

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 :

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)

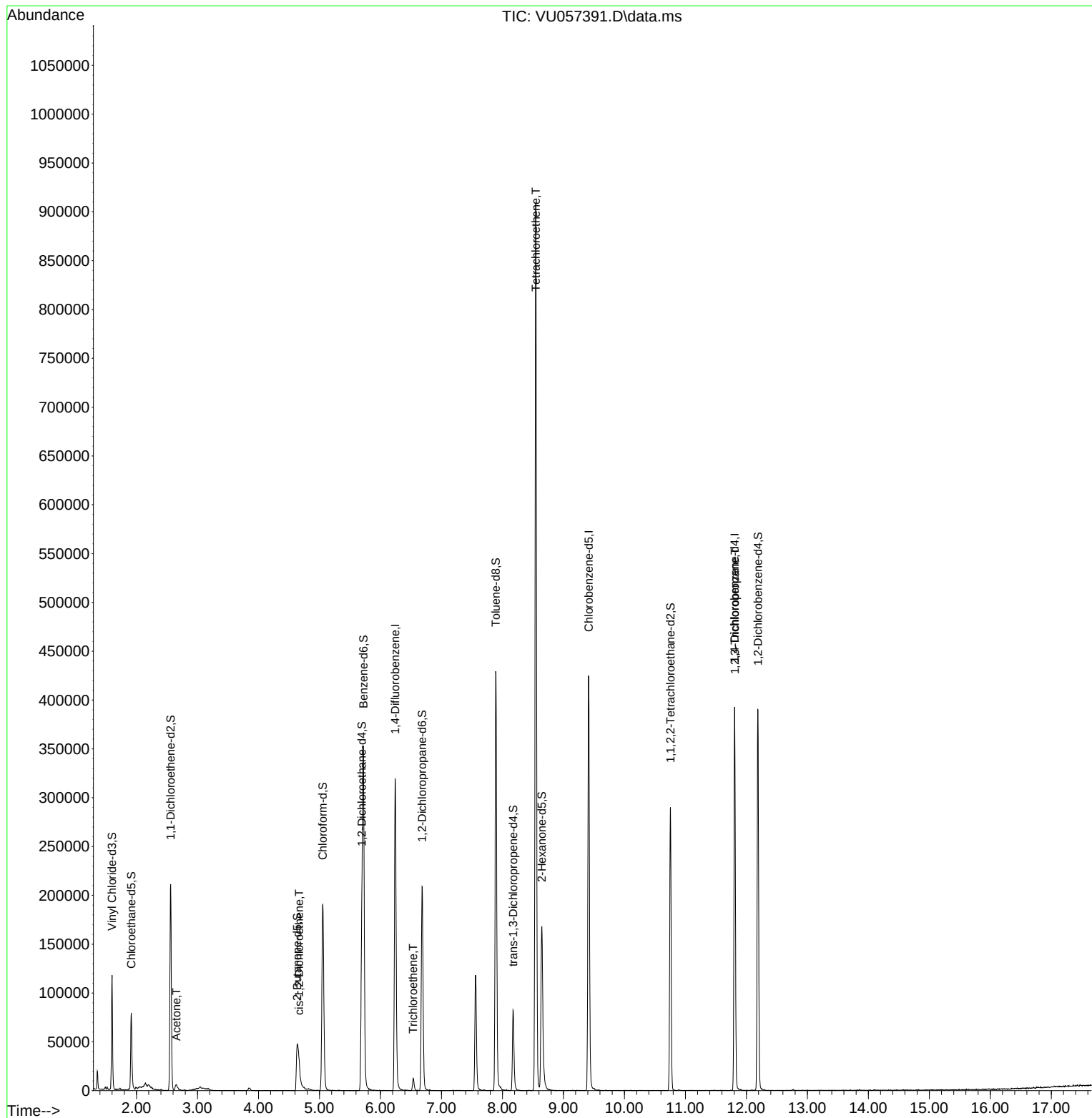
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	259694	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	247114	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	101660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78688	44.024	ug/L	0.00
Spiked Amount	50.000	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
60) 1,2,3-Trichloropropane	11.811	75	10132	5.262	ug/L #	57

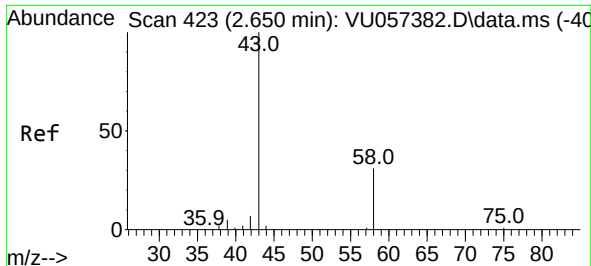
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

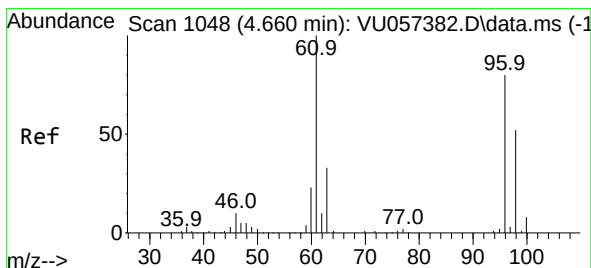
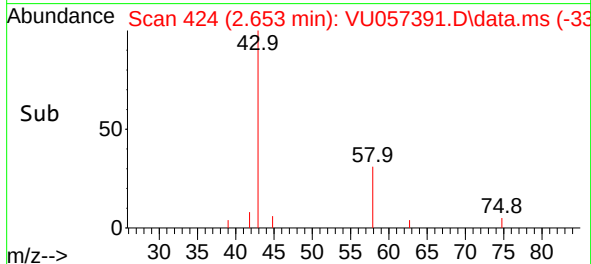
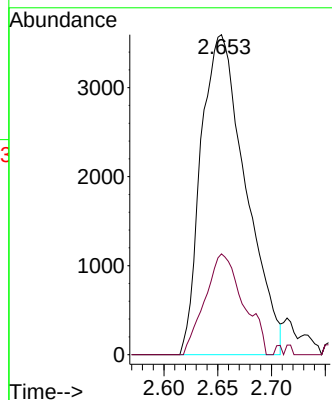
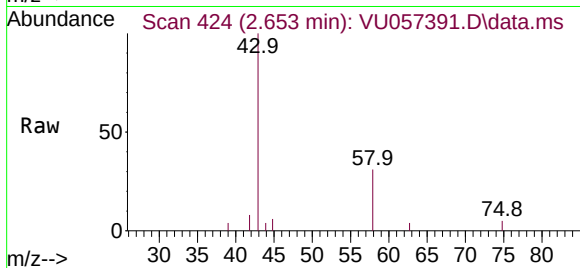
ClientSampleId :

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

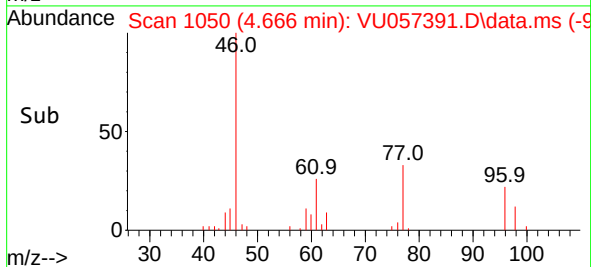
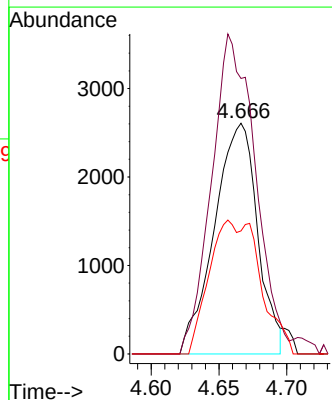
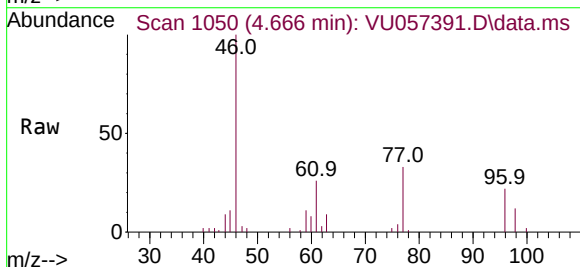
Tgt Ion: 96 Resp: 5778

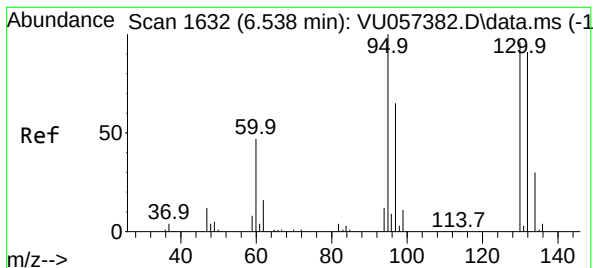
Ion Ratio Lower Upper

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

Acq: 08 Jan 2024 18:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 3937

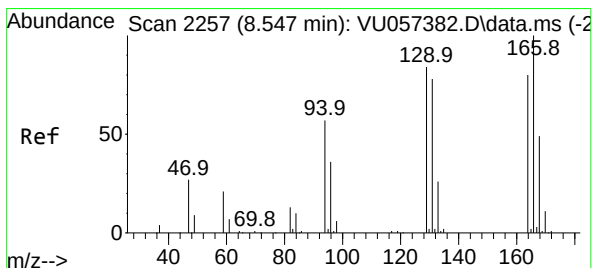
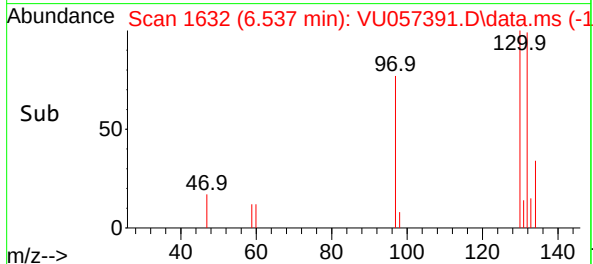
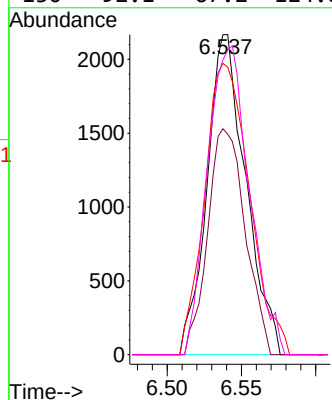
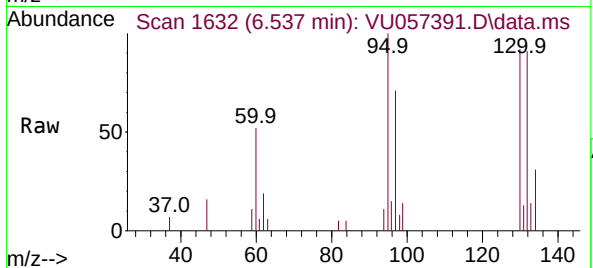
Ion Ratio Lower Upper

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

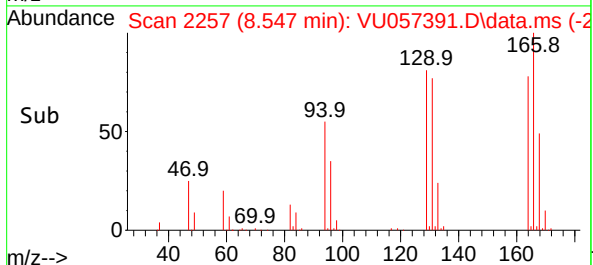
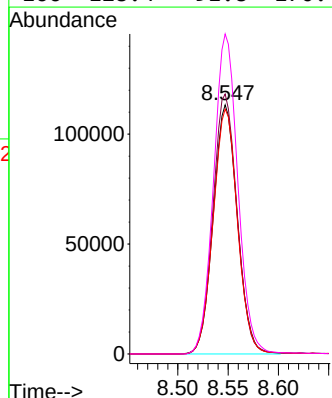
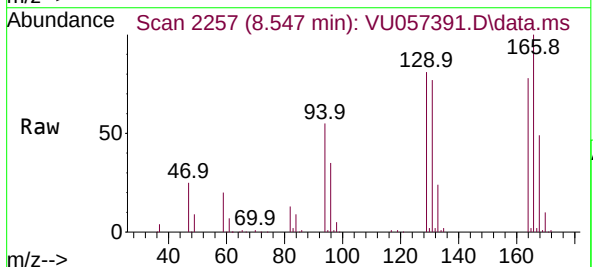
Ion Ratio Lower Upper

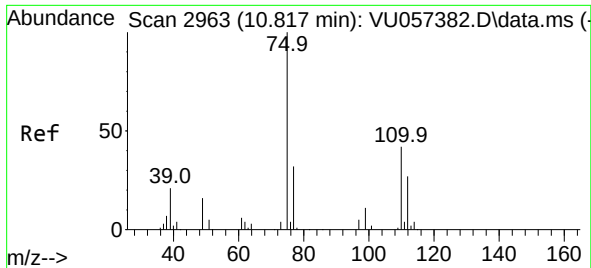
164 100

129 104.3 72.3 134.3

131 98.3 68.8 127.8

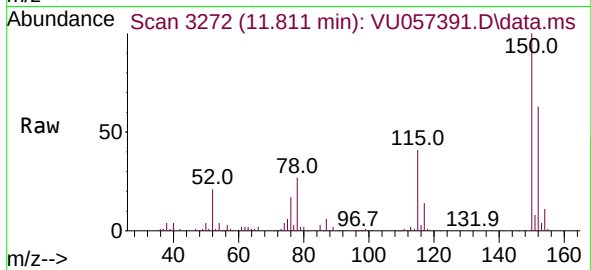
166 128.4 91.8 170.4





#60
 1,2,3-Trichloropropane
 Concen: 5.262 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU057391.D
 Acq: 08 Jan 2024 18:43

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 10132
 Ion Ratio Lower Upper
 75 100
 77 41.3 26.0 39.0#
 110 0.8 33.6 50.4#

