

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039365.D
 Acq On : 19 Dec 2023 18:35
 Operator : JC/MD
 Sample : 05808-18 100X
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:08:10 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)

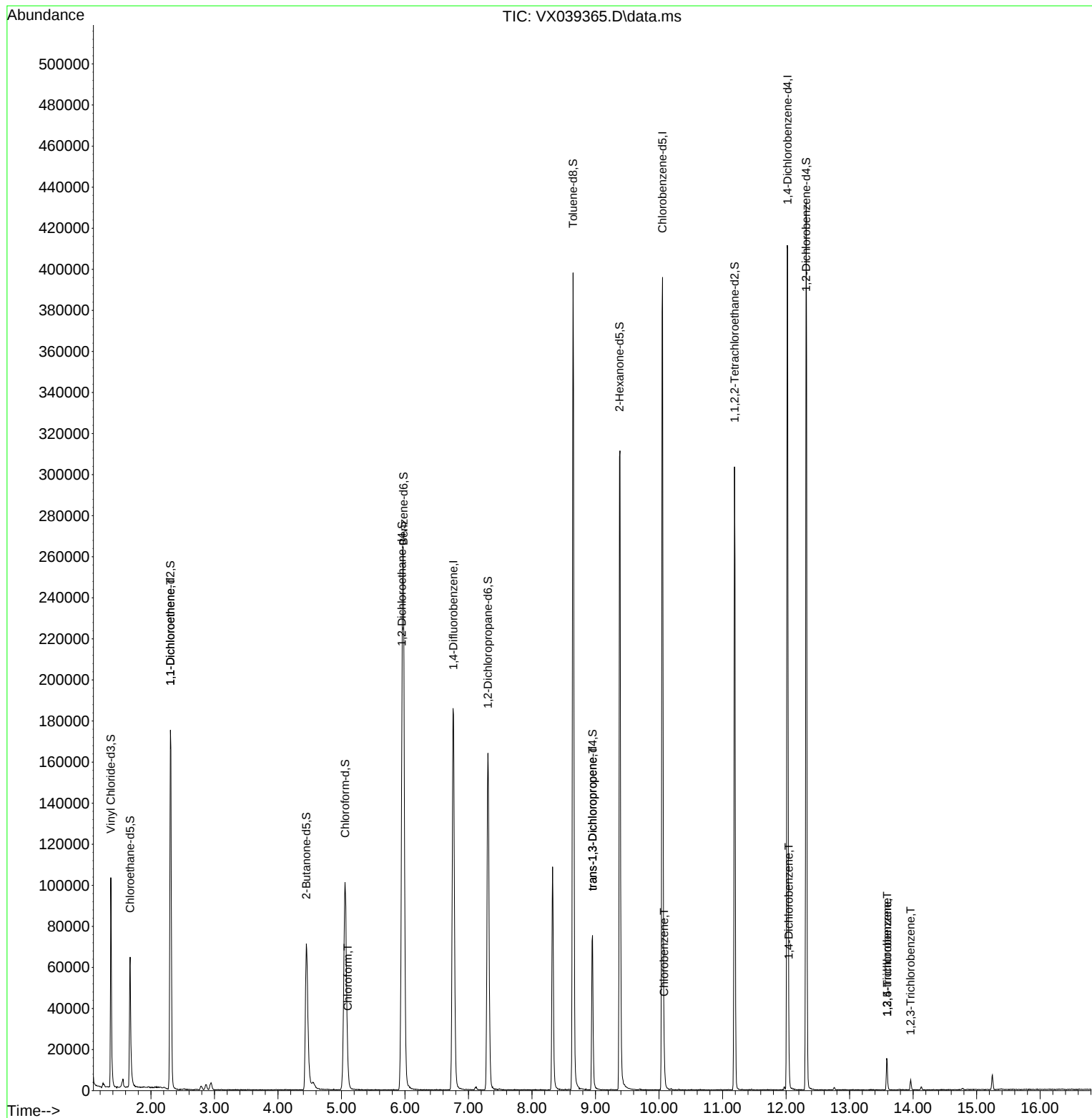
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	182678	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	170506	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80583	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	68182	47.586	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.180%		
7) Chloroethane-d5	1.672	69	49670	46.900	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.800%		
11) 1,1-Dichloroethene-d2	2.306	65	31746	50.474	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.940%		
21) 2-Butanone-d5	4.446	46	125605	96.843	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.840%		
24) Chloroform-d	5.056	84	122736	48.389	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.780%		
26) 1,2-Dichloroethane-d4	5.952	65	89135	54.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.520%		
32) Benzene-d6	5.976	84	260552	49.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.020%		
36) 1,2-Dichloropropane-d6	7.306	67	84301	49.780	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.560%		
41) Toluene-d8	8.647	98	227288	47.662	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.320%		
43) trans-1,3-Dichloroprop...	8.952	79	36004	41.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.560%		
47) 2-Hexanone-d5	9.378	63	88816	87.810	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.810%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	115391	48.033	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.060%		
66) 1,2-Dichlorobenzene-d4	12.317	152	76825	50.438	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.880%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	905	0.769	ug/L #	1
25) Chloroform	5.099	83	4818	1.970	ug/L	88
44) trans-1,3-Dichloropropene	8.952	75	1916	0.861	ug/L #	76
51) Chlorobenzene	10.079	112	4760	1.341	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	5168	2.024	ug/L	90
69) 1,3,5-Trichlorobenzene	13.591	180	3325	1.995	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	3325	2.116	ug/L	93
72) 1,2,3-Trichlorobenzene	13.963	180	1277	0.839	ug/L	96

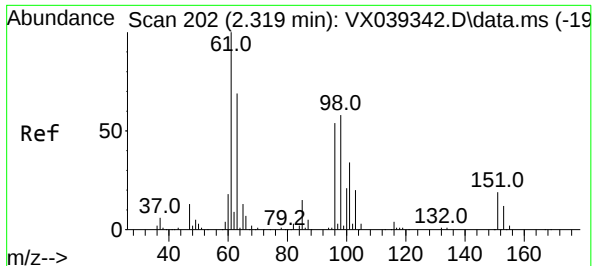
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.769 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX039365.D

Acq: 19 Dec 2023 18:35

Instrument :

MSVOA_X

ClientSampleId :

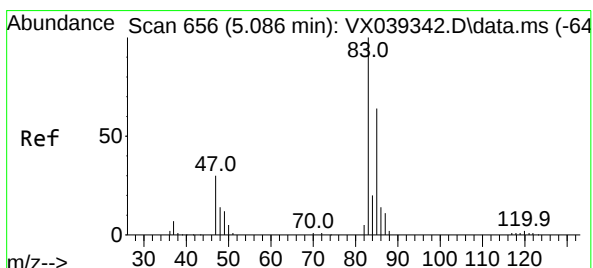
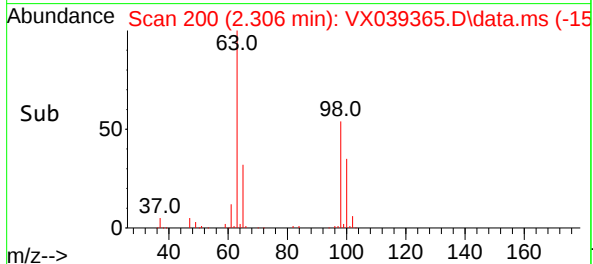
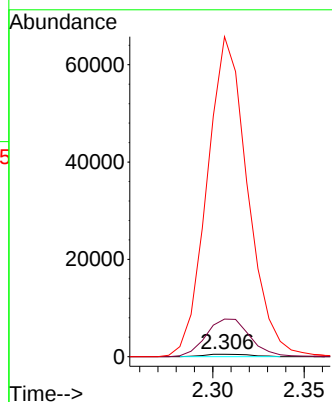
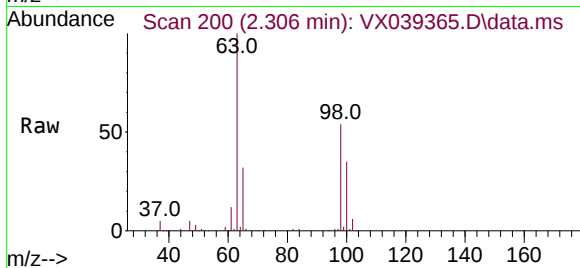
Tgt Ion: 96 Resp: 905

Ion Ratio Lower Upper

96 100

61 1580.4 128.0 237.6#

63 13449.5 101.5 188.5#



#25

Chloroform

Concen: 1.970 ug/L

RT: 5.099 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX039365.D

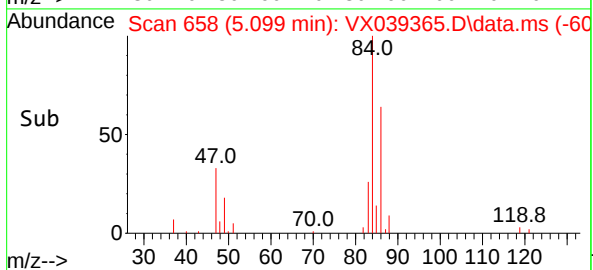
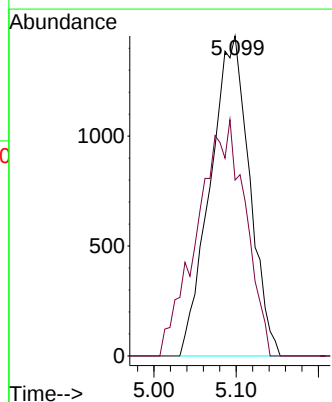
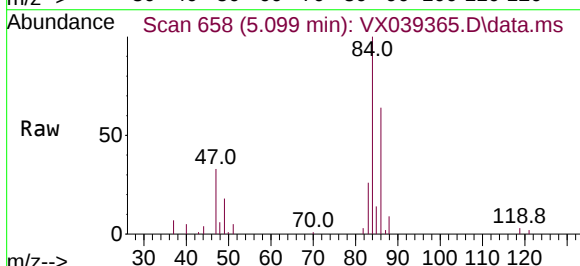
Acq: 19 Dec 2023 18:35

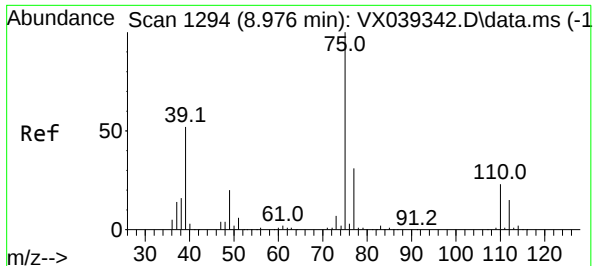
Tgt Ion: 83 Resp: 4818

Ion Ratio Lower Upper

83 100

85 54.9 45.1 83.7

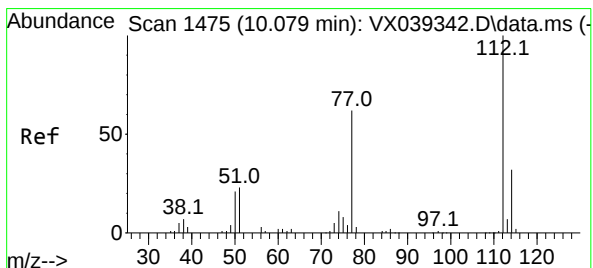
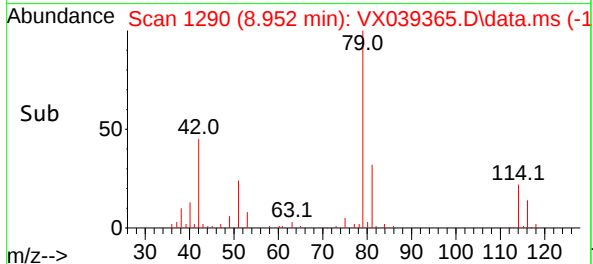
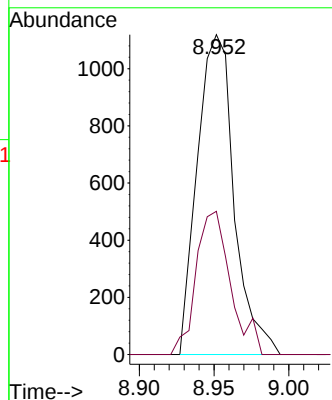
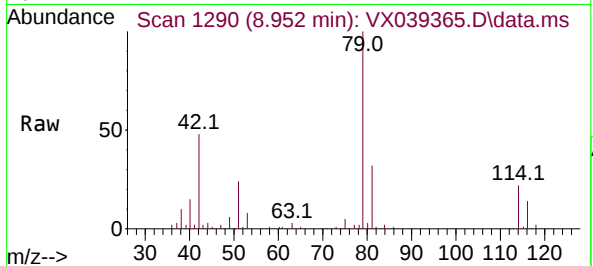




#44
trans-1,3-Dichloropropene
Concen: 0.861 ug/L
RT: 8.952 min Scan# 1191
Delta R.T. -0.024 min
Lab File: VX039365.D
Acq: 19 Dec 2023 18:35

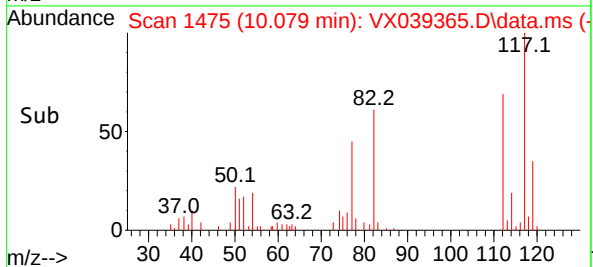
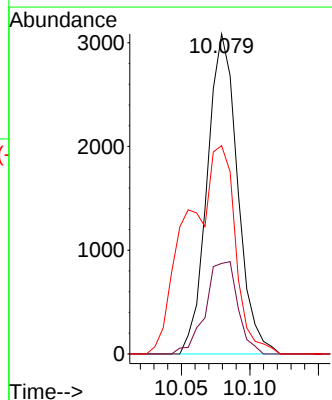
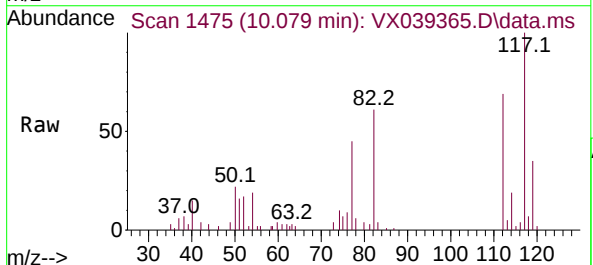
Instrument :
MSVOA_X
ClientSampleId :

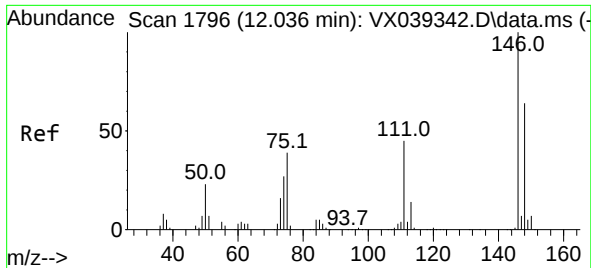
Tgt Ion: 75 Resp: 1916
Ion Ratio Lower Upper
75 100
77 44.8 22.0 40.8#



#51
Chlorobenzene
Concen: 1.341 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039365.D
Acq: 19 Dec 2023 18:35

Tgt Ion: 112 Resp: 4760
Ion Ratio Lower Upper
112 100
114 28.3 21.8 40.4
77 65.1 49.0 73.6

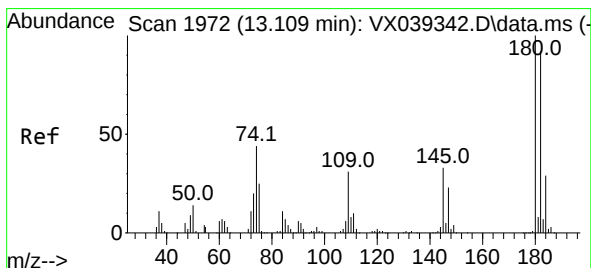
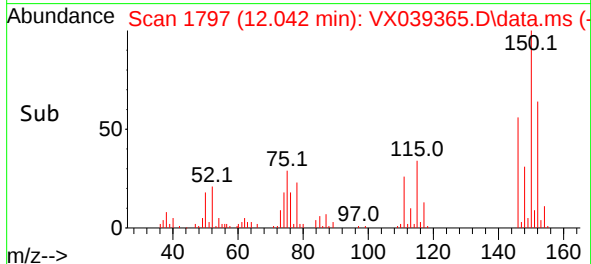
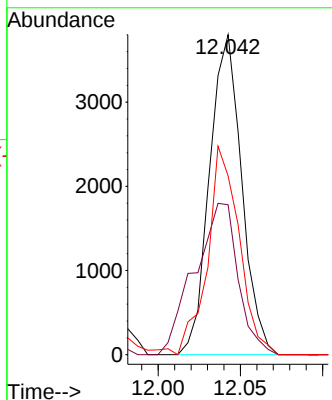
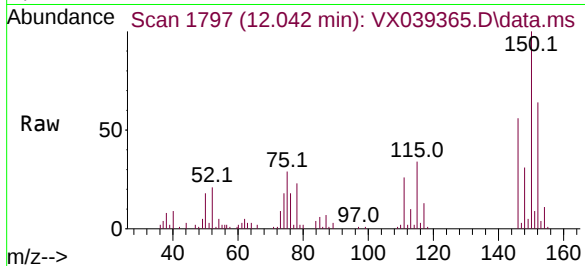




#65
1,4-Dichlorobenzene
Concen: 2.024 ug/L
RT: 12.042 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX039365.D
Acq: 19 Dec 2023 18:35

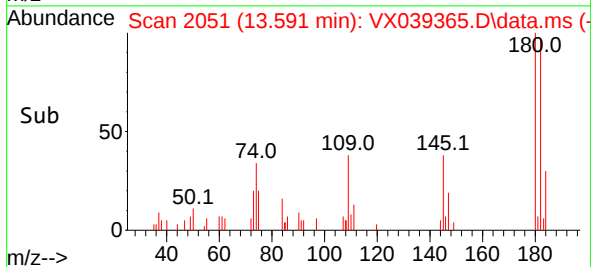
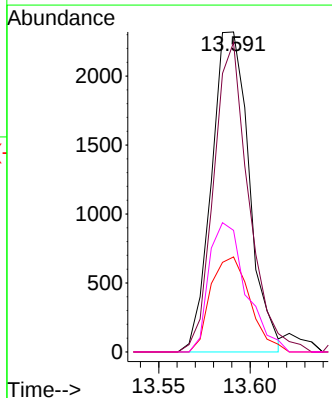
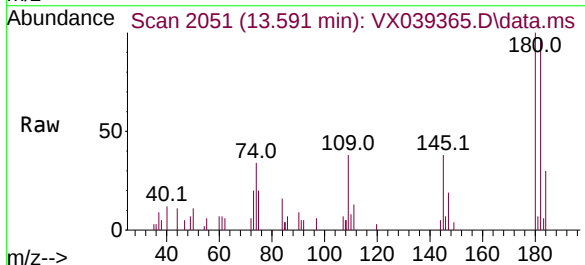
Instrument :
MSVOA_X
ClientSampleId :

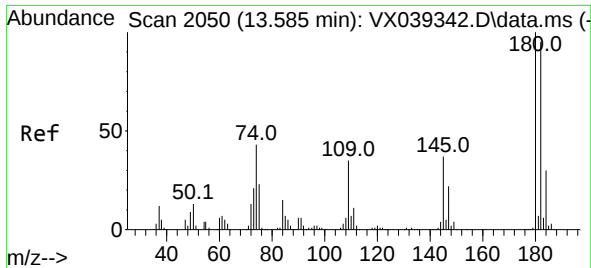
Tgt Ion:146 Resp: 5168
Ion Ratio Lower Upper
146 100
111 46.8 29.7 55.1
148 55.9 45.8 85.2



#69
1,3,5-Trichlorobenzene
Concen: 1.995 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.482 min
Lab File: VX039365.D
Acq: 19 Dec 2023 18:35

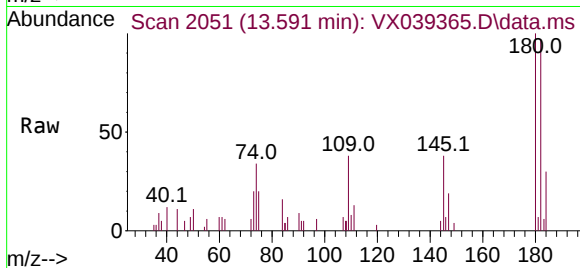
Tgt Ion:180 Resp: 3325
Ion Ratio Lower Upper
180 100
182 90.3 76.1 114.1
184 31.0 24.1 36.1
145 39.9 27.3 40.9



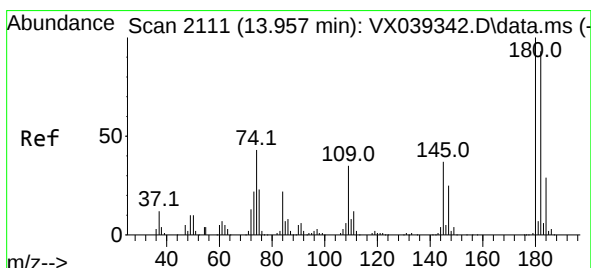
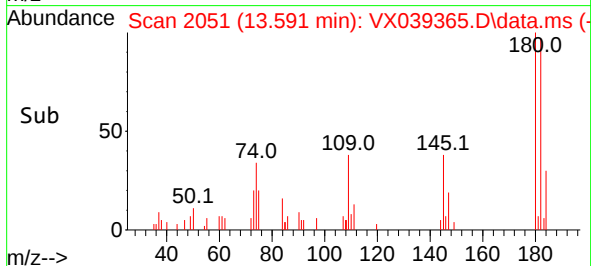
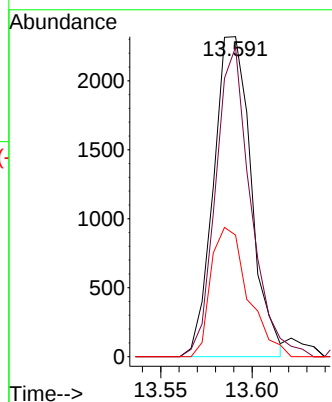


#70
1,2,4-trichlorobenzene
Concen: 2.116 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039365.D
Acq: 19 Dec 2023 18:35

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 3325
Ion Ratio Lower Upper
180 100
182 90.3 76.8 115.2
145 39.9 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 0.839 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039365.D
Acq: 19 Dec 2023 18:35

Tgt Ion:180 Resp: 1277
Ion Ratio Lower Upper
180 100
182 92.7 75.9 113.9
145 41.1 28.6 42.8

