

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010924\
 Data File : VU057443.D
 Acq On : 09 Jan 2024 16:36
 Operator : MD/SY
 Sample : 05787-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 00:38:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 10 00:35:16 2024
 Response via : Initial Calibration

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

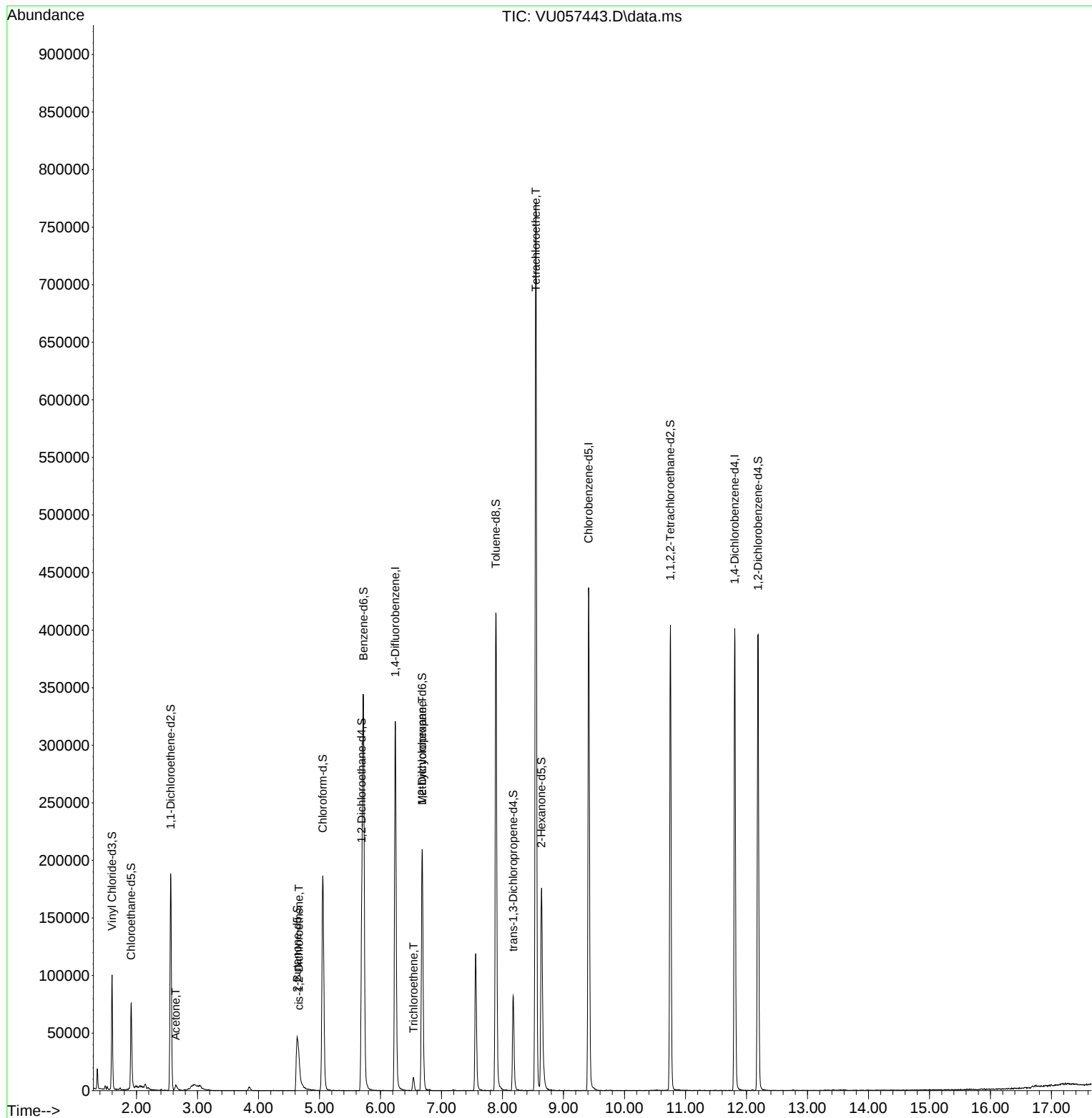
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	259261	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	247439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104021	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	66543	37.291	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.911	69	56723	41.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.160%
11) 1,1-Dichloroethene-d2	2.560	63	114109	30.170	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.340%
21) 2-Butanone-d5	4.634	46	84441	97.659	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.660%
24) Chloroform-d	5.052	84	181555	43.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.060%
26) 1,2-Dichloroethane-d4	5.692	65	128865	46.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
32) Benzene-d6	5.721	84	316301	47.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	6.682	67	90761	48.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.820%
41) Toluene-d8	7.891	98	283080	45.479	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.960%
43) trans-1,3-Dichloroprop...	8.174	79	52377	46.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.620%
47) 2-Hexanone-d5	8.637	63	63073	102.919	ug/L	-0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	200411	71.537	ug/L	-0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	143.080%#
66) 1,2-Dichlorobenzene-d4	12.190	152	103176	50.713	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.420%
Target Compounds						
					Qvalue	
13) Acetone	2.644	43	7142	6.783	ug/L	93
20) cis-1,2-Dichloroethene	4.663	96	5964	3.102	ug/L	98
34) Trichloroethene	6.541	95	4615	2.273	ug/L	94
35) Methylcyclohexane	6.682	83	25260	9.145	ug/L #	20
46) Tetrachloroethene	8.547	164	164465	107.093	ug/L	99

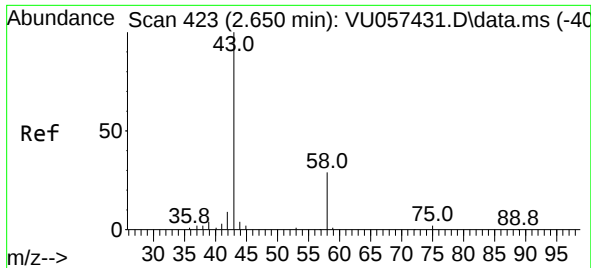
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: Jan 10 00:38:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jan 10 00:35:16 2024
Response via : Initial Calibration





#13

Acetone

Concen: 6.783 ug/L

RT: 2.644 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU057443.D

Acq: 09 Jan 2024 16:36

Instrument :

MSVOA_U

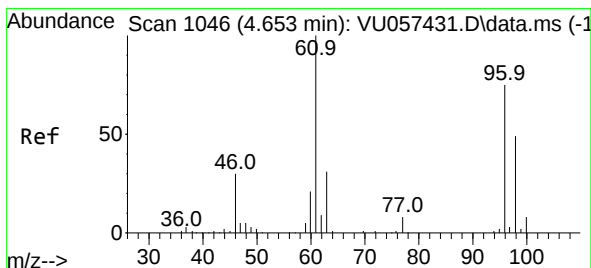
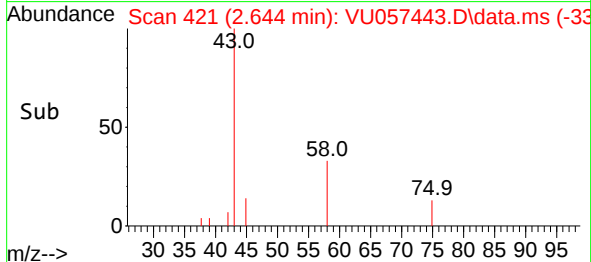
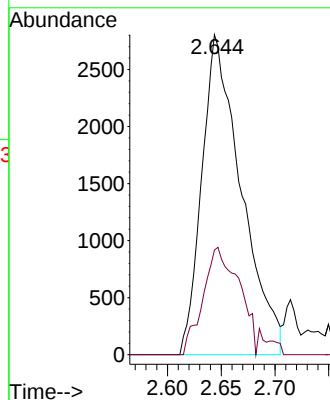
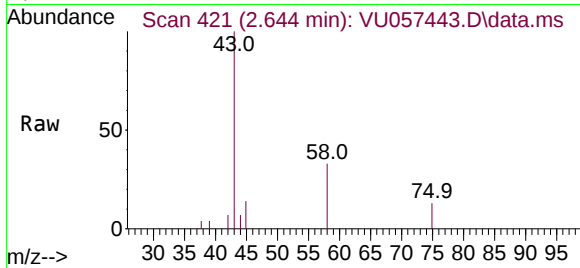
ClientSampleId :

Tgt Ion: 43 Resp: 7142

Ion Ratio Lower Upper

43 100

58 28.9 0.0 65.2



#20

cis-1,2-Dichloroethene

Concen: 3.102 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU057443.D

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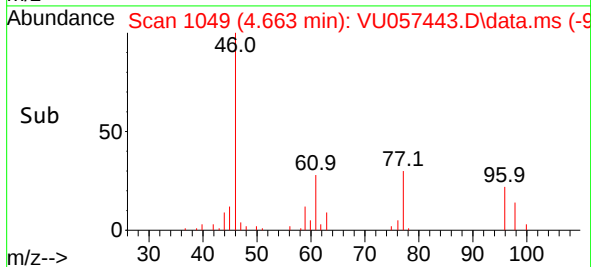
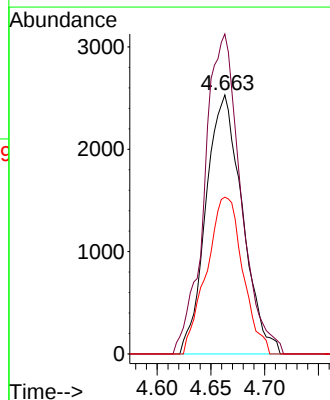
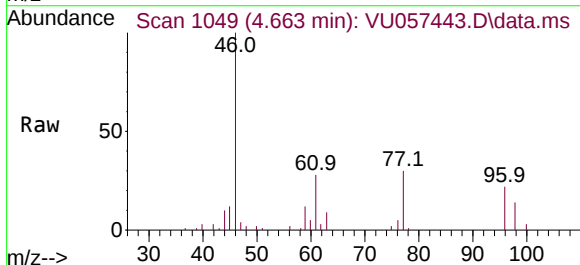
Tgt Ion: 96 Resp: 5964

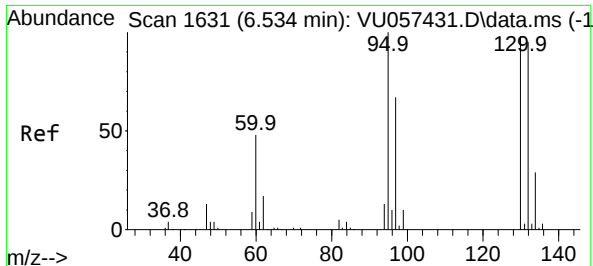
Ion Ratio Lower Upper

96 100

61 123.5 88.0 163.4

98 60.5 43.4 80.6



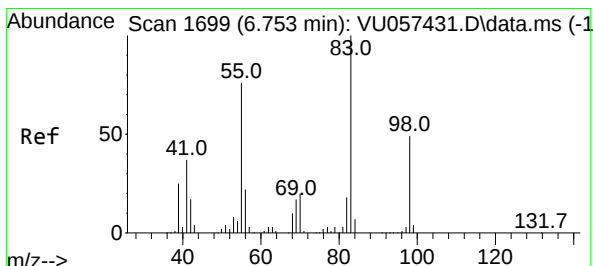
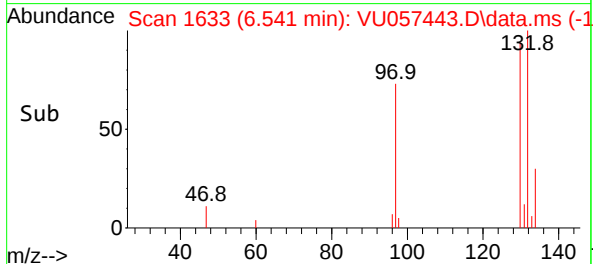
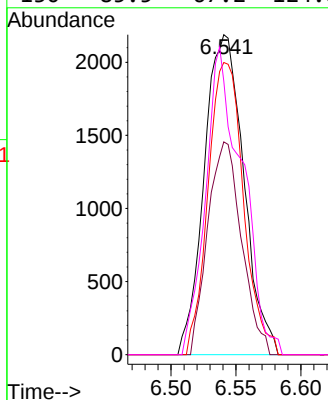
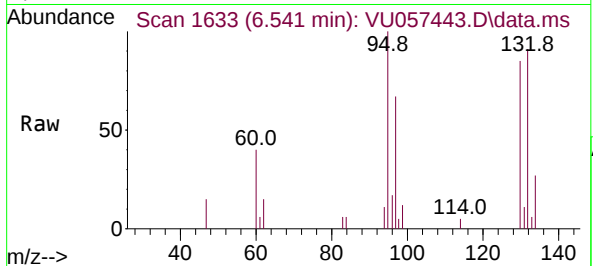


#34
Trichloroethene
Concen: 2.273 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.007 min
Lab File: VU057443.D
Acq: 09 Jan 2024 16:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4615

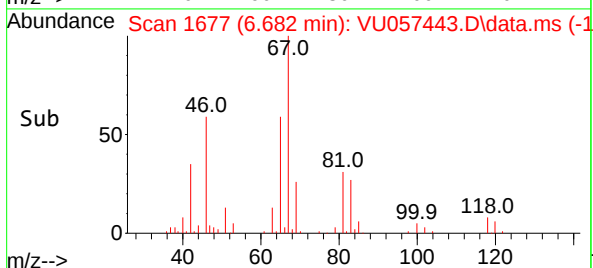
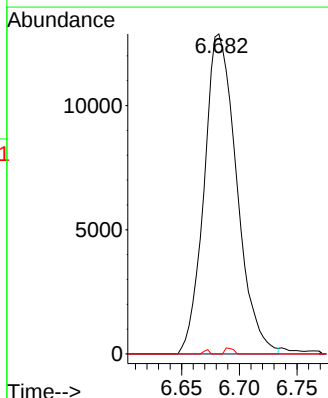
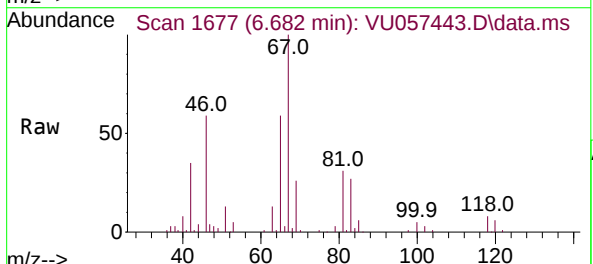
Ion	Ratio	Lower	Upper
95	100		
97	71.2	46.2	85.8
132	91.3	64.3	119.5
130	85.5	67.2	124.8

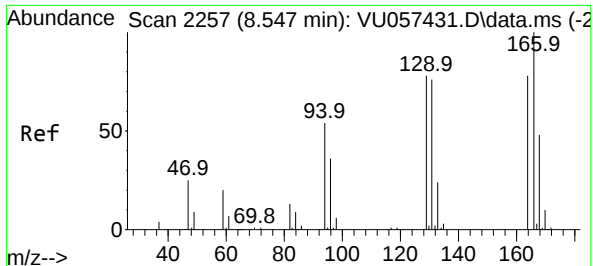


#35
Methylcyclohexane
Concen: 9.145 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU057443.D
Acq: 09 Jan 2024 16:36

Tgt Ion: 83 Resp: 25260

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.0	87.0#
98	0.5	36.6	55.0#





#46

Tetrachloroethene

Concen: 107.093 ug/L

RT: 8.547 min Scan# 21

Delta R.T. 0.000 min

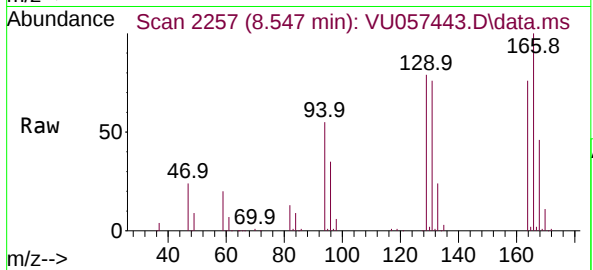
Lab File: VU057443.D

Acq: 09 Jan 2024 16:36

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 164465

Ion Ratio Lower Upper

164 100

129 103.8 72.3 134.3

131 100.3 68.8 127.8

166 131.4 91.8 170.4

