

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035205.D
 Acq On : 20 Apr 2023 10:29
 Operator : JC/MD
 Sample : VX0420WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 23:27:59 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)

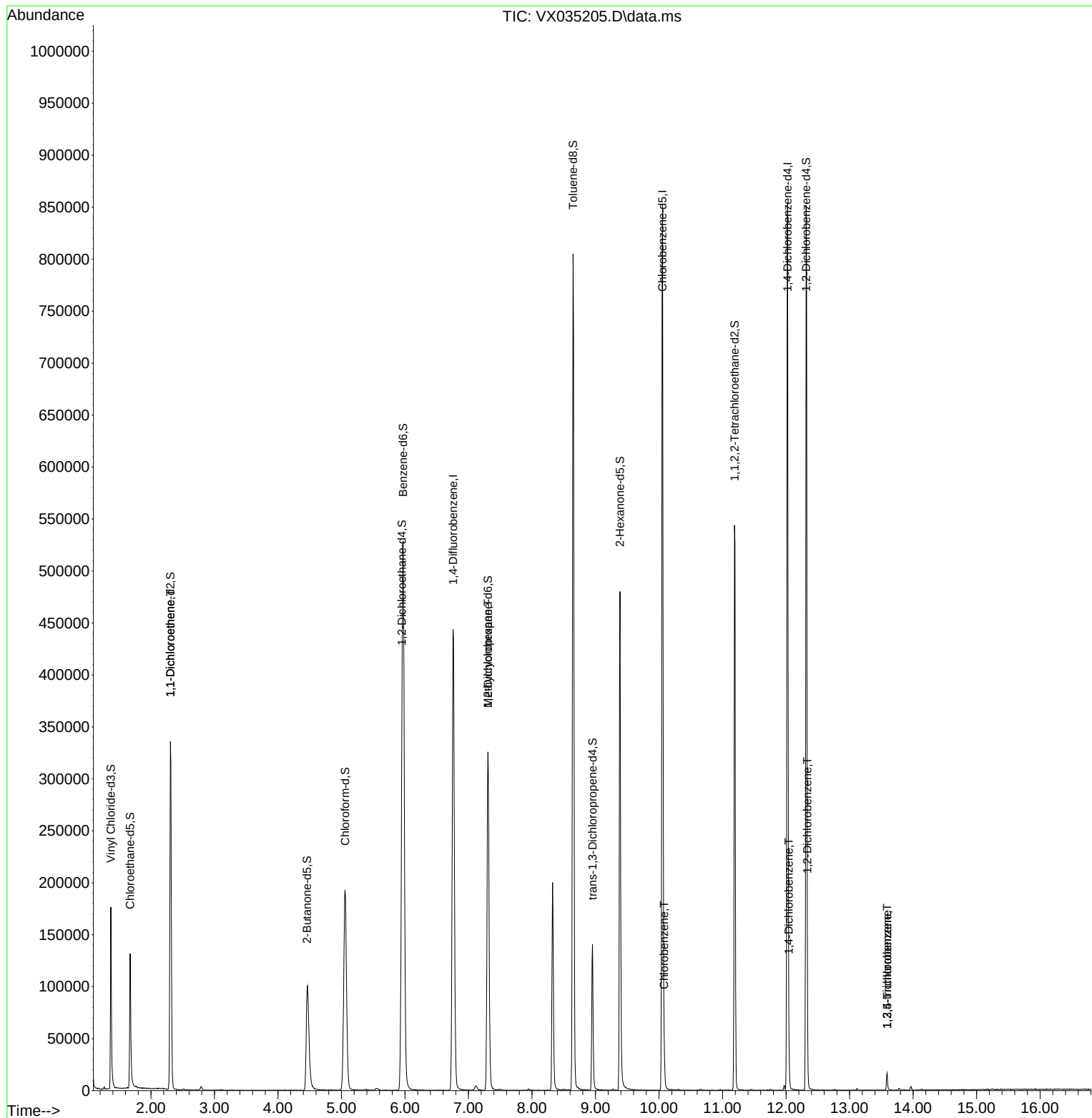
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	462573	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	394188	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186423	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	116363	39.013	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	78.020%	
7) Chloroethane-d5	1.672	69	90895	42.174	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	84.340%	
11) 1,1-Dichloroethene-d2	2.306	65	59950	42.007	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.020%	
21) 2-Butanone-d5	4.458	46	194255	97.731	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	97.730%	
24) Chloroform-d	5.056	84	250761	44.643	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	89.280%	
26) 1,2-Dichloroethane-d4	5.952	65	170283	47.208	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.420%	
32) Benzene-d6	5.970	84	541507	47.822	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.640%	
36) 1,2-Dichloropropane-d6	7.306	67	167985	48.566	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.140%	
41) Toluene-d8	8.647	98	478600	46.247	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.500%	
43) trans-1,3-Dichloroprop...	8.952	79	66185	43.784	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.560%	
47) 2-Hexanone-d5	9.384	63	138812	99.936	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	99.940%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	210481	49.688	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.380%	
66) 1,2-Dichlorobenzene-d4	12.317	152	175884	48.685	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.380%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1773	0.642	ug/L #	1
35) Methylcyclohexane	7.306	83	40474	9.464	ug/L #	19
51) Chlorobenzene	10.079	112	14198	1.740	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	13651	2.308	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	8924	1.522	ug/L	95
69) 1,3,5-Trichlorobenzene	13.591	180	4626	1.294	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	4626	1.382	ug/L	92

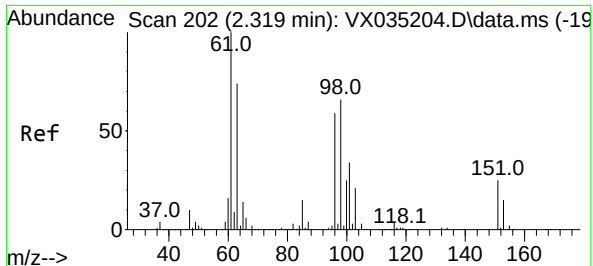
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Apr 20 23:27:59 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: 0.642 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX035205.D

Acq: 20 Apr 2023 10:29

Instrument :

MSVOA_X

ClientSampleId :

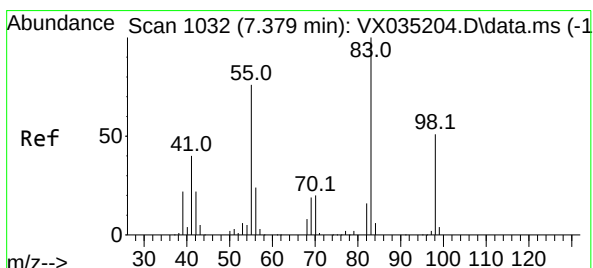
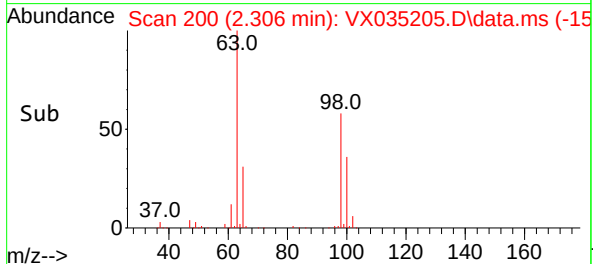
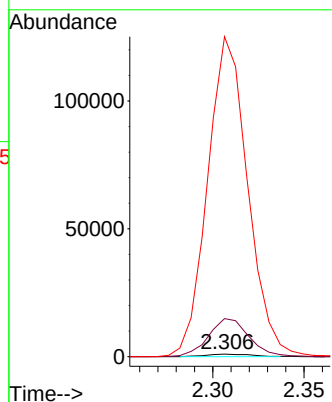
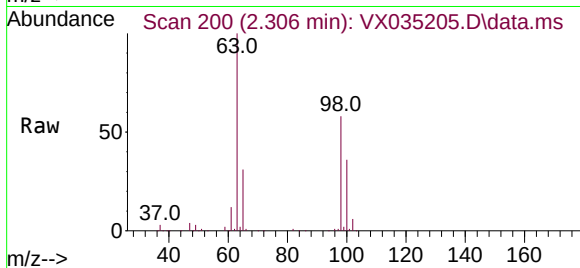
Tgt Ion: 96 Resp: 1773

Ion Ratio Lower Upper

96 100

61 1511.9 119.0 221.0#

63 12692.9 91.0 169.0#



#35

Methylcyclohexane

Concen: 9.464 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.073 min

Lab File: VX035205.D

Acq: 20 Apr 2023 10:29

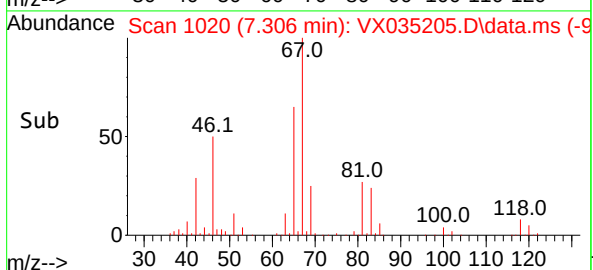
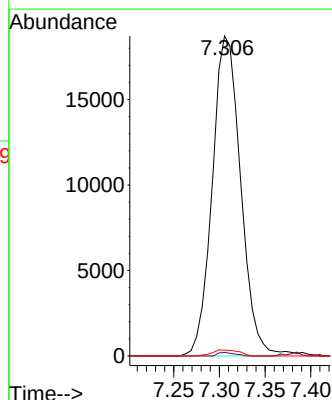
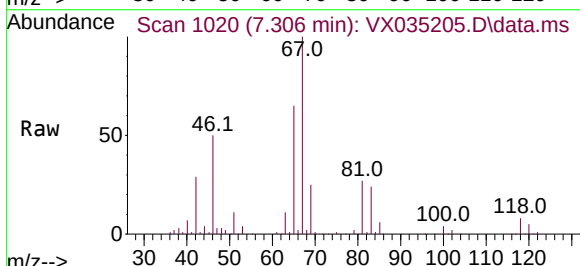
Tgt Ion: 83 Resp: 40474

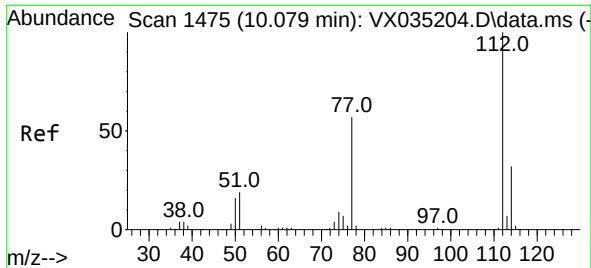
Ion Ratio Lower Upper

83 100

55 0.7 62.2 93.2#

98 1.8 39.3 58.9#

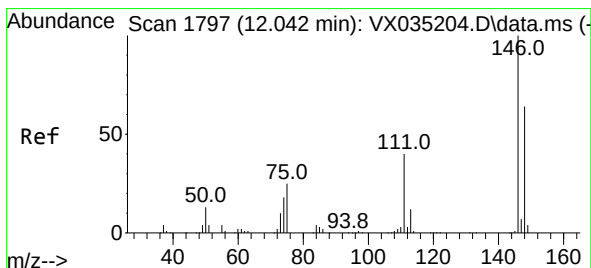
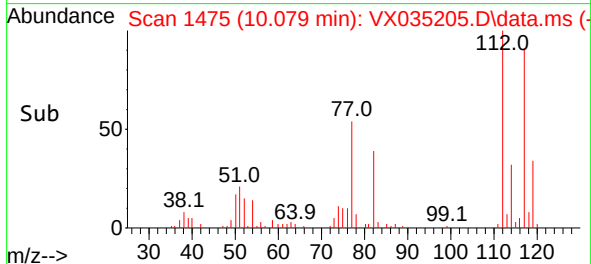
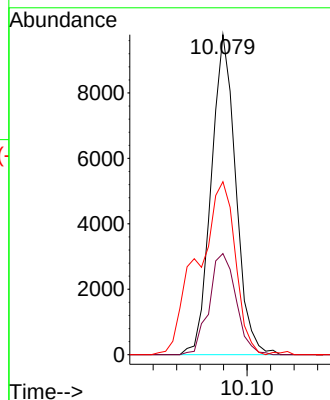
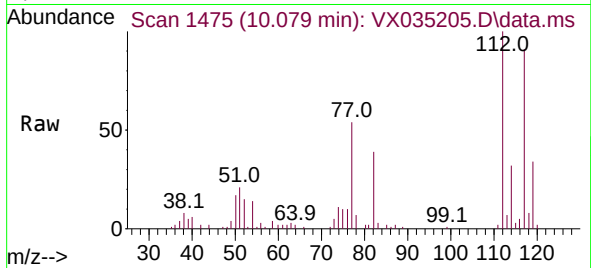




#51
Chlorobenzene
Concen: 1.740 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX035205.D
Acq: 20 Apr 2023 10:29

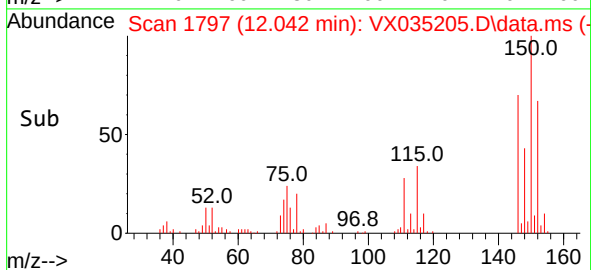
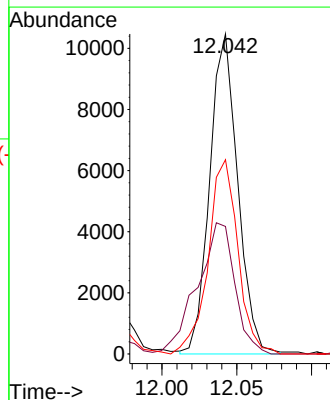
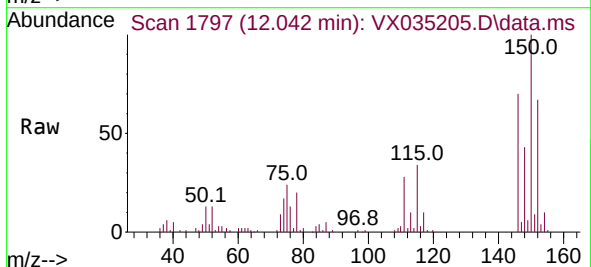
Instrument :
MSVOA_X
ClientSampleId :

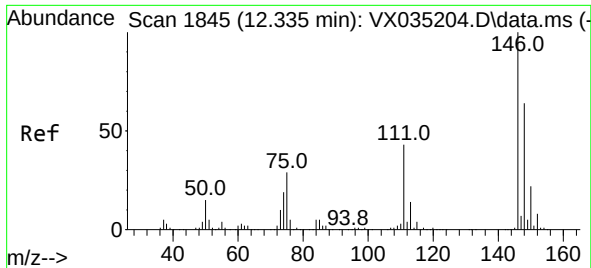
Tgt Ion:112 Resp: 14198
Ion Ratio Lower Upper
112 100
114 31.6 22.4 41.6
77 54.0 47.0 70.6



#65
1,4-Dichlorobenzene
Concen: 2.308 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035205.D
Acq: 20 Apr 2023 10:29

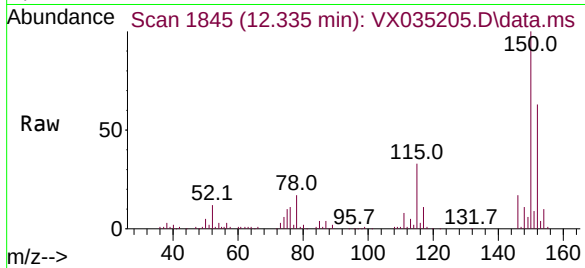
Tgt Ion:146 Resp: 13651
Ion Ratio Lower Upper
146 100
111 39.9 27.9 51.7
148 60.7 45.9 85.3



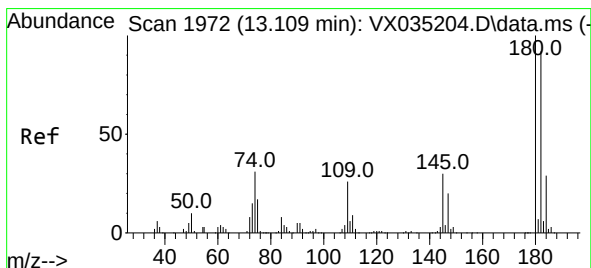
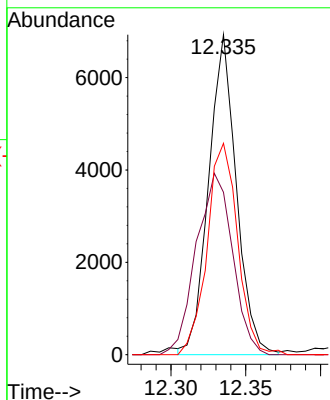
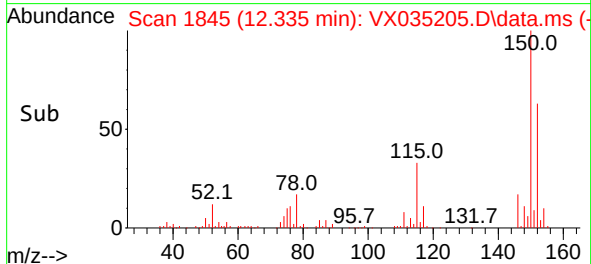


#67
1,2-Dichlorobenzene
Concen: 1.522 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035205.D
Acq: 20 Apr 2023 10:29

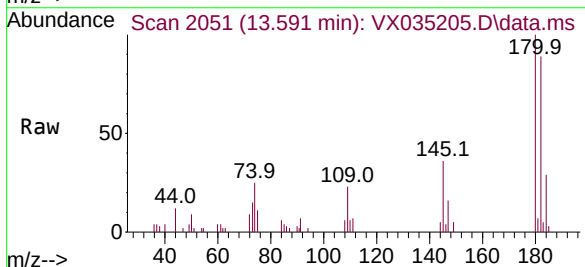
Instrument :
MSVOA_X
ClientSampleId :



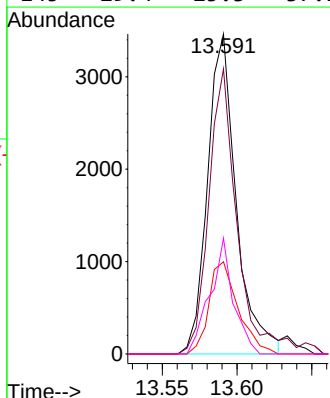
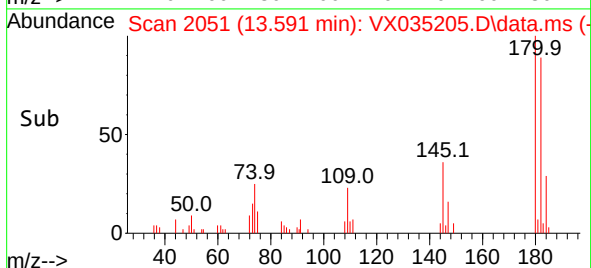
Tgt Ion:146 Resp: 8924
Ion Ratio Lower Upper
146 100
111 50.8 34.7 52.1
148 66.1 52.1 78.1

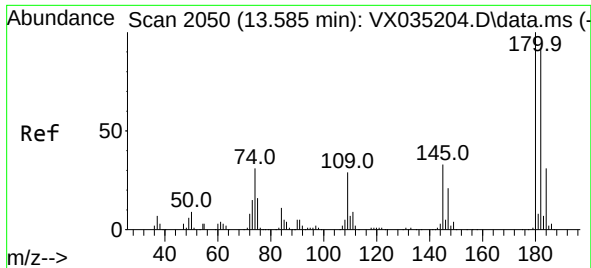


#69
1,3,5-Trichlorobenzene
Concen: 1.294 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.482 min
Lab File: VX035205.D
Acq: 20 Apr 2023 10:29



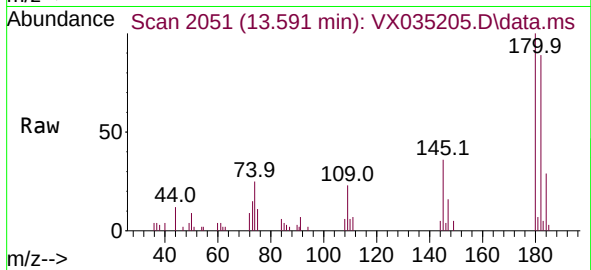
Tgt Ion:180 Resp: 4626
Ion Ratio Lower Upper
180 100
182 87.2 75.4 113.0
184 29.4 23.8 35.8
145 29.4 25.3 37.9





#70
 1,2,4-trichlorobenzene
 Concen: 1.382 ug/L
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX035205.D
 Acq: 20 Apr 2023 10:29

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	4626
Ion	Ratio	Lower	Upper
180	100		
182	87.2	76.6	114.8
145	29.4	26.2	39.4

