

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013123\
 Data File : VU052886.D
 Acq On : 31 Jan 2023 18:03
 Operator : JC/MD
 Sample : 01381-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:58:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 00:53:48 2023
 Response via : Initial Calibration

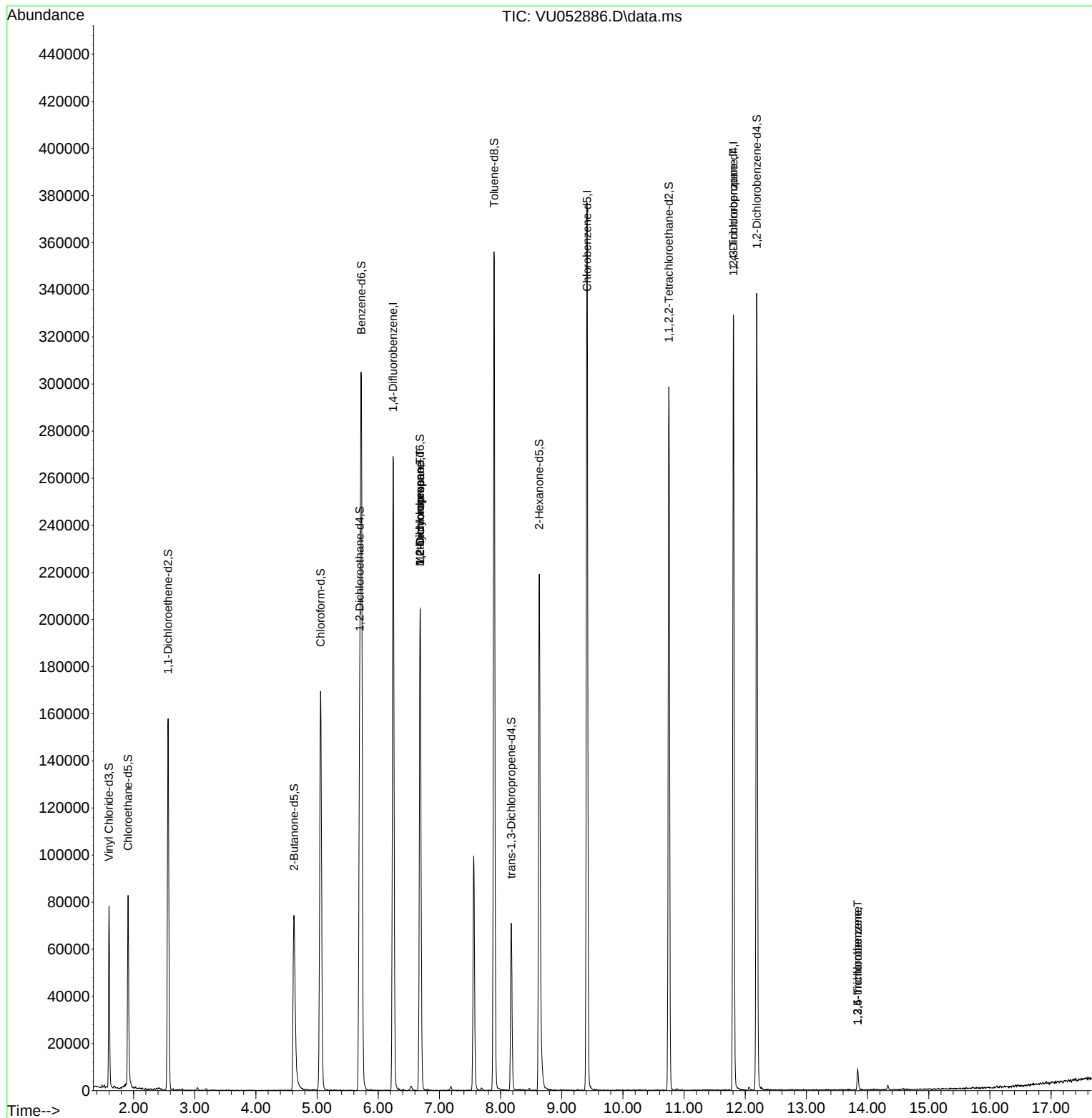
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	220120	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	212830	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	90150	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	57611	36.363	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.720%
7) Chloroethane-d5	1.909	69	59549	45.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.240%
11) 1,1-Dichloroethene-d2	2.565	63	95156	30.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.400%
21) 2-Butanone-d5	4.623	46	112036	114.472	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.470%
24) Chloroform-d	5.057	84	160225	47.387	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
26) 1,2-Dichloroethane-d4	5.697	65	108836	50.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
32) Benzene-d6	5.722	84	284764	43.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.580%
36) 1,2-Dichloropropane-d6	6.684	67	92311	48.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.820%
41) Toluene-d8	7.893	98	236688	39.975	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.940%#
43) trans-1,3-Dichloroprop...	8.176	79	41591	43.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.020%
47) 2-Hexanone-d5	8.632	63	71233	106.306	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.310%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	141468	50.209	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.420%
66) 1,2-Dichlorobenzene-d4	12.188	152	92042	52.581	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.160%
Target Compounds						
35) Methylcyclohexane	6.684	83	23853	8.184	ug/L #	21
37) 1,2-Dichloropropane	6.687	63	11094	6.229	ug/L #	85
60) 1,2,3-Trichloropropane	11.809	75	9123	5.217	ug/L #	64
69) 1,3,5-Trichlorobenzene	13.838	180	3855	1.773	ug/L	90
70) 1,2,4-trichlorobenzene	13.838	180	3855	2.114	ug/L	89

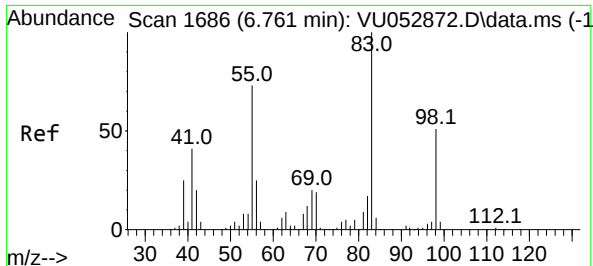
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.184 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.077 min

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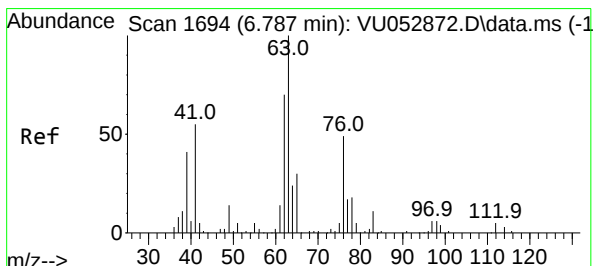
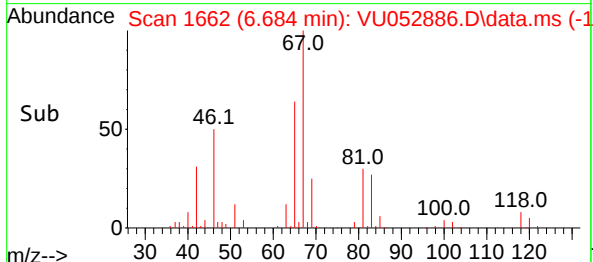
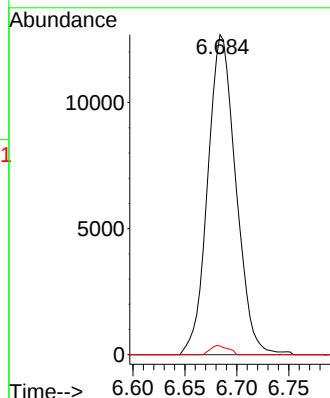
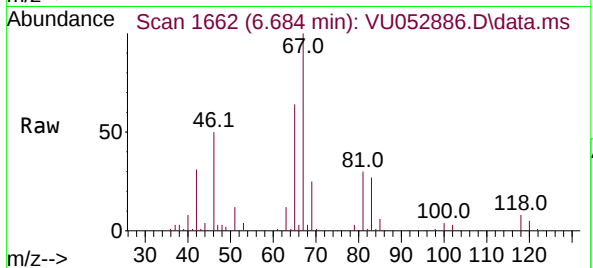
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23853
Ion Ratio	Lower Upper
83 100	
55 0.0	57.1 85.7#
98 1.8	38.9 58.3#



#37

1,2-Dichloropropane

Concen: 6.229 ug/L

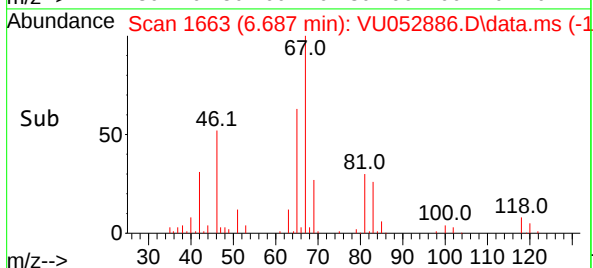
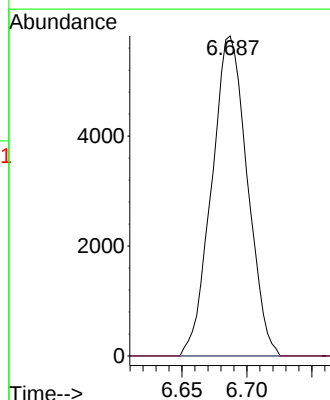
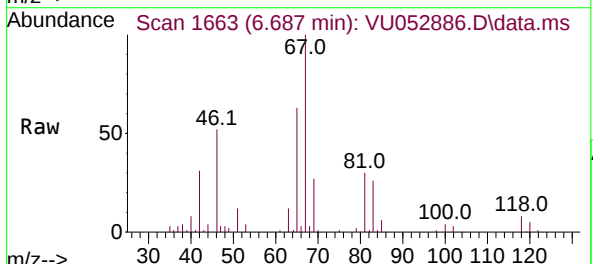
RT: 6.687 min Scan# 1663

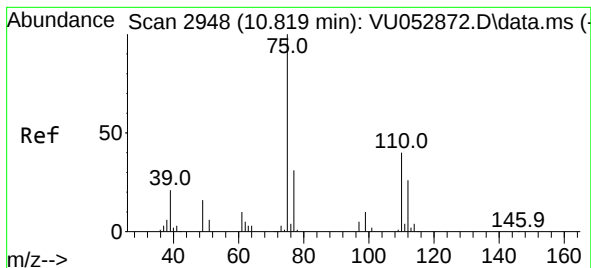
Delta R.T. -0.100 min

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Tgt Ion: 63	Resp: 11094
Ion Ratio	Lower Upper
63 100	
112 0.0	3.8 5.8#





#60

1,2,3-Trichloropropane

Concen: 5.217 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

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Instrument :

MSVOA_U

ClientSampleId :

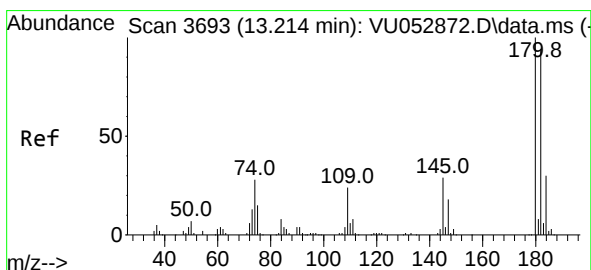
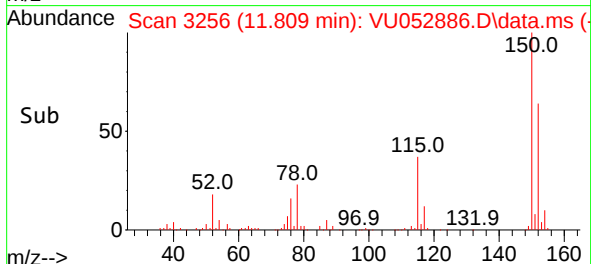
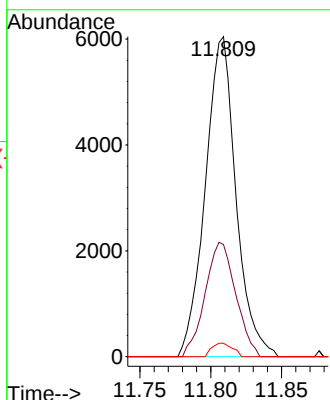
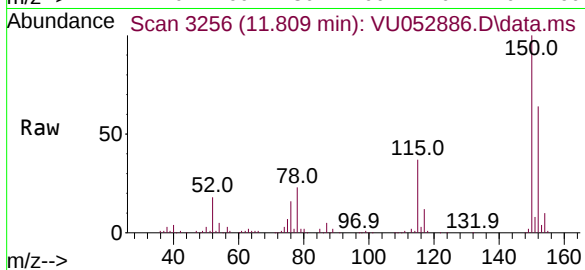
Tgt Ion: 75 Resp: 9123

Ion Ratio Lower Upper

75 100

77 35.6 25.8 38.8

110 2.8 32.4 48.6#



#69

1,3,5-Trichlorobenzene

Concen: 1.773 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.624 min

Lab File: VU052886.D

Acq: 31 Jan 2023 18:03

Tgt Ion:180 Resp: 3855

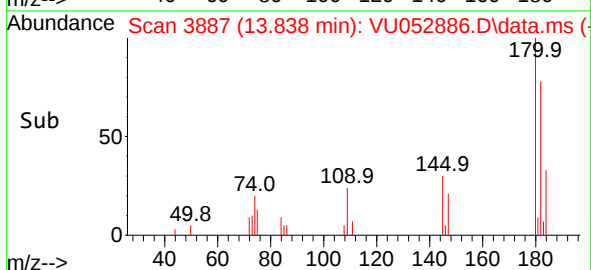
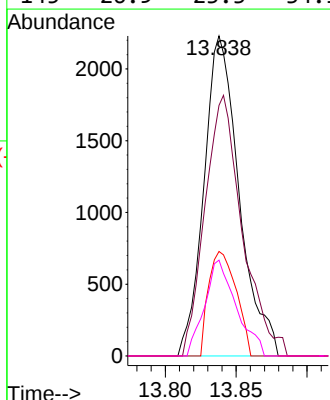
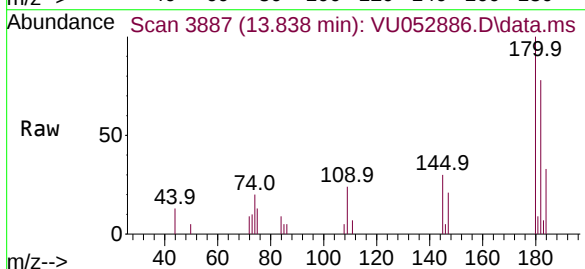
Ion Ratio Lower Upper

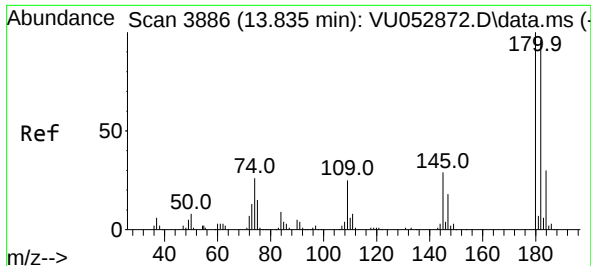
180 100

182 84.8 77.0 115.6

184 25.5 24.4 36.6

145 26.9 23.3 34.9





#70

1,2,4-trichlorobenzene

Concen: 2.114 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

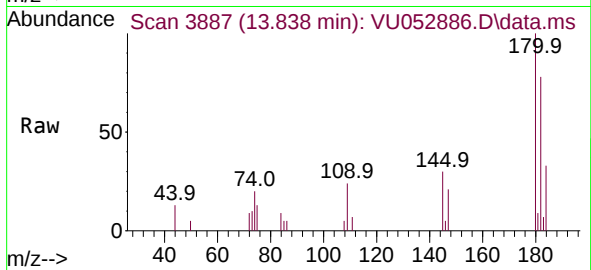
Lab File: VU052886.D

Acq: 31 Jan 2023 18:03

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 3855

Ion Ratio Lower Upper

180 100

182 84.8 78.2 117.2

145 26.9 23.4 35.2

