

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057411.D
 Acq On : 09 Jan 2024 03:10
 Operator : MD/SY
 Sample : P1058-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 09 06:28:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 06:09:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	269359	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	253463	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	104886	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	78472	42.328	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.660%		
7) Chloroethane-d5	1.914	69	63754	44.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.880%		
11) 1,1-Dichloroethene-d2	2.560	63	140654	35.794	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.580%		
21) 2-Butanone-d5	4.634	46	87522	97.428	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.430%		
24) Chloroform-d	5.055	84	188668	43.035	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.080%		
26) 1,2-Dichloroethane-d4	5.692	65	132498	45.749	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.500%		
32) Benzene-d6	5.721	84	331024	48.653	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.300%		
36) 1,2-Dichloropropane-d6	6.682	67	93625	48.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.520%		
41) Toluene-d8	7.891	98	293674	46.060	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.120%		
43) trans-1,3-Dichloroprop...	8.174	79	51952	45.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.660%		
47) 2-Hexanone-d5	8.637	63	63063	100.457	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.460%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	133390	46.482	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.960%		
66) 1,2-Dichlorobenzene-d4	12.190	152	103064	50.240	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.480%		

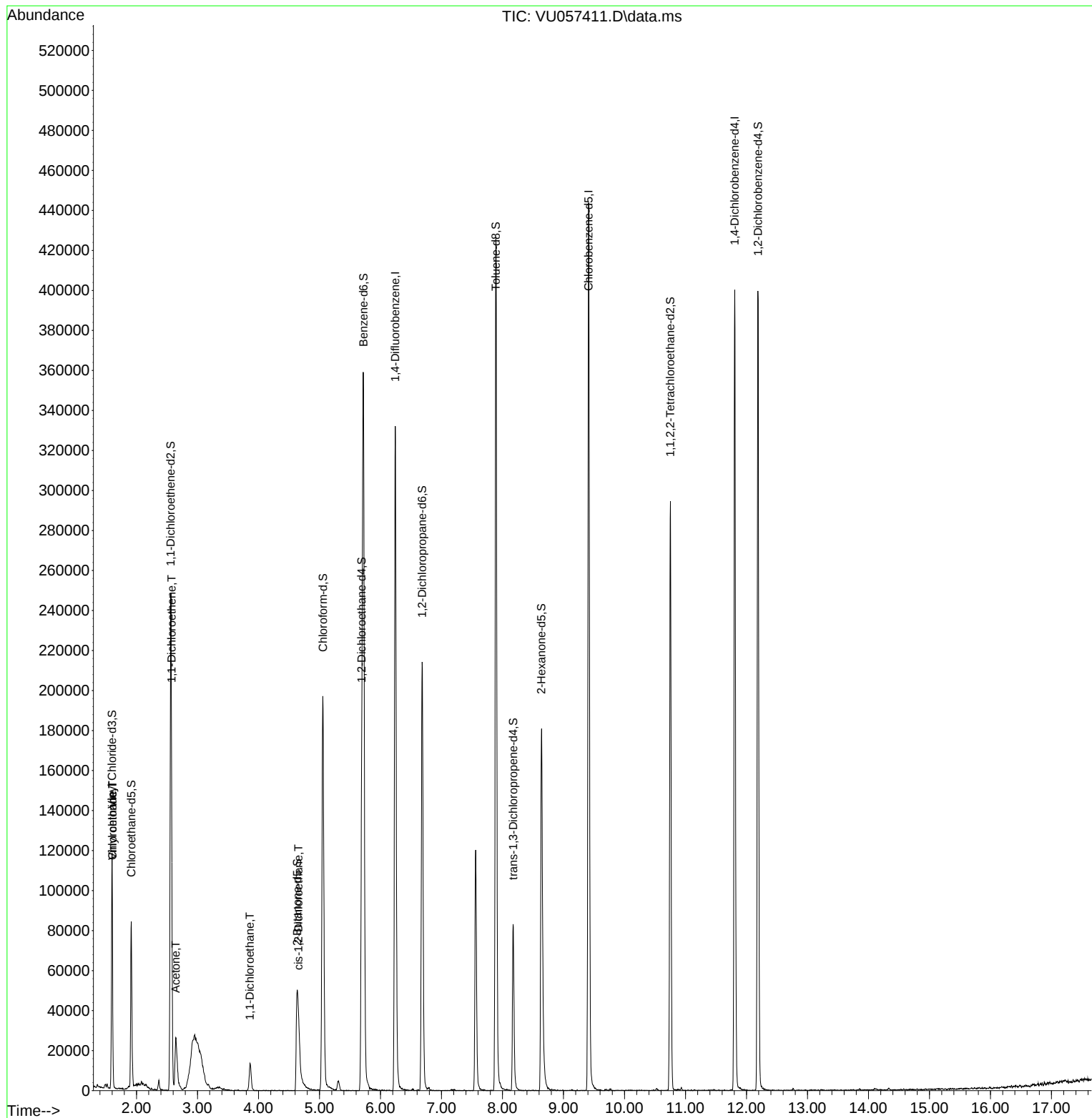
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	6610	3.202	ug/L #	80
8) Chloroethane	1.605	64	3152	2.610	ug/L	84
12) 1,1-Dichloroethene	2.573	96	24372	13.354	ug/L #	14
13) Acetone	2.644	43	44603	40.772	ug/L	91
19) 1,1-Dichloroethane	3.859	63	15218	4.402	ug/L	94
20) cis-1,2-Dichloroethene	4.656	96	3669	1.837	ug/L	96

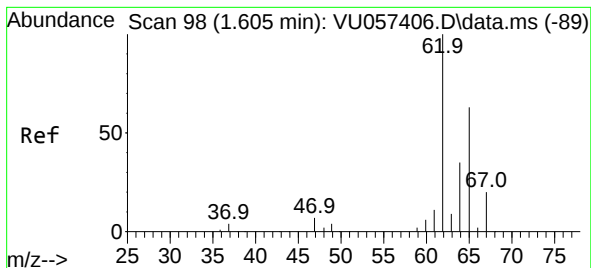
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 3.202 ug/L

RT: 1.605 min Scan# 98

Delta R.T. -0.000 min

Lab File: VU057411.D

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MSVOA_U

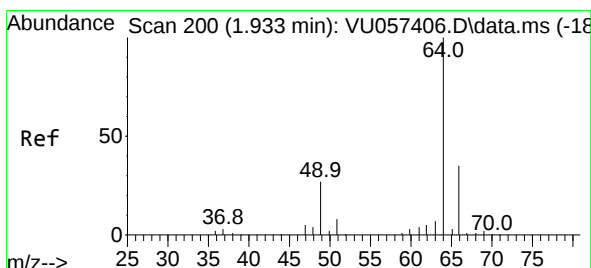
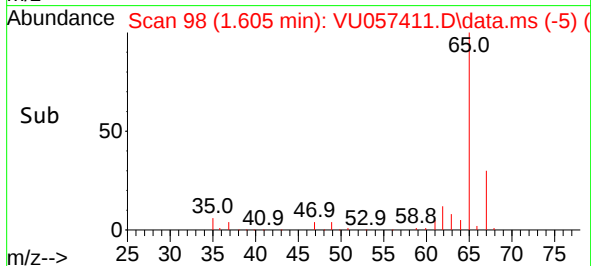
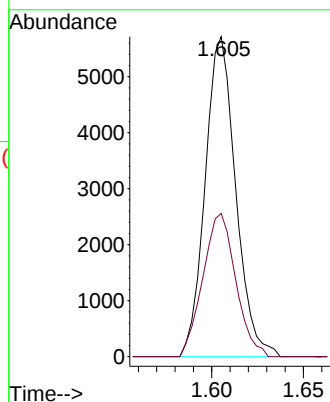
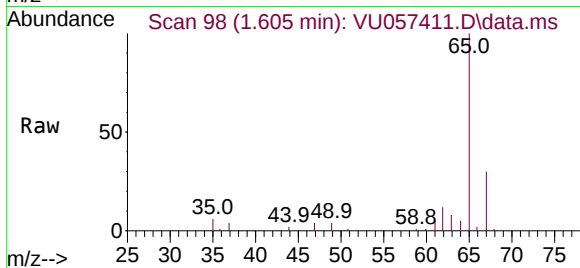
ClientSampleId :

Tgt Ion: 62 Resp: 6610

Ion Ratio Lower Upper

62 100

64 44.7 23.3 43.3#



#8

Chloroethane

Concen: 2.610 ug/L

RT: 1.605 min Scan# 98

Delta R.T. -0.328 min

Lab File: VU057411.D

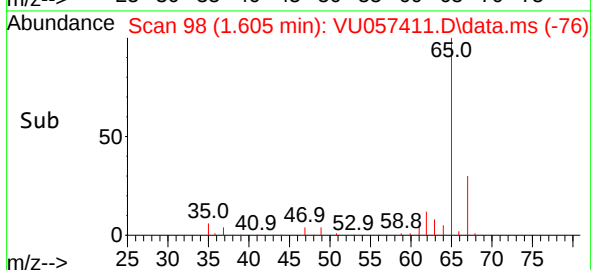
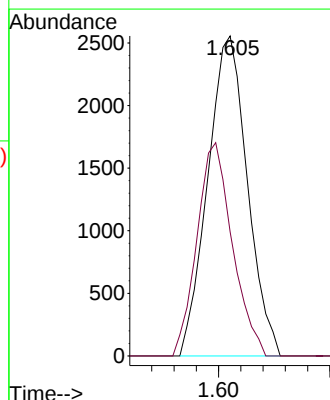
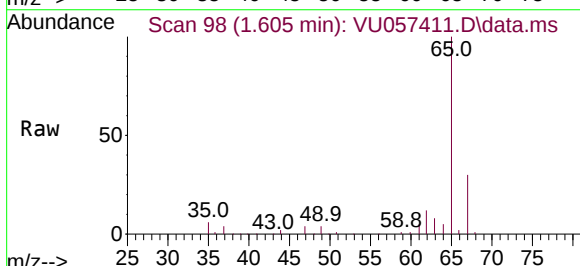
Acq: 09 Jan 2024 03:10

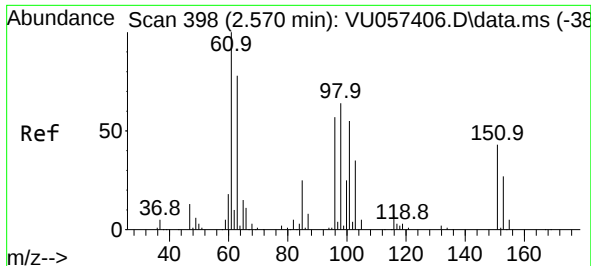
Tgt Ion: 64 Resp: 3152

Ion Ratio Lower Upper

64 100

66 38.8 20.9 38.9





#12

1,1-Dichloroethene

Concen: 13.354 ug/L

RT: 2.573 min Scan# 398

Delta R.T. 0.003 min

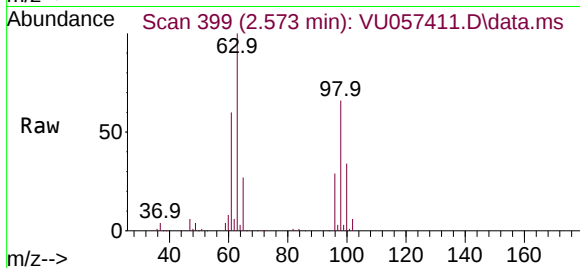
Lab File: VU057411.D

Acq: 09 Jan 2024 03:10

Instrument :

MSVOA_U

ClientSampleId :



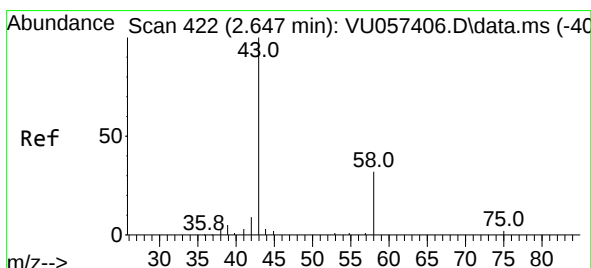
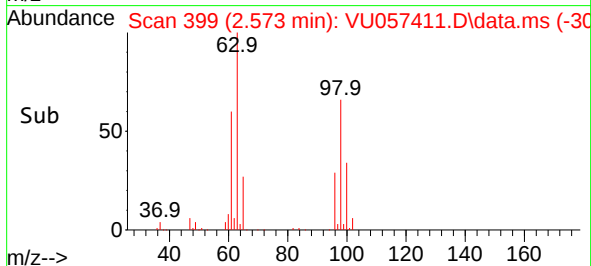
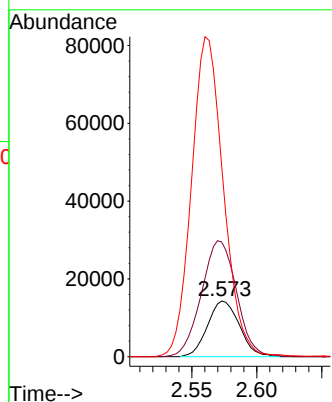
Tgt Ion: 96 Resp: 24372

Ion Ratio Lower Upper

96 100

61 206.1 128.3 238.3

63 343.5 90.4 168.0#



#13

Acetone

Concen: 40.772 ug/L

RT: 2.644 min Scan# 421

Delta R.T. -0.003 min

Lab File: VU057411.D

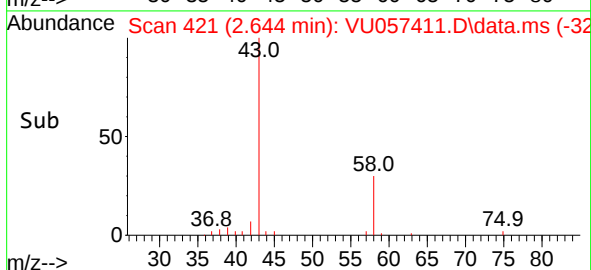
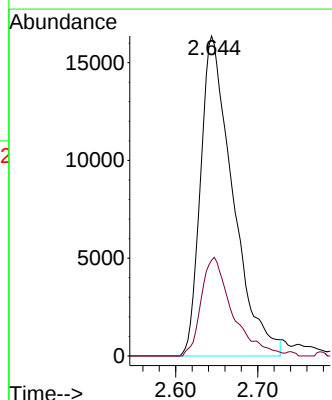
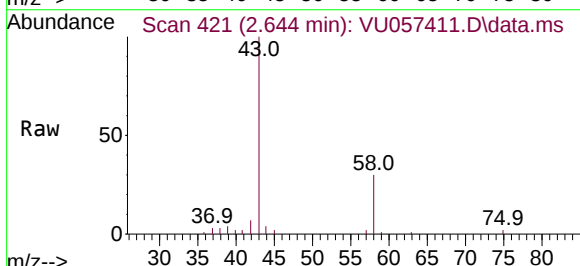
Acq: 09 Jan 2024 03:10

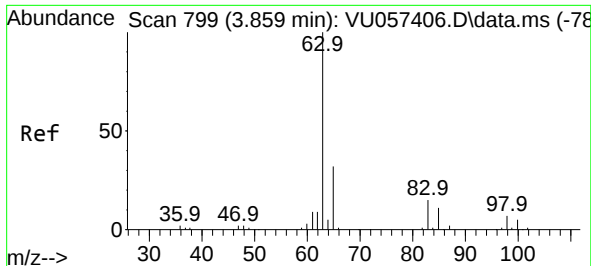
Tgt Ion: 43 Resp: 44603

Ion Ratio Lower Upper

43 100

58 27.6 0.0 65.2





#19

1,1-Dichloroethane

Concen: 4.402 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU057411.D

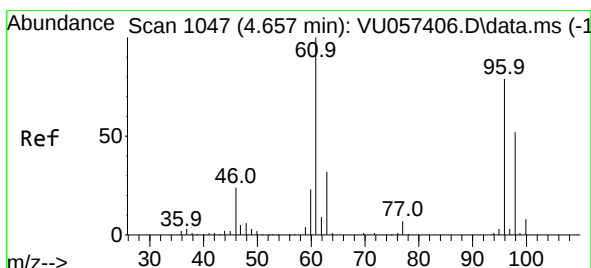
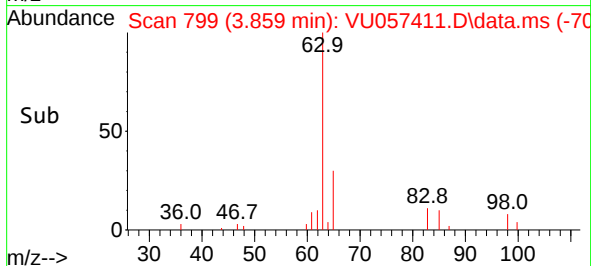
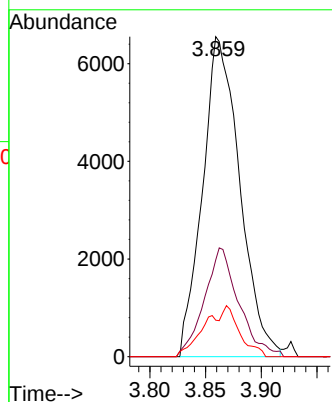
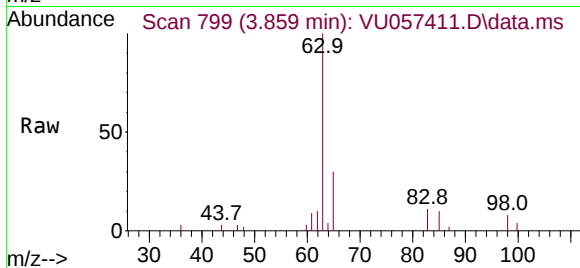
Acq: 09 Jan 2024 03:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 15218
Ion Ratio	Lower Upper
63 100	
65 30.2	22.4 41.6
83 11.4	11.3 21.1



#20

cis-1,2-Dichloroethene

Concen: 1.837 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.000 min

Lab File: VU057411.D

Acq: 09 Jan 2024 03:10

Tgt Ion: 96	Resp: 3669		
Ion Ratio	Lower	Upper	
96 100			
61 123.1	88.0	163.4	
98 55.6	43.4	80.6	

