

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057391.D
 Acq On : 08 Jan 2024 18:43
 Operator : MD/SY
 Sample : 05787-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCME8

Quant Time: Jan 09 05:06:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
 Response via : Initial Calibration

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

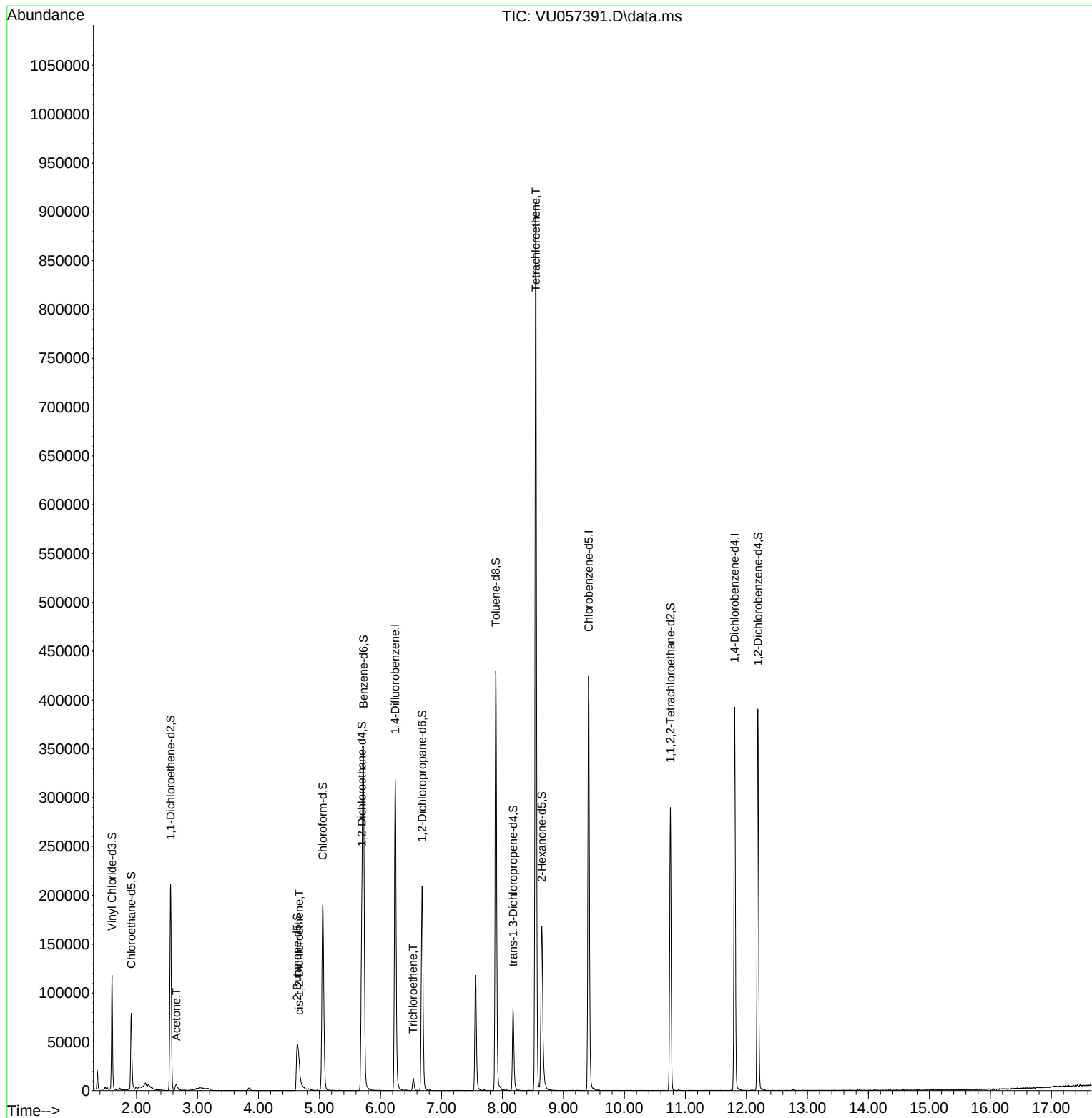
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	259694	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247114	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78688	44.024	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.040%		
7) Chloroethane-d5	1.914	69	63222	45.707	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.420%		
11) 1,1-Dichloroethene-d2	2.560	63	126834	33.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.960%		
21) 2-Butanone-d5	4.634	46	83303	96.182	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.180%		
24) Chloroform-d	5.055	84	185456	43.877	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.760%		
26) 1,2-Dichloroethane-d4	5.695	65	129875	46.513	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.020%		
32) Benzene-d6	5.721	84	327343	49.348	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.700%		
36) 1,2-Dichloropropane-d6	6.682	67	92037	49.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.320%		
41) Toluene-d8	7.891	98	292448	47.046	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.100%		
43) trans-1,3-Dichloroprop...	8.177	79	52487	46.969	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.940%		
47) 2-Hexanone-d5	8.647	63	60248	98.439	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.440%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	131738	47.086	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.180%		
66) 1,2-Dichlorobenzene-d4	12.190	152	103844	52.227	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.460%		
Target Compounds					Qvalue	
13) Acetone	2.653	43	10367	9.829	ug/L	86
20) cis-1,2-Dichloroethene	4.666	96	5778	3.001	ug/L	93
34) Trichloroethene	6.537	95	3937	1.942	ug/L	97
46) Tetrachloroethene	8.547	164	189464	123.533	ug/L	99

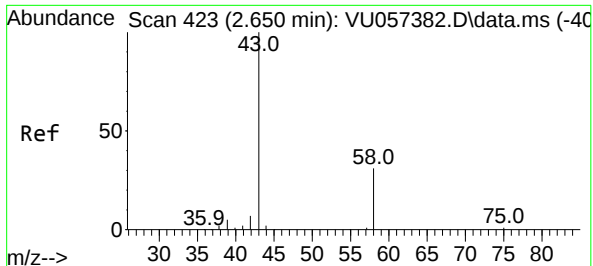
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.829 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU057391.D

Acq: 08 Jan 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :

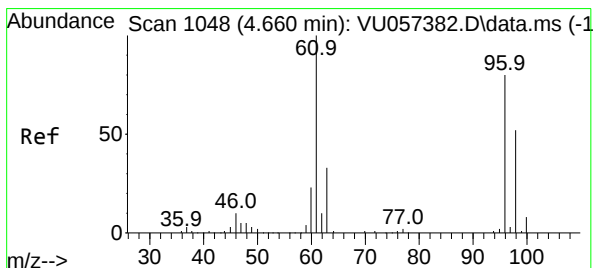
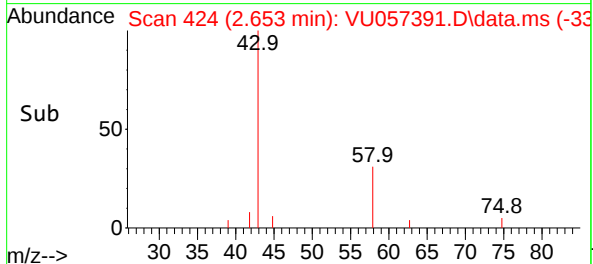
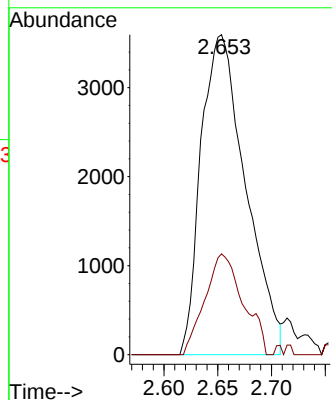
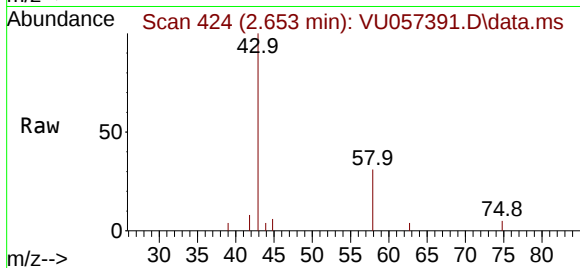
DCME8

Tgt Ion: 43 Resp: 10367

Ion Ratio Lower Upper

43 100

58 25.0 0.0 65.2



#20

cis-1,2-Dichloroethene

Concen: 3.001 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU057391.D

Acq: 08 Jan 2024 18:43

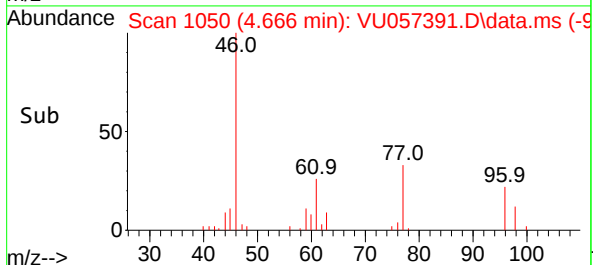
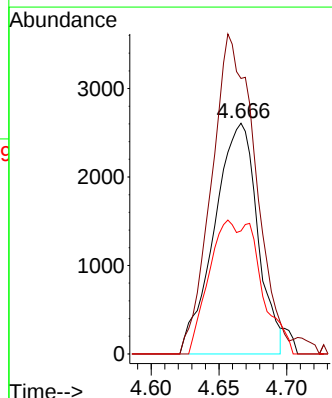
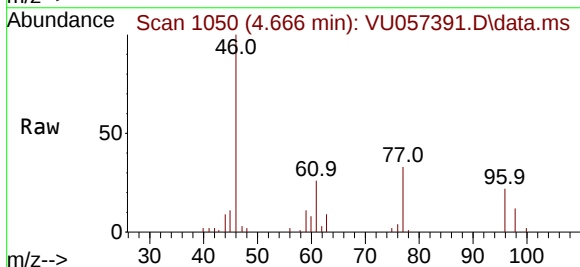
Tgt Ion: 96 Resp: 5778

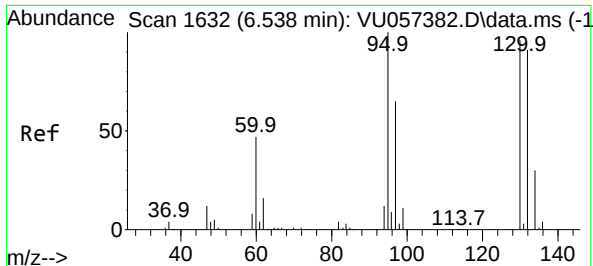
Ion Ratio Lower Upper

96 100

61 119.5 88.0 163.4

98 53.4 43.4 80.6



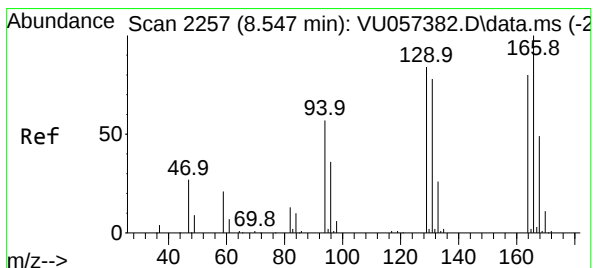
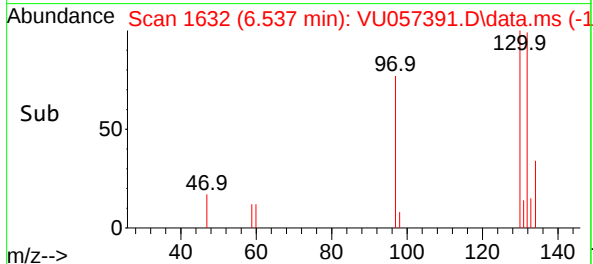
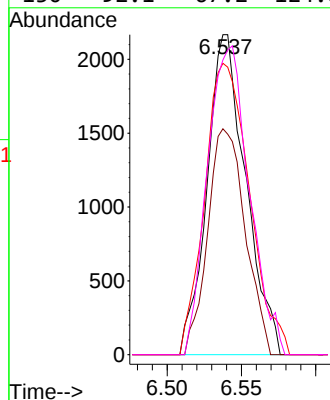
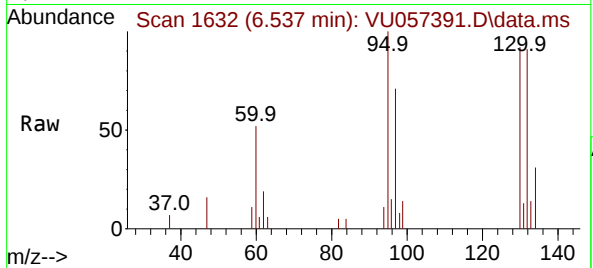


#34
Trichloroethene
Concen: 1.942 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.001 min
Lab File: VU057391.D
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Instrument :
MSVOA_U
ClientSampleId :
DCME8

Tgt Ion: 95 Resp: 3937

Ion	Ratio	Lower	Upper
95	100		
97	70.6	46.2	85.8
132	91.0	64.3	119.5
130	92.1	67.2	124.8



#46
Tetrachloroethene
Concen: 123.533 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057391.D
Acq: 08 Jan 2024 18:43

Tgt Ion: 164 Resp: 189464

Ion	Ratio	Lower	Upper
164	100		
129	104.3	72.3	134.3
131	98.3	68.8	127.8
166	128.4	91.8	170.4

