

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039118.D
 Acq On : 08 Dec 2023 20:22
 Operator : JC/MD
 Sample : 05646-14 40X
 Misc : 2.54g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS1

Quant Time: Dec 09 03:43:38 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)

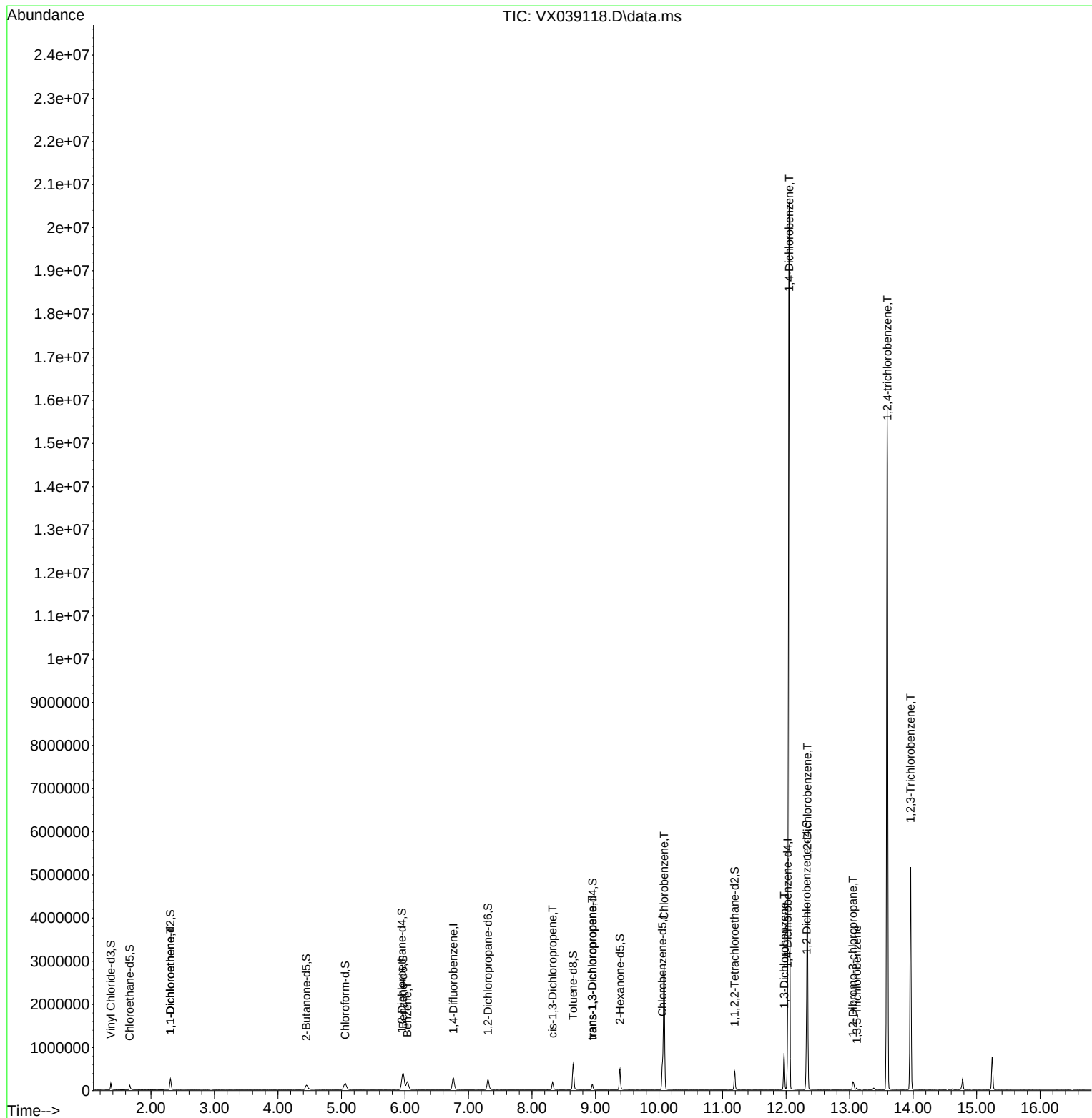
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	271518	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	247301	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111533	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	95113	44.662	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.320%		
7) Chloroethane-d5	1.666	69	71146	45.197	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.400%		
11) 1,1-Dichloroethene-d2	2.306	65	44502	47.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.200%		
21) 2-Butanone-d5	4.446	46	184057	95.478	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.480%		
24) Chloroform-d	5.056	84	175798	46.631	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.260%		
26) 1,2-Dichloroethane-d4	5.952	65	118287	48.448	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.900%		
32) Benzene-d6	5.970	84	383774	50.283	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.560%		
36) 1,2-Dichloropropane-d6	7.305	67	125635	51.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.300%		
41) Toluene-d8	8.647	98	343037	49.597	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.200%		
43) trans-1,3-Dichloroprop...	8.951	79	58586	46.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.740%		
47) 2-Hexanone-d5	9.384	63	138782	94.602	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.600%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	170123	48.825	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.660%		
66) 1,2-Dichlorobenzene-d4	12.323	152	113164	53.679	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.360%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1115	0.637	ug/L #	1
33) Benzene	6.037	78	215424	27.411	ug/L	100
39) cis-1,3-Dichloropropene	8.324	75	4147	1.193	ug/L #	68
44) trans-1,3-Dichloropropene	8.945	75	2789	0.865	ug/L	86
51) Chlorobenzene	10.079	112	1166146	226.533	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	243644	69.847	ug/L	98
65) 1,4-Dichlorobenzene	12.048	146	5957631	1685.426	ug/L	94
67) 1,2-Dichlorobenzene	12.335	146	1169656	350.531	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.054	75	4286	5.621	ug/L #	11
69) 1,3,5-Trichlorobenzene	13.115	180	7310	3.169	ug/L	99
70) 1,2,4-trichlorobenzene	13.597	180	3343927	1537.613	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1061168	503.939	ug/L	99

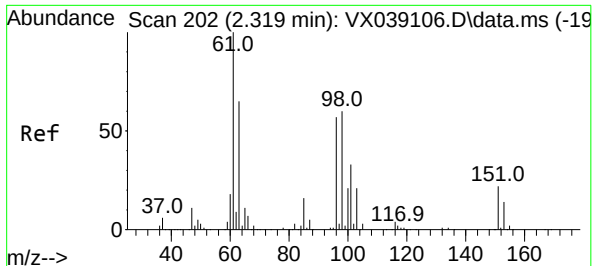
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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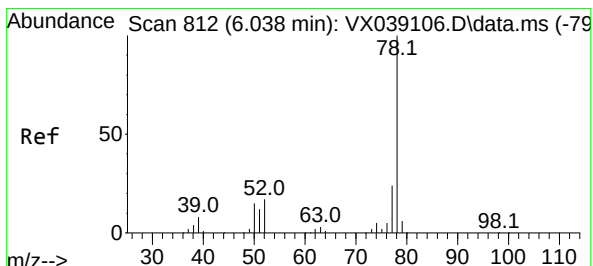
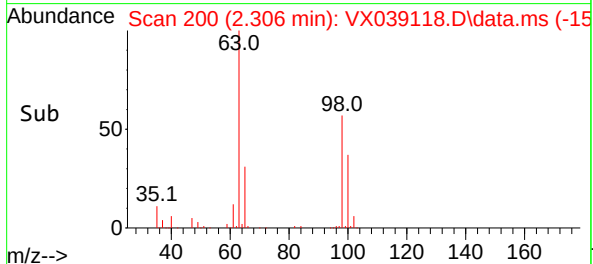
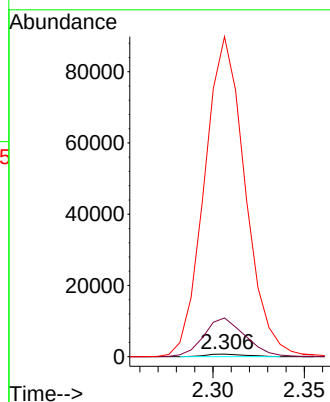
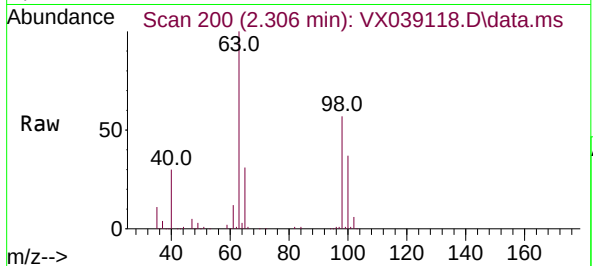




#12
1,1-Dichloroethene
Concen: 0.637 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039118.D
Acq: 08 Dec 2023 20:22

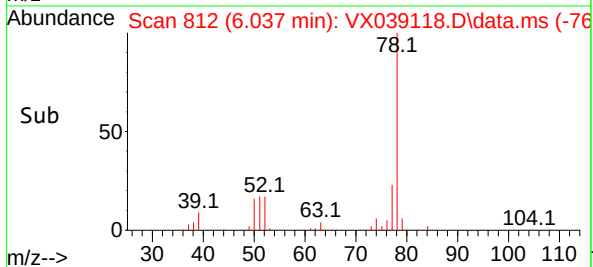
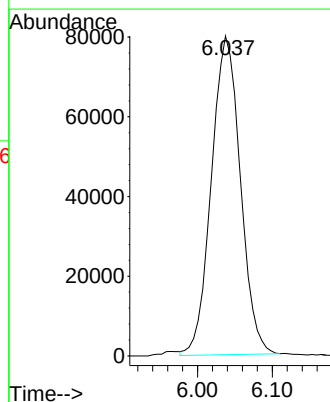
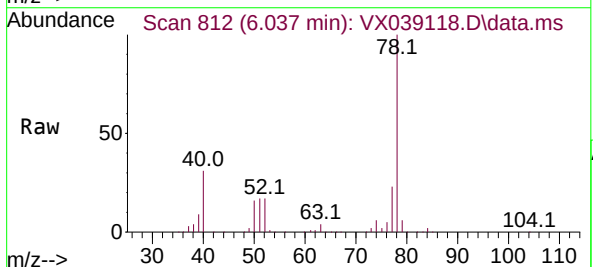
Instrument :
MSVOA_X
ClientSampleId :
C0AS1

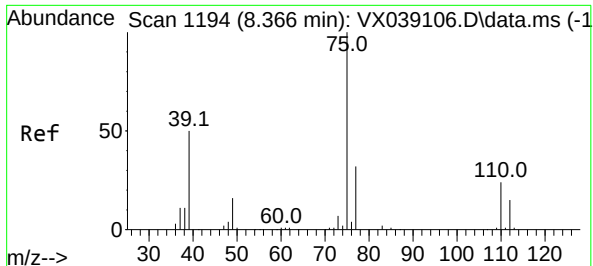
Tgt Ion: 96 Resp: 1115
Ion Ratio Lower Upper
96 100
61 1463.2 128.0 237.6#
63 12107.8 101.5 188.5#



#33
Benzene
Concen: 27.411 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX039118.D
Acq: 08 Dec 2023 20:22

Tgt Ion: 78 Resp: 215424





#39

cis-1,3-Dichloropropene

Concen: 1.193 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX039118.D

Acq: 08 Dec 2023 20:22

Instrument :

MSVOA_X

ClientSampleId :

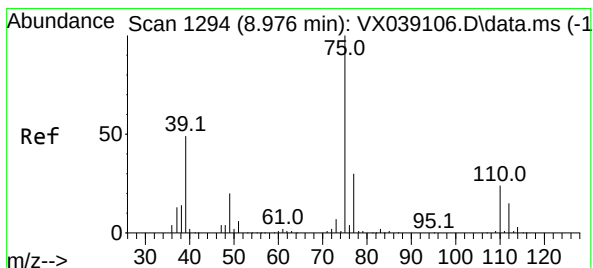
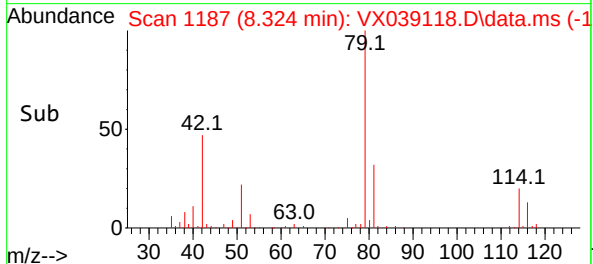
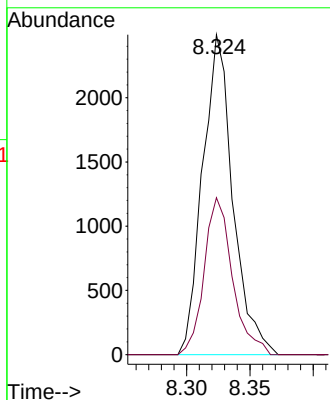
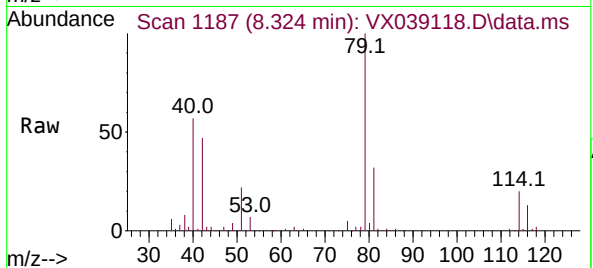
C0AS1

Tgt Ion: 75 Resp: 4147

Ion Ratio Lower Upper

75 100

77 49.1 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.865 ug/L

RT: 8.945 min Scan# 1289

Delta R.T. -0.031 min

Lab File: VX039118.D

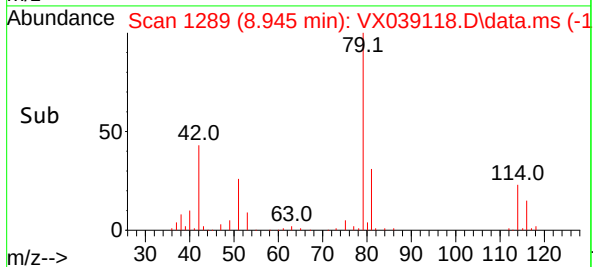
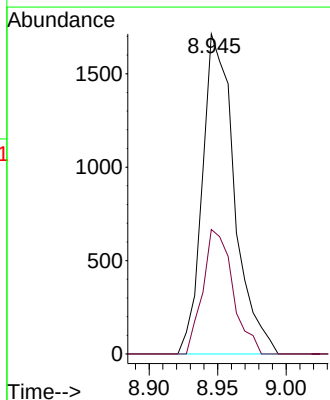
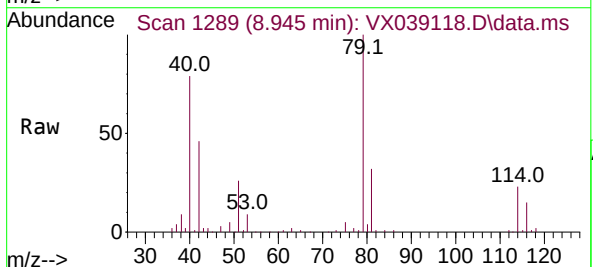
Acq: 08 Dec 2023 20:22

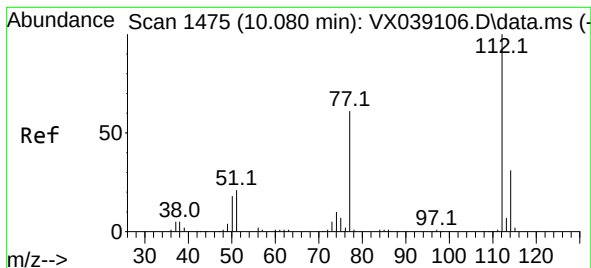
Tgt Ion: 75 Resp: 2789

Ion Ratio Lower Upper

75 100

77 38.9 22.0 40.8





#51

Chlorobenzene

Concen: 226.533 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX039118.D

Acq: 08 Dec 2023 20:22

Instrument :

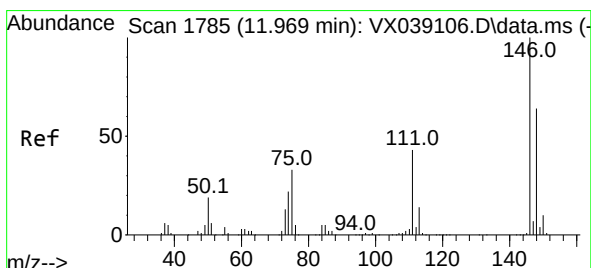
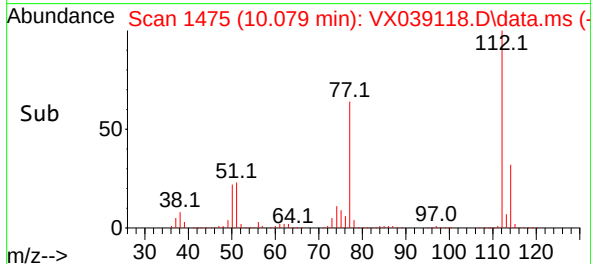
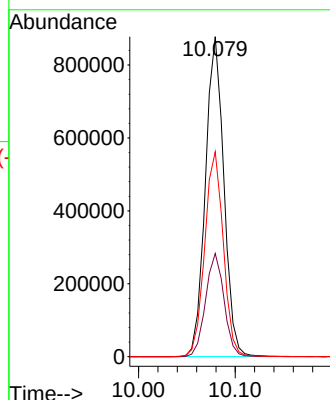
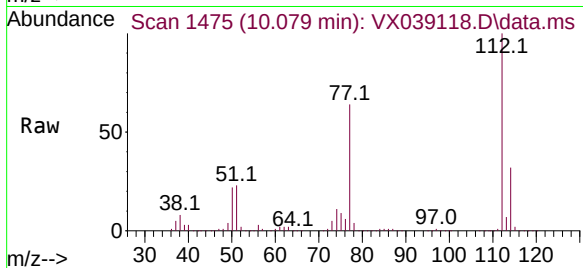
MSVOA_X

ClientSampleId :

C0AS1

Tgt Ion:112 Resp: 1166146

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: 69.847 ug/L

RT: 11.969 min Scan# 1785

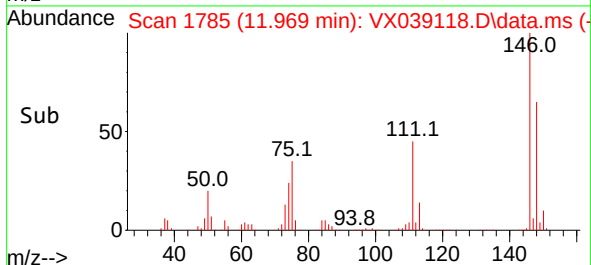
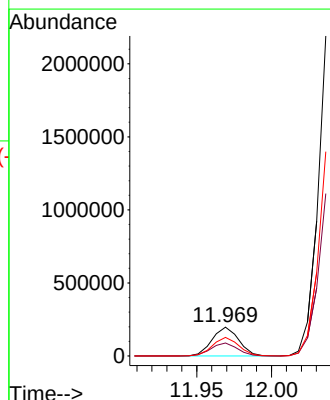
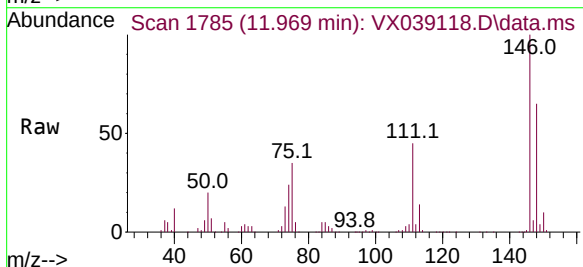
Delta R.T. -0.000 min

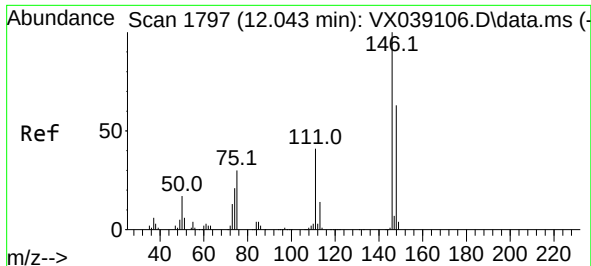
Lab File: VX039118.D

Acq: 08 Dec 2023 20:22

Tgt Ion:146 Resp: 243644

Ion	Ratio	Lower	Upper
146	100		
111	45.0	30.0	55.6
148	64.5	44.2	82.0

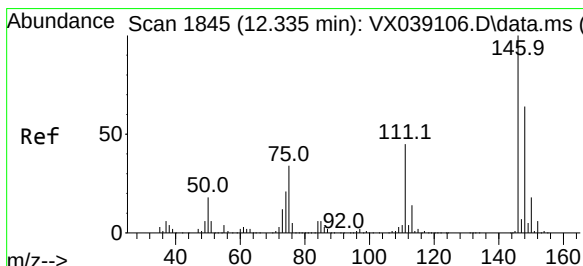
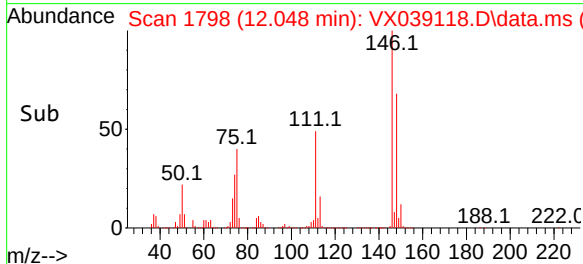
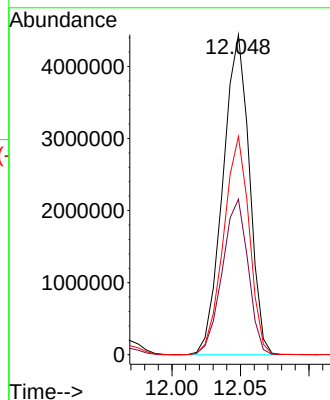
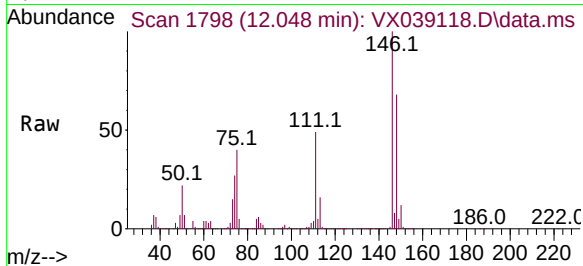




#65
1,4-Dichlorobenzene
Concen: 1685.426 ug/L
RT: 12.048 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039118.D
Acq: 08 Dec 2023 20:22

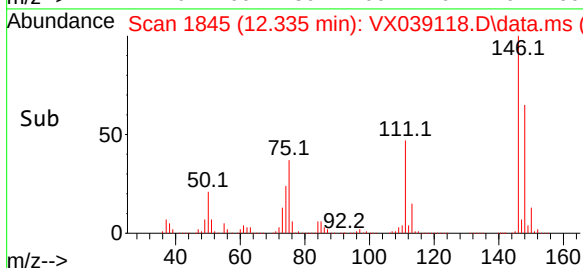
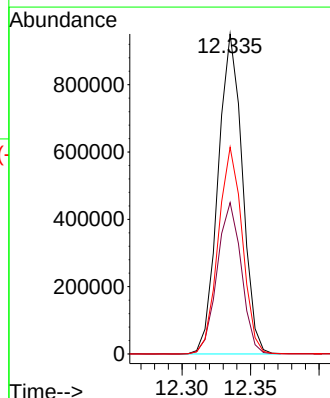
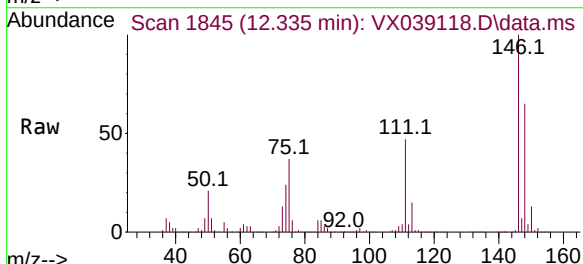
Instrument :
MSVOA_X
ClientSampleId :
C0AS1

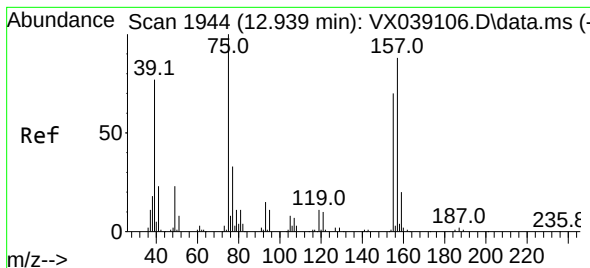
Tgt Ion:146 Resp: 5957631
Ion Ratio Lower Upper
146 100
111 48.6 29.7 55.1
148 68.2 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 350.531 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039118.D
Acq: 08 Dec 2023 20:22

Tgt Ion:146 Resp: 1169656
Ion Ratio Lower Upper
146 100
111 47.3 36.4 54.6
148 64.6 50.0 75.0

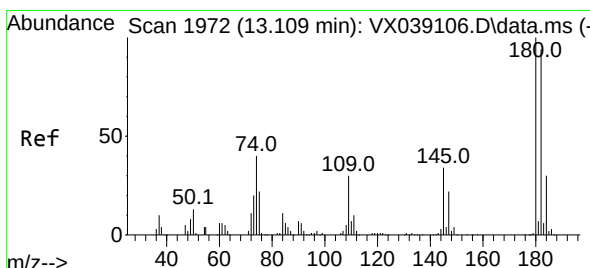
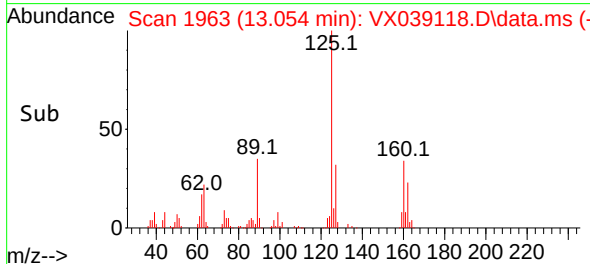
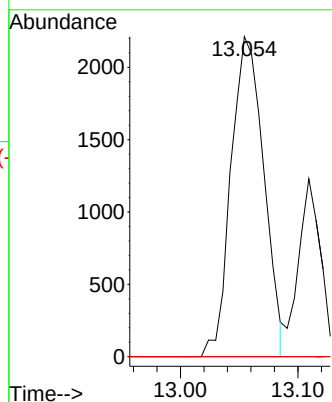
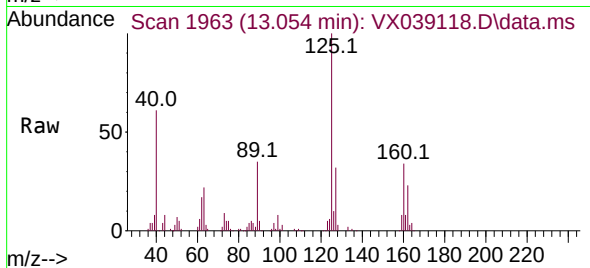




#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.621 ug/L
 RT: 13.054 min Scan# 1944
 Delta R.T. 0.116 min
 Lab File: VX039118.D
 Acq: 08 Dec 2023 20:22

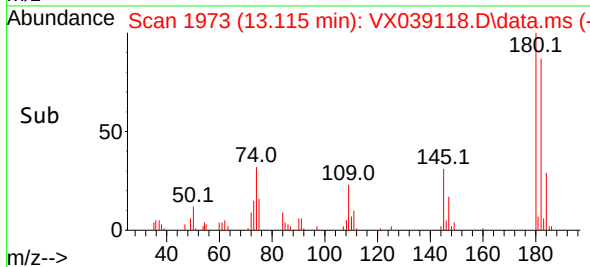
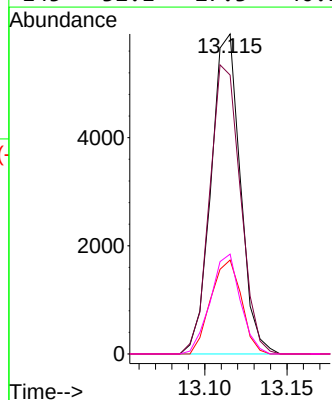
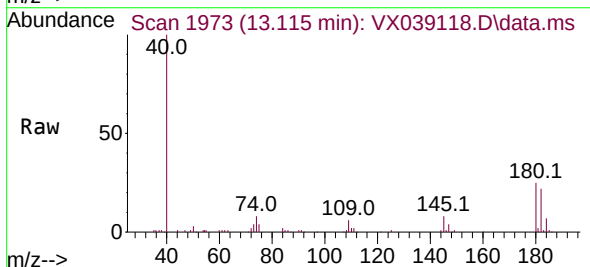
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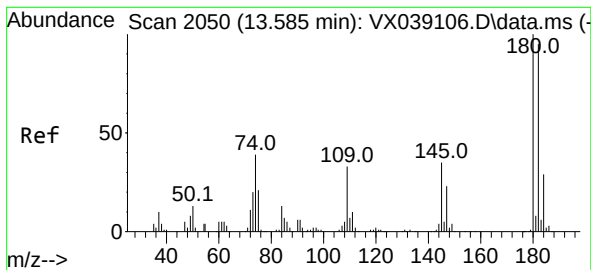
Tgt Ion: 75 Resp: 4286
 Ion Ratio Lower Upper
 75 100
 155 0.0 52.3 78.5#
 157 0.0 68.7 103.1#



#69
 1,3,5-Trichlorobenzene
 Concen: 3.169 ug/L
 RT: 13.115 min Scan# 1973
 Delta R.T. 0.006 min
 Lab File: VX039118.D
 Acq: 08 Dec 2023 20:22

Tgt Ion: 180 Resp: 7310
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.1 114.1
 184 30.6 24.1 36.1
 145 32.1 27.3 40.9

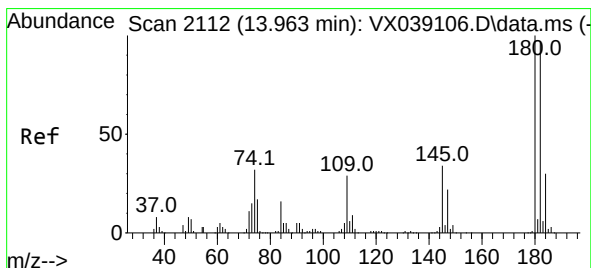
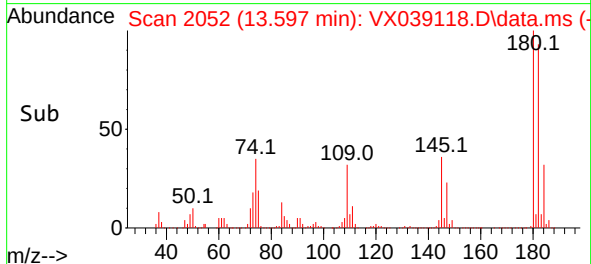
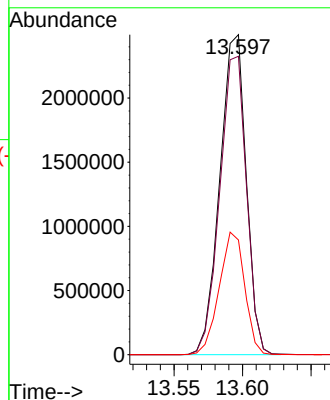
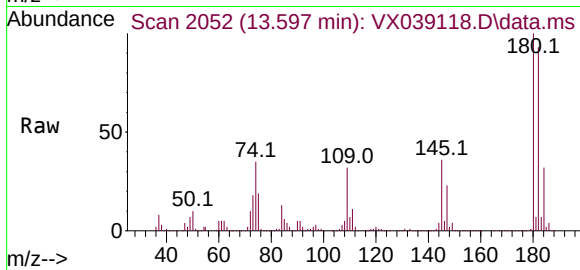




#70
1,2,4-trichlorobenzene
Concen: 1537.613 ug/L
RT: 13.597 min Scan# 2050
Delta R.T. 0.012 min
Lab File: VX039118.D
Acq: 08 Dec 2023 20:22

Instrument :
MSVOA_X
ClientSampleId :
C0AS1

Tgt Ion:180 Resp: 3343927
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
145 37.0 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 503.939 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039118.D
Acq: 08 Dec 2023 20:22

Tgt Ion:180 Resp: 1061168
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 37.2 28.6 42.8

