

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035209.D
 Acq On : 20 Apr 2023 12:21
 Operator : JC/MD
 Sample : 02397-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:28:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

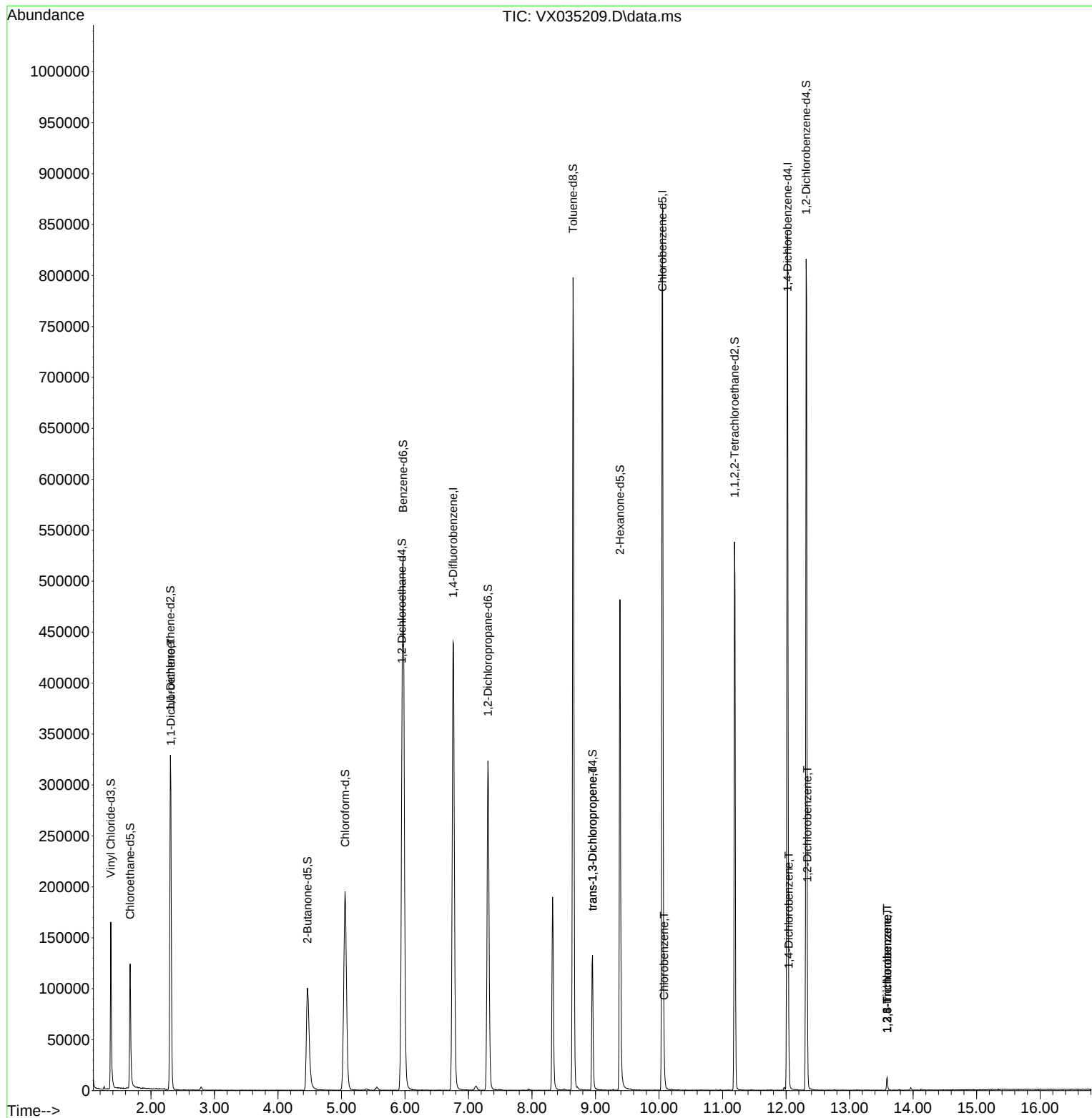
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	463559	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	398043	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186813	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	113154	37.857	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.720%		
7) Chloroethane-d5	1.672	69	89016	41.214	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.420%		
11) 1,1-Dichloroethene-d2	2.307	65	59373	41.514	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.020%		
21) 2-Butanone-d5	4.465	46	199739	100.277	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.280%		
24) Chloroform-d	5.056	84	248111	44.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.160%		
26) 1,2-Dichloroethane-d4	5.952	65	169699	46.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.900%		
32) Benzene-d6	5.970	84	530403	46.387	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.780%		
36) 1,2-Dichloropropane-d6	7.306	67	166614	47.703	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.400%		
41) Toluene-d8	8.647	98	471222	45.093	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.180%		
43) trans-1,3-Dichloroprop...	8.952	79	62874	41.191	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.380%		
47) 2-Hexanone-d5	9.385	63	138766	98.935	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.940%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	208070	48.643	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.280%		
66) 1,2-Dichlorobenzene-d4	12.317	152	170024	46.965	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.940%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.313	96	1472	0.532	ug/L	# 1
44) trans-1,3-Dichloropropene	8.952	75	3065	0.717	ug/L	86
51) Chlorobenzene	10.079	112	10123	1.229	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	9968	1.681	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	7426	1.264	ug/L	97
69) 1,3,5-Trichlorobenzene	13.591	180	3526	0.984	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	3526	1.051	ug/L	97
72) 1,2,3-Trichlorobenzene	13.591	180	3187	0.963	ug/L	97

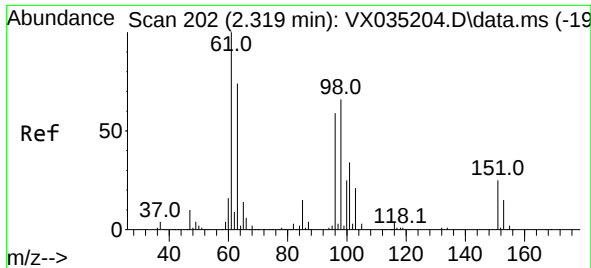
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 23:28:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
Response via : Initial Calibration

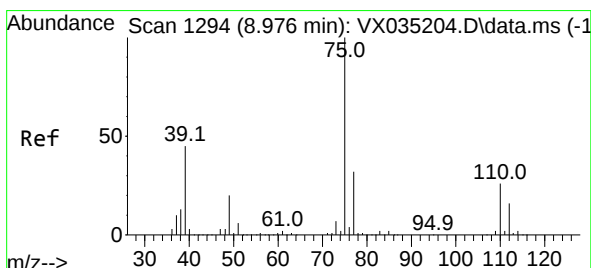
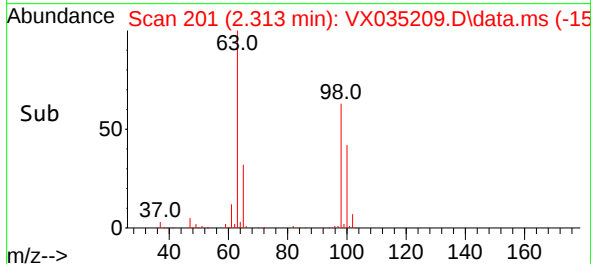
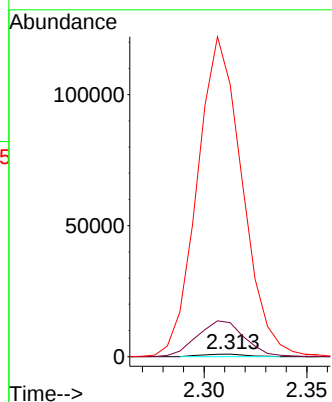
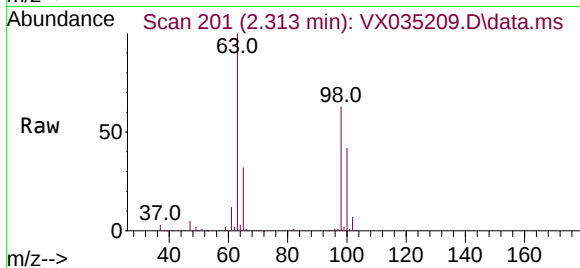




#12
1,1-Dichloroethene
Concen: 0.532 ug/L
RT: 2.313 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX035209.D
Acq: 20 Apr 2023 12:21

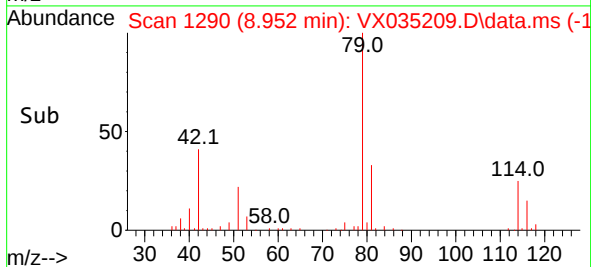
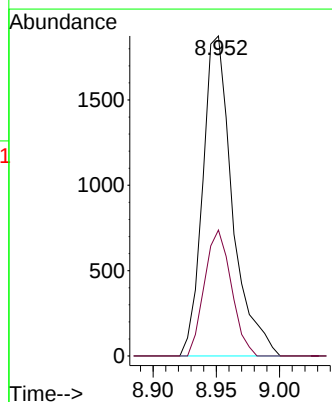
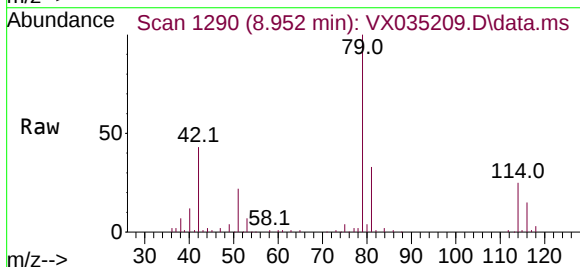
Instrument :
MSVOA_X
ClientSampleId :

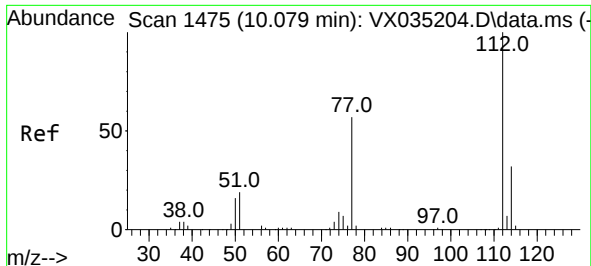
Tgt Ion: 96 Resp: 1472
Ion Ratio Lower Upper
96 100
61 1329.9 119.0 221.0#
63 10650.0 91.0 169.0#



#44
trans-1,3-Dichloropropene
Concen: 0.717 ug/L
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX035209.D
Acq: 20 Apr 2023 12:21

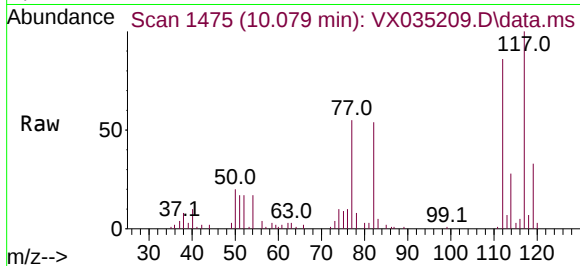
Tgt Ion: 75 Resp: 3065
Ion Ratio Lower Upper
75 100
77 39.4 22.0 40.8



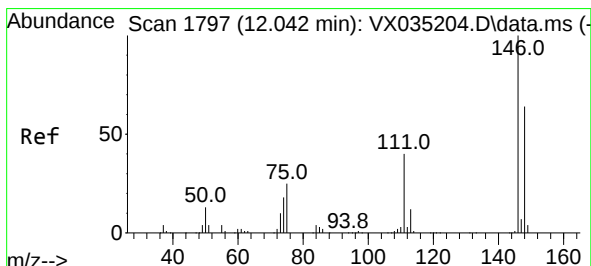
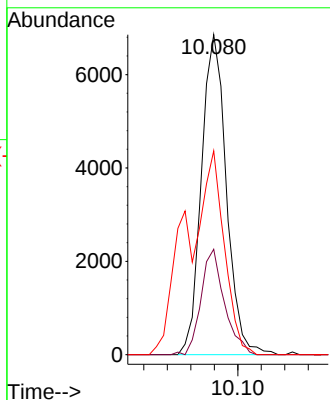
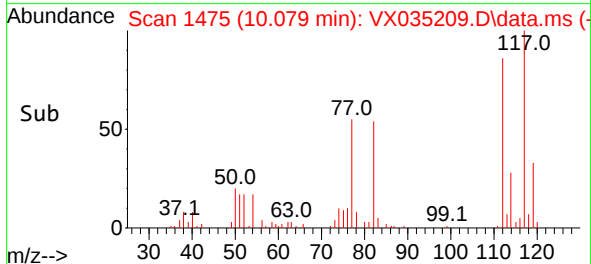


#51
Chlorobenzene
Concen: 1.229 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035209.D
Acq: 20 Apr 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :

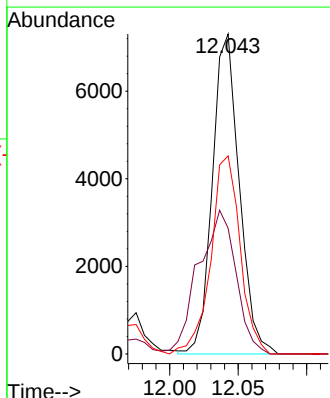
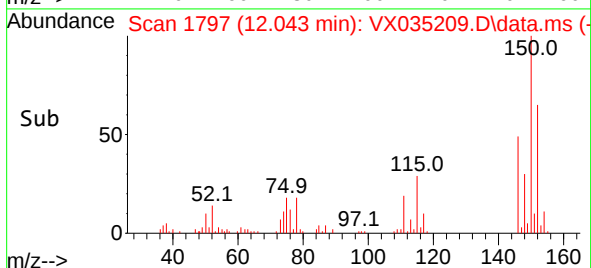
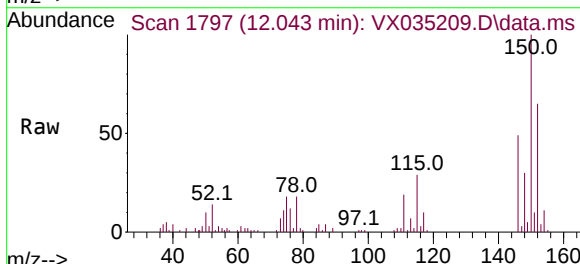


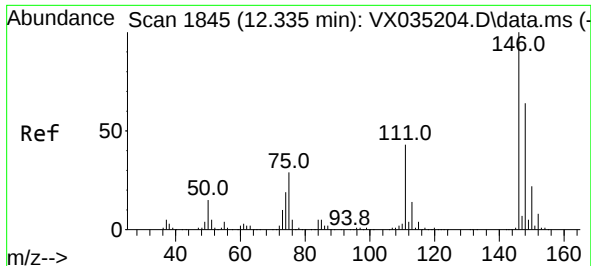
Tgt Ion:112 Resp: 10123
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 63.7 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 1.681 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035209.D
Acq: 20 Apr 2023 12:21

Tgt Ion:146 Resp: 9968
Ion Ratio Lower Upper
146 100
111 39.3 27.9 51.7
148 61.9 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1.264 ug/L

RT: 12.335 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035209.D

Acq: 20 Apr 2023 12:21

Instrument :

MSVOA_X

ClientSampleId :

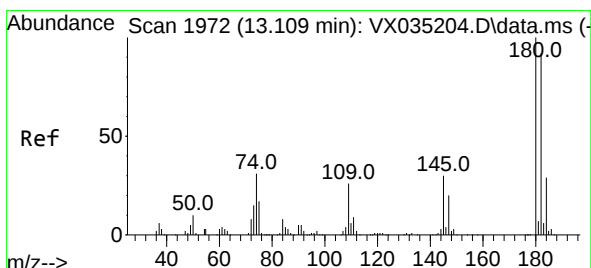
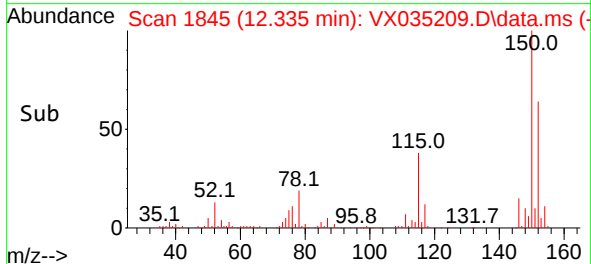
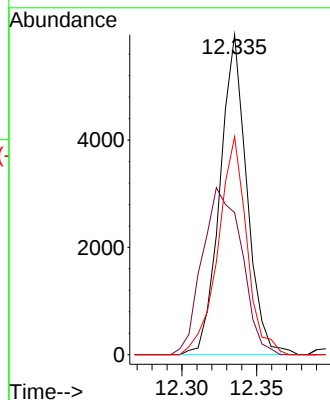
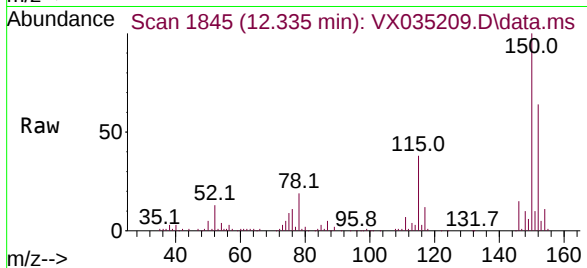
Tgt Ion:146 Resp: 7426

Ion Ratio Lower Upper

146 100

111 44.4 34.7 52.1

148 68.1 52.1 78.1



#69

1,3,5-Trichlorobenzene

Concen: 0.984 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX035209.D

Acq: 20 Apr 2023 12:21

Tgt Ion:180 Resp: 3526

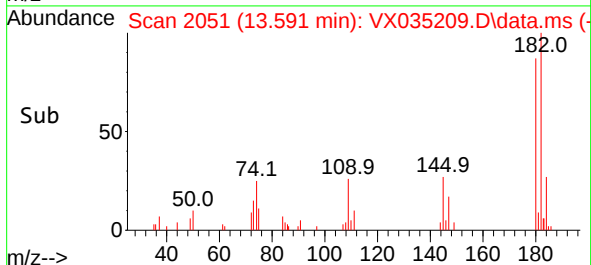
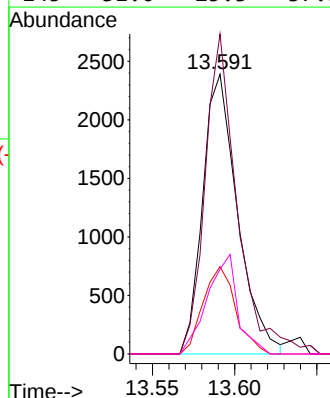
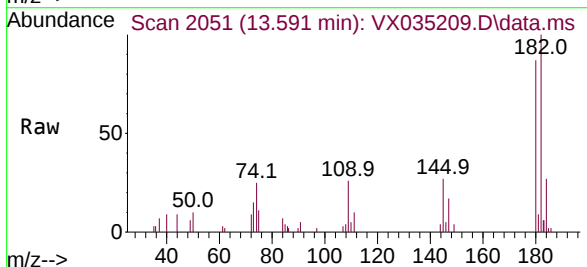
Ion Ratio Lower Upper

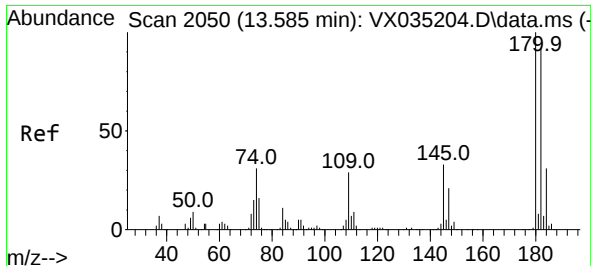
180 100

182 99.0 75.4 113.0

184 29.2 23.8 35.8

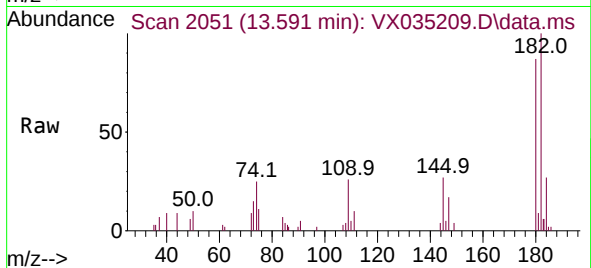
145 31.0 25.3 37.9



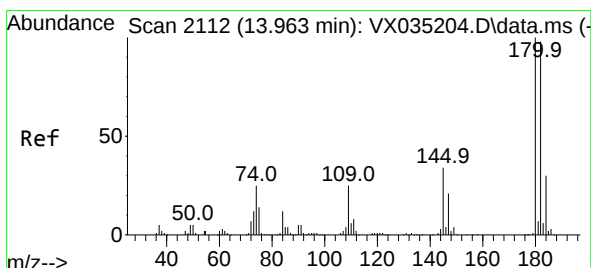
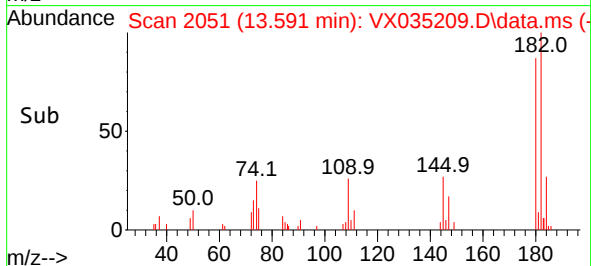
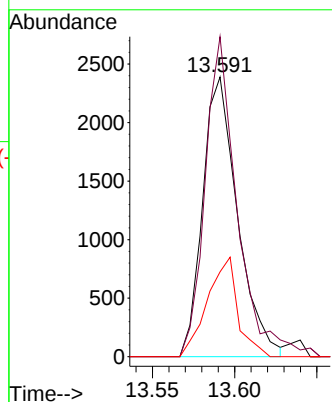


#70
1,2,4-trichlorobenzene
Concen: 1.051 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035209.D
Acq: 20 Apr 2023 12:21

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:180 Resp: 3526
Ion Ratio Lower Upper
180 100
182 99.0 76.6 114.8
145 31.0 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 0.963 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. -0.372 min
Lab File: VX035209.D
Acq: 20 Apr 2023 12:21

Tgt Ion:180 Resp: 3187
Ion Ratio Lower Upper
180 100
182 90.9 75.0 112.6
145 32.7 27.1 40.7

