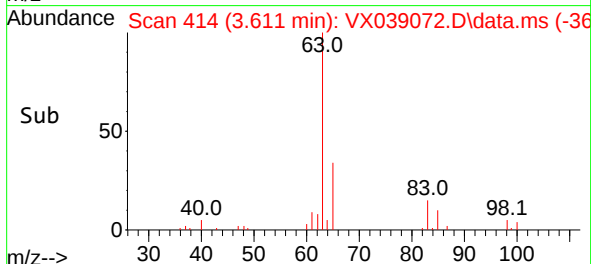
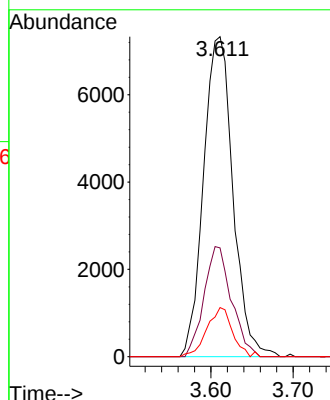
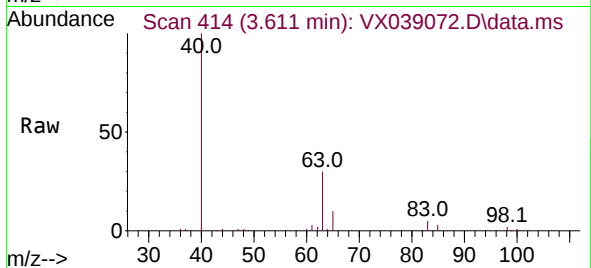
Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 63	Resp: 18212
Ion Ratio	Lower Upper
63 100	
65 34.0	21.1 39.3
83 15.4	9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 5.013 ug/L

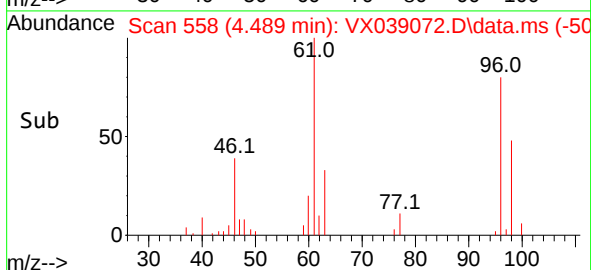
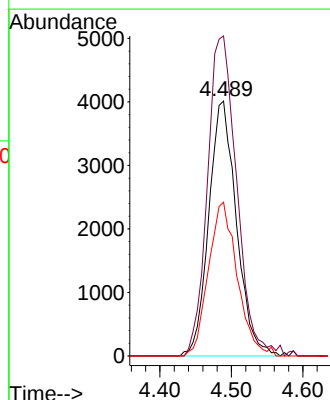
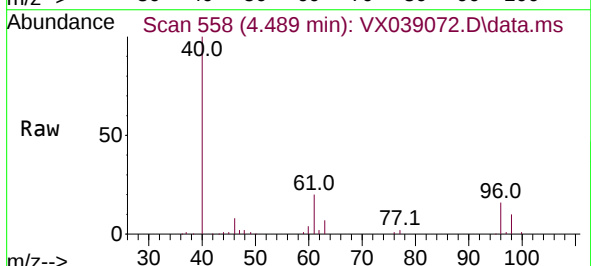
RT: 4.489 min Scan# 558

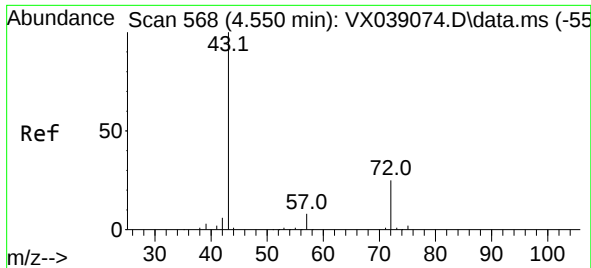
Delta R.T. 0.006 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Tgt Ion: 96	Resp: 10791
Ion Ratio	Lower Upper
96 100	
61 125.6	91.7 170.3
98 60.4	44.2 82.2

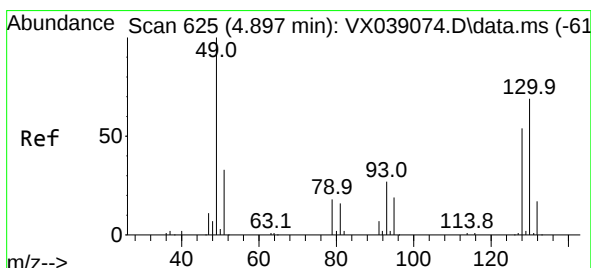
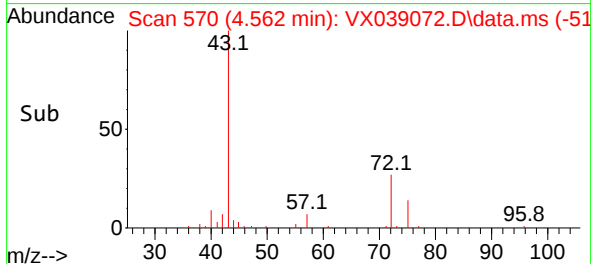
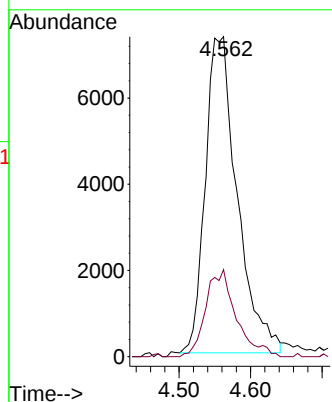
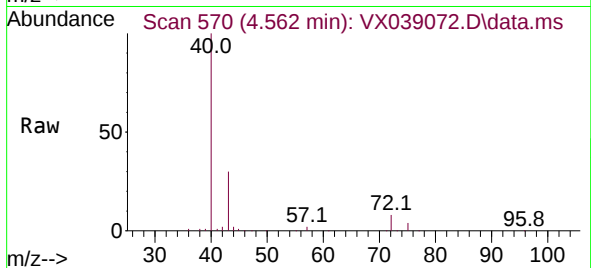




#22
2-Butanone
Concen: 9.930 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

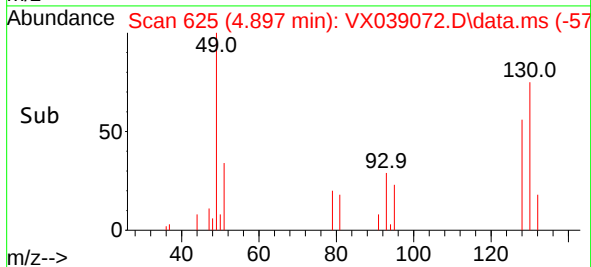
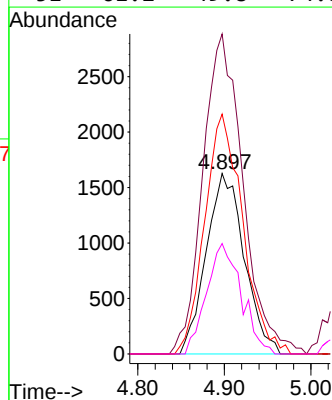
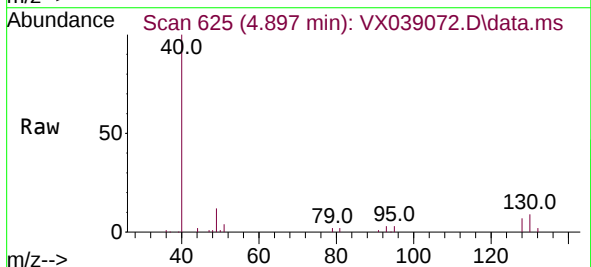
Instrument :
MSVOA_X
ClientSampleId :

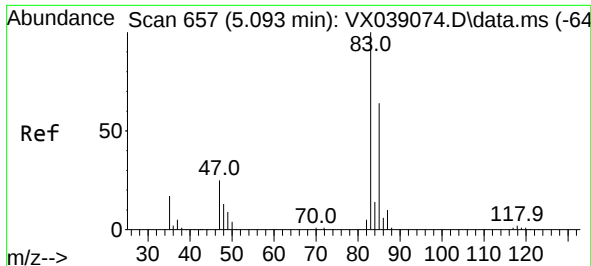
Tgt Ion: 43 Resp: 22728
Ion Ratio Lower Upper
43 100
72 12.9 12.6 37.6



#23
Bromochloromethane
Concen: 4.918 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt Ion: 128 Resp: 4977
Ion Ratio Lower Upper
128 100
49 177.3 130.8 243.0
130 132.9 90.6 168.3
51 61.2 49.8 74.8





#25

Chloroform

Concen: 5.096 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

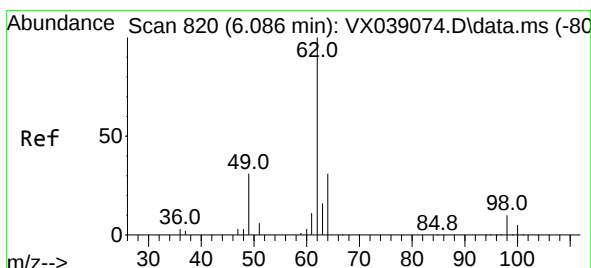
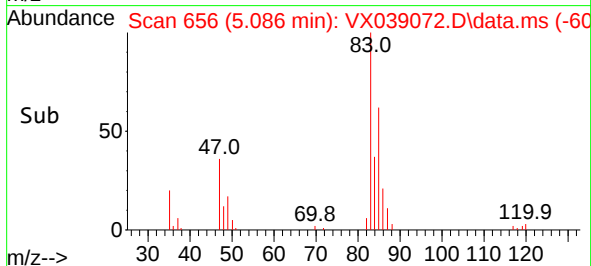
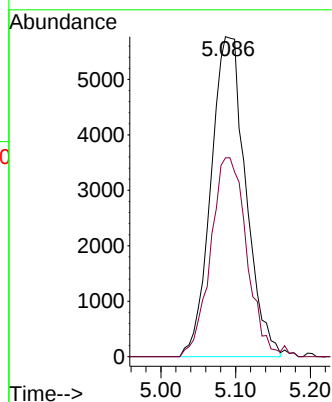
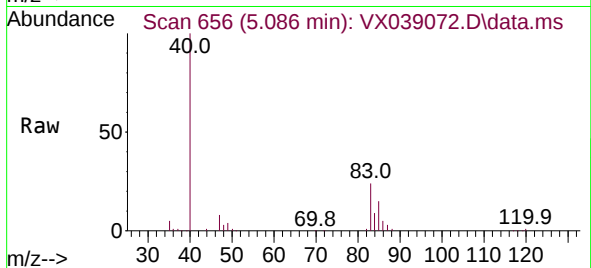
ClientSampleId :

Tgt Ion: 83 Resp: 18654

Ion Ratio Lower Upper

83 100

85 62.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 4.963 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX039072.D

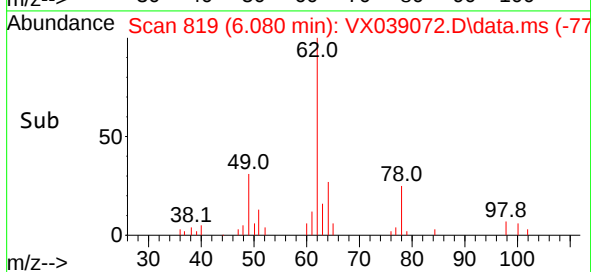
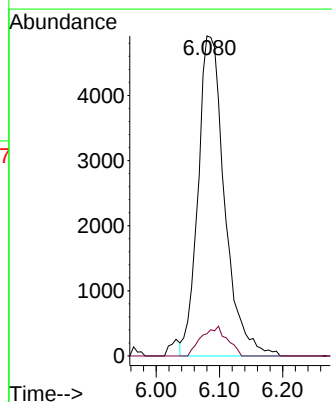
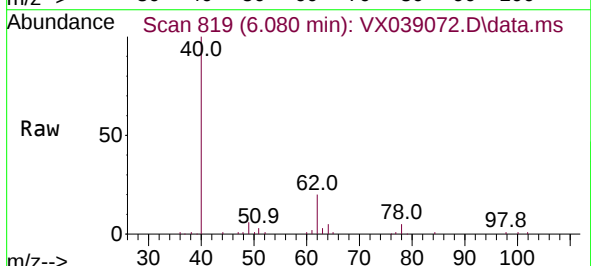
Acq: 05 Dec 2023 10:15

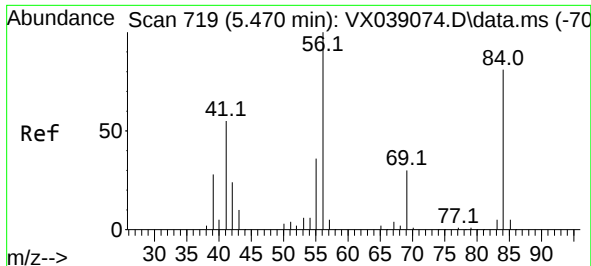
Tgt Ion: 62 Resp: 14337

Ion Ratio Lower Upper

62 100

98 6.9 8.0 12.0#





#29

Cyclohexane

Concen: 5.123 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

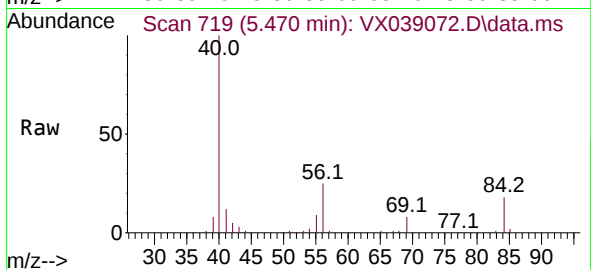
Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

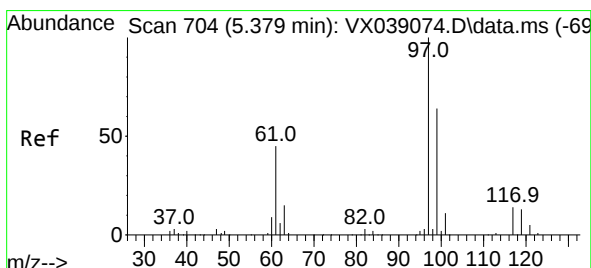
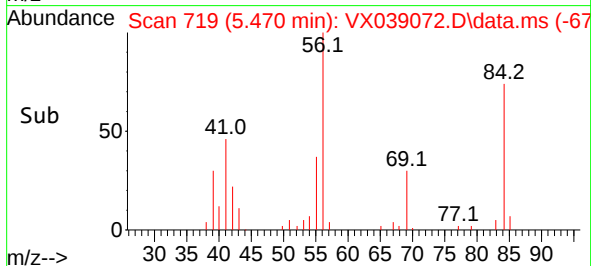
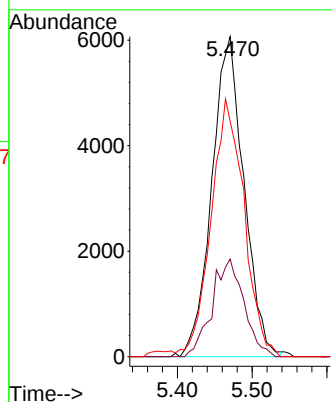
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	56	Resp:	18082
Ion Ratio	Lower	Upper	
56	100		
69	18.9	24.5	36.7#
84	82.8	67.0	100.4



#30

1,1,1-Trichloroethane

Concen: 4.977 ug/L

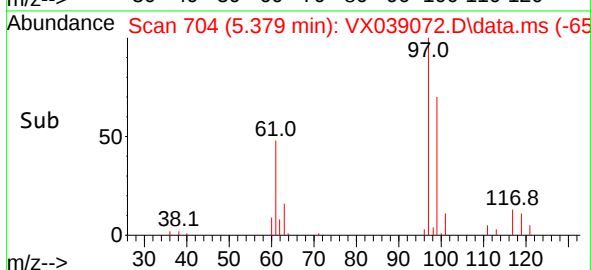
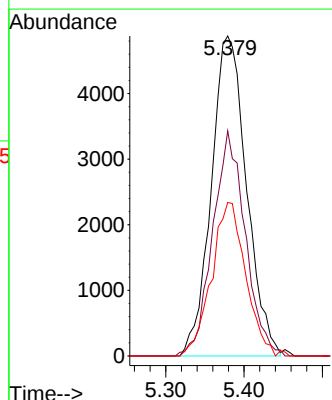
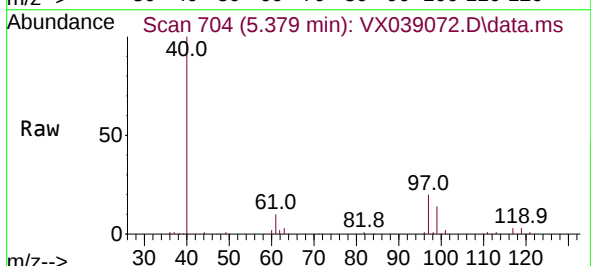
RT: 5.379 min Scan# 704

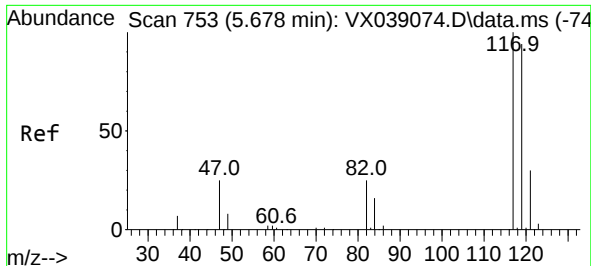
Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

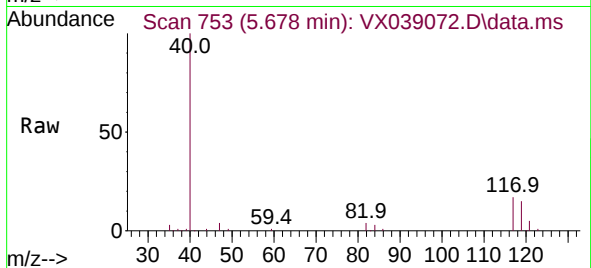
Tgt Ion:	97	Resp:	15236
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.0	76.4
61	46.3	36.7	55.1



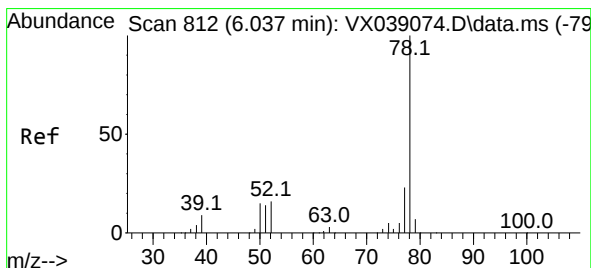
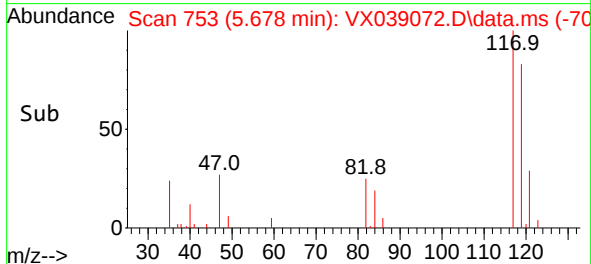
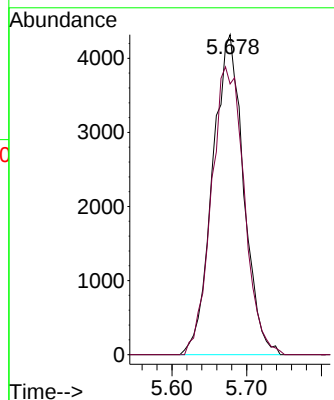


#31
Carbon tetrachloride
Concen: 4.878 ug/L
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Instrument :
MSVOA_X
ClientSampleId :

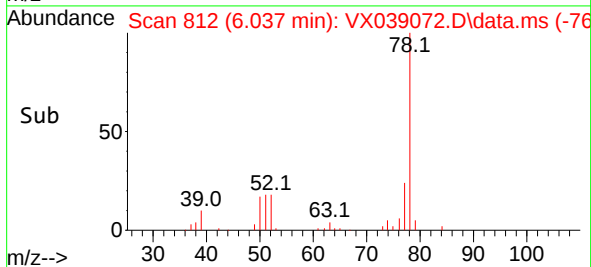
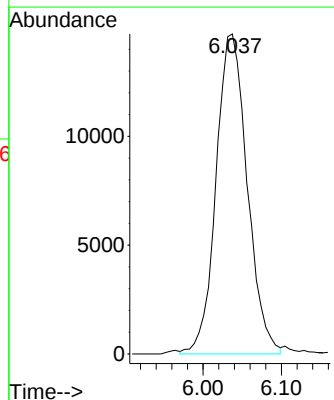
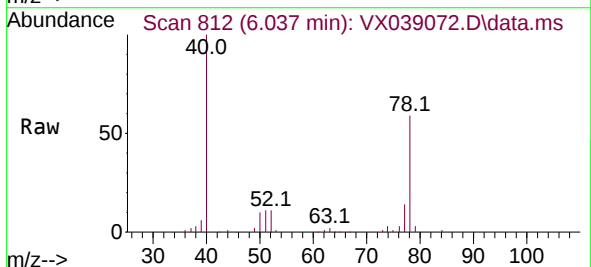


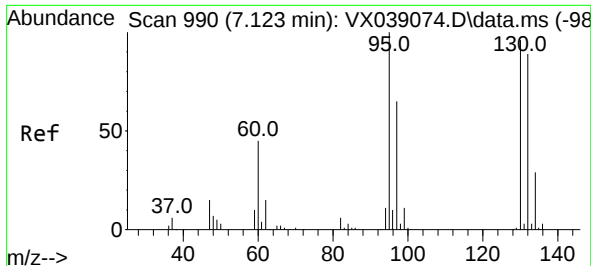
Tgt Ion:117 Resp: 12460
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4



#33
Benzene
Concen: 5.070 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

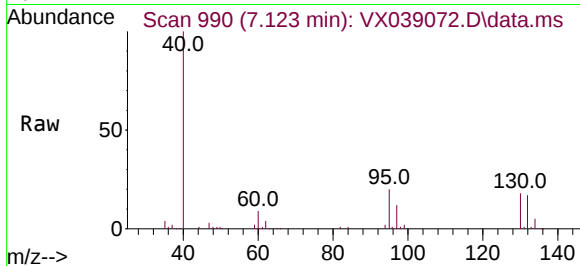
Tgt Ion: 78 Resp: 40658



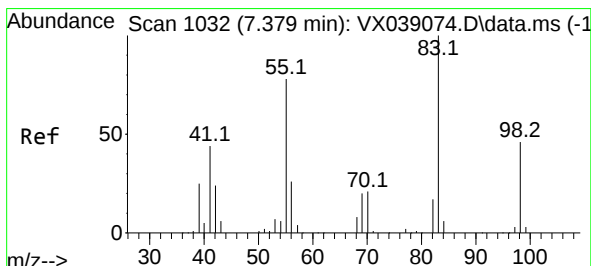
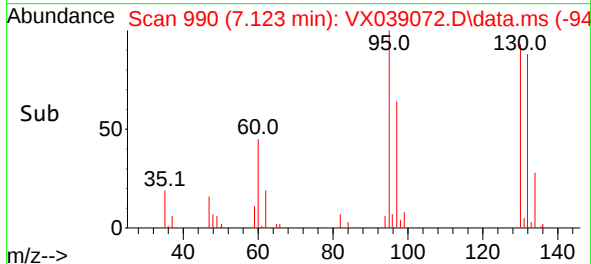
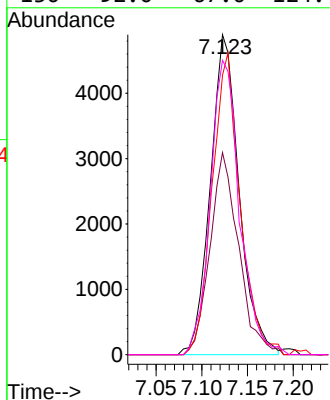


#34
Trichloroethene
Concen: 5.076 ug/L
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Instrument :
MSVOA_X
ClientSampleId :

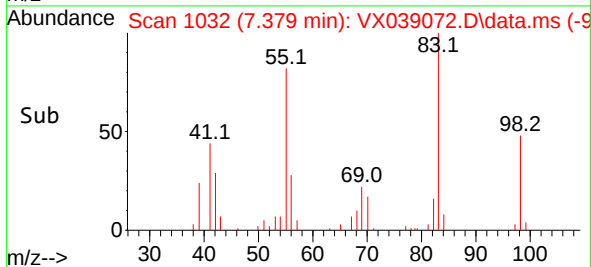
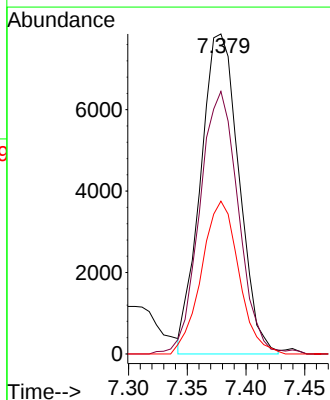
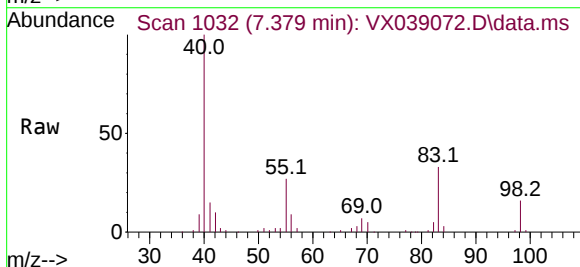


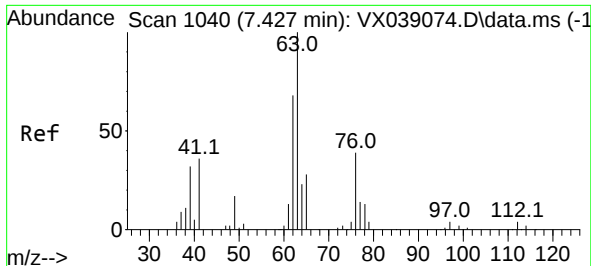
Tgt Ion:	95	Resp:	10757
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.5	84.5
132	87.4	62.2	115.4
130	92.0	67.0	124.4



#35
Methylcyclohexane
Concen: 5.069 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt Ion:	83	Resp:	17891
Ion	Ratio	Lower	Upper
83	100		
55	82.3	62.5	93.7
98	46.2	36.1	54.1





#37

1,2-Dichloropropane

Concen: 5.010 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

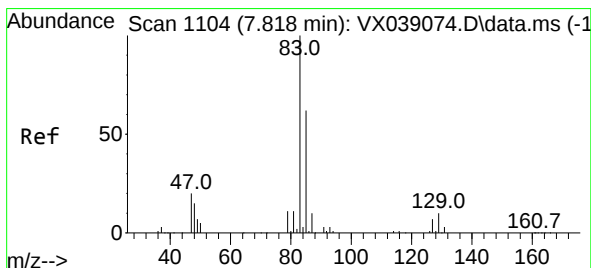
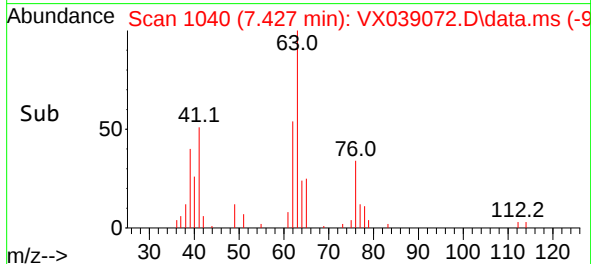
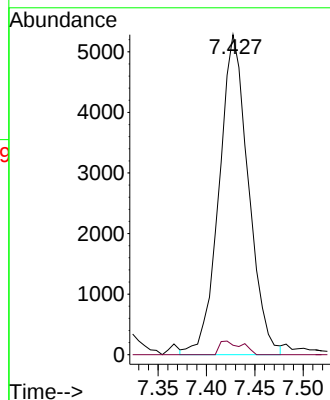
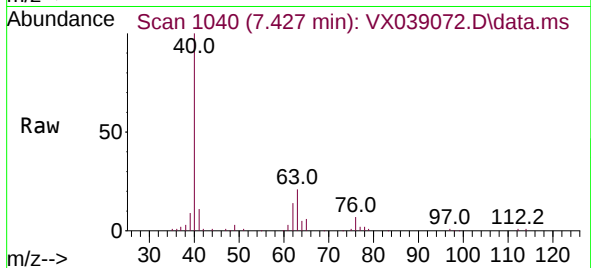
ClientSampleId :

Tgt Ion: 63 Resp: 11142

Ion Ratio Lower Upper

63 100

112 2.4 2.8 4.2#



#38

Bromodichloromethane

Concen: 4.883 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

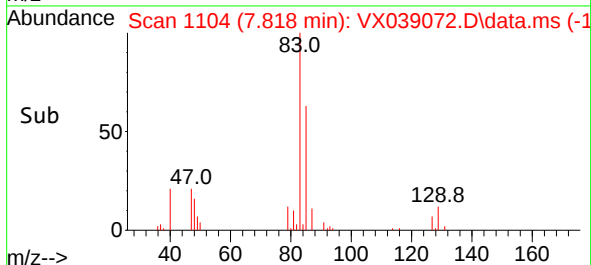
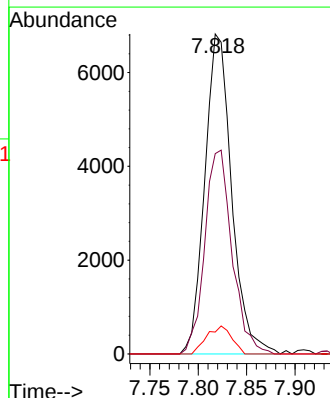
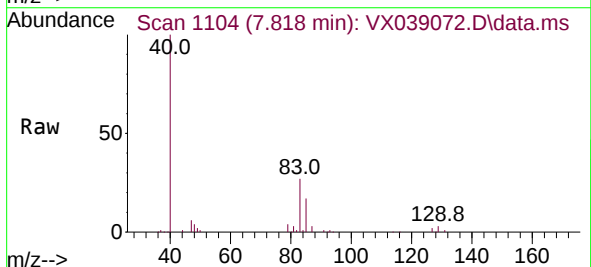
Tgt Ion: 83 Resp: 13207

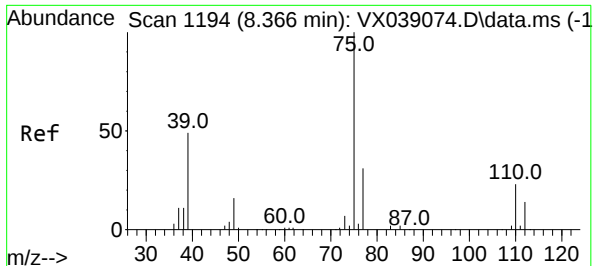
Ion Ratio Lower Upper

83 100

85 62.6 43.3 80.5

127 6.8 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 4.952 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

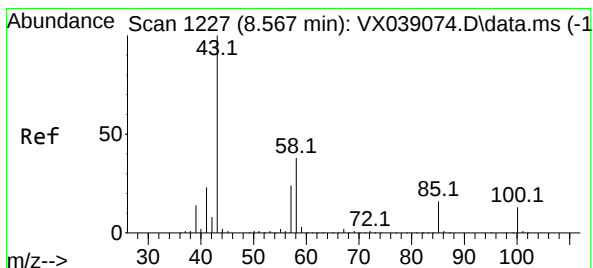
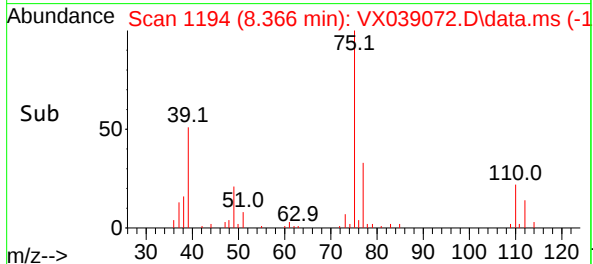
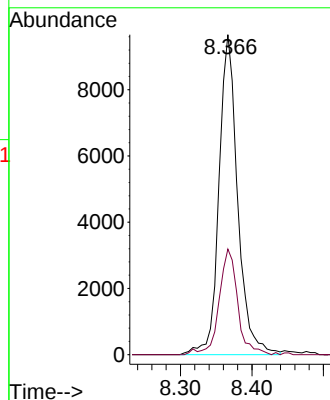
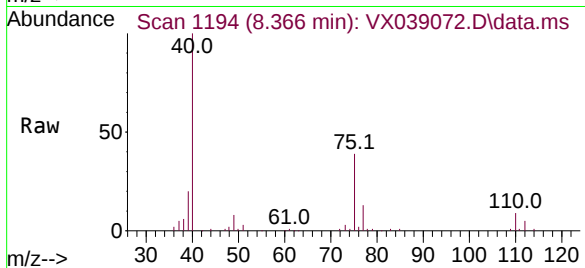
ClientSampleId :

Tgt Ion: 75 Resp: 17566

Ion Ratio Lower Upper

75 100

77 33.0 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 9.556 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

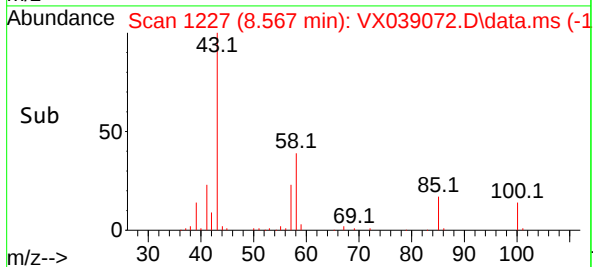
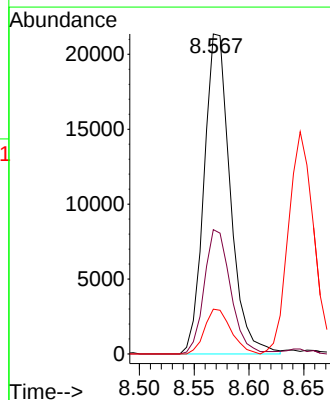
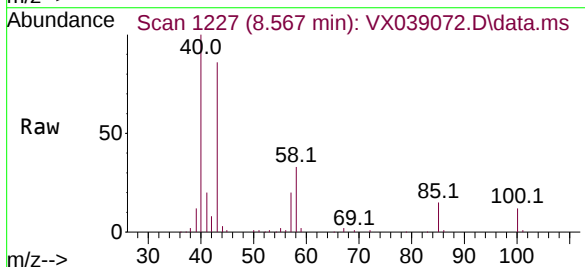
Tgt Ion: 43 Resp: 35618

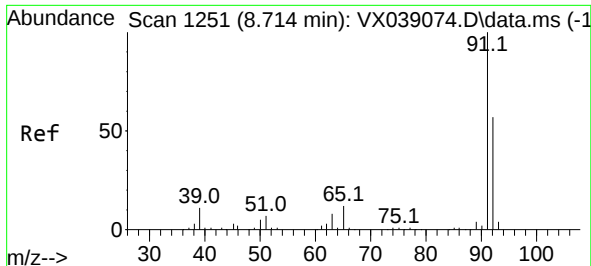
Ion Ratio Lower Upper

43 100

58 38.7 30.9 46.3

100 14.1 10.6 16.0





#42

Toluene

Concen: 5.186 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

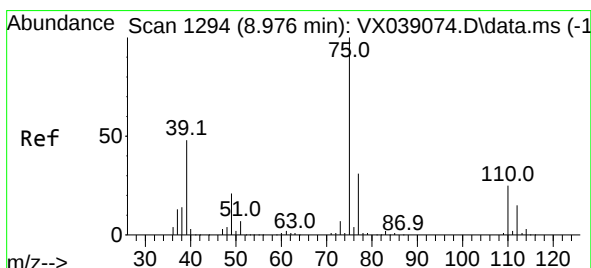
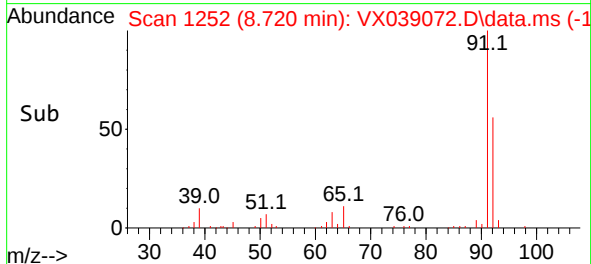
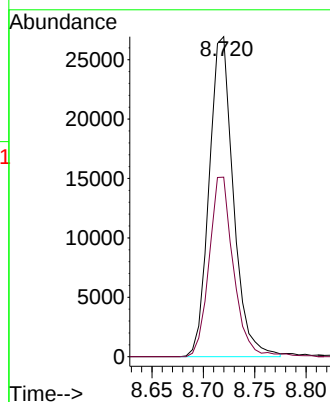
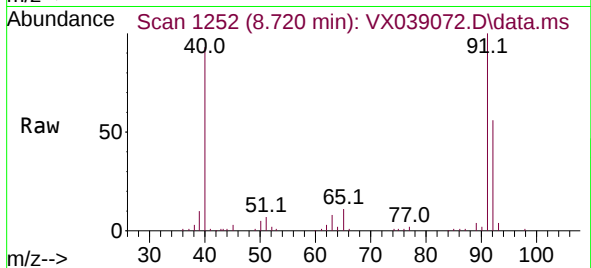
ClientSampleId :

Tgt Ion: 91 Resp: 44100

Ion Ratio Lower Upper

91 100

92 56.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.860 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX039072.D

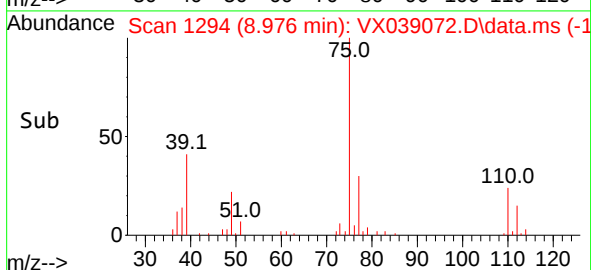
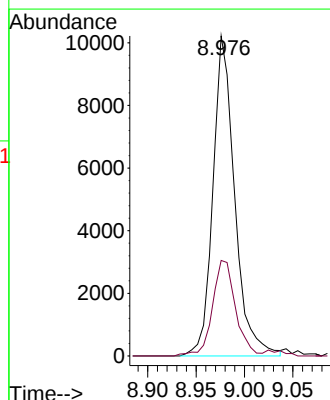
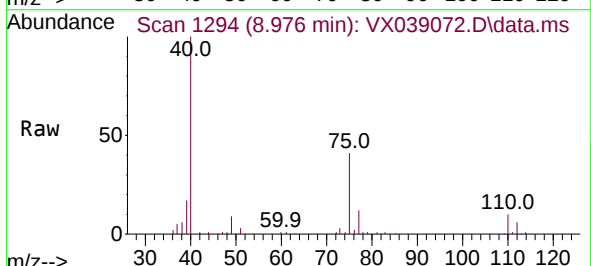
Acq: 05 Dec 2023 10:15

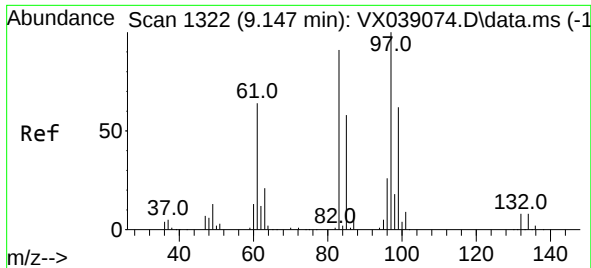
Tgt Ion: 75 Resp: 15997

Ion Ratio Lower Upper

75 100

77 29.8 22.0 40.8

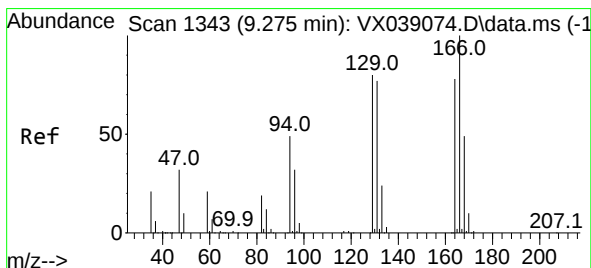
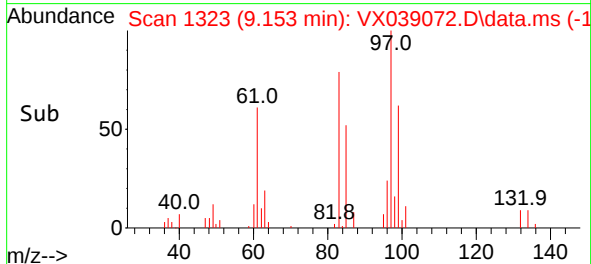
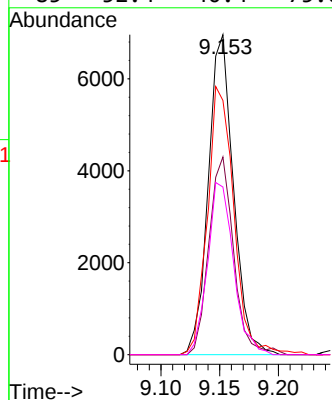
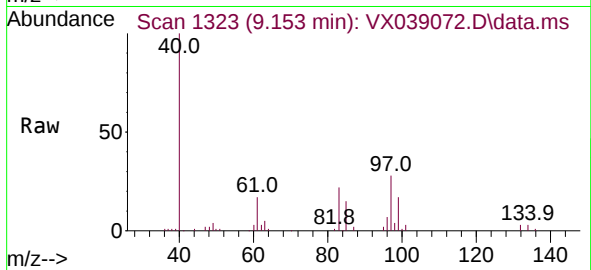




#45
1,1,2-Trichloroethane
Concen: 5.094 ug/L
RT: 9.153 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

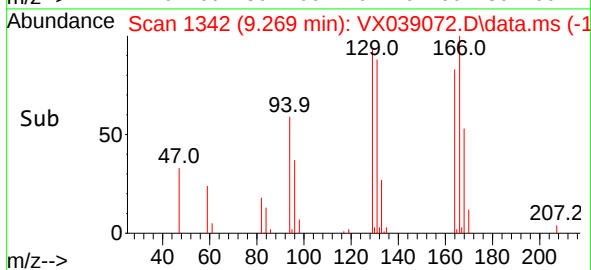
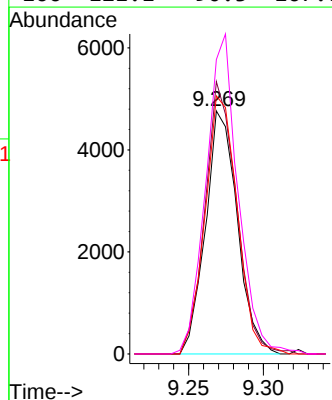
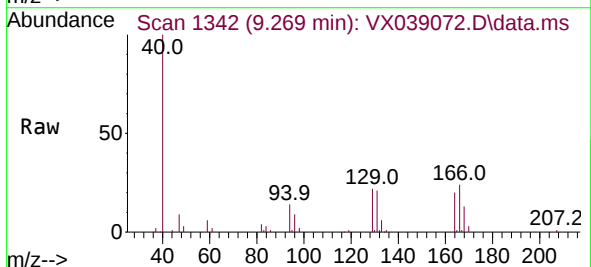
Instrument :
MSVOA_X
ClientSampleId :

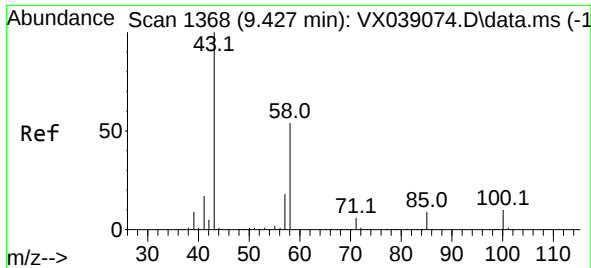
Tgt Ion: 97	Resp: 10382
Ion Ratio	Lower Upper
97 100	
99 61.8	43.1 80.1
83 79.5	64.0 118.8
85 52.4	40.4 75.0



#46
Tetrachloroethene
Concen: 5.047 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt	Ion:164	Resp:	7056
Ion	Ratio	Lower	Upper
164	100		
129	112.0	71.9	133.5
131	106.2	69.5	129.1
166	121.1	90.3	167.7

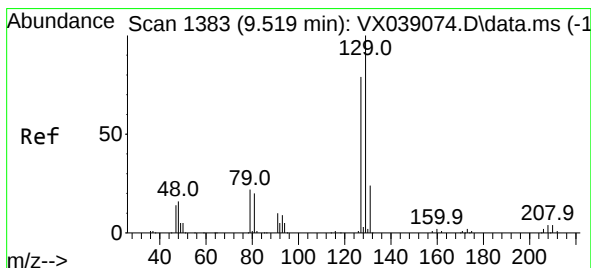
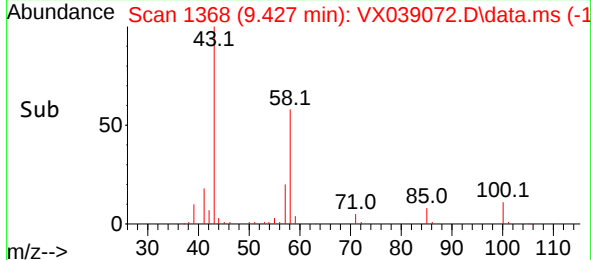
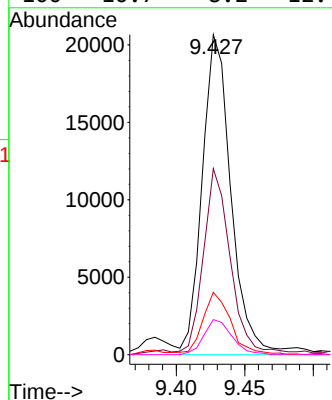
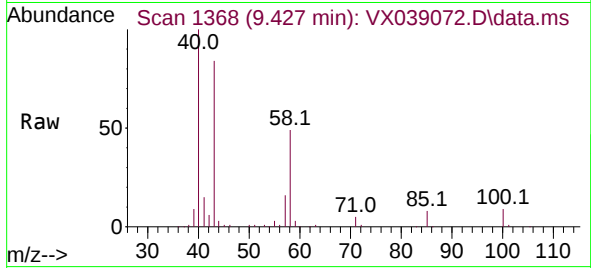




#48
2-Hexanone
Concen: 9.636 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

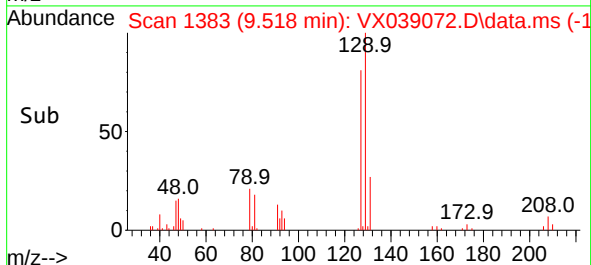
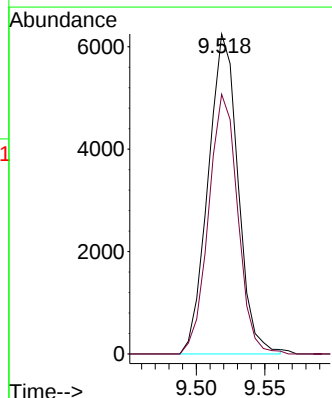
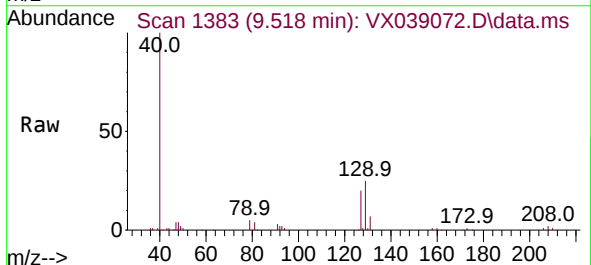
Instrument :
MSVOA_X
ClientSampleId :

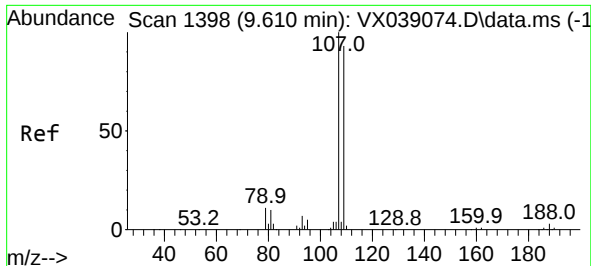
Tgt Ion: 43	Resp: 30060
Ion Ratio	Lower Upper
43	100
58	55.3 43.0 64.6
57	19.0 14.6 21.8
100	10.7 8.2 12.4



#49
Dibromochloromethane
Concen: 4.774 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt Ion: 129	Resp: 9478
Ion Ratio	Lower Upper
129	100
127	81.2 55.2 102.4





#50

1,2-Dibromoethane

Concen: 4.852 ug/L

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX039072.D

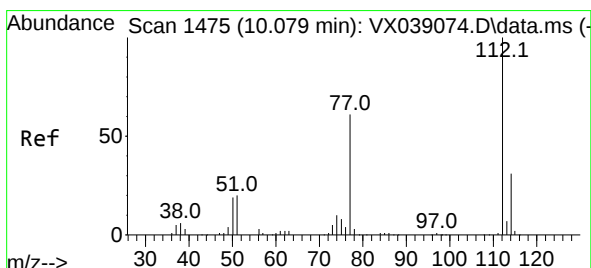
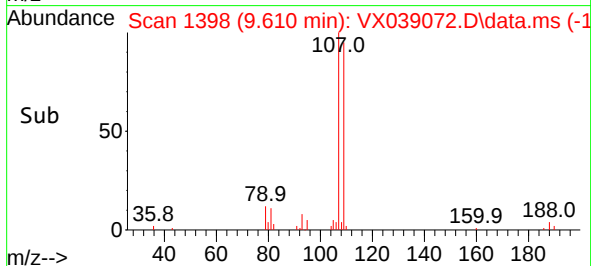
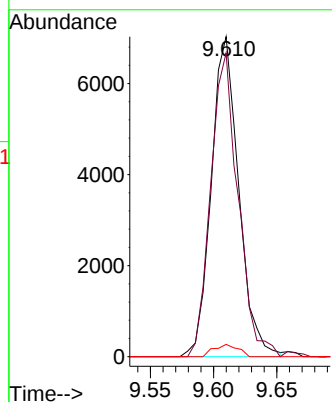
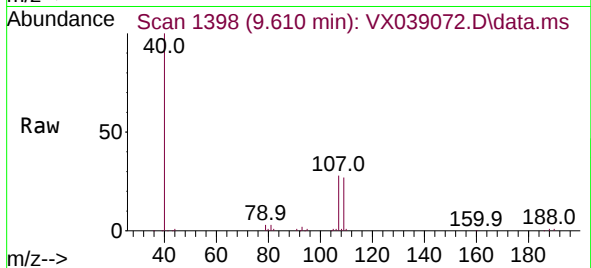
Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:107	Resp:	10593
Ion	Ratio	Lower Upper
107	100	
109	94.9	65.2 121.0
188	3.9	2.5 3.7#



#51

Chlorobenzene

Concen: 5.076 ug/L

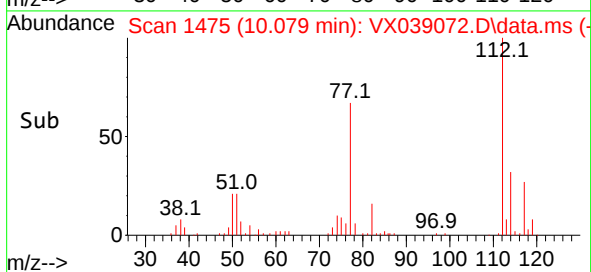
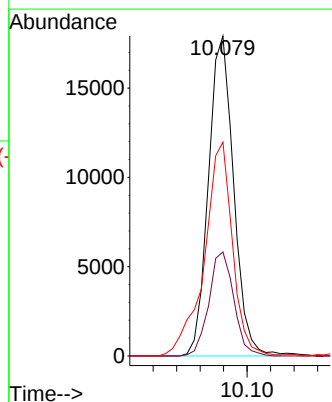
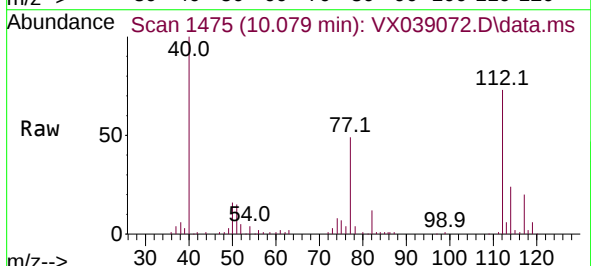
RT: 10.079 min Scan# 1475

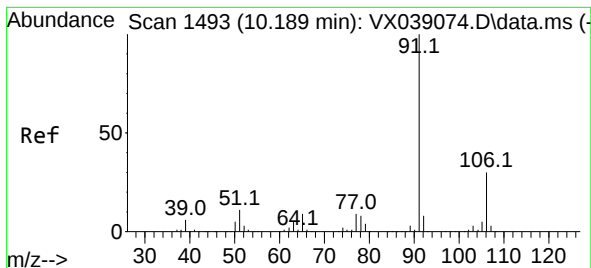
Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Tgt Ion:112	Resp:	26660
Ion	Ratio	Lower Upper
112	100	
114	32.5	21.8 40.4
77	66.8	49.0 73.6

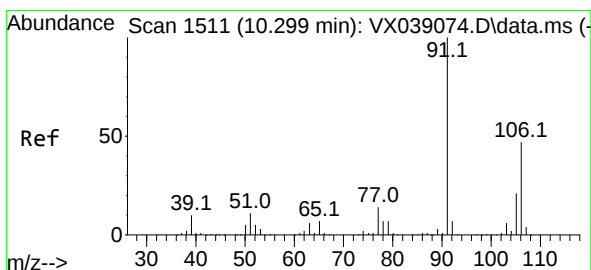
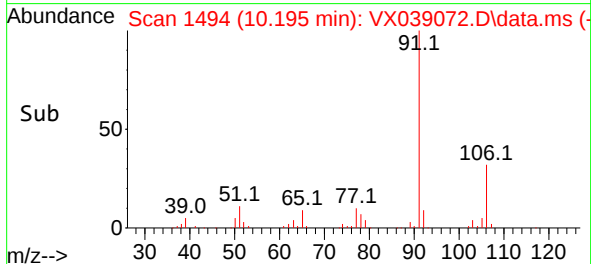
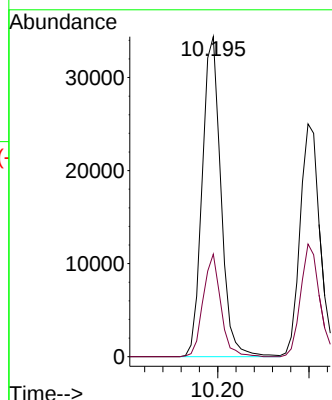
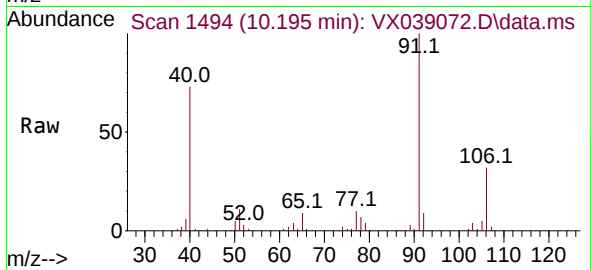




#52
Ethylbenzene
Concen: 5.136 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

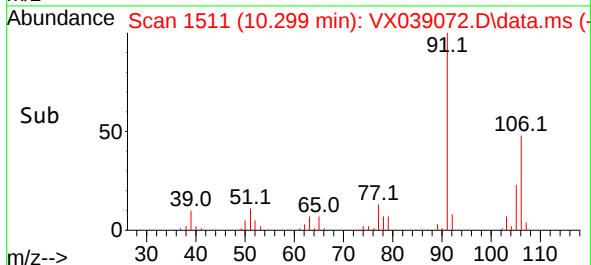
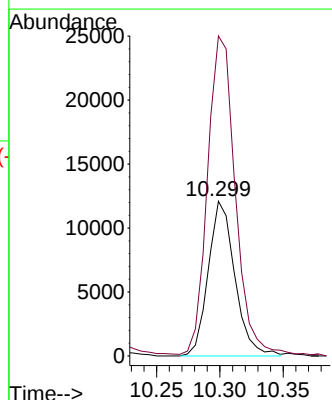
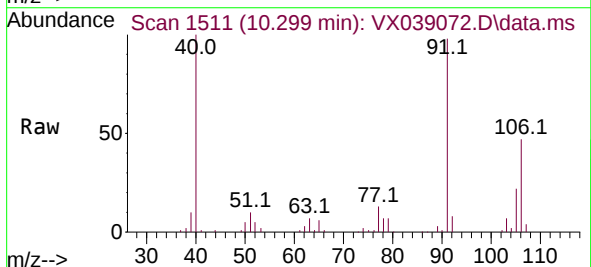
Instrument :
MSVOA_X
ClientSampleId :

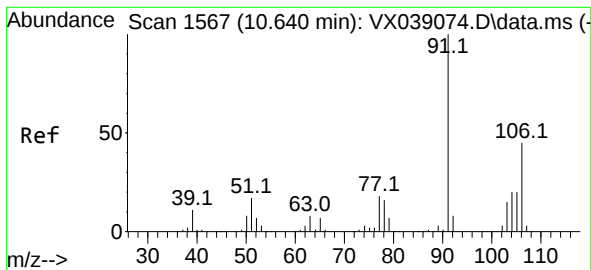
Tgt Ion: 91 Resp: 48823
Ion Ratio Lower Upper
91 100
106 32.1 21.2 39.4



#53
m,p-Xylene
Concen: 4.987 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt Ion: 106 Resp: 17724
Ion Ratio Lower Upper
106 100
91 206.7 149.0 276.8





#54

o-Xylene

Concen: 4.996 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

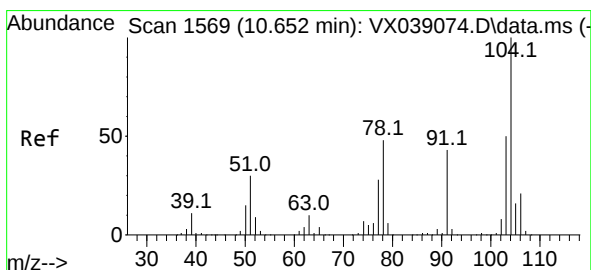
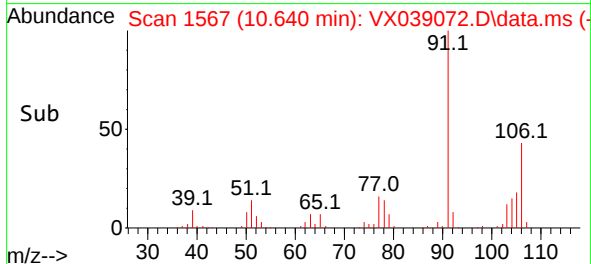
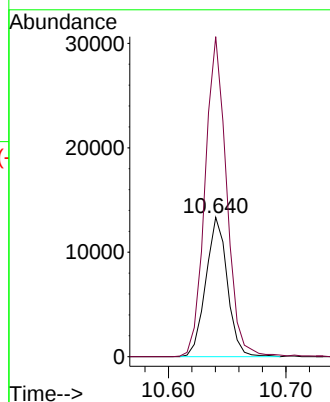
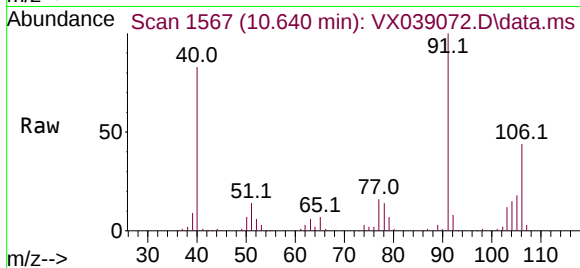
ClientSampleId :

Tgt Ion:106 Resp: 17040

Ion Ratio Lower Upper

106 100

91 229.7 156.2 290.0



#55

Styrene

Concen: 4.946 ug/L

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX039072.D

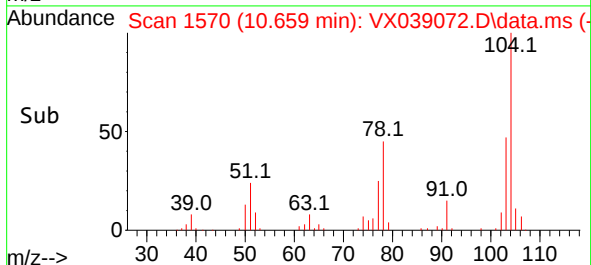
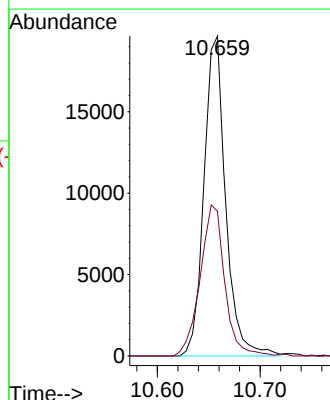
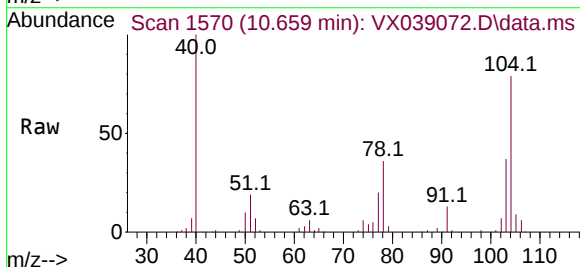
Acq: 05 Dec 2023 10:15

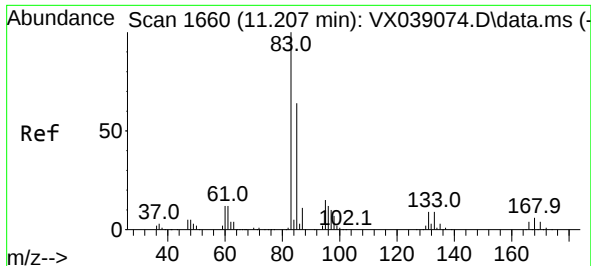
Tgt Ion:104 Resp: 28865

Ion Ratio Lower Upper

104 100

78 45.2 33.5 62.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.028 ug/L

RT: 11.207 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :

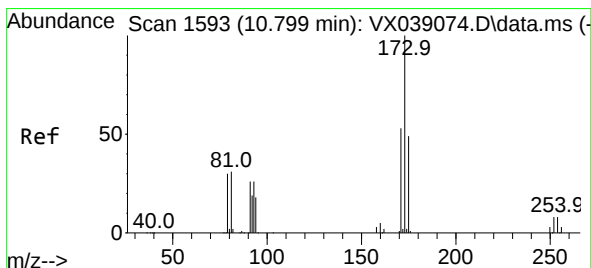
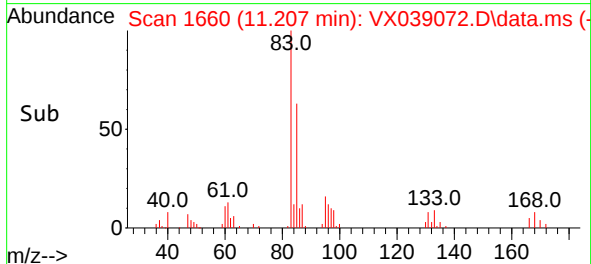
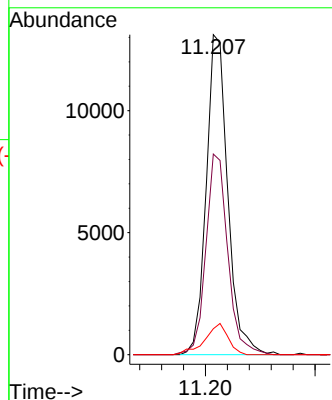
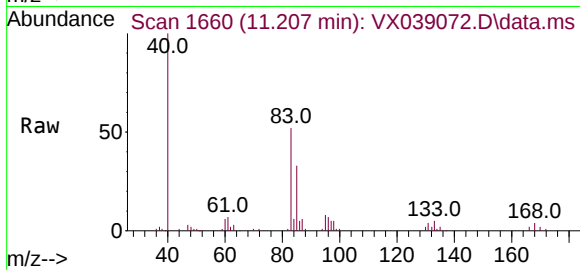
Tgt Ion: 83 Resp: 17882

Ion Ratio Lower Upper

83 100

85 62.7 45.2 84.0

131 8.1 7.2 10.8



#59

Bromoform

Concen: 4.684 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

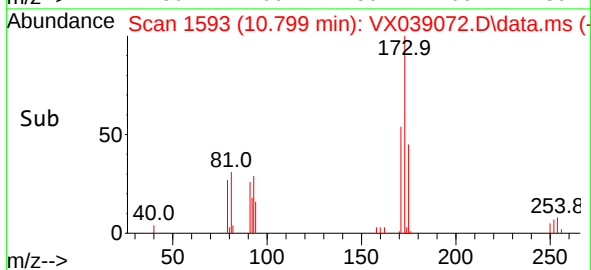
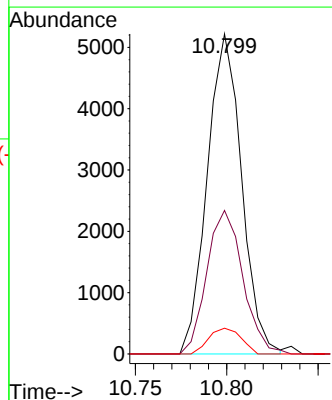
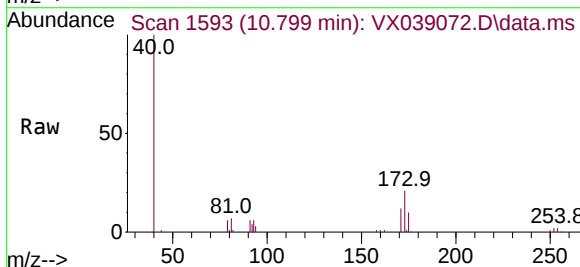
Tgt Ion:173 Resp: 6810

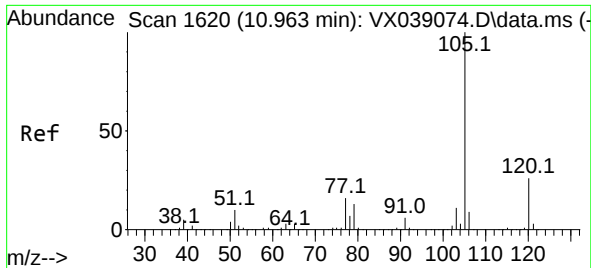
Ion Ratio Lower Upper

173 100

175 47.1 38.7 58.1

254 7.6 6.2 9.2

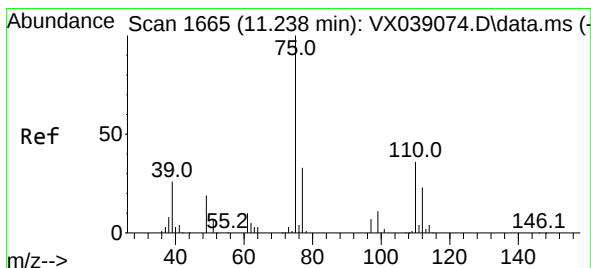
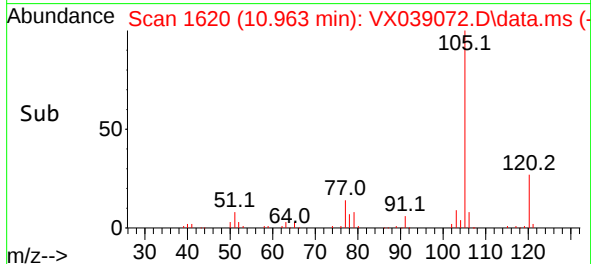
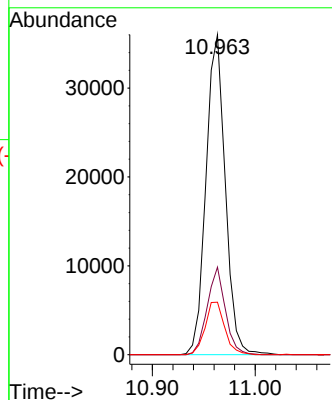
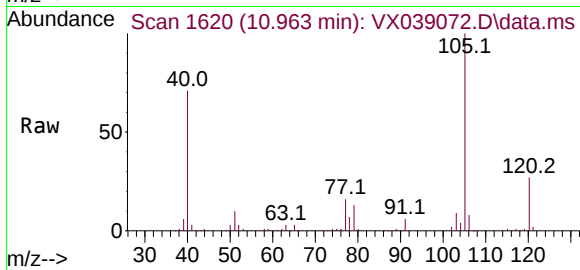




#60
Isopropylbenzene
Concen: 5.205 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

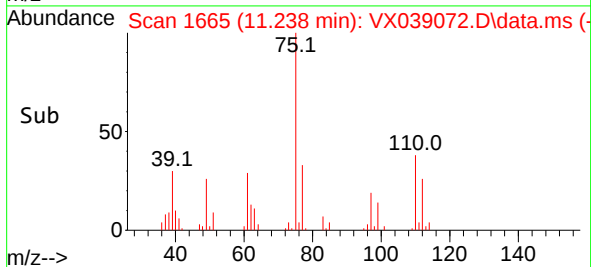
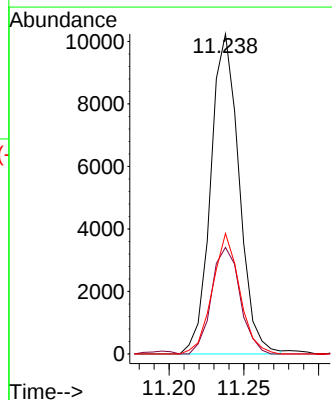
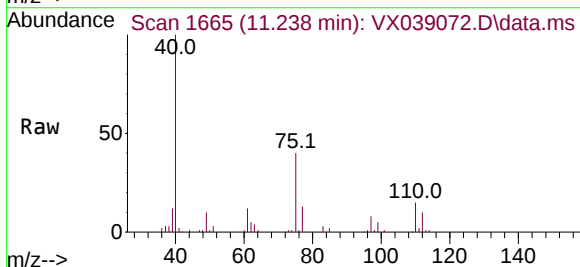
Instrument :
MSVOA_X
ClientSampleId :

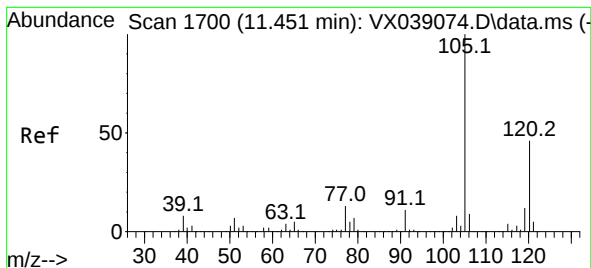
Tgt Ion:105 Resp: 47043
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.7 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.988 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

Tgt Ion: 75 Resp: 13516
Ion Ratio Lower Upper
75 100
77 33.5 25.8 38.6
110 36.2 28.4 42.6





#62

1,3,5-Trimethylbenzene

Concen: 5.176 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

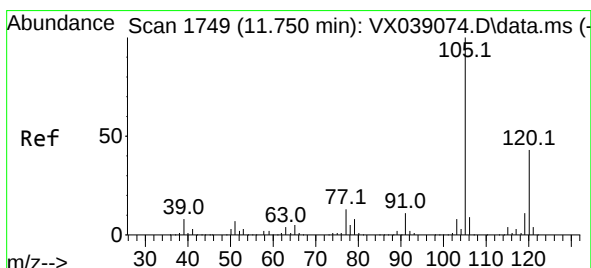
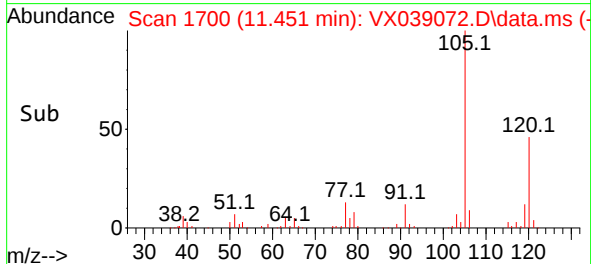
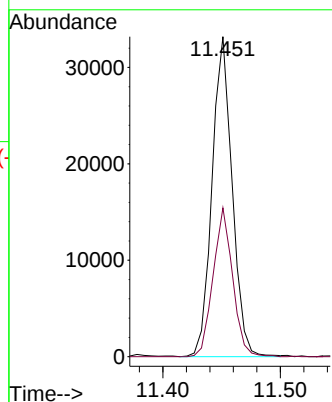
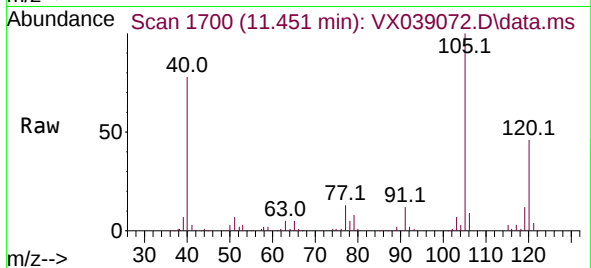
ClientSampleId :

Tgt Ion:105 Resp: 39494

Ion Ratio Lower Upper

105 100

120 45.1 37.0 55.6



#63

1,2,4-Trimethylbenzene

Concen: 5.072 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX039072.D

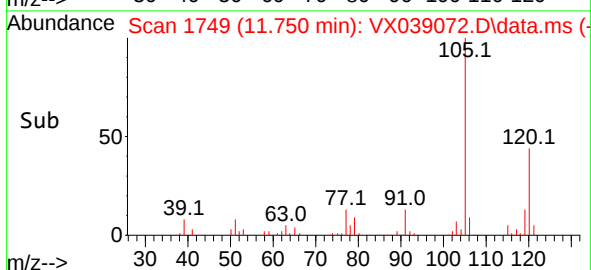
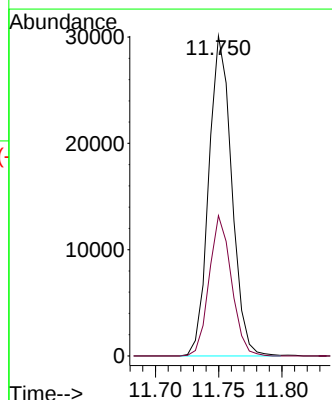
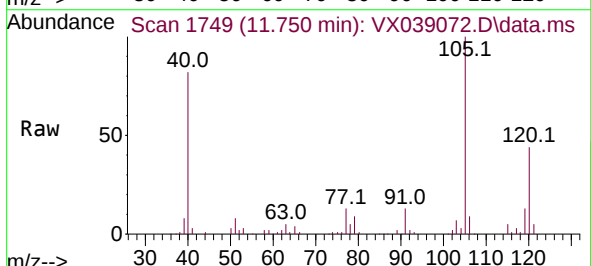
Acq: 05 Dec 2023 10:15

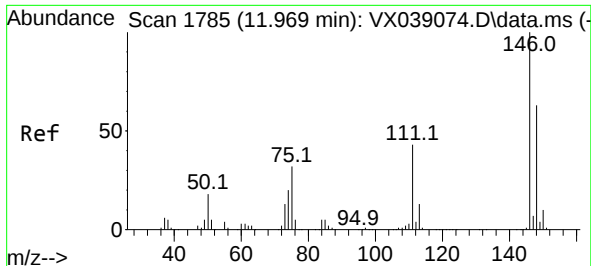
Tgt Ion:105 Resp: 37951

Ion Ratio Lower Upper

105 100

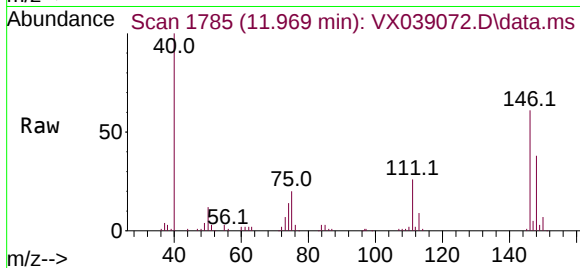
120 42.6 34.9 52.3



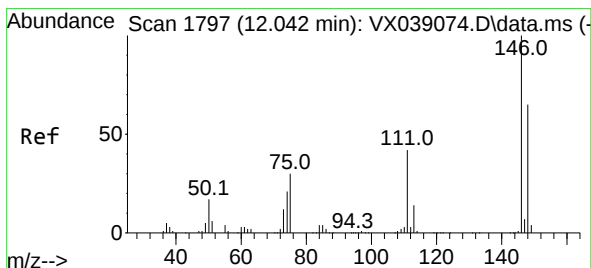
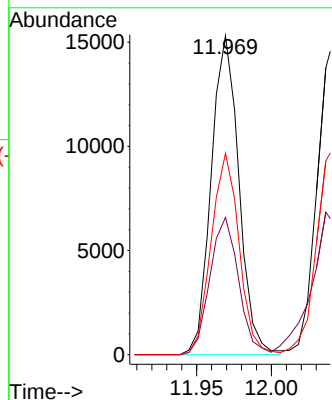
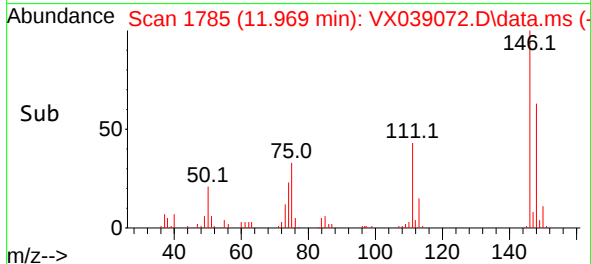


#64
1,3-Dichlorobenzene
Concen: 5.095 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15

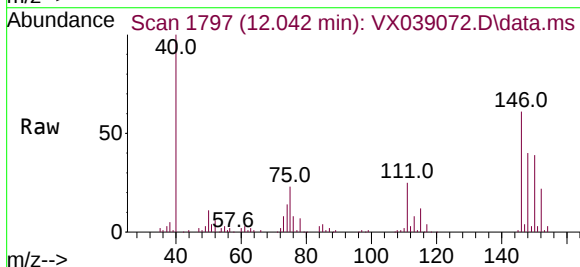
Instrument :
MSVOA_X
ClientSampleId :



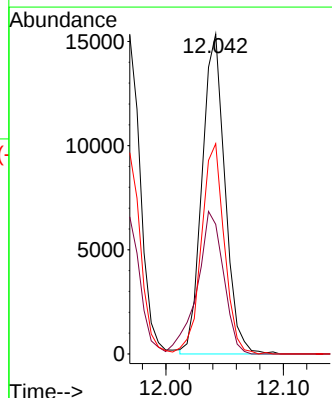
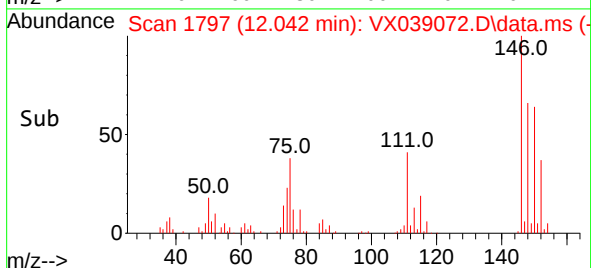
Tgt Ion:146 Resp: 19711
Ion Ratio Lower Upper
146 100
111 43.0 30.0 55.6
148 63.1 44.2 82.0

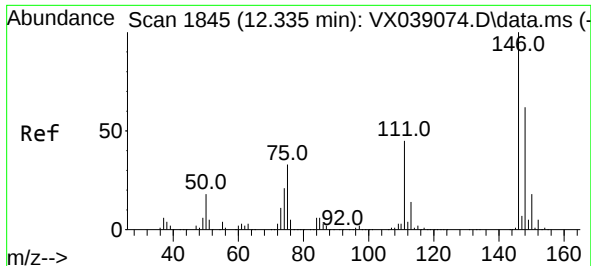


#65
1,4-Dichlorobenzene
Concen: 5.292 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039072.D
Acq: 05 Dec 2023 10:15



Tgt Ion:146 Resp: 20747
Ion Ratio Lower Upper
146 100
111 40.5 29.7 55.1
148 65.7 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.214 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :

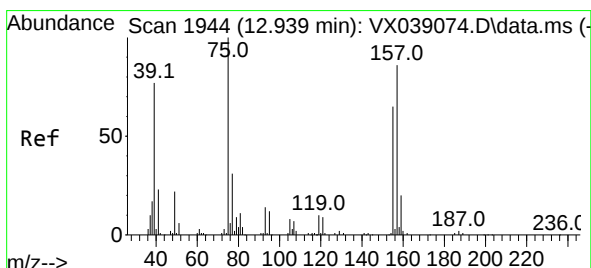
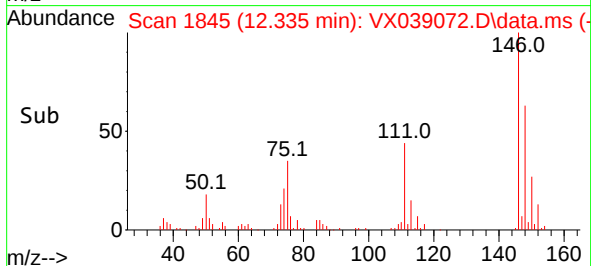
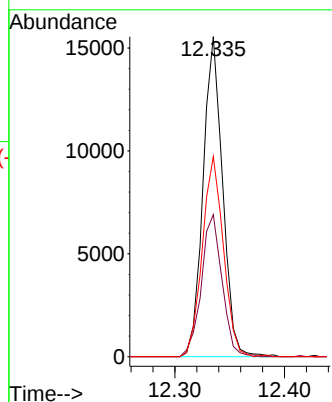
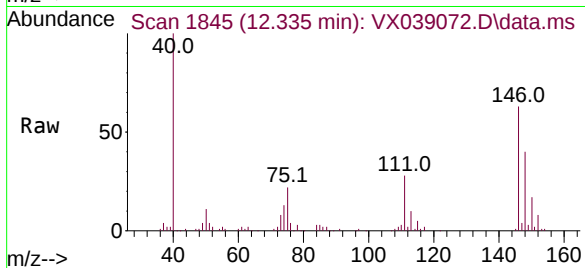
Tgt Ion:146 Resp: 19294

Ion Ratio Lower Upper

146 100

111 44.4 36.4 54.6

148 62.6 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 4.923 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

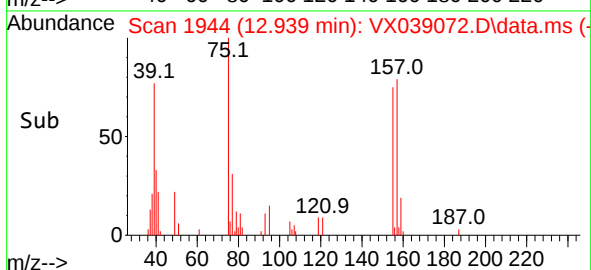
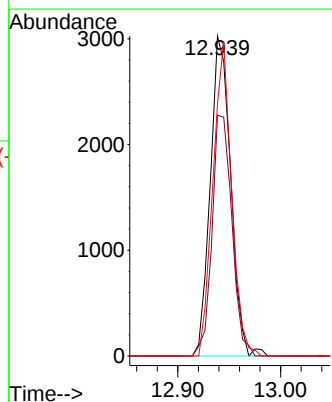
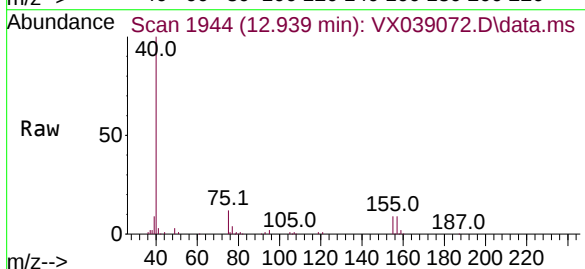
Tgt Ion: 75 Resp: 4163

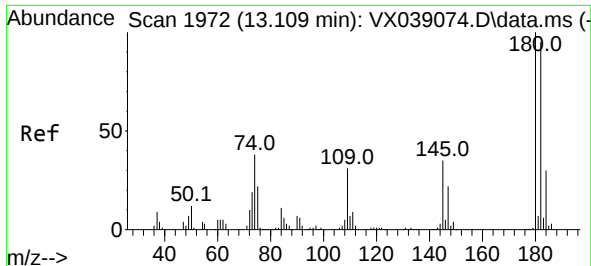
Ion Ratio Lower Upper

75 100

155 75.3 52.3 78.5

157 78.8 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 4.999 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

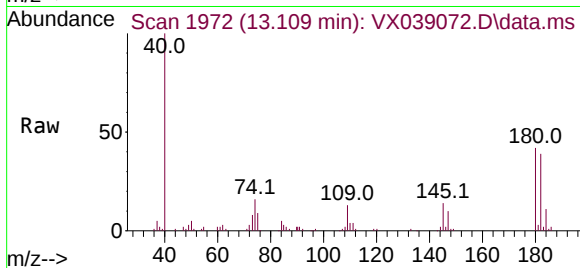
Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 12789

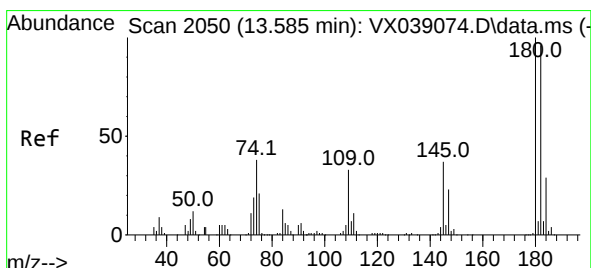
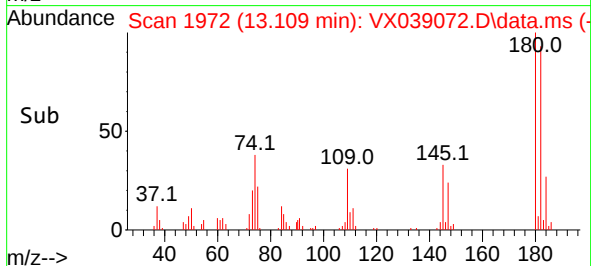
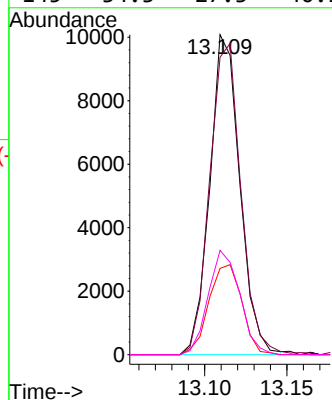
Ion Ratio Lower Upper

180 100

182 100.9 76.1 114.1

184 31.0 24.1 36.1

145 34.3 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 5.174 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

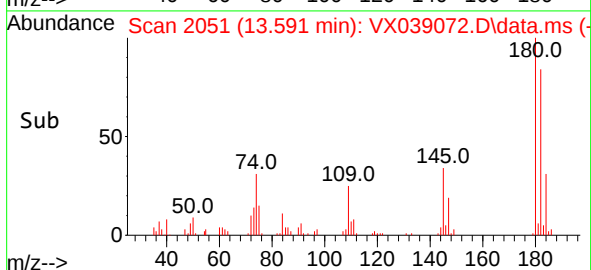
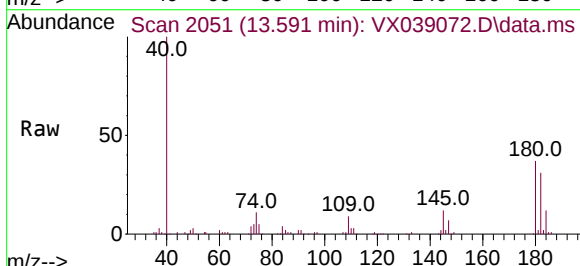
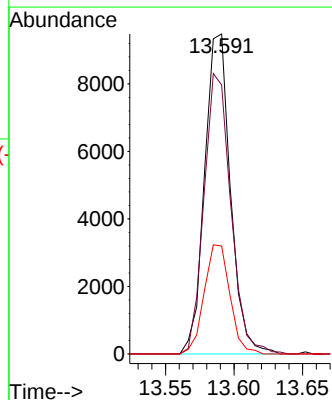
Tgt Ion:180 Resp: 12480

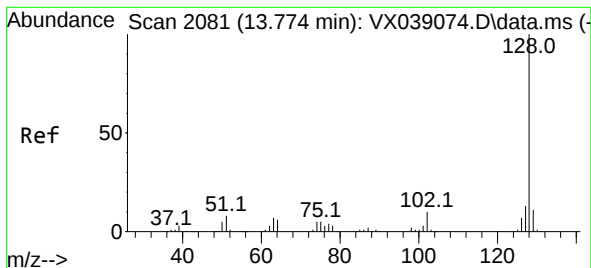
Ion Ratio Lower Upper

180 100

182 90.8 76.8 115.2

145 34.0 27.8 41.6





#71

Naphthalene

Concen: 4.892 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Instrument :

MSVOA_X

ClientSampleId :

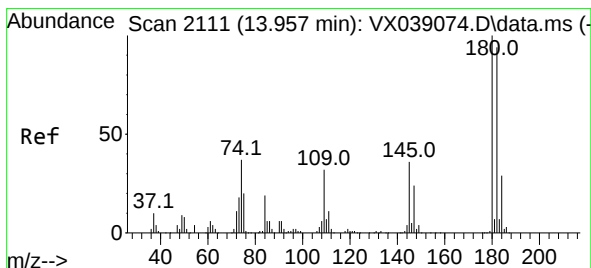
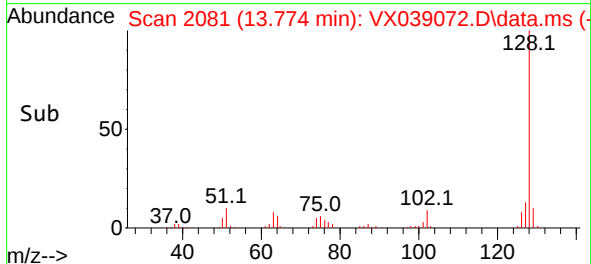
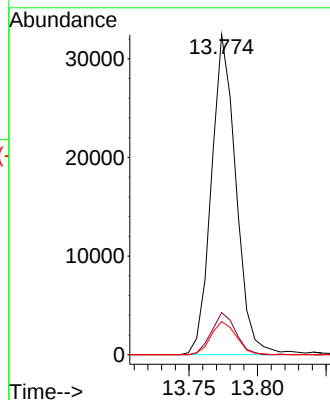
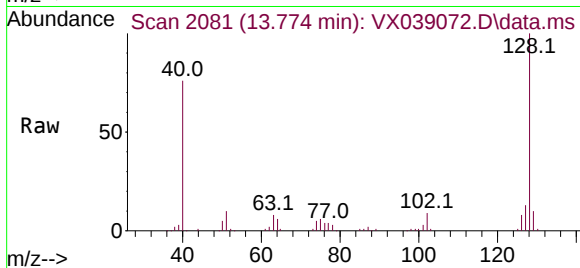
Tgt Ion:128 Resp: 40463

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 5.199 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039072.D

Acq: 05 Dec 2023 10:15

Tgt Ion:180 Resp: 12141

Ion Ratio Lower Upper

180 100

182 93.3 75.9 113.9

145 33.9 28.6 42.8

