

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039418.D
 Acq On : 21 Dec 2023 10:49
 Operator : JC/MD
 Sample : 05808-18 4X
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

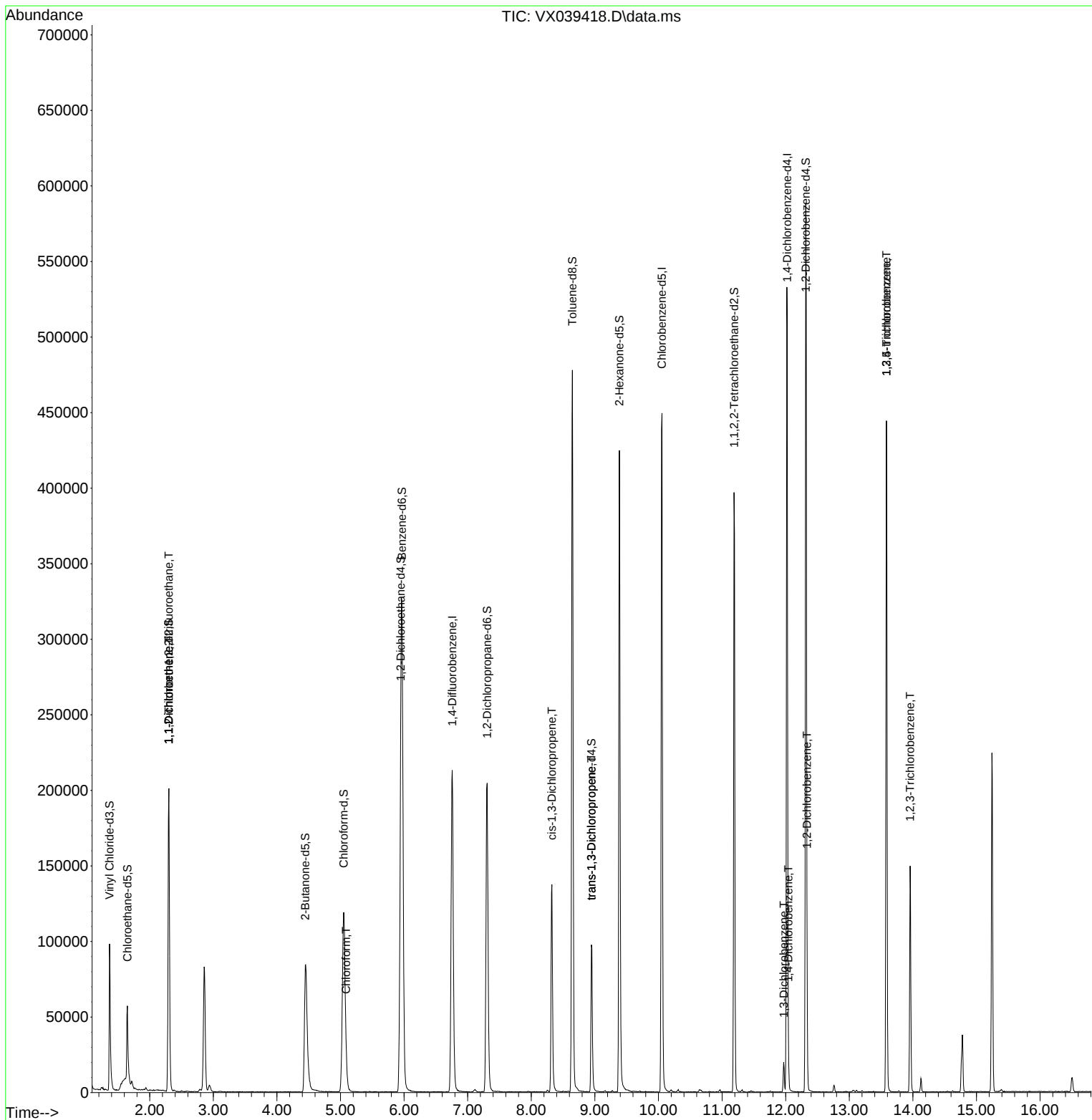
Quant Time: Dec 22 00:42:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

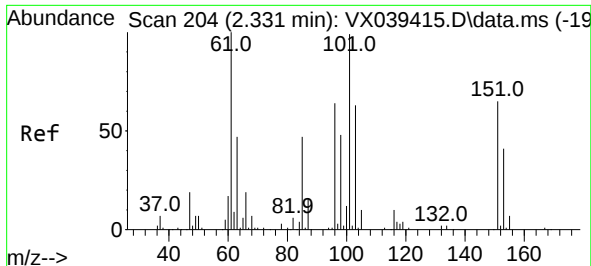
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	208572	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194862	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100160	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76135	46.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.080%		
7) Chloroethane-d5	1.648	69	35885	29.677	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	59.360%#		
11) 1,1-Dichloroethene-d2	2.300	65	36530	50.870	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.740%		
21) 2-Butanone-d5	4.446	46	162430	109.688	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.690%		
24) Chloroform-d	5.050	84	148381	51.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.480%		
26) 1,2-Dichloroethane-d4	5.946	65	110085	58.696	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	117.400%		
32) Benzene-d6	5.964	84	315197	52.412	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.820%		
36) 1,2-Dichloropropane-d6	7.306	67	104571	54.032	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.060%		
41) Toluene-d8	8.647	98	280995	51.559	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.120%		
43) trans-1,3-Dichloroprop...	8.945	79	46596	47.311	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.620%		
47) 2-Hexanone-d5	9.384	63	121334	104.966	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.970%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	154016	56.098	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	112.200%		
66) 1,2-Dichlorobenzene-d4	12.317	152	104306	55.095	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.300	101	1151	0.806	ug/L #	25
12) 1,1-Dichloroethene	2.300	96	1036	0.771	ug/L #	1
25) Chloroform	5.086	83	10669	3.821	ug/L	96
39) cis-1,3-Dichloropropene	8.324	75	3787	1.383	ug/L #	63
44) trans-1,3-Dichloropropene	8.945	75	2597	1.022	ug/L	94
64) 1,3-Dichlorobenzene	11.969	146	5573	1.779	ug/L	84
65) 1,4-Dichlorobenzene	12.042	146	4984	1.570	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	12045	4.020	ug/L	94
69) 1,3,5-Trichlorobenzene	13.585	180	89078	42.998	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	89078	45.611	ug/L	98
72) 1,2,3-Trichlorobenzene	13.957	180	30553	16.157	ug/L	97

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 22 00:41:09 2023
Response via : Initial Calibration

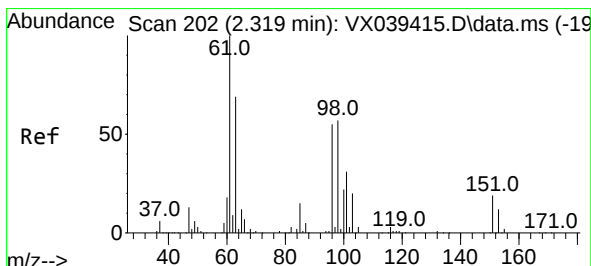
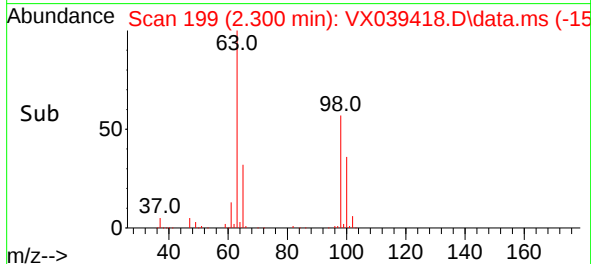
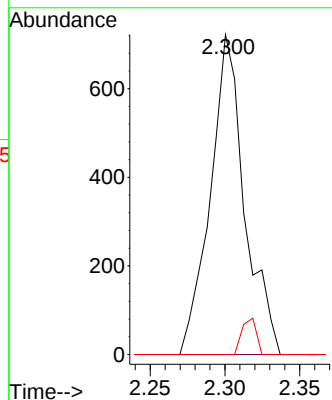
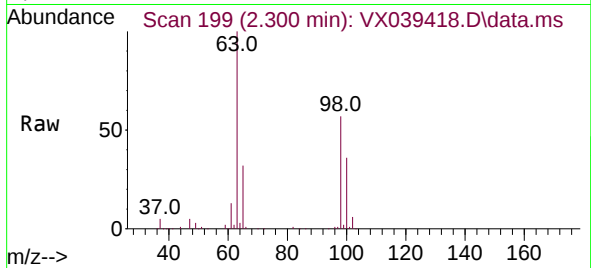




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.806 ug/L
 RT: 2.300 min Scan# 199
 Delta R.T. -0.030 min
 Lab File: VX039418.D
 Acq: 21 Dec 2023 10:49

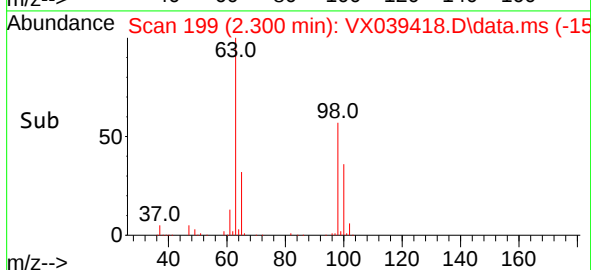
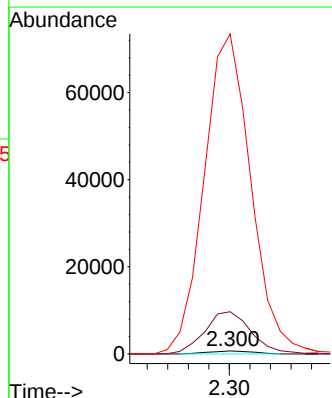
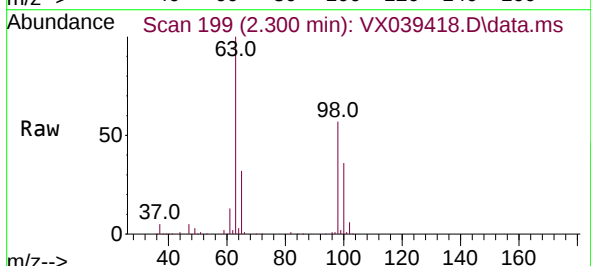
Instrument :
 MSVOA_X
 ClientSampleId :

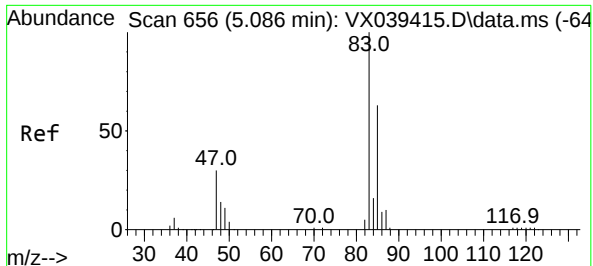
Tgt Ion:101 Resp: 1151
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.8 53.6#
 151 4.8 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.771 ug/L
 RT: 2.300 min Scan# 199
 Delta R.T. -0.018 min
 Lab File: VX039418.D
 Acq: 21 Dec 2023 10:49

Tgt Ion: 96 Resp: 1036
 Ion Ratio Lower Upper
 96 100
 61 1389.0 128.0 237.6#
 63 10538.9 101.5 188.5#





#25

Chloroform

Concen: 3.821 ug/L

RT: 5.086 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

Instrument :

MSVOA_X

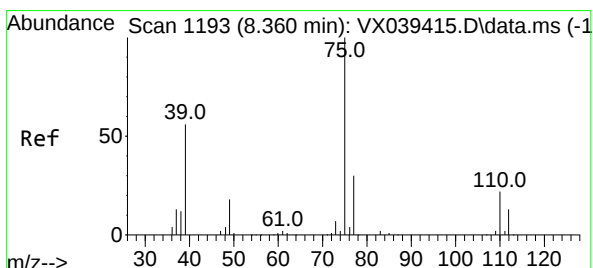
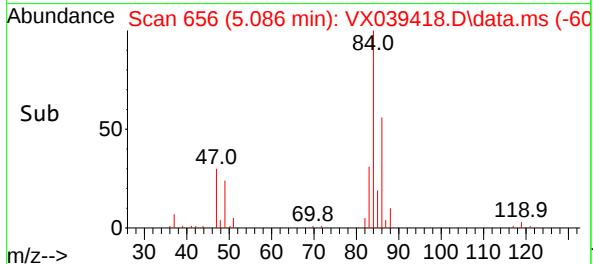
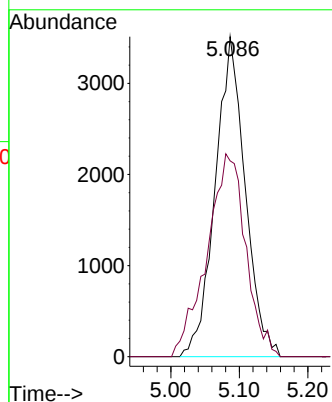
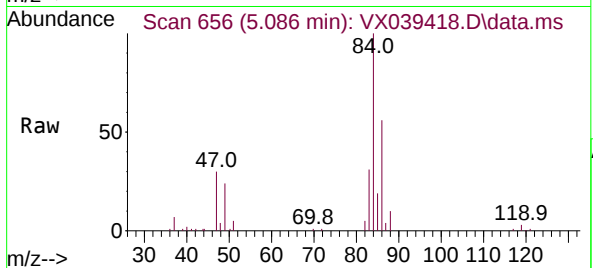
ClientSampleId :

Tgt Ion: 83 Resp: 10669

Ion Ratio Lower Upper

83 100

85 61.2 45.1 83.7



#39

cis-1,3-Dichloropropene

Concen: 1.383 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039418.D

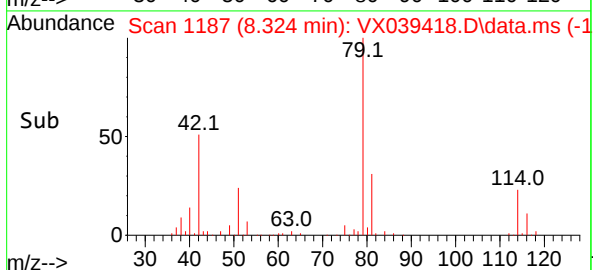
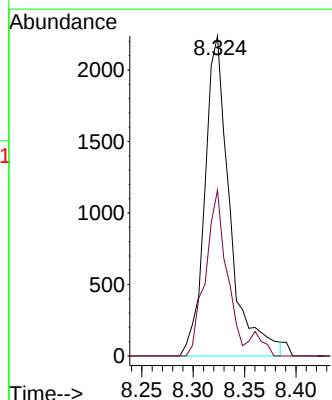
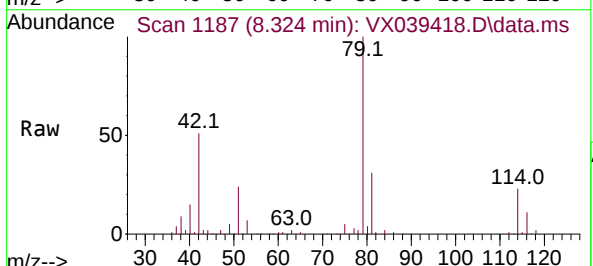
Acq: 21 Dec 2023 10:49

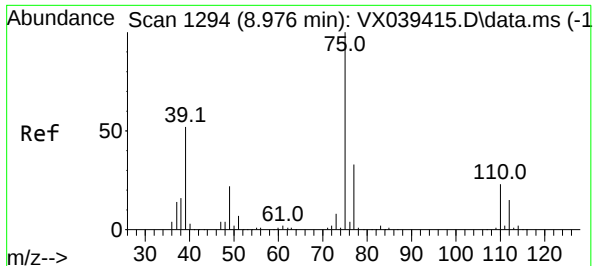
Tgt Ion: 75 Resp: 3787

Ion Ratio Lower Upper

75 100

77 51.8 22.0 40.8#

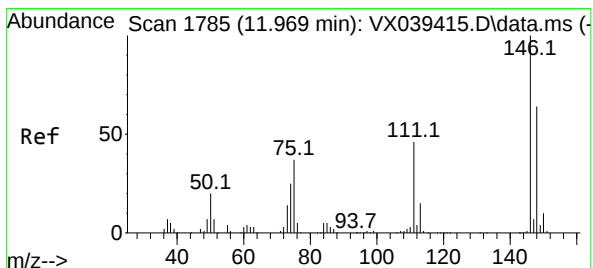
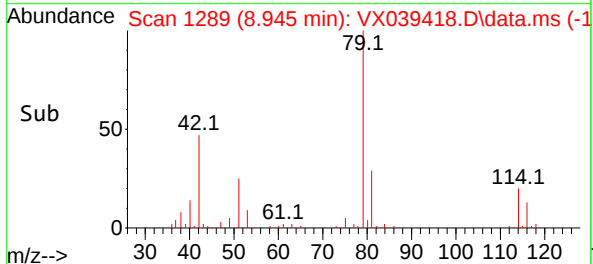
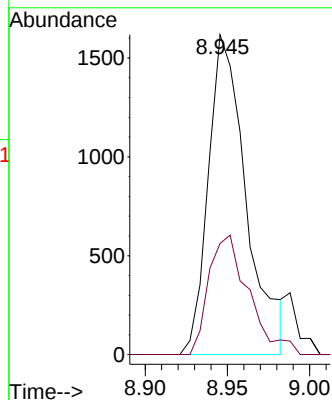
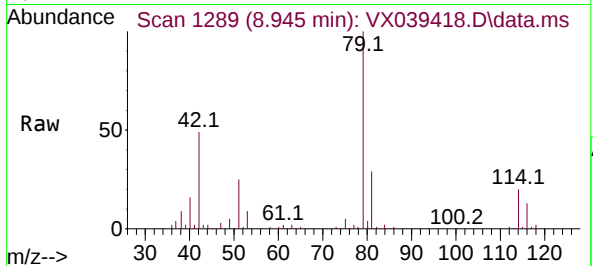




#44
trans-1,3-Dichloropropene
Concen: 1.022 ug/L
RT: 8.945 min Scan# 1289
Delta R.T. -0.030 min
Lab File: VX039418.D
Acq: 21 Dec 2023 10:49

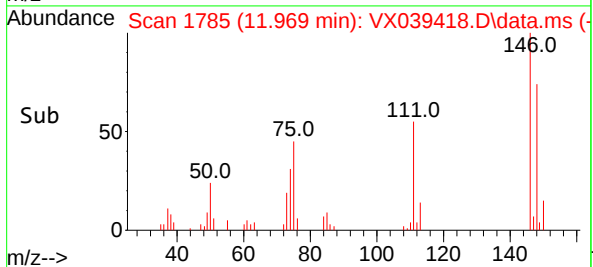
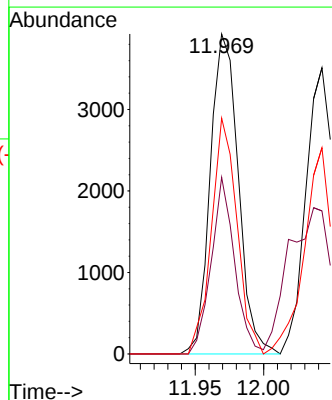
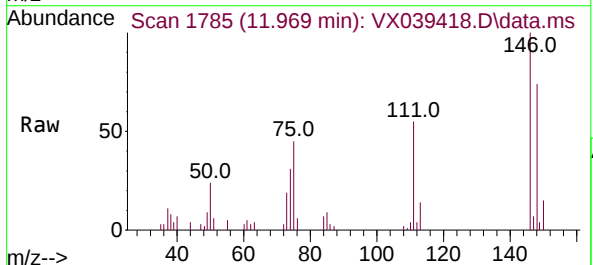
Instrument :
MSVOA_X
ClientSampleId :

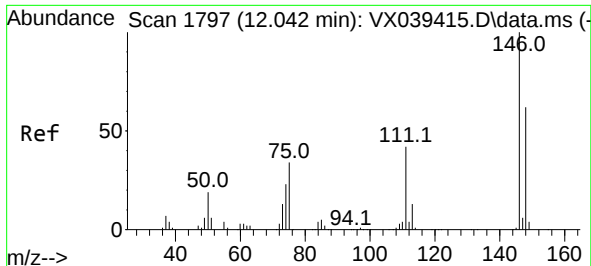
Tgt Ion: 75 Resp: 2597
Ion Ratio Lower Upper
75 100
77 34.7 22.0 40.8



#64
1,3-Dichlorobenzene
Concen: 1.779 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039418.D
Acq: 21 Dec 2023 10:49

Tgt Ion:146 Resp: 5573
Ion Ratio Lower Upper
146 100
111 55.2 30.0 55.6
148 73.7 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 1.570 ug/L

RT: 12.042 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :

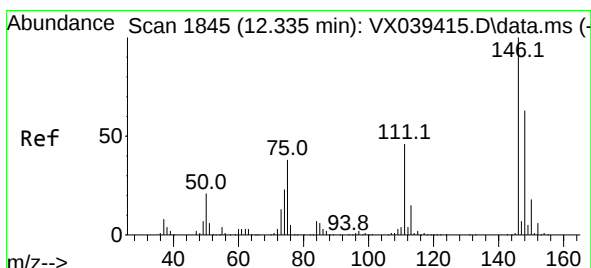
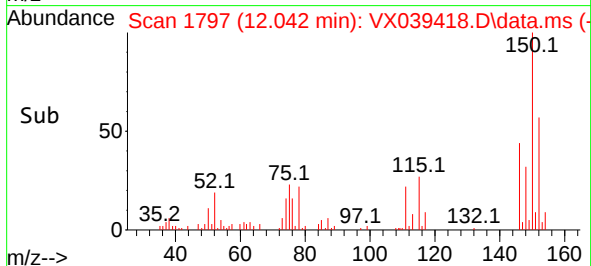
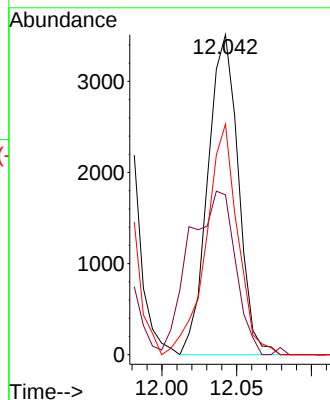
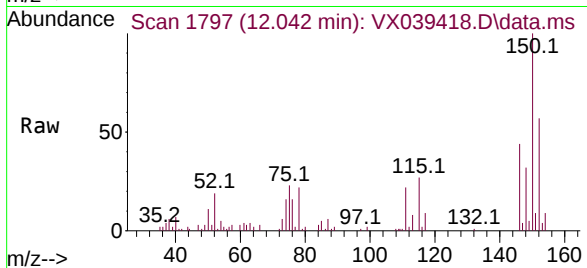
Tgt Ion:146 Resp: 4984

Ion Ratio Lower Upper

146 100

111 50.0 29.7 55.1

148 72.0 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 4.020 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

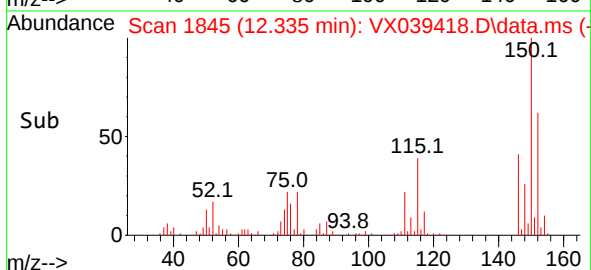
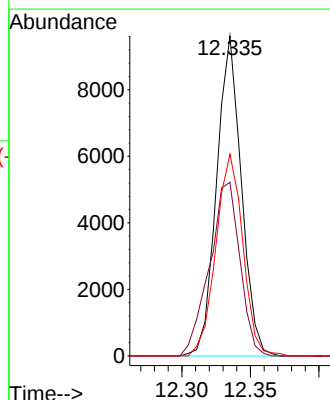
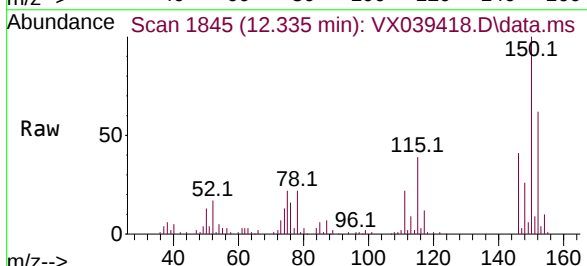
Tgt Ion:146 Resp: 12045

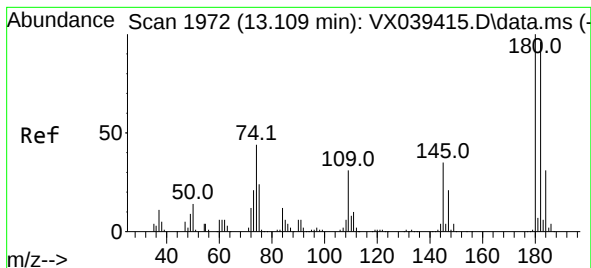
Ion Ratio Lower Upper

146 100

111 54.2 36.4 54.6

148 63.1 50.0 75.0





#69

1,3,5-Trichlorobenzene

Concen: 42.998 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.476 min

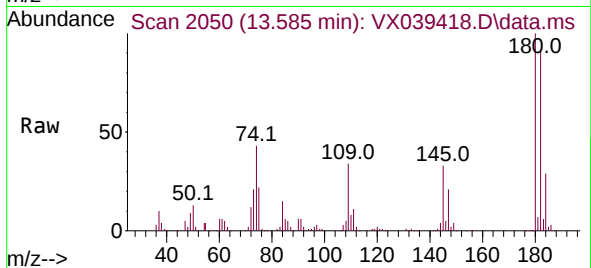
Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 89078

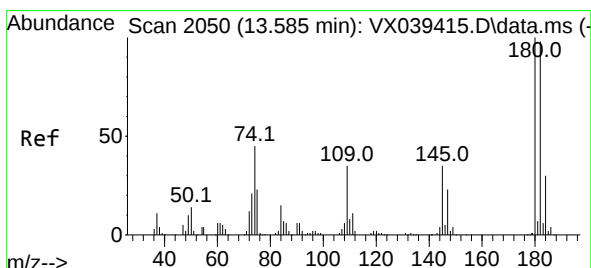
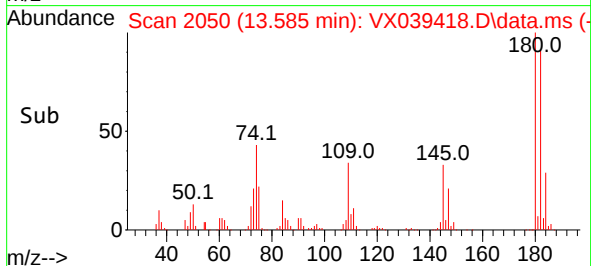
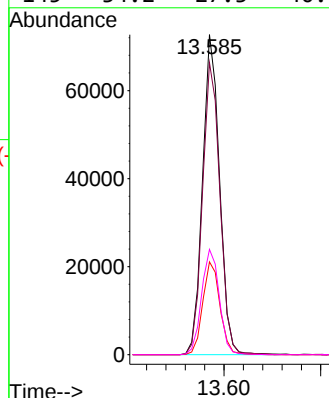
Ion Ratio Lower Upper

180 100

182 93.0 76.1 114.1

184 29.3 24.1 36.1

145 34.2 27.3 40.9



#70

1,2,4-trichlorobenzene

Concen: 45.611 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039418.D

Acq: 21 Dec 2023 10:49

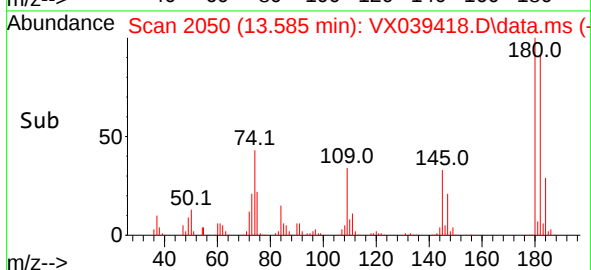
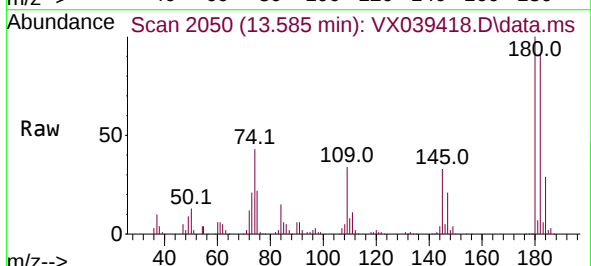
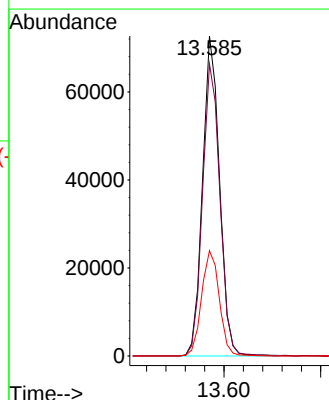
Tgt Ion:180 Resp: 89078

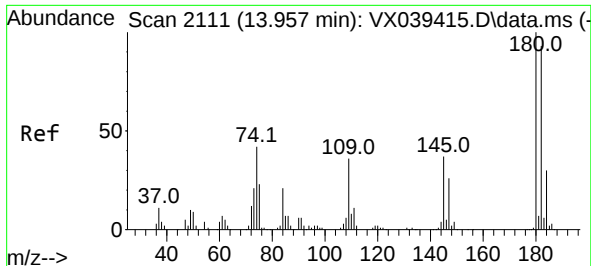
Ion Ratio Lower Upper

180 100

182 93.0 76.8 115.2

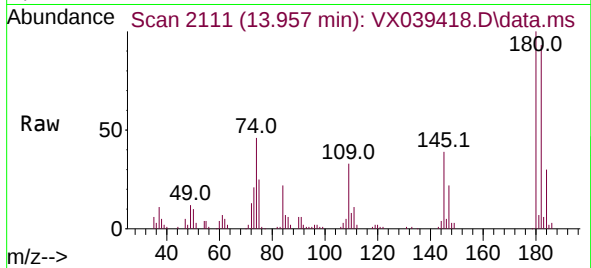
145 34.2 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 16.157 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX039418.D
 Acq: 21 Dec 2023 10:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 30553
 Ion Ratio Lower Upper
 180 100
 182 91.5 75.9 113.9
 145 36.3 28.6 42.8

