

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039370.D
 Acq On : 19 Dec 2023 20:30
 Operator : JC/MD
 Sample : VX1219MBL02
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 00:14:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 20 00:14:00 2023
 Response via : Initial Calibration

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

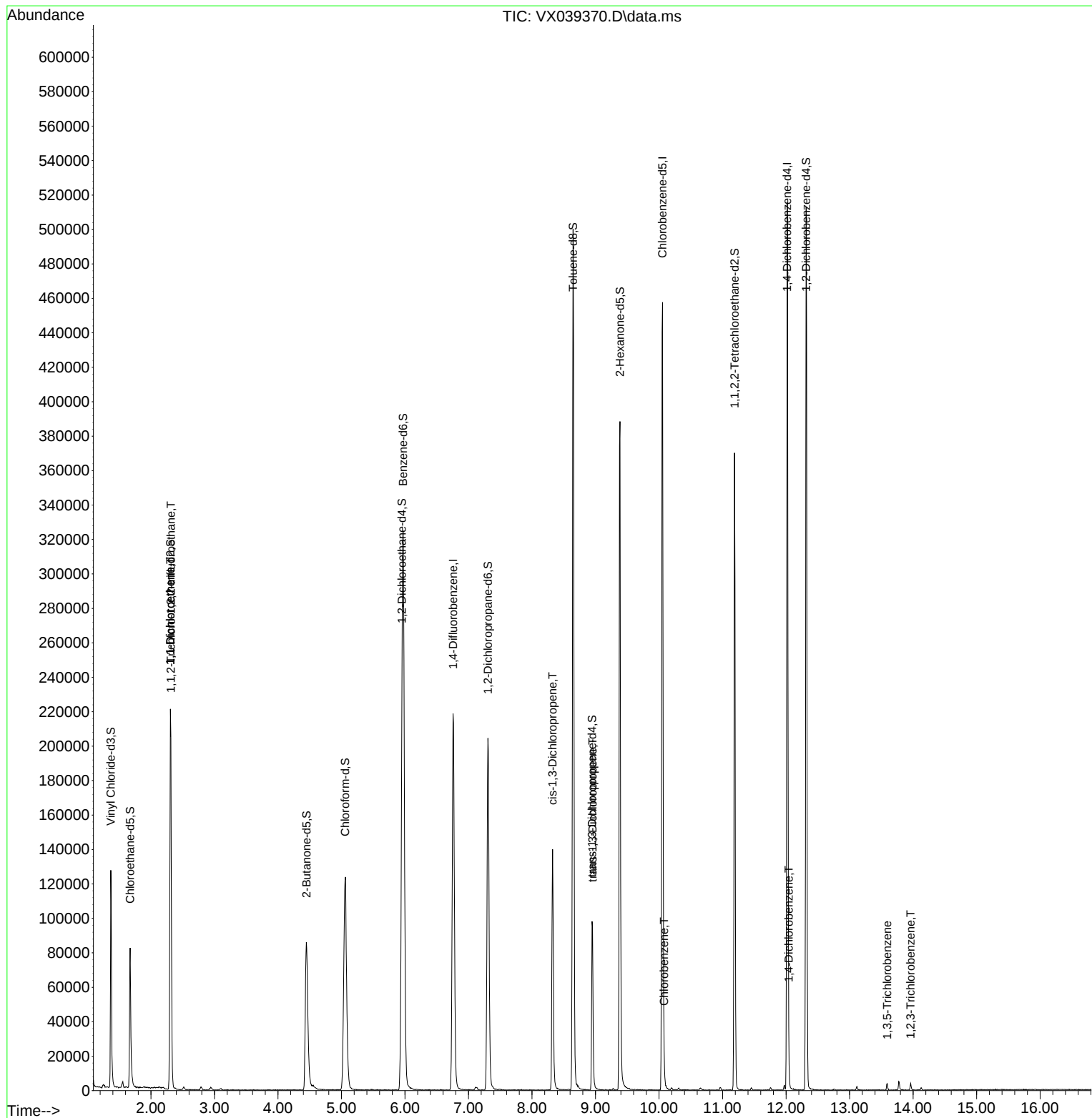
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	211693	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	196780	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	94516	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	86014	51.803	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.600%			
7) Chloroethane-d5	1.672	69	62198	50.679	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.360%			
11) 1,1-Dichloroethene-d2	2.306	65	40592	55.693	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.380%			
21) 2-Butanone-d5	4.446	46	152496	101.461	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.460%			
24) Chloroform-d	5.056	84	149896	50.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.000%			
26) 1,2-Dichloroethane-d4	5.952	65	108812	57.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.320%			
32) Benzene-d6	5.970	84	322101	53.038	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.080%			
36) 1,2-Dichloropropane-d6	7.306	67	102658	52.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.060%			
41) Toluene-d8	8.647	98	285384	51.854	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.700%			
43) trans-1,3-Dichloroprop...	8.945	79	46561	46.815	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.620%			
47) 2-Hexanone-d5	9.384	63	109383	93.705	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.700%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	139115	50.176	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.360%			
66) 1,2-Dichlorobenzene-d4	12.317	152	94093	52.668	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.340%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	1376	0.949	ug/L #	23
12) 1,1-Dichloroethene	2.306	96	1190	0.873	ug/L #	1
39) cis-1,3-Dichloropropene	8.324	75	3577	1.293	ug/L #	74
44) trans-1,3-Dichloropropene	8.952	75	2783	1.084	ug/L	86
51) Chlorobenzene	10.079	112	3377	0.824	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	3351	1.119	ug/L	90
69) 1,3,5-Trichlorobenzene	13.591	180	1110	0.568	ug/L	90
72) 1,2,3-Trichlorobenzene	13.963	180	998	0.559	ug/L	93

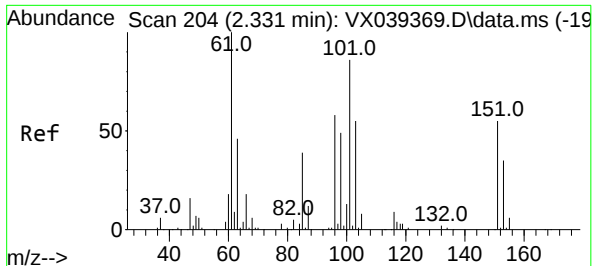
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 20 00:14:00 2023
Response via : Initial Calibration

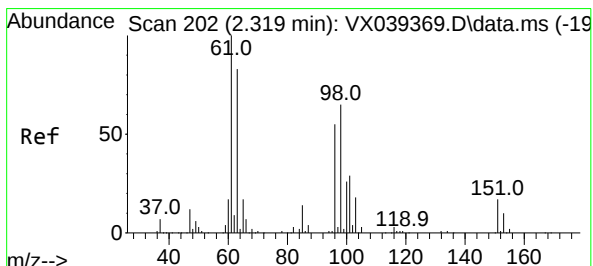
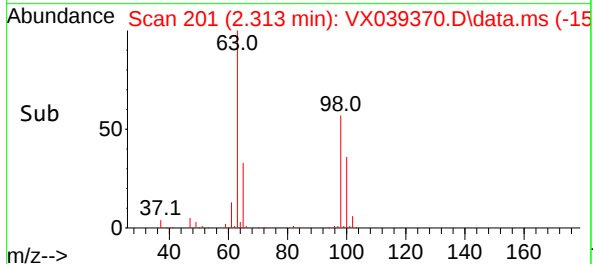
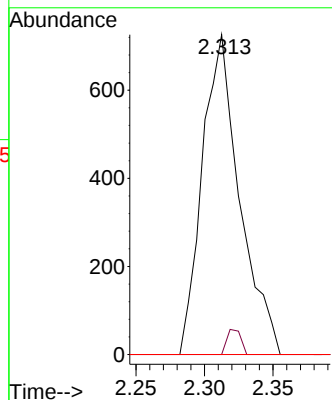
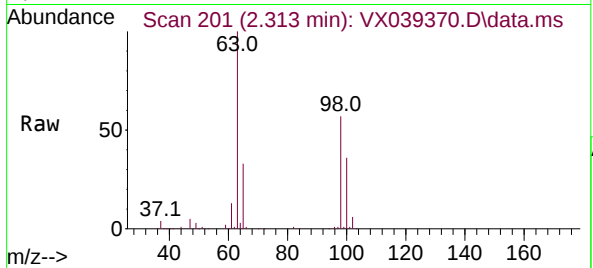




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.949 ug/L
RT: 2.313 min Scan# 204
Delta R.T. -0.018 min
Lab File: VX039370.D
Acq: 19 Dec 2023 20:30

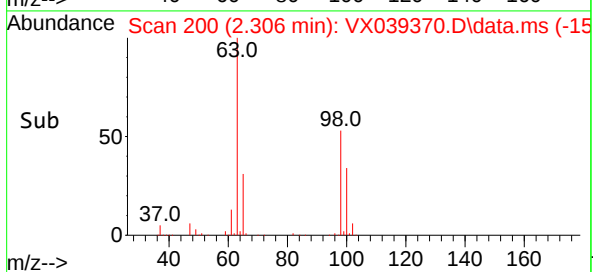
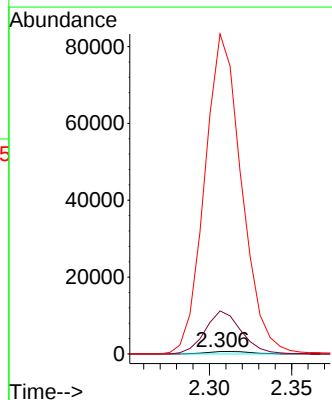
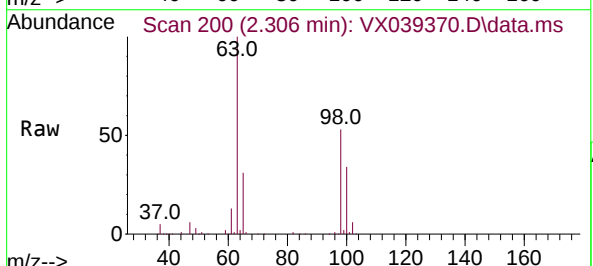
Instrument :
MSVOA_X
ClientSampleId :

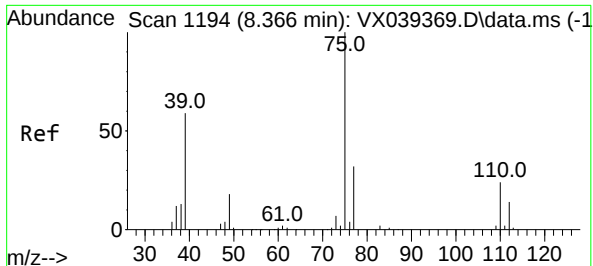
Tgt Ion:101 Resp: 1376
Ion Ratio Lower Upper
101 100
85 2.9 35.8 53.6#
151 0.0 55.4 83.2#



#12
1,1-Dichloroethene
Concen: 0.873 ug/L
RT: 2.306 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX039370.D
Acq: 19 Dec 2023 20:30

Tgt Ion: 96 Resp: 1190
Ion Ratio Lower Upper
96 100
61 1736.7 128.0 237.6#
63 12910.4 101.5 188.5#





#39

cis-1,3-Dichloropropene

Concen: 1.293 ug/L

RT: 8.324 min Scan# 1194

Delta R.T. -0.043 min

Lab File: VX039370.D

Acq: 19 Dec 2023 20:30

Instrument :

MSVOA_X

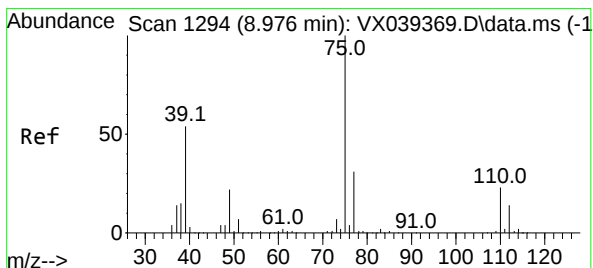
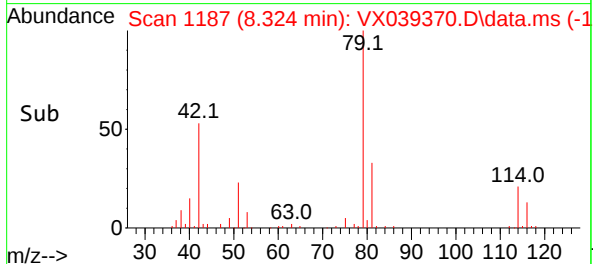
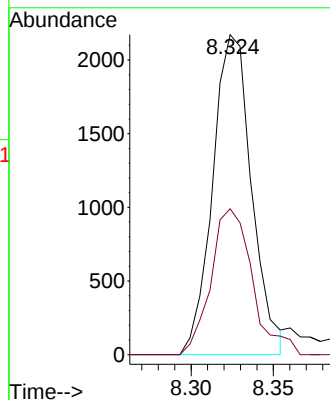
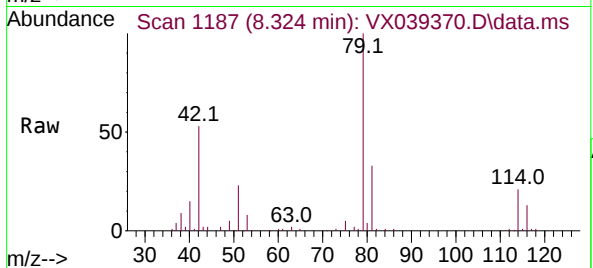
ClientSampleId :

Tgt Ion: 75 Resp: 3577

Ion Ratio Lower Upper

75 100

77 45.6 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 1.084 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039370.D

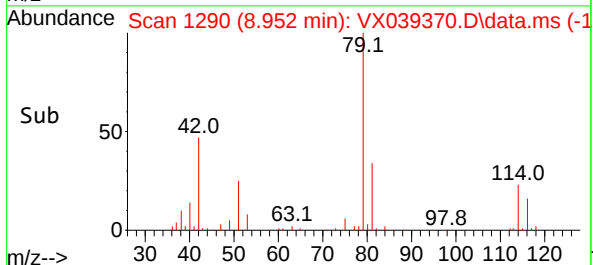
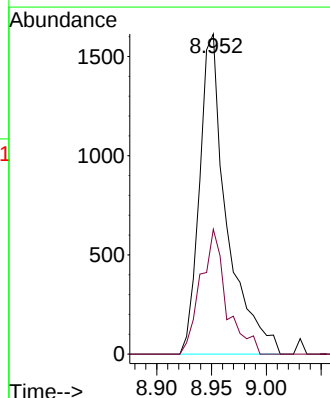
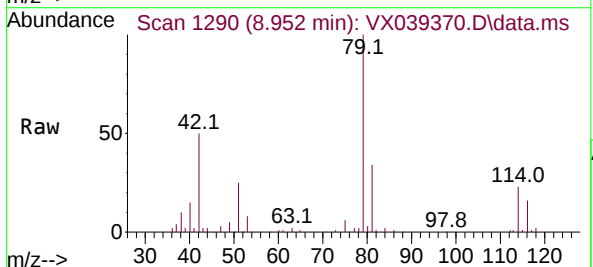
Acq: 19 Dec 2023 20:30

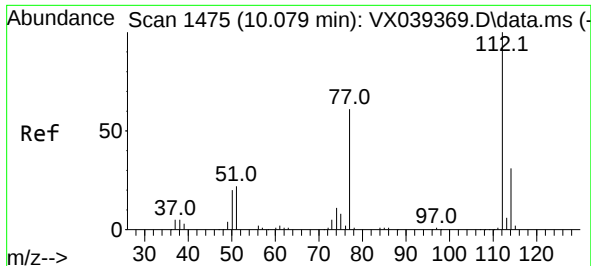
Tgt Ion: 75 Resp: 2783

Ion Ratio Lower Upper

75 100

77 39.0 22.0 40.8

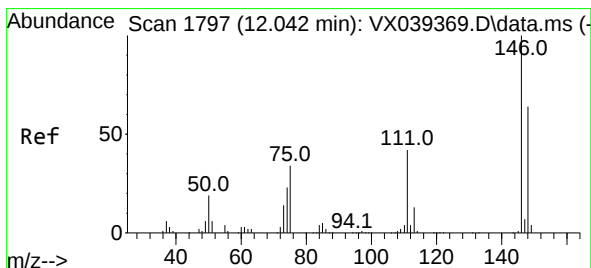
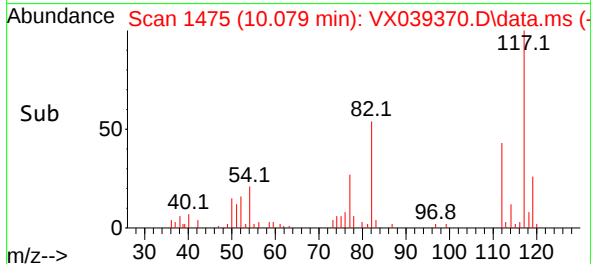
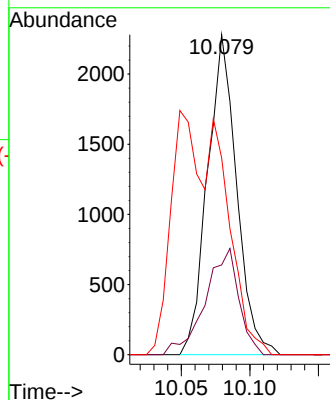
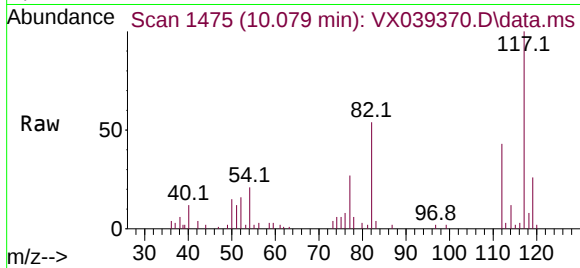




#51
Chlorobenzene
Concen: 0.824 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039370.D
Acq: 19 Dec 2023 20:30

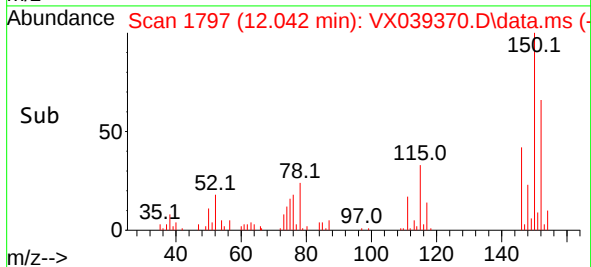
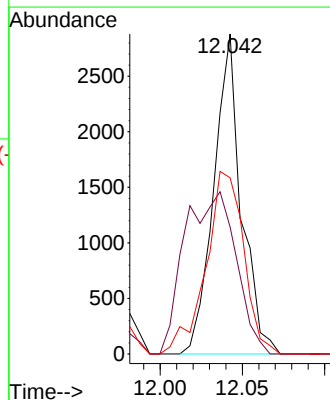
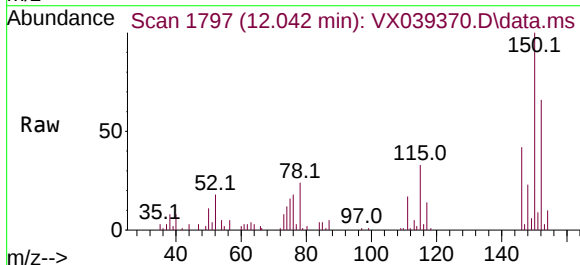
Instrument :
MSVOA_X
ClientSampleId :

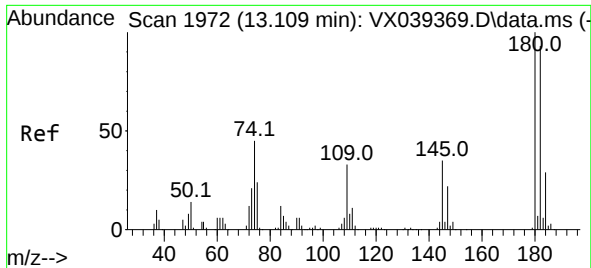
Tgt Ion:112 Resp: 3377
Ion Ratio Lower Upper
112 100
114 28.1 21.8 40.4
77 61.5 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 1.119 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039370.D
Acq: 19 Dec 2023 20:30

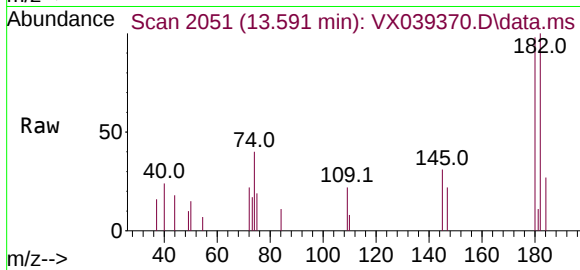
Tgt Ion:146 Resp: 3351
Ion Ratio Lower Upper
146 100
111 39.7 29.7 55.1
148 55.0 45.8 85.2



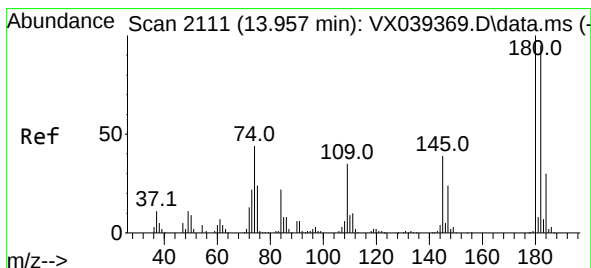
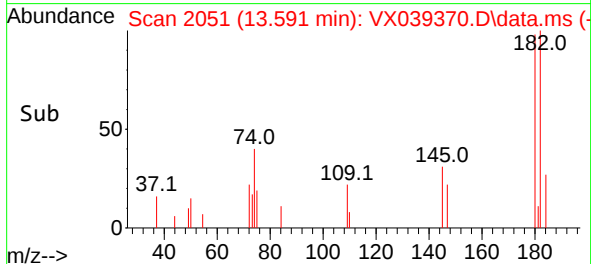
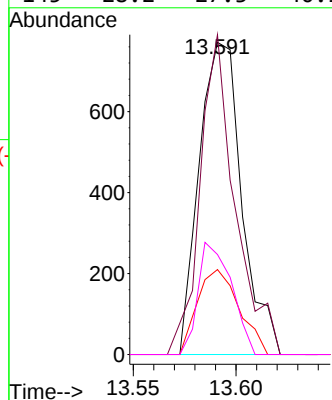


#69
 1,3,5-Trichlorobenzene
 Concen: 0.568 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.482 min
 Lab File: VX039370.D
 Acq: 19 Dec 2023 20:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 1110
 Ion Ratio Lower Upper
 180 100
 182 84.2 76.1 114.1
 184 26.8 24.1 36.1
 145 28.2 27.3 40.9



#72
 1,2,3-Trichlorobenzene
 Concen: 0.559 ug/L
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.006 min
 Lab File: VX039370.D
 Acq: 19 Dec 2023 20:30

Tgt Ion:180 Resp: 998
 Ion Ratio Lower Upper
 180 100
 182 89.1 75.9 113.9
 145 29.2 28.6 42.8

