

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039122.D
 Acq On : 08 Dec 2023 21:53
 Operator : JC/MD
 Sample : 05646-18 40X
 Misc : 2.88g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS5

Quant Time: Dec 09 03:44:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

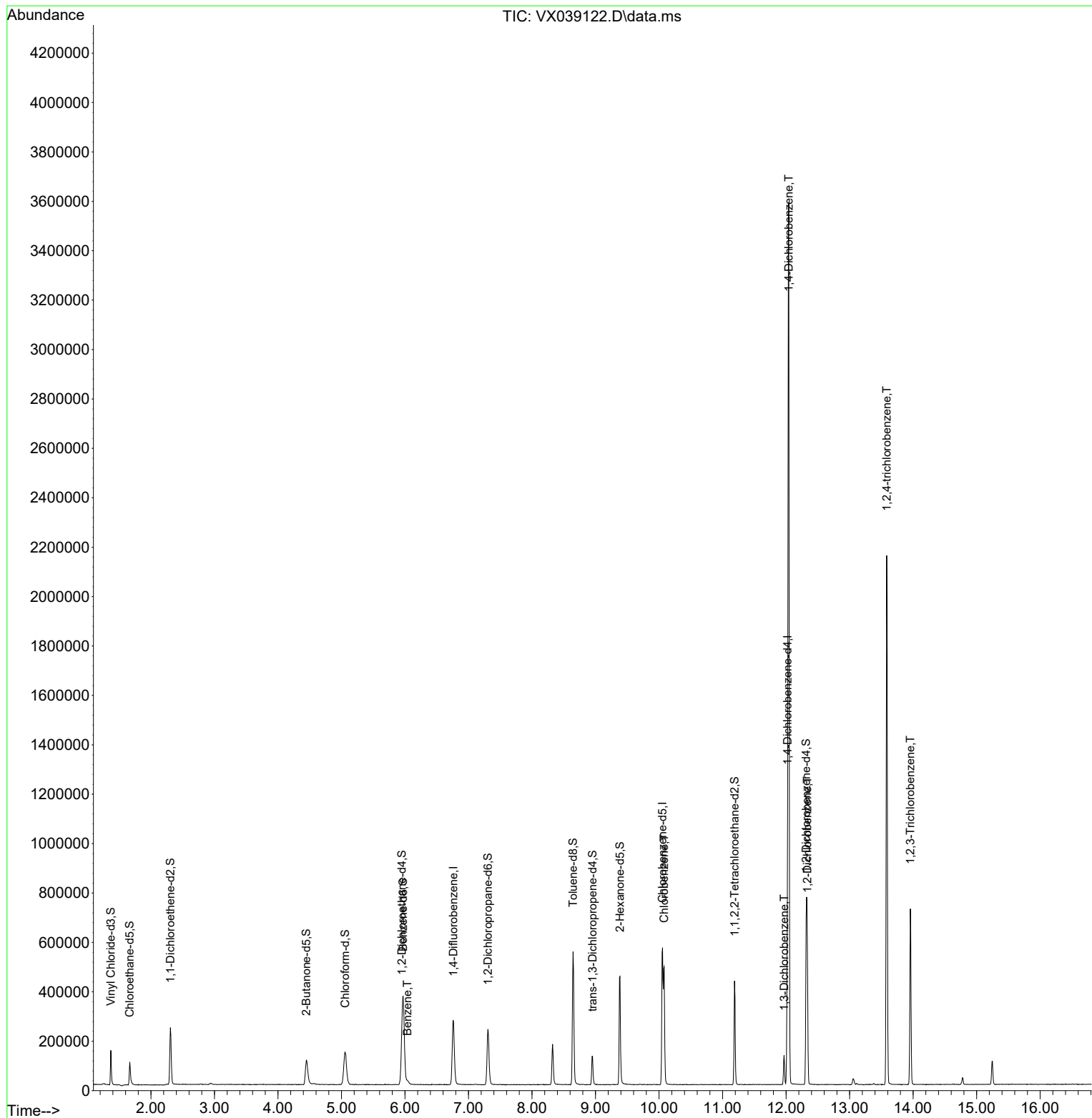
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	264177	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	236719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111340	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	89711	43.296	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.600%
7) Chloroethane-d5	1.666	69	69138	45.142	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.280%
11) 1,1-Dichloroethene-d2	2.307	65	41998	46.174	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
21) 2-Butanone-d5	4.446	46	177808	94.799	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.800%
24) Chloroform-d	5.056	84	166294	45.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	5.952	65	112483	47.351	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.971	84	363238	49.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
36) 1,2-Dichloropropane-d6	7.306	67	117394	49.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.860%
41) Toluene-d8	8.647	98	320592	48.424	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	8.952	79	55781	46.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.240%
47) 2-Hexanone-d5	9.385	63	132253	94.182	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	163836	49.123	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	111462	52.963	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.920%
Target Compounds						
					Qvalue	
33) Benzene	6.038	78	16520	2.196	ug/L	100
51) Chlorobenzene	10.080	112	199784	40.544	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	33934	9.745	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	1045614	296.319	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	157902	47.403	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	442393	203.775	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	148847	70.809	ug/L	99

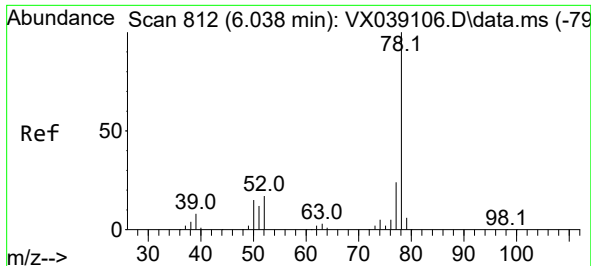
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
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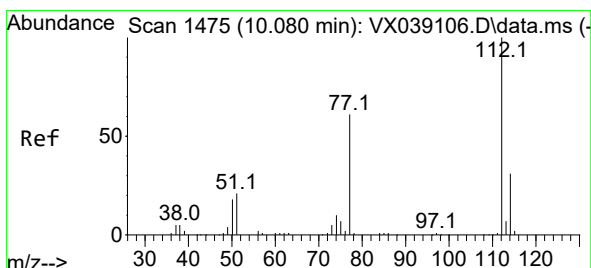
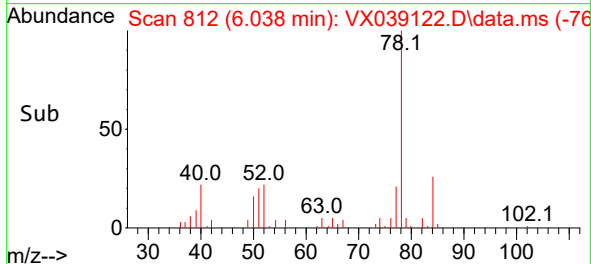
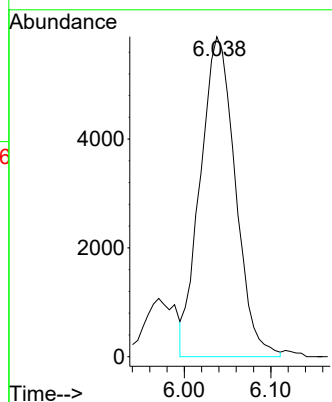
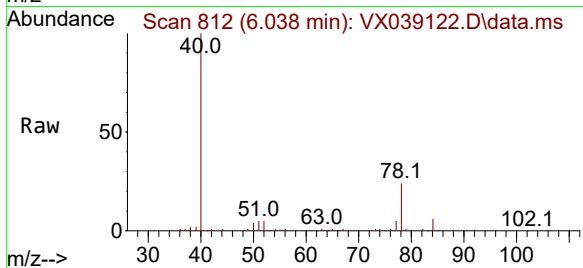




#33
Benzene
Concen: 2.196 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

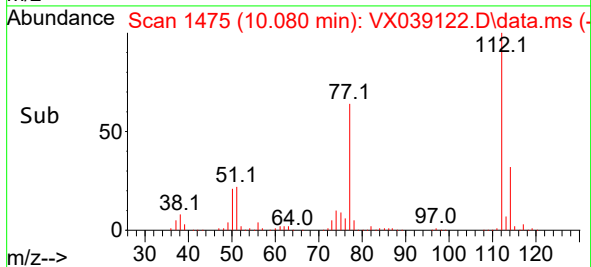
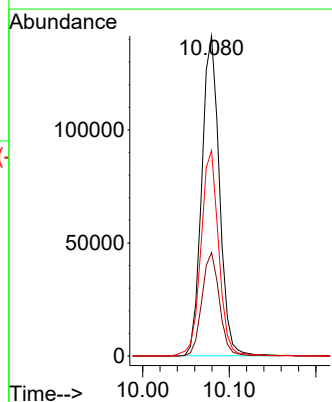
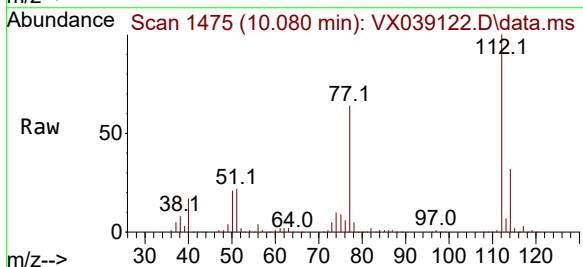
Instrument :
MSVOA_X
ClientSampleId :
C0AS5

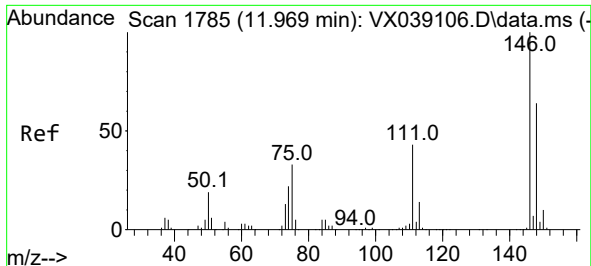
Tgt Ion: 78 Resp: 16520



#51
Chlorobenzene
Concen: 40.544 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

Tgt Ion: 112 Resp: 199784
Ion Ratio Lower Upper
112 100
114 32.3 21.8 40.4
77 64.1 49.0 73.6

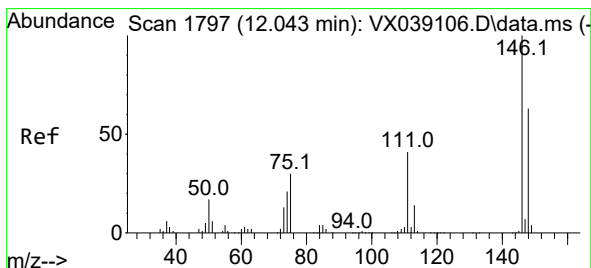
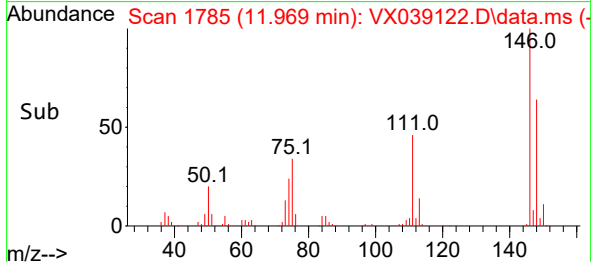
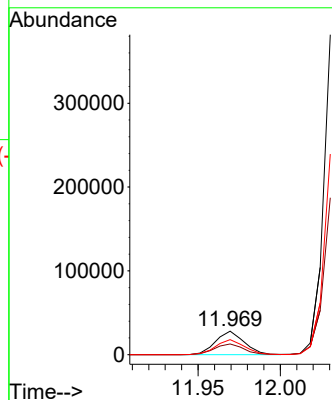
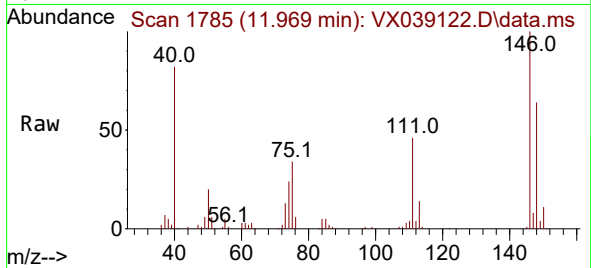




#64
1,3-Dichlorobenzene
Concen: 9.745 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

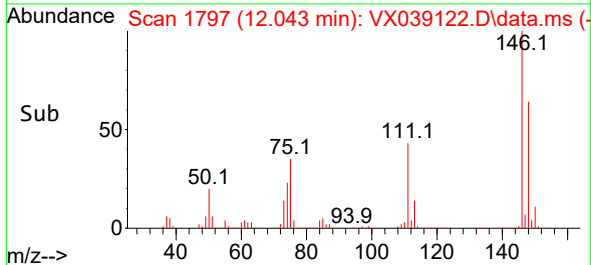
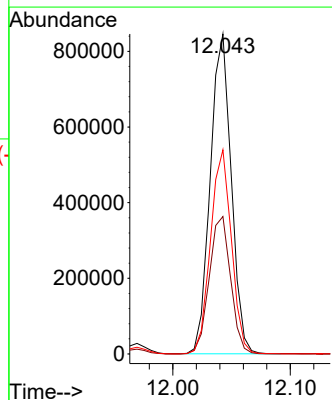
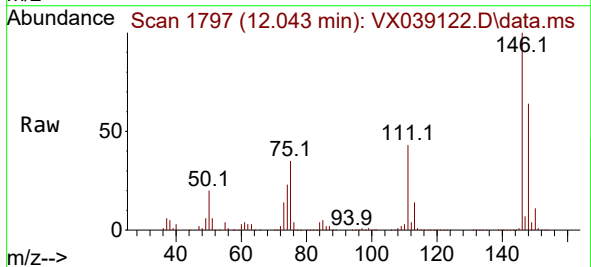
Instrument :
MSVOA_X
ClientSampleId :
C0AS5

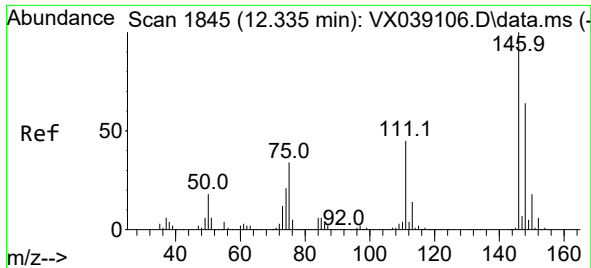
Tgt Ion:146 Resp: 33934
Ion Ratio Lower Upper
146 100
111 45.8 30.0 55.6
148 63.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 296.319 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039122.D
Acq: 08 Dec 2023 21:53

Tgt Ion:146 Resp: 1045614
Ion Ratio Lower Upper
146 100
111 43.0 29.7 55.1
148 63.8 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 47.403 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039122.D

Acq: 08 Dec 2023 21:53

Instrument :

MSVOA_X

ClientSampleId :

C0AS5

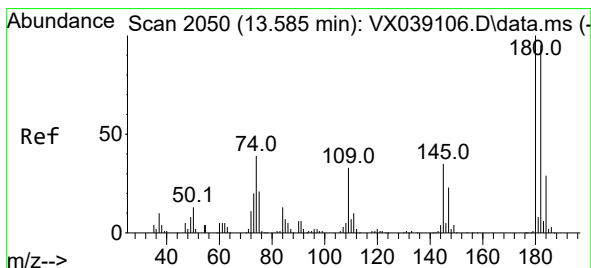
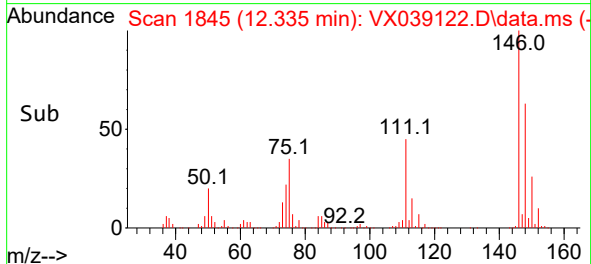
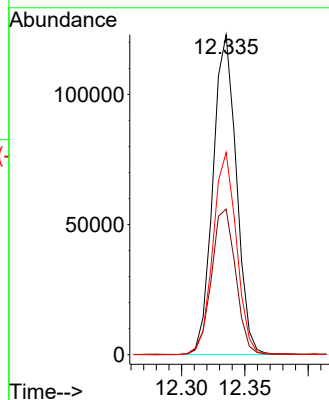
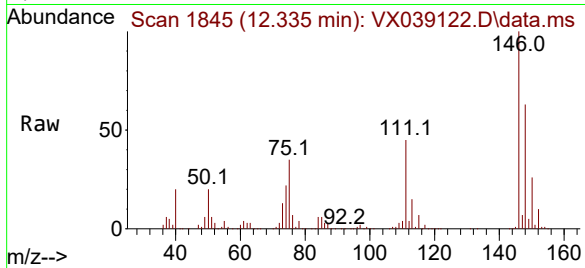
Tgt Ion:146 Resp: 157902

Ion Ratio Lower Upper

146 100

111 45.5 36.4 54.6

148 63.2 50.0 75.0



#70

1,2,4-trichlorobenzene

Concen: 203.775 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039122.D

Acq: 08 Dec 2023 21:53

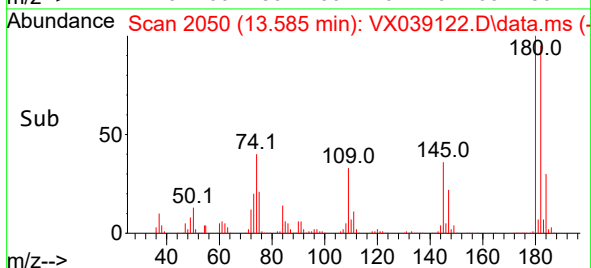
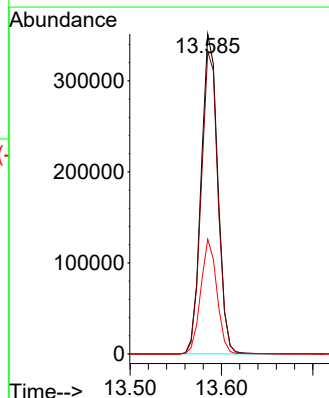
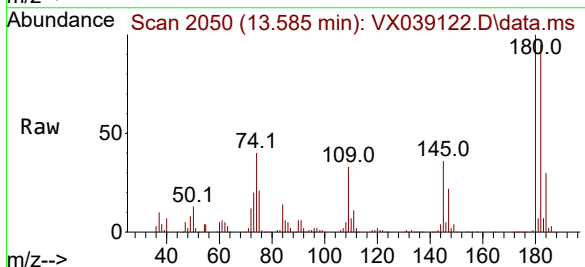
Tgt Ion:180 Resp: 442393

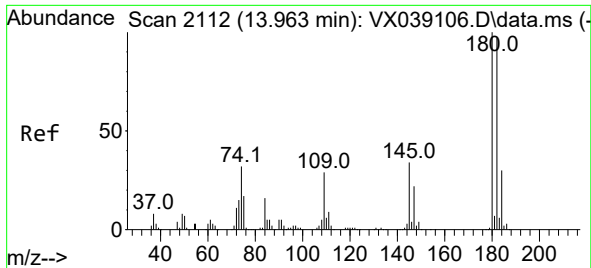
Ion Ratio Lower Upper

180 100

182 95.0 76.8 115.2

145 34.8 27.8 41.6





#72
 1,2,3-Trichlorobenzene
 Concen: 70.809 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. -0.006 min
 Lab File: VX039122.D
 Acq: 08 Dec 2023 21:53

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS5

Tgt Ion:180 Resp: 148847
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.9 113.9
 145 35.7 28.6 42.8

