

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
 Data File : VU050581.D
 Acq On : 01 Sep 2022 15:23
 Operator : SY/MD
 Sample : N4458-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KW3

Quant Time: Sep 02 02:09:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 02 02:07:32 2022
 Response via : Initial Calibration

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

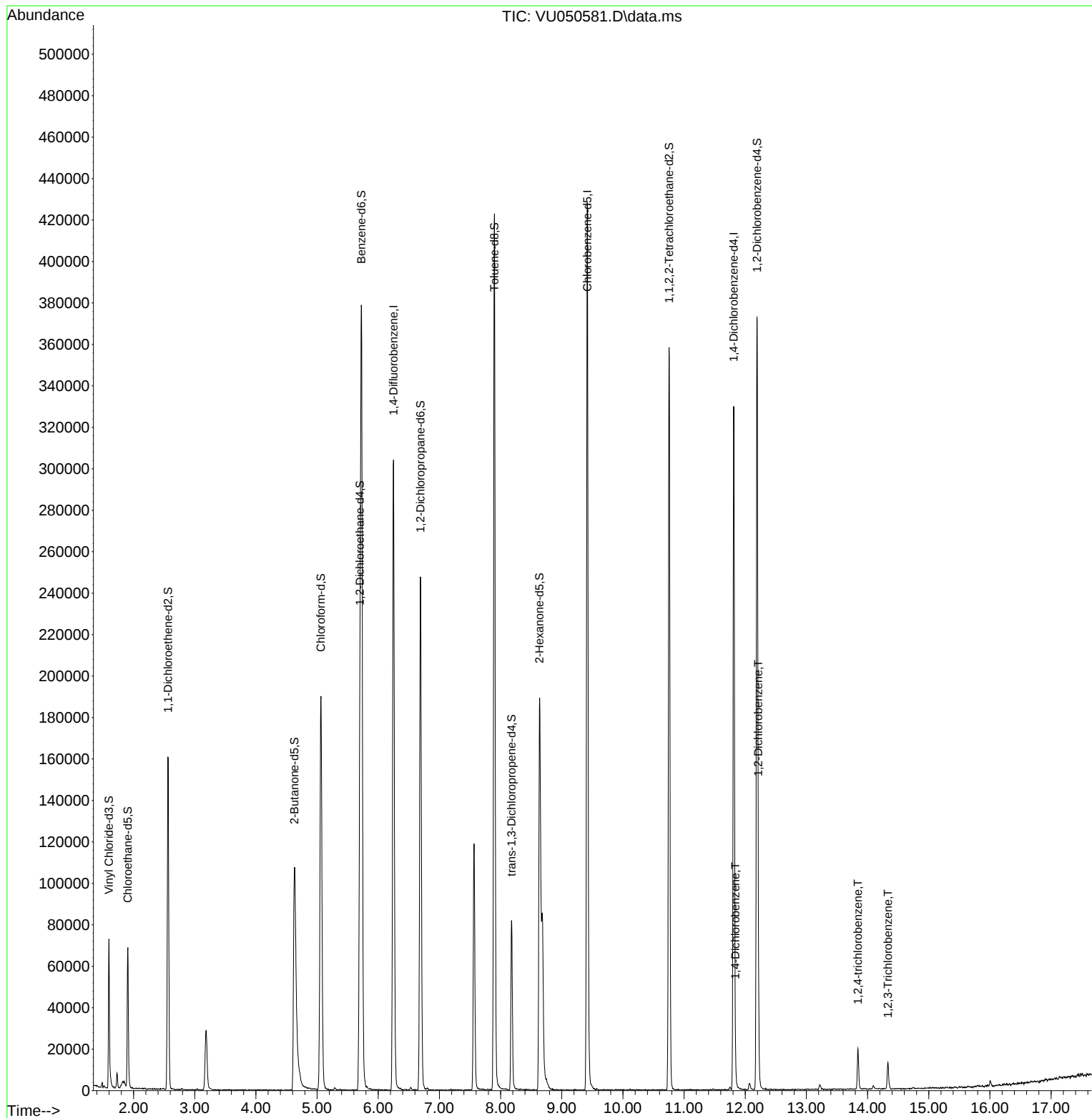
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	252711	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	247357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90576	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56426	29.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.220%#
7) Chloroethane-d5	1.906	69	49926	33.039	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.080%#
11) 1,1-Dichloroethene-d2	2.562	63	95886	29.301	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.600%#
21) 2-Butanone-d5	4.629	46	141176	83.285	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.280%
24) Chloroform-d	5.063	84	183163	48.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.140%
26) 1,2-Dichloroethane-d4	5.700	65	126218	51.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
32) Benzene-d6	5.726	84	354248	46.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.420%
36) 1,2-Dichloropropane-d6	6.690	67	123015	48.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.380%
41) Toluene-d8	7.899	98	291352	43.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
43) trans-1,3-Dichloroprop...	8.179	79	49049	47.776	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.560%
47) 2-Hexanone-d5	8.635	63	59915	64.824	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	64.820%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	182527	45.842	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	12.192	152	99752	50.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.740%
Target Compounds						
					Qvalue	
65) 1,4-Dichlorobenzene	11.838	146	3452	1.105	ug/L	94
67) 1,2-Dichlorobenzene	12.211	146	14532	4.350	ug/L	94
70) 1,2,4-trichlorobenzene	13.841	180	6617	3.528	ug/L	95
72) 1,2,3-Trichlorobenzene	14.333	180	5118	2.361	ug/L	98

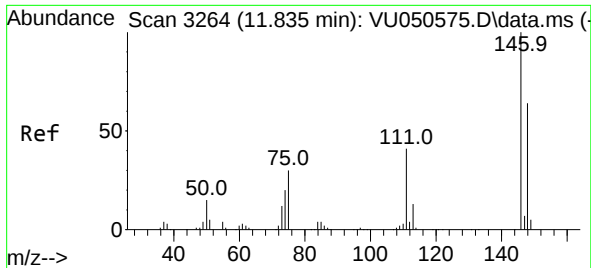
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 02 02:07:32 2022
Response via : Initial Calibration

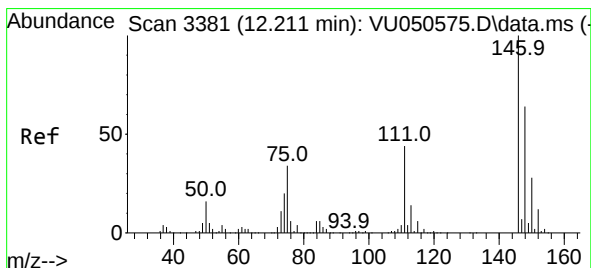
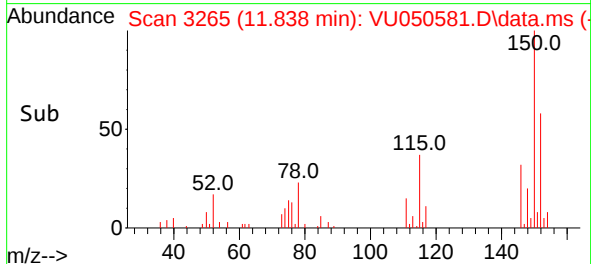
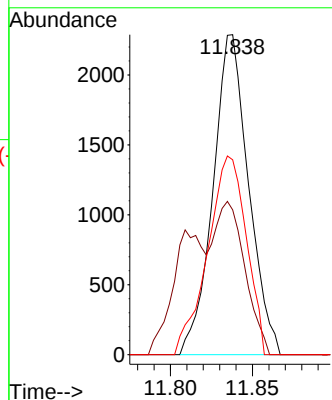
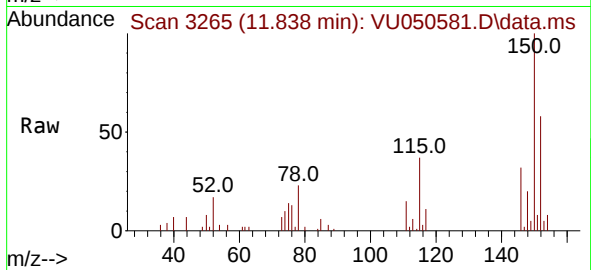




#65
1,4-Dichlorobenzene
Concen: 1.105 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050581.D
Acq: 01 Sep 2022 15:23

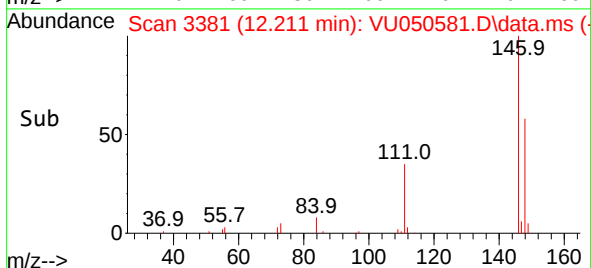
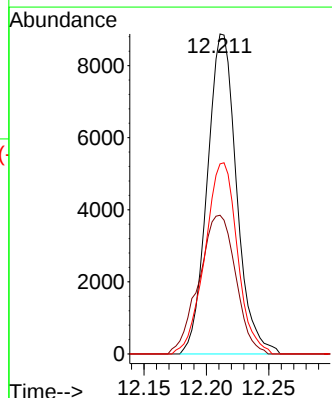
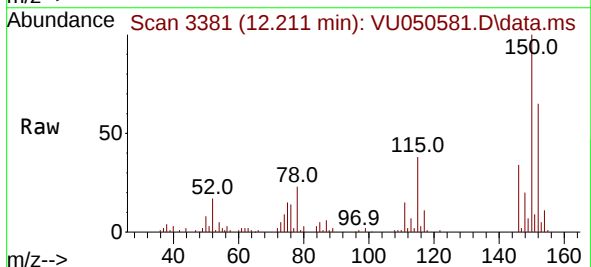
Instrument :
MSVOA_U
ClientSampleId :
C0KW3

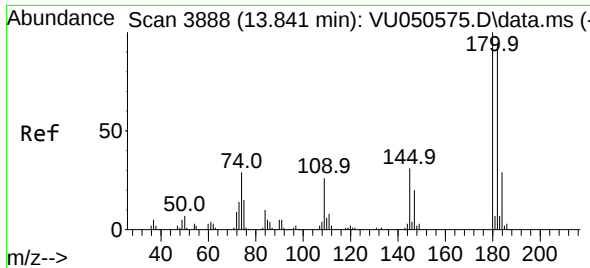
Tgt Ion:146 Resp: 3452
Ion Ratio Lower Upper
146 100
111 45.2 28.2 52.4
148 60.9 45.0 83.6



#67
1,2-Dichlorobenzene
Concen: 4.350 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.000 min
Lab File: VU050581.D
Acq: 01 Sep 2022 15:23

Tgt Ion:146 Resp: 14532
Ion Ratio Lower Upper
146 100
111 40.9 33.4 50.2
148 56.0 49.9 74.9

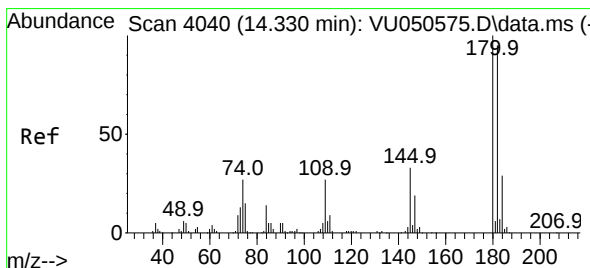
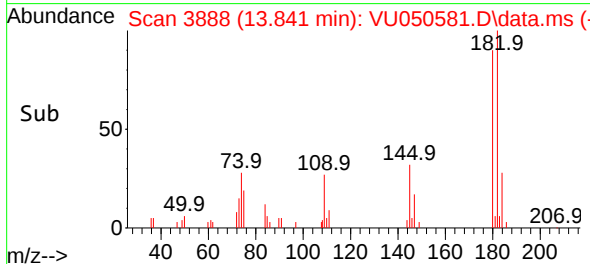
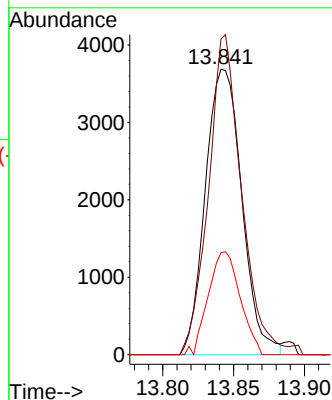
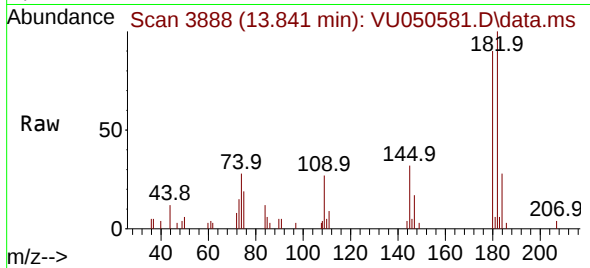




#70
 1,2,4-trichlorobenzene
 Concen: 3.528 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU050581.D
 Acq: 01 Sep 2022 15:23

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KW3

Tgt Ion:180 Resp: 6617
 Ion Ratio Lower Upper
 180 100
 182 101.3 76.6 115.0
 145 31.1 24.2 36.4



#72
 1,2,3-Trichlorobenzene
 Concen: 2.361 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. 0.003 min
 Lab File: VU050581.D
 Acq: 01 Sep 2022 15:23

Tgt Ion:180 Resp: 5118
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.0 114.0
 145 35.8 26.2 39.2

