

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039359.D
 Acq On : 19 Dec 2023 16:19
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:06:43 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)

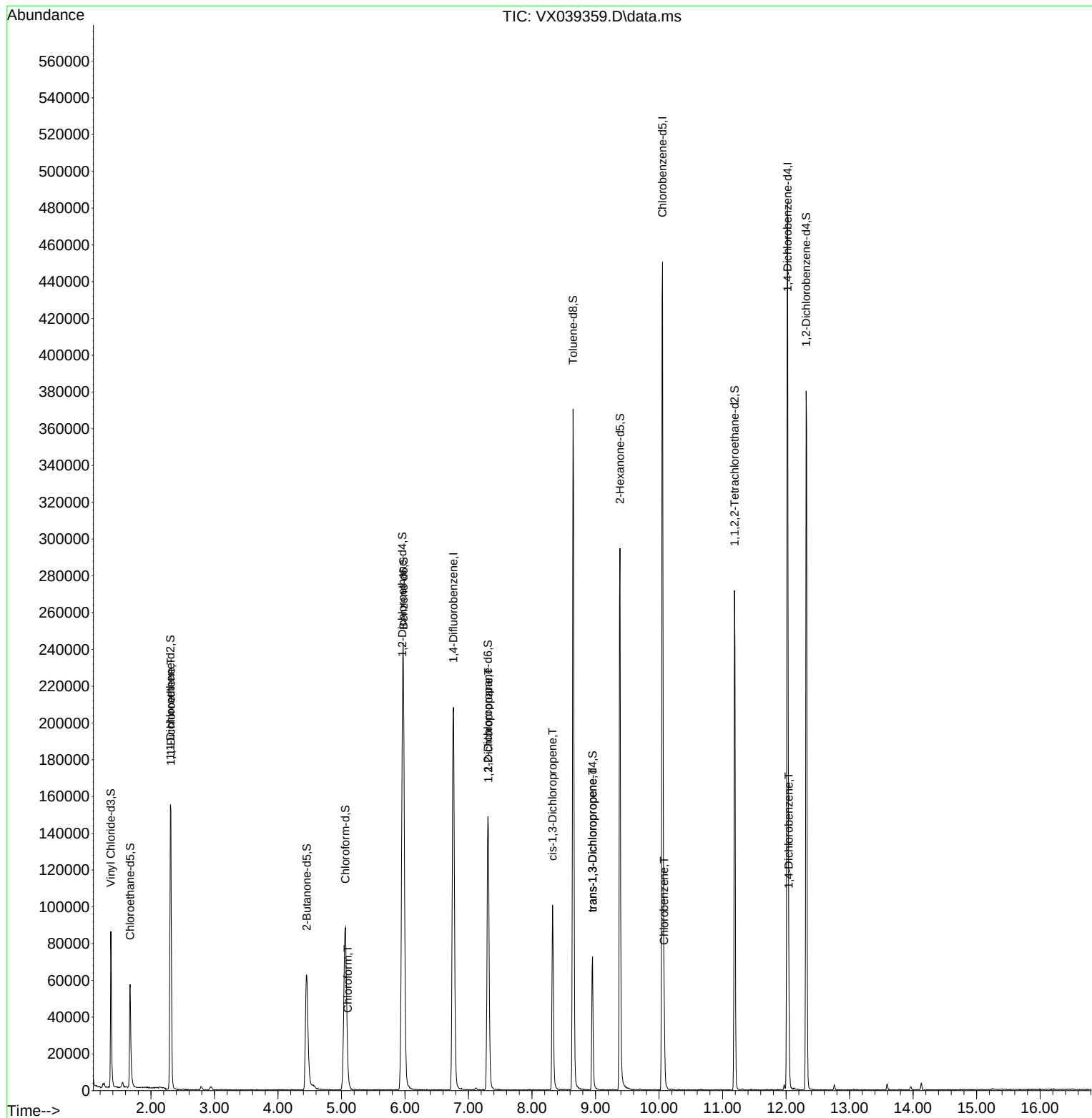
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	204516	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	190427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92320	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	57275	35.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.420%
7) Chloroethane-d5	1.672	69	44070	37.169	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.340%
11) 1,1-Dichloroethene-d2	2.306	65	29070	41.284	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.560%
21) 2-Butanone-d5	4.452	46	114973	79.180	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.180%
24) Chloroform-d	5.062	84	111527	39.275	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.540%
26) 1,2-Dichloroethane-d4	5.958	65	81749	44.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.900%
32) Benzene-d6	5.976	84	238908	40.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.300%
36) 1,2-Dichloropropane-d6	7.305	67	76754	40.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.160%
41) Toluene-d8	8.647	98	208013	39.057	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.120%#
43) trans-1,3-Dichloroprop...	8.951	79	32623	33.895	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.800%
47) 2-Hexanone-d5	9.384	63	82265	72.825	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	72.820%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	104092	38.797	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.600%
66) 1,2-Dichlorobenzene-d4	12.317	152	71202	40.803	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	689	0.523	ug/L #	1
25) Chloroform	5.098	83	4865	1.777	ug/L	99
37) 1,2-Dichloropropane	7.311	63	9410	5.607	ug/L #	89
39) cis-1,3-Dichloropropene	8.323	75	2713	1.014	ug/L	100
44) trans-1,3-Dichloropropene	8.951	75	1790	0.721	ug/L	89
51) Chlorobenzene	10.079	112	17869	4.508	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	16958	5.796	ug/L	97

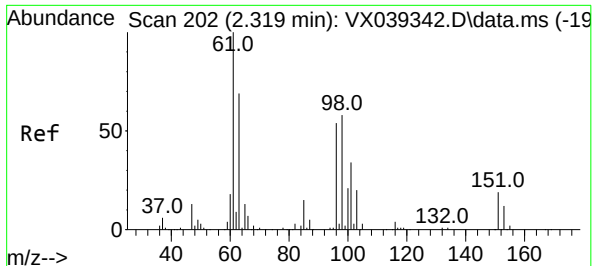
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039359.D
Acq On : 19 Dec 2023 16:19
Operator : JC/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 19 22:06:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.523 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039359.D

Acq: 19 Dec 2023 16:19

Instrument :

MSVOA_X

ClientSampleId :

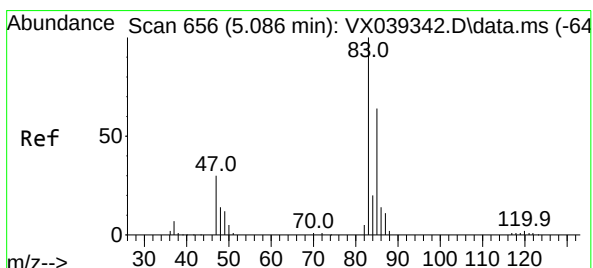
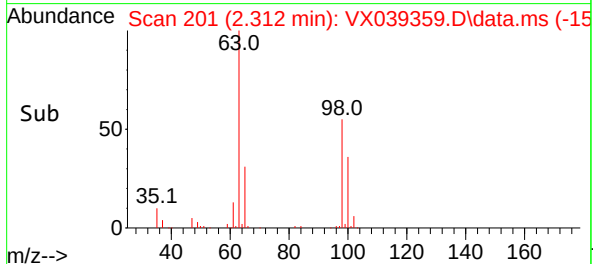
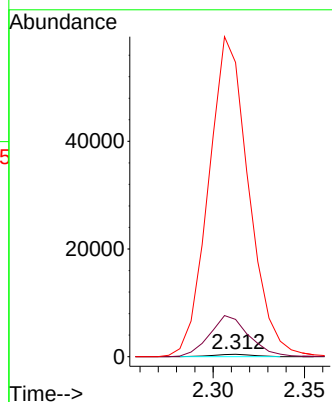
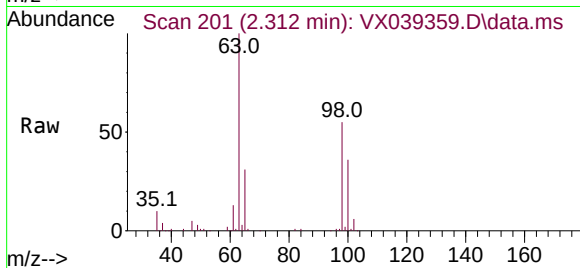
Tgt Ion: 96 Resp: 689

Ion Ratio Lower Upper

96 100

61 1516.6 128.0 237.6#

63 11956.2 101.5 188.5#



#25

Chloroform

Concen: 1.777 ug/L

RT: 5.098 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX039359.D

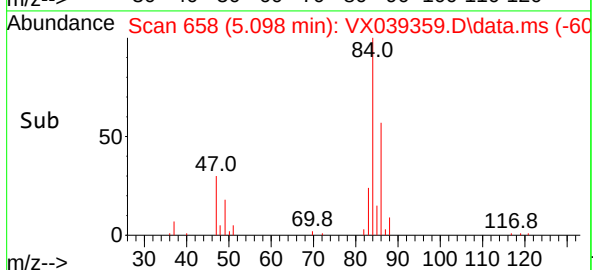
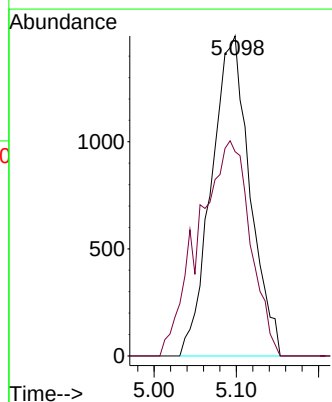
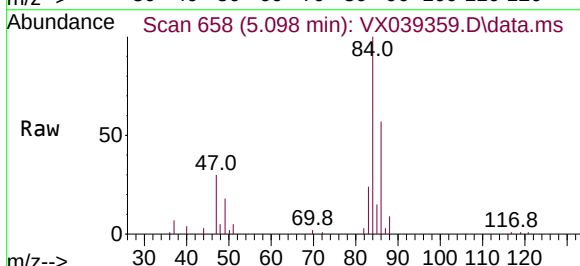
Acq: 19 Dec 2023 16:19

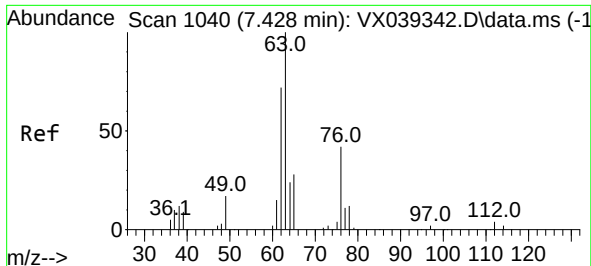
Tgt Ion: 83 Resp: 4865

Ion Ratio Lower Upper

83 100

85 63.9 45.1 83.7





#37

1,2-Dichloropropane

Concen: 5.607 ug/L

RT: 7.311 min Scan# 1187

Delta R.T. -0.116 min

Lab File: VX039359.D

Acq: 19 Dec 2023 16:19

Instrument :

MSVOA_X

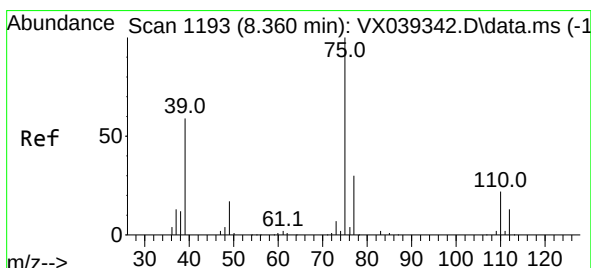
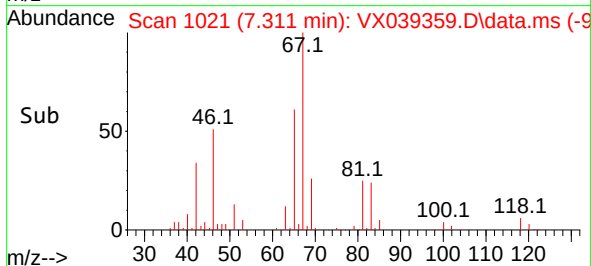
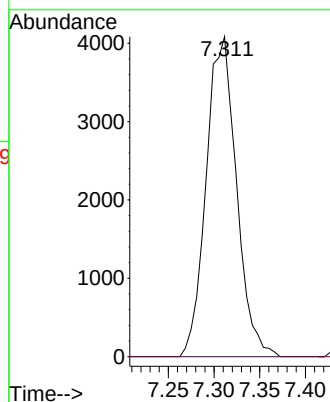
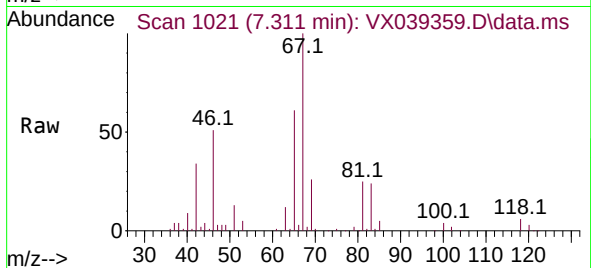
ClientSampleId :

Tgt Ion: 63 Resp: 9410

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#



#39

cis-1,3-Dichloropropene

Concen: 1.014 ug/L

RT: 8.323 min Scan# 1187

Delta R.T. -0.037 min

Lab File: VX039359.D

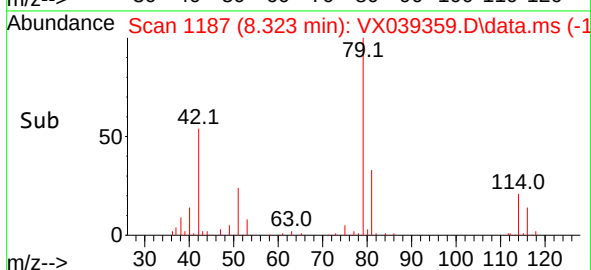
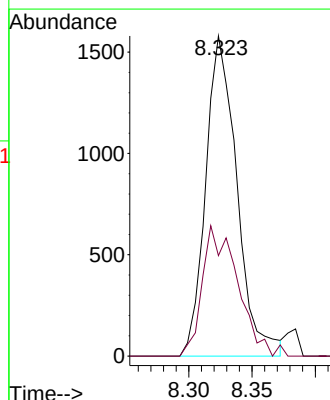
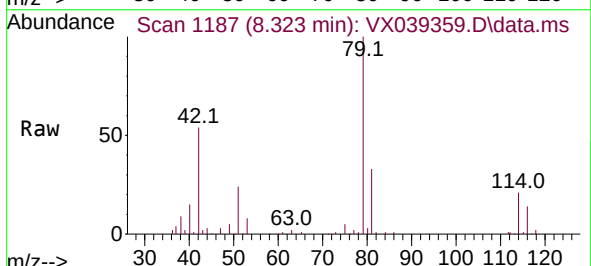
Acq: 19 Dec 2023 16:19

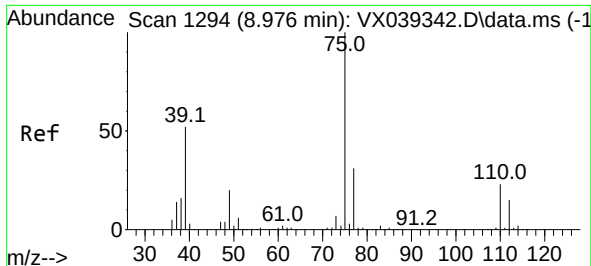
Tgt Ion: 75 Resp: 2713

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8

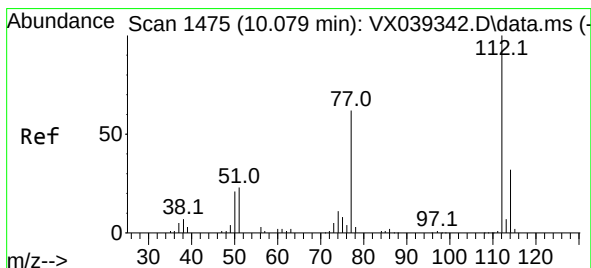
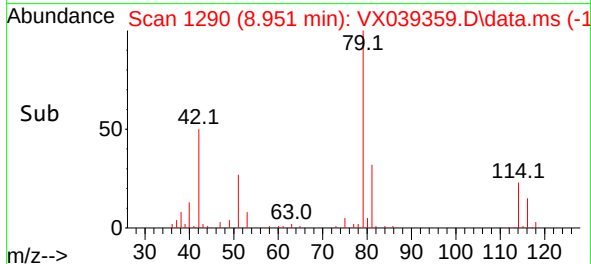
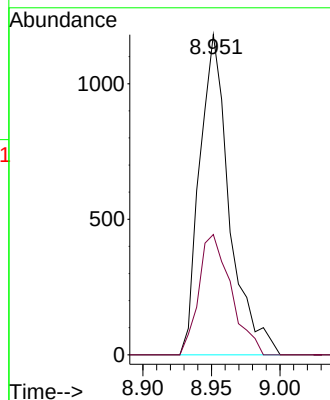
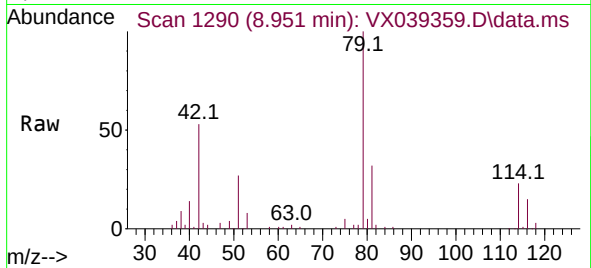




#44
trans-1,3-Dichloropropene
Concen: 0.721 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX039359.D
Acq: 19 Dec 2023 16:19

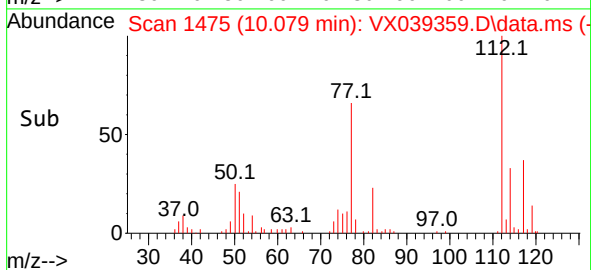
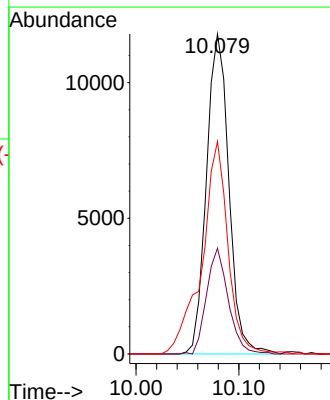
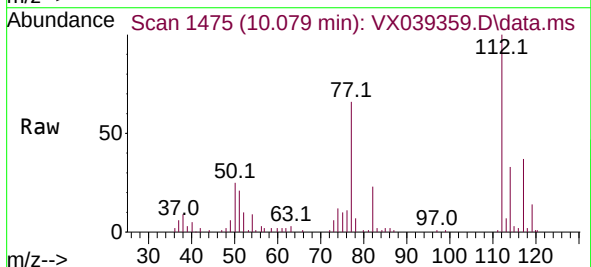
Instrument :
MSVOA_X
ClientSampleId :

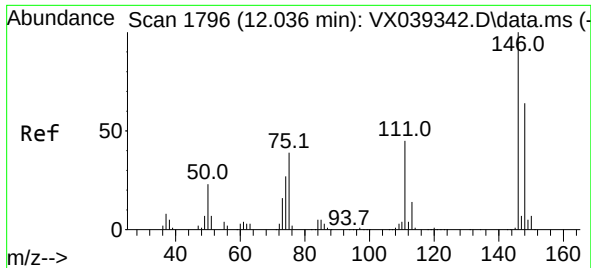
Tgt Ion: 75 Resp: 1790
Ion Ratio Lower Upper
75 100
77 37.6 22.0 40.8



#51
Chlorobenzene
Concen: 4.508 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039359.D
Acq: 19 Dec 2023 16:19

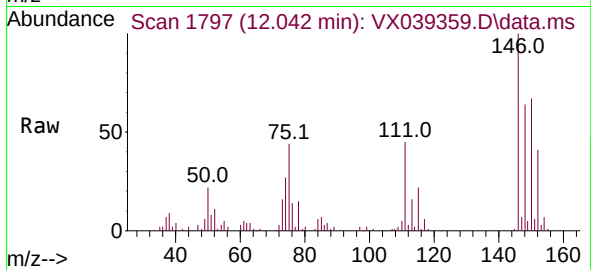
Tgt Ion: 112 Resp: 17869
Ion Ratio Lower Upper
112 100
114 33.1 21.8 40.4
77 66.4 49.0 73.6





#65
1,4-Dichlorobenzene
Concen: 5.796 ug/L
RT: 12.042 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039359.D
Acq: 19 Dec 2023 16:19

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	Ratio	Lower	Upper
146	100		
111	45.3	29.7	55.1
148	64.3	45.8	85.2

