

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055854.D
 Acq On : 23 Oct 2023 14:40
 Operator : MD/SY
 Sample : 04947-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45J7

Quant Time: Oct 23 23:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

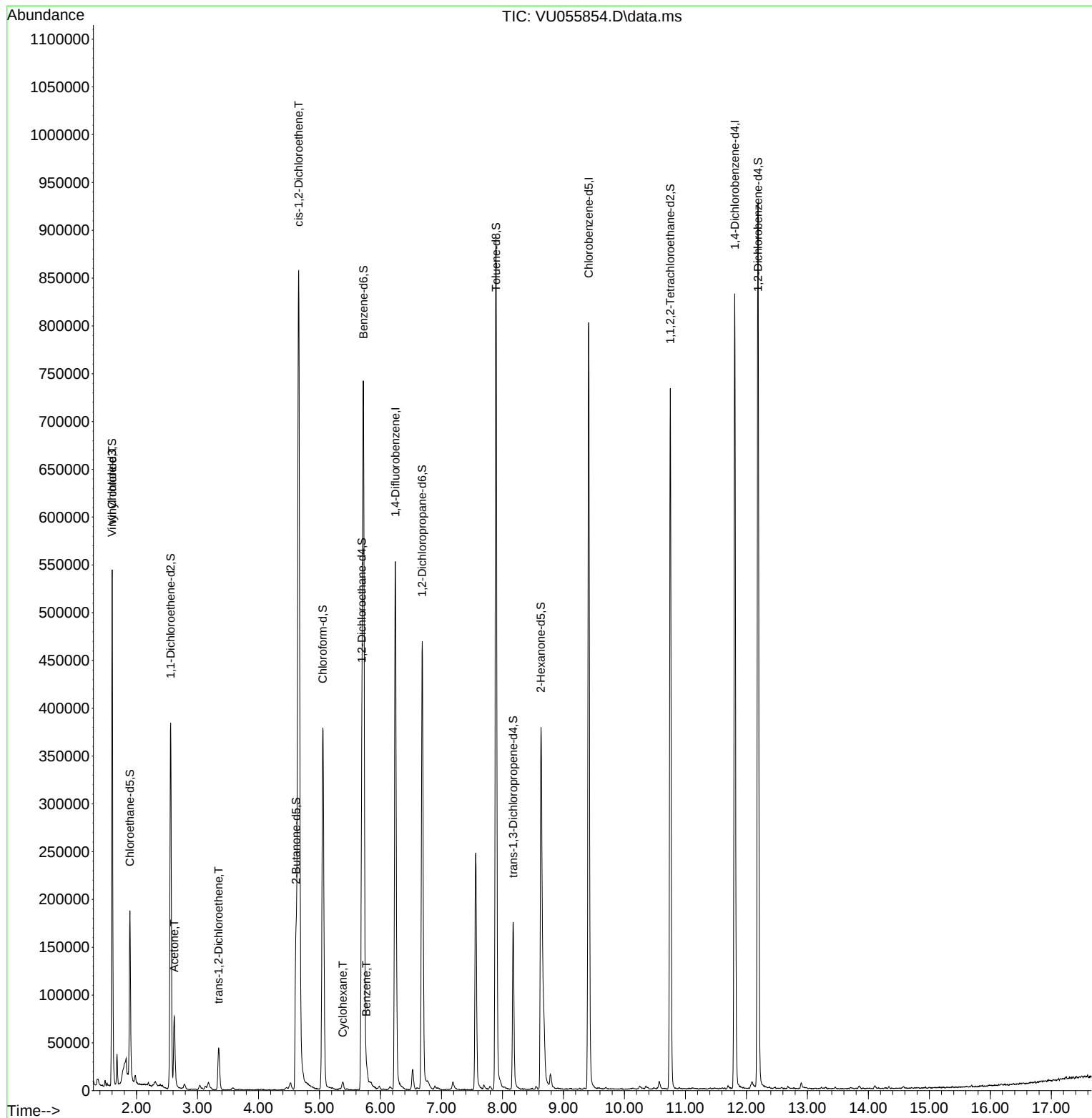
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	453947	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	454129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	222684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	155538	38.199	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	76.400%	
7) Chloroethane-d5	1.891	69	142381	42.779	ug/L	-0.02
Spiked Amount	50.000	Range 70 - 130	Recovery	=	85.560%	
11) 1,1-Dichloroethene-d2	2.560	63	229226	31.573	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.140%	
21) 2-Butanone-d5	4.615	46	245975	81.527	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	81.530%	
24) Chloroform-d	5.055	84	361060	46.255	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.520%	
26) 1,2-Dichloroethane-d4	5.695	65	233906	48.683	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.360%	
32) Benzene-d6	5.721	84	703081	48.388	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.780%	
36) 1,2-Dichloropropane-d6	6.685	67	228585	49.693	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.380%	
41) Toluene-d8	7.894	98	611218	46.586	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.180%	
43) trans-1,3-Dichloroprop...	8.177	79	101976	46.150	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	92.300%	
47) 2-Hexanone-d5	8.631	63	121110	66.973	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	66.970%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	367127	51.851	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.700%	
66) 1,2-Dichlorobenzene-d4	12.190	152	248638	56.265	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.540%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	251734	63.958	ug/L	99
13) Acetone	2.618	43	86123	30.760	ug/L	98
17) trans-1,2-Dichloroethene	3.348	96	18532	5.631	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	453917	120.857	ug/L	98
29) Cyclohexane	5.383	56	4246	0.816	ug/L	95
33) Benzene	5.769	78	13988	0.974	ug/L	100

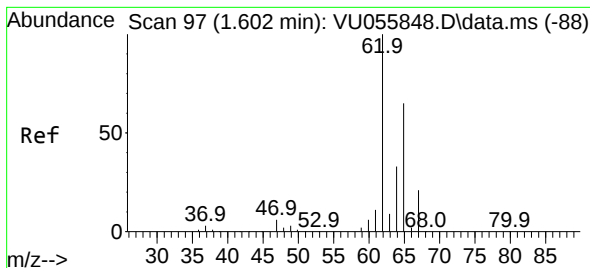
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 63.958 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

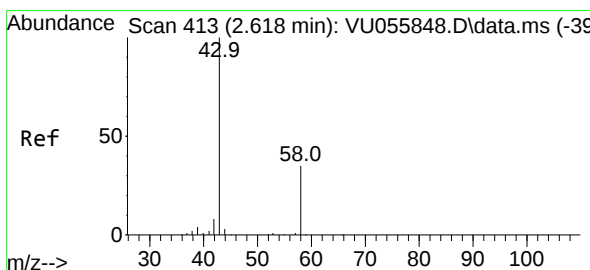
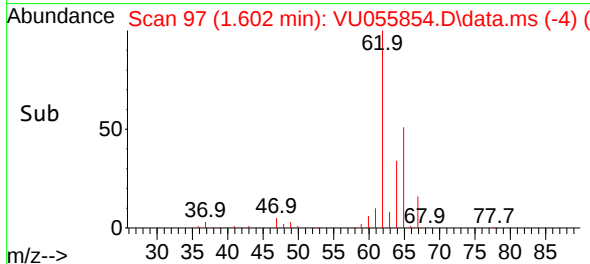
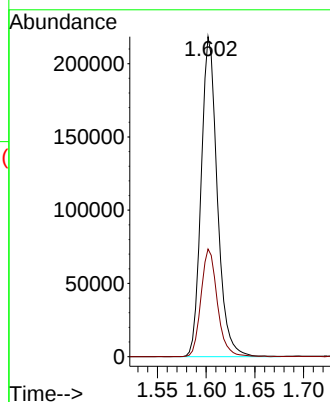
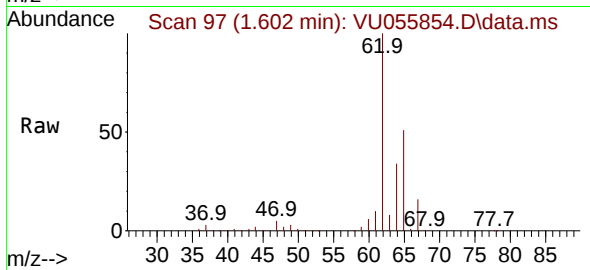
E45J7

Tgt Ion: 62 Resp: 251734

Ion Ratio Lower Upper

62 100

64 33.7 23.9 44.5



#13

Acetone

Concen: 30.760 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU055854.D

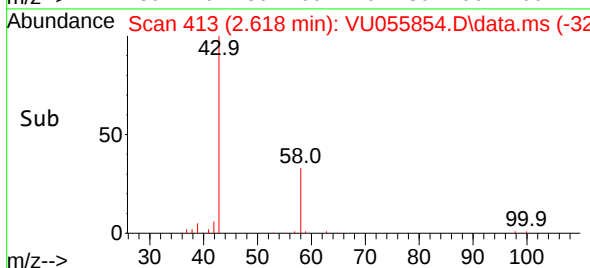
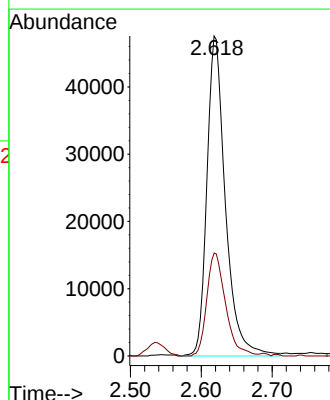
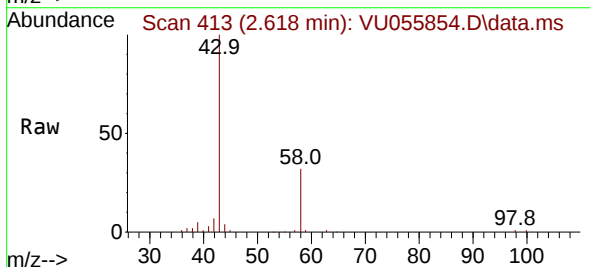
Acq: 23 Oct 2023 14:40

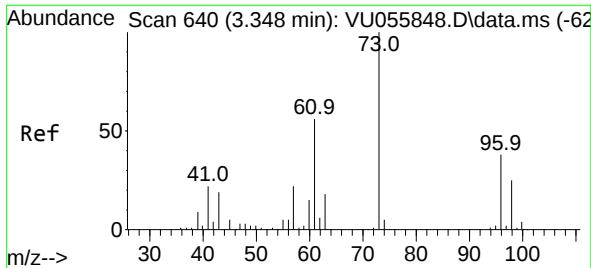
Tgt Ion: 43 Resp: 86123

Ion Ratio Lower Upper

43 100

58 32.6 0.0 67.4

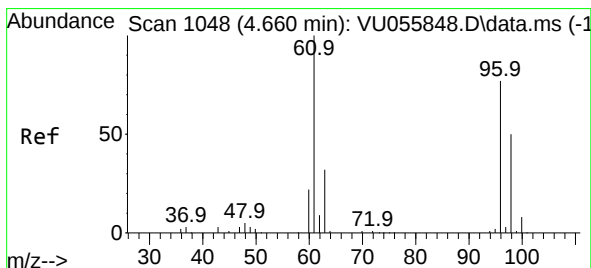
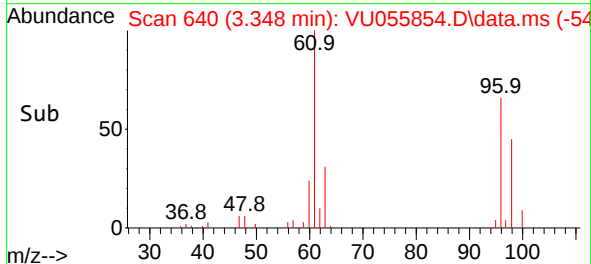
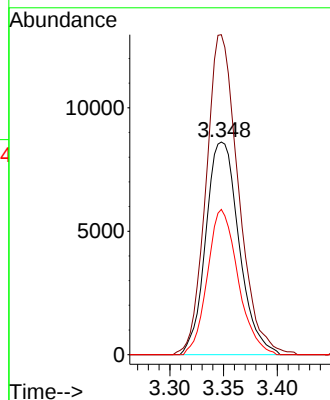
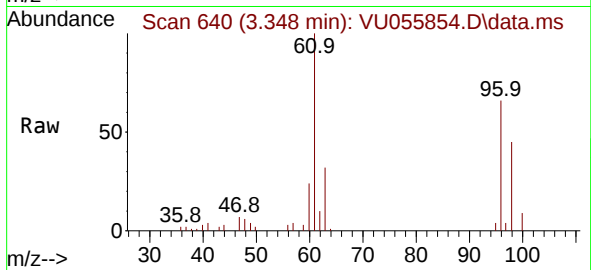




#17
 trans-1,2-Dichloroethene
 Concen: 5.631 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. 0.000 min
 Lab File: VU055854.D
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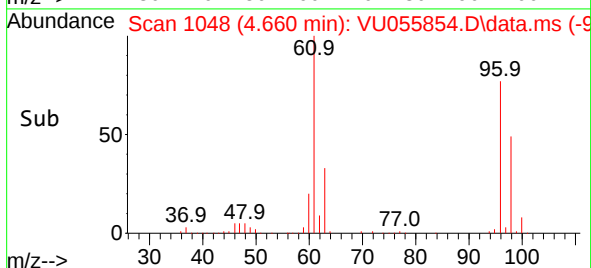
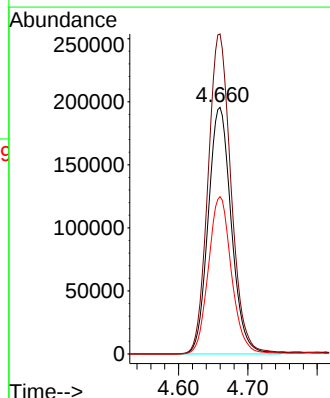
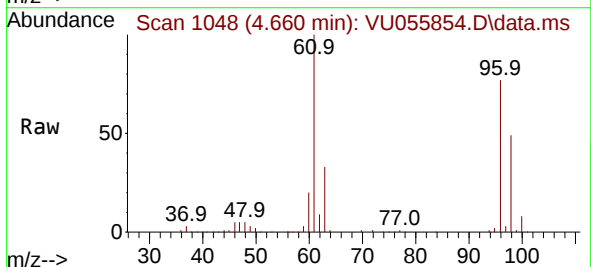
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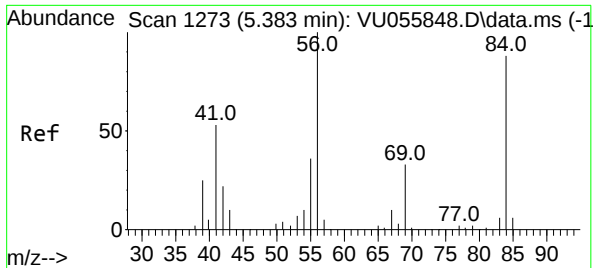
Tgt Ion: 96 Resp: 18532
 Ion Ratio Lower Upper
 96 100
 61 150.5 102.1 189.7
 98 68.3 46.3 86.1



#20
 cis-1,2-Dichloroethene
 Concen: 120.857 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055854.D
 Acq: 23 Oct 2023 14:40

Tgt Ion: 96 Resp: 453917
 Ion Ratio Lower Upper
 96 100
 61 129.7 92.3 171.5
 98 63.7 43.9 81.5





#29

Cyclohexane

Concen: 0.816 ug/L

RT: 5.383 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU055854.D

Acq: 23 Oct 2023 14:40

Instrument :

MSVOA_U

ClientSampleId :

E45J7

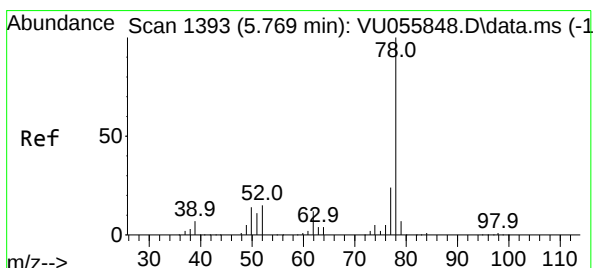
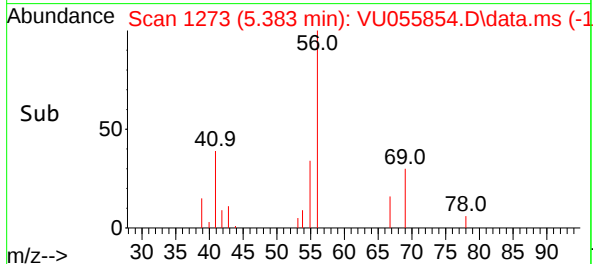
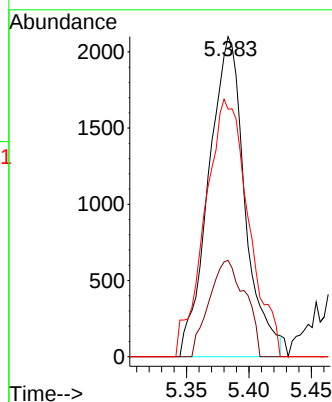
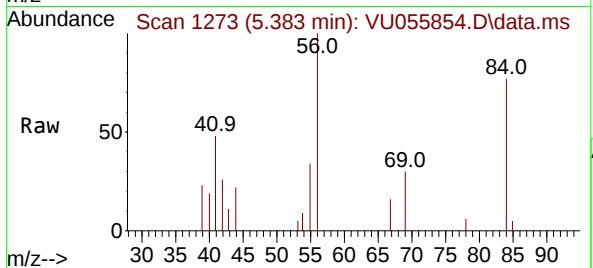
Tgt Ion: 56 Resp: 4246

Ion Ratio Lower Upper

56 100

69 29.9 24.9 37.3

84 94.3 70.7 106.1



#33

Benzene

Concen: 0.974 ug/L

RT: 5.769 min Scan# 1393

Delta R.T. 0.000 min

Lab File: VU055854.D

Acq: 23 Oct 2023 14:40

Tgt Ion: 78 Resp: 13988

