

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039360.D
 Acq On : 19 Dec 2023 16:41
 Operator : JC/MD
 Sample : 05808-10
 Misc : 4.90g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:06:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 19 22:02:33 2023
 Response via : Initial Calibration

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

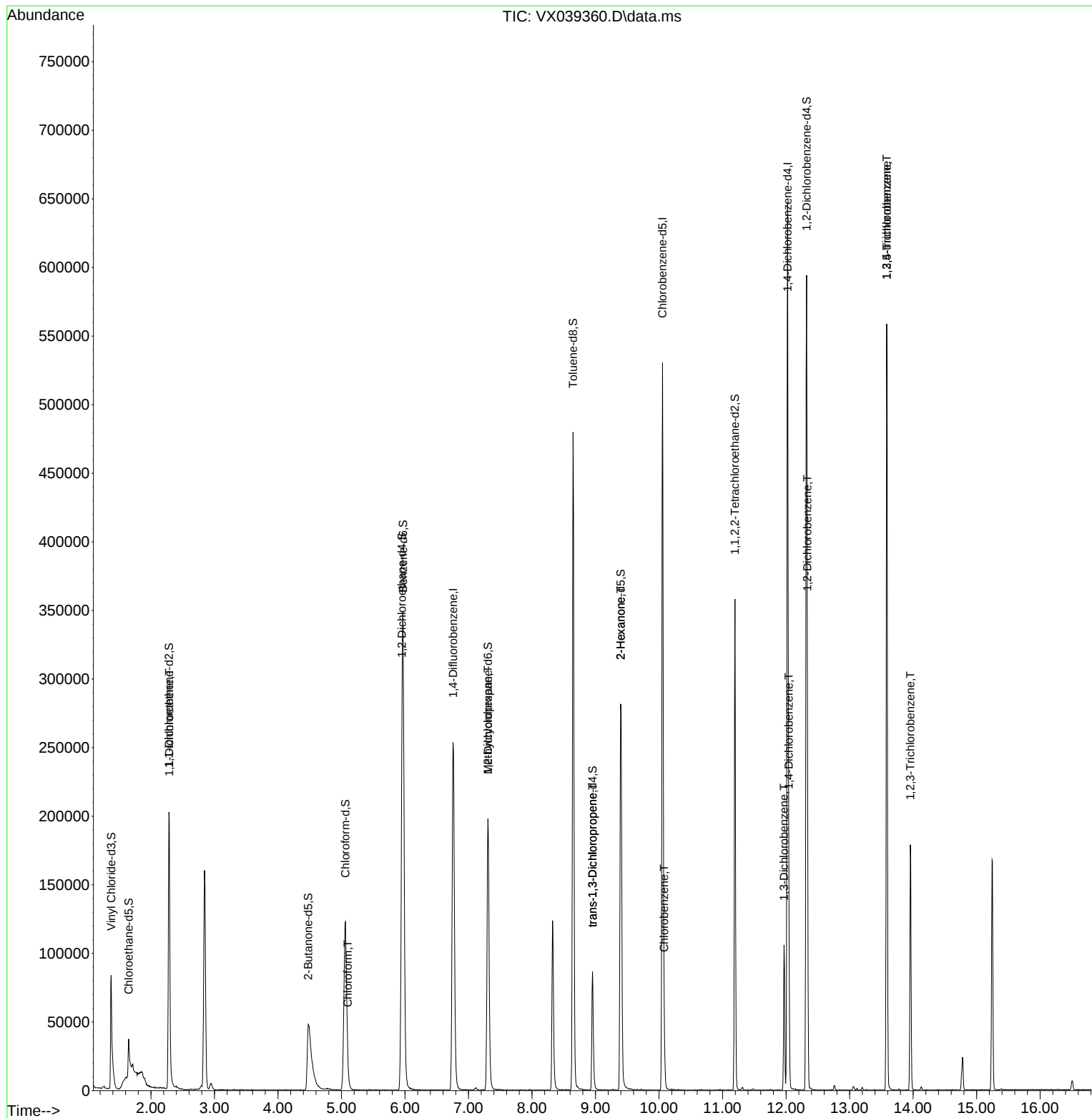
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	258840	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	231060	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	115126	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	85567	42.147	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.300%		
7) Chloroethane-d5	1.648	69	31073	20.707	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	41.420%#		
11) 1,1-Dichloroethene-d2	2.282	65	40432	45.369	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.740%		
21) 2-Butanone-d5	4.477	46	146566	79.754	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.750%		
24) Chloroform-d	5.062	84	151377	42.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.240%		
26) 1,2-Dichloroethane-d4	5.952	65	110229	47.359	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
32) Benzene-d6	5.970	84	330473	46.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.680%		
36) 1,2-Dichloropropane-d6	7.306	67	103307	45.016	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.040%		
41) Toluene-d8	8.647	98	283169	43.819	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.640%		
43) trans-1,3-Dichloroprop...	8.952	79	43342	37.113	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.220%		
47) 2-Hexanone-d5	9.397	63	108749	79.340	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.340%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	131750	40.470	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.940%		
66) 1,2-Dichlorobenzene-d4	12.323	152	96254	44.233	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.460%		
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.288	96	961	0.576	ug/L #	1
25) Chloroform	5.099	83	5129	1.480	ug/L	96
35) Methylcyclohexane	7.306	83	23373	7.232	ug/L #	19
44) trans-1,3-Dichloropropene	8.952	75	2327	0.772	ug/L	90
48) 2-Hexanone	9.397	43	14369	5.030	ug/L #	66
51) Chlorobenzene	10.079	112	15556	3.234	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	30891	8.579	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	42177	11.560	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	64012	18.585	ug/L	97
69) 1,3,5-Trichlorobenzene	13.585	180	113411	47.627	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	113411	50.521	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	37127	17.081	ug/L	98

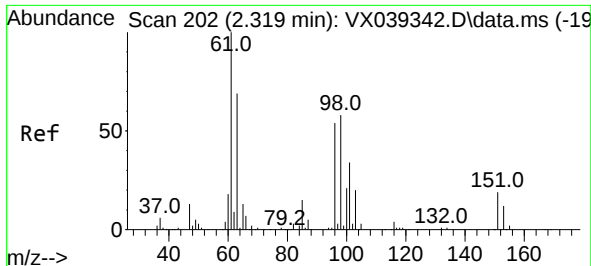
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.576 ug/L

RT: 2.288 min Scan# 197

Delta R.T. -0.030 min

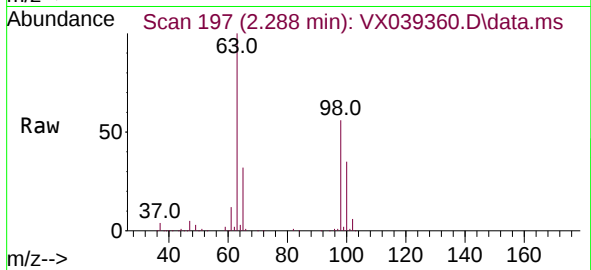
Lab File: VX039360.D

Acq: 19 Dec 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :



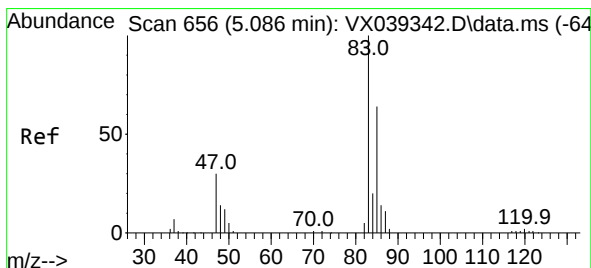
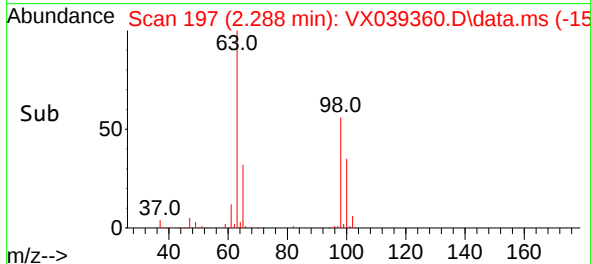
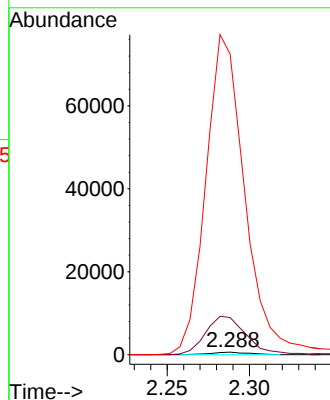
Tgt Ion: 96 Resp: 961

Ion Ratio Lower Upper

96 100

61 1492.2 128.0 237.6#

63 12065.2 101.5 188.5#



#25

Chloroform

Concen: 1.480 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX039360.D

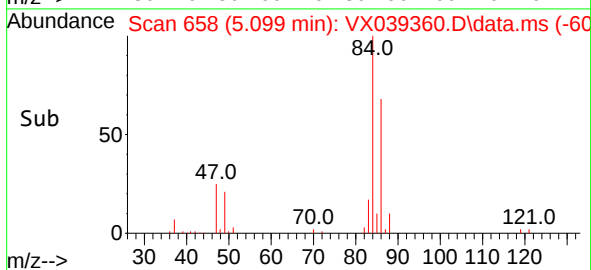
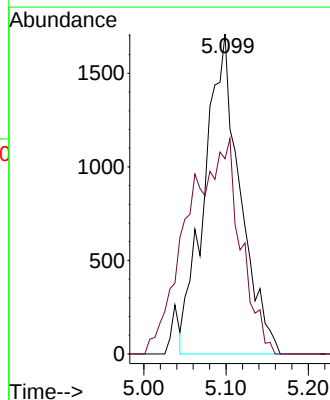
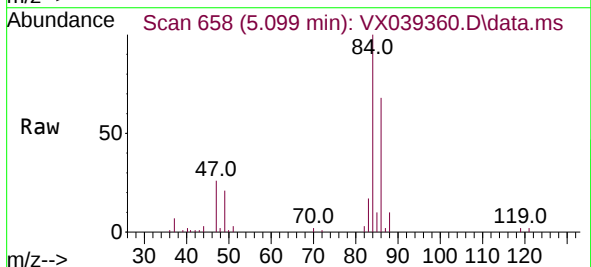
Acq: 19 Dec 2023 16:41

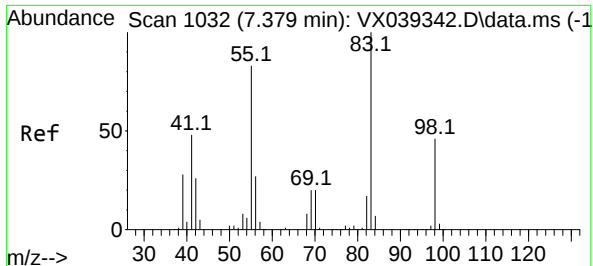
Tgt Ion: 83 Resp: 5129

Ion Ratio Lower Upper

83 100

85 61.0 45.1 83.7

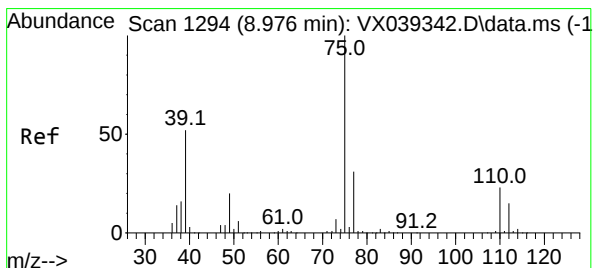
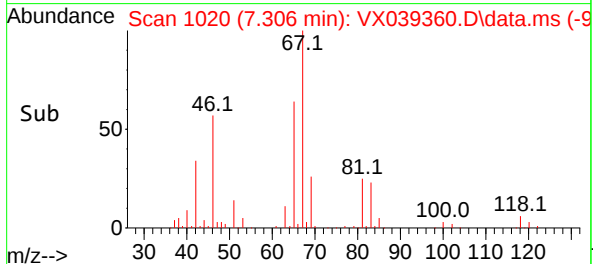
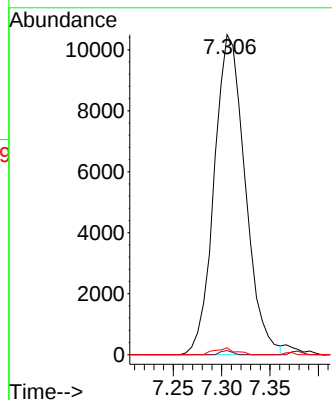
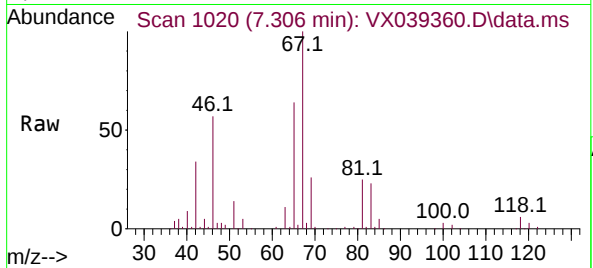




#35
Methylcyclohexane
Concen: 7.232 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.073 min
Lab File: VX039360.D
Acq: 19 Dec 2023 16:41

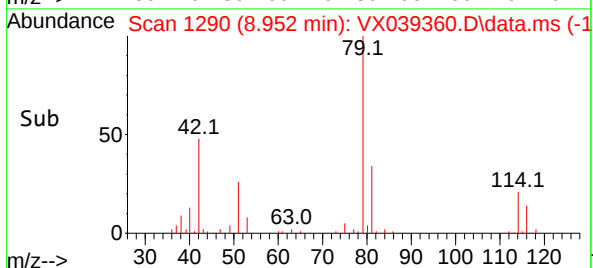
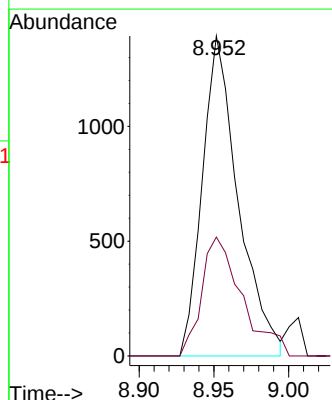
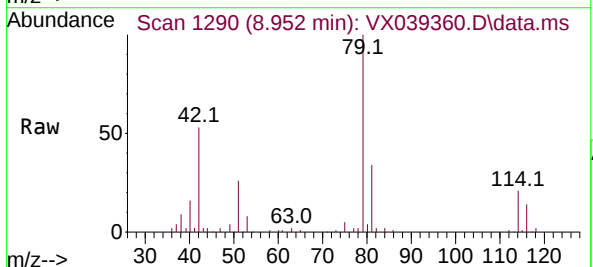
Instrument :
MSVOA_X
ClientSampleId :

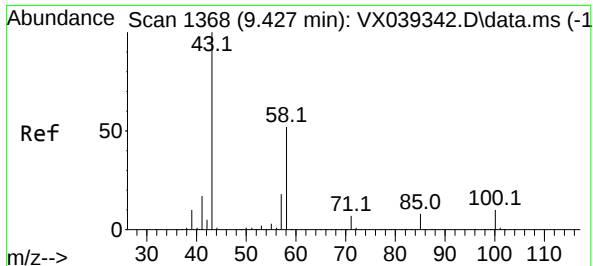
Tgt Ion: 83 Resp: 23373
Ion Ratio Lower Upper
83 100
55 0.5 62.5 93.7#
98 1.1 36.1 54.1#



#44
trans-1,3-Dichloropropene
Concen: 0.772 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX039360.D
Acq: 19 Dec 2023 16:41

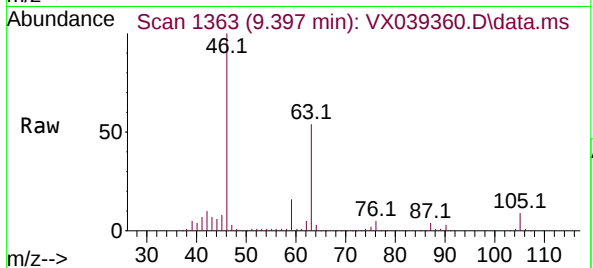
Tgt Ion: 75 Resp: 2327
Ion Ratio Lower Upper
75 100
77 37.2 22.0 40.8



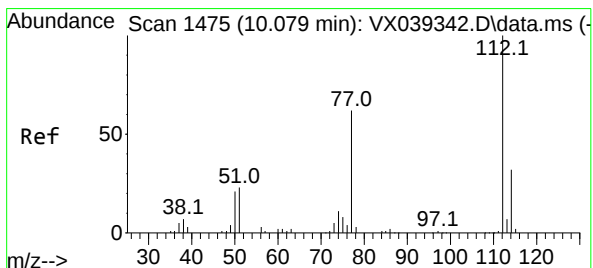
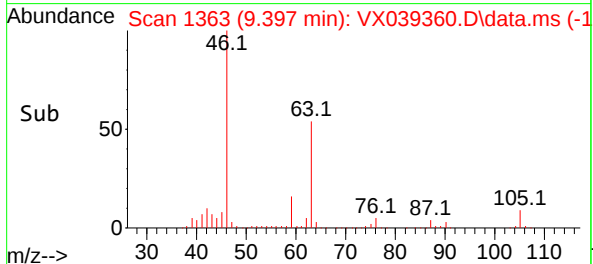
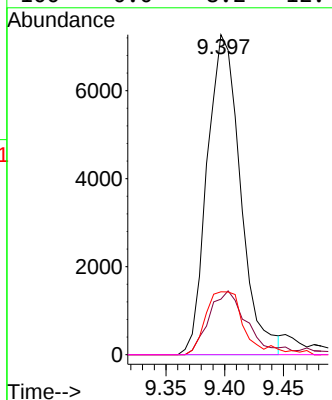


#48
2-Hexanone
Concen: 5.030 ug/L
RT: 9.397 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX039360.D
Acq: 19 Dec 2023 16:41

Instrument :
MSVOA_X
ClientSampleId :

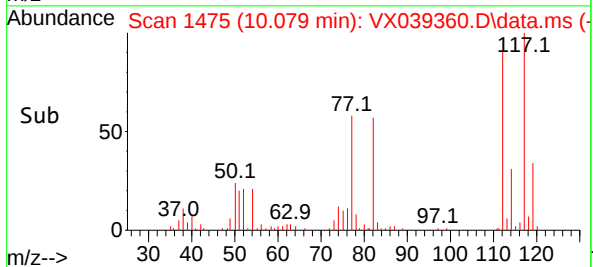
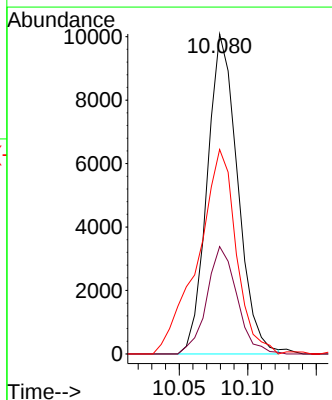
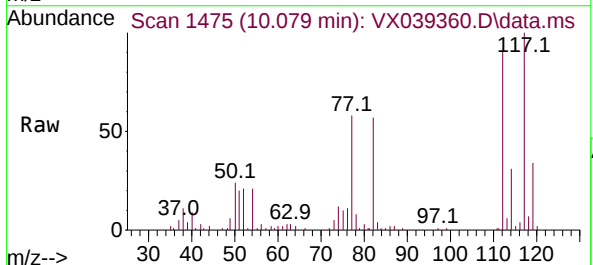


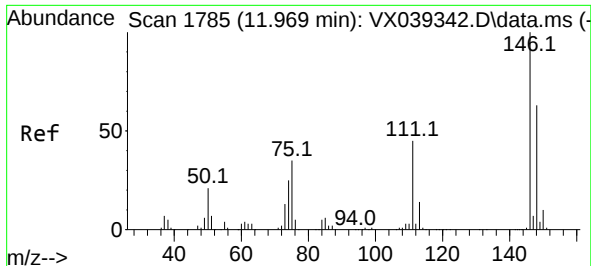
Tgt Ion: 43	Resp: 14369
Ion Ratio	Lower Upper
43 100	
58 22.3	43.0 64.6#
57 21.5	14.6 21.8
100 0.0	8.2 12.4#



#51
Chlorobenzene
Concen: 3.234 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039360.D
Acq: 19 Dec 2023 16:41

Tgt Ion:112	Resp:	15556	
Ion	Ratio	Lower	Upper
112	100		
114	33.6	21.8	40.4
77	63.9	49.0	73.6

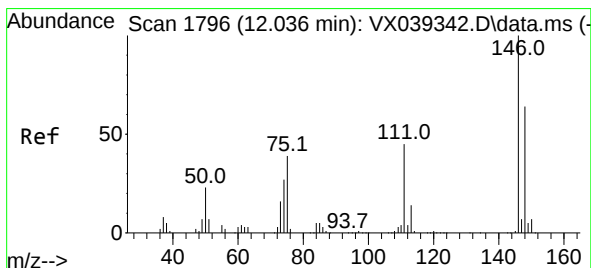
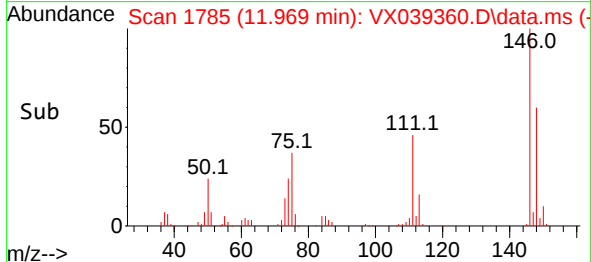
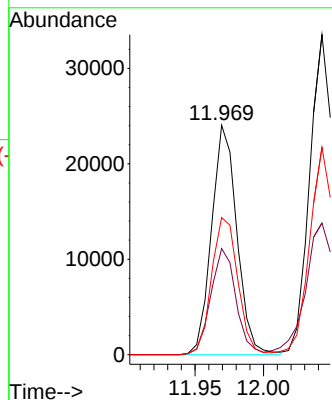
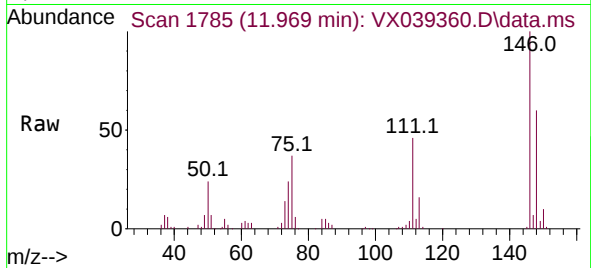




#64
1,3-Dichlorobenzene
Concen: 8.579 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039360.D
Acq: 19 Dec 2023 16:41

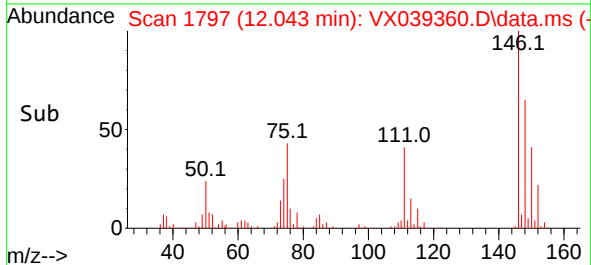
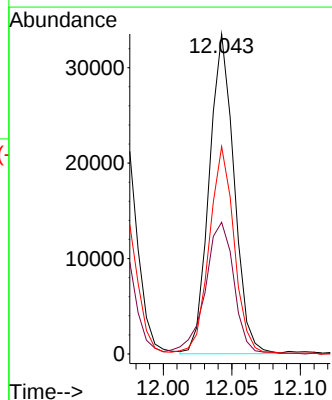
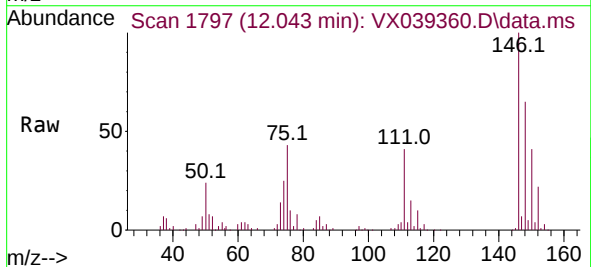
Instrument :
MSVOA_X
ClientSampleId :

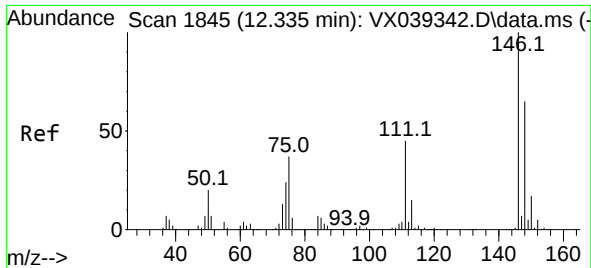
Tgt Ion:146 Resp: 30891
Ion Ratio Lower Upper
146 100
111 46.2 30.0 55.6
148 59.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 11.560 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX039360.D
Acq: 19 Dec 2023 16:41

Tgt Ion:146 Resp: 42177
Ion Ratio Lower Upper
146 100
111 41.1 29.7 55.1
148 64.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 18.585 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039360.D

Acq: 19 Dec 2023 16:41

Instrument :

MSVOA_X

ClientSampleId :

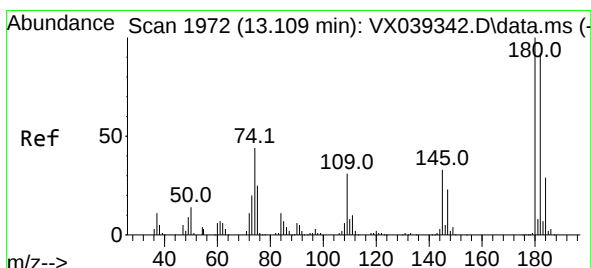
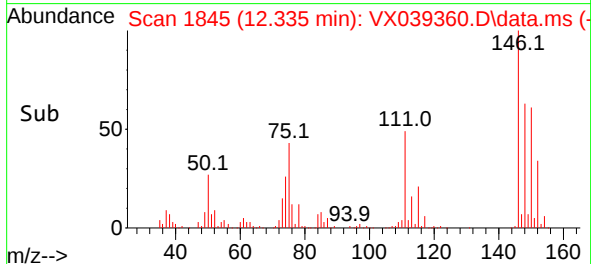
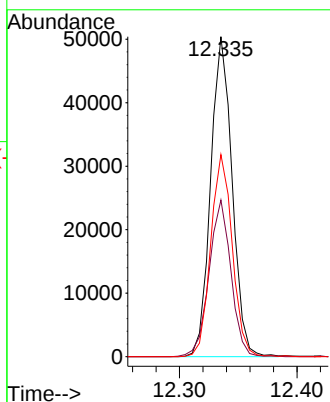
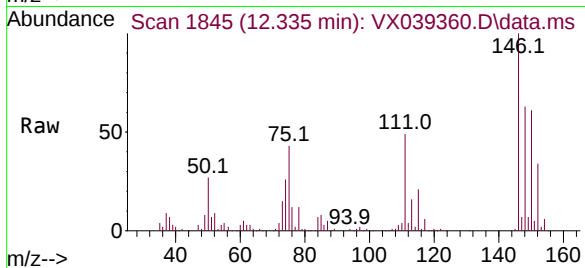
Tgt Ion:146 Resp: 64012

Ion Ratio Lower Upper

146 100

111 49.0 36.4 54.6

148 63.2 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 47.627 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

Lab File: VX039360.D

Acq: 19 Dec 2023 16:41

Tgt Ion:180 Resp: 113411

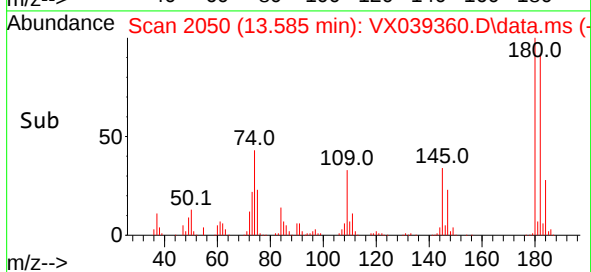
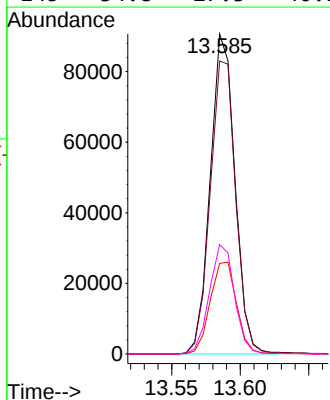
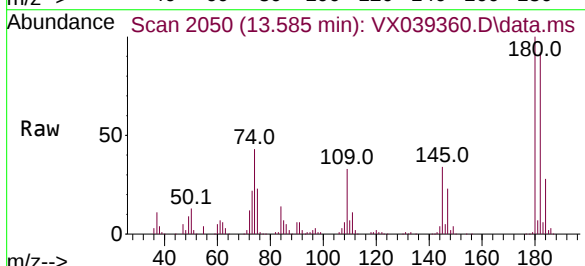
Ion Ratio Lower Upper

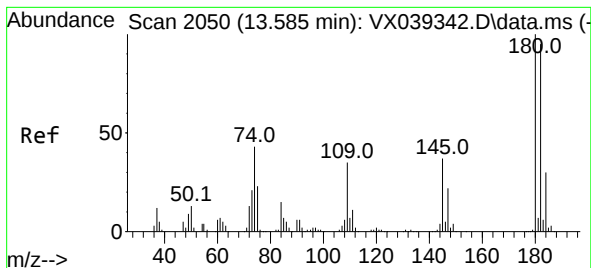
180 100

182 95.2 76.1 114.1

184 30.7 24.1 36.1

145 34.8 27.3 40.9





#70

1,2,4-trichlorobenzene

Concen: 50.521 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039360.D

Acq: 19 Dec 2023 16:41

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ClientSampleId :

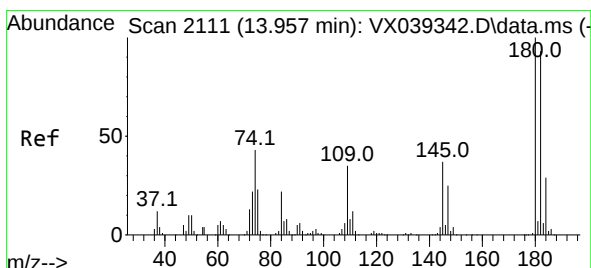
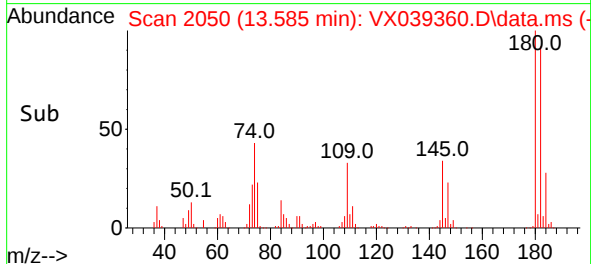
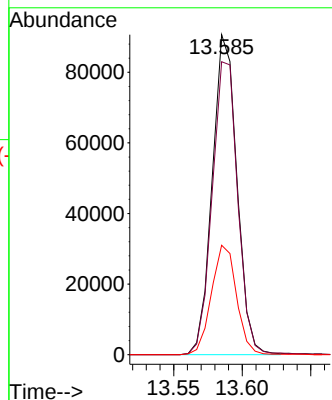
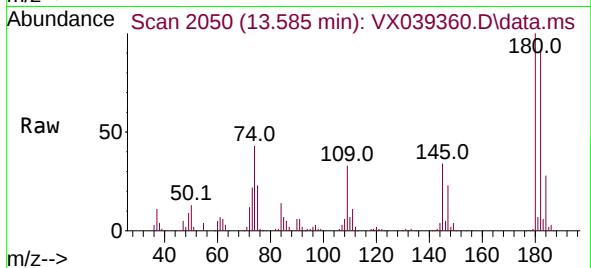
Tgt Ion:180 Resp: 113411

Ion Ratio Lower Upper

180 100

182 95.2 76.8 115.2

145 34.8 27.8 41.6



#72

1,2,3-Trichlorobenzene

Concen: 17.081 ug/L

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039360.D

Acq: 19 Dec 2023 16:41

Tgt Ion:180 Resp: 37127

Ion Ratio Lower Upper

180 100

182 96.4 75.9 113.9

145 37.3 28.6 42.8

