

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102323\
 Data File : VU055855.D
 Acq On : 23 Oct 2023 15:04
 Operator : MD/SY
 Sample : 04947-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45J8

Quant Time: Oct 23 23:19:17 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)

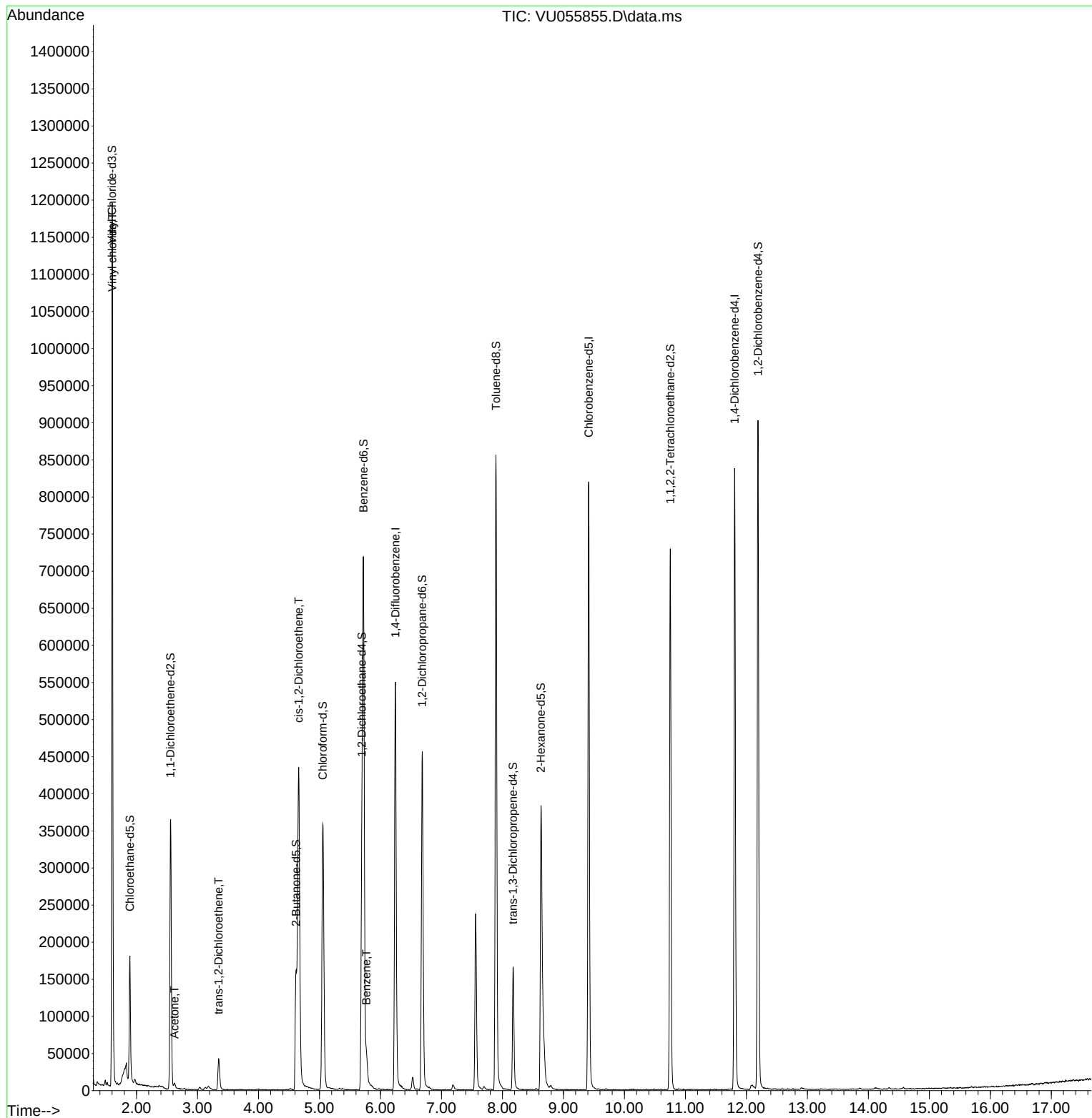
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	449649	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	453719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	219045	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	155199	38.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.960%
7) Chloroethane-d5	1.891	69	134717	40.863	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.720%
11) 1,1-Dichloroethene-d2	2.557	63	222662	30.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.920%
21) 2-Butanone-d5	4.615	46	241954	80.961	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.960%
24) Chloroform-d	5.055	84	344726	44.585	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.695	65	229588	48.241	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.480%
32) Benzene-d6	5.721	84	676483	46.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.685	67	222471	48.408	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.820%
41) Toluene-d8	7.894	98	589816	44.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.174	79	97787	44.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.580%
47) 2-Hexanone-d5	8.631	63	124857	69.107	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.110%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	368396	52.077	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	12.190	152	235972	54.286	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.580%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	709653	182.024	ug/L	97
13) Acetone	2.621	43	7669	2.765	ug/L	96
17) trans-1,2-Dichloroethene	3.348	96	16983	5.210	ug/L	97
20) cis-1,2-Dichloroethene	4.660	96	219160	58.910	ug/L	97
33) Benzene	5.769	78	39769	2.773	ug/L	100

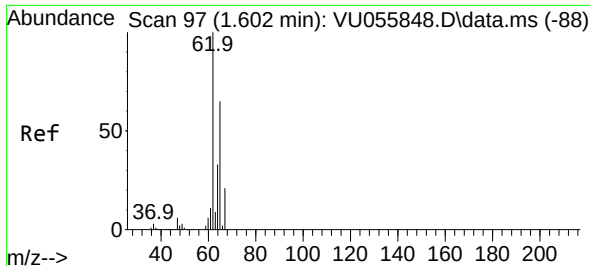
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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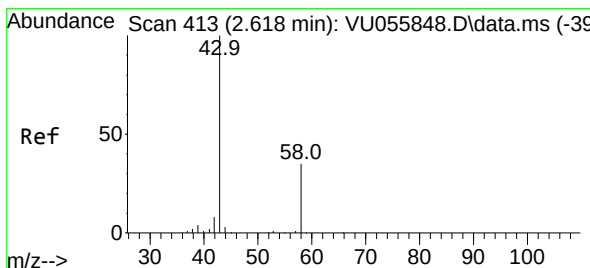
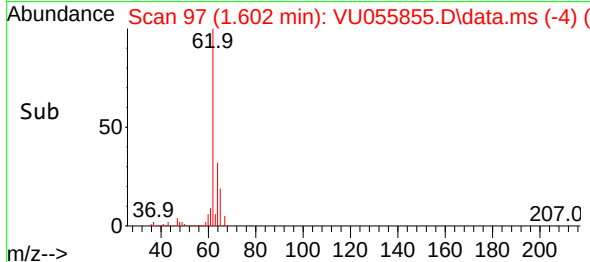
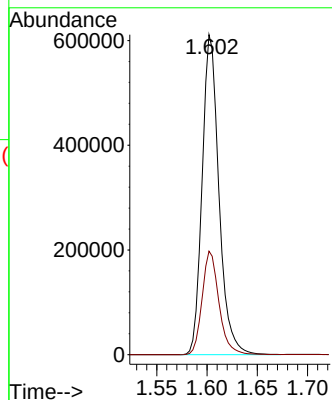
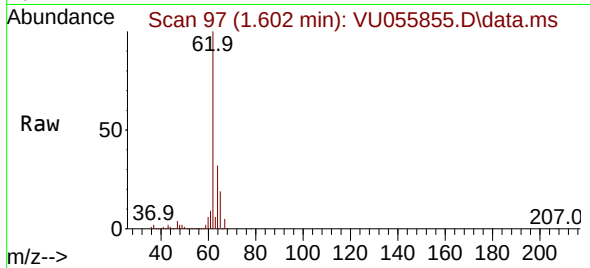




#5
 Vinyl chloride
 Concen: 182.024 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055855.D
 Acq: 23 Oct 2023 15:04

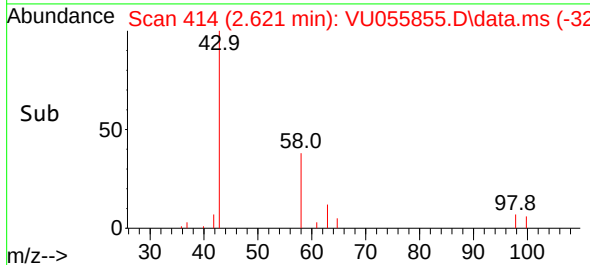
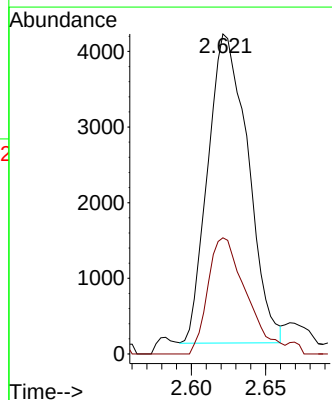
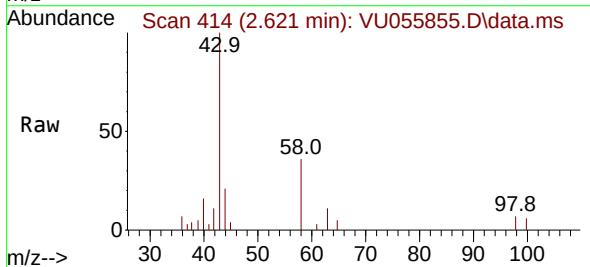
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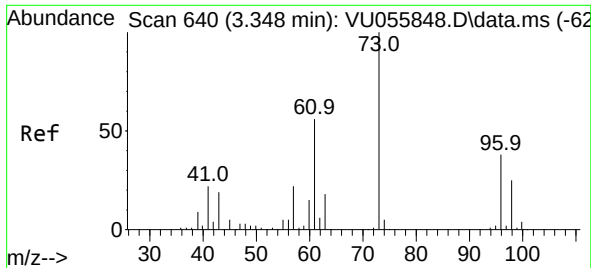
Tgt Ion: 62 Resp: 709653
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.9 44.5



#13
 Acetone
 Concen: 2.765 ug/L
 RT: 2.621 min Scan# 414
 Delta R.T. 0.003 min
 Lab File: VU055855.D
 Acq: 23 Oct 2023 15:04

Tgt Ion: 43 Resp: 7669
 Ion Ratio Lower Upper
 43 100
 58 35.9 0.0 67.4

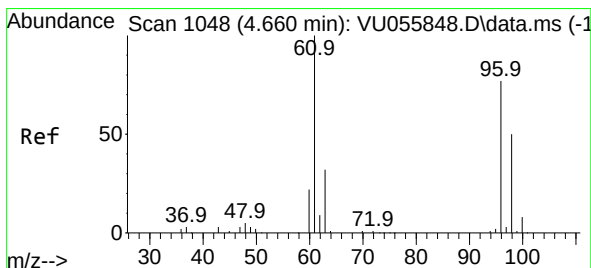
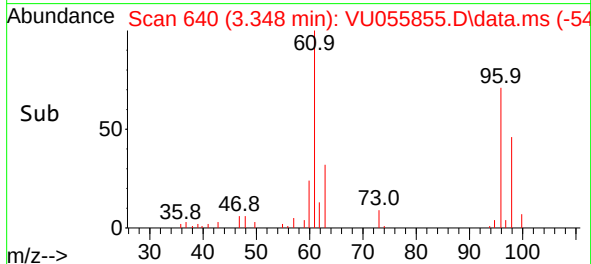
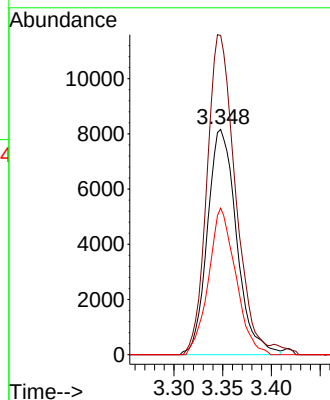
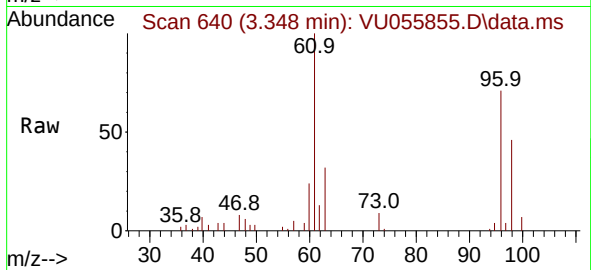




#17
trans-1,2-Dichloroethene
Concen: 5.210 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU055855.D
Acq: 23 Oct 2023 15:04

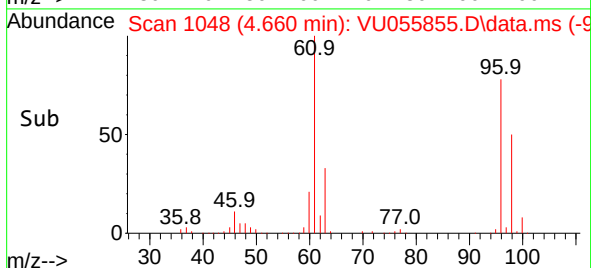
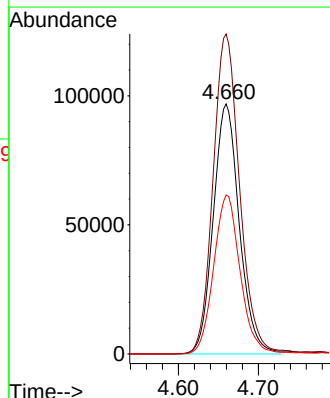
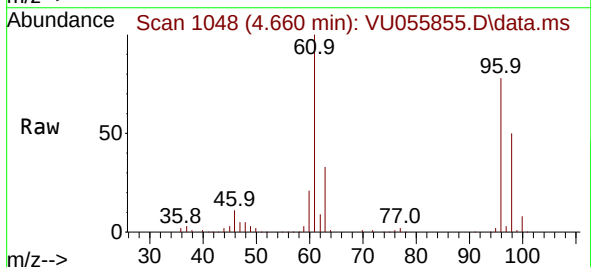
Instrument :
MSVOA_U
ClientSampleId :
E45J8

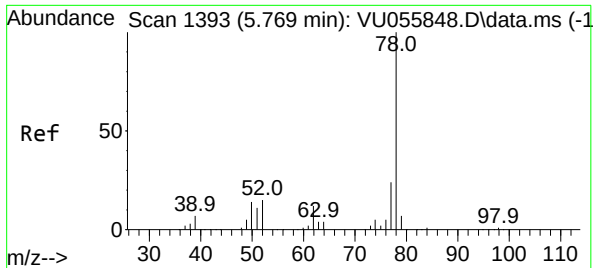
Tgt Ion: 96 Resp: 16983
Ion Ratio Lower Upper
96 100
61 141.7 102.1 189.7
98 65.0 46.3 86.1



#20
cis-1,2-Dichloroethene
Concen: 58.910 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055855.D
Acq: 23 Oct 2023 15:04

Tgt Ion: 96 Resp: 219160
Ion Ratio Lower Upper
96 100
61 128.0 92.3 171.5
98 63.6 43.9 81.5





#33
Benzene
Concen: 2.773 ug/L
RT: 5.769 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055855.D
Acq: 23 Oct 2023 15:04
Tgt Ion: 78 Resp: 39769

Instrument :
MSVOA_U
ClientSampleId :
E45J8

