

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122121\
 Data File : VX025946.D
 Acq On : 21 Dec 2021 11:00
 Operator : JC/MD
 Sample : VX1221WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK655

Quant Time: Dec 22 05:36:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 22 05:35:20 2021
 Response via : Initial Calibration

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

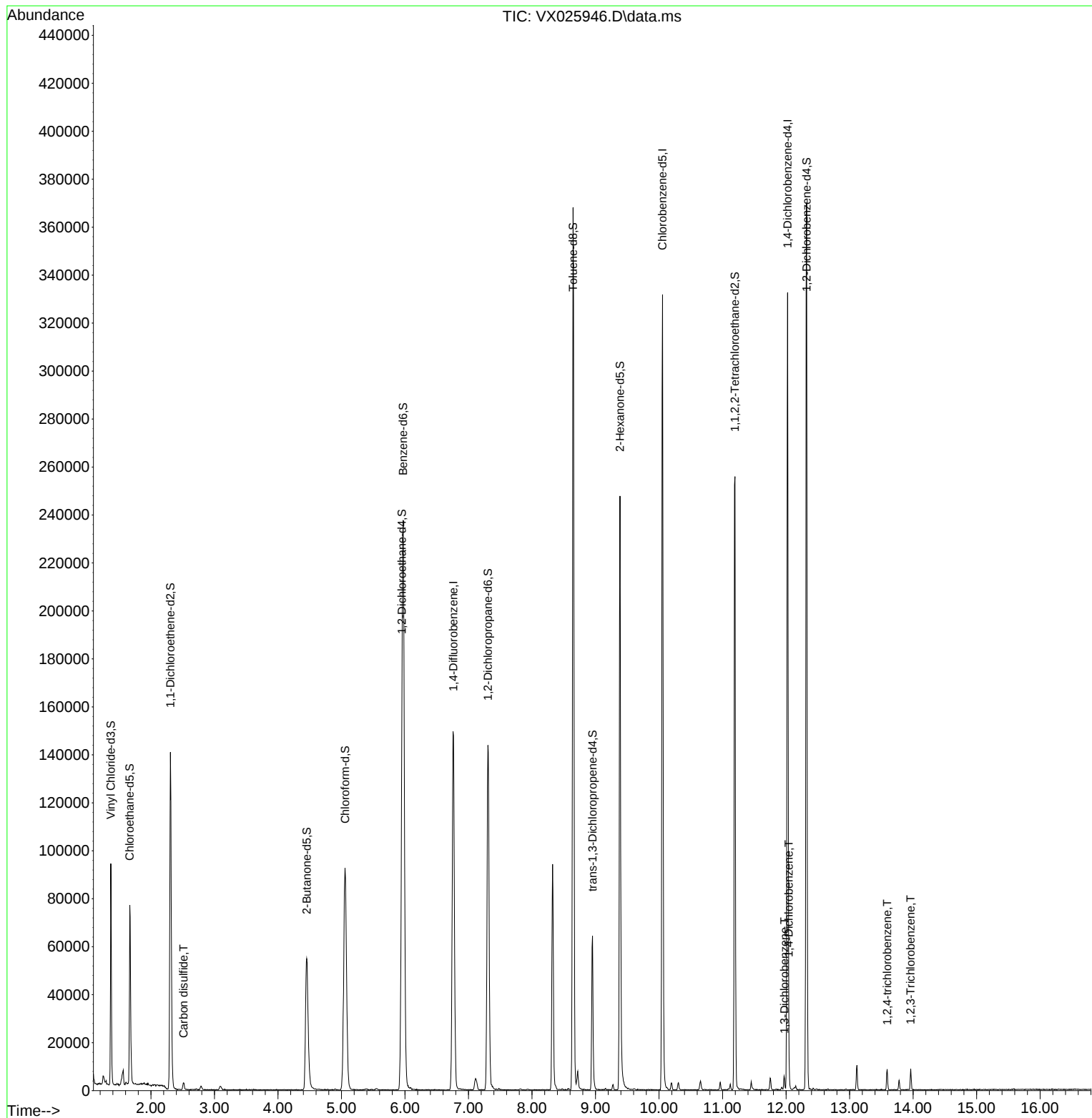
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	148789	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143266	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	55086	45.922	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.840%
7) Chloroethane-d5	1.666	69	50337	50.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.500%
11) 1,1-Dichloroethene-d2	2.306	63	79707	38.257	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.520%
21) 2-Butanone-d5	4.452	46	98075	113.334	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.330%
24) Chloroform-d	5.056	84	115497	50.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.460%
26) 1,2-Dichloroethane-d4	5.952	65	80885	53.934	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.860%
32) Benzene-d6	5.970	84	228429	52.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.260%
36) 1,2-Dichloropropane-d6	7.305	67	70433	53.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.560%
41) Toluene-d8	8.647	98	207042	50.237	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.480%
43) trans-1,3-Dichloroprop...	8.952	79	28591	48.982	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.960%
47) 2-Hexanone-d5	9.384	63	66801	112.407	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.410%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	98269	52.471	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.940%
66) 1,2-Dichlorobenzene-d4	12.323	152	70641	50.763	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.520%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.514	76	3602	1.318	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	1772	0.819	ug/L	94
65) 1,4-Dichlorobenzene	12.042	146	2125	0.981	ug/L	92
70) 1,2,4-trichlorobenzene	13.591	180	2093	1.828	ug/L	93
72) 1,2,3-Trichlorobenzene	13.963	180	1823	1.590	ug/L	94

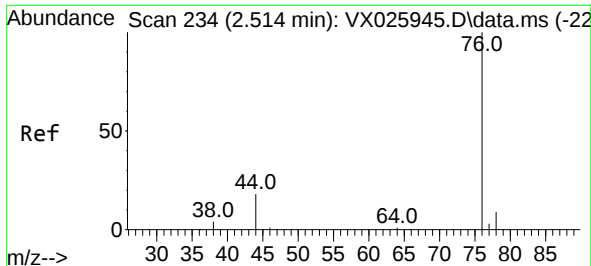
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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VBLK655

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Quant Title : VOC Analysis
QLast Update : Wed Dec 22 05:35:20 2021
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 1.318 ug/L

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025946.D

Acq: 21 Dec 2021 11:00

Instrument :

MSVOA_X

ClientSampleId :

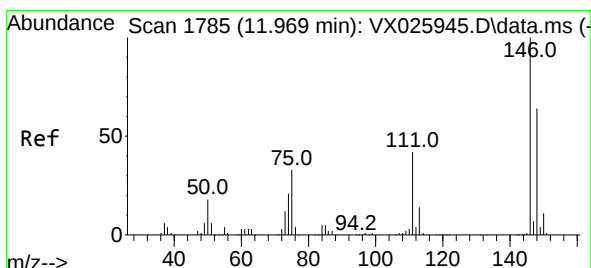
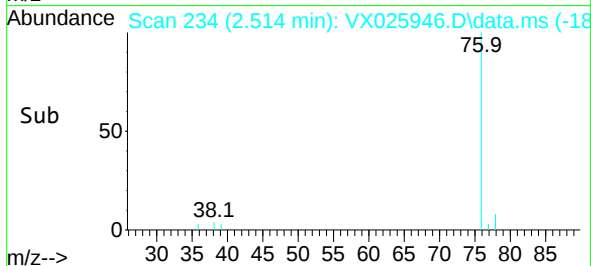
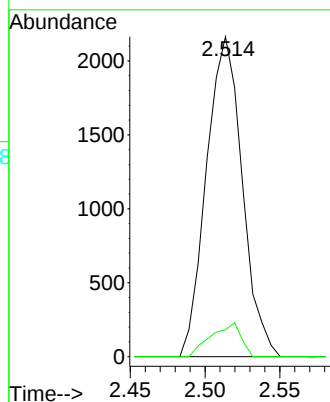
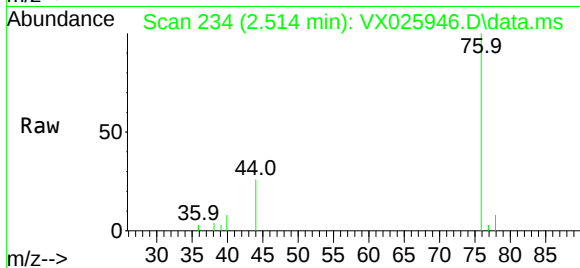
VBLK655

Tgt Ion: 76 Resp: 3602

Ion Ratio Lower Upper

76 100

78 8.4 7.4 11.2



#64

1,3-Dichlorobenzene

Concen: 0.819 ug/L

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX025946.D

Acq: 21 Dec 2021 11:00

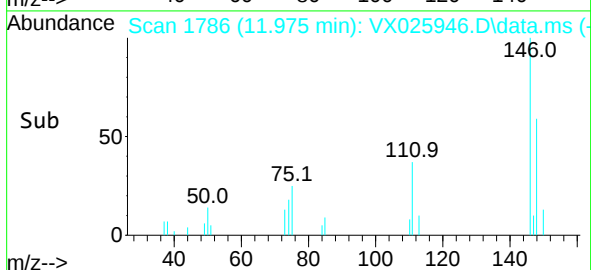
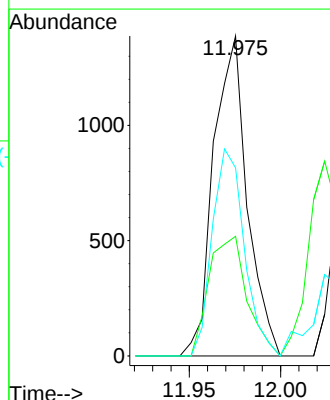
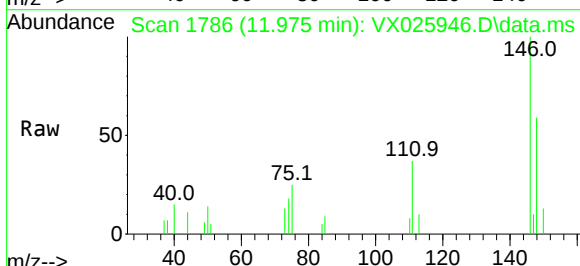
Tgt Ion:146 Resp: 1772

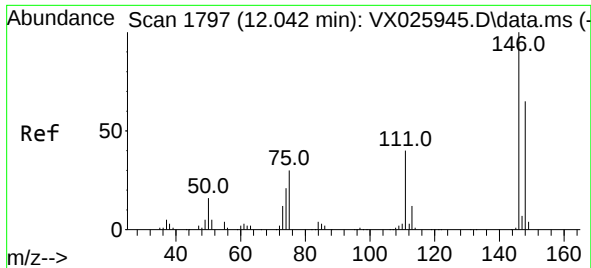
Ion Ratio Lower Upper

146 100

111 37.4 27.6 51.2

148 58.8 45.2 84.0

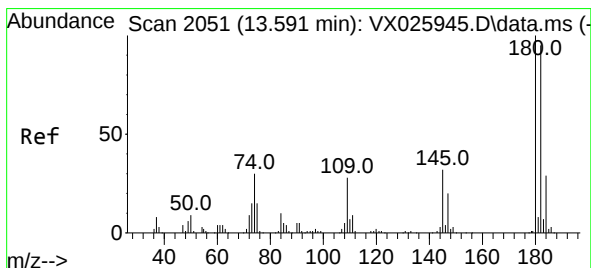
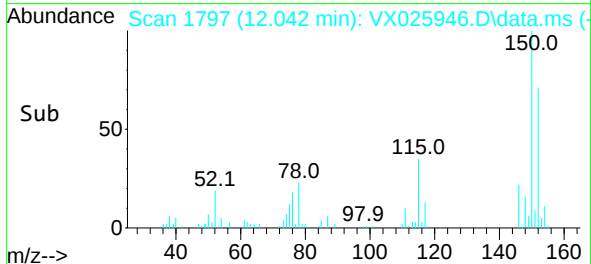
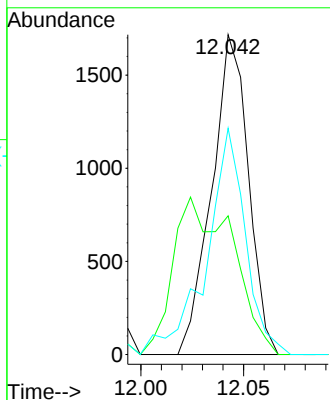
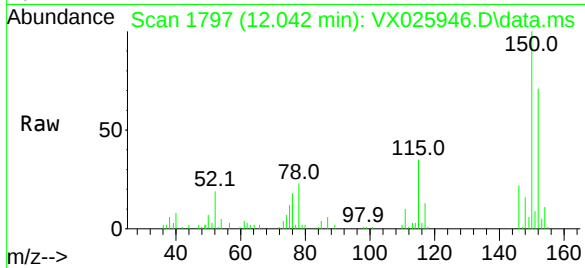




#65
1,4-Dichlorobenzene
Concen: 0.981 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX025946.D
Acq: 21 Dec 2021 11:00

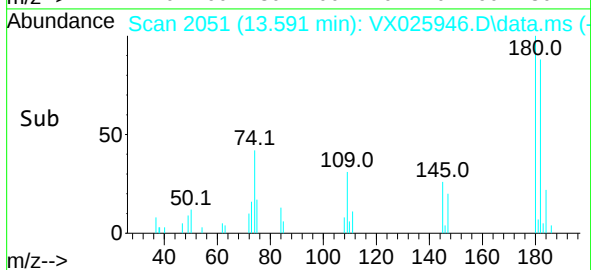
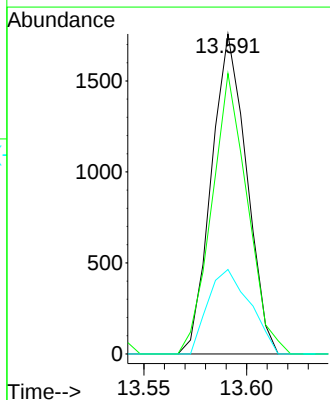
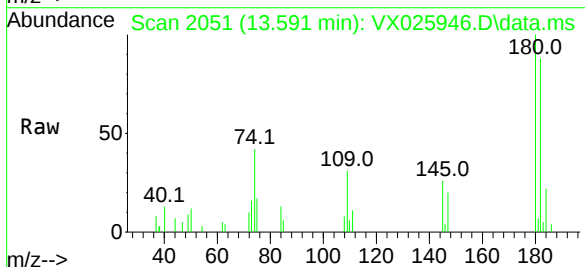
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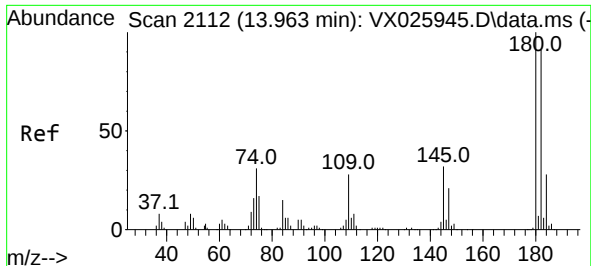
Tgt Ion:	146	Resp:	2125
Ion	Ratio	Lower	Upper
146	100		
111	43.4	26.5	49.3
148	70.8	45.5	84.5



#70
1,2,4-trichlorobenzene
Concen: 1.828 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX025946.D
Acq: 21 Dec 2021 11:00

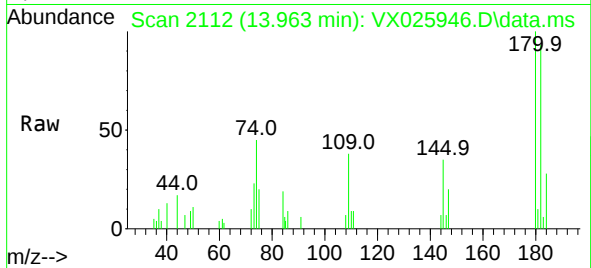
Tgt Ion:	180	Resp:	2093
Ion	Ratio	Lower	Upper
180	100		
182	88.6	78.2	117.4
145	31.6	24.7	37.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.590 ug/L
 RT: 13.963 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VX025946.D
 Acq: 21 Dec 2021 11:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK655



Tgt Ion:180 Resp: 1823
 Ion Ratio Lower Upper
 180 100
 182 97.8 75.2 112.8
 145 38.2 25.8 38.6

