

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039120.D
 Acq On : 08 Dec 2023 21:07
 Operator : JC/MD
 Sample : 05646-16 40X
 Misc : 2.63g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS3

Quant Time: Dec 09 03:44:20 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)

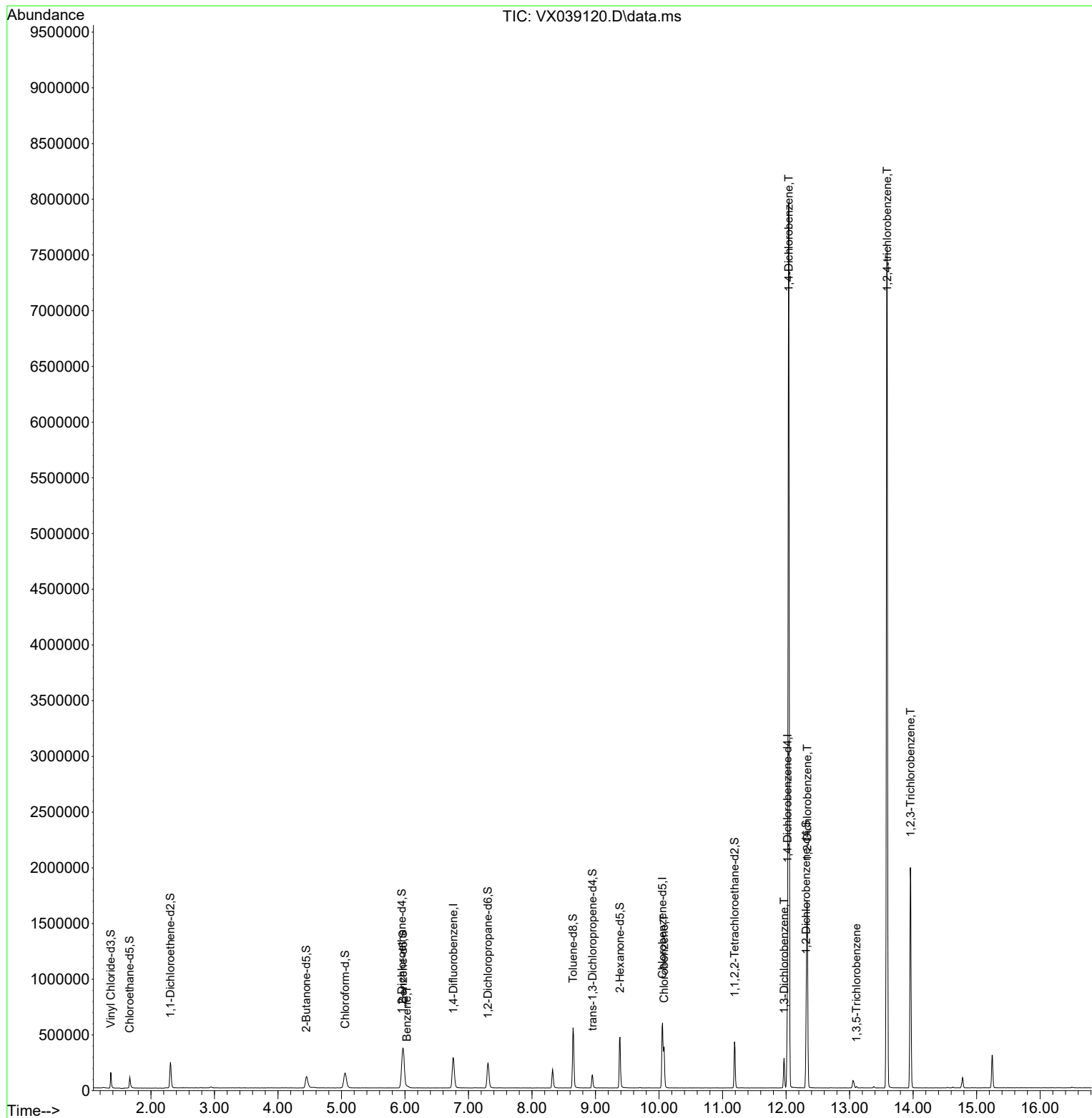
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	277193	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	250474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117281	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	89612	41.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.440%
7) Chloroethane-d5	1.666	69	68503	42.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.260%
11) 1,1-Dichloroethene-d2	2.306	65	41941	43.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.900%
21) 2-Butanone-d5	4.446	46	181456	92.202	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.200%
24) Chloroform-d	5.056	84	167885	43.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	5.952	65	115211	46.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
32) Benzene-d6	5.970	84	364536	47.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
36) 1,2-Dichloropropane-d6	7.305	67	119777	48.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.300%
41) Toluene-d8	8.647	98	316162	45.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.260%
43) trans-1,3-Dichloroprop...	8.952	79	56772	44.845	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.700%
47) 2-Hexanone-d5	9.384	63	136465	91.844	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.840%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	166684	47.232	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	106902	48.223	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.440%
Target Compounds						
					Qvalue	
33) Benzene	6.031	78	15309	1.923	ug/L	100
51) Chlorobenzene	10.079	112	146678	28.132	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	76103	20.748	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	2261873	608.527	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	458385	130.639	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	2657	1.095	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	1626873	711.410	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	421724	190.457	ug/L	99

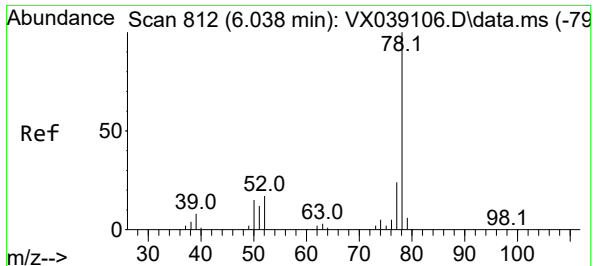
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 09 03:39:44 2023
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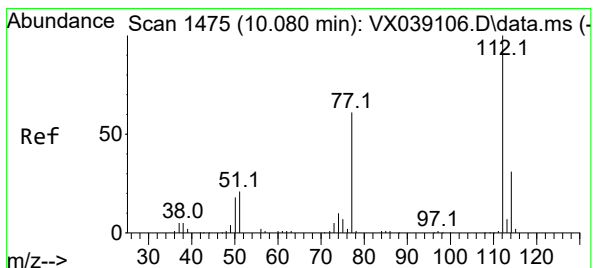
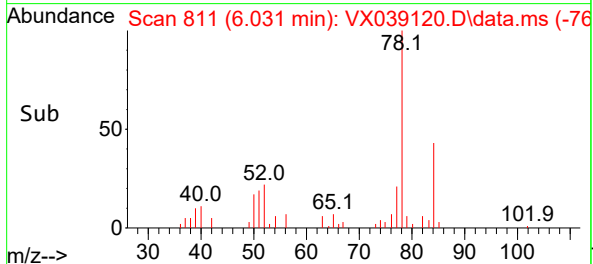
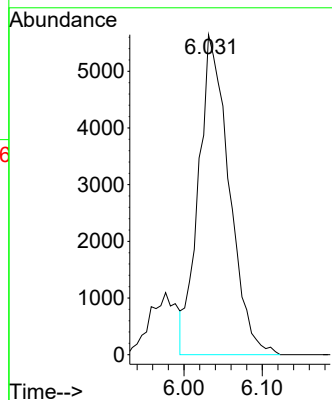
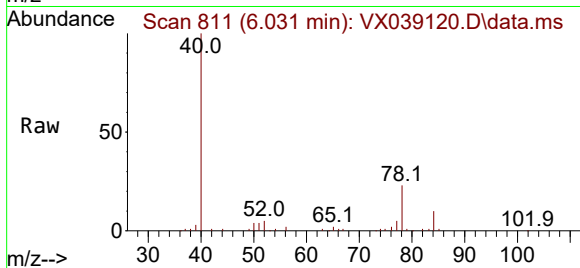




#33
Benzene
Concen: 1.923 ug/L
RT: 6.031 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

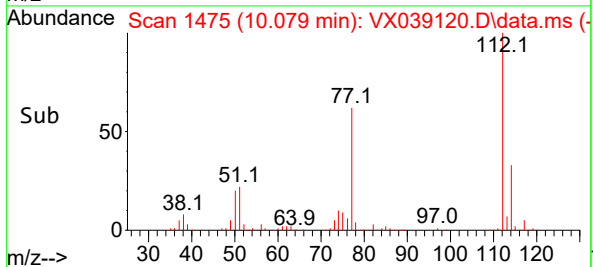
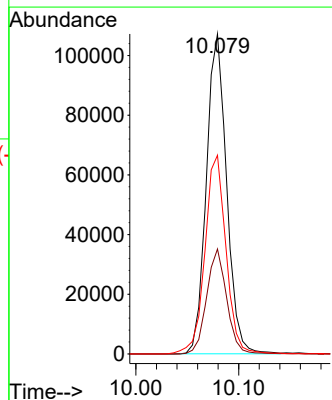
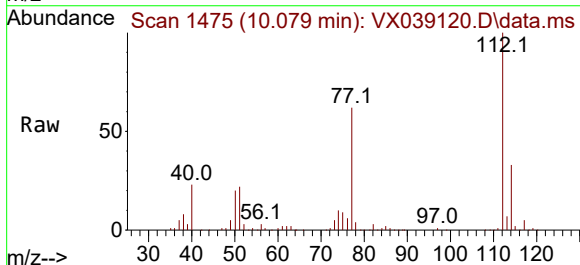
Instrument :
MSVOA_X
ClientSampleId :
C0AS3

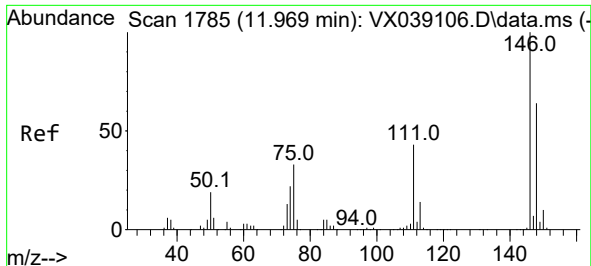
Tgt Ion: 78 Resp: 15309



#51
Chlorobenzene
Concen: 28.132 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

Tgt Ion:112 Resp: 146678
Ion Ratio Lower Upper
112 100
114 32.8 21.8 40.4
77 62.1 49.0 73.6

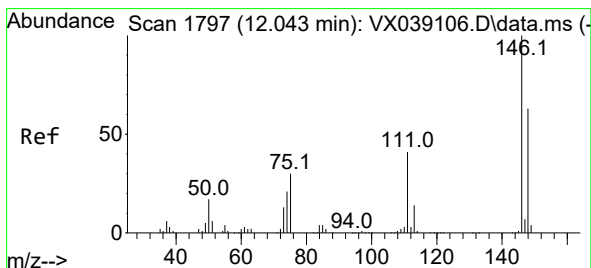
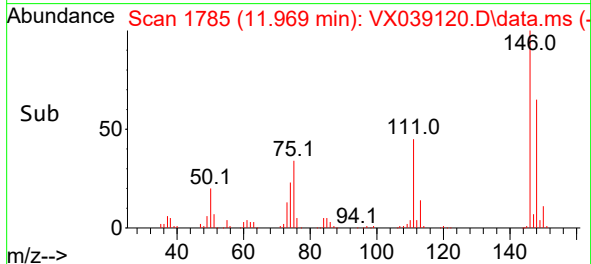
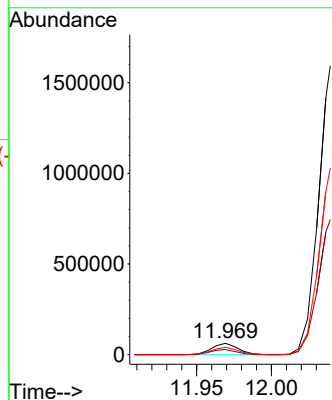
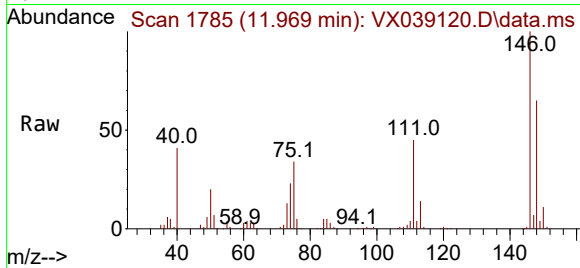




#64
1,3-Dichlorobenzene
Concen: 20.748 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

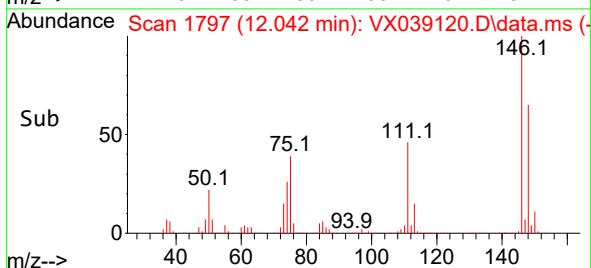
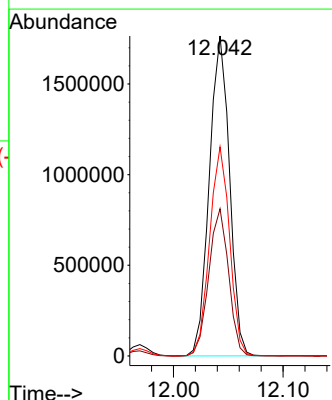
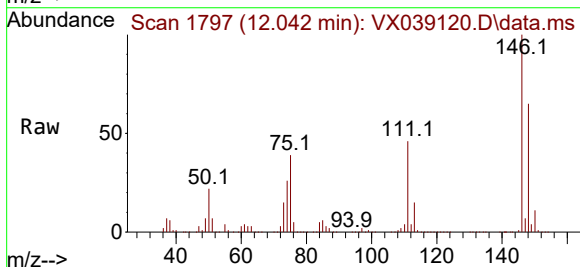
Instrument :
MSVOA_X
ClientSampleId :
C0AS3

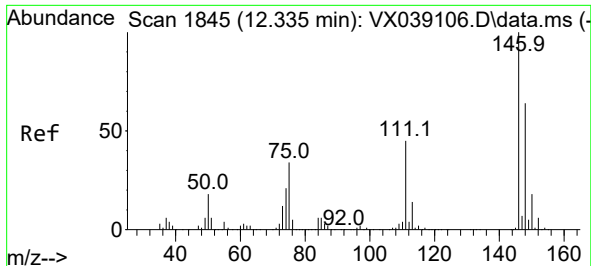
Tgt Ion:146 Resp: 76103
Ion Ratio Lower Upper
146 100
111 44.7 30.0 55.6
148 64.5 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 608.527 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

Tgt Ion:146 Resp: 2261873
Ion Ratio Lower Upper
146 100
111 46.0 29.7 55.1
148 65.4 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 130.639 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039120.D

Acq: 08 Dec 2023 21:07

Instrument :

MSVOA_X

ClientSampleId :

C0AS3

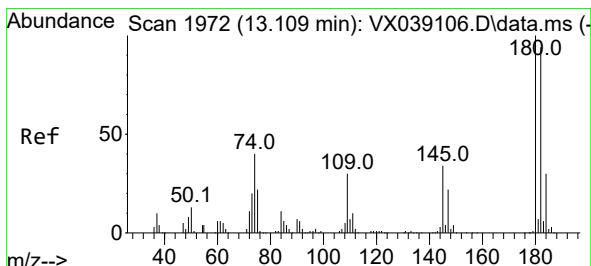
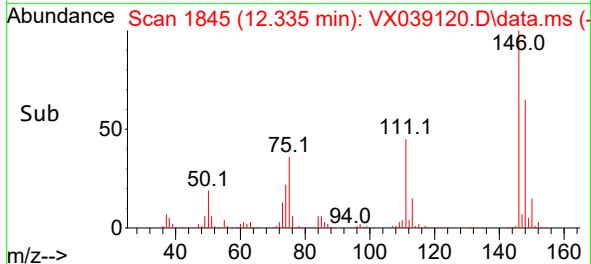
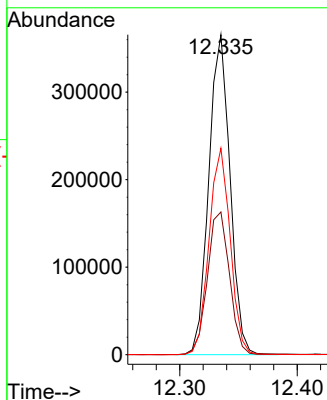
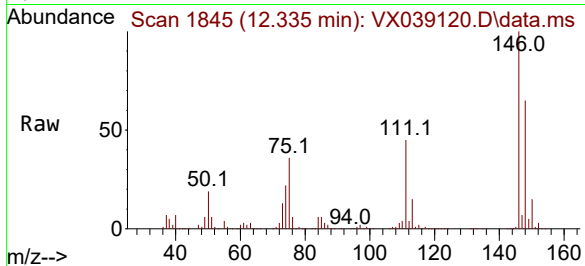
Tgt Ion:146 Resp: 458385

Ion Ratio Lower Upper

146 100

111 44.6 36.4 54.6

148 64.5 50.0 75.0



#69

1,3,5-Trichlorobenzene

Concen: 1.095 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VX039120.D

Acq: 08 Dec 2023 21:07

Tgt Ion:180 Resp: 2657

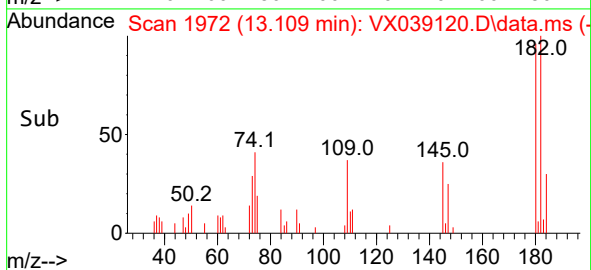
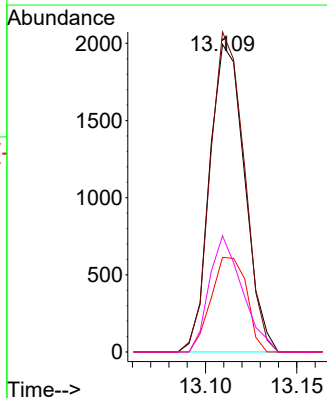
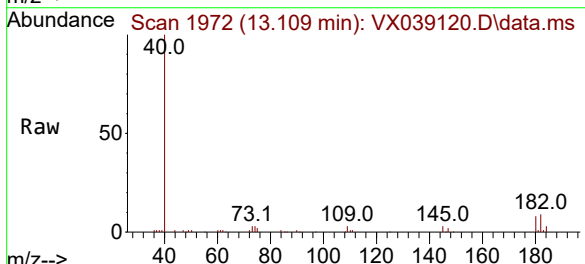
Ion Ratio Lower Upper

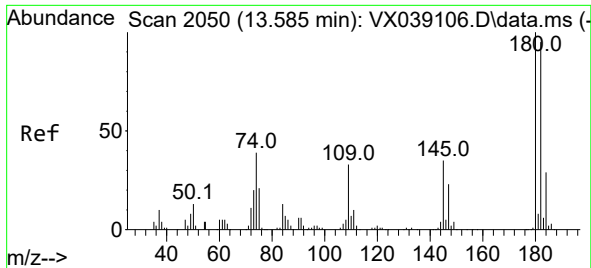
180 100

182 100.8 76.1 114.1

184 31.1 24.1 36.1

145 35.7 27.3 40.9

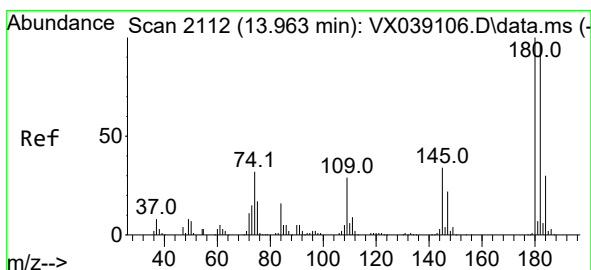
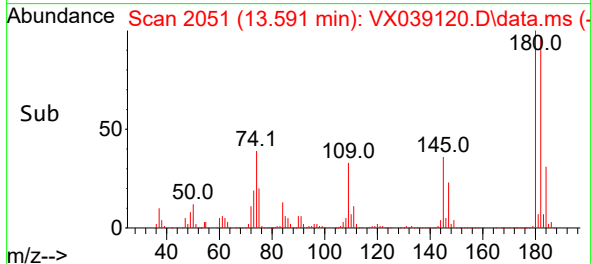
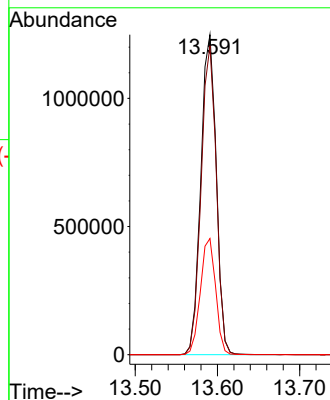
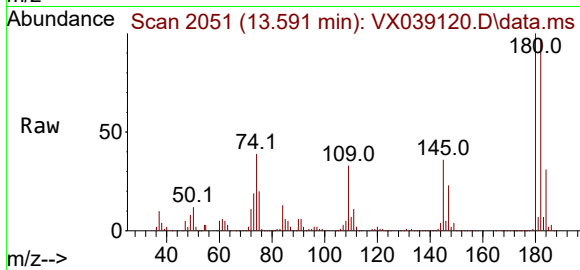




#70
1,2,4-trichlorobenzene
Concen: 711.410 ug/L
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

Instrument :
MSVOA_X
ClientSampleId :
C0AS3

Tgt Ion:180 Resp: 1626873
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 35.9 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 190.457 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039120.D
Acq: 08 Dec 2023 21:07

Tgt Ion:180 Resp: 421724
Ion Ratio Lower Upper
180 100
182 94.7 75.9 113.9
145 36.6 28.6 42.8

