

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039381.D
 Acq On : 20 Dec 2023 00:40
 Operator : JC/MD
 Sample : 05869-07 100X
 Misc : 4.22g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 02:22:59 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)

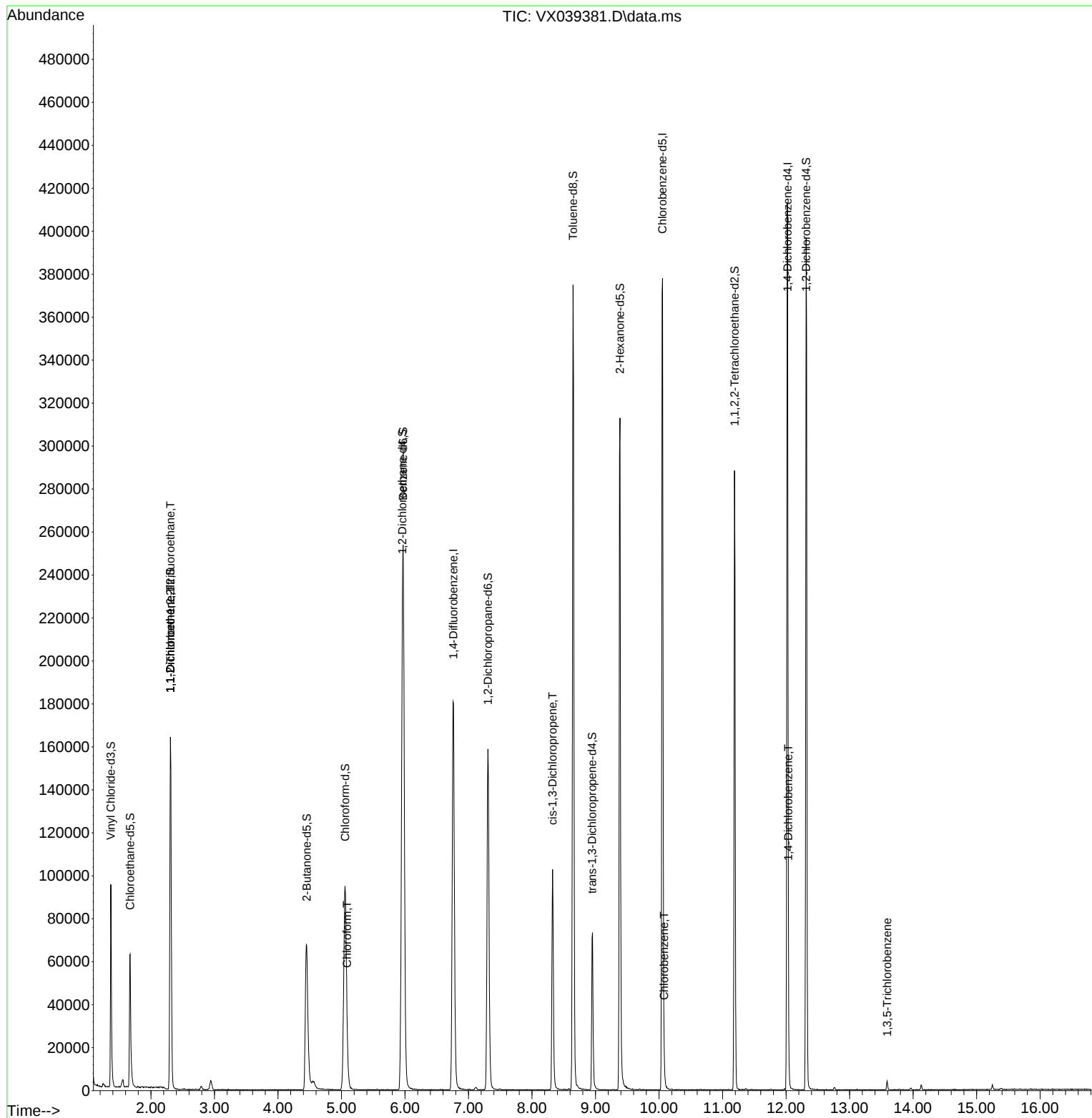
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	176516	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	164413	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78215	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	62457	45.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.220%
7) Chloroethane-d5	1.672	69	47616	46.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.060%
11) 1,1-Dichloroethene-d2	2.306	65	30028	49.409	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.820%
21) 2-Butanone-d5	4.452	46	123596	98.621	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.620%
24) Chloroform-d	5.056	84	118502	48.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.700%
26) 1,2-Dichloroethane-d4	5.958	65	85168	53.657	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.320%
32) Benzene-d6	5.970	84	245877	48.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.920%
36) 1,2-Dichloropropane-d6	7.305	67	79981	48.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	8.647	98	214901	46.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.460%
43) trans-1,3-Dichloroprop...	8.945	79	34418	41.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.840%
47) 2-Hexanone-d5	9.384	63	87638	89.857	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.860%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	110453	47.681	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.360%
66) 1,2-Dichlorobenzene-d4	12.317	152	72315	48.914	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.820%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	886	0.733	ug/L #	25
12) 1,1-Dichloroethene	2.306	96	675	0.594	ug/L #	1
25) Chloroform	5.086	83	5474	2.317	ug/L	97
39) cis-1,3-Dichloropropene	8.324	75	2728	1.180	ug/L #	67
51) Chlorobenzene	10.079	112	3771	1.102	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	1899	0.766	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.591	180	997	0.616	ug/L #	95

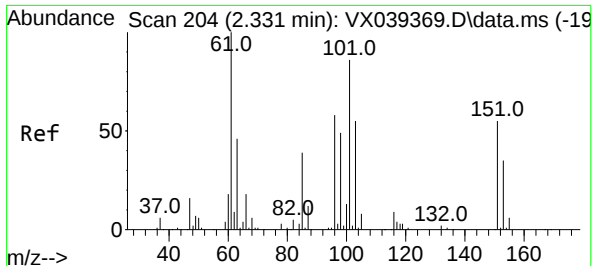
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 02:22:59 2023
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: 0.733 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.024 min

Lab File: VX039381.D

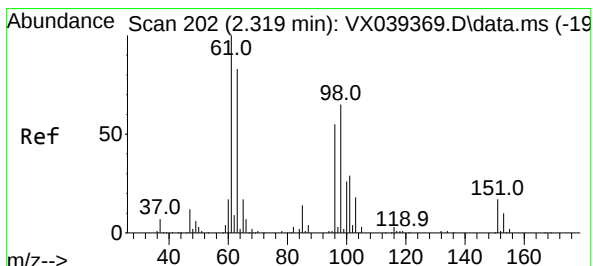
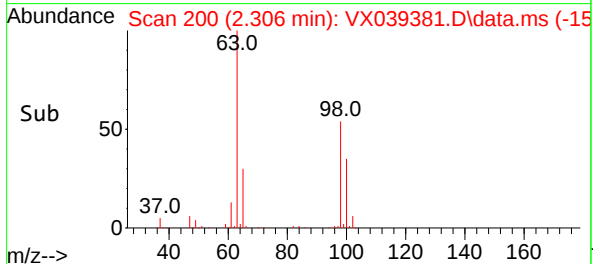
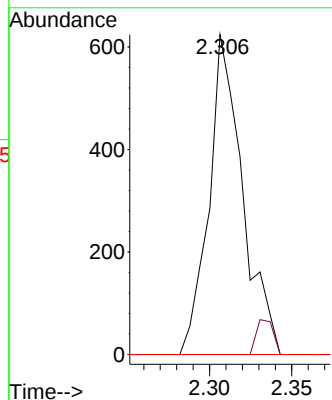
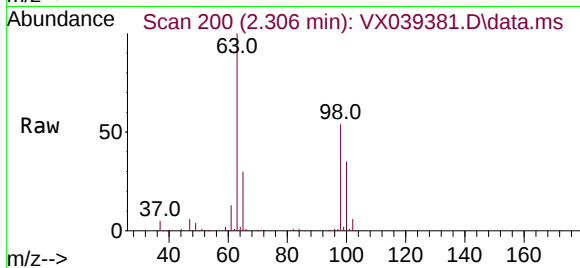
Acq: 20 Dec 2023 00:40

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	101	Resp:	886
Ion	Ratio	Lower	Upper
101	100		
85	5.4	35.8	53.6#
151	0.0	55.4	83.2#



#12

1,1-Dichloroethene

Concen: 0.594 ug/L

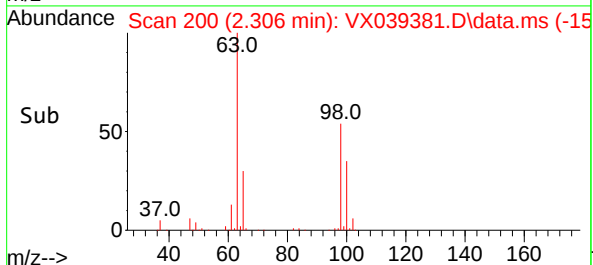
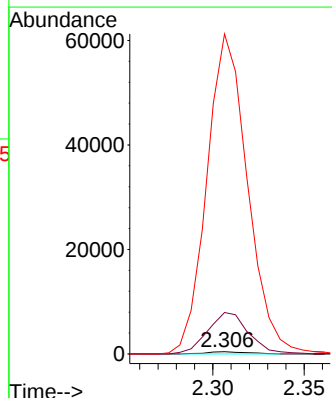
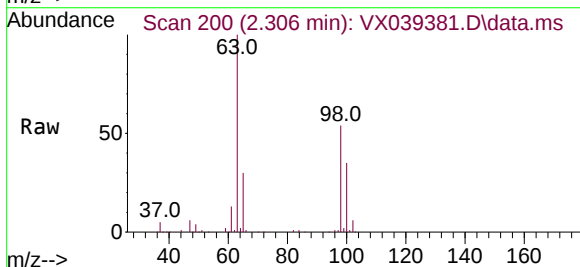
RT: 2.306 min Scan# 200

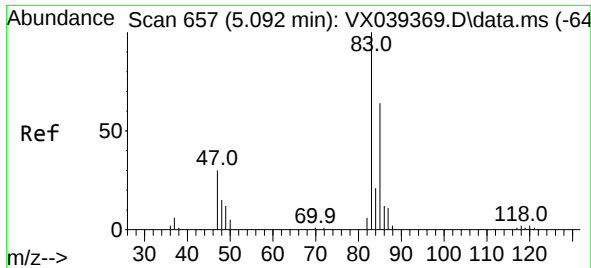
Delta R.T. -0.012 min

Lab File: VX039381.D

Acq: 20 Dec 2023 00:40

Tgt Ion:	96	Resp:	675
Ion	Ratio	Lower	Upper
96	100		
61	1823.2	128.0	237.6#
63	14078.2	101.5	188.5#

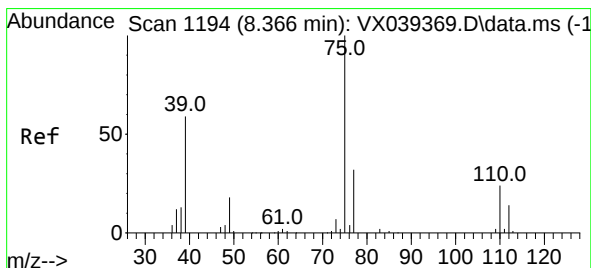
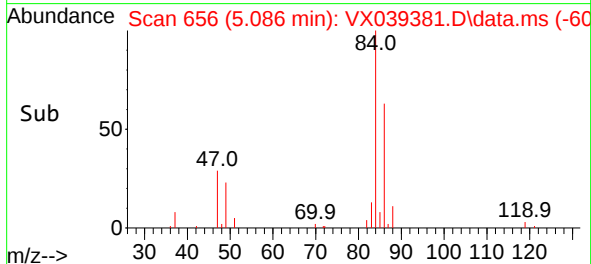
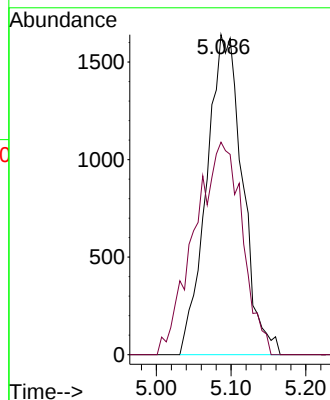
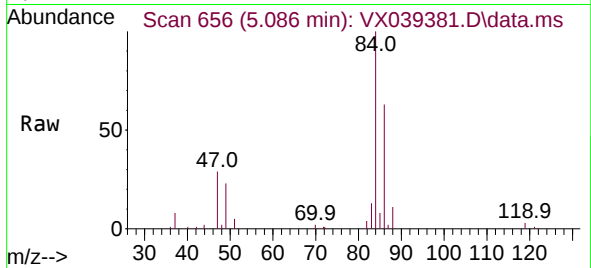




#25
Chloroform
Concen: 2.317 ug/L
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039381.D
Acq: 20 Dec 2023 00:40

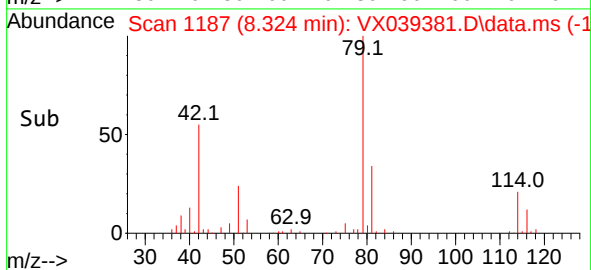
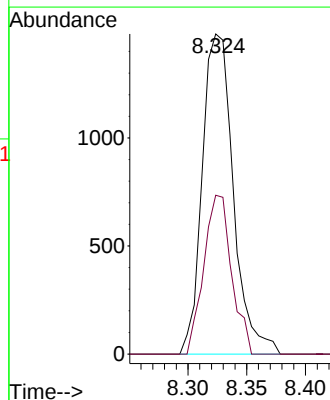
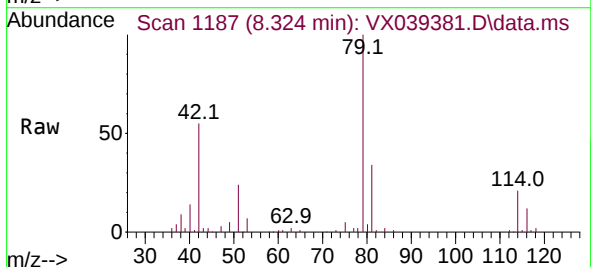
Instrument :
MSVOA_X
ClientSampleId :

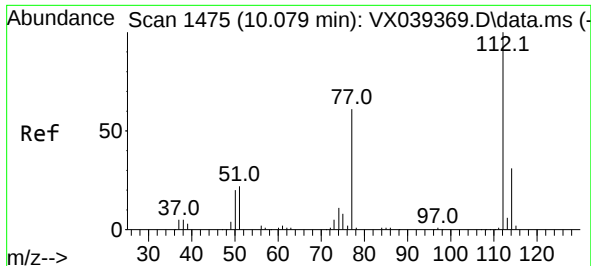
Tgt Ion: 83 Resp: 5474
Ion Ratio Lower Upper
83 100
85 66.4 45.1 83.7



#39
cis-1,3-Dichloropropene
Concen: 1.180 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX039381.D
Acq: 20 Dec 2023 00:40

Tgt Ion: 75 Resp: 2728
Ion Ratio Lower Upper
75 100
77 49.6 22.0 40.8#

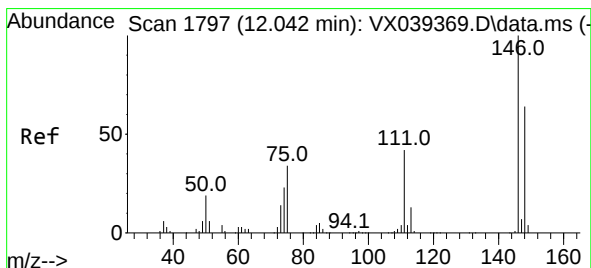
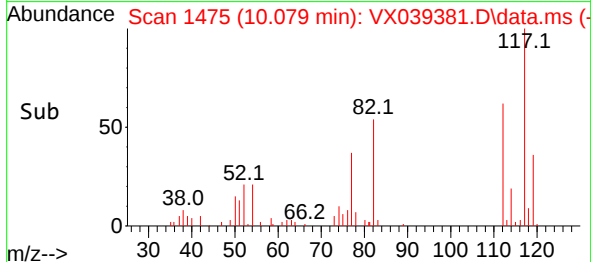
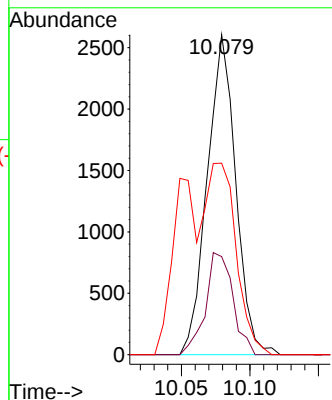
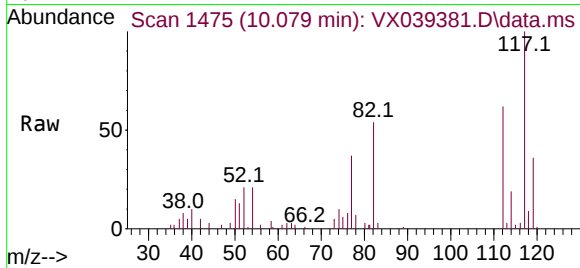




#51
Chlorobenzene
Concen: 1.102 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039381.D
Acq: 20 Dec 2023 00:40

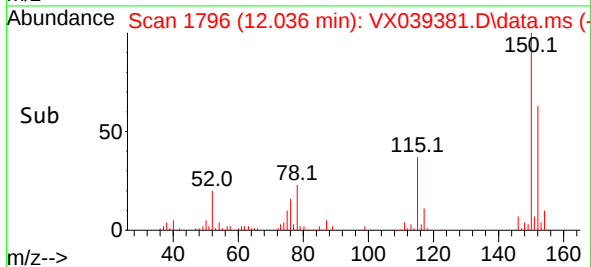
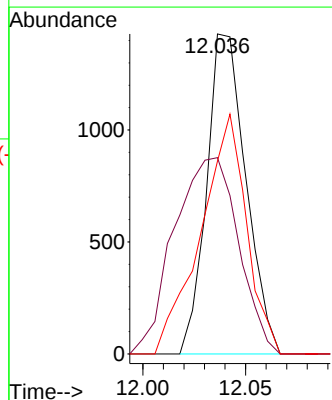
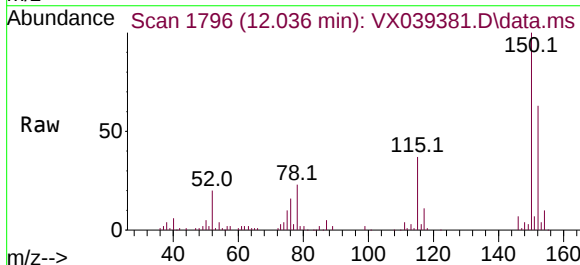
Instrument :
MSVOA_X
ClientSampleId :

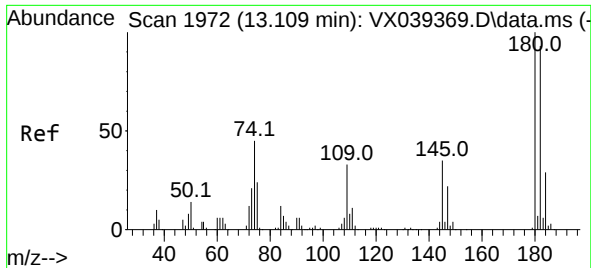
Tgt Ion:112 Resp: 3771
Ion Ratio Lower Upper
112 100
114 30.7 21.8 40.4
77 59.9 49.0 73.6



#65
1,4-Dichlorobenzene
Concen: 0.766 ug/L
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX039381.D
Acq: 20 Dec 2023 00:40

Tgt Ion:146 Resp: 1899
Ion Ratio Lower Upper
146 100
111 61.4 29.7 55.1#
148 60.3 45.8 85.2





#69

1,3,5-Trichlorobenzene

Concen: 0.616 ug/L

RT: 13.591 min Scan# 20

Delta R.T. 0.482 min

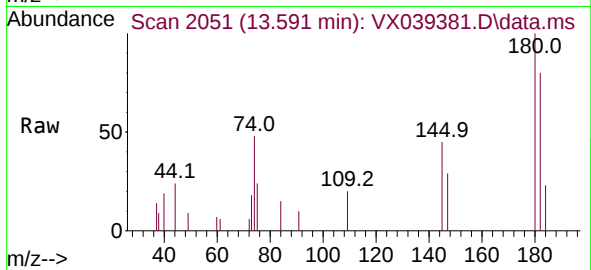
Lab File: VX039381.D

Acq: 20 Dec 2023 00:40

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 997

Ion Ratio Lower Upper

180 100

182 97.3 76.1 114.1

184 30.6 24.1 36.1

145 43.2 27.3 40.9#

