

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041063.D
 Acq On : 13 Apr 2024 03:50
 Operator : JC/MD
 Sample : P2098-15 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 04:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 04:06:48 2024
 Response via : Initial Calibration

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

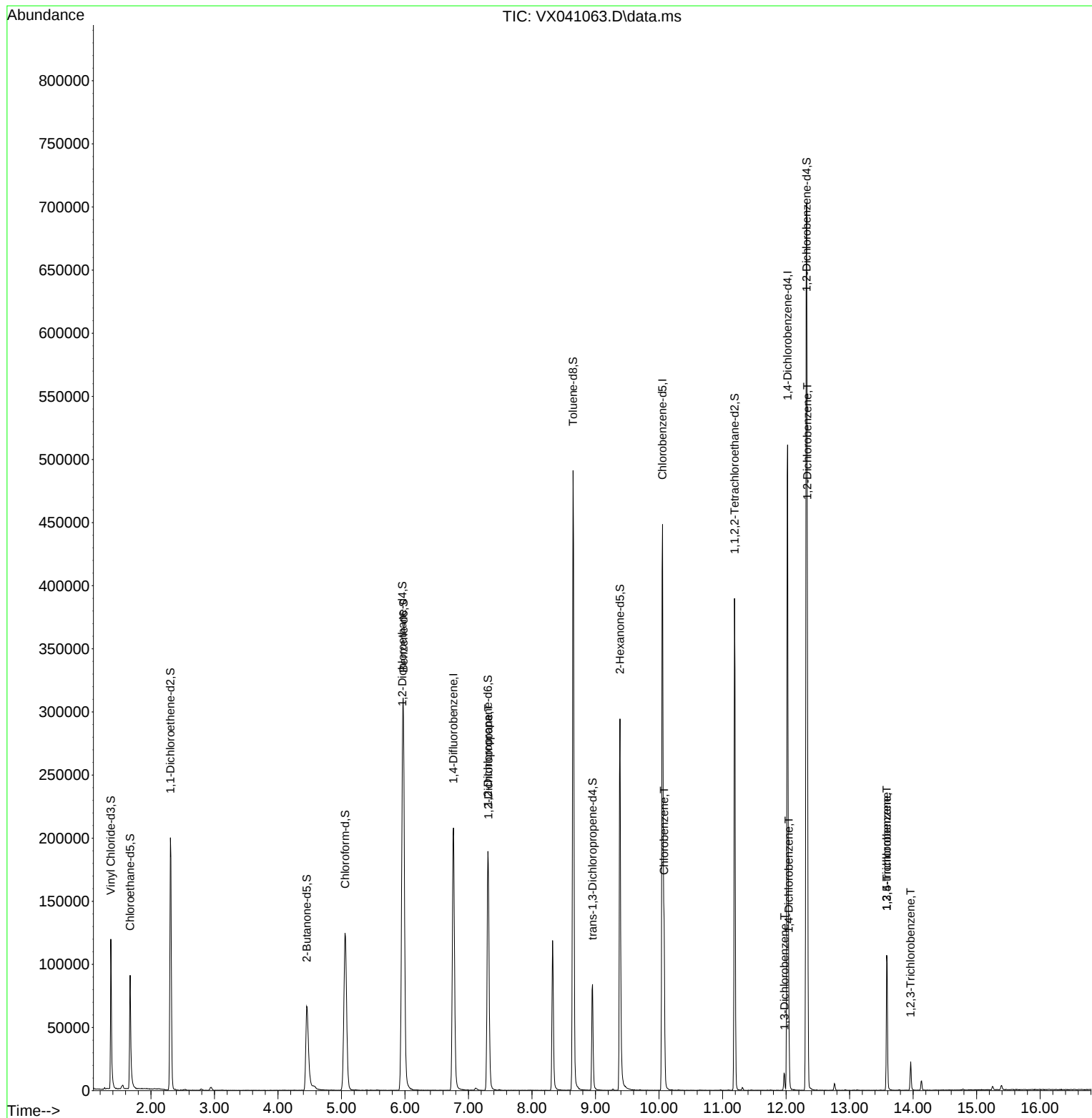
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	224842	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	217742	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	84409	52.781	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 105.560%		
7) Chloroethane-d5	1.672	69	72341	55.464	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 110.920%		
11) 1,1-Dichloroethene-d2	2.306	65	35523	52.027	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 104.060%		
21) 2-Butanone-d5	4.452	46	116039	133.204	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 133.200%#		
24) Chloroform-d	5.056	84	159369	53.409	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 106.820%		
26) 1,2-Dichloroethane-d4	5.958	65	106138	54.682	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 109.360%		
32) Benzene-d6	5.976	84	317850	53.770	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 107.540%		
36) 1,2-Dichloropropane-d6	7.305	67	93548	54.261	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 108.520%		
41) Toluene-d8	8.646	98	294420	50.981	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 101.960%		
43) trans-1,3-Dichloroprop...	8.951	79	41609	47.959	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 95.920%		
47) 2-Hexanone-d5	9.384	63	80212	110.351	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 110.350%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142145	55.659	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 111.320%		
66) 1,2-Dichlorobenzene-d4	12.323	152	135224	57.577	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 115.160%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	7.311	63	10786	7.376	ug/L #	84
51) Chlorobenzene	10.079	112	56756	12.945	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	5252	1.462	ug/L	92
65) 1,4-Dichlorobenzene	12.042	146	22860	6.200	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	116340	33.393	ug/L	97
69) 1,3,5-Trichlorobenzene	13.585	180	29814	10.840	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	29814	11.438	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	6185	2.420	ug/L	99

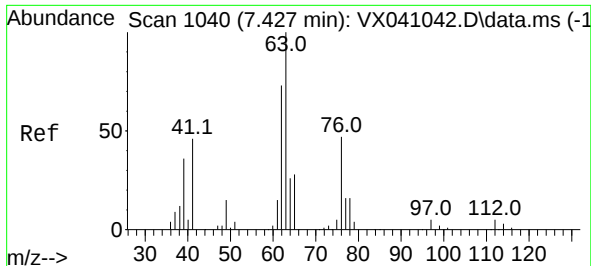
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 13 04:26:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:06:48 2024
Response via : Initial Calibration

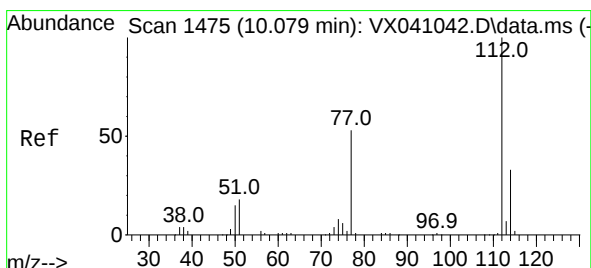
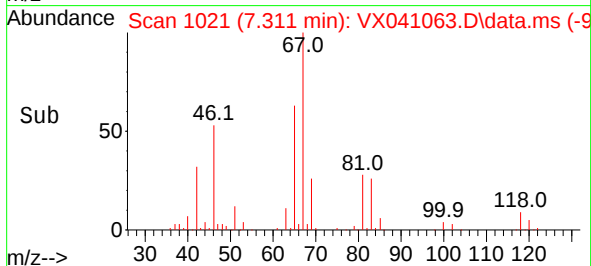
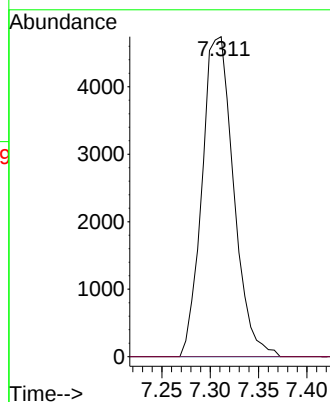
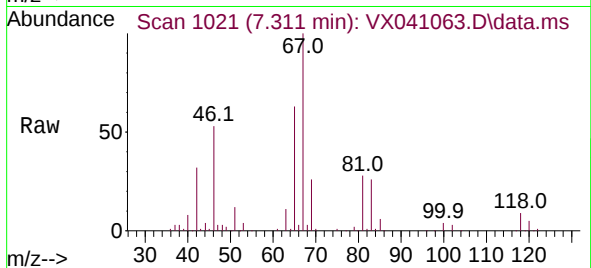




#37
1,2-Dichloropropane
Concen: 7.376 ug/L
RT: 7.311 min Scan# 1021
Delta R.T. -0.116 min
Lab File: VX041063.D
Acq: 13 Apr 2024 03:50

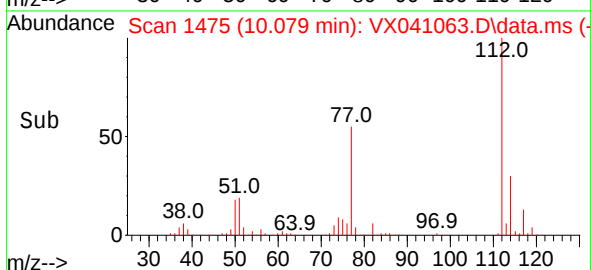
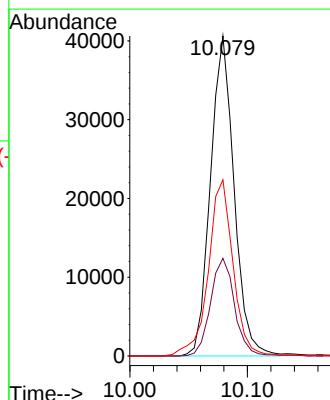
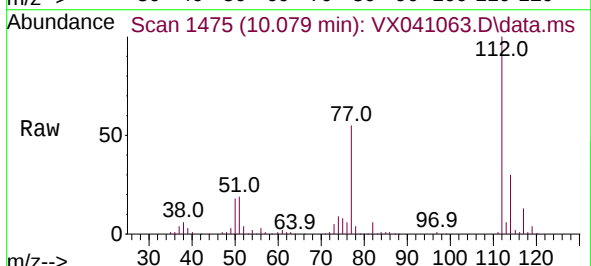
Instrument :
MSVOA_X
ClientSampleId :

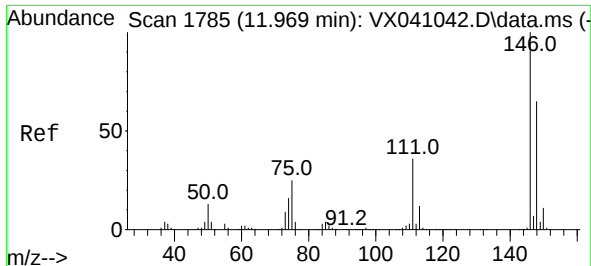
Tgt Ion: 63 Resp: 10786
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.2#



#51
Chlorobenzene
Concen: 12.945 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX041063.D
Acq: 13 Apr 2024 03:50

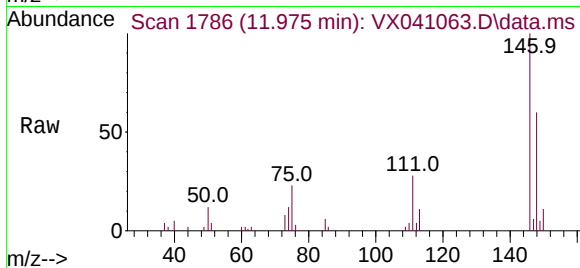
Tgt Ion: 112 Resp: 56756
Ion Ratio Lower Upper
112 100
114 30.5 23.0 42.8
77 55.1 43.4 65.0



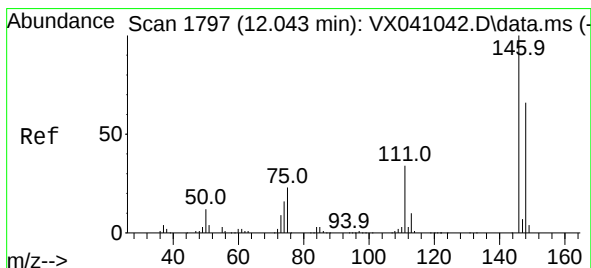
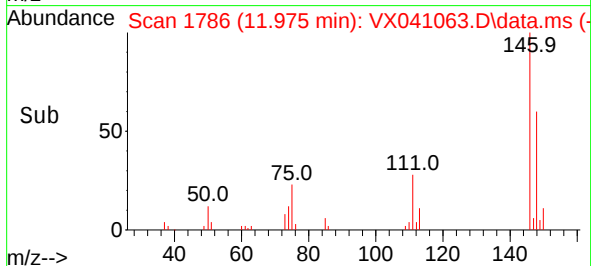
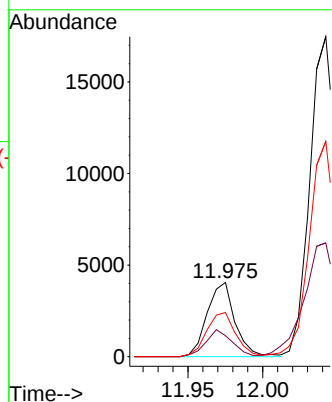


#64
1,3-Dichlorobenzene
Concen: 1.462 ug/L
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX041063.D
Acq: 13 Apr 2024 03:50

Instrument :
MSVOA_X
ClientSampleId :

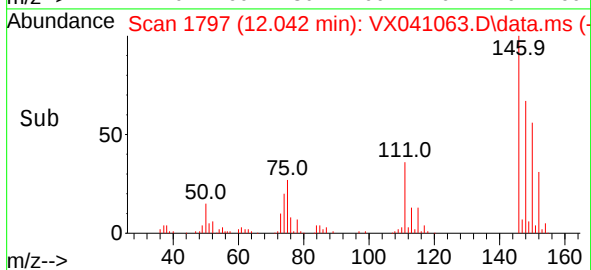
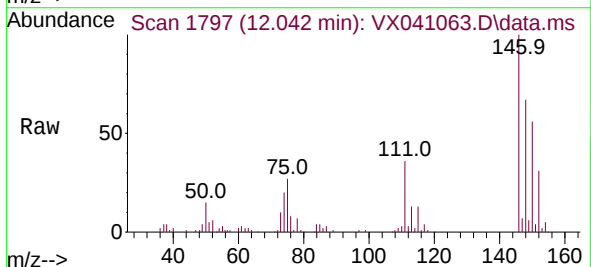
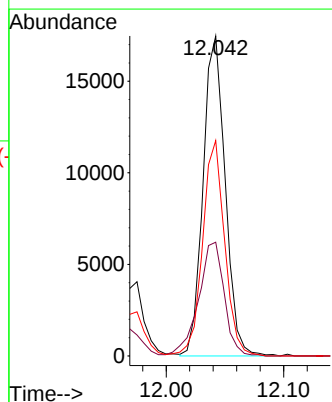


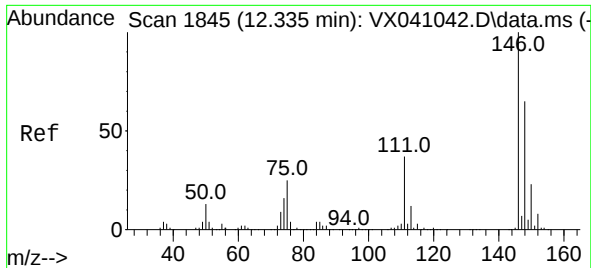
Tgt Ion:146 Resp: 5252
Ion Ratio Lower Upper
146 100
111 28.2 25.3 47.1
148 59.6 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 6.200 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX041063.D
Acq: 13 Apr 2024 03:50

Tgt Ion:146 Resp: 22860
Ion Ratio Lower Upper
146 100
111 35.5 23.4 43.6
148 67.3 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 33.393 ug/L

RT: 12.335 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX041063.D

Acq: 13 Apr 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

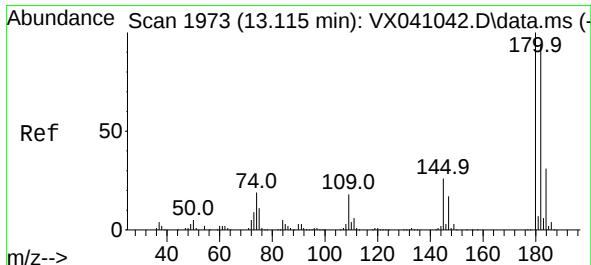
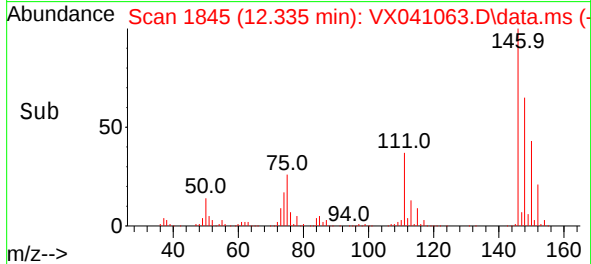
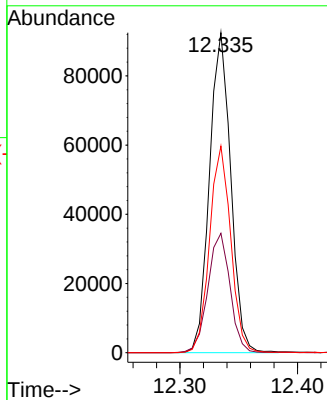
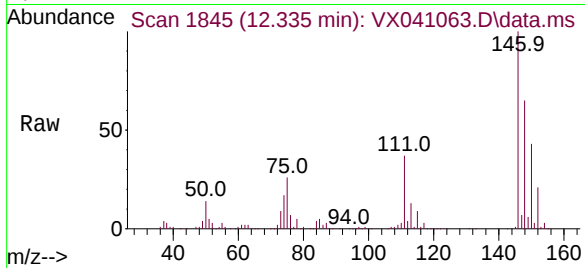
Tgt Ion:146 Resp: 116340

Ion Ratio Lower Upper

146 100

111 37.3 31.8 47.8

148 64.5 53.2 79.8



#69

1,3,5-Trichlorobenzene

Concen: 10.840 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.469 min

Lab File: VX041063.D

Acq: 13 Apr 2024 03:50

Tgt Ion:180 Resp: 29814

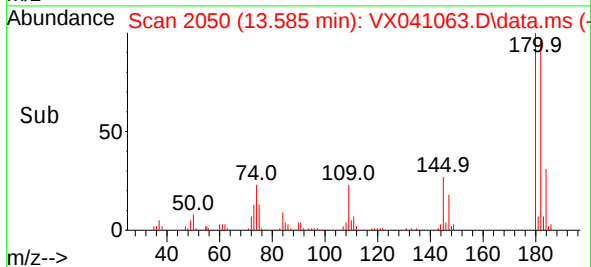
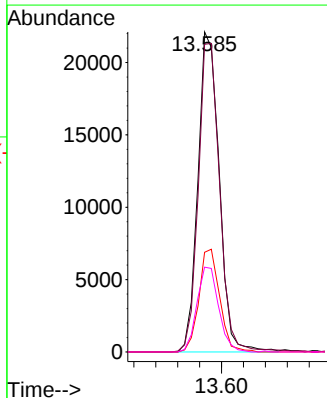
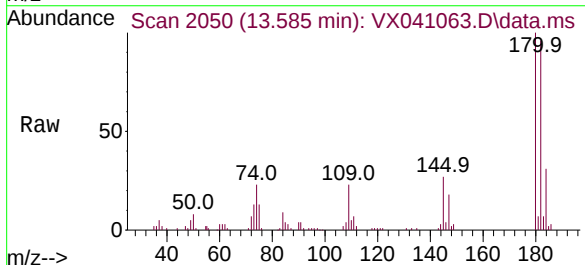
Ion Ratio Lower Upper

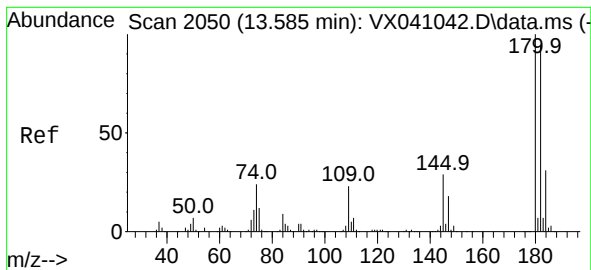
180 100

182 96.9 75.8 113.6

184 31.3 24.4 36.6

145 27.1 21.6 32.4





#70

1,2,4-trichlorobenzene

Concen: 11.438 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041063.D

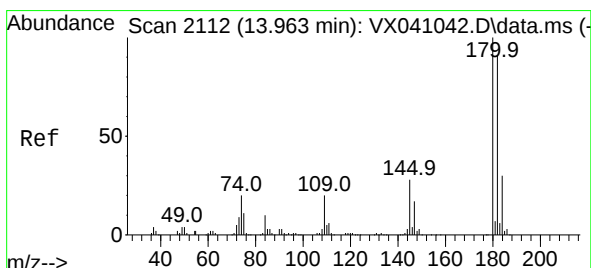
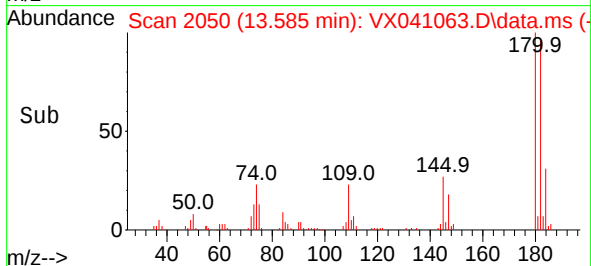
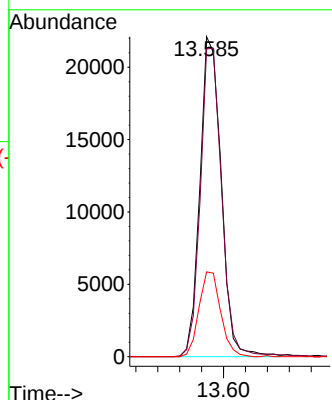
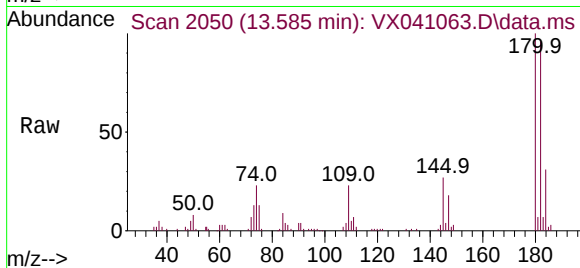
Acq: 13 Apr 2024 03:50

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	29814
Ion Ratio	Lower	Upper
180	100	
182	96.9	76.8 115.2
145	27.1	22.3 33.5



#72

1,2,3-Trichlorobenzene

Concen: 2.420 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041063.D

Acq: 13 Apr 2024 03:50

Tgt Ion:180	Resp:	6185
Ion Ratio	Lower	Upper
180	100	
182	97.9	77.0 115.6
145	29.5	23.4 35.2

