

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122023\
 Data File : VX039397.D
 Acq On : 20 Dec 2023 13:34
 Operator : JC/MD
 Sample : 05835-16DL 5X
 Misc : 4.62g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 21 00:25:40 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)

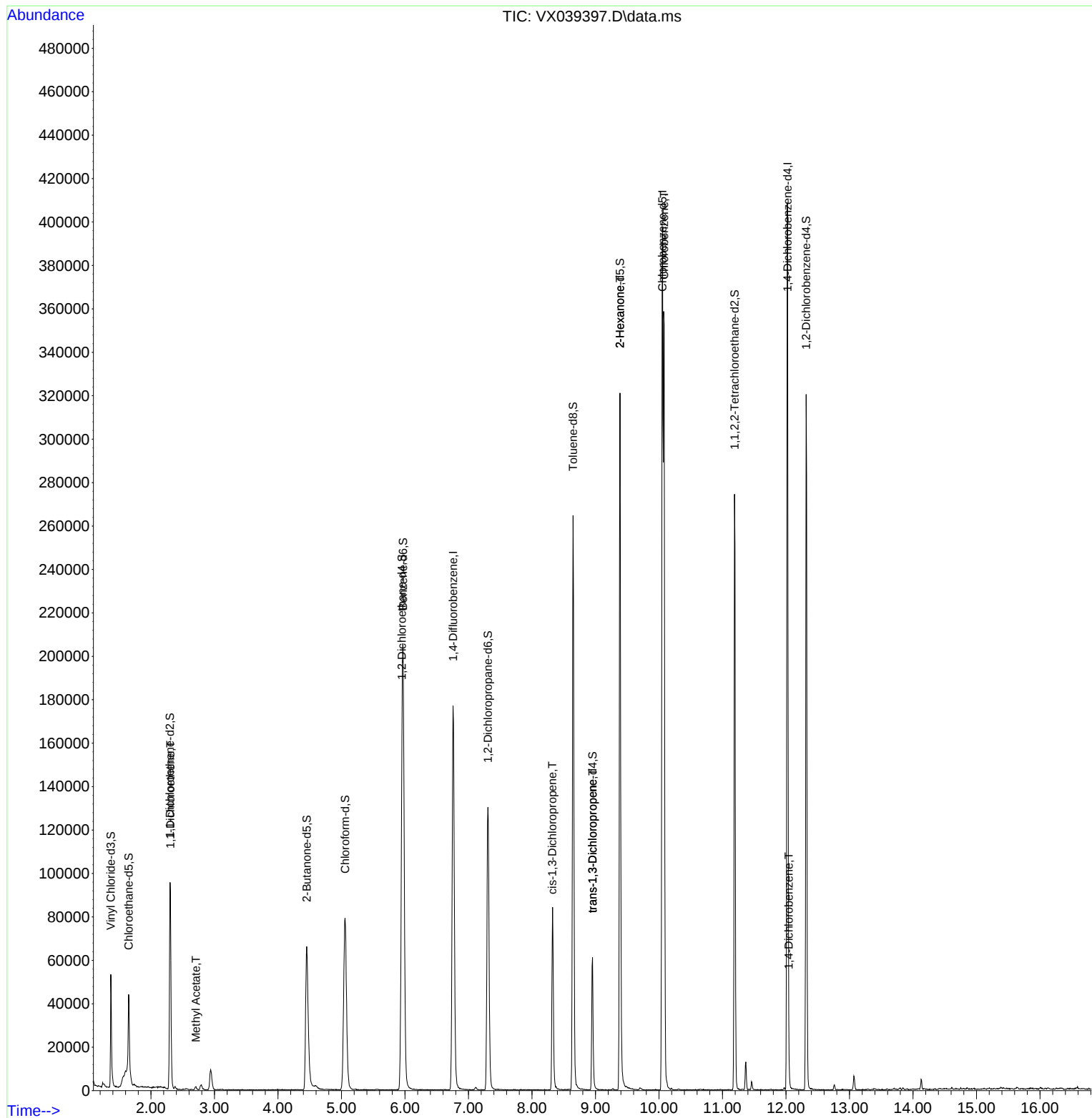
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	170980	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	163445	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77558	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	35736	26.647	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	53.300%#
7) Chloroethane-d5	1.648	69	31460	31.738	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.480%#
11) 1,1-Dichloroethene-d2	2.300	65	18073	30.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.400%
21) 2-Butanone-d5	4.453	46	119904	98.773	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.770%
24) Chloroform-d	5.056	84	99799	42.038	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.080%
26) 1,2-Dichloroethane-d4	5.952	65	79411	51.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.300%
32) Benzene-d6	5.971	84	188199	37.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.620%
36) 1,2-Dichloropropane-d6	7.306	67	68333	42.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.180%
41) Toluene-d8	8.647	98	155015	33.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.820%#
43) trans-1,3-Dichloroprop...	8.952	79	28351	34.319	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.640%
47) 2-Hexanone-d5	9.385	63	89442	92.249	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.250%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	104305	45.294	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.580%
66) 1,2-Dichlorobenzene-d4	12.317	152	58547	39.937	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.880%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.307	96	473	0.429	ug/L #	1
15) Methyl Acetate	2.709	43	1731	1.038	ug/L	94
39) cis-1,3-Dichloropropene	8.318	75	2219	0.966	ug/L	84
44) trans-1,3-Dichloropropene	8.952	75	1491	0.699	ug/L	97
48) 2-Hexanone	9.385	43	11970	5.924	ug/L #	67
51) Chlorobenzene	10.080	112	141262	41.520	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	3106	1.264	ug/L	95

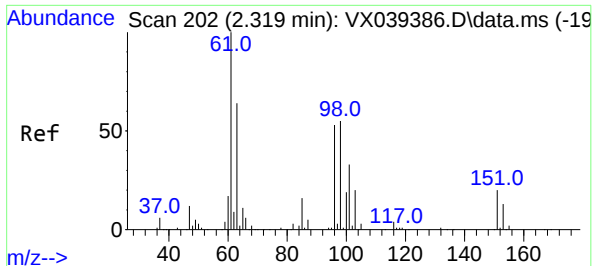
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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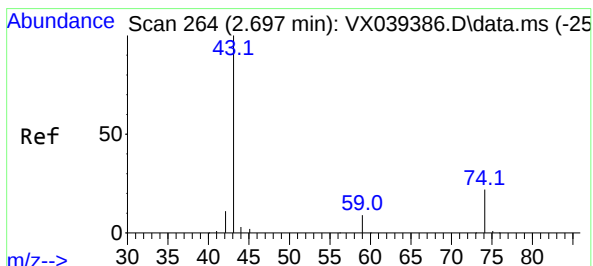
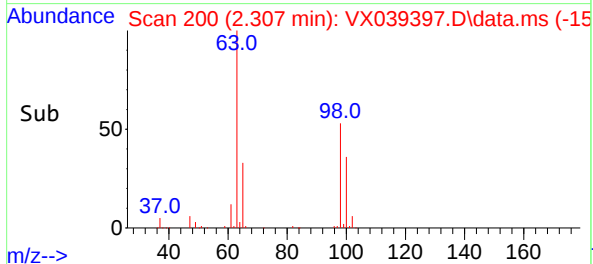
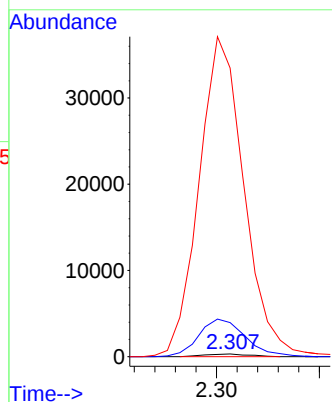
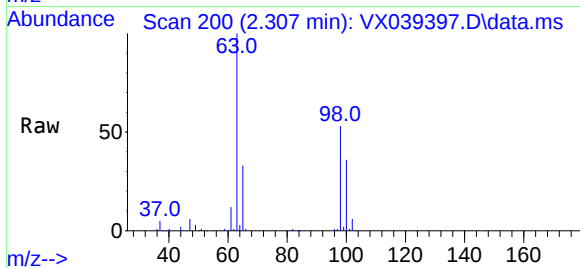




#12
1,1-Dichloroethene
Concen: 0.429 ug/L
RT: 2.307 min Scan# 20
Delta R.T. -0.012 min
Lab File: VX039397.D
Acq: 20 Dec 2023 13:34

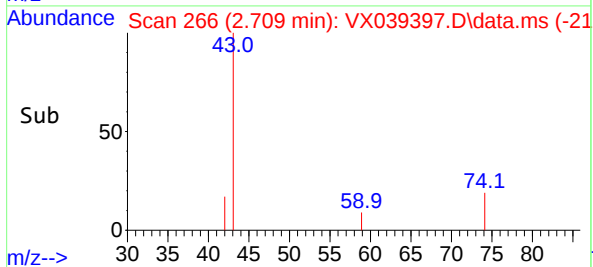
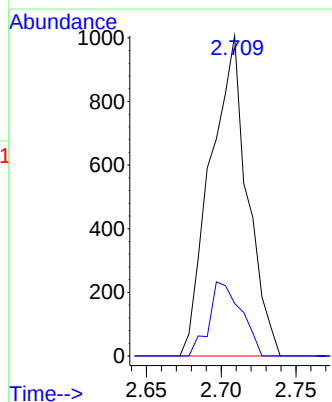
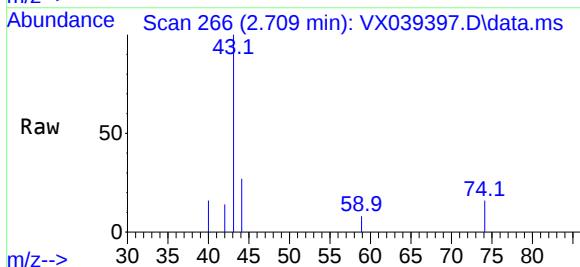
Instrument :
MSVOA_X
ClientSampleId :

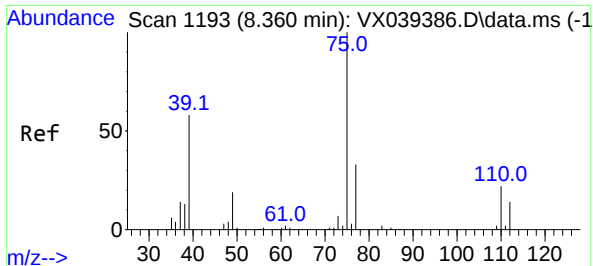
Tgt Ion: 96 Resp: 473
Ion Ratio Lower Upper
96 100
61 1219.1 128.0 237.6#
63 10333.3 101.5 188.5#



#15
Methyl Acetate
Concen: 1.038 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.012 min
Lab File: VX039397.D
Acq: 20 Dec 2023 13:34

Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
74 20.1 18.2 27.4





#39

cis-1,3-Dichloropropene

Concen: 0.966 ug/L

RT: 8.318 min Scan# 1193

Delta R.T. -0.049 min

Lab File: VX039397.D

Acq: 20 Dec 2023 13:34

Instrument :

MSVOA_X

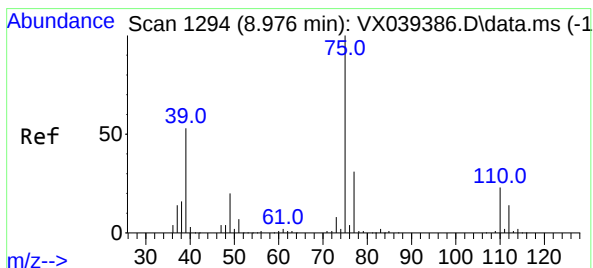
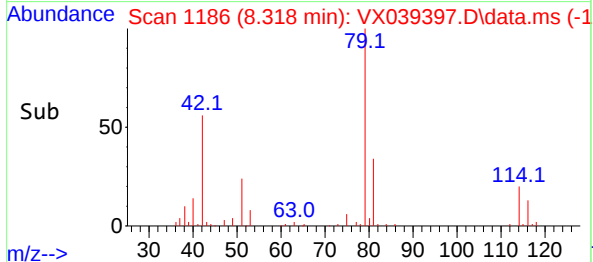
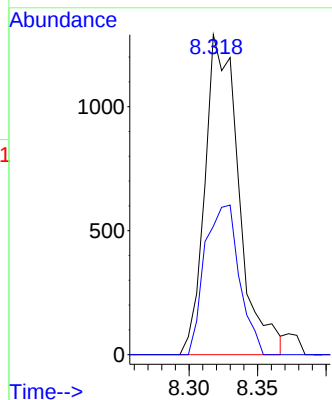
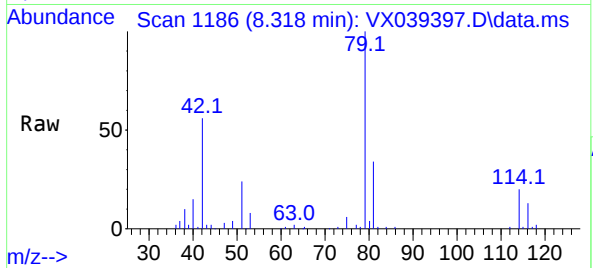
ClientSampleId :

Tgt Ion: 75 Resp: 2219

Ion Ratio Lower Upper

75 100

77 40.1 22.0 40.8



#44

trans-1,3-Dichloropropene

Concen: 0.699 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039397.D

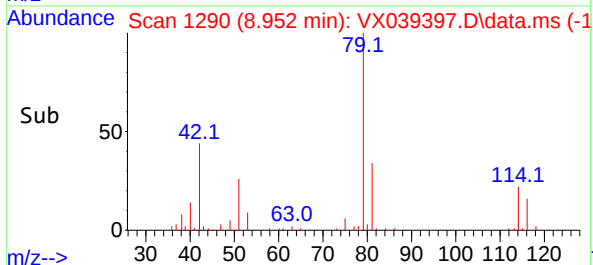
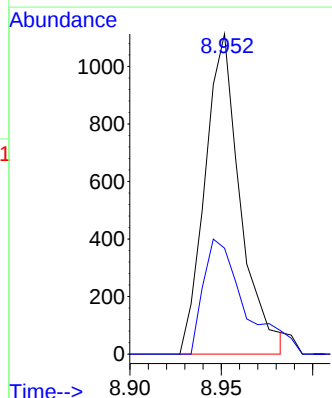
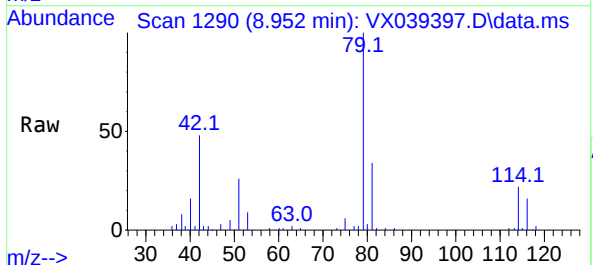
Acq: 20 Dec 2023 13:34

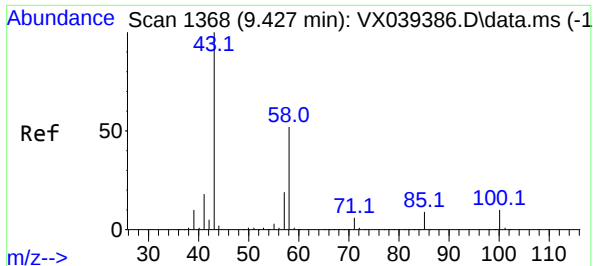
Tgt Ion: 75 Resp: 1491

Ion Ratio Lower Upper

75 100

77 33.1 22.0 40.8

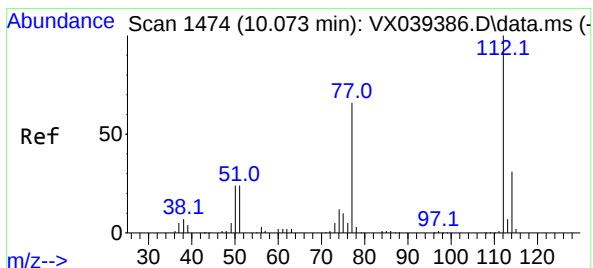
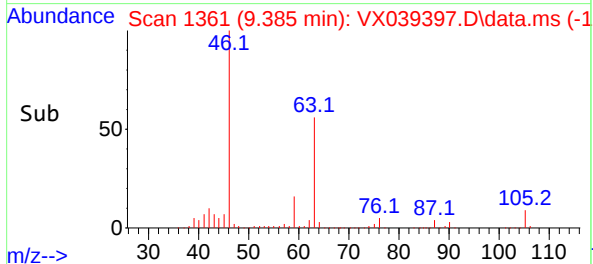
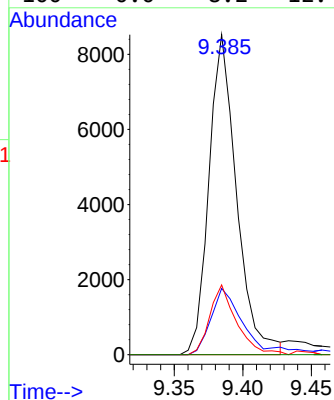
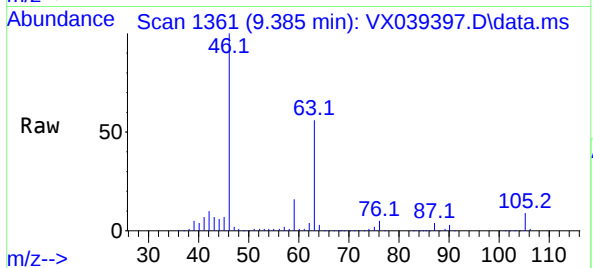




#48
2-Hexanone
Concen: 5.924 ug/L
RT: 9.385 min Scan# 11
Delta R.T. -0.042 min
Lab File: VX039397.D
Acq: 20 Dec 2023 13:34

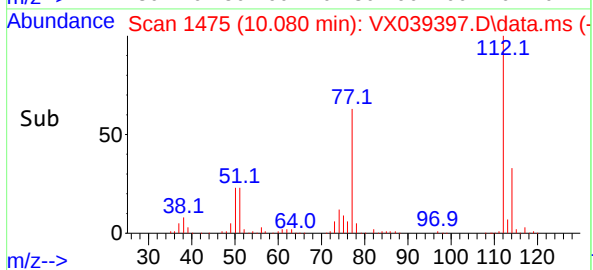
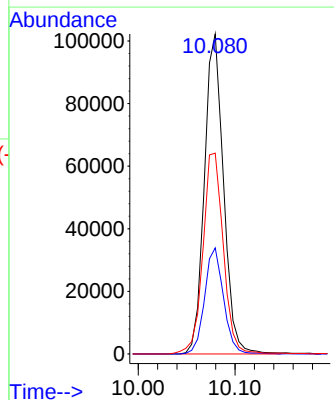
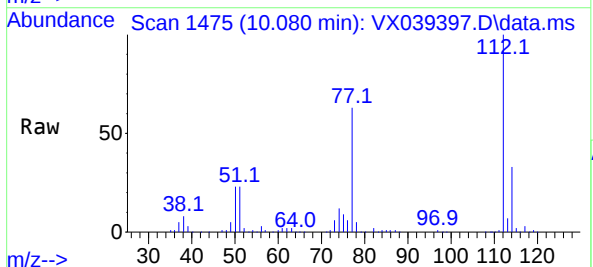
Instrument :
MSVOA_X
ClientSampleId :

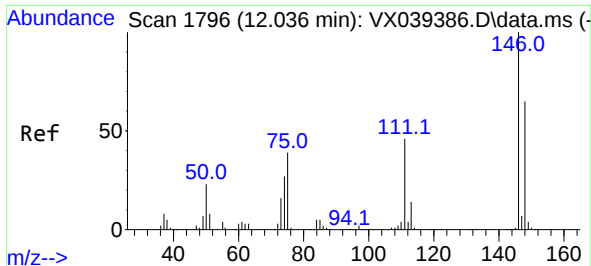
Tgt Ion: 43	Resp: 11970
Ion Ratio	Lower Upper
43 100	
58 22.3	43.0 64.6#
57 20.5	14.6 21.8
100 0.0	8.2 12.4#



#51
Chlorobenzene
Concen: 41.520 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039397.D
Acq: 20 Dec 2023 13:34

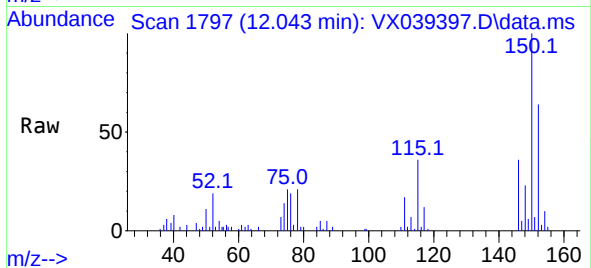
Tgt Ion:112	Resp: 141262		
Ion Ratio	Lower	Upper	
112 100			
114 33.2	21.8	40.4	
77 62.8	49.0	73.6	





#65
 1,4-Dichlorobenzene
 Concen: 1.264 ug/L
 RT: 12.043 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX039397.D
 Acq: 20 Dec 2023 13:34

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:146 Resp: 3106

Ion	Ratio	Lower	Upper
146	100		
111	46.6	29.7	55.1
148	62.6	45.8	85.2

