

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035220.D
 Acq On : 20 Apr 2023 16:59
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:31:30 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)

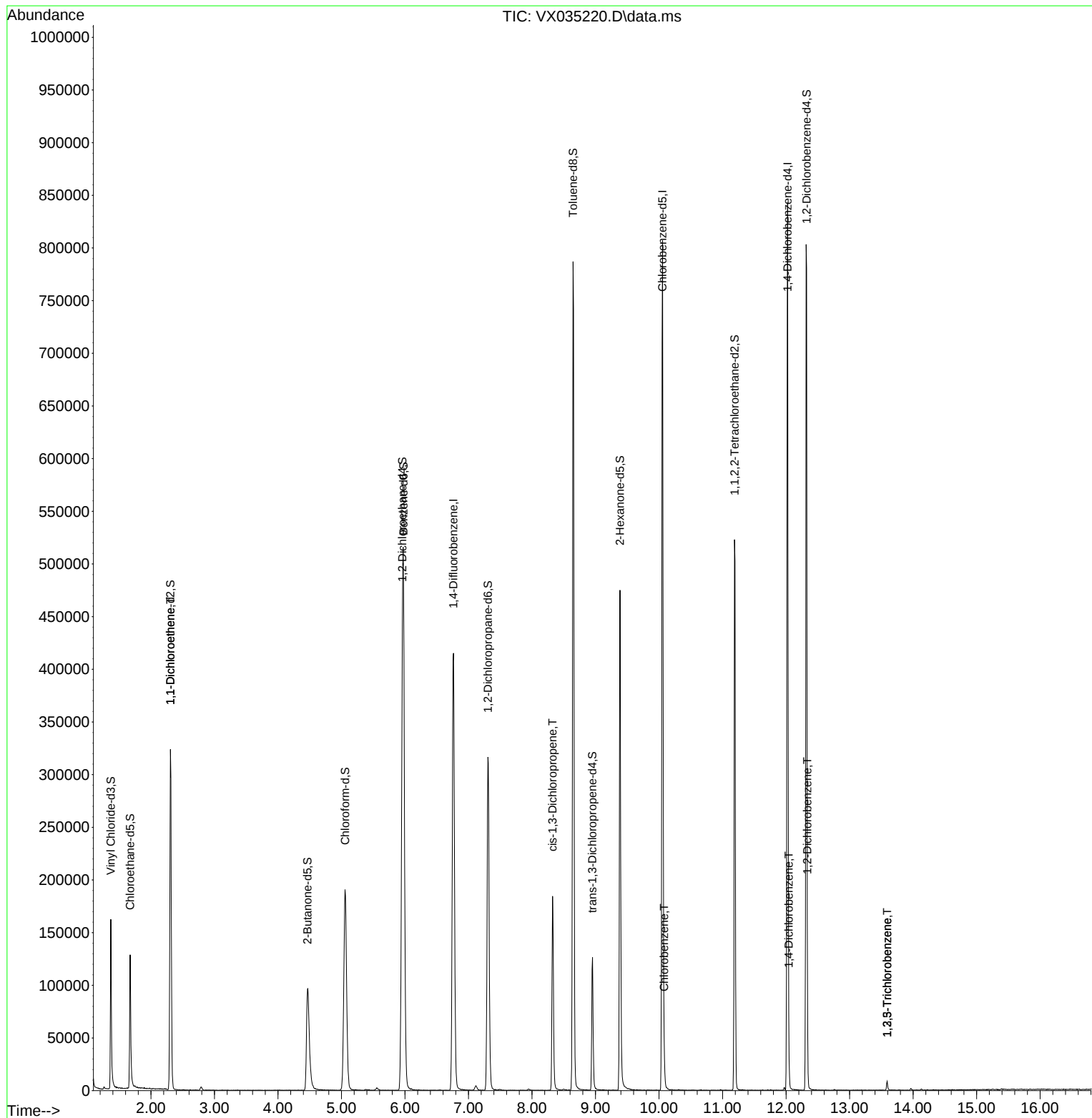
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	436783	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	373121	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	174357	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	110834	39.354	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.700%	
7) Chloroethane-d5	1.672	69	88354	43.415	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	86.840%	
11) 1,1-Dichloroethene-d2	2.306	65	58406	43.341	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.680%	
21) 2-Butanone-d5	4.465	46	193500	103.100	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	103.100%	
24) Chloroform-d	5.056	84	245945	46.371	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.740%	
26) 1,2-Dichloroethane-d4	5.958	65	164227	48.218	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.440%	
32) Benzene-d6	5.976	84	523601	48.851	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.700%	
36) 1,2-Dichloropropane-d6	7.306	67	164134	50.131	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	100.260%	
41) Toluene-d8	8.647	98	468659	47.843	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	95.680%	
43) trans-1,3-Dichloroprop...	8.952	79	61074	42.685	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	85.360%	
47) 2-Hexanone-d5	9.384	63	135665	103.185	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	103.180%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	206561	51.516	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.040%	
66) 1,2-Dichlorobenzene-d4	12.323	152	171360	50.716	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.440%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.306	96	1469	0.563	ug/L #	1
39) cis-1,3-Dichloropropene	8.324	75	4364	0.981	ug/L	84
51) Chlorobenzene	10.079	112	11225	1.453	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	8097	1.463	ug/L	90
67) 1,2-Dichlorobenzene	12.335	146	6478	1.182	ug/L	93
69) 1,3,5-Trichlorobenzene	13.591	180	2347	0.702	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.591	180	2222	0.719	ug/L	97

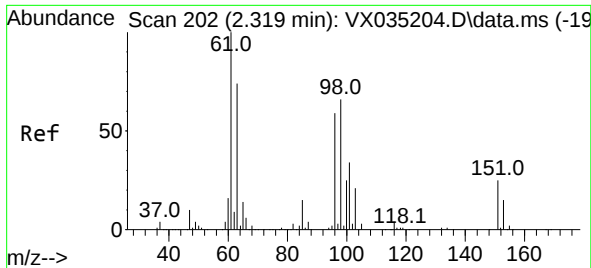
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 0.563 ug/L

RT: 2.306 min Scan# 200

Delta R.T. -0.012 min

Lab File: VX035220.D

Acq: 20 Apr 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

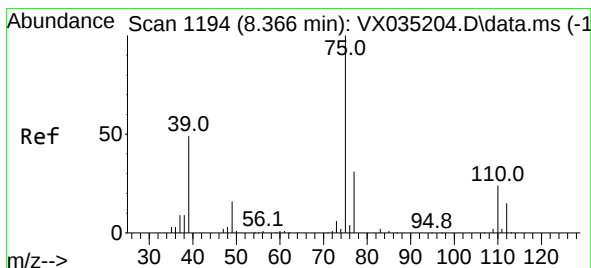
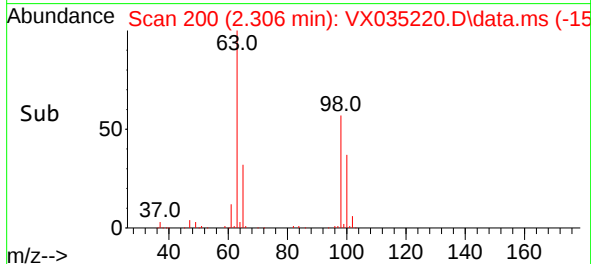
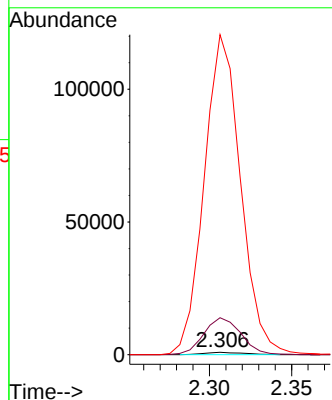
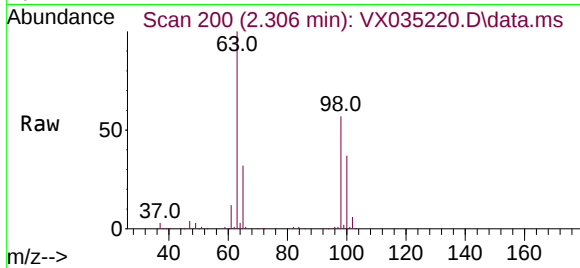
Tgt Ion: 96 Resp: 1469

Ion Ratio Lower Upper

96 100

61 1494.3 119.0 221.0#

63 12909.6 91.0 169.0#



#39

cis-1,3-Dichloropropene

Concen: 0.981 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX035220.D

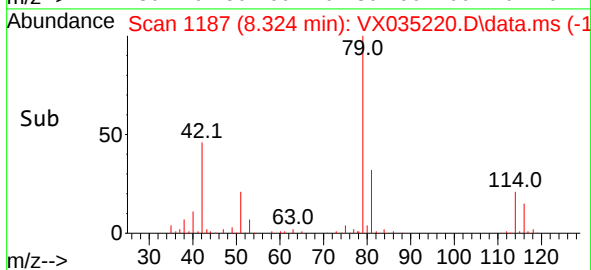
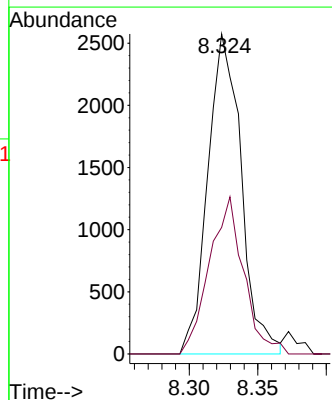
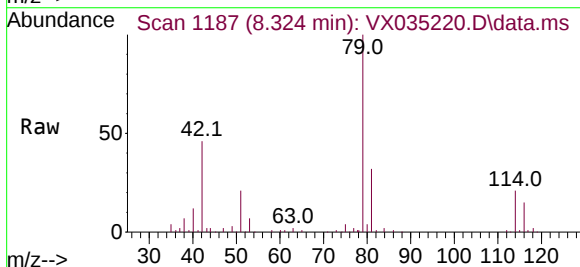
Acq: 20 Apr 2023 16:59

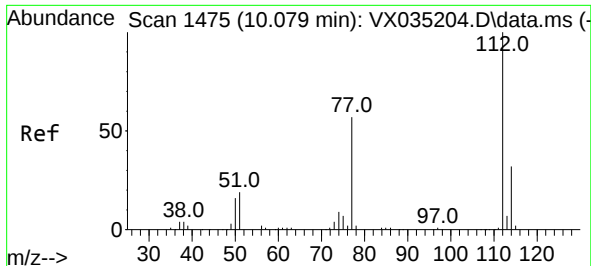
Tgt Ion: 75 Resp: 4364

Ion Ratio Lower Upper

75 100

77 39.5 21.4 39.8

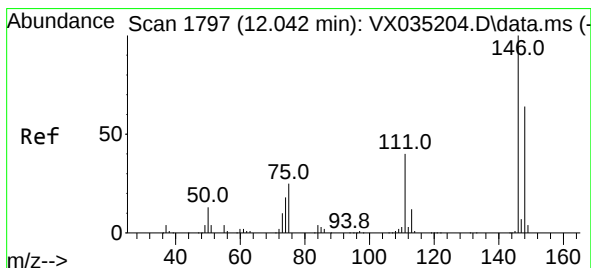
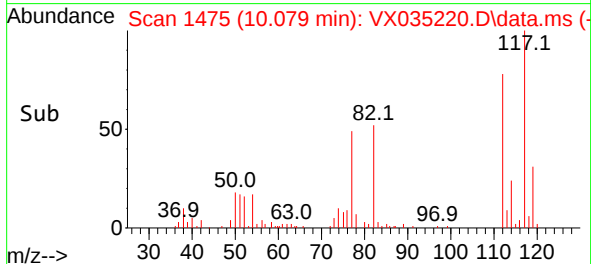
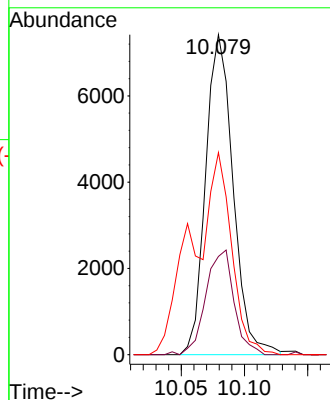
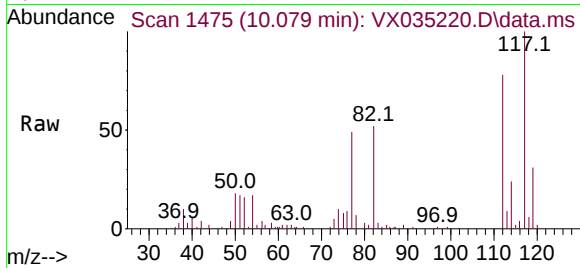




#51
Chlorobenzene
Concen: 1.453 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035220.D
Acq: 20 Apr 2023 16:59

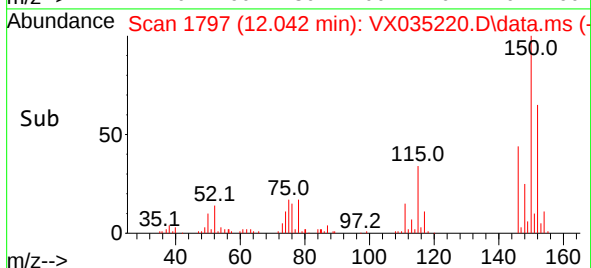
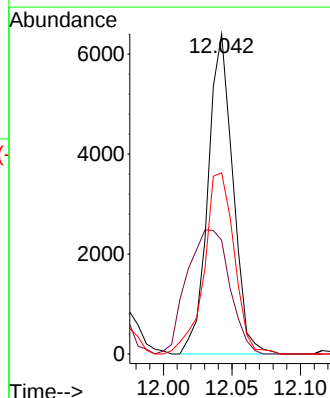
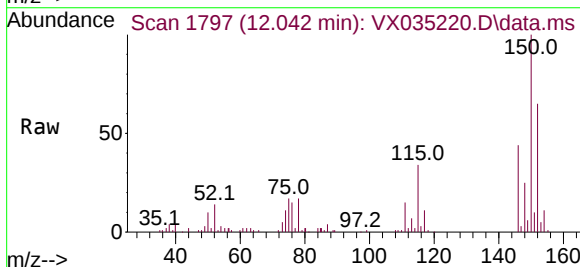
Instrument :
MSVOA_X
ClientSampleId :

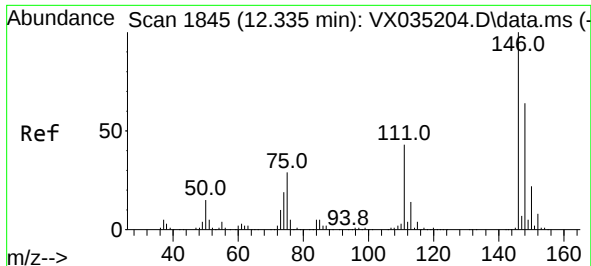
Tgt Ion:112 Resp: 11225
Ion Ratio Lower Upper
112 100
114 30.7 22.4 41.6
77 63.2 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 1.463 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035220.D
Acq: 20 Apr 2023 16:59

Tgt Ion:146 Resp: 8097
Ion Ratio Lower Upper
146 100
111 35.5 27.9 51.7
148 56.6 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1.182 ug/L

RT: 12.335 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035220.D

Acq: 20 Apr 2023 16:59

Instrument :

MSVOA_X

ClientSampleId :

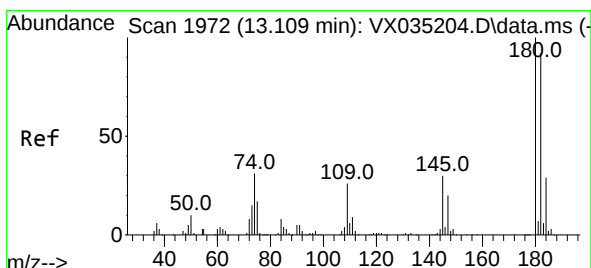
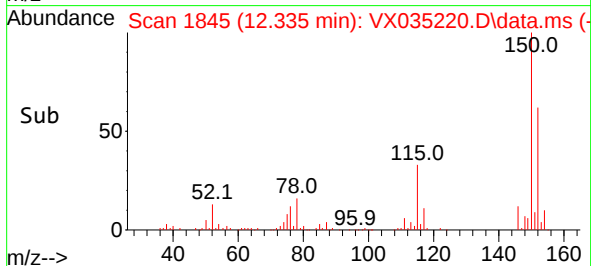
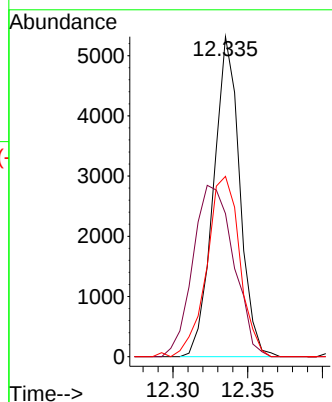
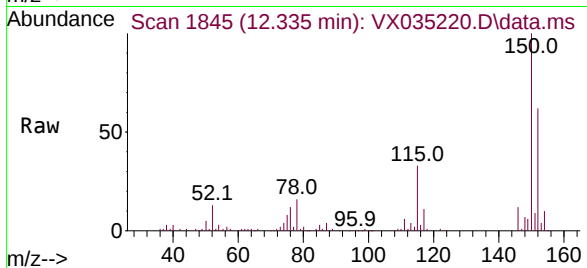
Tgt Ion:146 Resp: 6478

Ion Ratio Lower Upper

146 100

111 44.7 34.7 52.1

148 56.4 52.1 78.1



#69

1,3,5-Trichlorobenzene

Concen: 0.702 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.482 min

Lab File: VX035220.D

Acq: 20 Apr 2023 16:59

Tgt Ion:180 Resp: 2347

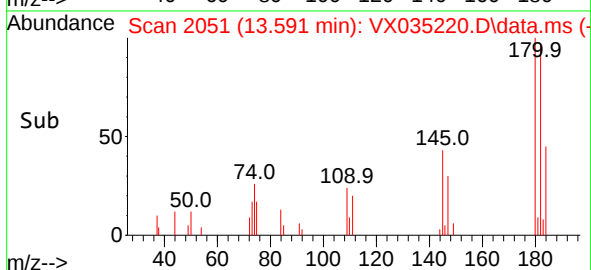
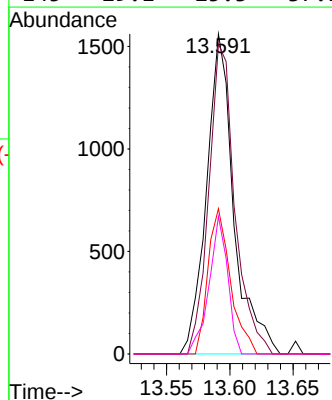
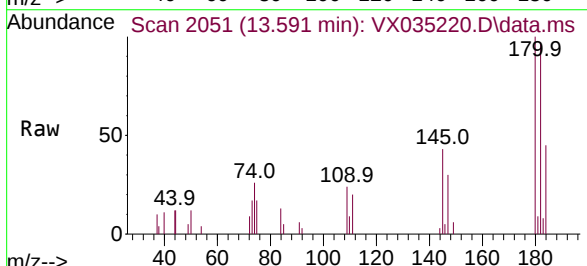
Ion Ratio Lower Upper

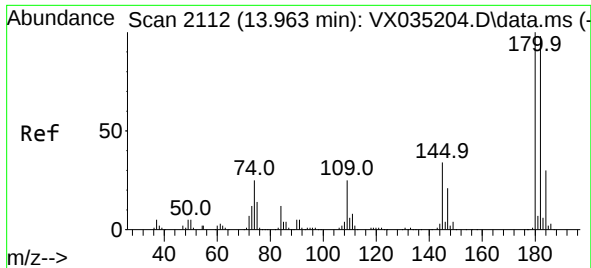
180 100

182 92.5 75.4 113.0

184 37.3 23.8 35.8#

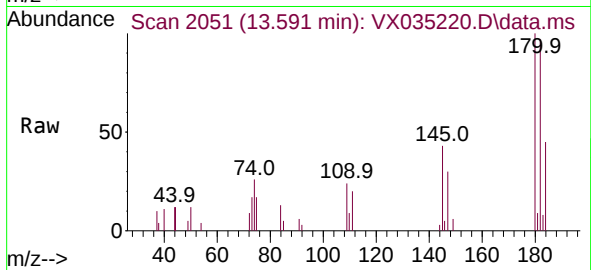
145 29.1 25.3 37.9





#72
 1,2,3-Trichlorobenzene
 Concen: 0.719 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. -0.372 min
 Lab File: VX035220.D
 Acq: 20 Apr 2023 16:59

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	2222
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.6
145	29.4	27.1	40.7

