

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039120.D
 Acq On : 08 Dec 2023 21:07
 Operator : JC/MD
 Sample : 05646-16 40X
 Misc : 2.63g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS3

Quant Time: Dec 09 03:44:20 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)

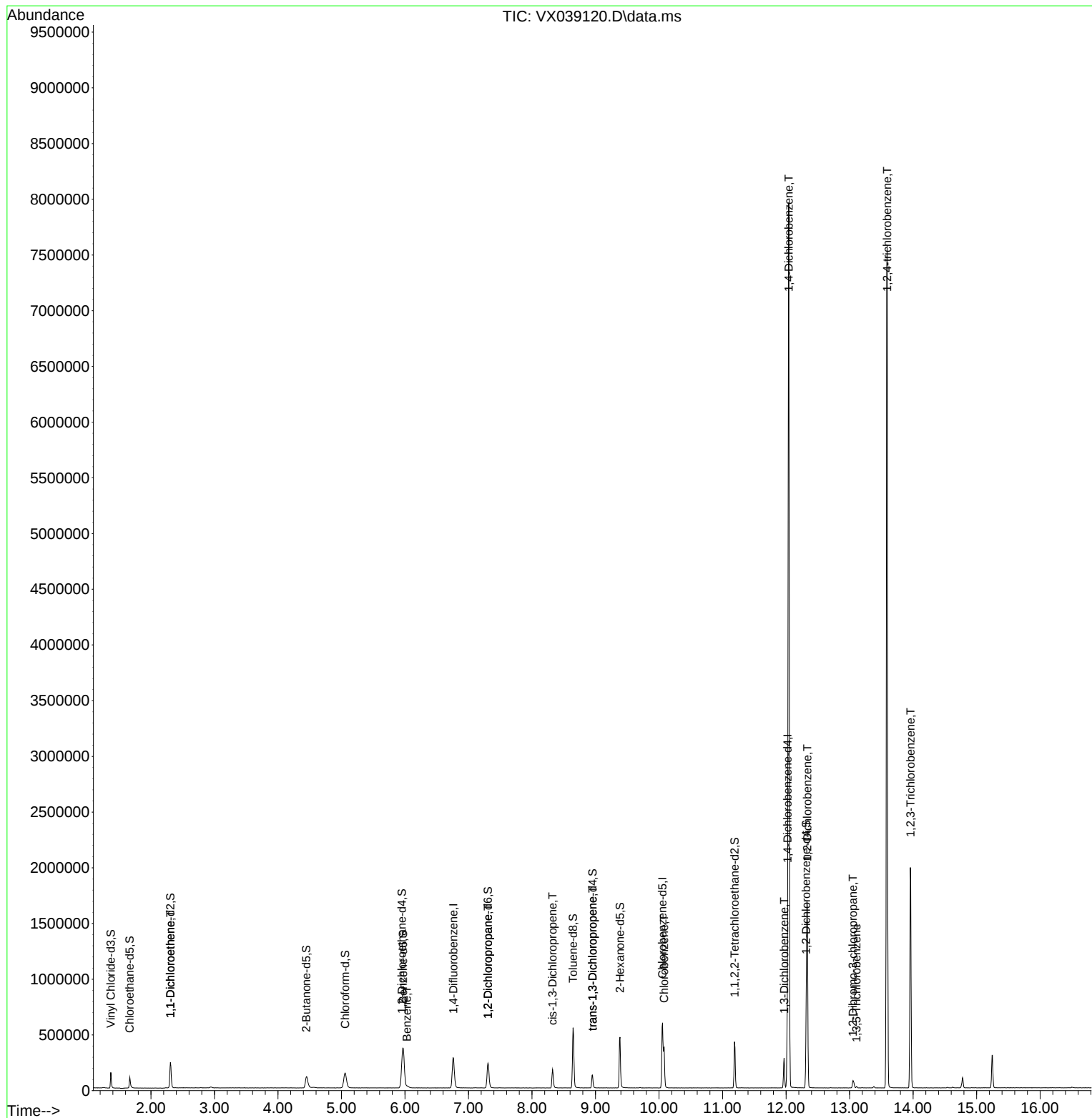
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	277193	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117281	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	89612	41.217	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.440%		
7) Chloroethane-d5	1.666	69	68503	42.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.260%		
11) 1,1-Dichloroethene-d2	2.306	65	41941	43.946	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.900%		
21) 2-Butanone-d5	4.446	46	181456	92.202	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.200%		
24) Chloroform-d	5.056	84	167885	43.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.240%		
26) 1,2-Dichloroethane-d4	5.952	65	115211	46.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.440%		
32) Benzene-d6	5.970	84	364536	47.158	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.320%		
36) 1,2-Dichloropropane-d6	7.305	67	119777	48.148	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.300%		
41) Toluene-d8	8.647	98	316162	45.132	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.260%		
43) trans-1,3-Dichloroprop...	8.952	79	56772	44.845	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.700%		
47) 2-Hexanone-d5	9.384	63	136465	91.844	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.840%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	166684	47.232	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.460%		
66) 1,2-Dichlorobenzene-d4	12.317	152	106902	48.223	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.440%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1014	0.568	ug/L #	1
33) Benzene	6.031	78	15309	1.923	ug/L	100
37) 1,2-Dichloropropane	7.305	63	12903	5.845	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3990	1.133	ug/L #	67
44) trans-1,3-Dichloropropene	8.952	75	2737	0.838	ug/L	100
51) Chlorobenzene	10.079	112	146678	28.132	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	76103	20.748	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	2261873	608.527	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	458385	130.639	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.054	75	1623	2.024	ug/L #	11
69) 1,3,5-Trichlorobenzene	13.109	180	2657	1.095	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	1626873	711.410	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	421724	190.457	ug/L	99

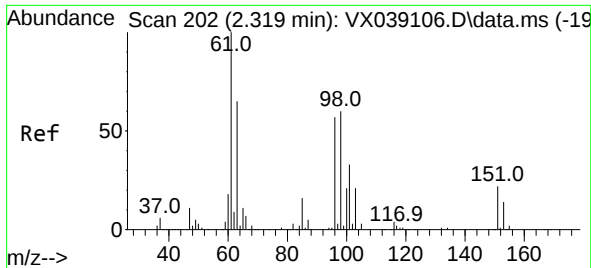
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

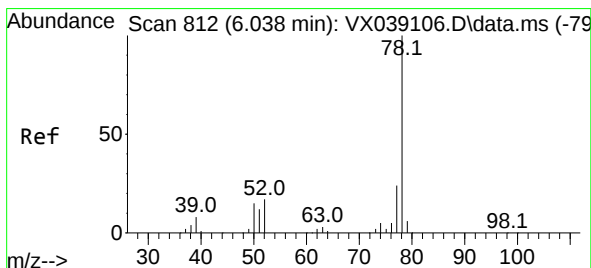
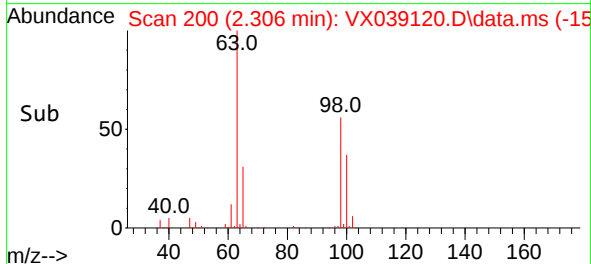
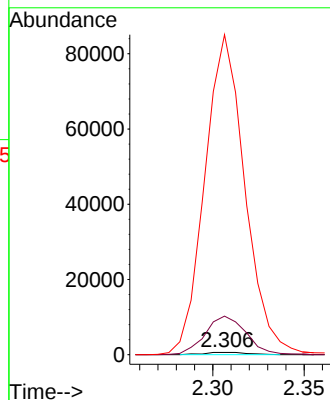
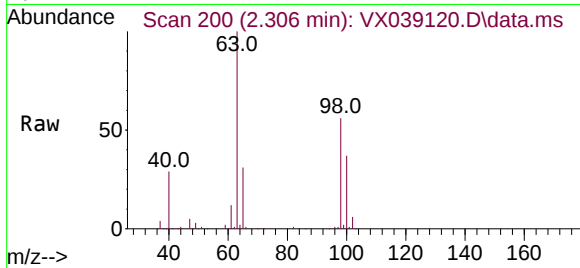




#12
1,1-Dichloroethene
Concen: 0.568 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

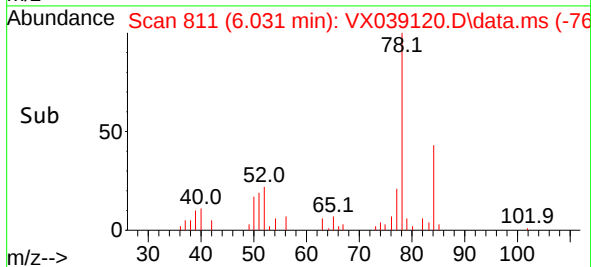
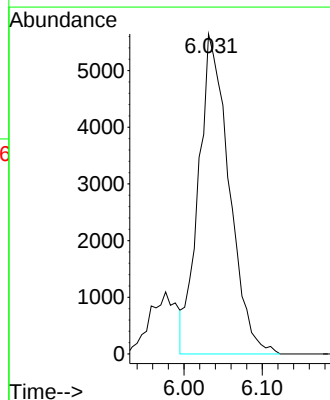
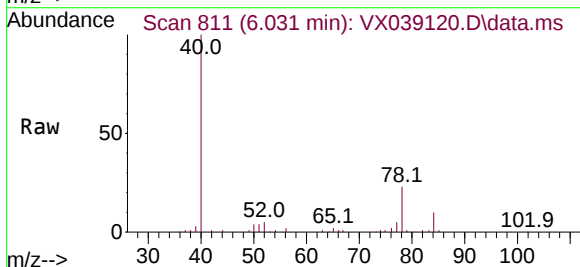
Instrument :
MSVOA_X
ClientSampleId :
C0AS3

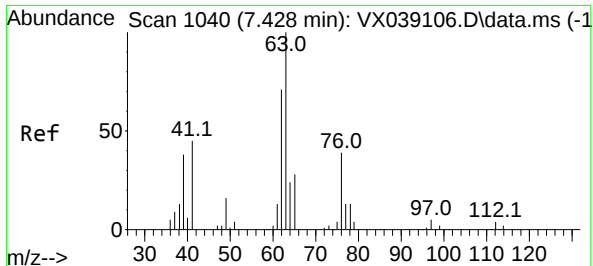
Tgt Ion: 96 Resp: 1014
Ion Ratio Lower Upper
96 100
61 1720.3 128.0 237.6#
63 14251.3 101.5 188.5#



#33
Benzene
Concen: 1.923 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

Tgt Ion: 78 Resp: 15309





#37

1,2-Dichloropropane

Concen: 5.845 ug/L

RT: 7.305 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX039120.D

Acq: 08 Dec 2023 21:07

Instrument :

MSVOA_X

ClientSampleId :

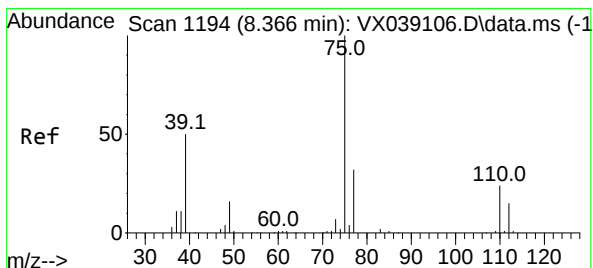
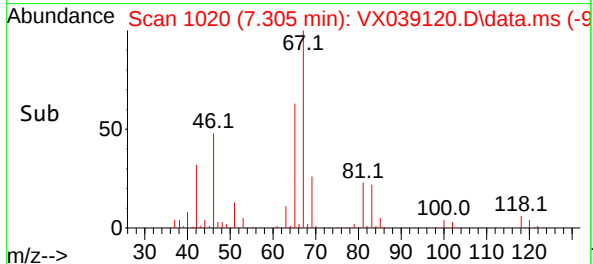
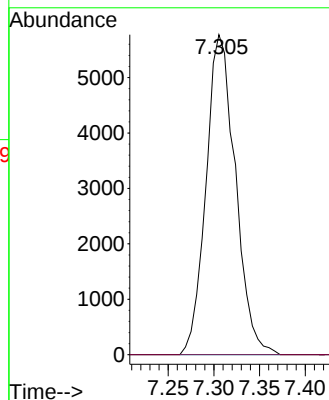
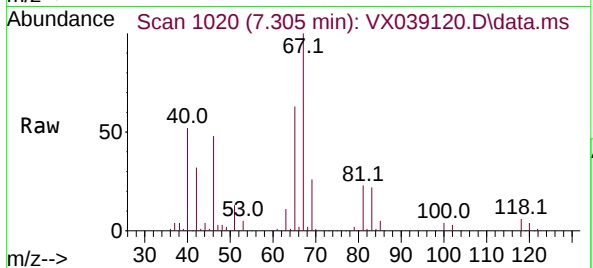
C0AS3

Tgt Ion: 63 Resp: 12903

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.133 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX039120.D

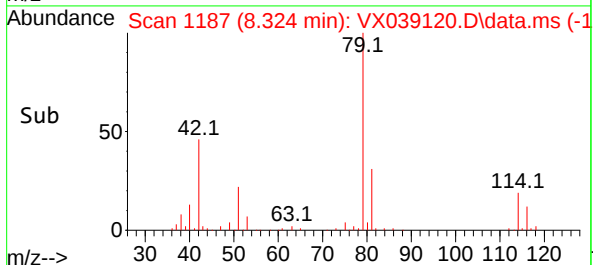
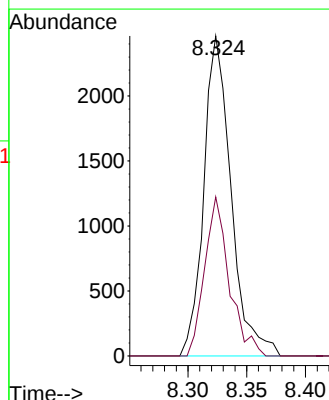
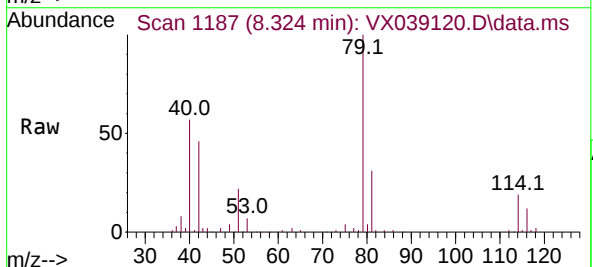
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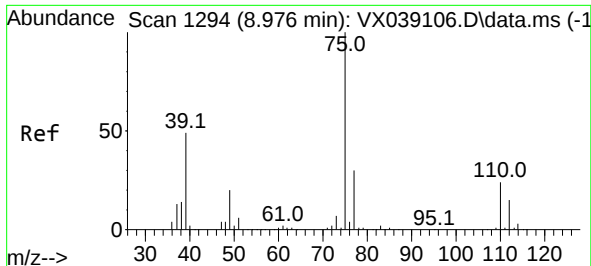
Tgt Ion: 75 Resp: 3990

Ion Ratio Lower Upper

75 100

77 49.7 22.0 40.8#





#44

trans-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 8.952 min Scan# 11

Delta R.T. -0.025 min

Lab File: VX039120.D

Acq: 08 Dec 2023 21:07

Instrument :

MSVOA_X

ClientSampleId :

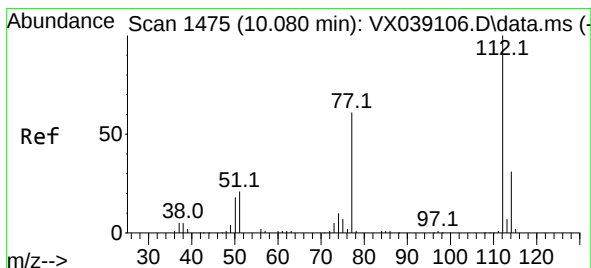
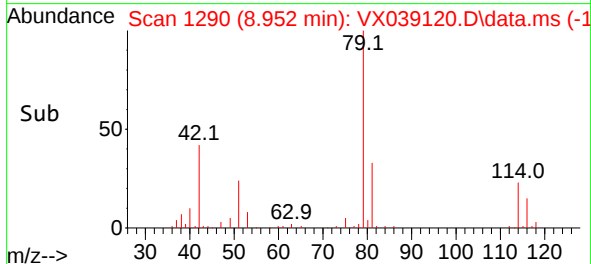
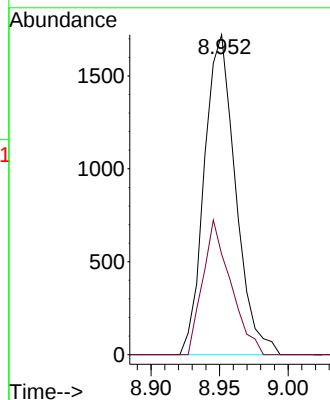
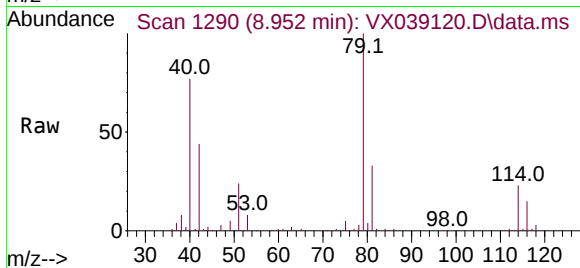
C0AS3

Tgt Ion: 75 Resp: 2737

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8



#51

Chlorobenzene

Concen: 28.132 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039120.D

Acq: 08 Dec 2023 21:07

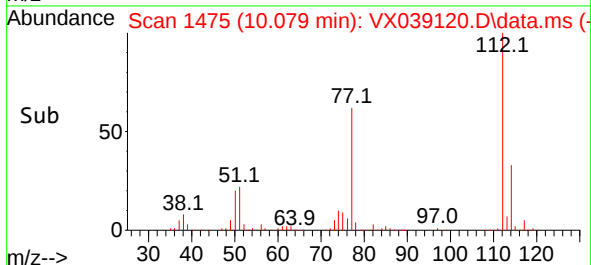
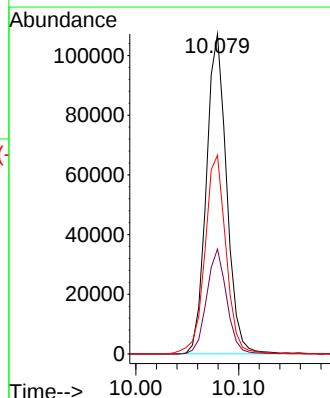
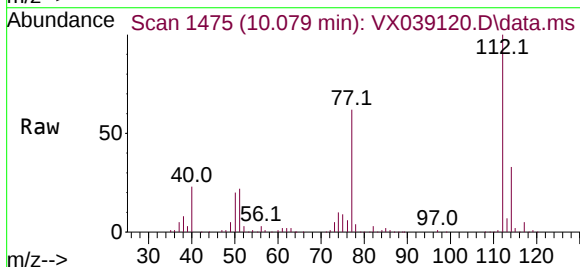
Tgt Ion: 112 Resp: 146678

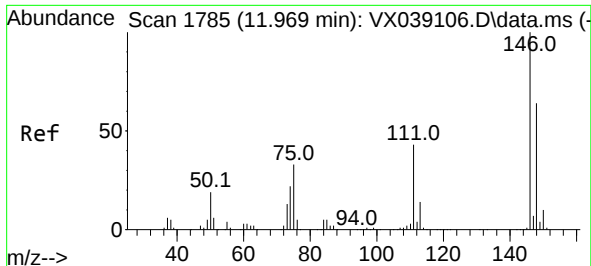
Ion Ratio Lower Upper

112 100

114 32.8 21.8 40.4

77 62.1 49.0 73.6

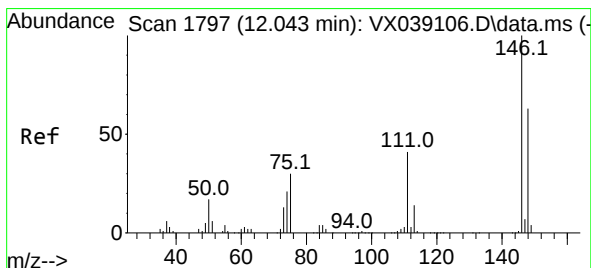
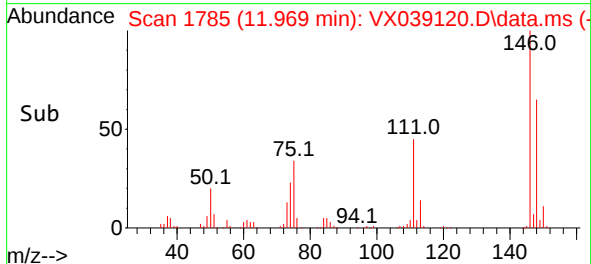
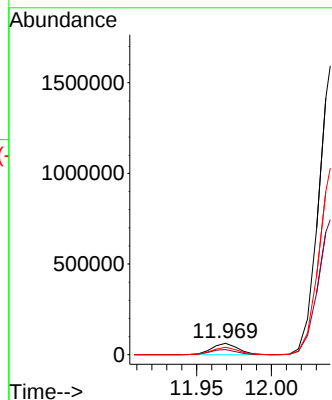
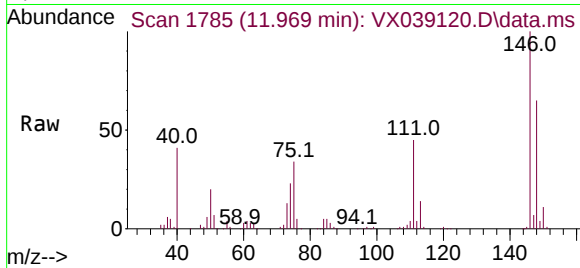




#64
1,3-Dichlorobenzene
Concen: 20.748 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

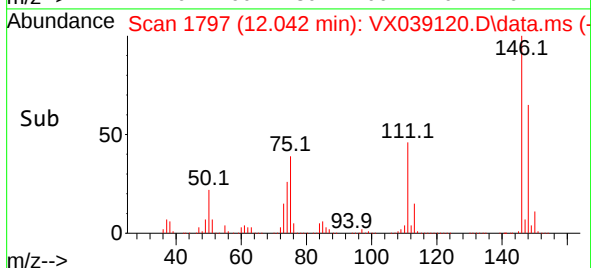
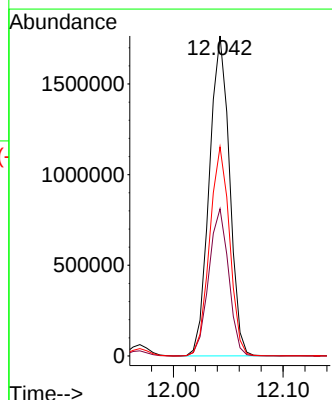
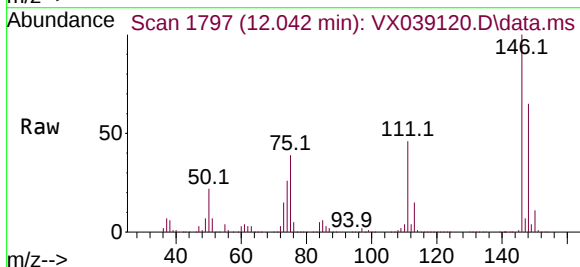
Instrument :
MSVOA_X
ClientSampleId :
C0AS3

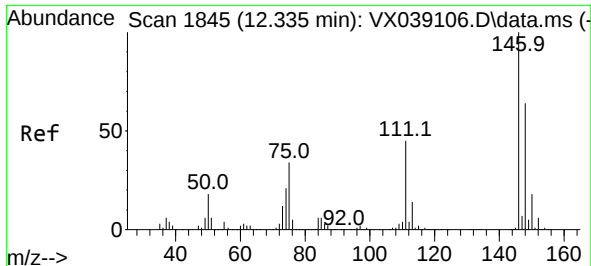
Tgt Ion:146 Resp: 76103
Ion Ratio Lower Upper
146 100
111 44.7 30.0 55.6
148 64.5 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 608.527 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

Tgt Ion:146 Resp: 2261873
Ion Ratio Lower Upper
146 100
111 46.0 29.7 55.1
148 65.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 130.639 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039120.D

Acq: 08 Dec 2023 21:07

Instrument :

MSVOA_X

ClientSampleId :

C0AS3

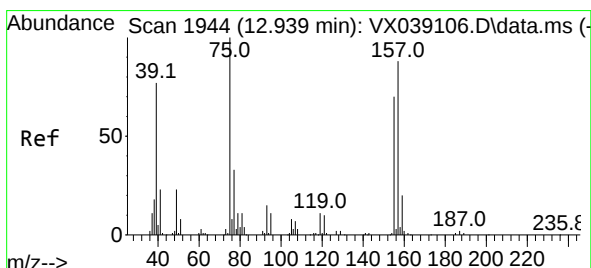
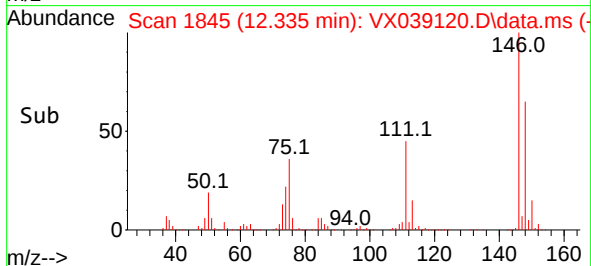
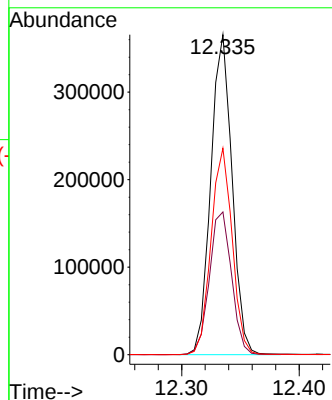
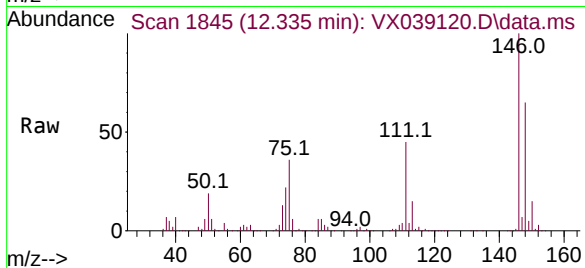
Tgt Ion:146 Resp: 458385

Ion Ratio Lower Upper

146 100

111 44.6 36.4 54.6

148 64.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 2.024 ug/L

RT: 13.054 min Scan# 1963

Delta R.T. 0.116 min

Lab File: VX039120.D

Acq: 08 Dec 2023 21:07

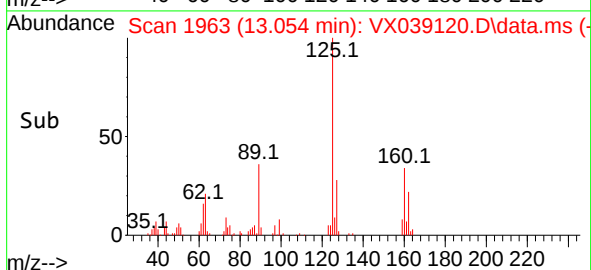
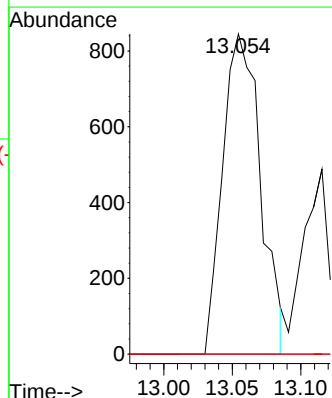
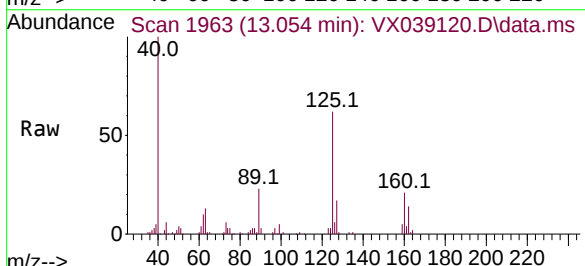
Tgt Ion: 75 Resp: 1623

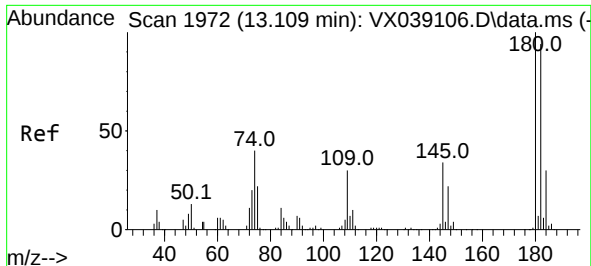
Ion Ratio Lower Upper

75 100

155 0.0 52.3 78.5#

157 0.0 68.7 103.1#

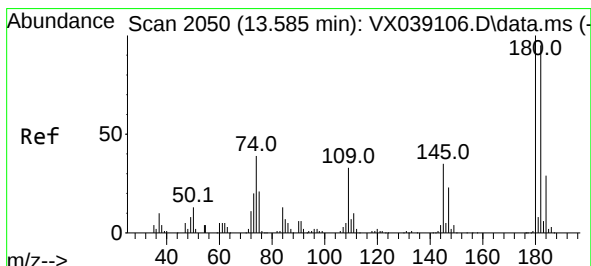
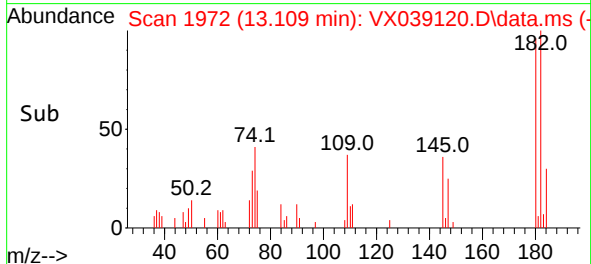
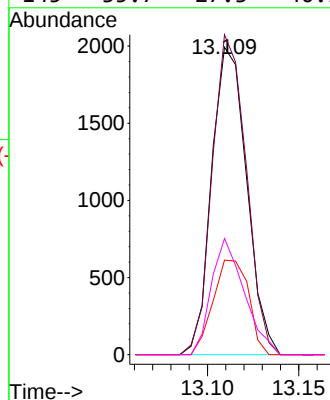
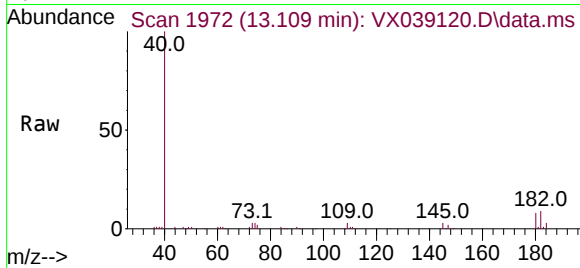




#69
1,3,5-Trichlorobenzene
Concen: 1.095 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. -0.000 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

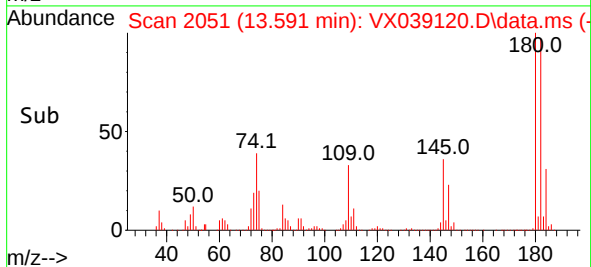
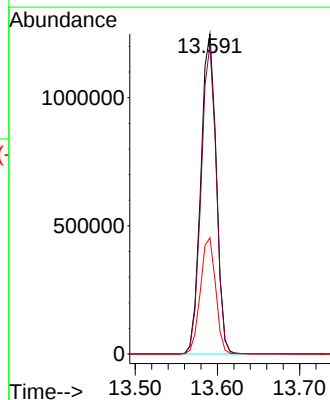
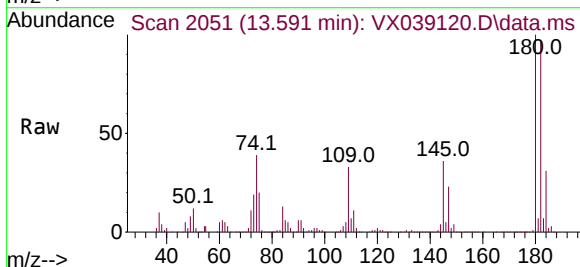
Instrument :
MSVOA_X
ClientSampleId :
C0AS3

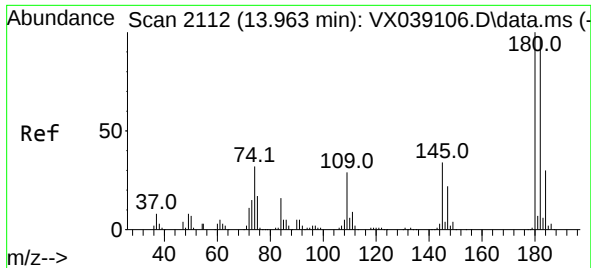
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Ion Ratio	Lower	Upper
180	100	
182	100.8	76.1 114.1
184	31.1	24.1 36.1
145	35.7	27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 711.410 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

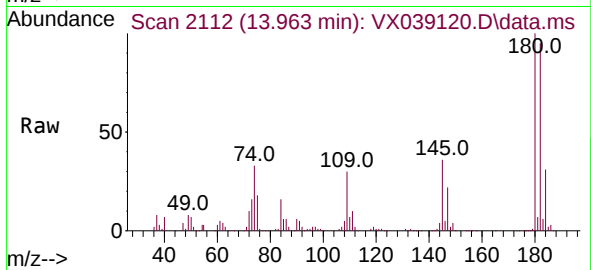
Tgt Ion:180	Resp:	1626873
Ion Ratio	Lower	Upper
180	100	
182	95.1	76.8 115.2
145	35.9	27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 190.457 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX039120.D
 Acq: 08 Dec 2023 21:07

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS3



Tgt Ion:180 Resp: 421724
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.9 113.9
 145 36.6 28.6 42.8

