

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039122.D
 Acq On : 08 Dec 2023 21:53
 Operator : JC/MD
 Sample : 05646-18 40X
 Misc : 2.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS5

Quant Time: Dec 09 03:44:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

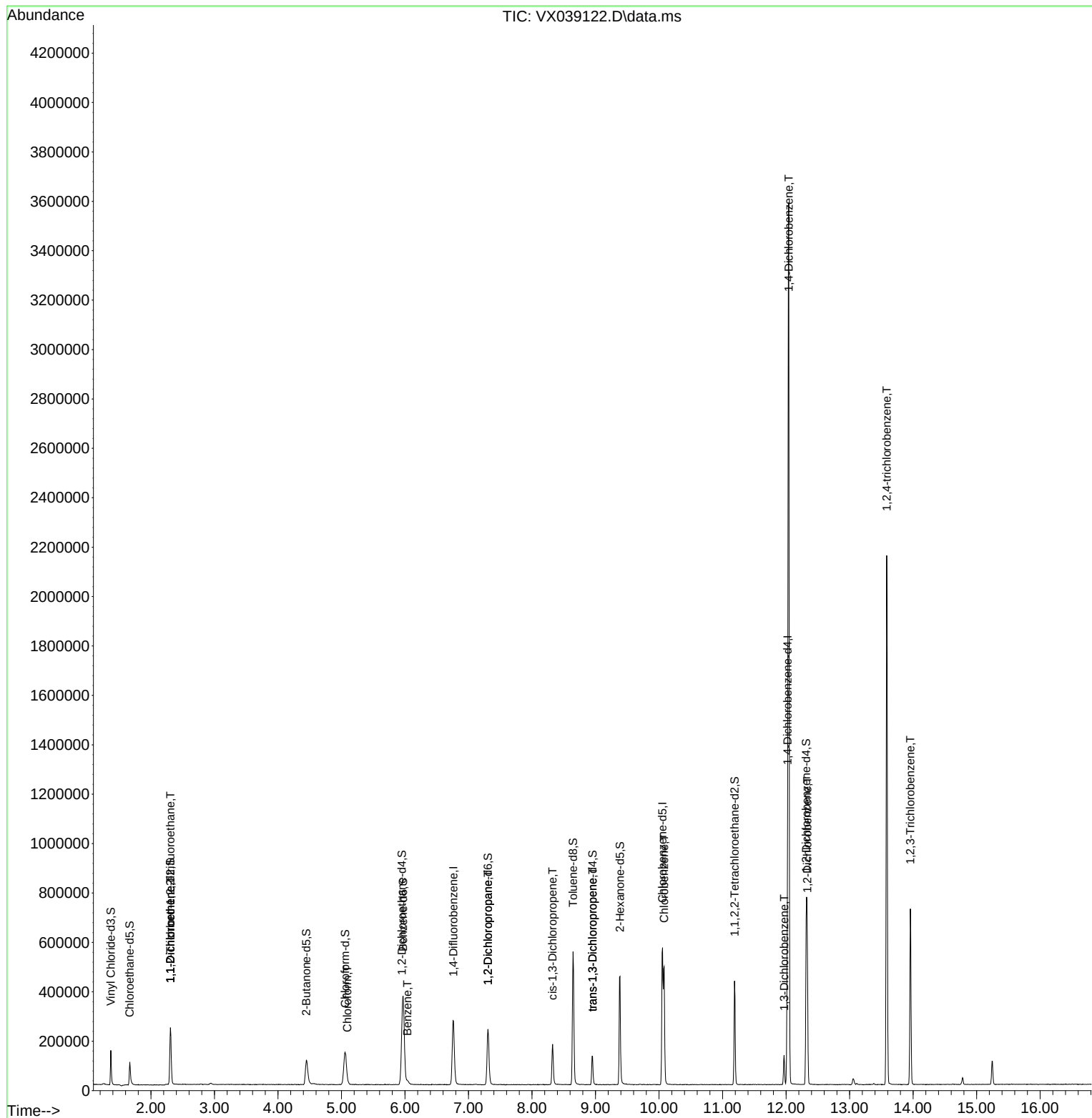
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	264177	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	236719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111340	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	89711	43.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.600%
7) Chloroethane-d5	1.666	69	69138	45.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.280%
11) 1,1-Dichloroethene-d2	2.307	65	41998	46.174	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
21) 2-Butanone-d5	4.446	46	177808	94.799	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	5.056	84	166294	45.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	5.952	65	112483	47.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.971	84	363238	49.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
36) 1,2-Dichloropropane-d6	7.306	67	117394	49.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.860%
41) Toluene-d8	8.647	98	320592	48.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	8.952	79	55781	46.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
47) 2-Hexanone-d5	9.385	63	132253	94.182	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	163836	49.123	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	111462	52.963	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.920%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1278	0.706	ug/L #	21
12) 1,1-Dichloroethene	2.307	96	949	0.558	ug/L #	1
25) Chloroform	5.093	83	5084	1.438	ug/L	80
33) Benzene	6.038	78	16520	2.196	ug/L	100
37) 1,2-Dichloropropane	7.306	63	12910	6.188	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3666	1.102	ug/L #	71
44) trans-1,3-Dichloropropene	8.952	75	2742	0.888	ug/L	86
51) Chlorobenzene	10.080	112	199784	40.544	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	33934	9.745	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	1045614	296.319	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	157902	47.403	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	442393	203.775	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	148847	70.809	ug/L	99

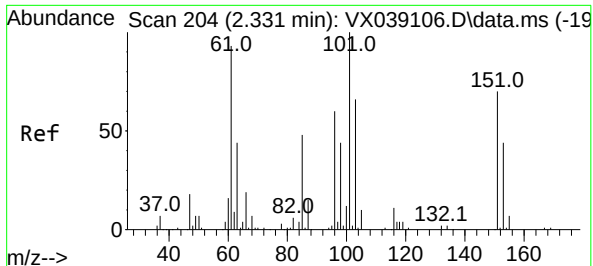
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
Data File : VX039122.D
Acq On : 08 Dec 2023 21:53
Operator : JC/MD
Sample : 05646-18 40X
Misc : 2.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C0AS5

Quant Time: Dec 09 03:44:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 09 03:39:44 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.706 ug/L

RT: 2.307 min Scan# 20

Delta R.T. -0.024 min

Lab File: VX039122.D

Acq: 08 Dec 2023 21:53

Instrument :

MSVOA_X

ClientSampleId :

C0AS5

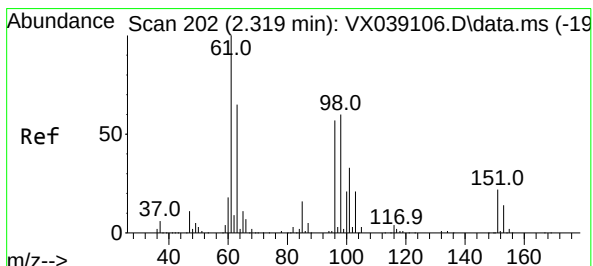
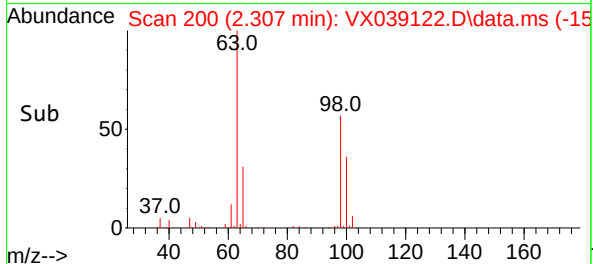
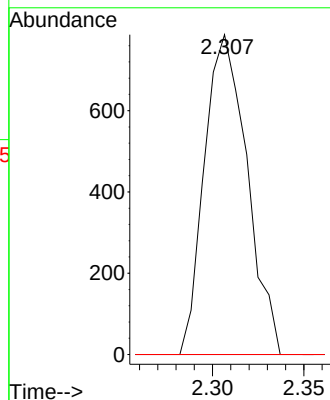
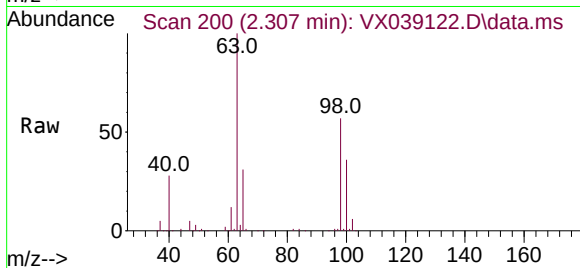
Tgt Ion:101 Resp: 1278

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.6#

151 0.0 55.4 83.2#



#12

1,1-Dichloroethene

Concen: 0.558 ug/L

RT: 2.307 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX039122.D

Acq: 08 Dec 2023 21:53

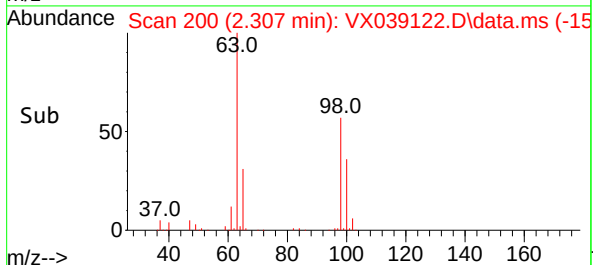
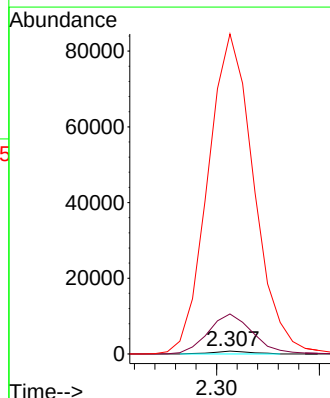
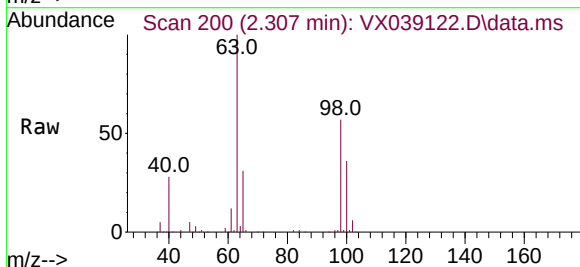
Tgt Ion: 96 Resp: 949

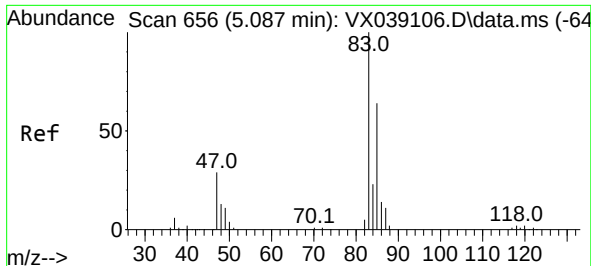
Ion Ratio Lower Upper

96 100

61 1386.1 128.0 237.6#

63 11108.5 101.5 188.5#

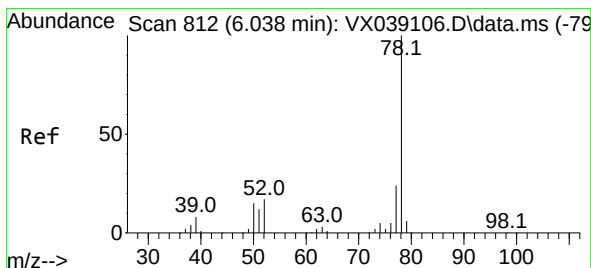
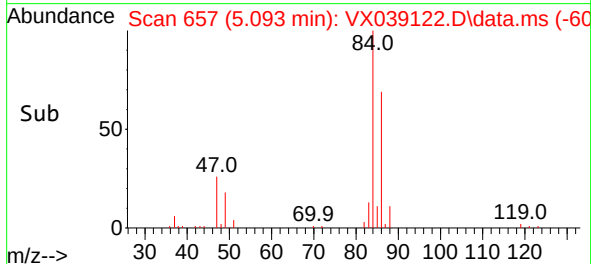
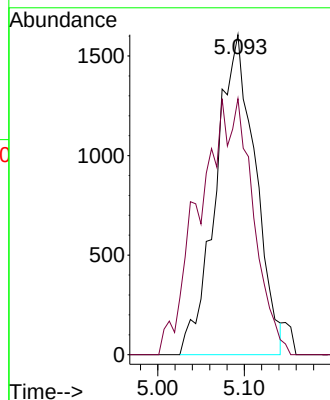
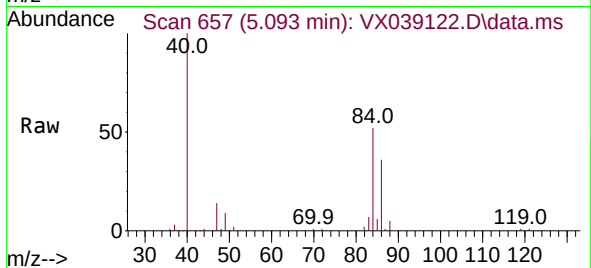




#25
Chloroform
Concen: 1.438 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

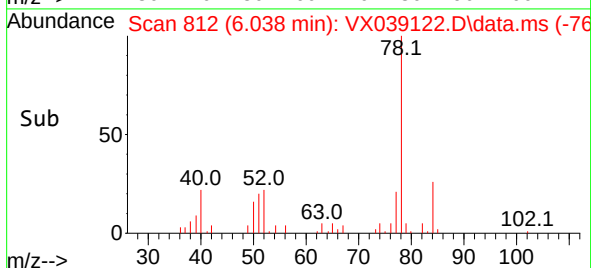
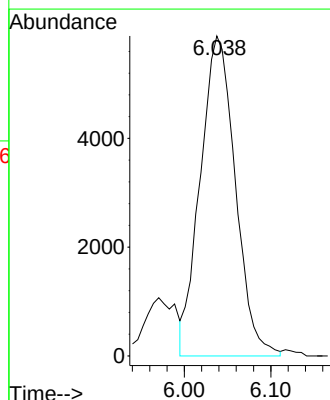
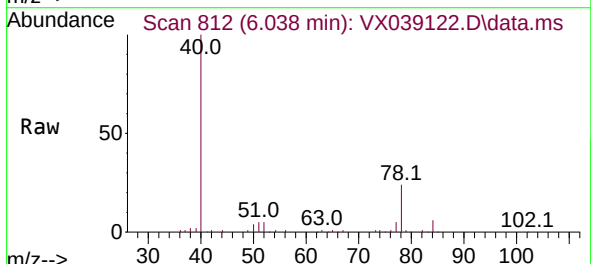
Instrument :
MSVOA_X
ClientSampleId :
C0AS5

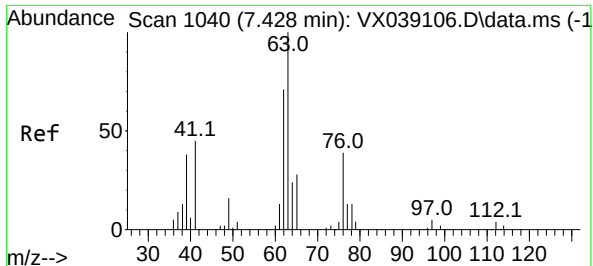
Tgt Ion: 83 Resp: 5084
Ion Ratio Lower Upper
83 100
85 80.0 45.1 83.7



#33
Benzene
Concen: 2.196 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

Tgt Ion: 78 Resp: 16520





#37

1,2-Dichloropropane

Concen: 6.188 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX039122.D

Acq: 08 Dec 2023 21:53

Instrument :

MSVOA_X

ClientSampleId :

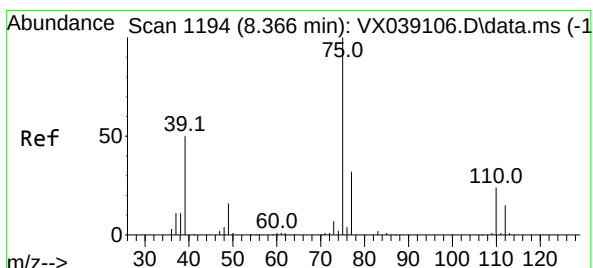
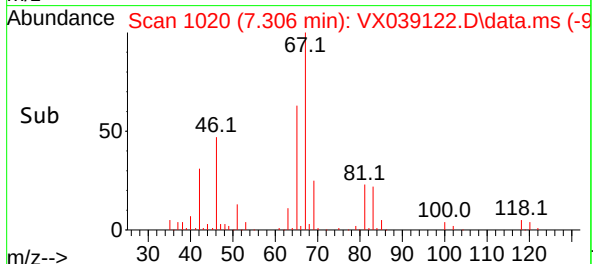
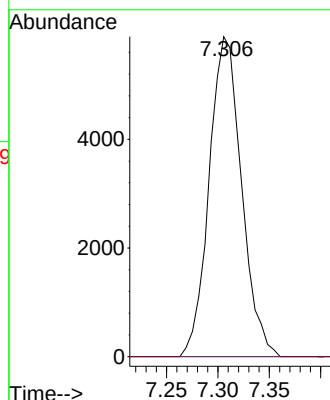
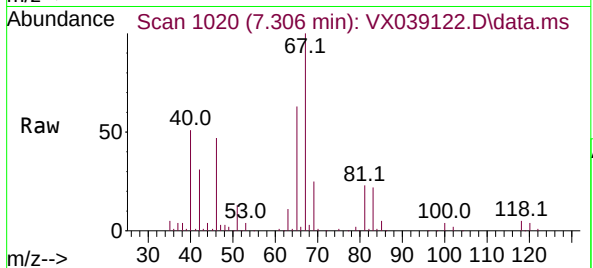
C0AS5

Tgt Ion: 63 Resp: 12910

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.102 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX039122.D

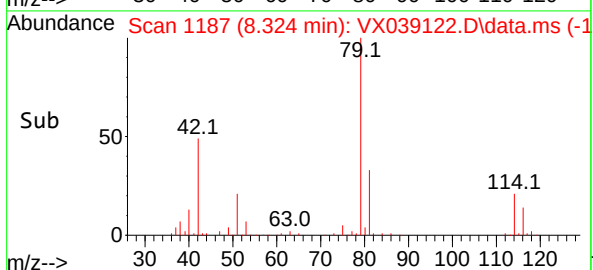
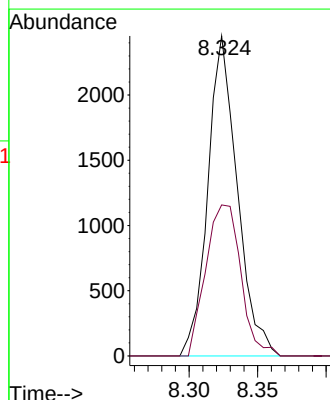
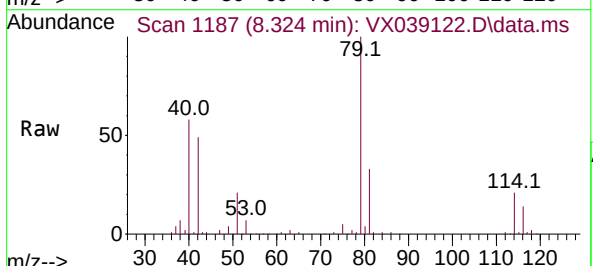
Acq: 08 Dec 2023 21:53

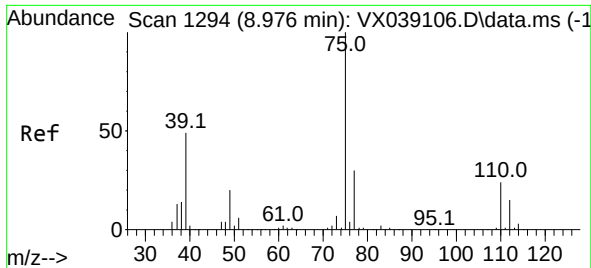
Tgt Ion: 75 Resp: 3666

Ion Ratio Lower Upper

75 100

77 47.2 22.0 40.8#

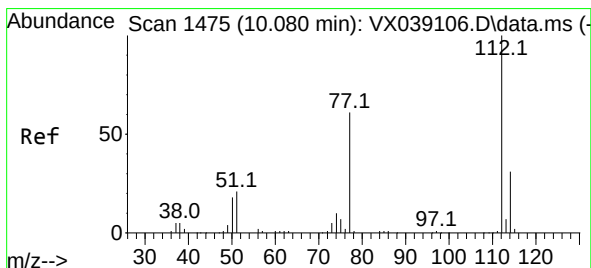
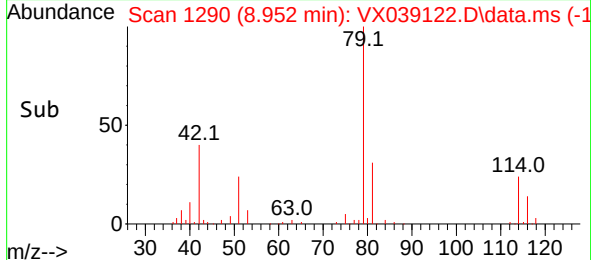
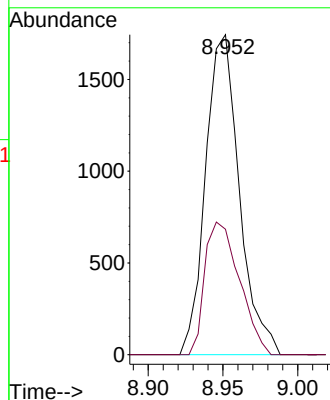
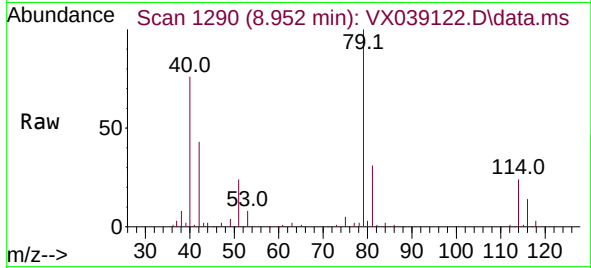




#44
trans-1,3-Dichloropropene
Concen: 0.888 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

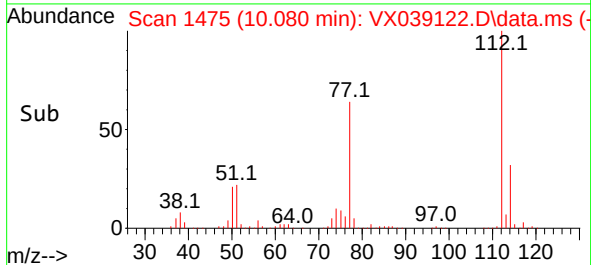
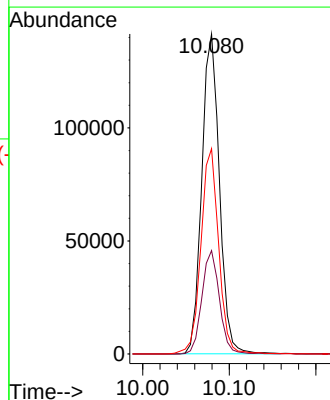
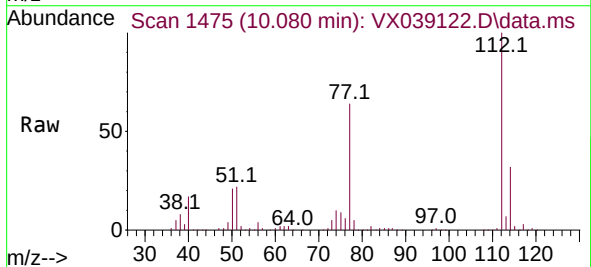
Instrument :
MSVOA_X
ClientSampleId :
C0AS5

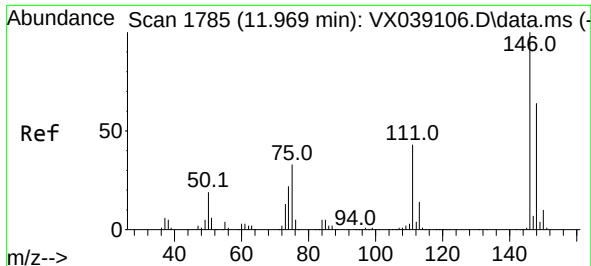
Tgt Ion: 75 Resp: 2742
Ion Ratio Lower Upper
75 100
77 39.2 22.0 40.8



#51
Chlorobenzene
Concen: 40.544 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

Tgt Ion: 112 Resp: 199784
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.4
77 64.1 49.0 73.6

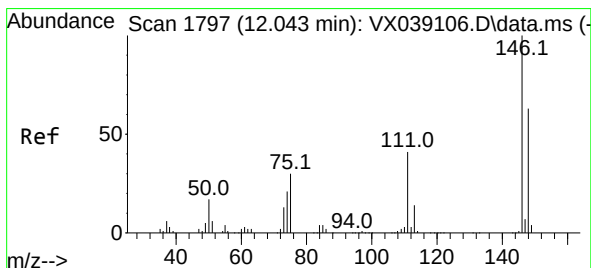
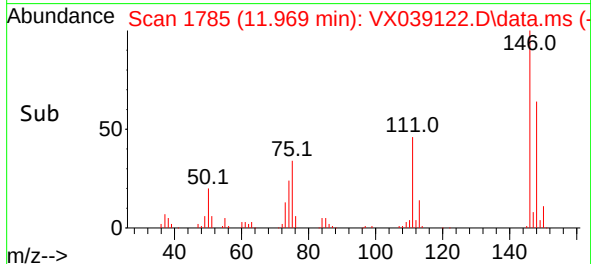
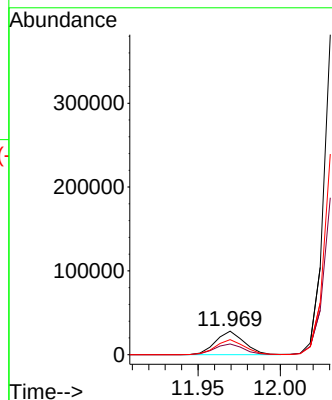
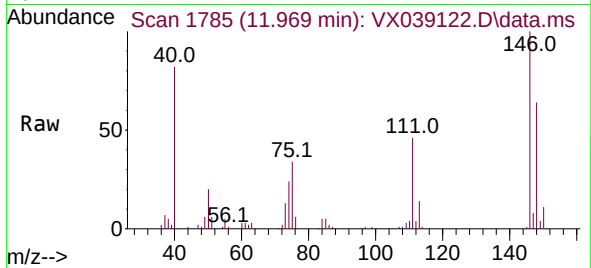




#64
1,3-Dichlorobenzene
Concen: 9.745 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

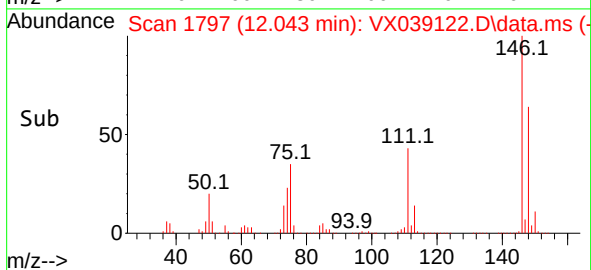
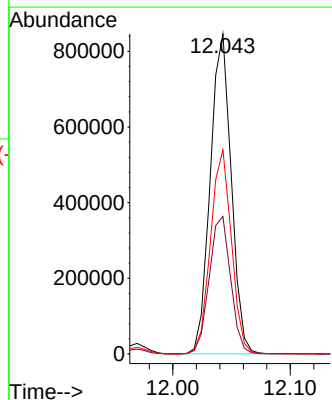
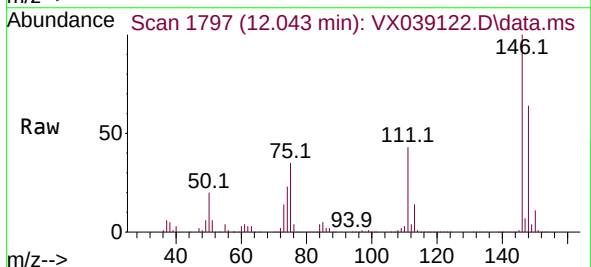
Instrument :
MSVOA_X
ClientSampleId :
C0AS5

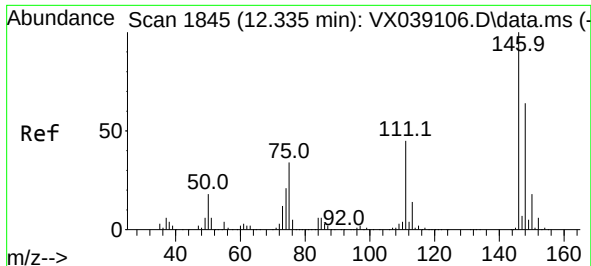
Tgt Ion:146 Resp: 33934
Ion Ratio Lower Upper
146 100
111 45.8 30.0 55.6
148 63.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 296.319 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

Tgt Ion:146 Resp: 1045614
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 63.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 47.403 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039122.D

Acq: 08 Dec 2023 21:53

Instrument :

MSVOA_X

ClientSampleId :

C0AS5

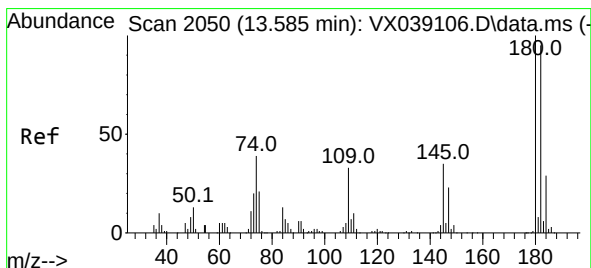
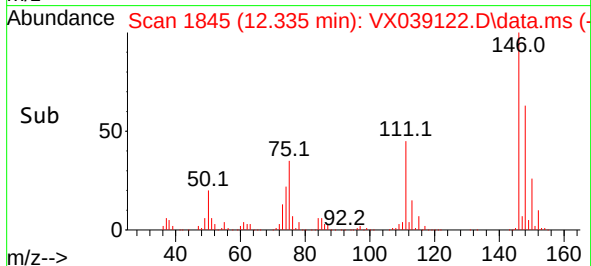
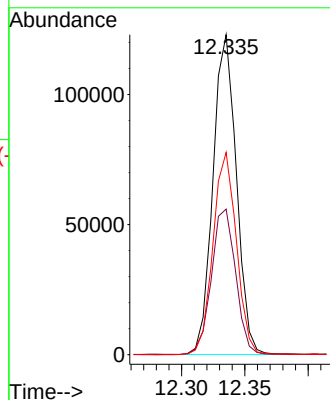
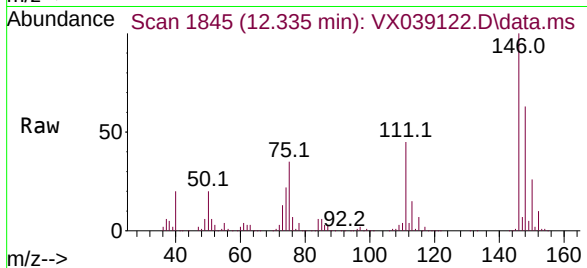
Tgt Ion:146 Resp: 157902

Ion Ratio Lower Upper

146 100

111 45.5 36.4 54.6

148 63.2 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 203.775 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039122.D

Acq: 08 Dec 2023 21:53

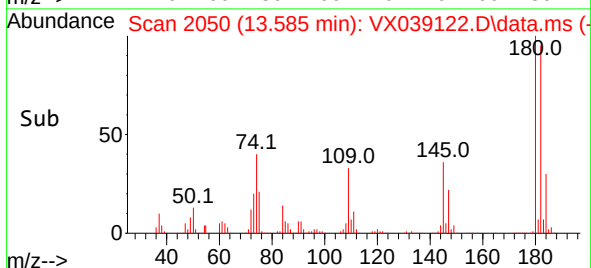
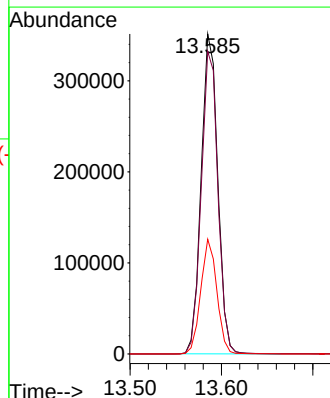
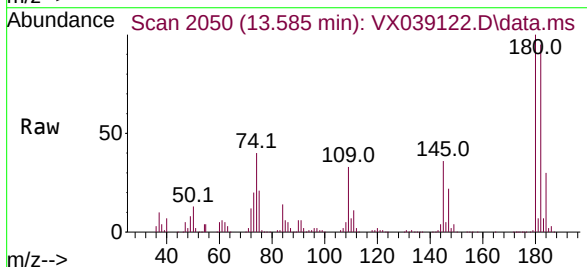
Tgt Ion:180 Resp: 442393

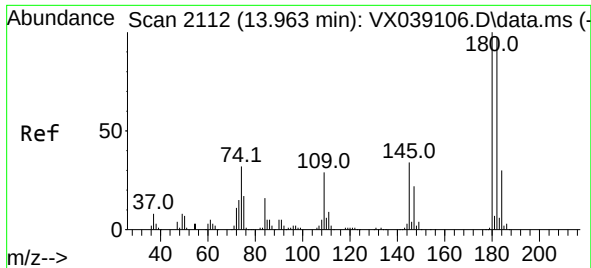
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

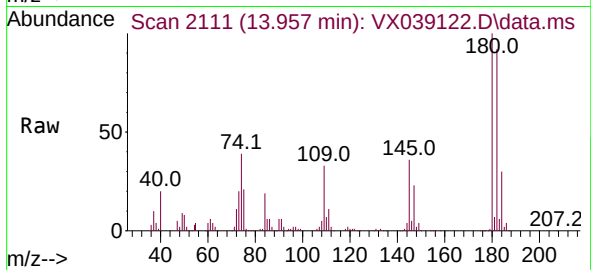
145 34.8 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 70.809 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX039122.D
 Acq: 08 Dec 2023 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS5



Tgt Ion:	180	Resp:	148847
Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.9	113.9
145	35.7	28.6	42.8

