

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041224\
 Data File : VX041051.D
 Acq On : 12 Apr 2024 23:14
 Operator : JC/MD
 Sample : P2049-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 13 04:24:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 04:06:48 2024
 Response via : Initial Calibration

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

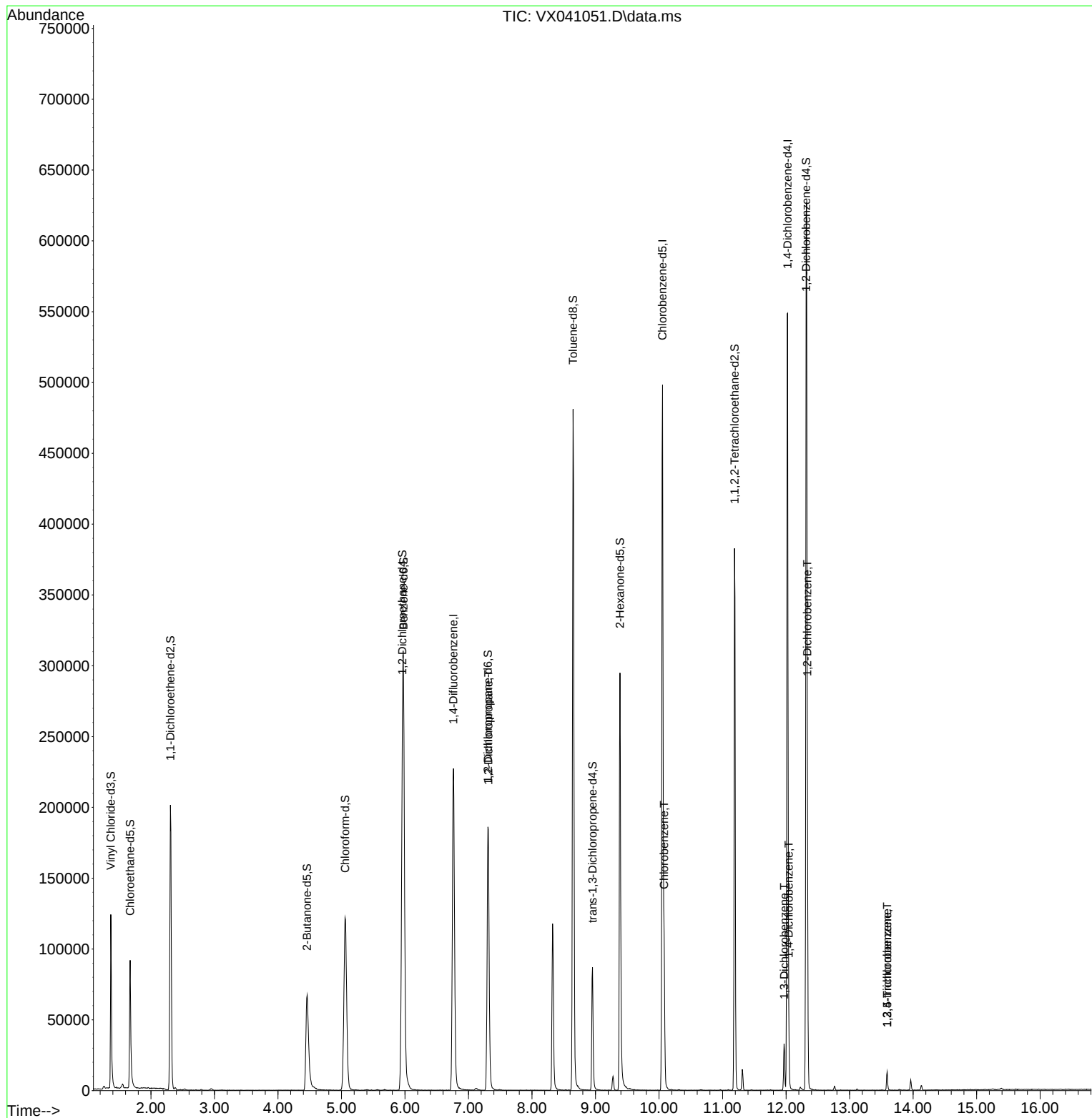
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	245236	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	234002	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	129679	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	84933	48.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.380%
7) Chloroethane-d5	1.672	69	71515	50.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.540%
11) 1,1-Dichloroethene-d2	2.306	65	35480	47.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.280%
21) 2-Butanone-d5	4.458	46	118006	124.197	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	124.200%
24) Chloroform-d	5.056	84	158046	48.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	5.958	65	103855	49.057	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.120%
32) Benzene-d6	5.977	84	311569	49.045	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.080%
36) 1,2-Dichloropropane-d6	7.306	67	93726	50.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.180%
41) Toluene-d8	8.647	98	290775	46.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
43) trans-1,3-Dichloroprop...	8.952	79	41182	44.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.340%
47) 2-Hexanone-d5	9.384	63	80285	102.777	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.780%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	141605	51.595	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.180%
66) 1,2-Dichlorobenzene-d4	12.317	152	133014	51.133	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.260%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	7.312	63	10580	6.732	ug/L #	84
51) Chlorobenzene	10.079	112	46567	9.883	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	11749	2.953	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	11899	2.914	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	56834	14.728	ug/L	98
69) 1,3,5-Trichlorobenzene	13.591	180	4062	1.333	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	4062	1.407	ug/L	98

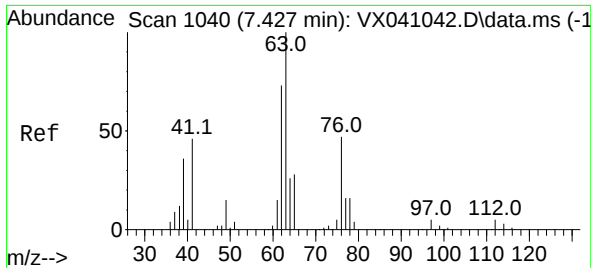
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 13 04:24:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 13 04:06:48 2024
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 6.732 ug/L

RT: 7.312 min Scan# 1

Delta R.T. -0.116 min

Lab File: VX041051.D

Acq: 12 Apr 2024 23:14

Instrument :

MSVOA_X

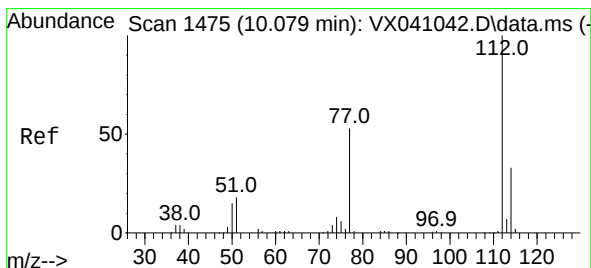
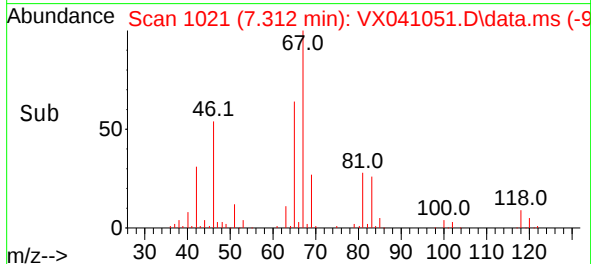
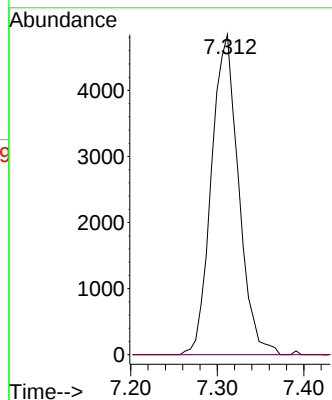
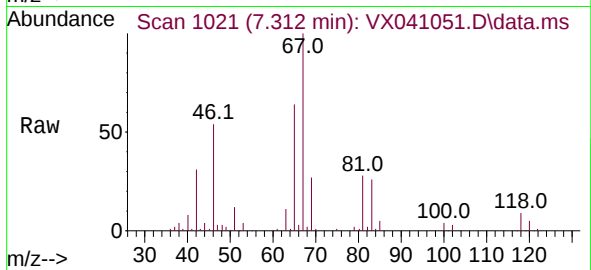
ClientSampleId :

Tgt Ion: 63 Resp: 10580

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#51

Chlorobenzene

Concen: 9.883 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041051.D

Acq: 12 Apr 2024 23:14

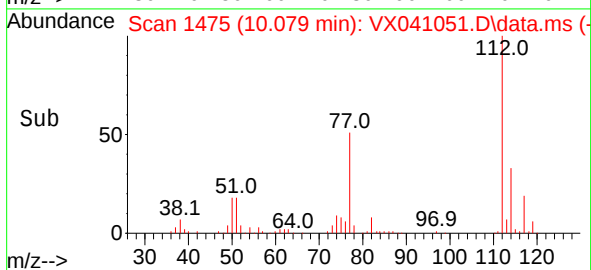
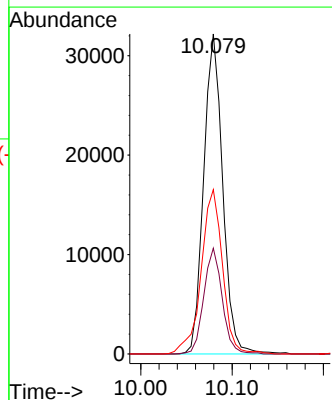
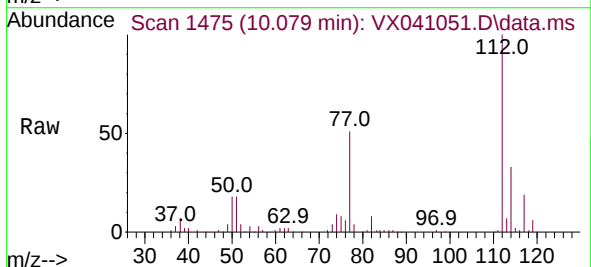
Tgt Ion: 112 Resp: 46567

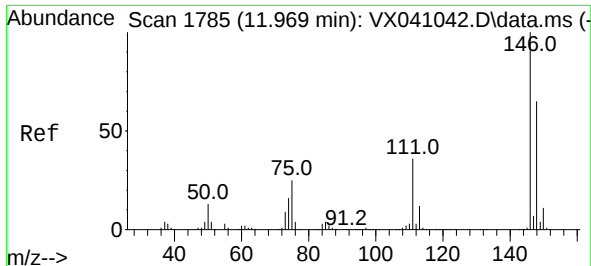
Ion Ratio Lower Upper

112 100

114 33.0 23.0 42.8

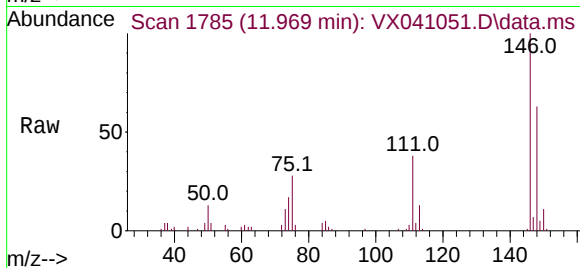
77 51.4 43.4 65.0



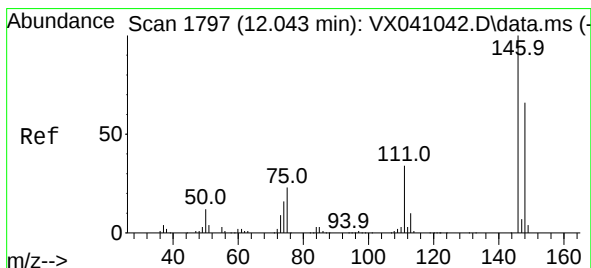
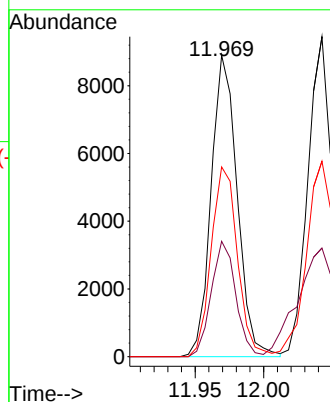
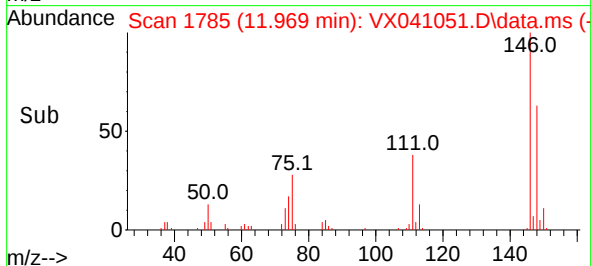


#64
1,3-Dichlorobenzene
Concen: 2.953 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041051.D
Acq: 12 Apr 2024 23:14

Instrument :
MSVOA_X
ClientSampleId :

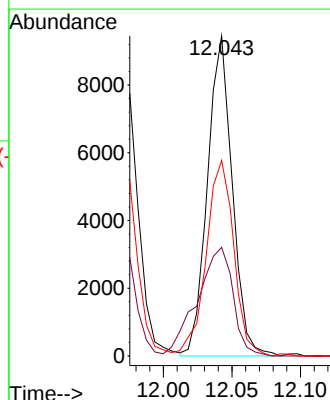
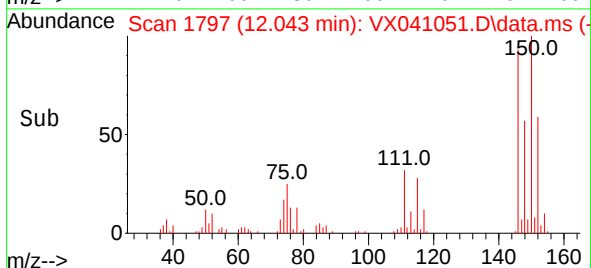
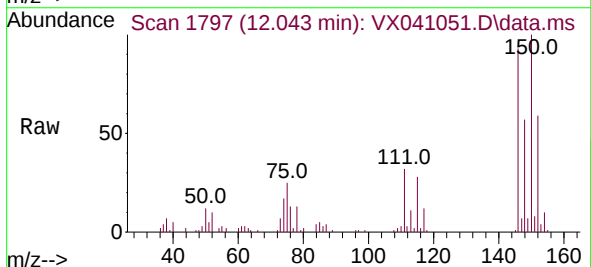


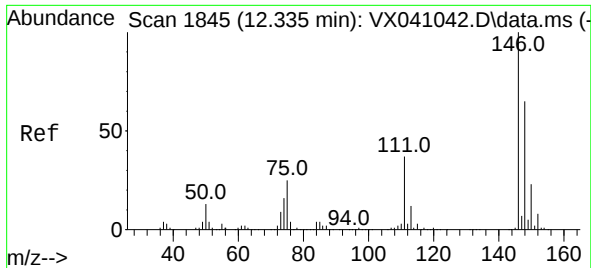
Tgt Ion:146 Resp: 11749
Ion Ratio Lower Upper
146 100
111 38.3 25.3 47.1
148 63.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 2.914 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041051.D
Acq: 12 Apr 2024 23:14

Tgt Ion:146 Resp: 11899
Ion Ratio Lower Upper
146 100
111 33.9 23.4 43.6
148 61.1 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 14.728 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041051.D

Acq: 12 Apr 2024 23:14

Instrument :

MSVOA_X

ClientSampleId :

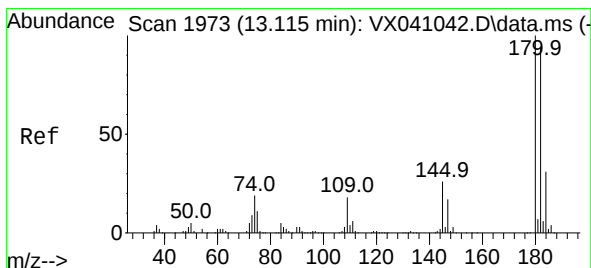
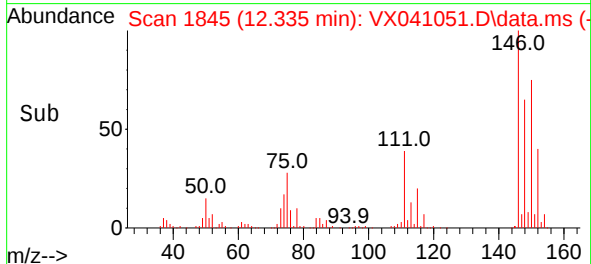
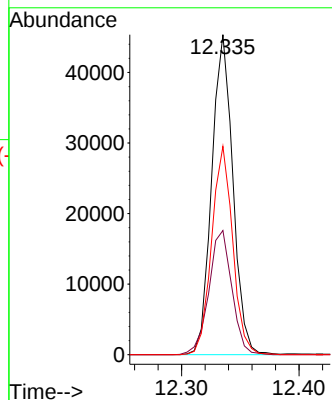
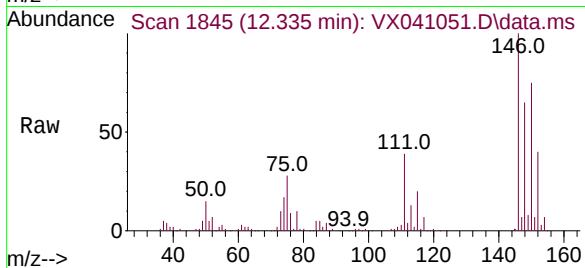
Tgt Ion:146 Resp: 56834

Ion Ratio Lower Upper

146 100

111 38.8 31.8 47.8

148 65.1 53.2 79.8



#69

1,3,5-Trichlorobenzene

Concen: 1.333 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.476 min

Lab File: VX041051.D

Acq: 12 Apr 2024 23:14

Tgt Ion:180 Resp: 4062

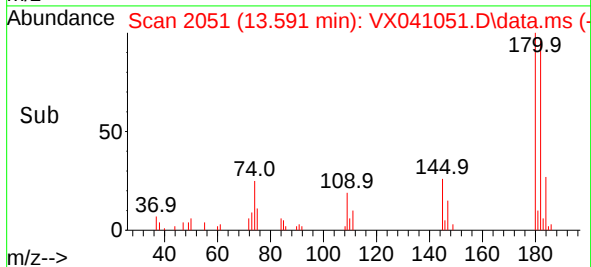
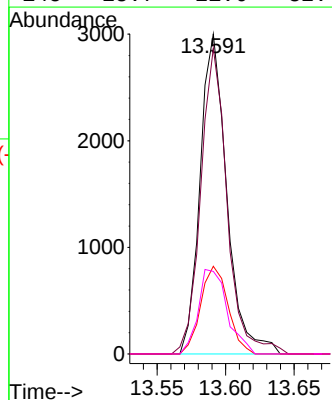
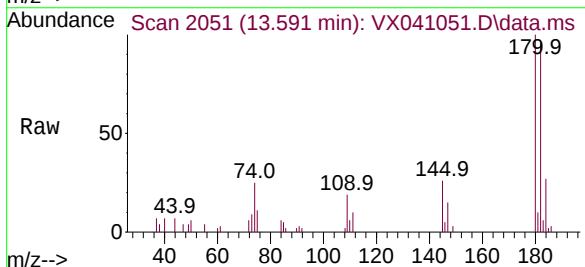
Ion Ratio Lower Upper

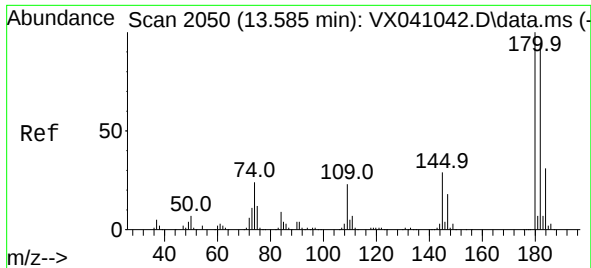
180 100

182 94.5 75.8 113.6

184 28.1 24.4 36.6

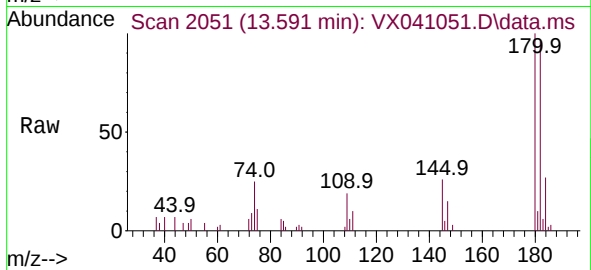
145 28.7 21.6 32.4





#70
 1,2,4-trichlorobenzene
 Concen: 1.407 ug/L
 RT: 13.591 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX041051.D
 Acq: 12 Apr 2024 23:14

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	4062
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.8	115.2
145	28.7	22.3	33.5

