

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039349.D
 Acq On : 19 Dec 2023 12:31
 Operator : JC/MD
 Sample : 05835-11DL 10X
 Misc : 2.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 22:04:17 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)

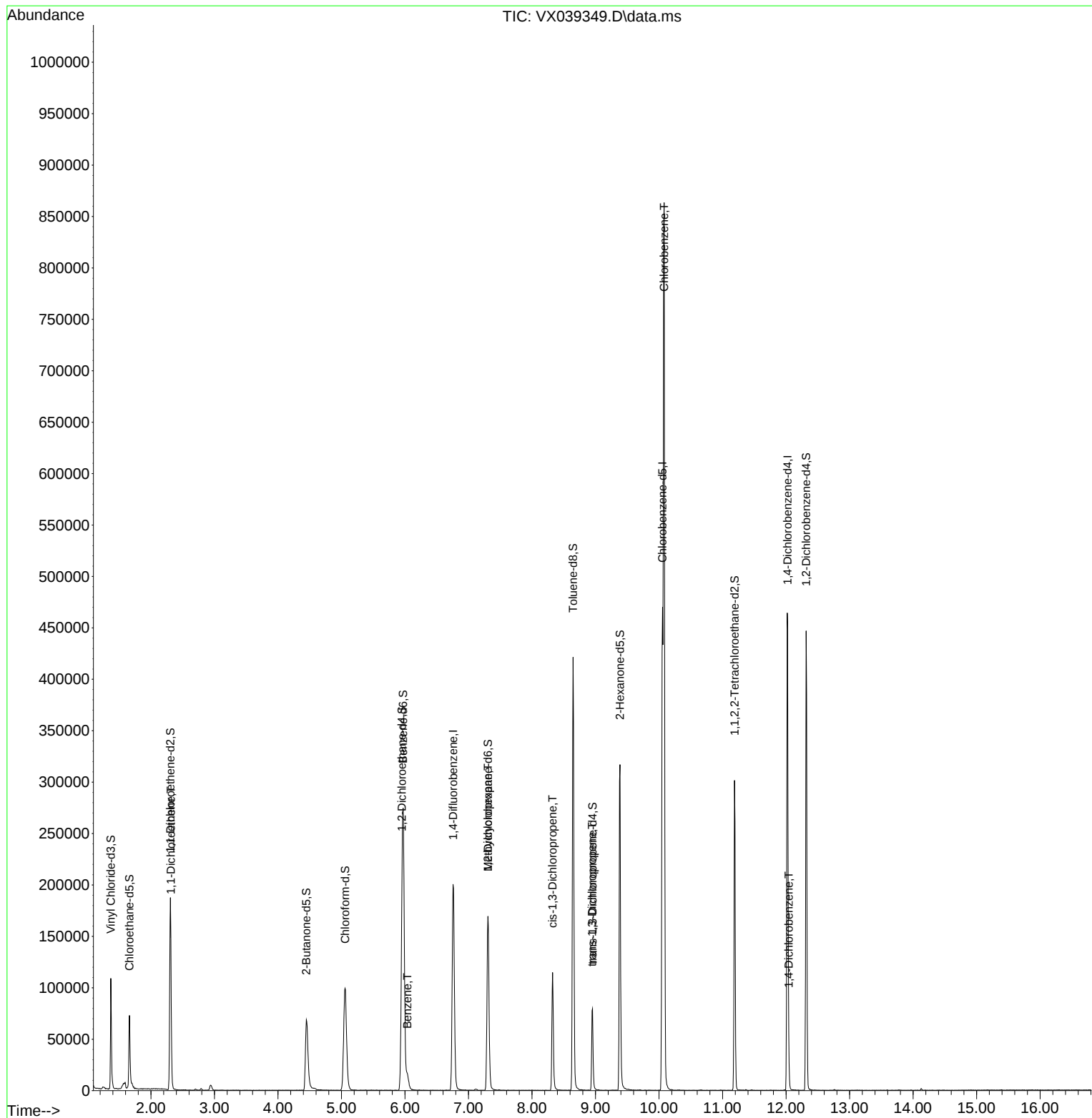
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	197673	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	182528	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	89758	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70532	45.492	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	90.980%	
7) Chloroethane-d5	1.660	69	48507	42.327	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	84.660%	
11) 1,1-Dichloroethene-d2	2.306	65	33763	49.609	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.220%	
21) 2-Butanone-d5	4.446	46	123996	88.351	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	88.350%	
24) Chloroform-d	5.056	84	128008	46.639	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.280%	
26) 1,2-Dichloroethane-d4	5.952	65	90270	50.785	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.560%	
32) Benzene-d6	5.970	84	269832	47.900	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.800%	
36) 1,2-Dichloropropane-d6	7.306	67	86463	47.694	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	95.380%	
41) Toluene-d8	8.647	98	241072	47.223	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.440%	
43) trans-1,3-Dichloroprop...	8.952	79	38217	41.426	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	82.860%	
47) 2-Hexanone-d5	9.384	63	89232	82.411	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	82.410%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	115464	44.898	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.800%	
66) 1,2-Dichlorobenzene-d4	12.317	152	81112	47.809	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.620%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	891	0.700	ug/L #	1
33) Benzene	6.038	78	16472	2.840	ug/L	100
35) Methylcyclohexane	7.306	83	19624	7.686	ug/L #	18
39) cis-1,3-Dichloropropene	8.324	75	3205	1.249	ug/L	91
44) trans-1,3-Dichloropropene	8.946	75	2036	0.855	ug/L	85
51) Chlorobenzene	10.079	112	355813	93.648	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	9089	3.195	ug/L	97

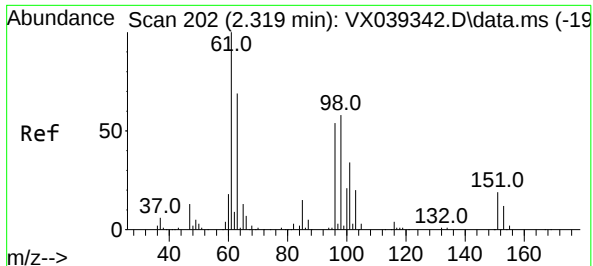
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 22:04:17 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: 0.700 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX039349.D

Acq: 19 Dec 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

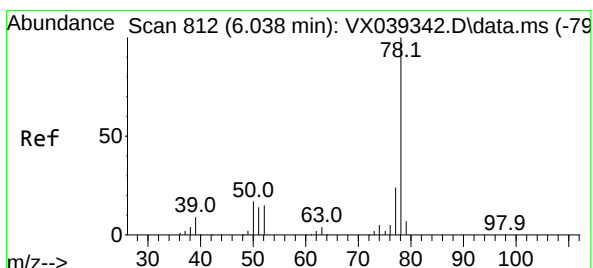
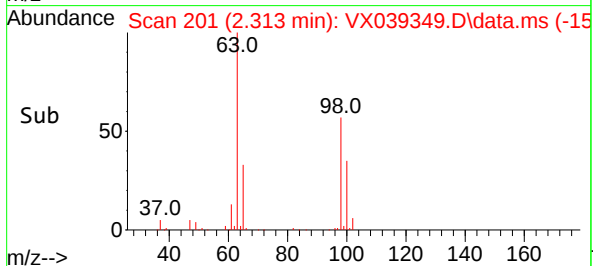
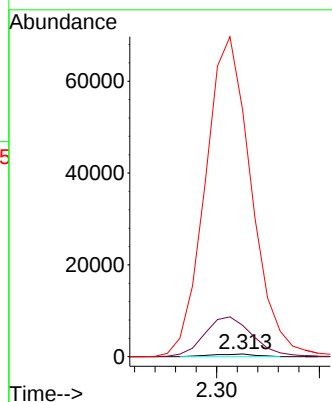
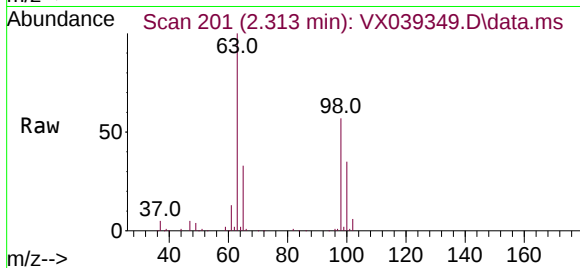
Tgt Ion: 96 Resp: 891

Ion Ratio Lower Upper

96 100

61 1161.7 128.0 237.6#

63 9144.2 101.5 188.5#



#33

Benzene

Concen: 2.840 ug/L

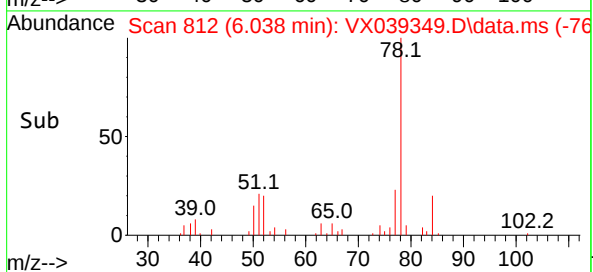
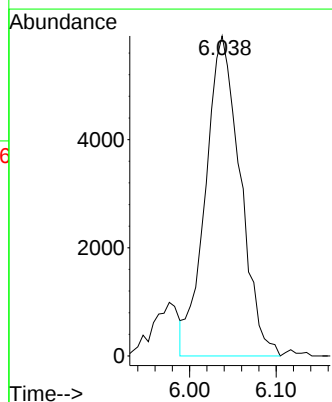
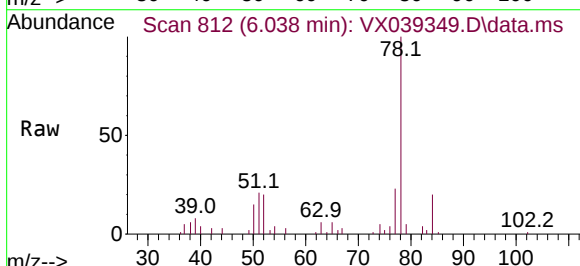
RT: 6.038 min Scan# 812

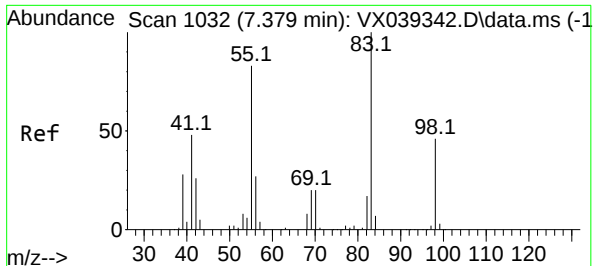
Delta R.T. 0.000 min

Lab File: VX039349.D

Acq: 19 Dec 2023 12:31

Tgt Ion: 78 Resp: 16472





#35

Methylcyclohexane

Concen: 7.686 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.073 min

Lab File: VX039349.D

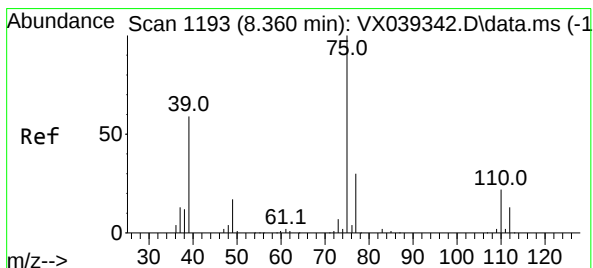
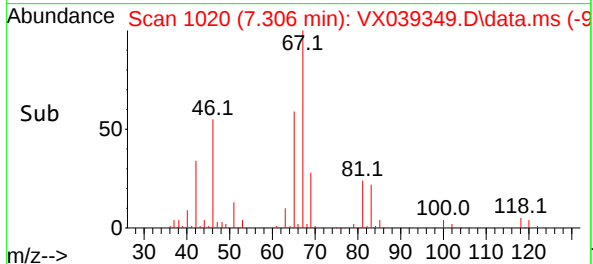
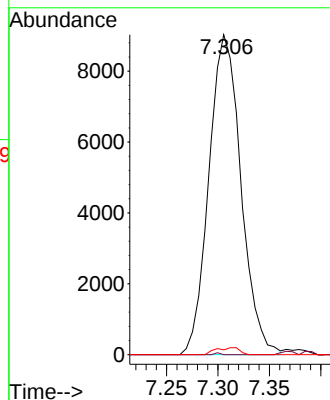
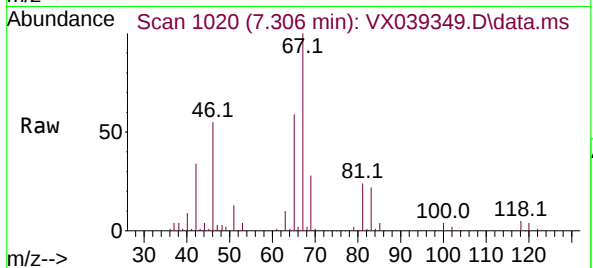
Acq: 19 Dec 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 83	Resp: 19624
Ion Ratio	Lower Upper
83 100	
55 0.0	62.5 93.7#
98 0.8	36.1 54.1#



#39

cis-1,3-Dichloropropene

Concen: 1.249 ug/L

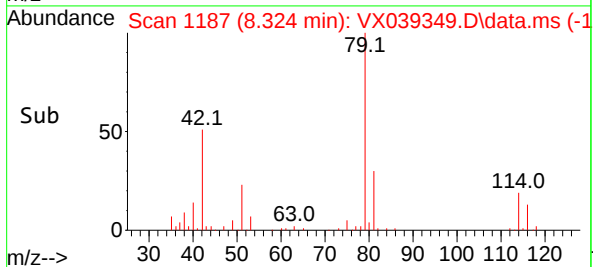
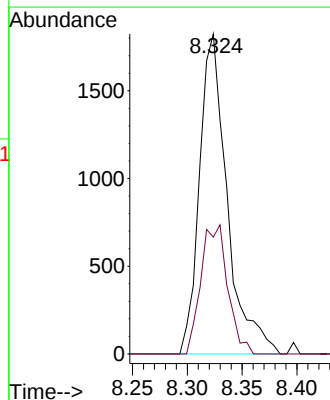
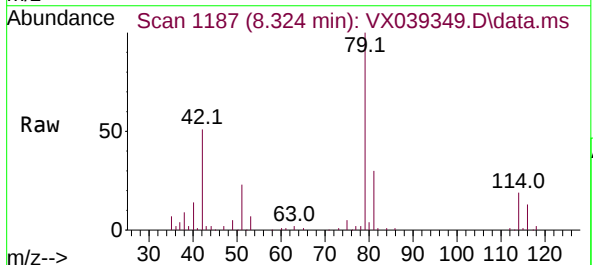
RT: 8.324 min Scan# 1187

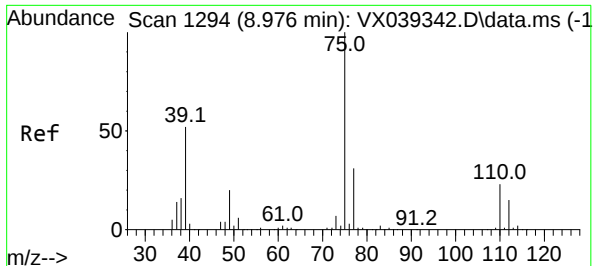
Delta R.T. -0.037 min

Lab File: VX039349.D

Acq: 19 Dec 2023 12:31

Tgt Ion: 75	Resp: 3205
Ion Ratio	Lower Upper
75 100	
77 36.5	22.0 40.8

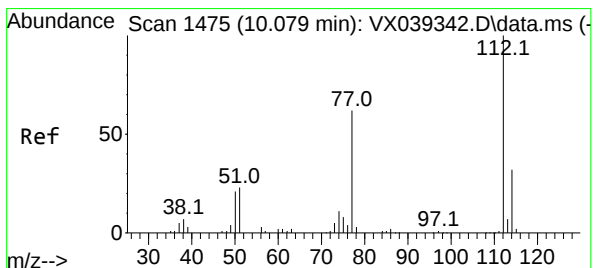
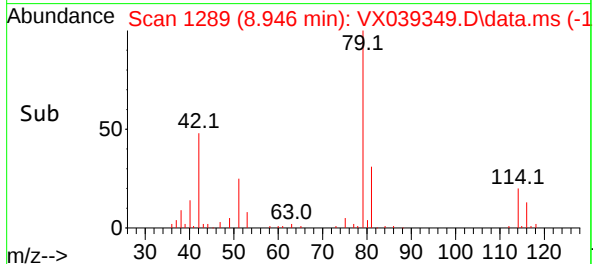
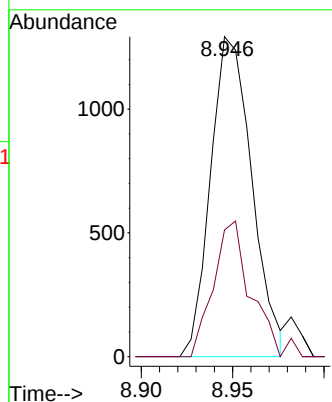
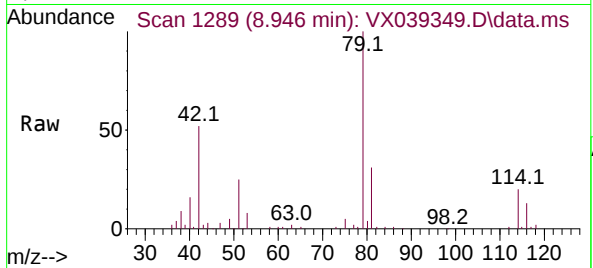




#44
trans-1,3-Dichloropropene
Concen: 0.855 ug/L
RT: 8.946 min Scan# 1289
Delta R.T. -0.030 min
Lab File: VX039349.D
Acq: 19 Dec 2023 12:31

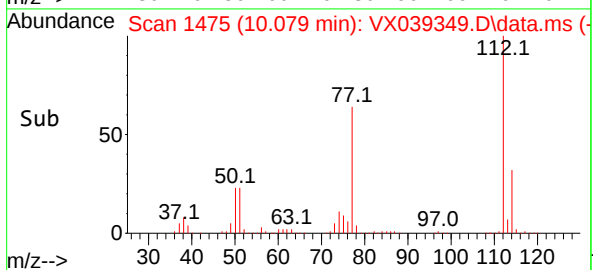
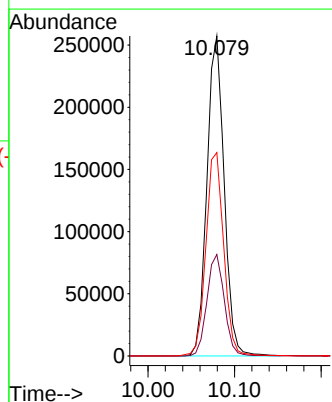
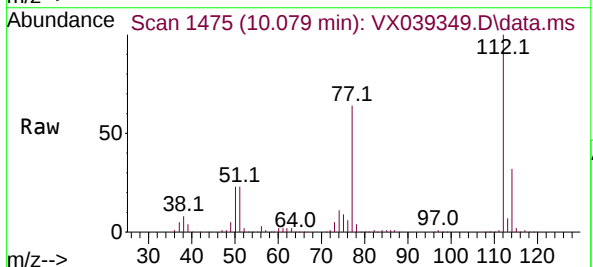
Instrument :
MSVOA_X
ClientSampleId :

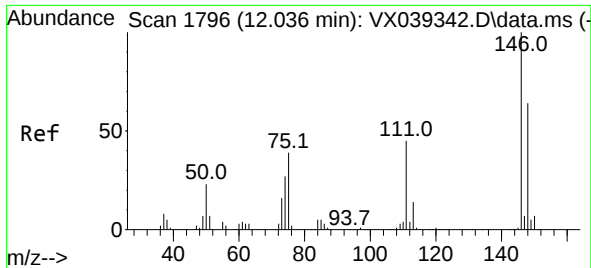
Tgt Ion: 75 Resp: 2036
Ion Ratio Lower Upper
75 100
77 39.6 22.0 40.8



#51
Chlorobenzene
Concen: 93.648 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039349.D
Acq: 19 Dec 2023 12:31

Tgt Ion:112 Resp: 355813
Ion Ratio Lower Upper
112 100
114 31.7 21.8 40.4
77 63.5 49.0 73.6





#65

1,4-Dichlorobenzene

Concen: 3.195 ug/L

RT: 12.043 min Scan# 11

Delta R.T. 0.006 min

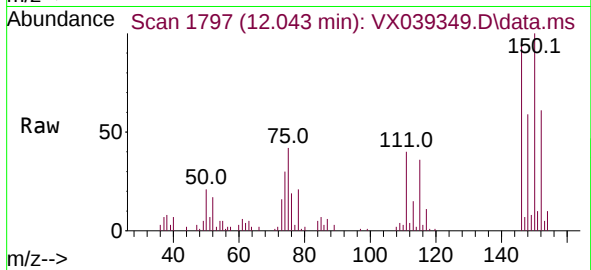
Lab File: VX039349.D

Acq: 19 Dec 2023 12:31

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:146 Resp: 9089

Ion Ratio Lower Upper

146 100

111 42.2 29.7 55.1

148 62.1 45.8 85.2

