

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032823\
 Data File : VU053431.D
 Acq On : 28 Mar 2023 14:20
 Operator : JC/MD
 Sample : 02085-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMB1

Quant Time: Mar 29 01:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 29 01:10:06 2023
 Response via : Initial Calibration

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

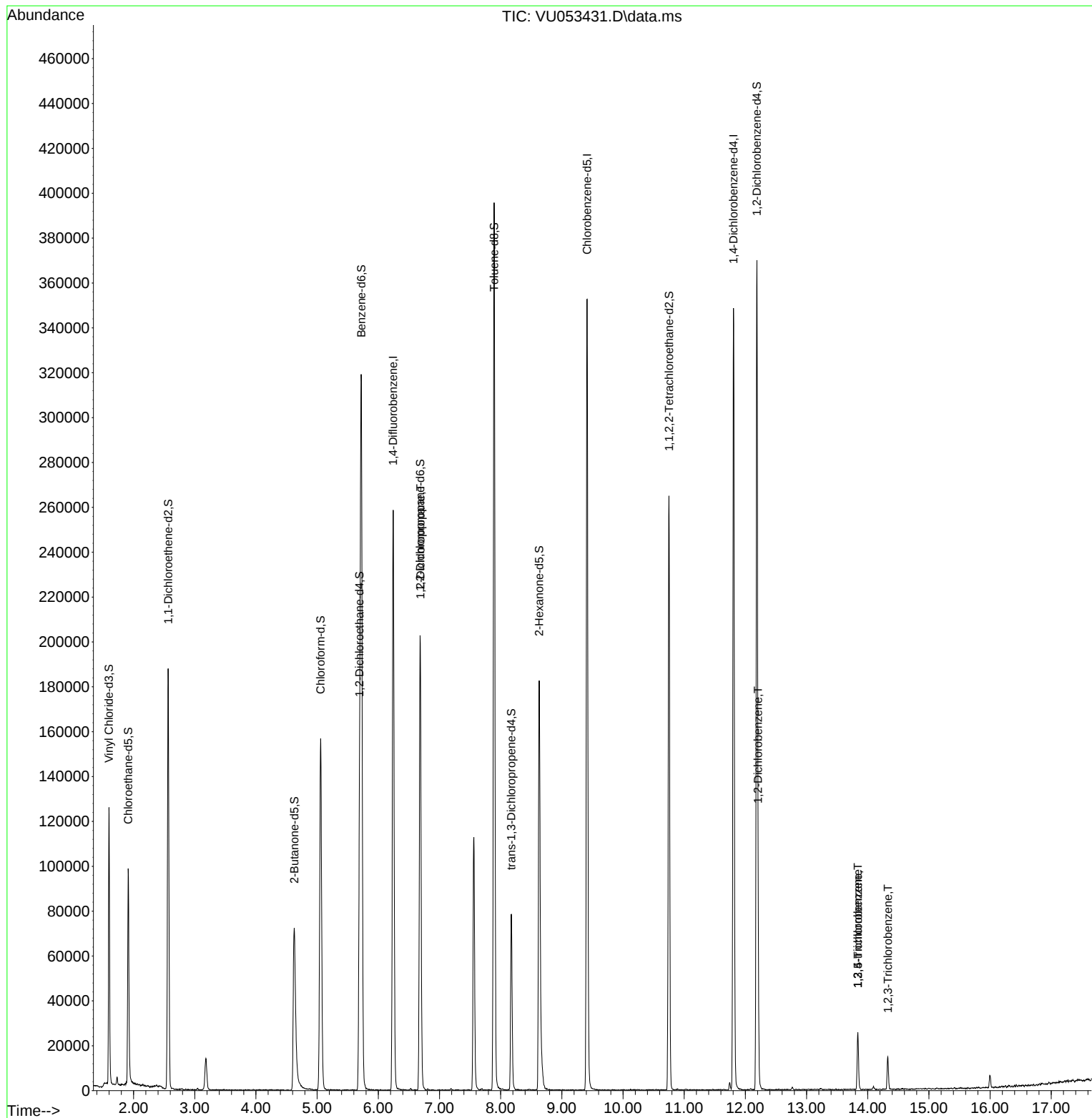
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	209104	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	192130	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	90007	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89691	46.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.980%
7) Chloroethane-d5	1.912	69	70903	45.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.880%
11) 1,1-Dichloroethene-d2	2.565	63	111373	33.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.660%
21) 2-Butanone-d5	4.626	46	106761	119.323	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.320%
24) Chloroform-d	5.057	84	139849	44.014	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.020%
26) 1,2-Dichloroethane-d4	5.694	65	95008	48.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.300%
32) Benzene-d6	5.723	84	288013	46.217	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
36) 1,2-Dichloropropane-d6	6.684	67	98226	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	7.893	98	264185	45.533	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.060%
43) trans-1,3-Dichloroprop...	8.173	79	45032	45.380	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.760%
47) 2-Hexanone-d5	8.629	63	60502	96.218	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	128399	49.281	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.560%
66) 1,2-Dichlorobenzene-d4	12.189	152	91671	52.600	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.687	63	10645	5.728	ug/L	# 90
67) 1,2-Dichlorobenzene	12.208	146	14423	4.838	ug/L	98
69) 1,3,5-Trichlorobenzene	13.838	180	8410	4.448	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	8410	4.950	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	4807	2.983	ug/L	96

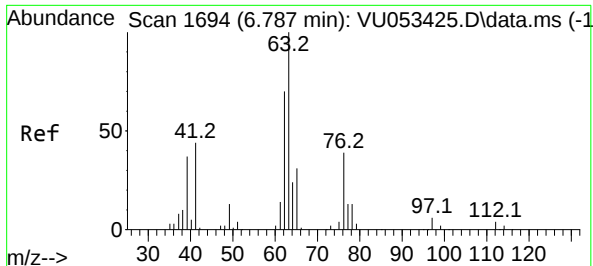
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Mar 29 01:10:06 2023
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 5.728 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053431.D

Acq: 28 Mar 2023 14:20

Instrument :

MSVOA_U

ClientSampleId :

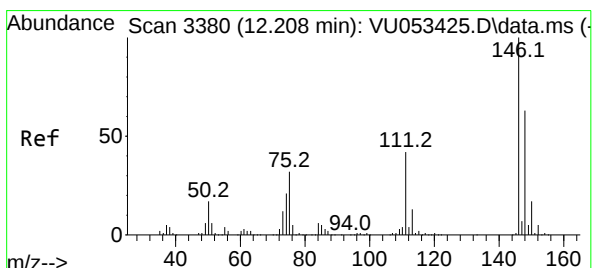
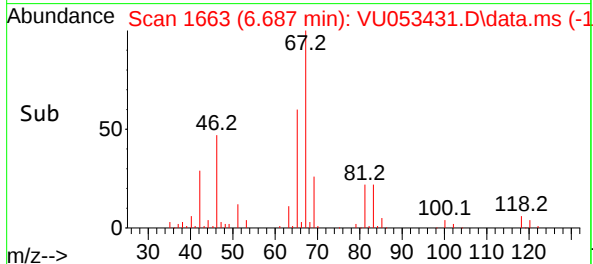
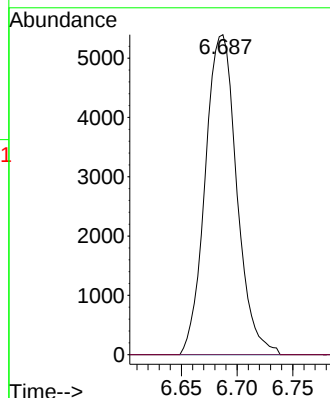
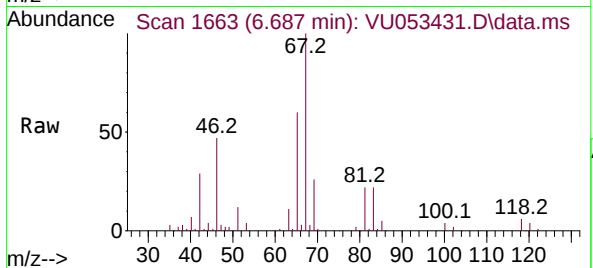
COMB1

Tgt Ion: 63 Resp: 10645

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#



#67

1,2-Dichlorobenzene

Concen: 4.838 ug/L

RT: 12.208 min Scan# 3380

Delta R.T. -0.000 min

Lab File: VU053431.D

Acq: 28 Mar 2023 14:20

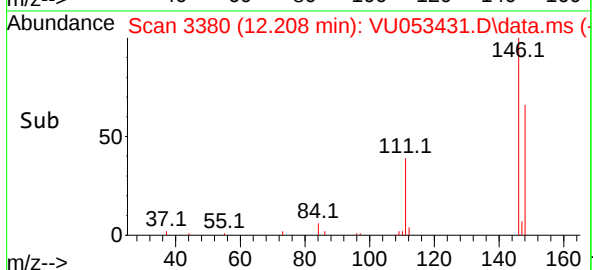
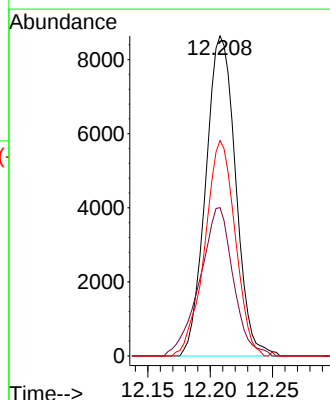
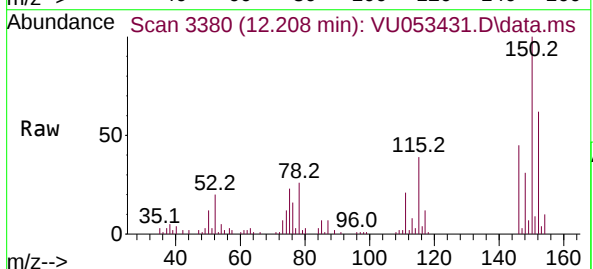
Tgt Ion: 146 Resp: 14423

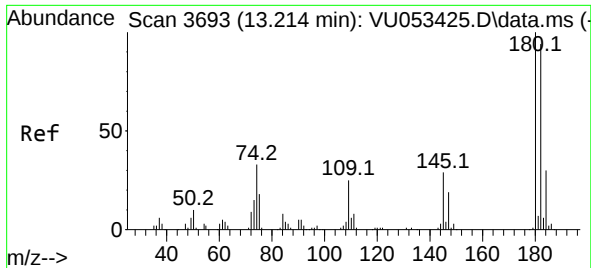
Ion Ratio Lower Upper

146 100

111 46.3 37.0 55.4

148 67.3 51.4 77.2





#69

1,3,5-Trichlorobenzene

Concen: 4.448 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.624 min

Lab File: VU053431.D

Acq: 28 Mar 2023 14:20

Instrument :

MSVOA_U

ClientSampleId :

COMB1

Tgt Ion:180 Resp: 8410

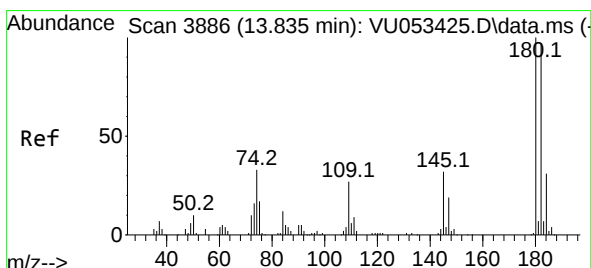
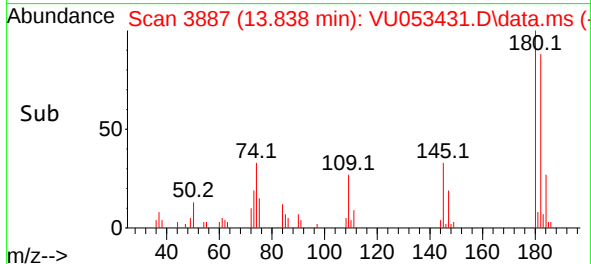
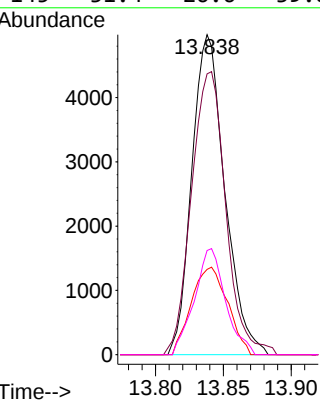
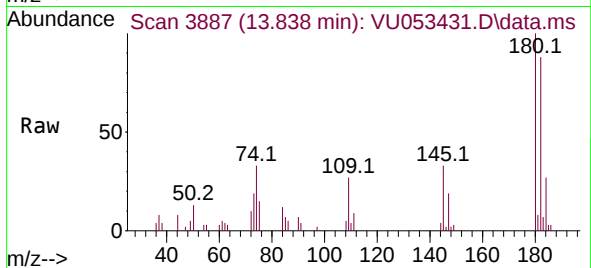
Ion Ratio Lower Upper

180 100

182 92.2 74.5 111.7

184 30.1 23.2 34.8

145 31.4 26.6 39.8



#70

1,2,4-trichlorobenzene

Concen: 4.950 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU053431.D

Acq: 28 Mar 2023 14:20

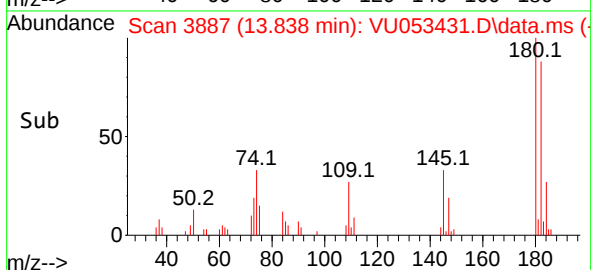
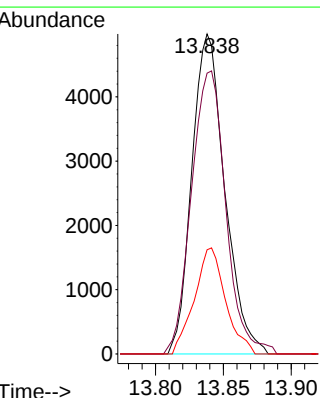
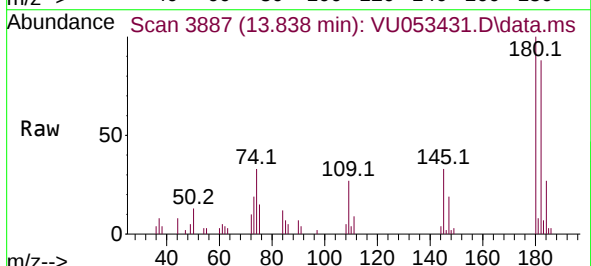
Tgt Ion:180 Resp: 8410

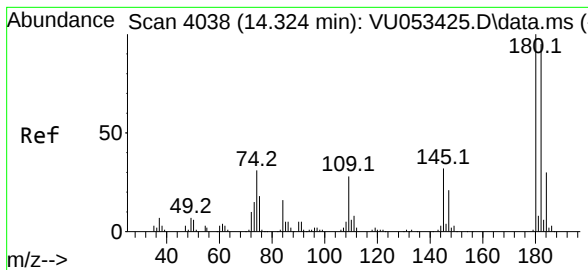
Ion Ratio Lower Upper

180 100

182 92.2 75.8 113.8

145 31.4 27.2 40.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.983 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. 0.006 min
 Lab File: VU053431.D
 Acq: 28 Mar 2023 14:20

Instrument :
 MSVOA_U
 ClientSampleId :
 COMB1

Tgt Ion:180	Resp:	4807
Ion Ratio	Lower	Upper
180	100	
182	99.1	76.7 115.1
145	31.3	28.6 42.8

