

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX040975.D
 Acq On : 11 Apr 2024 13:36
 Operator : JC/MD
 Sample : P2048-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MC0R53

Quant Time: Apr 12 01:46:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

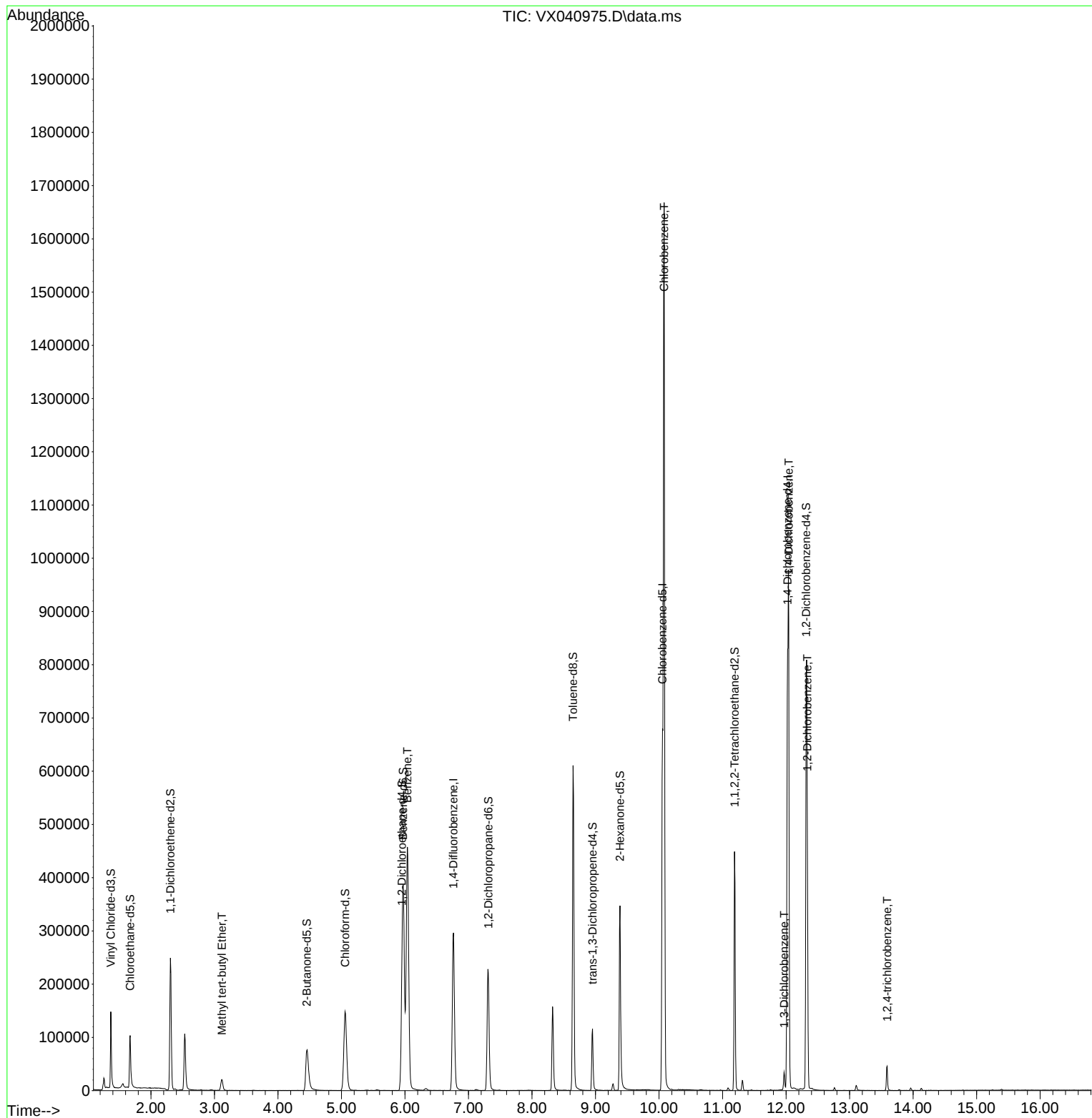
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	325937	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	304180	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	163188	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97207	41.931	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.860%
7) Chloroethane-d5	1.672	69	82309	43.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.060%
11) 1,1-Dichloroethene-d2	2.306	65	43769	44.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.440%
21) 2-Butanone-d5	4.452	46	135706	107.463	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.460%
24) Chloroform-d	5.056	84	192216	44.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.880%
26) 1,2-Dichloroethane-d4	5.952	65	126136	44.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.660%
32) Benzene-d6	5.970	84	398761	48.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
36) 1,2-Dichloropropane-d6	7.312	67	116240	48.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.520%
41) Toluene-d8	8.647	98	377338	46.772	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.540%
43) trans-1,3-Dichloroprop...	8.952	79	56301	46.453	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.900%
47) 2-Hexanone-d5	9.384	63	96721	95.251	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.250%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	166575	46.690	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.380%
66) 1,2-Dichlorobenzene-d4	12.317	152	159513	48.728	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.460%
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	3.117	73	23263	3.657	ug/L	98
33) Benzene	6.037	78	573556	72.676	ug/L	100
51) Chlorobenzene	10.079	112	758461	123.832	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	12151	2.427	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	309136	60.155	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	147711	30.417	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	14090	3.878	ug/L	94

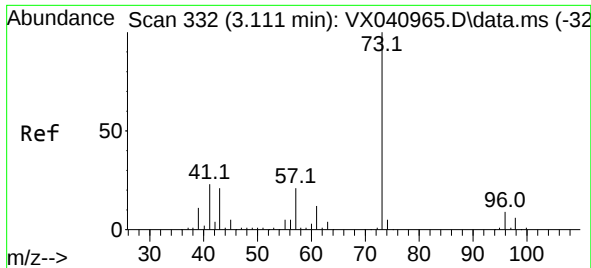
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

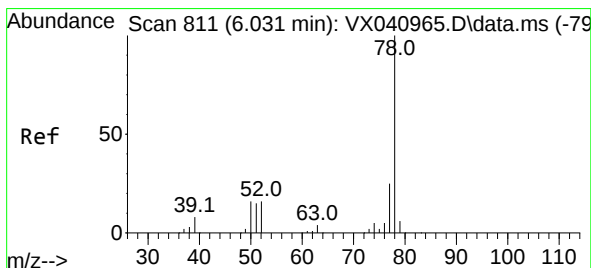
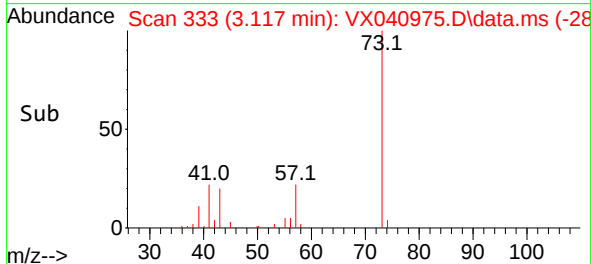
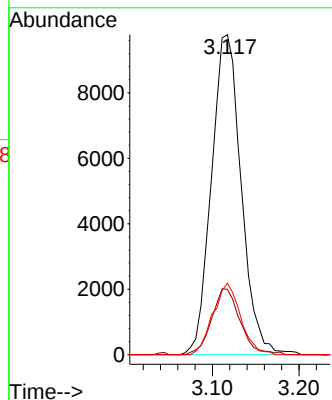
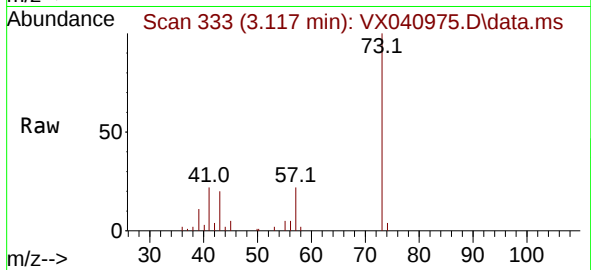




#18
Methyl tert-butyl Ether
Concen: 3.657 ug/L
RT: 3.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX040975.D
Acq: 11 Apr 2024 13:36

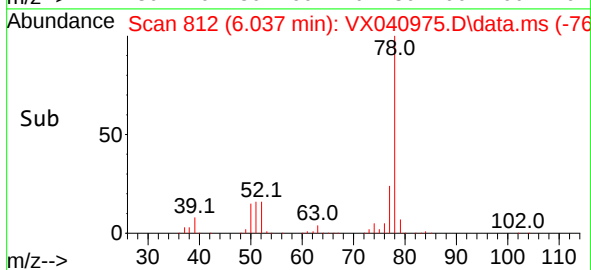
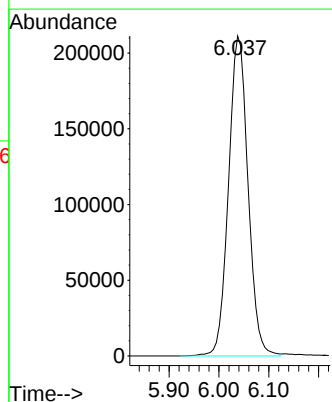
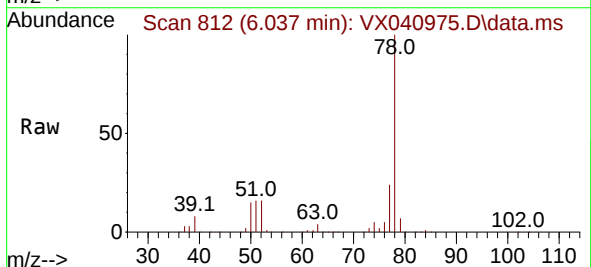
Instrument :
MSVOA_X
ClientSampleId :
MC0R53

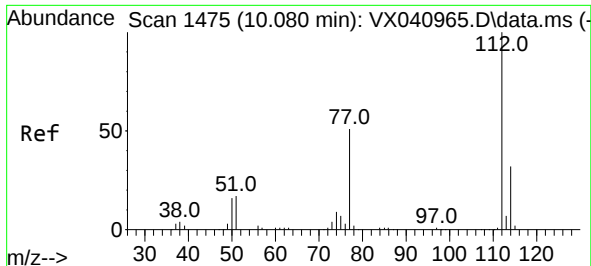
Tgt Ion: 73 Resp: 23263
Ion Ratio Lower Upper
73 100
43 19.8 16.6 25.0
57 20.8 17.3 25.9



#33
Benzene
Concen: 72.676 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX040975.D
Acq: 11 Apr 2024 13:36

Tgt Ion: 78 Resp: 573556

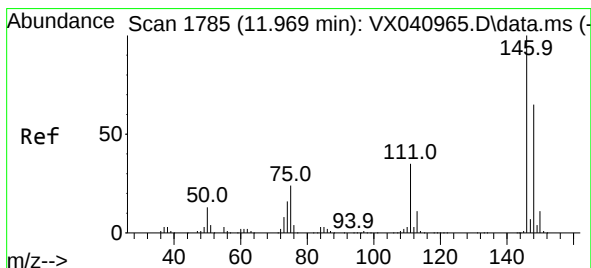
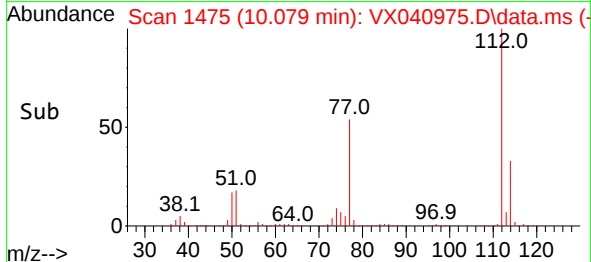
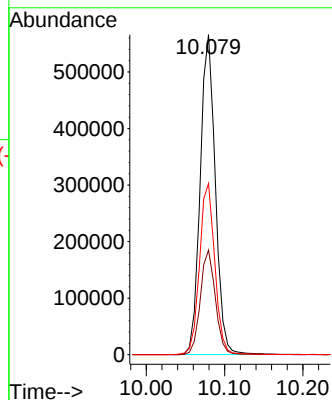
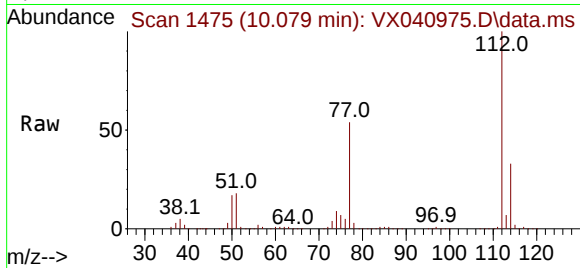




#51
Chlorobenzene
Concen: 123.832 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX040975.D
Acq: 11 Apr 2024 13:36

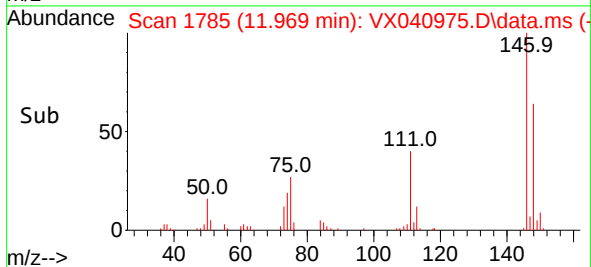
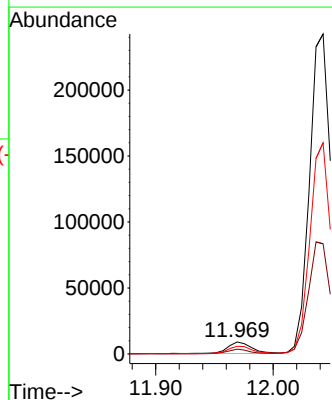
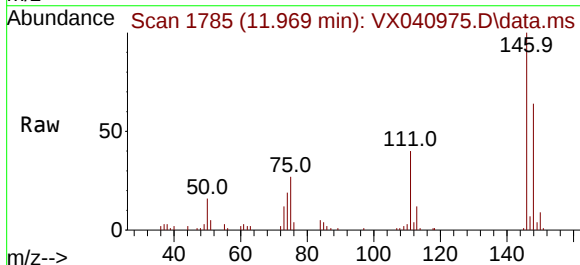
Instrument :
MSVOA_X
ClientSampleId :
MC0R53

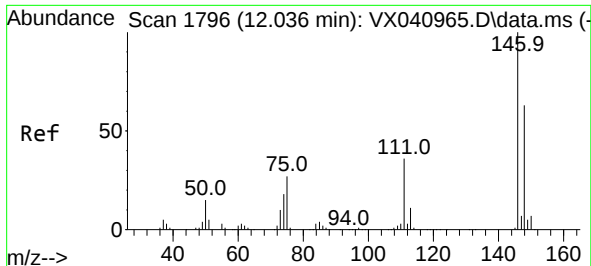
Tgt Ion:112 Resp: 758461
Ion Ratio Lower Upper
112 100
114 32.7 23.0 42.8
77 53.5 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 2.427 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX040975.D
Acq: 11 Apr 2024 13:36

Tgt Ion:146 Resp: 12151
Ion Ratio Lower Upper
146 100
111 39.6 25.3 47.1
148 63.9 44.7 82.9





#65

1,4-Dichlorobenzene

Concen: 60.155 ug/L

RT: 12.043 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040975.D

Acq: 11 Apr 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

MC0R53

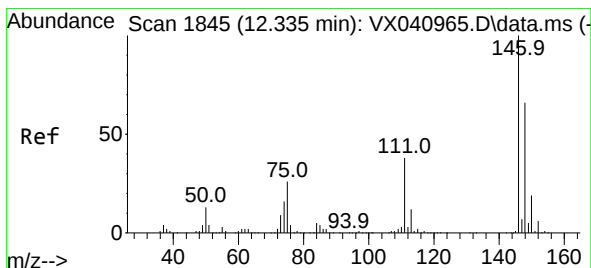
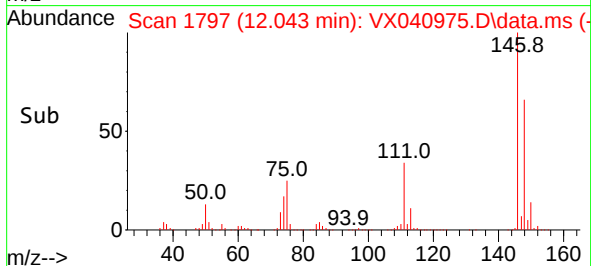
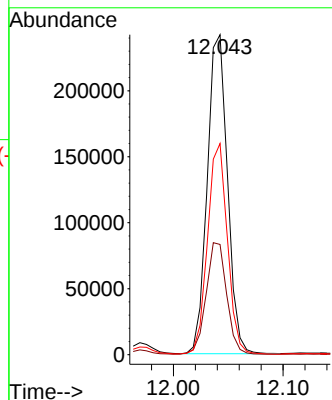
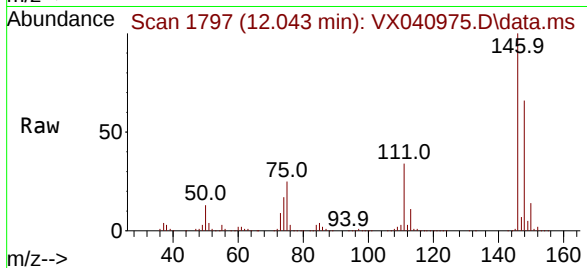
Tgt Ion:146 Resp: 309136

Ion Ratio Lower Upper

146 100

111 34.4 23.4 43.6

148 66.0 44.2 82.0



#67

1,2-Dichlorobenzene

Concen: 30.417 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX040975.D

Acq: 11 Apr 2024 13:36

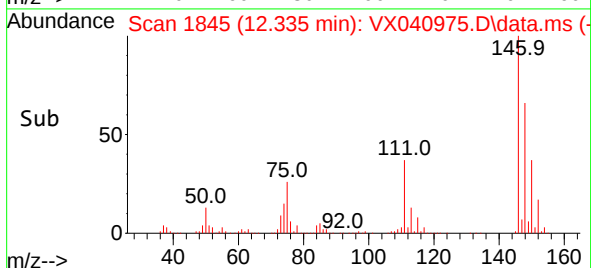
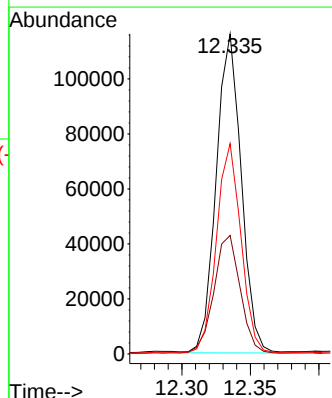
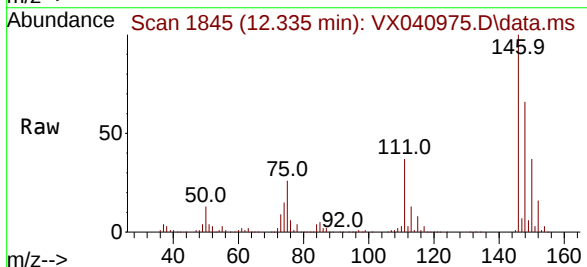
Tgt Ion:146 Resp: 147711

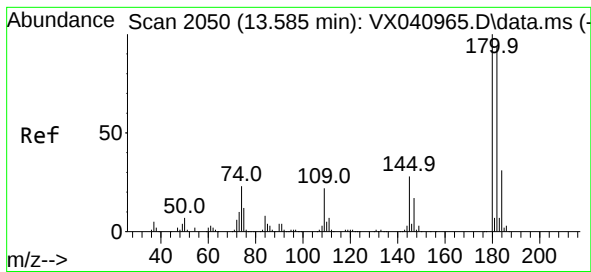
Ion Ratio Lower Upper

146 100

111 37.1 31.8 47.8

148 65.7 53.2 79.8





#70

1,2,4-trichlorobenzene

Concen: 3.878 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040975.D

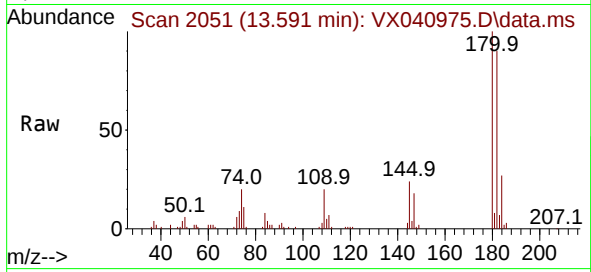
Acq: 11 Apr 2024 13:36

Instrument :

MSVOA_X

ClientSampleId :

MC0R53



Tgt Ion:180 Resp: 14090

Ion Ratio Lower Upper

180 100

182 90.5 76.8 115.2

145 24.9 22.3 33.5

