

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010924\
 Data File : VU057433.D
 Acq On : 09 Jan 2024 12:35
 Operator : MD/SY
 Sample : 01058-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 10 00:36:09 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)

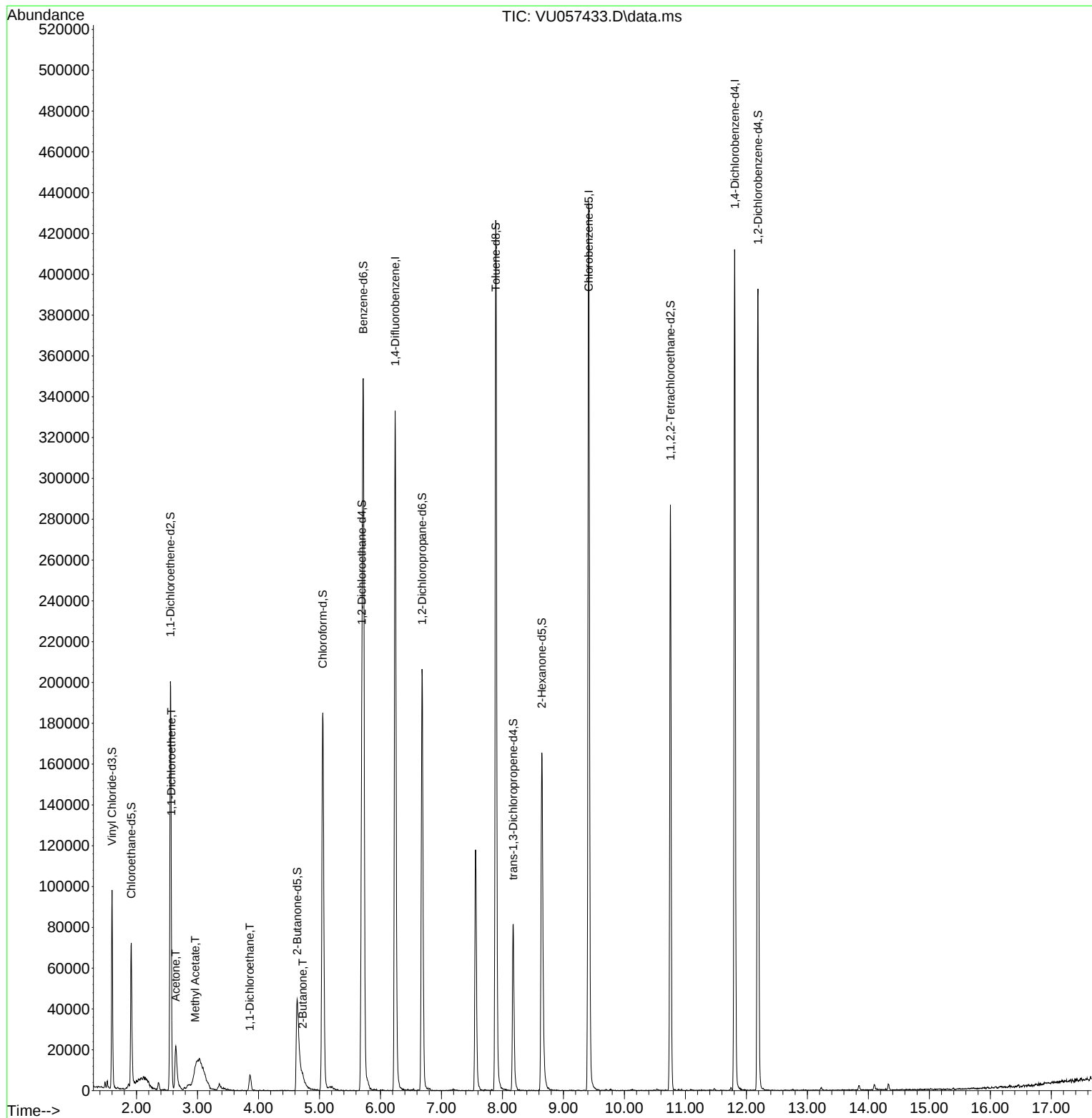
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	273401	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	259857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	109046	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	69833	37.111	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.220%		
7) Chloroethane-d5	1.914	69	57515	39.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.000%		
11) 1,1-Dichloroethene-d2	2.557	63	119328	29.918	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.840%#		
21) 2-Butanone-d5	4.634	46	84373	92.534	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.530%		
24) Chloroform-d	5.055	84	178491	40.112	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.220%		
26) 1,2-Dichloroethane-d4	5.695	65	129403	44.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.040%		
32) Benzene-d6	5.718	84	325972	46.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.460%		
36) 1,2-Dichloropropane-d6	6.682	67	91807	46.632	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.260%		
41) Toluene-d8	7.891	98	293125	44.843	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.680%		
43) trans-1,3-Dichloroprop...	8.177	79	53849	45.824	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.640%		
47) 2-Hexanone-d5	8.647	63	63941	99.350	ug/L	-0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.350%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	129319	43.954	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.900%		
66) 1,2-Dichlorobenzene-d4	12.190	152	102275	47.954	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.900%		
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2773	1.497	ug/L #	1
13) Acetone	2.644	43	33388	30.069	ug/L	82
15) Methyl Acetate	2.962	43	2396	1.654	ug/L #	44
19) 1,1-Dichloroethane	3.859	63	9389	2.676	ug/L	97
22) 2-Butanone	4.724	43	6118	5.592	ug/L #	64

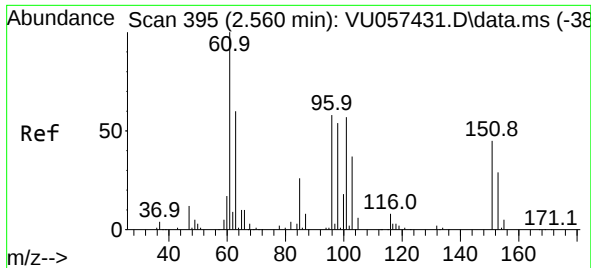
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 10 00:35:16 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.497 ug/L

RT: 2.570 min Scan# 395

Delta R.T. 0.010 min

Lab File: VU057433.D

Acq: 09 Jan 2024 12:35

Instrument :

MSVOA_U

ClientSampleId :

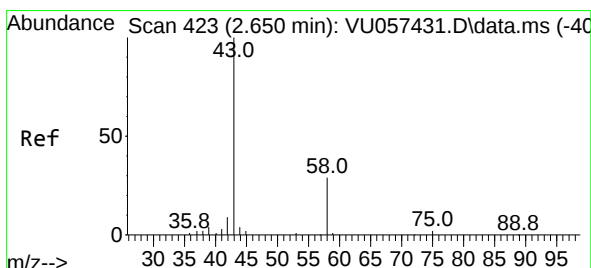
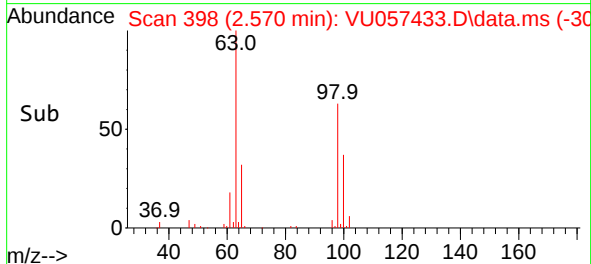
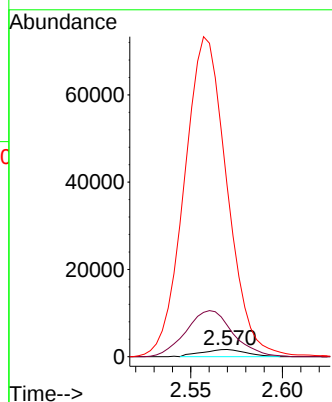
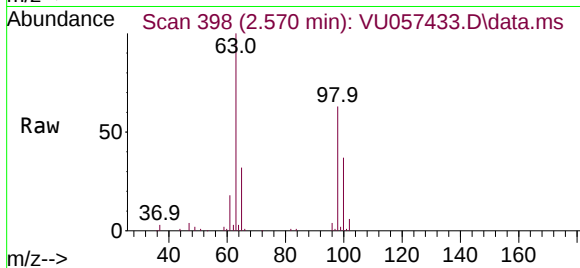
Tgt Ion: 96 Resp: 2773

Ion Ratio Lower Upper

96 100

61 436.7 128.3 238.3#

63 2366.2 90.4 168.0#



#13

Acetone

Concen: 30.069 ug/L

RT: 2.644 min Scan# 421

Delta R.T. -0.006 min

Lab File: VU057433.D

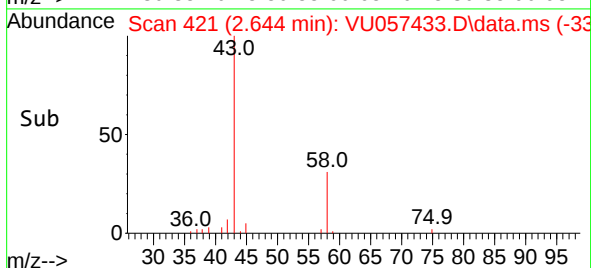
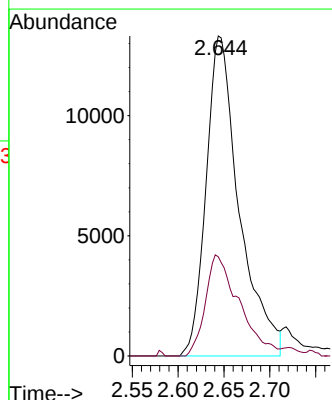
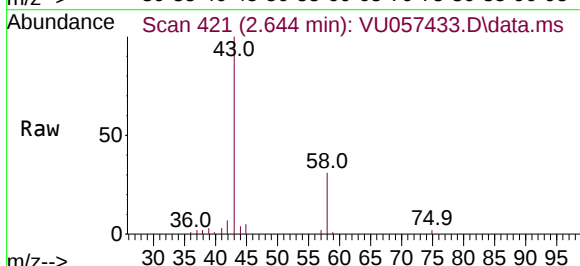
Acq: 09 Jan 2024 12:35

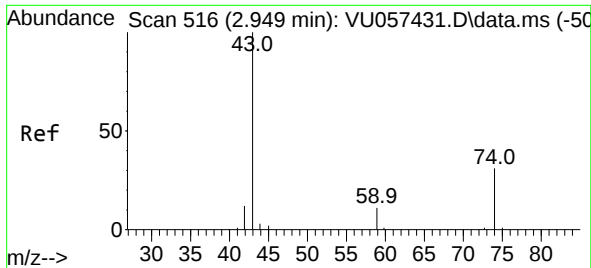
Tgt Ion: 43 Resp: 33388

Ion Ratio Lower Upper

43 100

58 22.5 0.0 65.2





#15

Methyl Acetate

Concen: 1.654 ug/L

RT: 2.962 min Scan# 516

Delta R.T. 0.013 min

Lab File: VU057433.D

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Instrument :

MSVOA_U

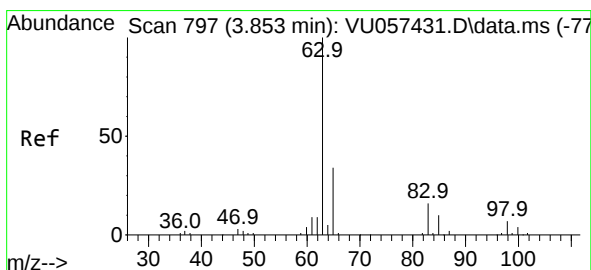
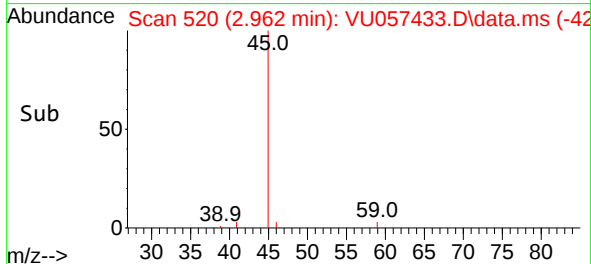
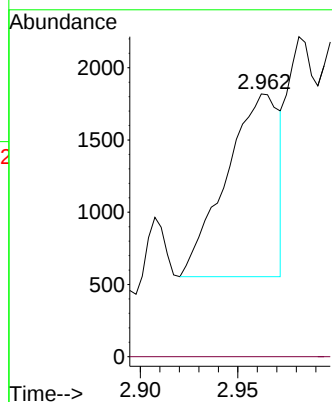
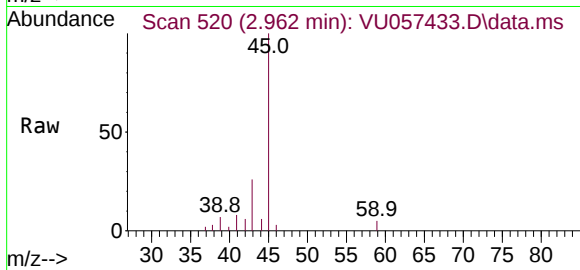
ClientSampleId :

Tgt Ion: 43 Resp: 2396

Ion Ratio Lower Upper

43 100

74 0.0 24.6 36.8#



#19

1,1-Dichloroethane

Concen: 2.676 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.007 min

Lab File: VU057433.D

Acq: 09 Jan 2024 12:35

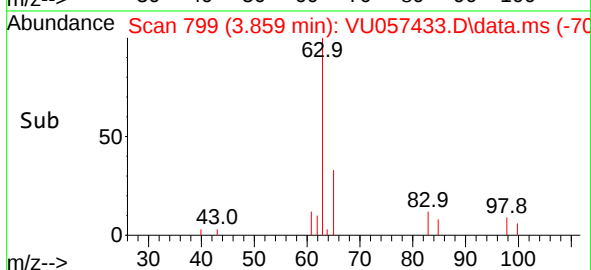
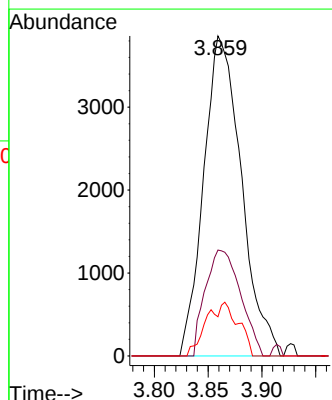
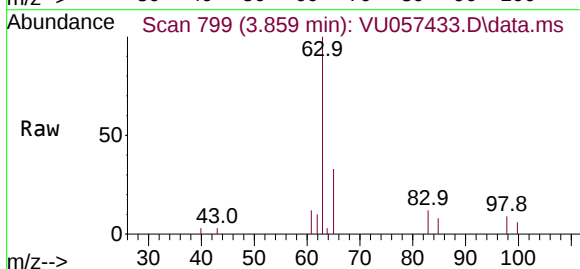
Tgt Ion: 63 Resp: 9389

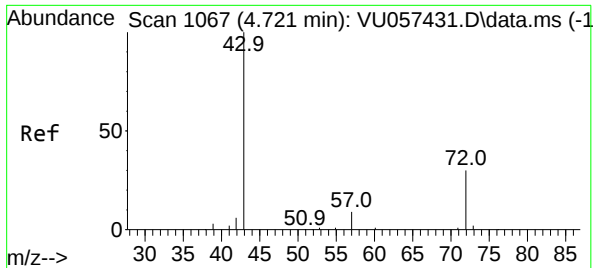
Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 11.9 11.3 21.1





#22
 2-Butanone
 Concen: 5.592 ug/L
 RT: 4.724 min Scan# 10
 Delta R.T. 0.003 min
 Lab File: VU057433.D
 Acq: 09 Jan 2024 12:35

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 43 Resp: 6118
 Ion Ratio Lower Upper
 43 100
 72 10.8 15.2 45.6#

