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 Data File : VX039149.D
 Acq On : 11 Dec 2023 17:17
 Operator : JC/MD
 Sample : 05752-03 100X
 Misc : 4.97g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COAT1

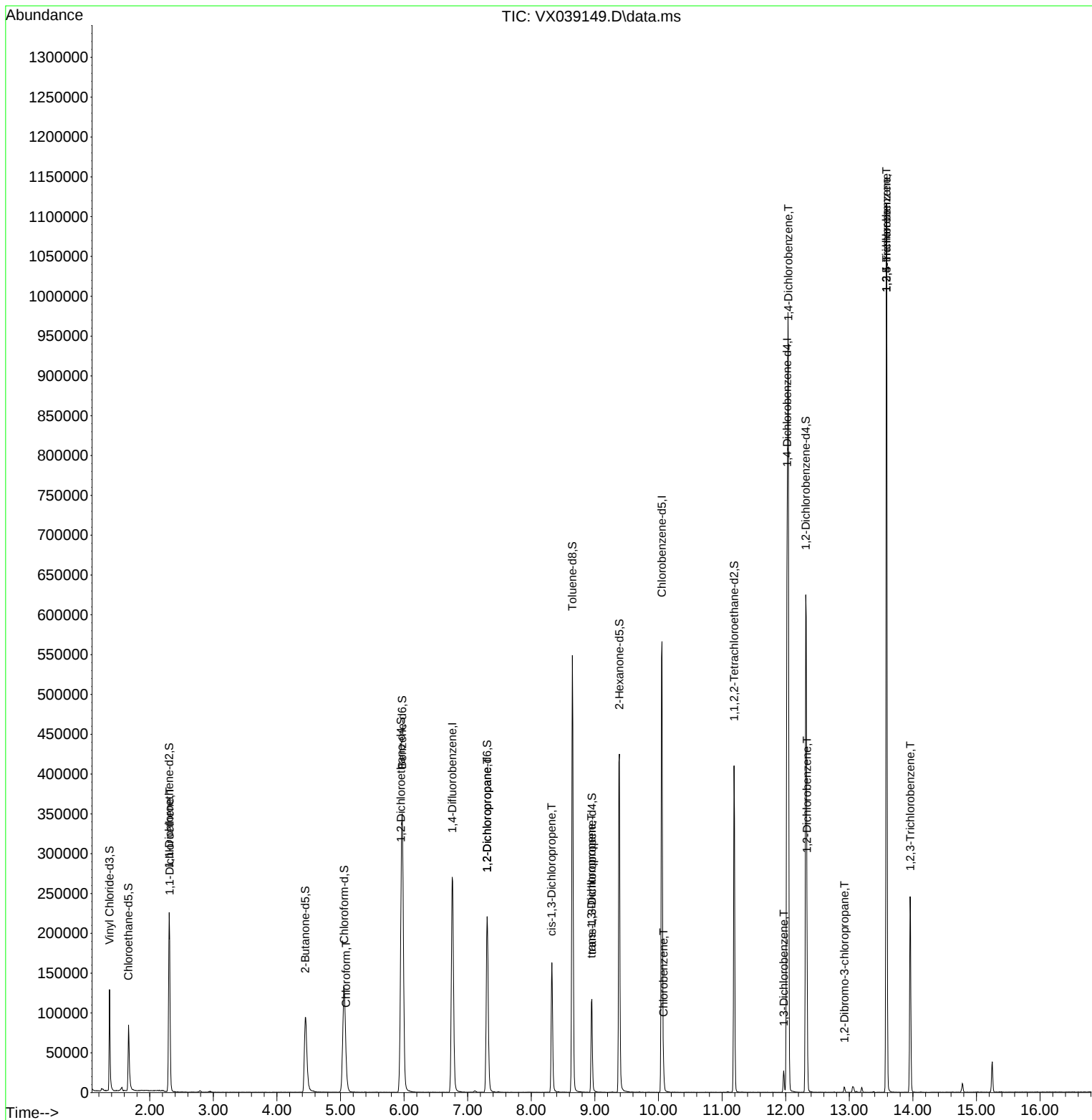
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

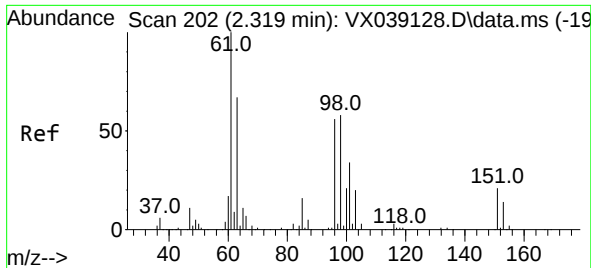
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	266944	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	244194	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114373	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	81576	38.961	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.920%		
7) Chloroethane-d5	1.666	69	60484	39.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.160%		
11) 1,1-Dichloroethene-d2	2.306	65	41656	45.323	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.640%		
21) 2-Butanone-d5	4.446	46	169417	89.389	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.390%		
24) Chloroform-d	5.056	84	160735	43.366	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.740%		
26) 1,2-Dichloroethane-d4	5.952	65	116132	48.380	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.760%		
32) Benzene-d6	5.970	84	346276	45.948	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.900%		
36) 1,2-Dichloropropane-d6	7.305	67	113395	46.754	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.500%		
41) Toluene-d8	8.646	98	310089	45.403	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.800%		
43) trans-1,3-Dichloroprop...	8.951	79	54911	44.490	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.980%		
47) 2-Hexanone-d5	9.384	63	124587	86.007	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.010%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157422	45.755	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.500%		
66) 1,2-Dichlorobenzene-d4	12.317	152	106852	49.426	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.860%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.312	96	1161	0.675	ug/L #	1
25) Chloroform	5.086	83	10655	2.982	ug/L	98
37) 1,2-Dichloropropane	7.305	63	13105	6.089	ug/L #	89
39) cis-1,3-Dichloropropene	8.317	75	3967	1.156	ug/L #	75
44) trans-1,3-Dichloropropene	8.945	75	2850	0.895	ug/L #	79
51) Chlorobenzene	10.079	112	9627	1.894	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	7758	2.169	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	264696	73.024	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	49882	14.578	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.926	75	1120	1.432	ug/L #	11
69) 1,3,5-Trichlorobenzene	13.585	180	220925	93.389	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	220925	99.064	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	51308	23.761	ug/L	99

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

Quant Time: Dec 12 03:56:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

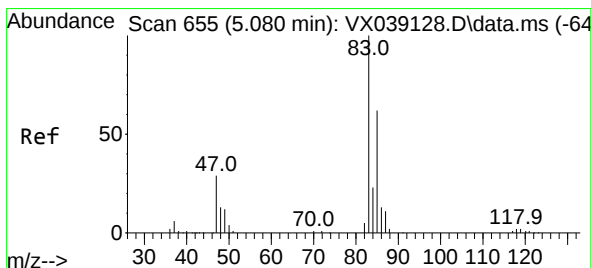
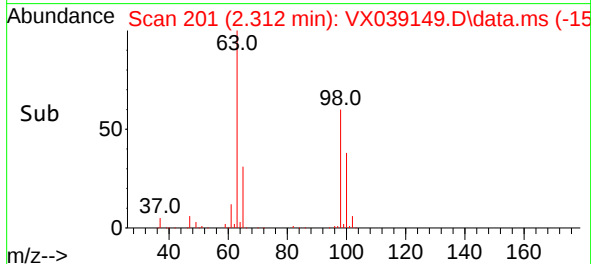
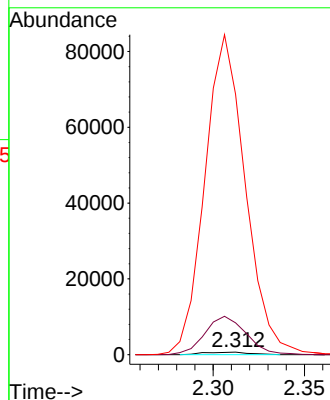
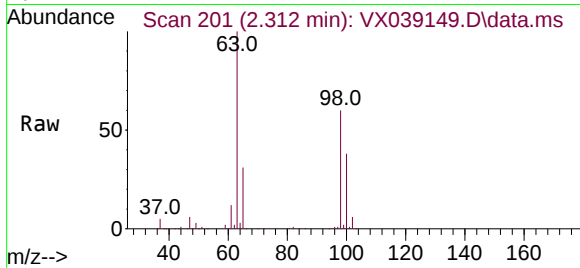




#12
1,1-Dichloroethene
Concen: 0.675 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

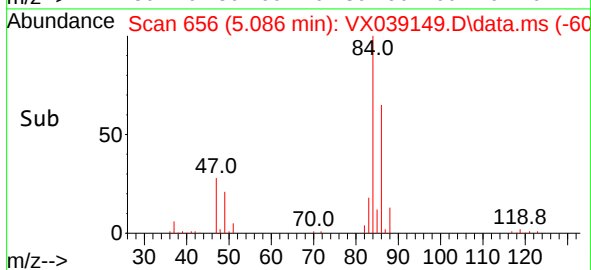
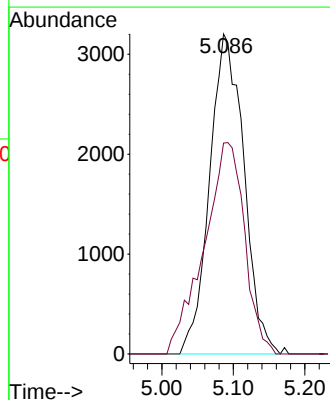
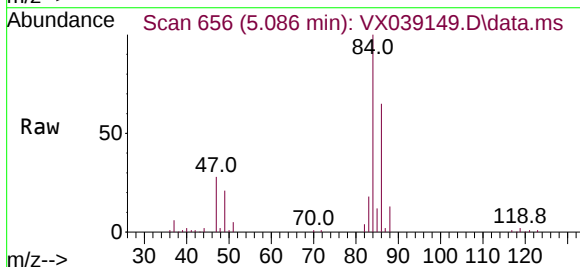
Instrument :
MSVOA_X
ClientSampleId :
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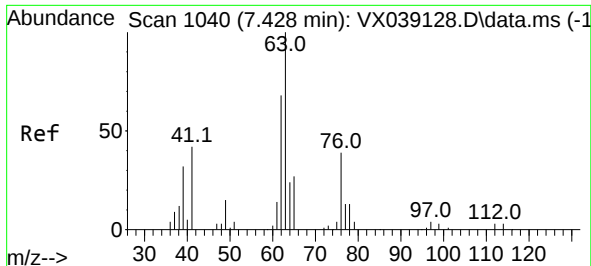
Tgt Ion: 96 Resp: 1161
Ion Ratio Lower Upper
96 100
61 1237.0 128.0 237.6#
63 10135.7 101.5 188.5#



#25
Chloroform
Concen: 2.982 ug/L
RT: 5.086 min Scan# 656
Delta R.T. 0.006 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

Tgt Ion: 83 Resp: 10655
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.7





#37

1,2-Dichloropropane

Concen: 6.089 ug/L

RT: 7.305 min Scan# 1186

Delta R.T. -0.122 min

Lab File: VX039149.D

Acq: 11 Dec 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

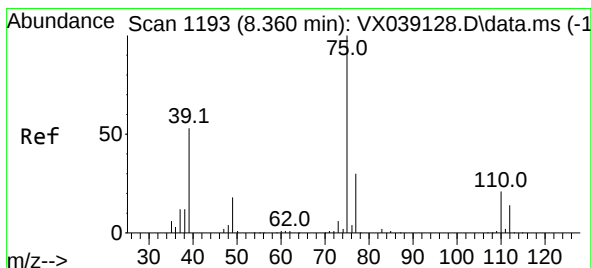
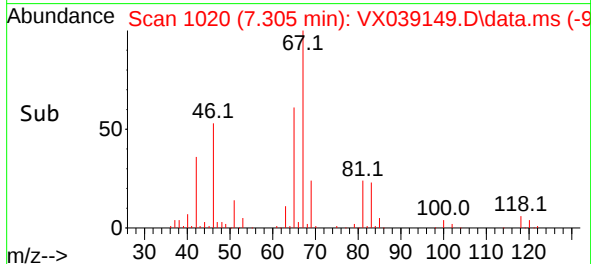
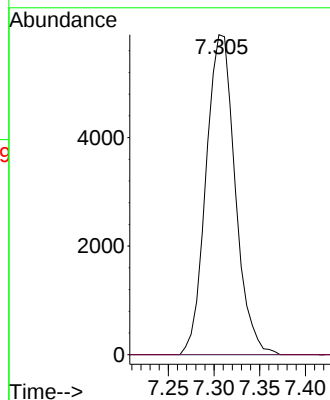
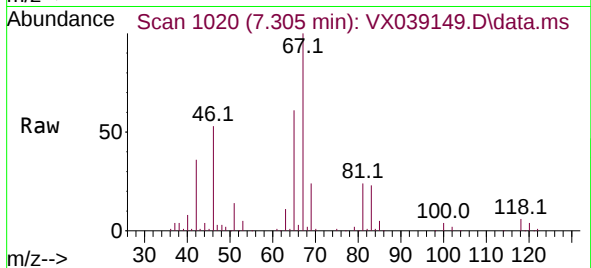
C0AT1

Tgt Ion: 63 Resp: 13105

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.156 ug/L

RT: 8.317 min Scan# 1186

Delta R.T. -0.043 min

Lab File: VX039149.D

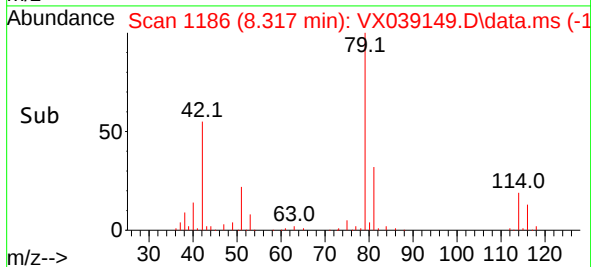
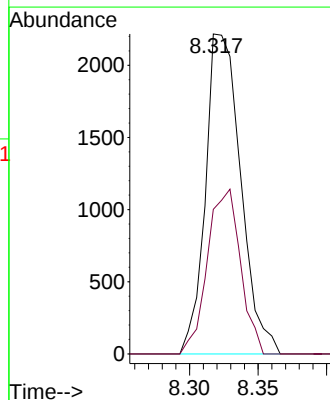
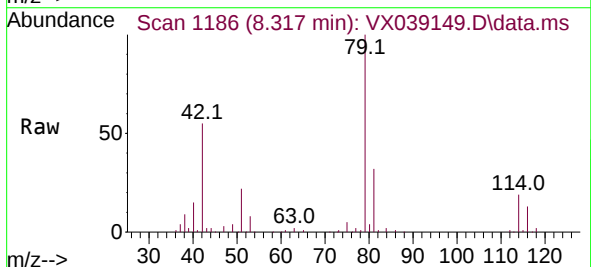
Acq: 11 Dec 2023 17:17

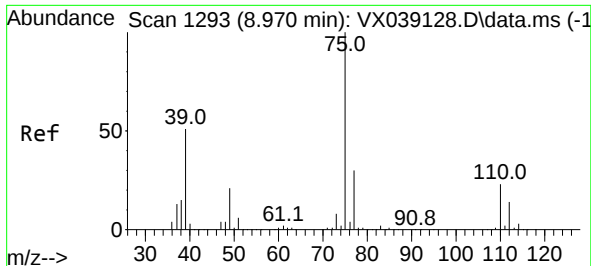
Tgt Ion: 75 Resp: 3967

Ion Ratio Lower Upper

75 100

77 45.2 22.0 40.8#

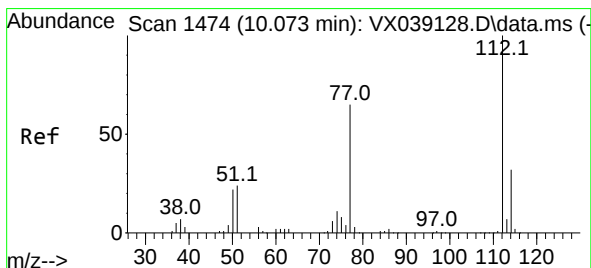
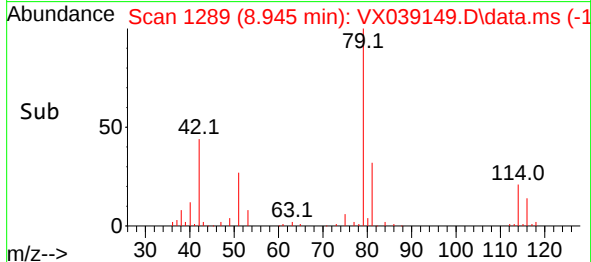
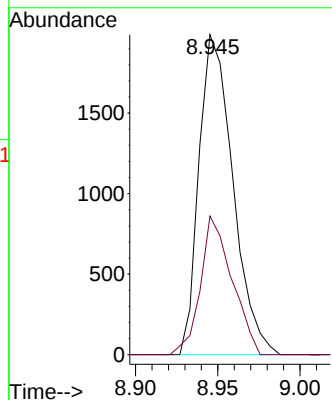
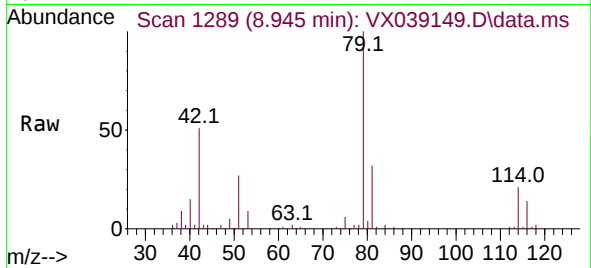




#44
trans-1,3-Dichloropropene
Concen: 0.895 ug/L
RT: 8.945 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

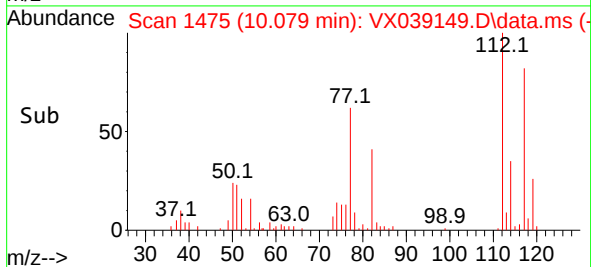
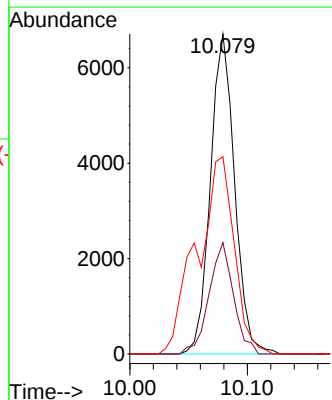
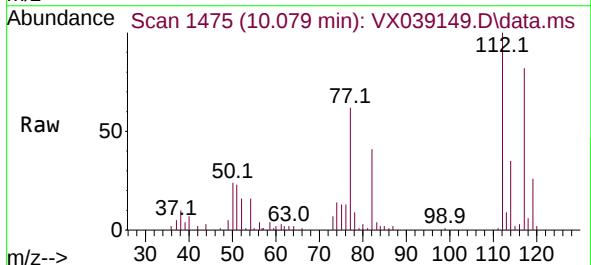
Instrument :
MSVOA_X
ClientSampleId :
C0AT1

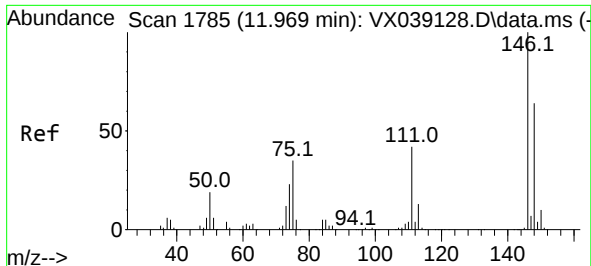
Tgt Ion: 75 Resp: 2850
Ion Ratio Lower Upper
75 100
77 43.3 22.0 40.8#



#51
Chlorobenzene
Concen: 1.894 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

Tgt Ion: 112 Resp: 9627
Ion Ratio Lower Upper
112 100
114 34.8 21.8 40.4
77 61.6 49.0 73.6

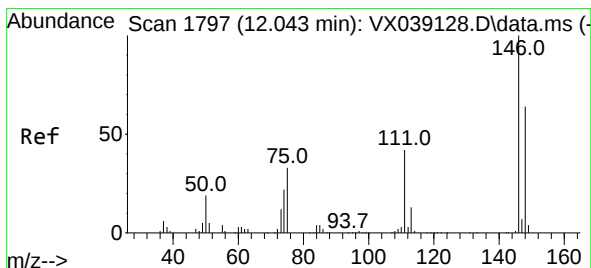
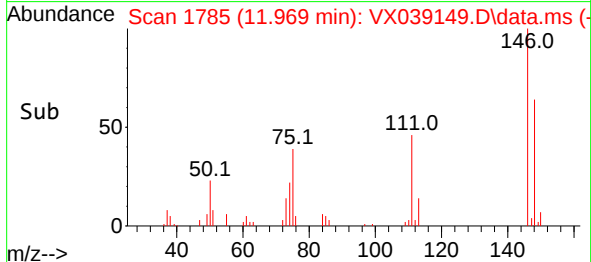
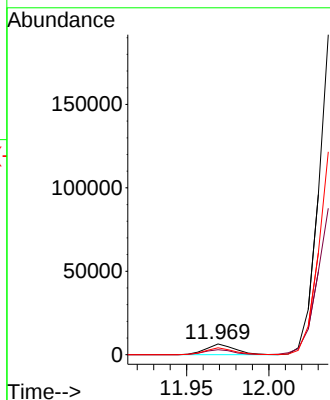
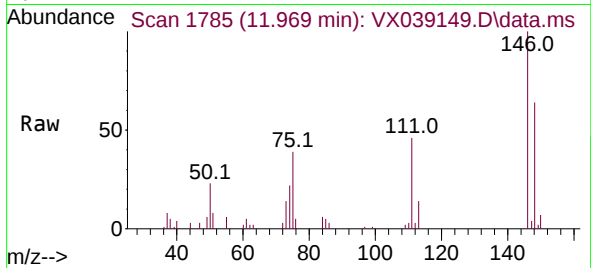




#64
1,3-Dichlorobenzene
Concen: 2.169 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

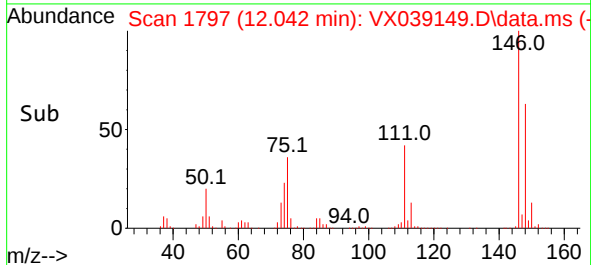
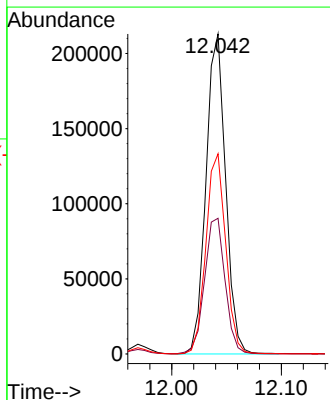
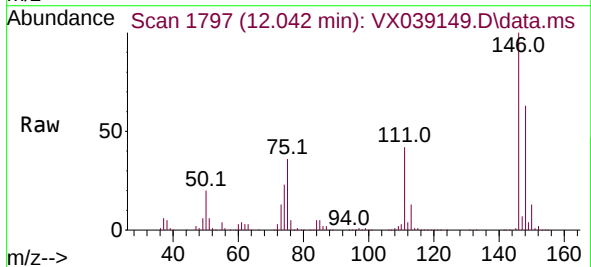
Instrument :
MSVOA_X
ClientSampleId :
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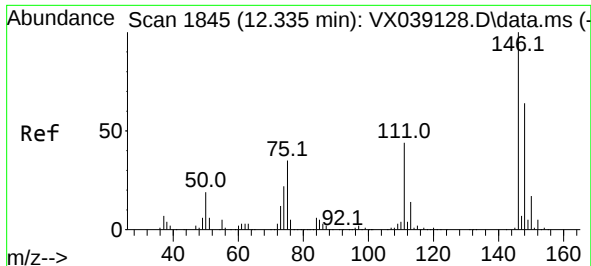
Tgt Ion:146 Resp: 7758
Ion Ratio Lower Upper
146 100
111 45.8 30.0 55.6
148 63.7 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 73.024 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

Tgt Ion:146 Resp: 264696
Ion Ratio Lower Upper
146 100
111 42.4 29.7 55.1
148 62.6 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 14.578 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX039149.D

Acq: 11 Dec 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

C0AT1

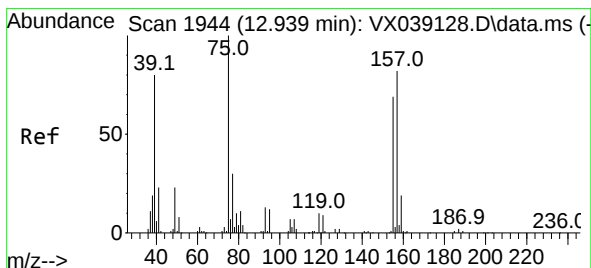
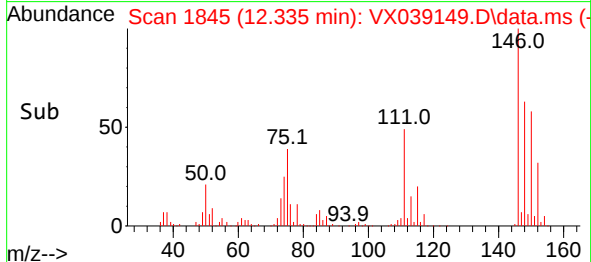
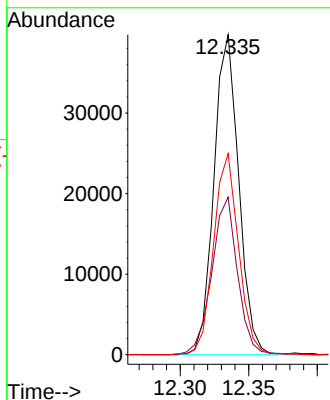
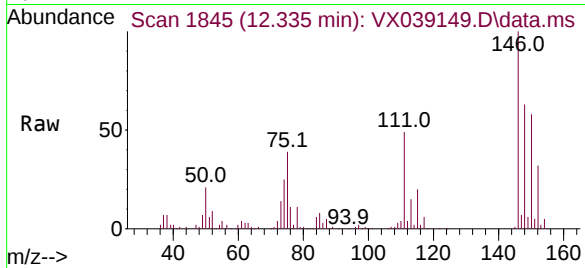
Tgt Ion:146 Resp: 49882

Ion Ratio Lower Upper

146 100

111 49.2 36.4 54.6

148 62.8 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 1.432 ug/L

RT: 12.926 min Scan# 1942

Delta R.T. -0.013 min

Lab File: VX039149.D

Acq: 11 Dec 2023 17:17

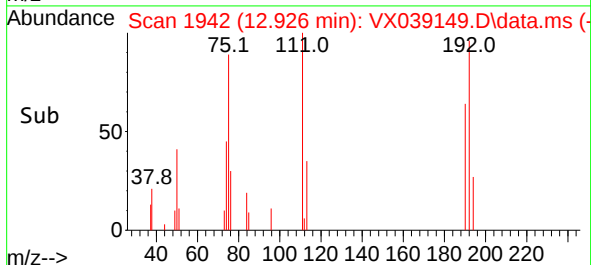
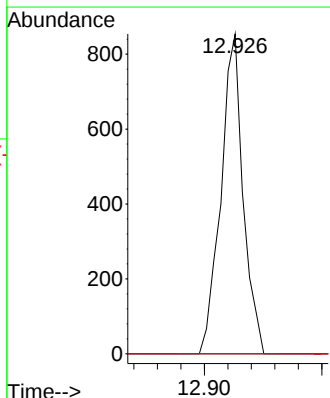
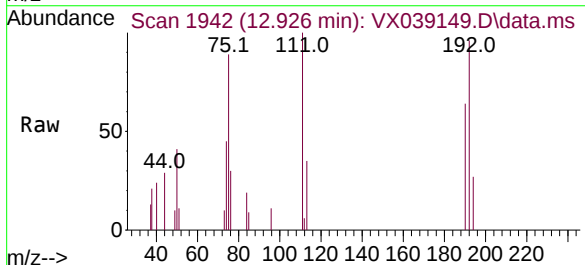
Tgt Ion: 75 Resp: 1120

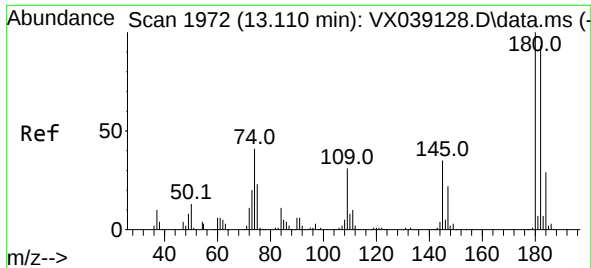
Ion Ratio Lower Upper

75 100

155 0.0 52.3 78.5#

157 0.0 68.7 103.1#

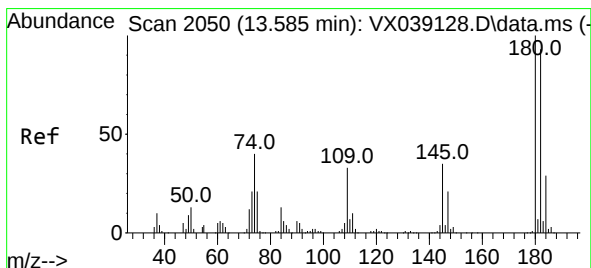
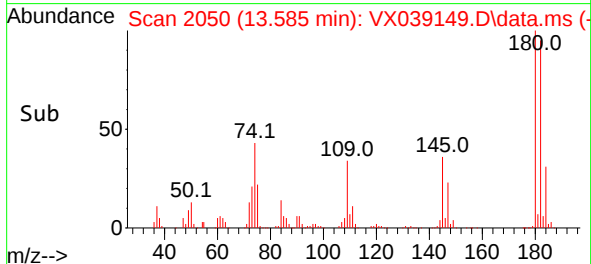
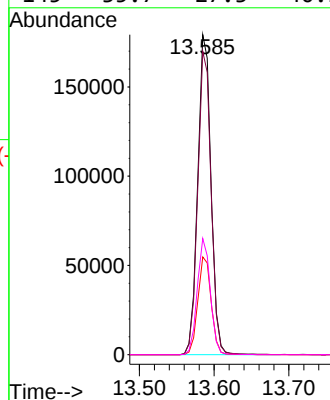
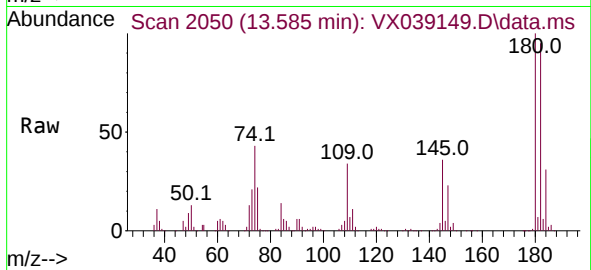




#69
1,3,5-Trichlorobenzene
Concen: 93.389 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.475 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

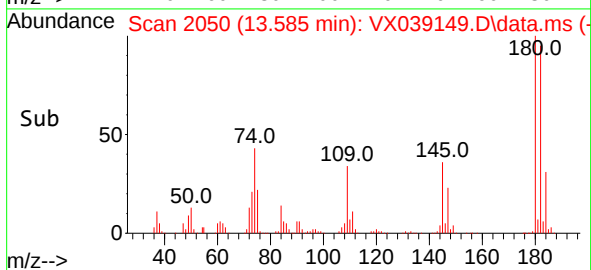
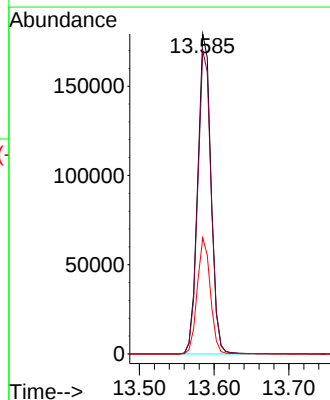
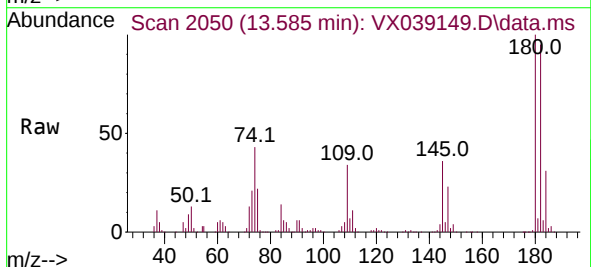
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ClientSampleId :
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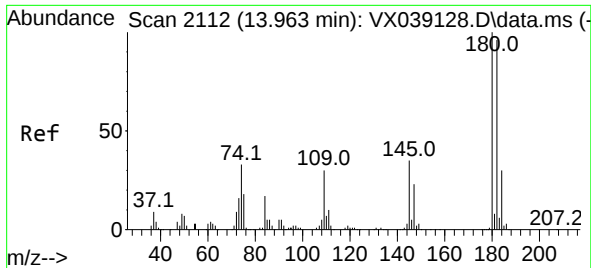
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Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
184 30.7 24.1 36.1
145 35.7 27.3 40.9



#70
1,2,4-trichlorobenzene
Concen: 99.064 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039149.D
Acq: 11 Dec 2023 17:17

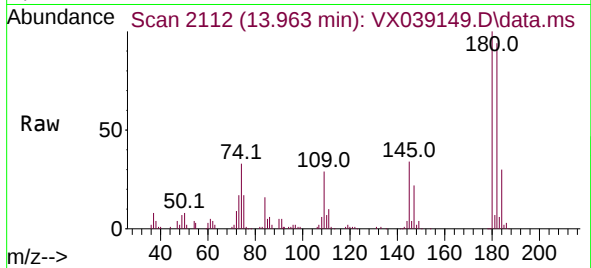
Tgt Ion:180 Resp: 220925
Ion Ratio Lower Upper
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182 95.2 76.8 115.2
145 35.7 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 23.761 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039149.D
 Acq: 11 Dec 2023 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT1



Tgt Ion:180 Resp: 51308
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.9 113.9
 145 36.6 28.6 42.8

