

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039419.D
 Acq On : 21 Dec 2023 11:12
 Operator : JC/MD
 Sample : 05808-08 20X
 Misc : 4.19g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 00:42:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

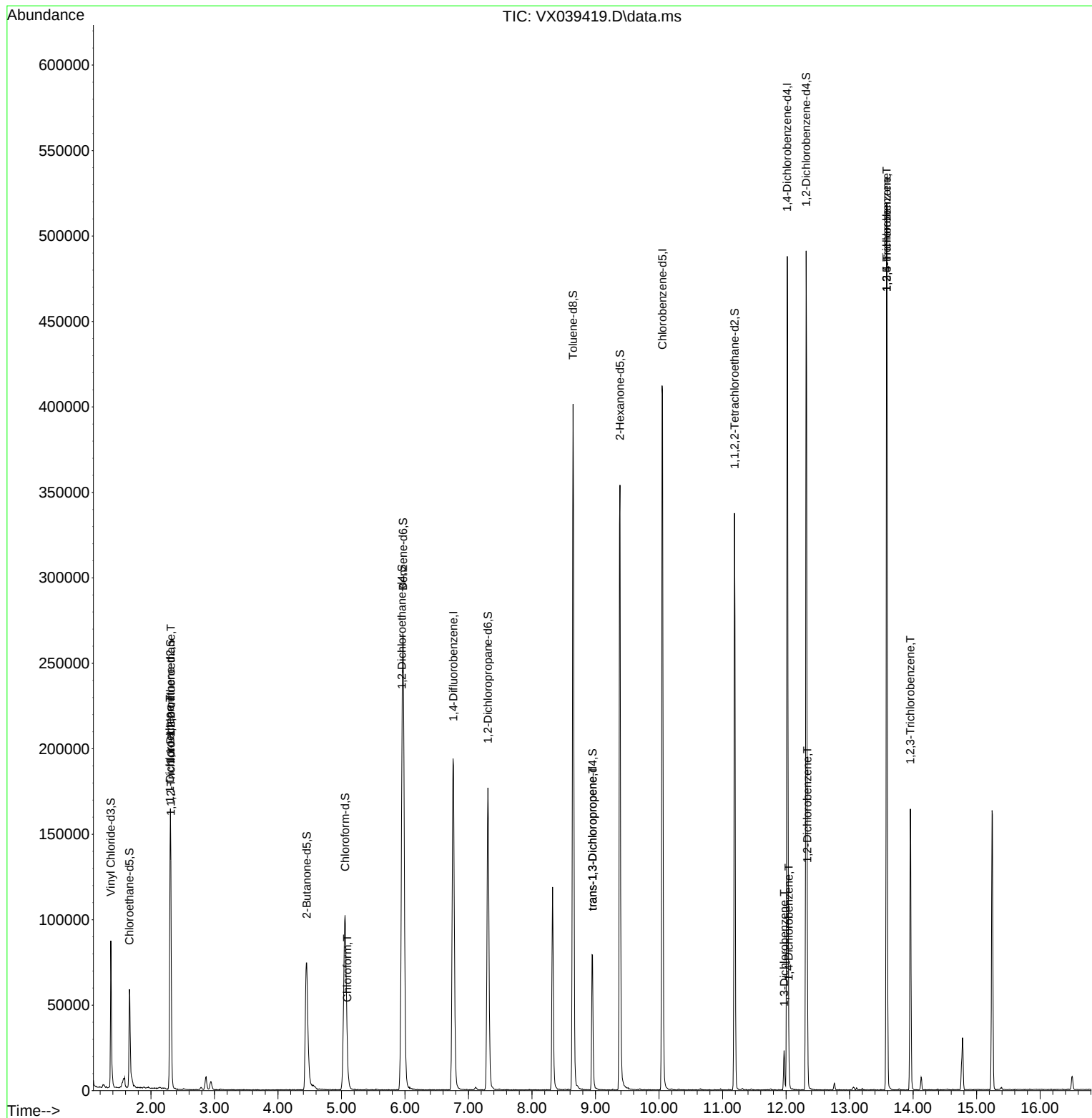
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	188648	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	179821	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	89525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	57515	38.871	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.740%		
7) Chloroethane-d5	1.660	69	46894	42.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.760%		
11) 1,1-Dichloroethene-d2	2.306	65	29787	45.861	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.720%		
21) 2-Butanone-d5	4.452	46	136182	101.676	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.680%		
24) Chloroform-d	5.056	84	125697	47.988	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.980%		
26) 1,2-Dichloroethane-d4	5.952	65	92306	54.414	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.820%		
32) Benzene-d6	5.970	84	259619	46.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.560%		
36) 1,2-Dichloropropane-d6	7.306	67	86069	48.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.380%		
41) Toluene-d8	8.647	98	231302	45.991	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.980%		
43) trans-1,3-Dichloroprop...	8.952	79	38381	42.230	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.460%		
47) 2-Hexanone-d5	9.384	63	99475	93.254	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.250%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	125089	49.372	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.740%		
66) 1,2-Dichlorobenzene-d4	12.317	152	85557	50.560	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.120%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	959	0.742	ug/L #	21
12) 1,1-Dichloroethene	2.300	96	767	0.631	ug/L #	1
25) Chloroform	5.093	83	5437	2.153	ug/L	94
44) trans-1,3-Dichloropropene	8.952	75	2073	0.884	ug/L	83
64) 1,3-Dichlorobenzene	11.969	146	6645	2.373	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	4945	1.743	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	12978	4.845	ug/L	94
69) 1,3,5-Trichlorobenzene	13.585	180	102830	55.533	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	102830	58.907	ug/L	98
72) 1,2,3-Trichlorobenzene	13.957	180	32692	19.342	ug/L	98

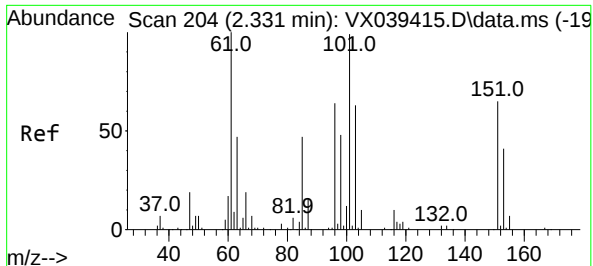
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : 05808-08 20X
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Quant Time: Dec 22 00:42:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 22 00:41:09 2023
Response via : Initial Calibration

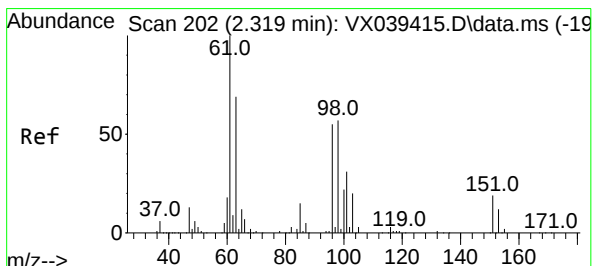
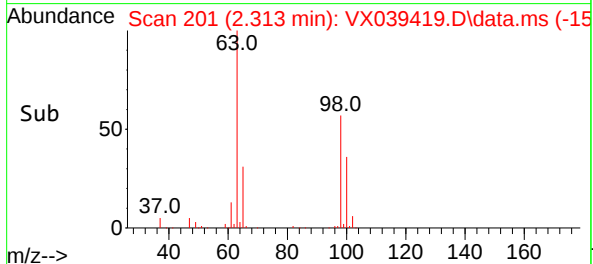
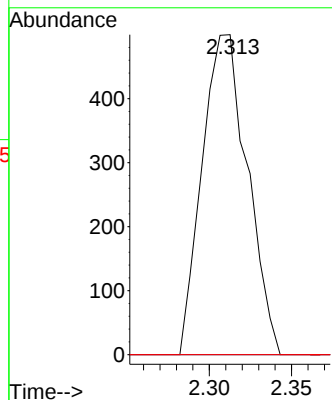
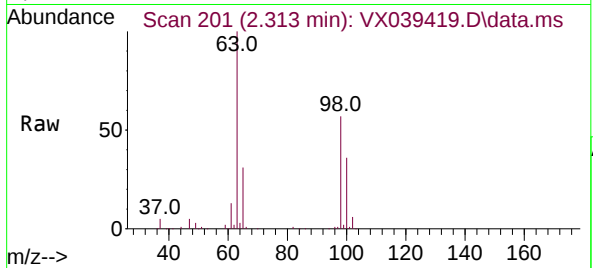




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.742 ug/L
RT: 2.313 min Scan# 204
Delta R.T. -0.018 min
Lab File: VX039419.D
Acq: 21 Dec 2023 11:12

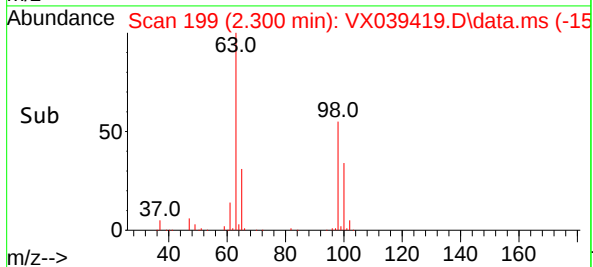
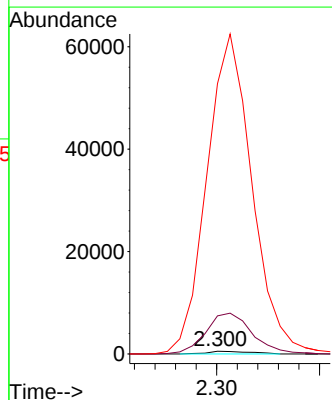
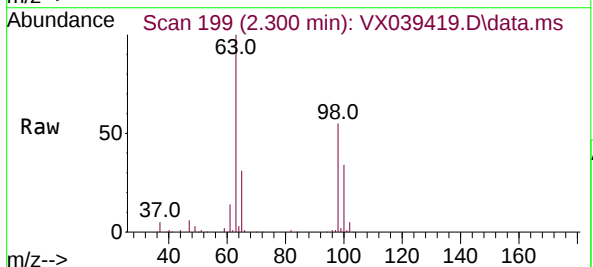
Instrument :
MSVOA_X
ClientSampleId :

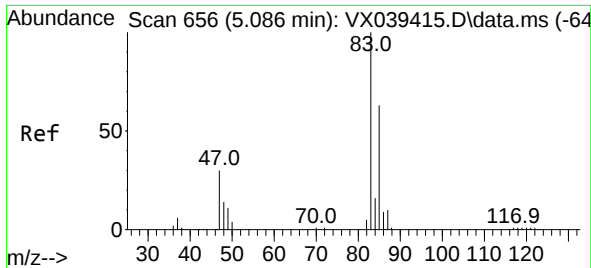
Tgt Ion:101 Resp: 959
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.631 ug/L
RT: 2.300 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX039419.D
Acq: 21 Dec 2023 11:12

Tgt Ion: 96 Resp: 767
Ion Ratio Lower Upper
96 100
61 1425.7 128.0 237.6#
63 10128.2 101.5 188.5#

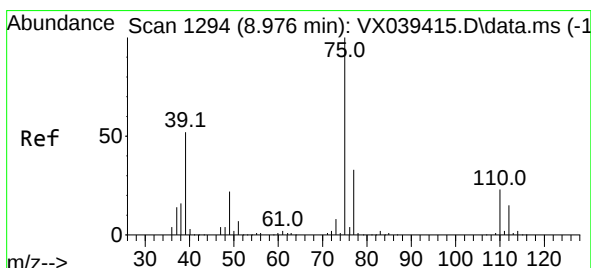
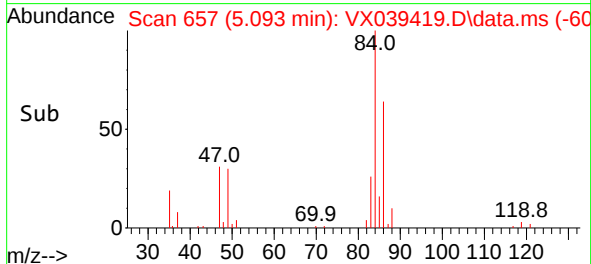
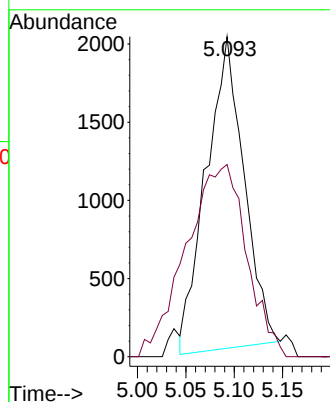
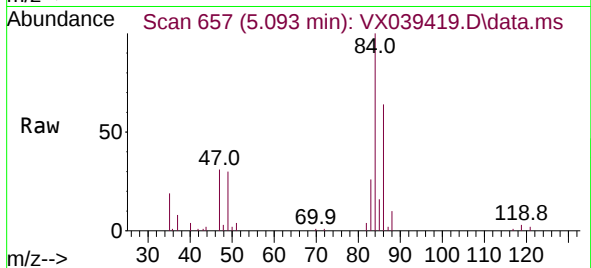




#25
Chloroform
Concen: 2.153 ug/L
RT: 5.093 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX039419.D
Acq: 21 Dec 2023 11:12

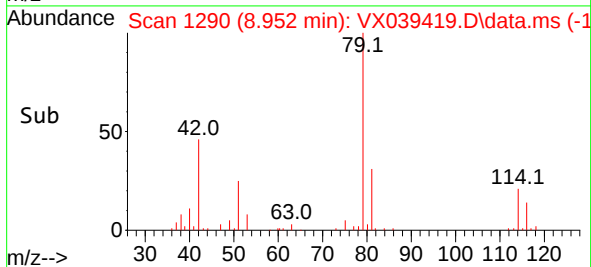
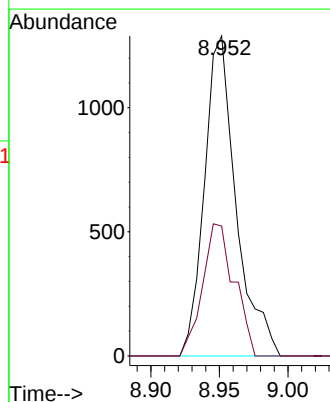
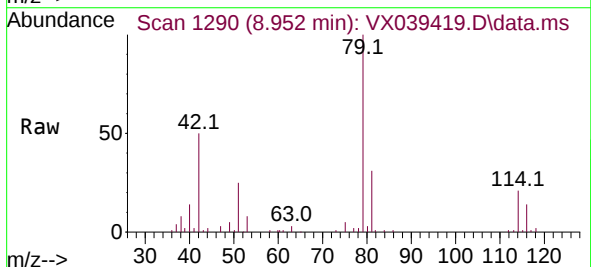
Instrument :
MSVOA_X
ClientSampleId :

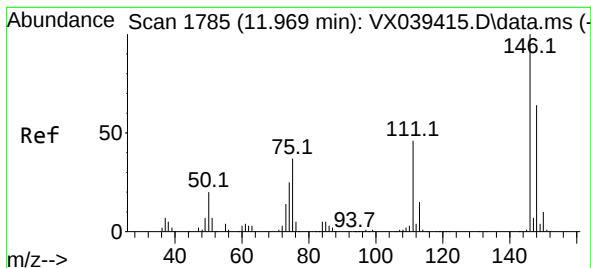
Tgt Ion: 83 Resp: 5437
Ion Ratio Lower Upper
83 100
85 60.0 45.1 83.7



#44
trans-1,3-Dichloropropene
Concen: 0.884 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX039419.D
Acq: 21 Dec 2023 11:12

Tgt Ion: 75 Resp: 2073
Ion Ratio Lower Upper
75 100
77 40.6 22.0 40.8





#64

1,3-Dichlorobenzene

Concen: 2.373 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039419.D

Acq: 21 Dec 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

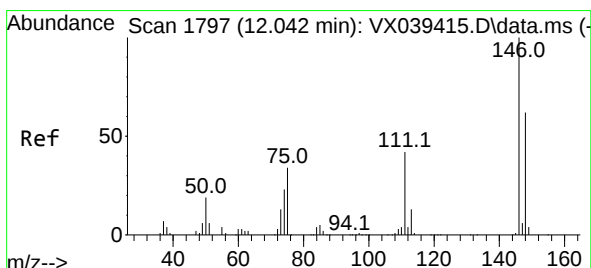
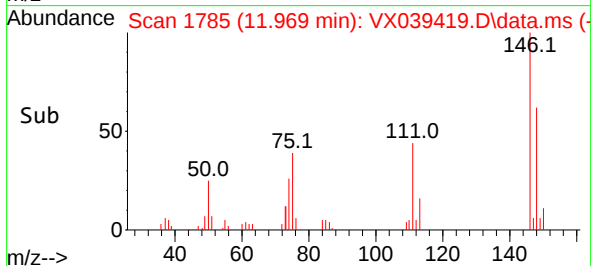
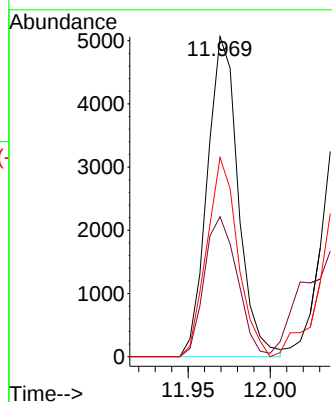
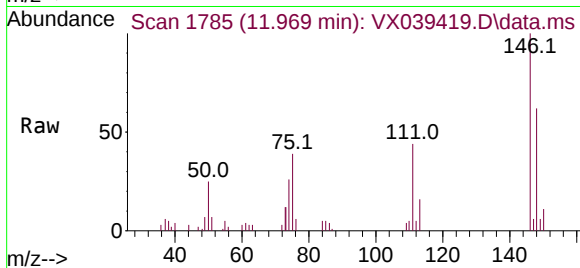
Tgt Ion:146 Resp: 6645

Ion Ratio Lower Upper

146 100

111 43.7 30.0 55.6

148 62.2 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 1.743 ug/L

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039419.D

Acq: 21 Dec 2023 11:12

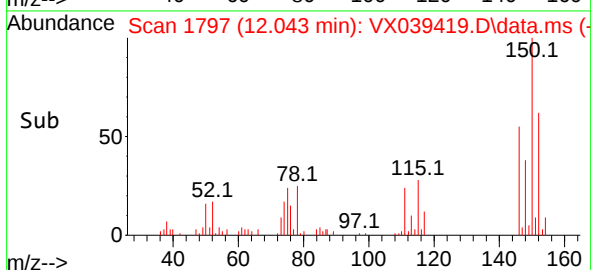
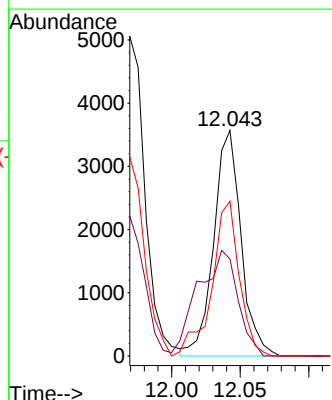
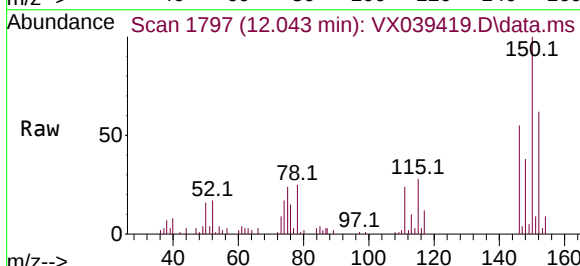
Tgt Ion:146 Resp: 4945

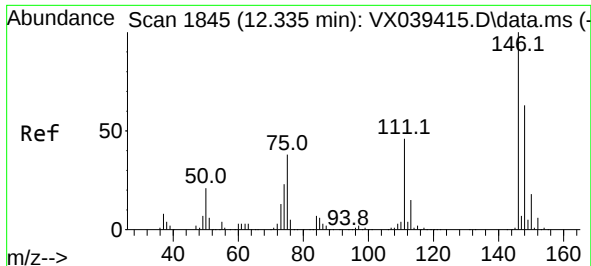
Ion Ratio Lower Upper

146 100

111 43.0 29.7 55.1

148 68.6 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 4.845 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039419.D

Acq: 21 Dec 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

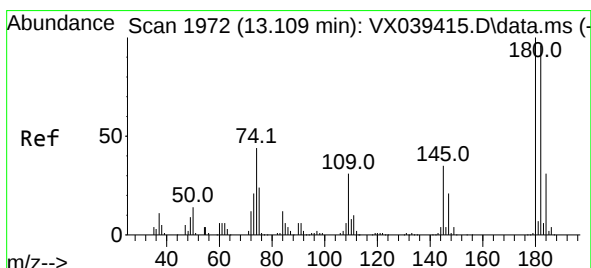
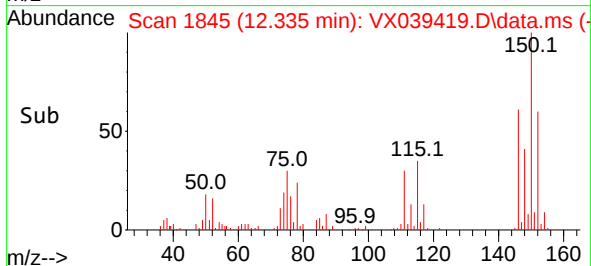
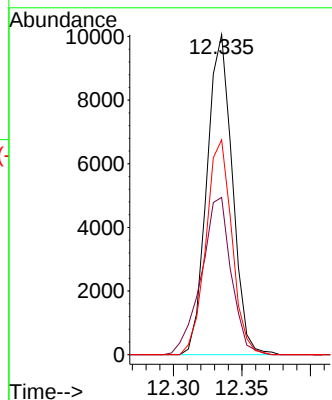
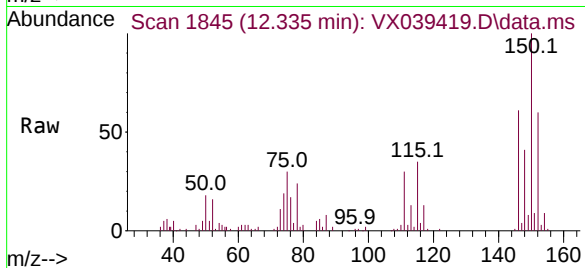
Tgt Ion:146 Resp: 12978

Ion Ratio Lower Upper

146 100

111 49.1 36.4 54.6

148 67.1 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 55.533 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

Lab File: VX039419.D

Acq: 21 Dec 2023 11:12

Tgt Ion:180 Resp: 102830

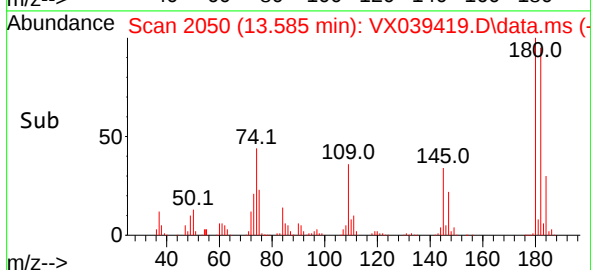
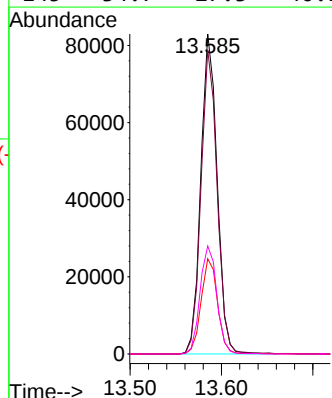
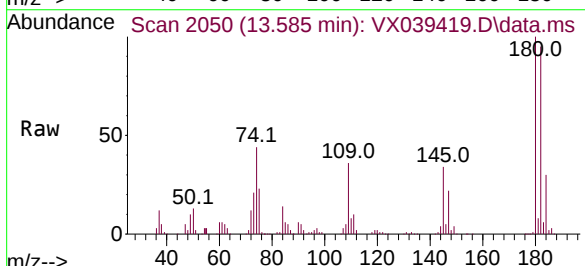
Ion Ratio Lower Upper

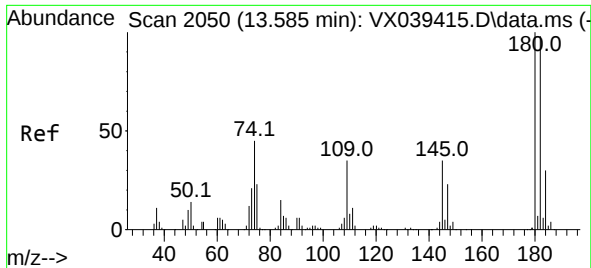
180 100

182 93.9 76.1 114.1

184 29.8 24.1 36.1

145 34.7 27.3 40.9

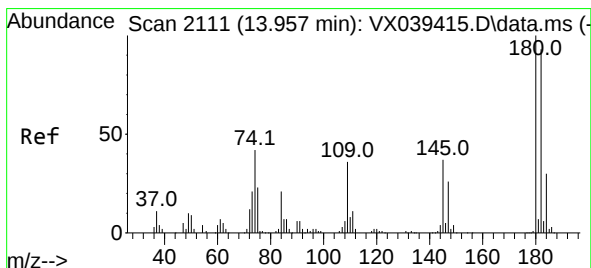
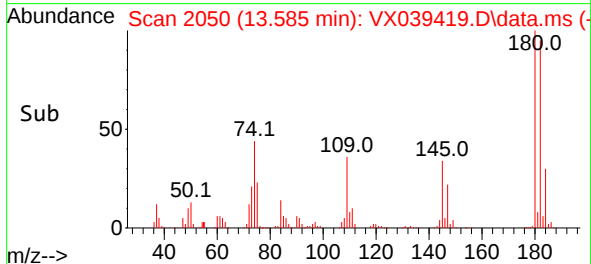
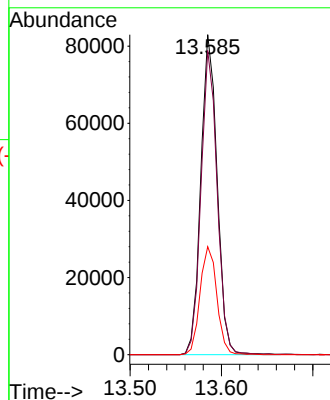
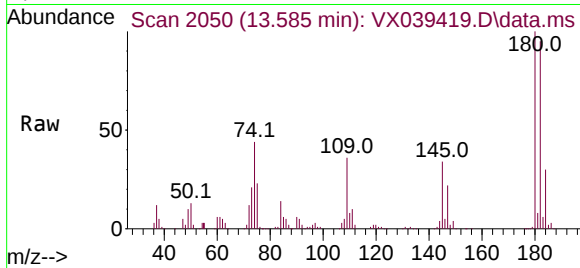




#70
1,2,4-trichlorobenzene
Concen: 58.907 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039419.D
Acq: 21 Dec 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 102830
Ion Ratio Lower Upper
180 100
182 93.9 76.8 115.2
145 34.7 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 19.342 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX039419.D
Acq: 21 Dec 2023 11:12

Tgt Ion:180 Resp: 32692
Ion Ratio Lower Upper
180 100
182 93.3 75.9 113.9
145 37.3 28.6 42.8

