

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040607.D
 Acq On : 06 Mar 2024 16:35
 Operator : JC/MD
 Sample : VX0307MBL01
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 07 01:39:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

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

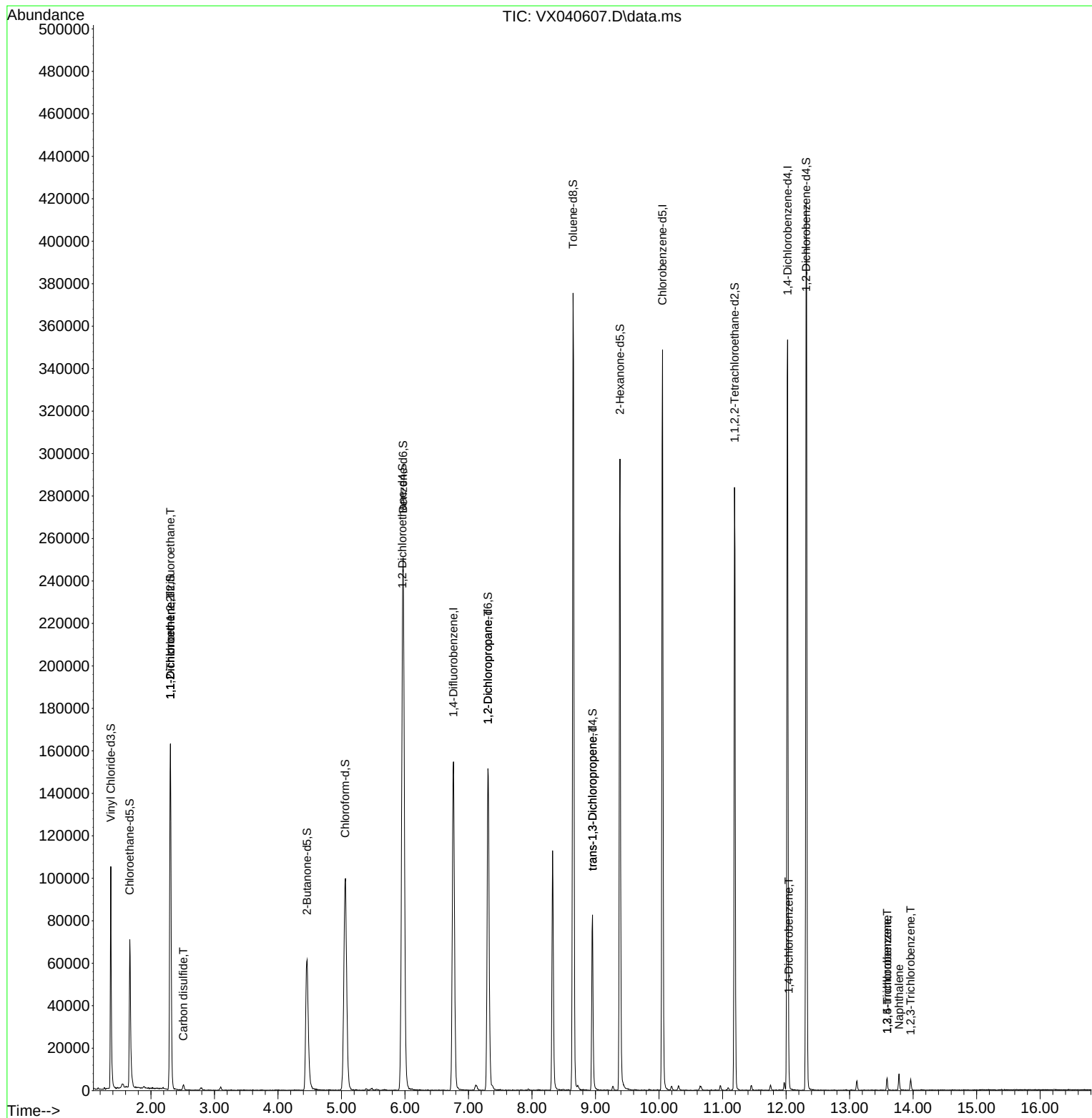
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	146974	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	139925	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68378	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66620	51.709	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.420%			
7) Chloroethane-d5	1.666	69	54490	52.977	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.960%			
11) 1,1-Dichloroethene-d2	2.306	65	30131	50.805	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.600%			
21) 2-Butanone-d5	4.458	46	108732	109.981	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.980%			
24) Chloroform-d	5.056	84	124381	51.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.980%			
26) 1,2-Dichloroethane-d4	5.958	65	92289	51.665	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.340%			
32) Benzene-d6	5.970	84	230644	53.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.460%			
36) 1,2-Dichloropropane-d6	7.306	67	70829	53.236	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.480%			
41) Toluene-d8	8.647	98	212655	51.403	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.800%			
43) trans-1,3-Dichloroprop...	8.952	79	37230	52.576	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.160%			
47) 2-Hexanone-d5	9.384	63	79237	107.935	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.940%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	104483	52.451	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.900%			
66) 1,2-Dichlorobenzene-d4	12.317	152	78112	54.542	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.080%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	853	0.838	ug/L #	68
12) 1,1-Dichloroethene	2.306	96	989	1.104	ug/L #	1
14) Carbon disulfide	2.508	76	3060	1.180	ug/L	99
37) 1,2-Dichloropropane	7.306	63	9215	9.260	ug/L #	88
44) trans-1,3-Dichloropropene	8.952	75	2640	1.618	ug/L	90
65) 1,4-Dichlorobenzene	12.043	146	1655	0.810	ug/L	93
69) 1,3,5-Trichlorobenzene	13.591	180	1543	1.144	ug/L	94
70) 1,2,4-trichlorobenzene	13.591	180	1543	1.233	ug/L	94
71) Naphthalene	13.780	128	4614	1.160	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	1285	1.043	ug/L	92

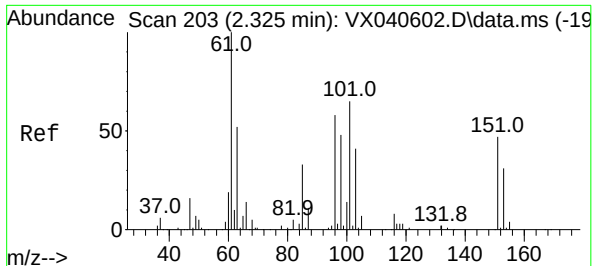
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 07 01:39:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 01:31:15 2024
Response via : Initial Calibration

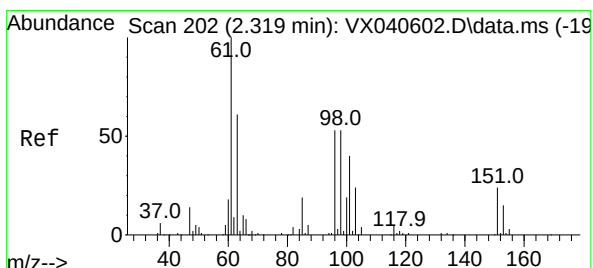
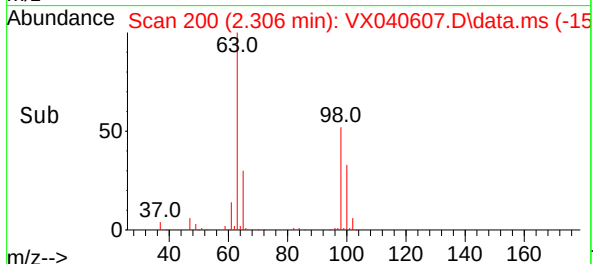
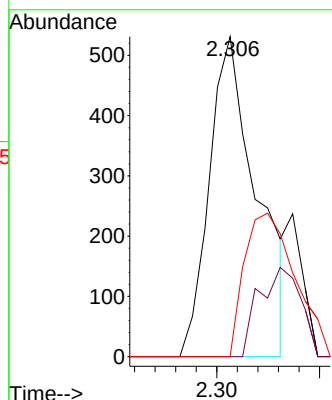
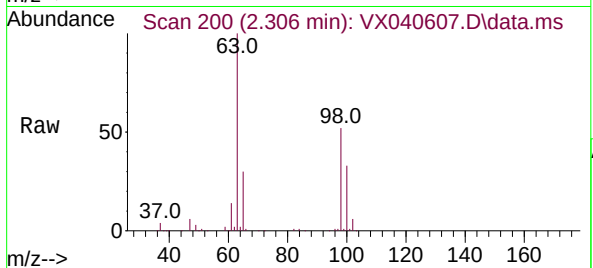




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.838 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.018 min
Lab File: VX040607.D
Acq: 06 Mar 2024 16:35

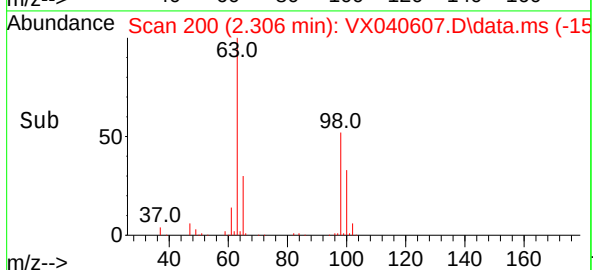
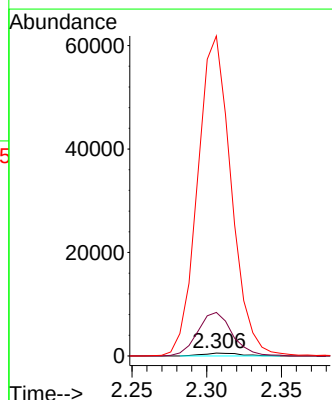
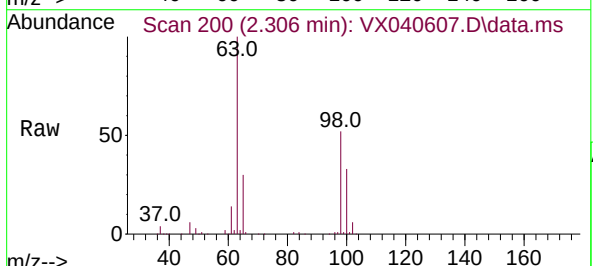
Instrument :
MSVOA_X
ClientSampleId :

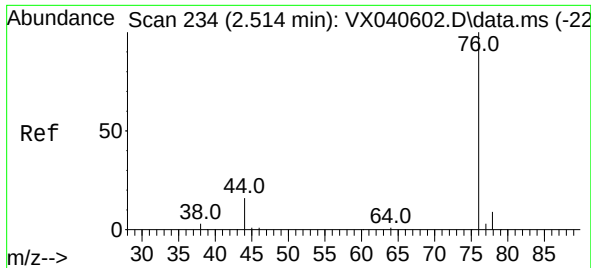
Tgt Ion:101 Resp: 853
Ion Ratio Lower Upper
101 100
85 24.3 38.3 57.5#
151 47.6 57.7 86.5#



#12
1,1-Dichloroethene
Concen: 1.104 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX040607.D
Acq: 06 Mar 2024 16:35

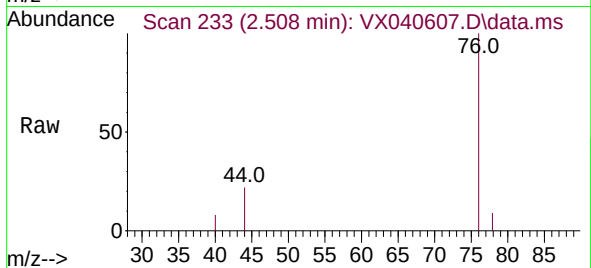
Tgt Ion: 96 Resp: 989
Ion Ratio Lower Upper
96 100
61 1507.9 134.8 250.4#
63 11065.5 92.5 171.9#



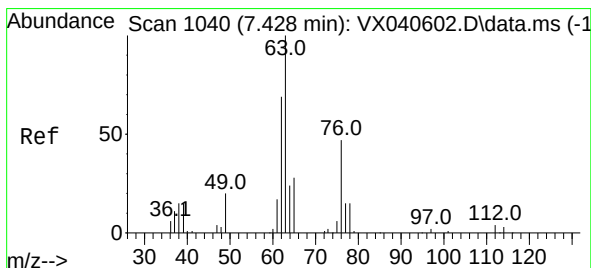
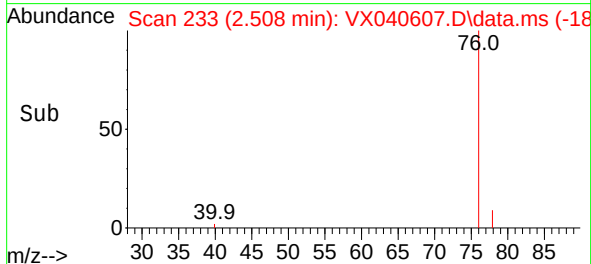
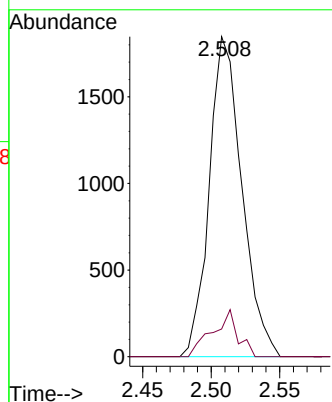


#14
Carbon disulfide
Concen: 1.180 ug/L
RT: 2.508 min Scan# 24
Delta R.T. -0.006 min
Lab File: VX040607.D
Acq: 06 Mar 2024 16:35

Instrument :
MSVOA_X
ClientSampleId :

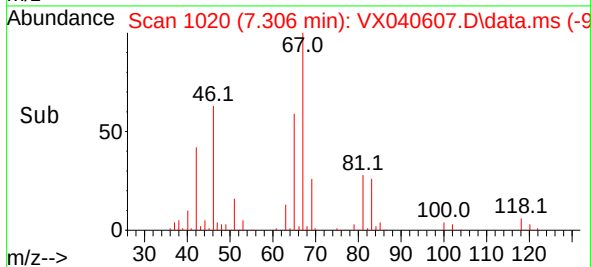
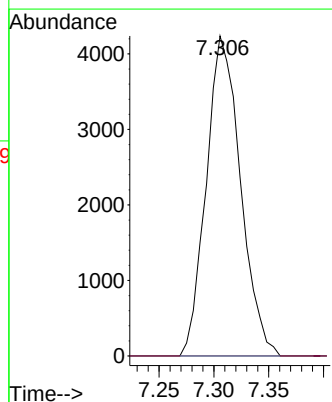
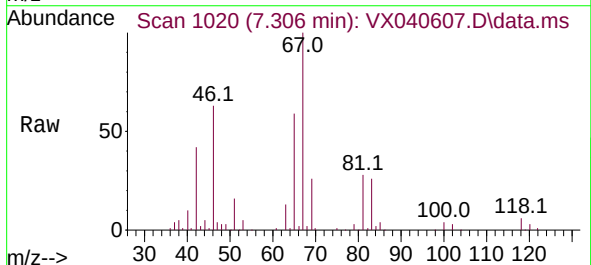


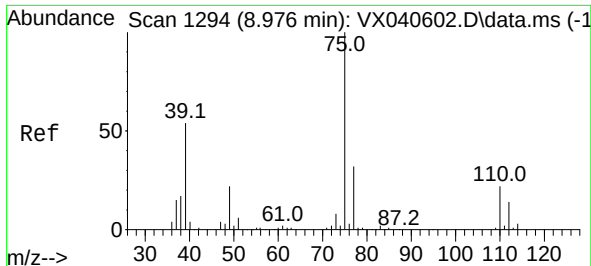
Tgt Ion: 76 Resp: 3060
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#37
1,2-Dichloropropane
Concen: 9.260 ug/L
RT: 7.306 min Scan# 1020
Delta R.T. -0.122 min
Lab File: VX040607.D
Acq: 06 Mar 2024 16:35

Tgt Ion: 63 Resp: 9215
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#44

trans-1,3-Dichloropropene

Concen: 1.618 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.025 min

Lab File: VX040607.D

Acq: 06 Mar 2024 16:35

Instrument :

MSVOA_X

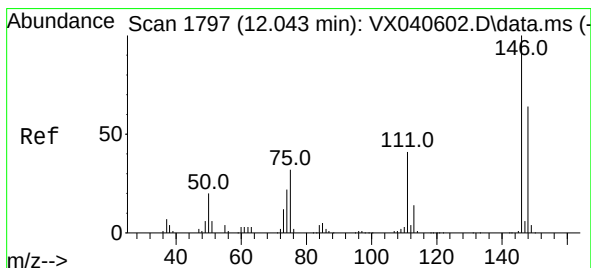
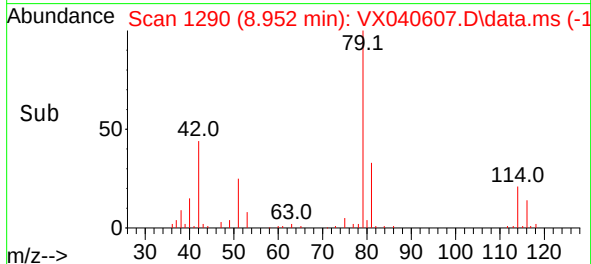
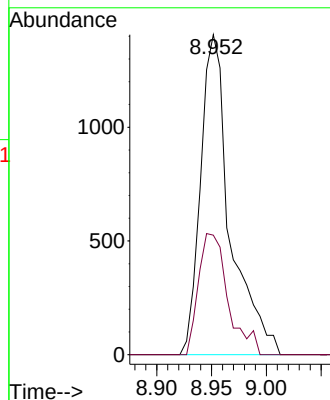
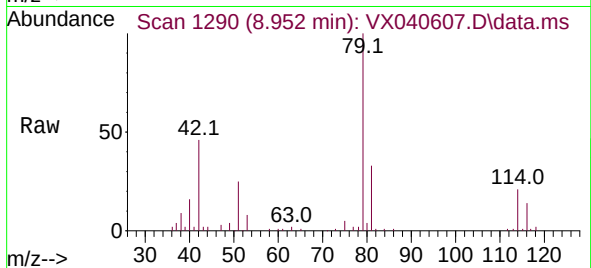
ClientSampleId :

Tgt Ion: 75 Resp: 2640

Ion Ratio Lower Upper

75 100

77 37.4 22.1 41.1



#65

1,4-Dichlorobenzene

Concen: 0.810 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX040607.D

Acq: 06 Mar 2024 16:35

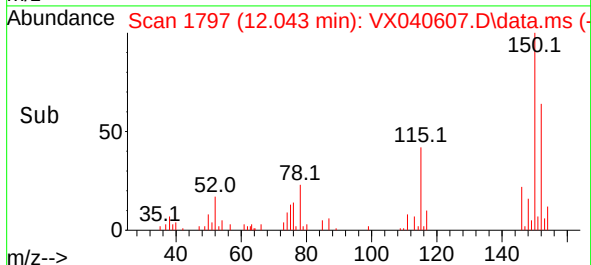
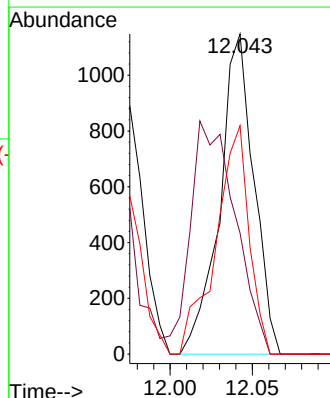
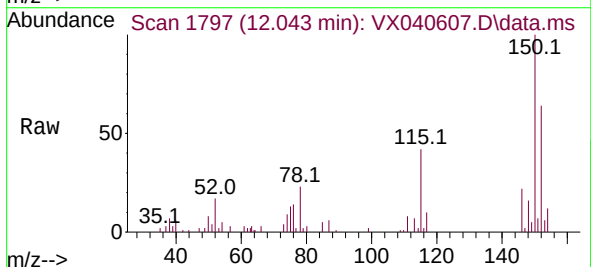
Tgt Ion:146 Resp: 1655

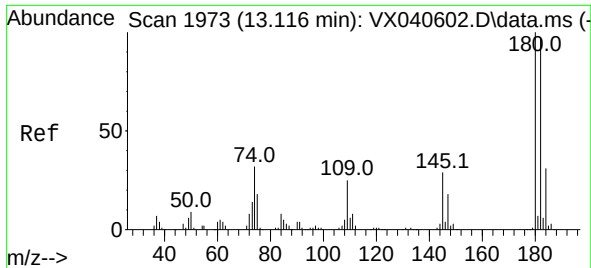
Ion Ratio Lower Upper

146 100

111 37.8 28.8 53.4

148 71.3 45.1 83.7





#69

1,3,5-Trichlorobenzene

Concen: 1.144 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.475 min

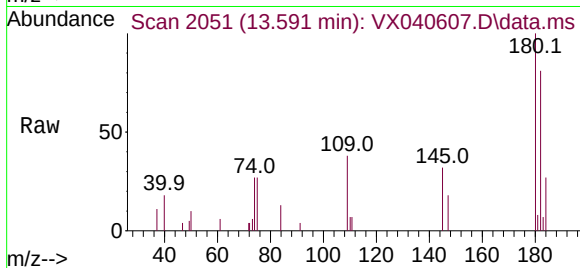
Lab File: VX040607.D

Acq: 06 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1543

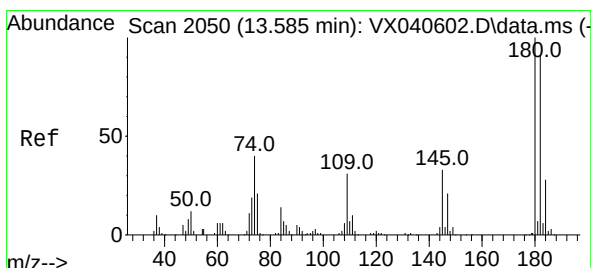
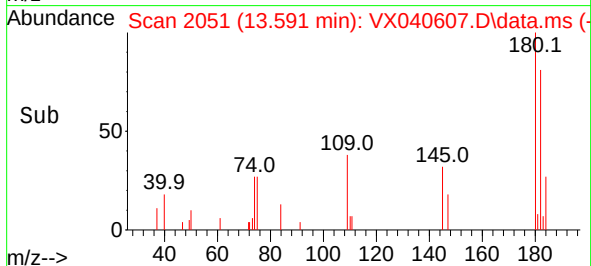
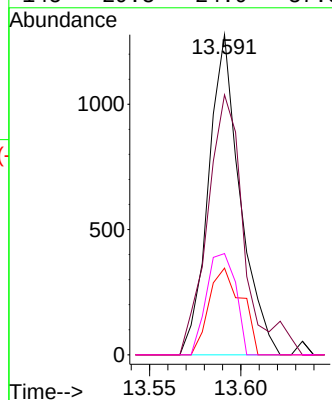
Ion Ratio Lower Upper

180 100

182 88.7 76.6 115.0

184 27.9 24.3 36.5

145 29.3 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 1.233 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040607.D

Acq: 06 Mar 2024 16:35

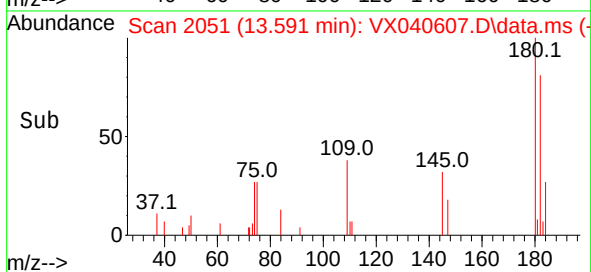
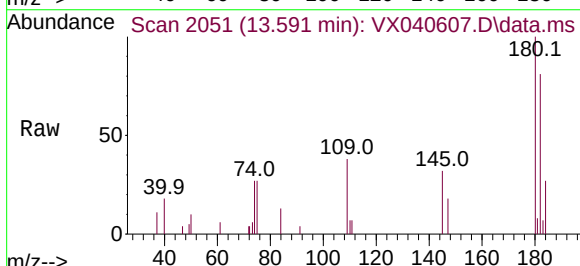
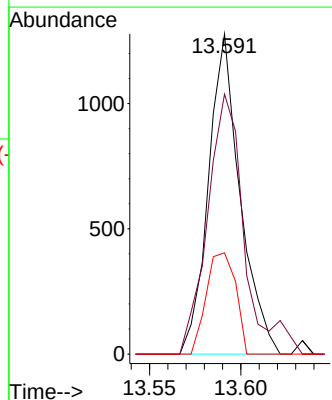
Tgt Ion:180 Resp: 1543

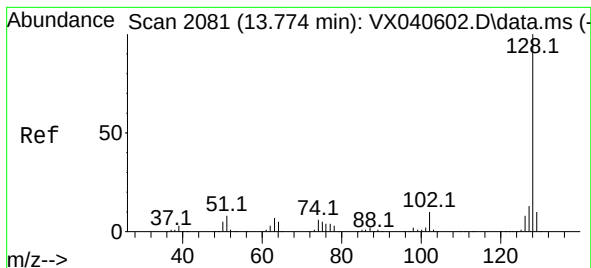
Ion Ratio Lower Upper

180 100

182 88.7 75.1 112.7

145 29.3 26.2 39.4





#71

Naphthalene

Concen: 1.160 ug/L

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX040607.D

Acq: 06 Mar 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

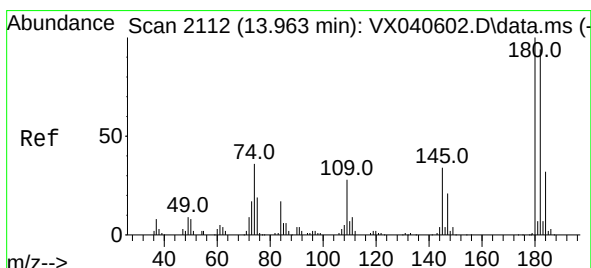
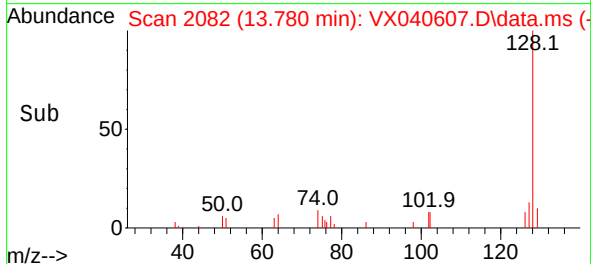
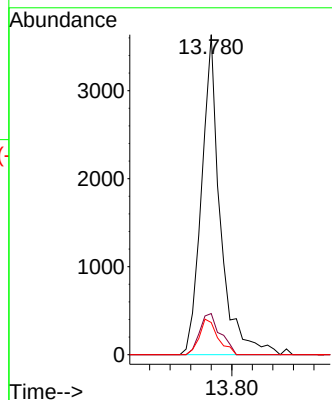
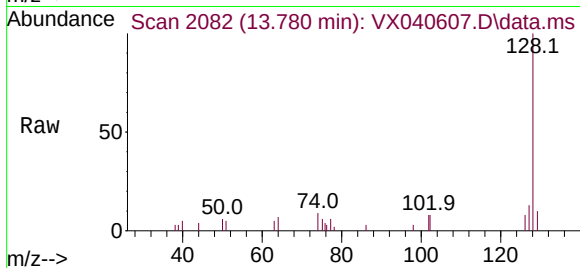
Tgt Ion:128 Resp: 4614

Ion Ratio Lower Upper

128 100

127 14.2 10.4 15.6

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 1.043 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX040607.D

Acq: 06 Mar 2024 16:35

Tgt Ion:180 Resp: 1285

Ion Ratio Lower Upper

180 100

182 106.4 76.9 115.3

145 34.6 27.8 41.8

