

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039148.D
 Acq On : 11 Dec 2023 16:54
 Operator : JC/MD
 Sample : 05752-02 100X
 Misc : 2.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COATO

Quant Time: Dec 12 03:56:01 2023
 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)

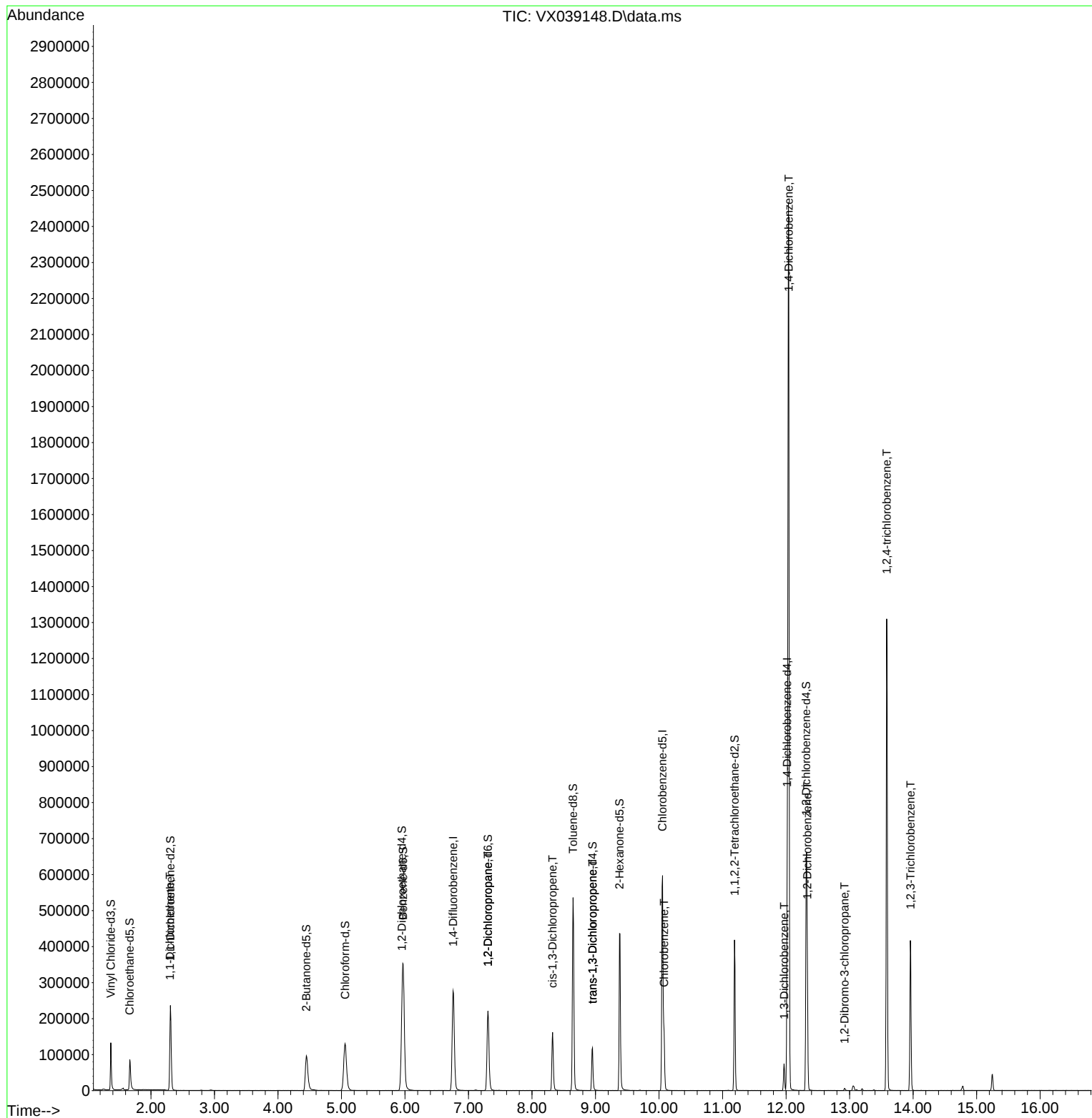
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	275831	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	251892	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	119981	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	82483	38.125	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.260%		
7) Chloroethane-d5	1.666	69	62559	39.121	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.240%		
11) 1,1-Dichloroethene-d2	2.306	65	41123	43.302	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.600%		
21) 2-Butanone-d5	4.446	46	174070	88.885	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.890%		
24) Chloroform-d	5.056	84	164989	43.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.160%		
26) 1,2-Dichloroethane-d4	5.952	65	116416	46.936	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.880%		
32) Benzene-d6	5.970	84	349687	44.982	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.960%		
36) 1,2-Dichloropropane-d6	7.305	67	112307	44.891	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.780%		
41) Toluene-d8	8.647	98	308054	43.727	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.460%		
43) trans-1,3-Dichloroprop...	8.951	79	55834	43.856	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.720%		
47) 2-Hexanone-d5	9.378	63	127037	85.018	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.020%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	158480	44.655	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.300%		
66) 1,2-Dichlorobenzene-d4	12.317	152	107946	47.598	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.300	96	972	0.547	ug/L #	1
37) 1,2-Dichloropropane	7.305	63	13088	5.895	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	4042	1.142	ug/L #	57
44) trans-1,3-Dichloropropene	8.951	75	2754	0.838	ug/L	92
51) Chlorobenzene	10.079	112	64293	12.262	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	21148	5.636	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	712101	187.270	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	95200	26.521	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.920	75	1239	1.510	ug/L #	11
70) 1,2,4-trichlorobenzene	13.585	180	265305	113.404	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	86137	38.025	ug/L	98

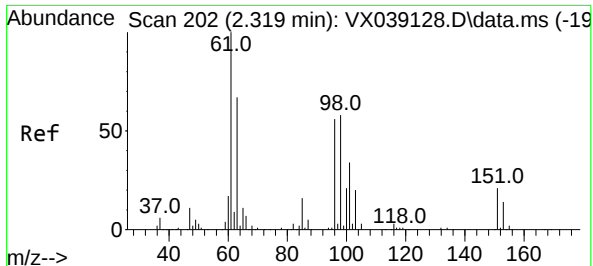
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.547 ug/L

RT: 2.300 min Scan# 11

Delta R.T. -0.019 min

Lab File: VX039148.D

Acq: 11 Dec 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

COATO

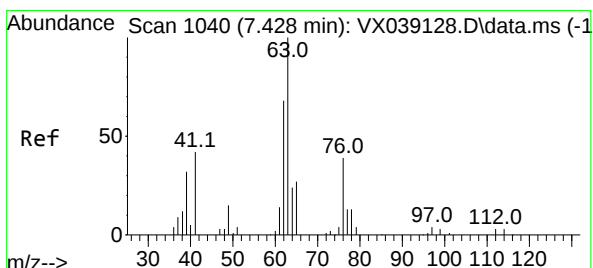
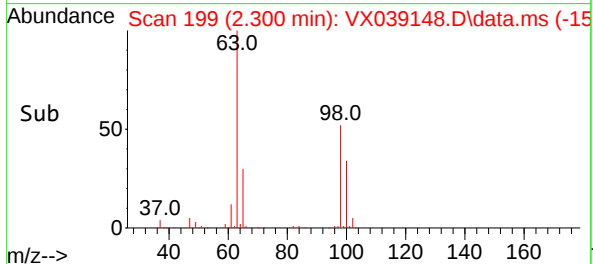
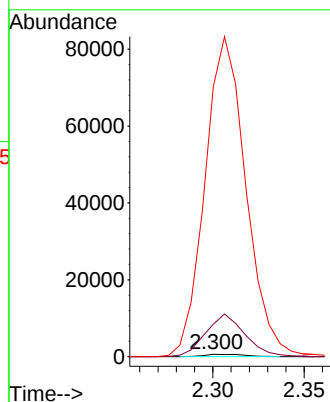
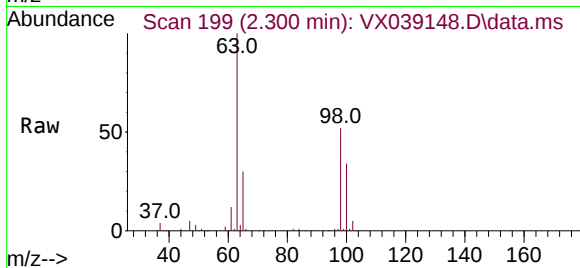
Tgt Ion: 96 Resp: 972

Ion Ratio Lower Upper

96 100

61 1383.2 128.0 237.6#

63 11481.0 101.5 188.5#



#37

1,2-Dichloropropane

Concen: 5.895 ug/L

RT: 7.305 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX039148.D

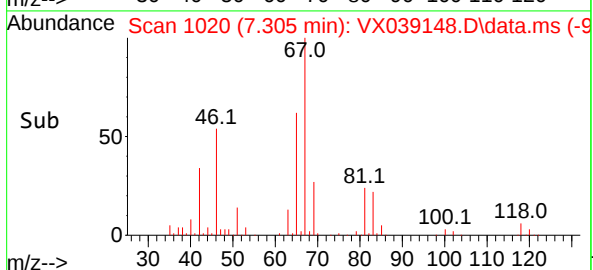
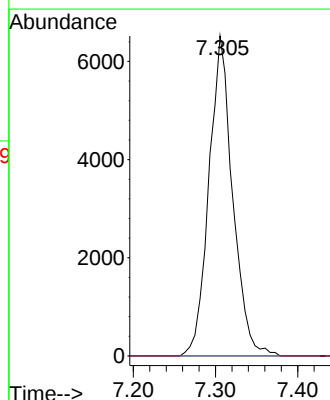
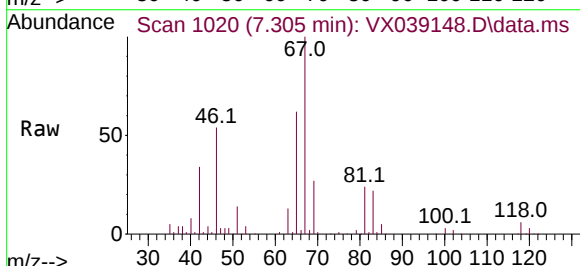
Acq: 11 Dec 2023 16:54

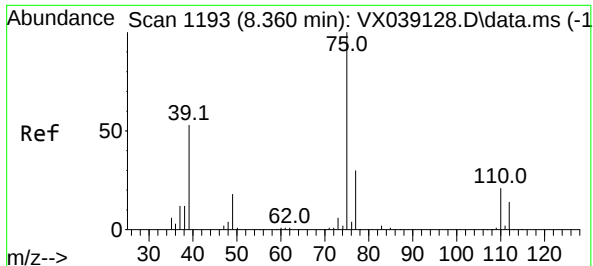
Tgt Ion: 63 Resp: 13088

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#39

cis-1,3-Dichloropropene

Concen: 1.142 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039148.D

Acq: 11 Dec 2023 16:54

Instrument :

MSVOA_X

ClientSampleId :

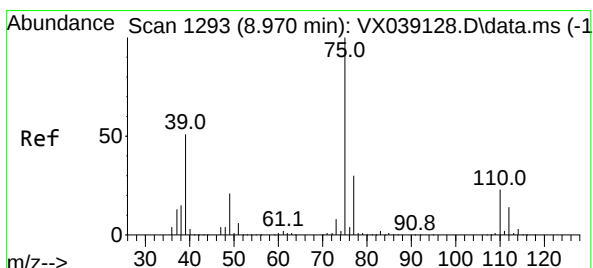
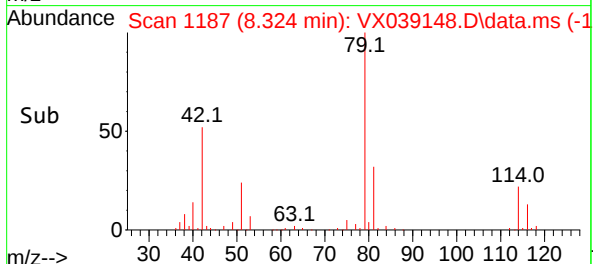
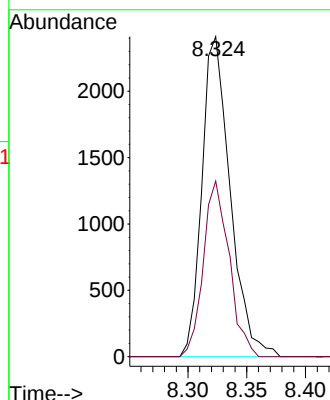
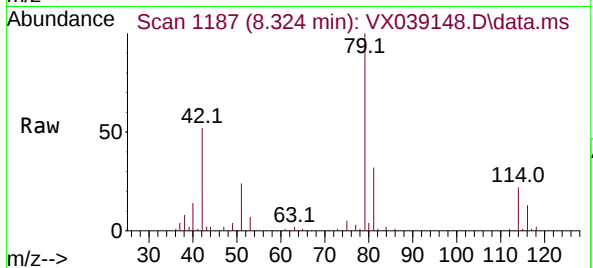
COATO

Tgt Ion: 75 Resp: 4042

Ion Ratio Lower Upper

75 100

77 54.9 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.838 ug/L

RT: 8.951 min Scan# 1290

Delta R.T. -0.019 min

Lab File: VX039148.D

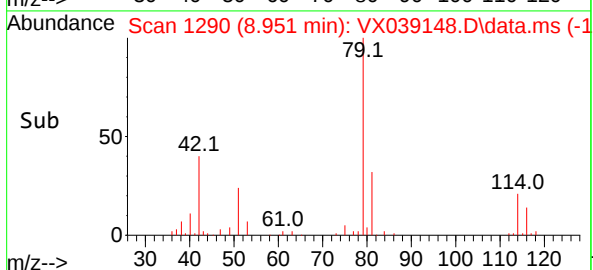
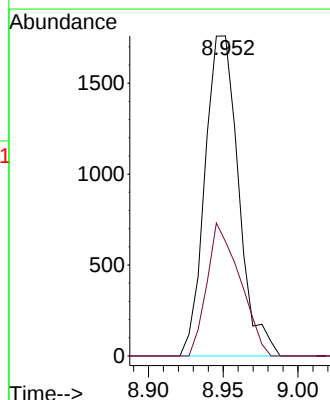
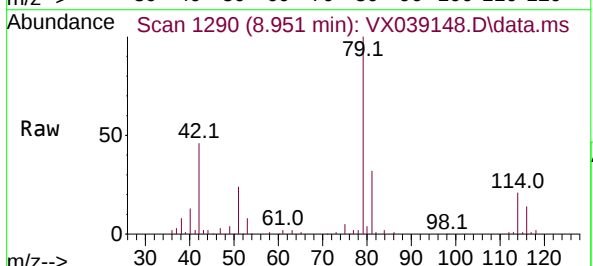
Acq: 11 Dec 2023 16:54

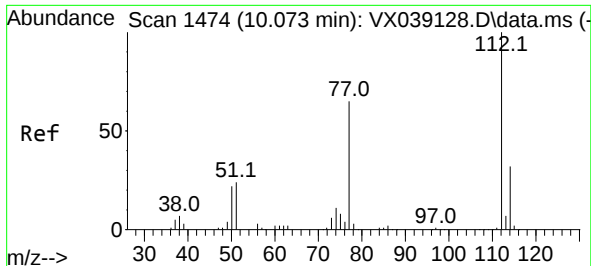
Tgt Ion: 75 Resp: 2754

Ion Ratio Lower Upper

75 100

77 35.7 22.0 40.8

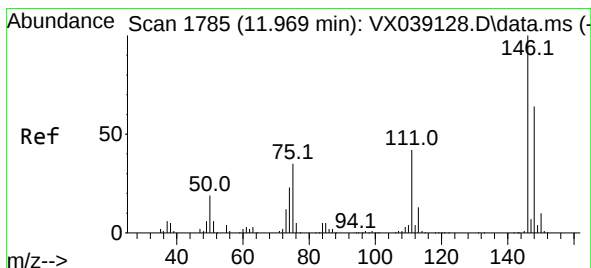
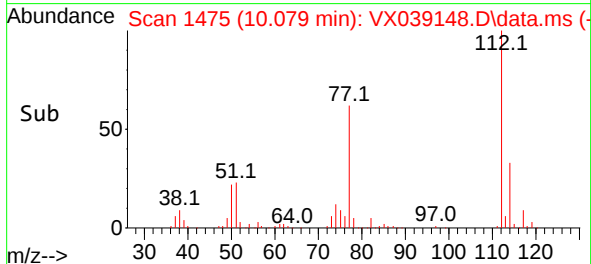
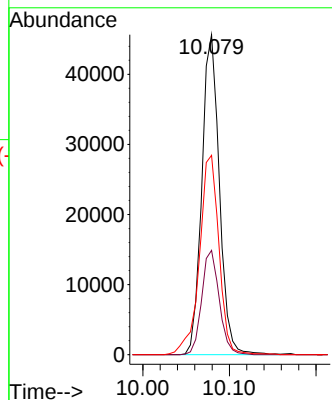
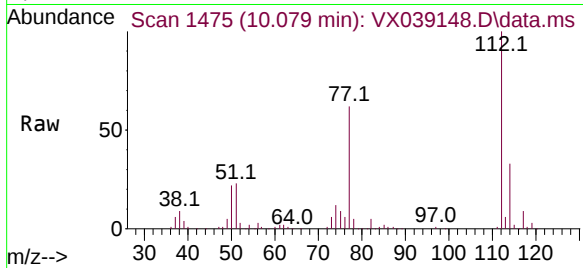




#51
Chlorobenzene
Concen: 12.262 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039148.D
Acq: 11 Dec 2023 16:54

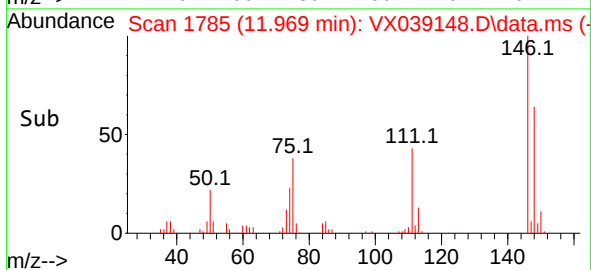
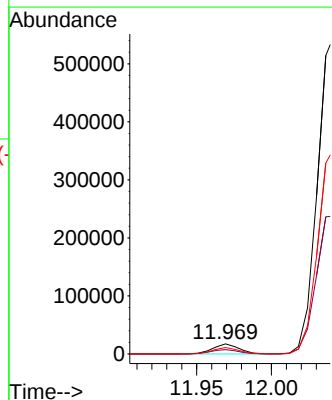
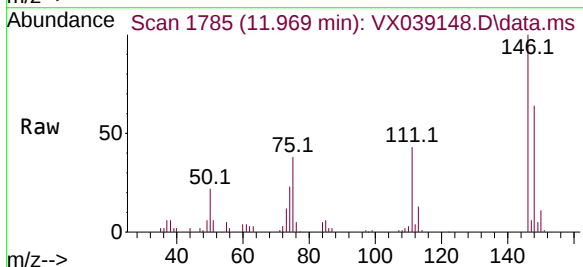
Instrument :
MSVOA_X
ClientSampleId :
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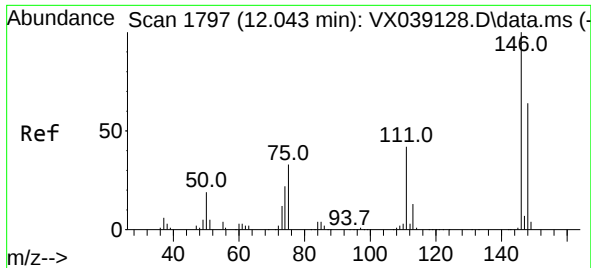
Tgt Ion:112 Resp: 64293
Ion Ratio Lower Upper
112 100
114 32.6 21.8 40.4
77 62.3 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 5.636 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039148.D
Acq: 11 Dec 2023 16:54

Tgt Ion:146 Resp: 21148
Ion Ratio Lower Upper
146 100
111 43.4 30.0 55.6
148 64.0 44.2 82.0

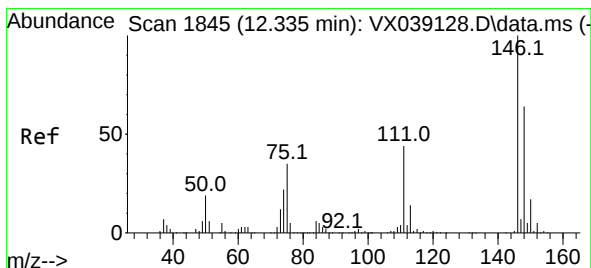
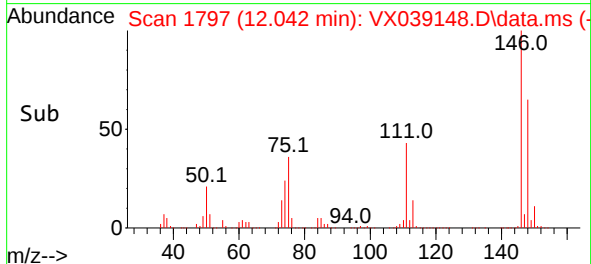
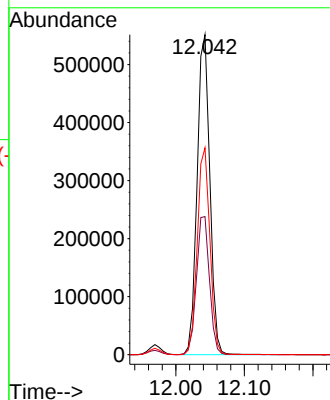
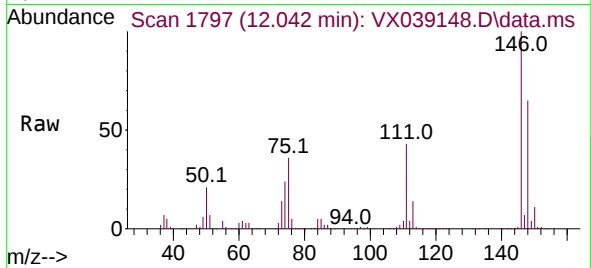




#65
1,4-Dichlorobenzene
Concen: 187.270 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039148.D
Acq: 11 Dec 2023 16:54

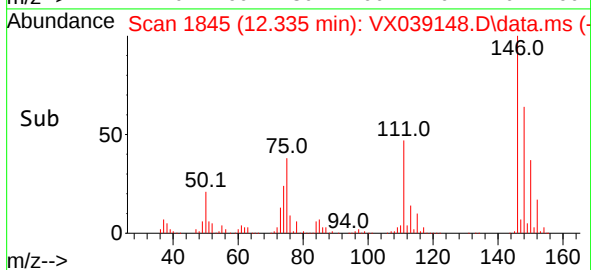
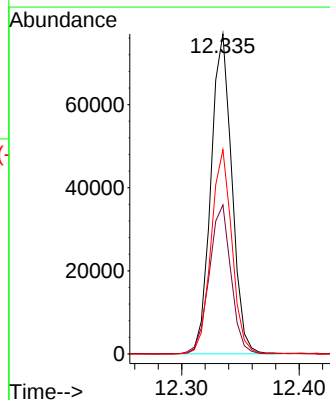
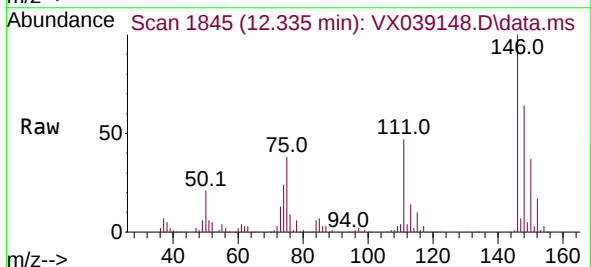
Instrument :
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ClientSampleId :
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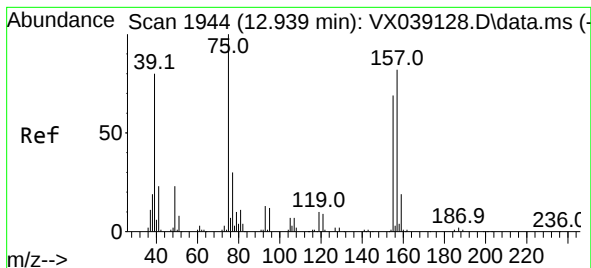
Tgt Ion:146 Resp: 712101
Ion Ratio Lower Upper
146 100
111 43.2 29.7 55.1
148 64.6 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 26.521 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039148.D
Acq: 11 Dec 2023 16:54

Tgt Ion:146 Resp: 95200
Ion Ratio Lower Upper
146 100
111 46.6 36.4 54.6
148 63.9 50.0 75.0

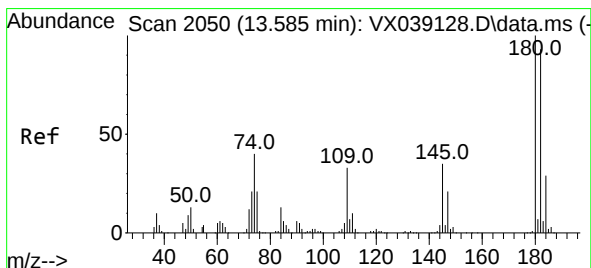
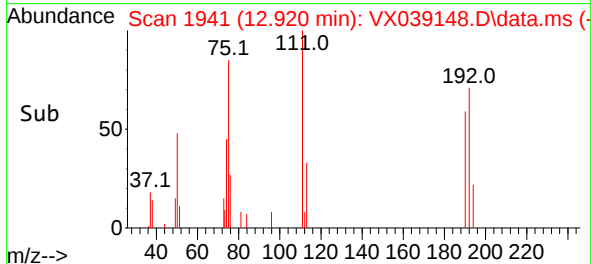
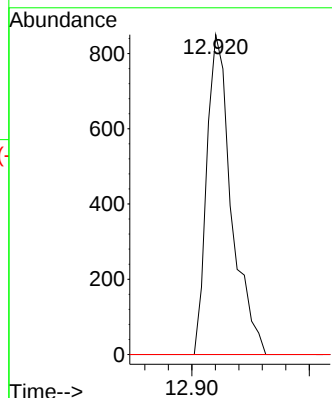
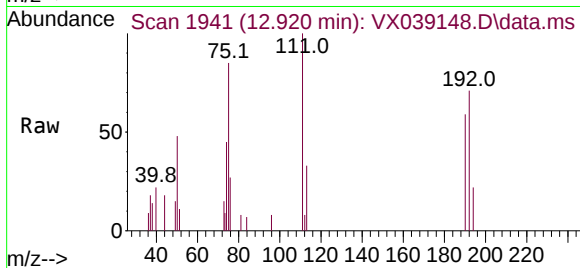




#68
1,2-Dibromo-3-chloropropane
Concen: 1.510 ug/L
RT: 12.920 min Scan# 1944
Delta R.T. -0.019 min
Lab File: VX039148.D
Acq: 11 Dec 2023 16:54

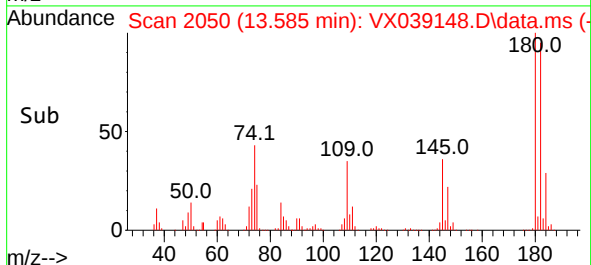
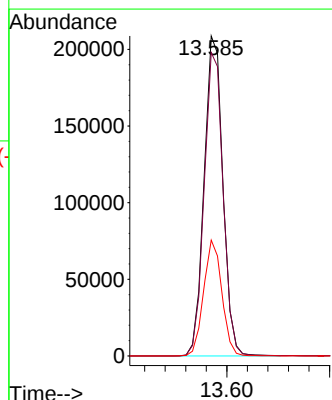
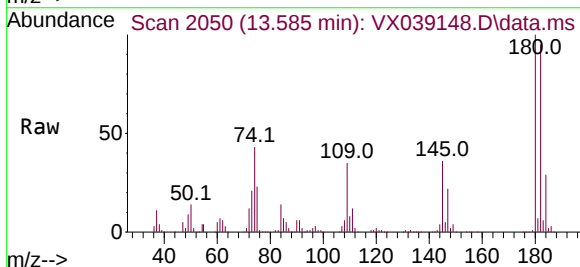
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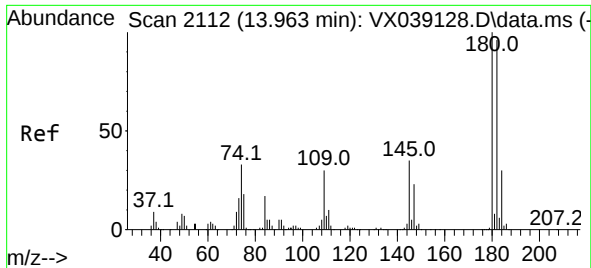
Tgt Ion: 75 Resp: 1239
Ion Ratio Lower Upper
75 100
155 0.0 52.3 78.5#
157 0.0 68.7 103.1#



#70
1,2,4-trichlorobenzene
Concen: 113.404 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039148.D
Acq: 11 Dec 2023 16:54

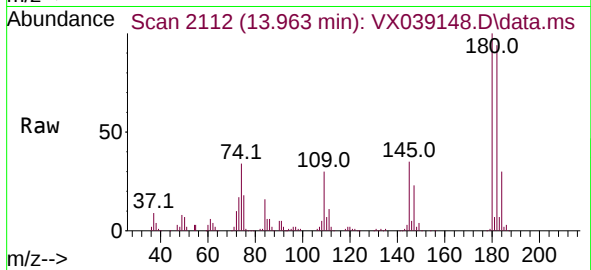
Tgt Ion:180 Resp: 265305
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
145 35.2 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 38.025 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX039148.D
 Acq: 11 Dec 2023 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 COAT0



Tgt Ion:180 Resp: 86137
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.9 113.9
 145 36.8 28.6 42.8

