

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055836.D
 Acq On : 20 Oct 2023 16:39
 Operator : MD/SY
 Sample : 04947-12 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45J9

Quant Time: Oct 23 01:08:39 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)

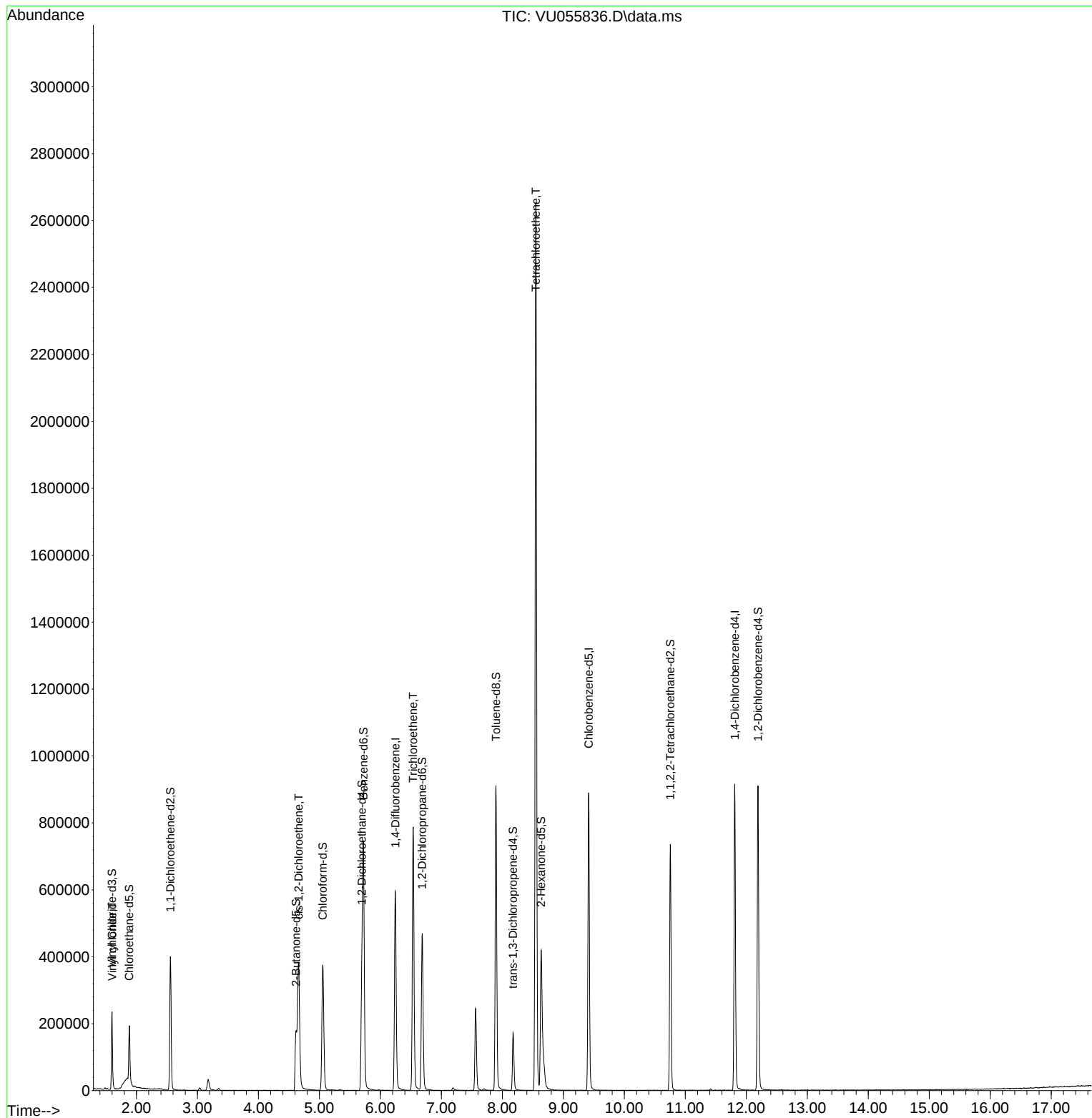
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	488295	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	493798	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	240940	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	162823	37.176	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.360%
7) Chloroethane-d5	1.882	69	145664	40.687	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.380%
11) 1,1-Dichloroethene-d2	2.557	63	239788	30.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.400%
21) 2-Butanone-d5	4.615	46	273552	84.290	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.290%
24) Chloroform-d	5.055	84	358829	42.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.480%
26) 1,2-Dichloroethane-d4	5.695	65	235800	45.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.260%
32) Benzene-d6	5.721	84	705762	44.670	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.340%
36) 1,2-Dichloropropane-d6	6.685	67	225047	44.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.980%
41) Toluene-d8	7.894	98	612806	42.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.900%
43) trans-1,3-Dichloroprop...	8.174	79	101025	42.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.100%
47) 2-Hexanone-d5	8.634	63	141395	71.909	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.910%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	366943	47.662	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.320%
66) 1,2-Dichlorobenzene-d4	12.190	152	242930	50.808	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.620%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	11056	2.611	ug/L	# 80
20) cis-1,2-Dichloroethene	4.660	96	189570	46.923	ug/L	99
34) Trichloroethene	6.538	95	274300	64.224	ug/L	98
46) Tetrachloroethene	8.547	164	572058	187.075	ug/L	97

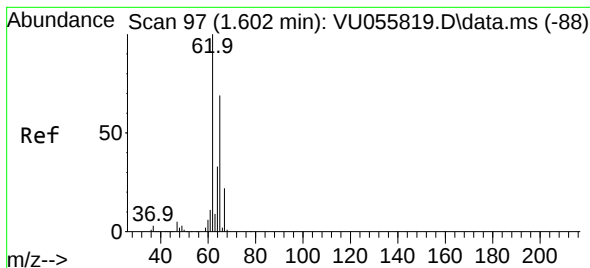
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.611 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

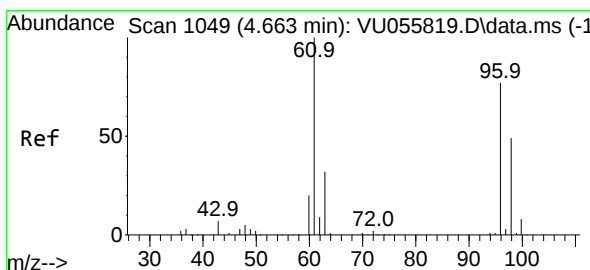
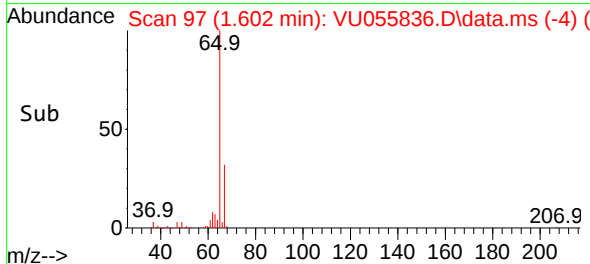
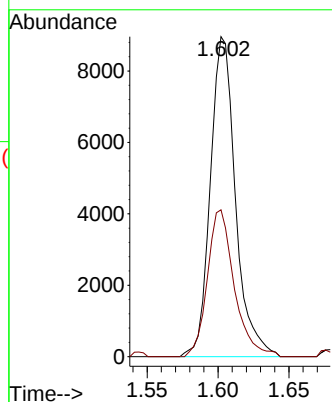
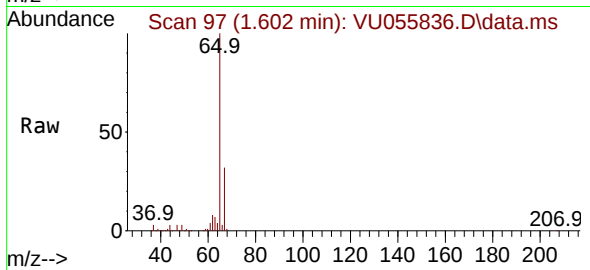
E45J9

Tgt Ion: 62 Resp: 11056

Ion Ratio Lower Upper

62 100

64 45.9 23.9 44.5#



#20

cis-1,2-Dichloroethene

Concen: 46.923 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU055836.D

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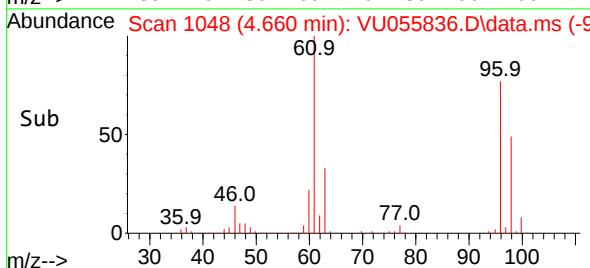
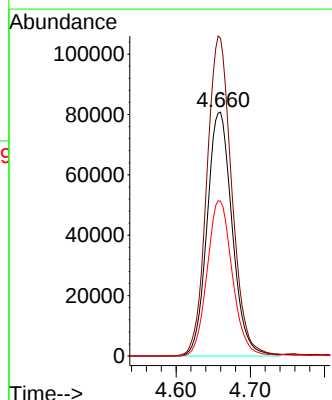
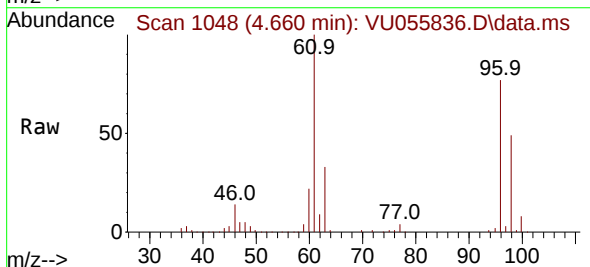
Tgt Ion: 96 Resp: 189570

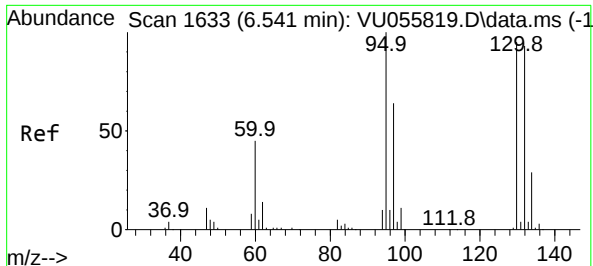
Ion Ratio Lower Upper

96 100

61 130.3 92.3 171.5

98 63.4 43.9 81.5





#34

Trichloroethene

Concen: 64.224 ug/L

RT: 6.538 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU055836.D

Acq: 20 Oct 2023 16:39

Instrument :

MSVOA_U

ClientSampleId :

E45J9

Tgt Ion: 95 Resp: 274300

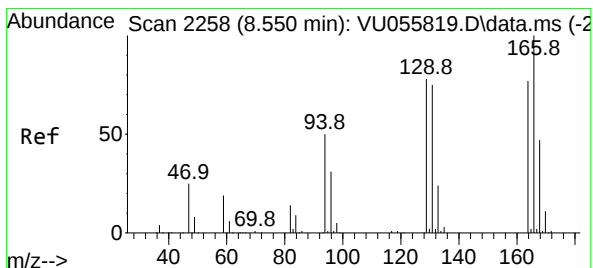
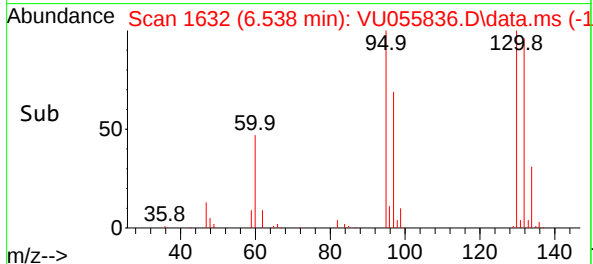
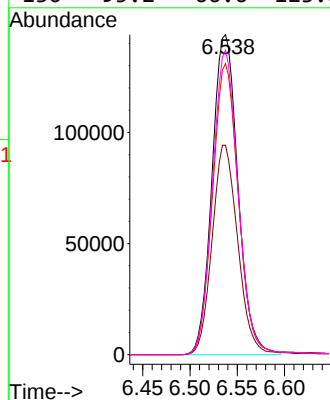
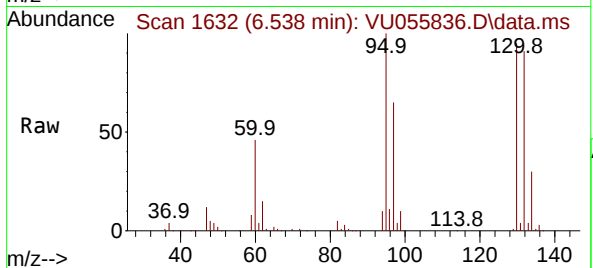
Ion Ratio Lower Upper

95 100

97 65.5 44.4 82.5

132 90.9 61.8 114.8

130 95.2 66.6 123.8



#46

Tetrachloroethene

Concen: 187.075 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

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Acq: 20 Oct 2023 16:39

Tgt Ion:164 Resp: 572058

Ion Ratio Lower Upper

164 100

129 101.6 70.7 131.3

131 99.7 65.9 122.5

166 129.0 87.8 163.0

