

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071524\
 Data File : VU059944.D
 Acq On : 15 Jul 2024 12:25
 Operator : MD/SY
 Sample : P3230-02ME 40X
 Misc : 5.28g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHB33ME

Quant Time: Jul 16 05:47:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 05:46:09 2024
 Response via : Initial Calibration

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

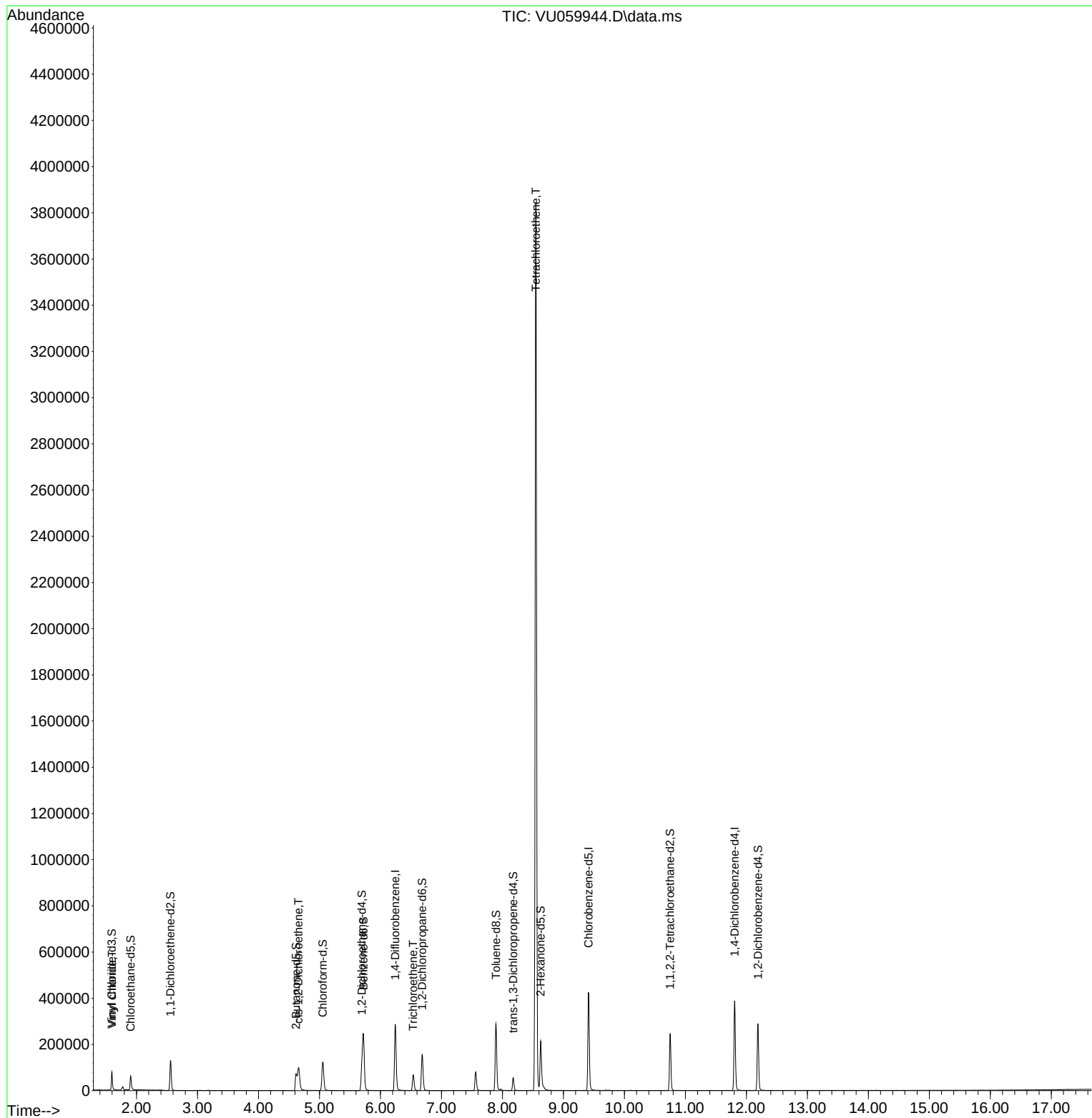
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	243588	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	249310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112928	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	56891	36.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.760%
7) Chloroethane-d5	1.904	69	52706	40.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.120%
11) 1,1-Dichloroethene-d2	2.557	63	75238	27.078	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.160%#
21) 2-Butanone-d5	4.615	46	102904	94.675	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.680%
24) Chloroform-d	5.055	84	120556	39.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.695	65	75467	41.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.820%
32) Benzene-d6	5.721	84	240725	37.707	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.420%
36) 1,2-Dichloropropane-d6	6.685	67	80268	40.624	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.240%
41) Toluene-d8	7.894	98	206131	33.953	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.900%#
43) trans-1,3-Dichloroprop...	8.177	79	33460	36.189	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.380%
47) 2-Hexanone-d5	8.627	63	74803	89.831	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.830%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	129856	42.819	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.640%
66) 1,2-Dichlorobenzene-d4	12.190	152	84446	40.694	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.380%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	5225	2.998	ug/L	83
20) cis-1,2-Dichloroethene	4.657	96	53899	29.935	ug/L	96
34) Trichloroethene	6.537	95	23990	13.353	ug/L	97
46) Tetrachloroethene	8.550	164	884660	598.569	ug/L	99

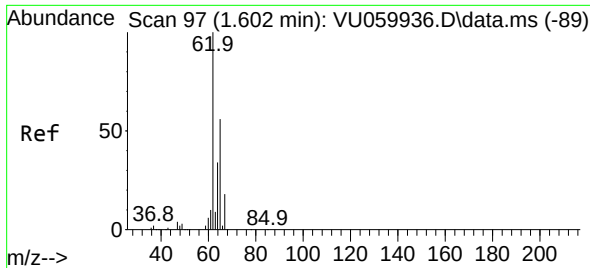
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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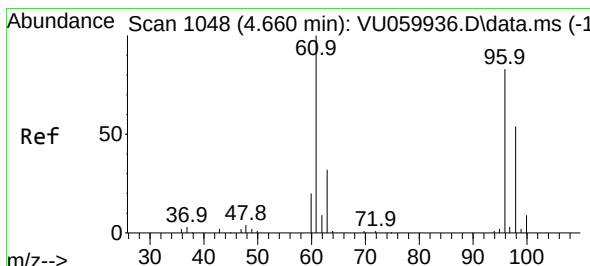
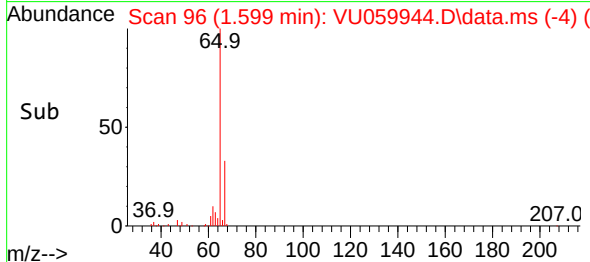
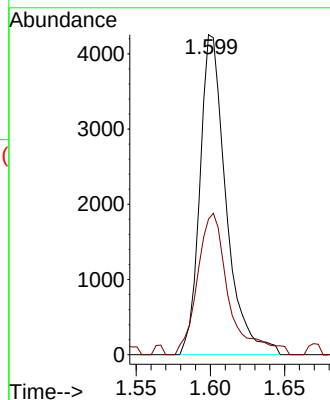
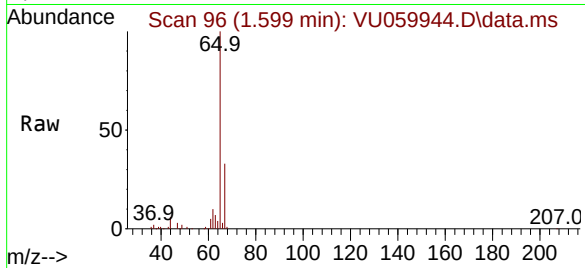




#5
 Vinyl chloride
 Concen: 2.998 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU059944.D
 Acq: 15 Jul 2024 12:25

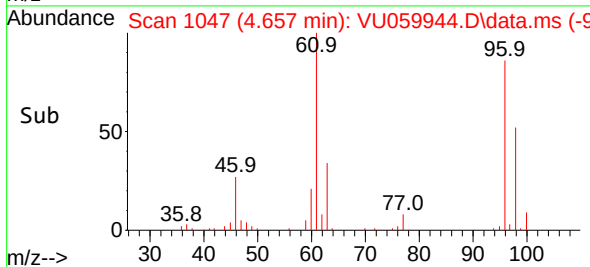
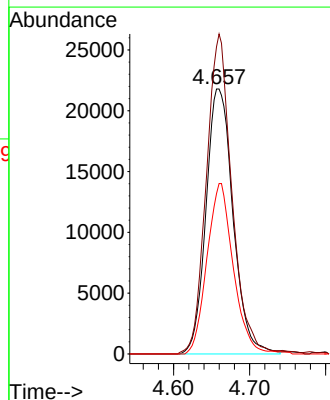
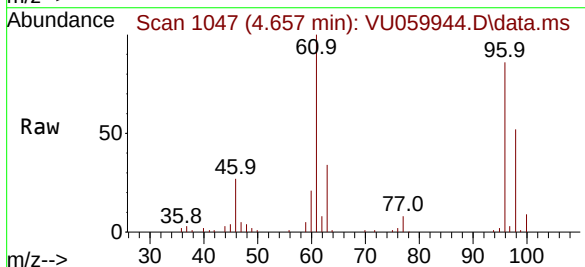
Instrument :
 MSVOA_U
 ClientSampleId :
 BHB33ME

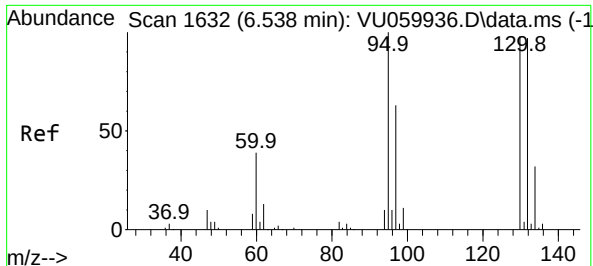
Tgt Ion: 62 Resp: 5225
 Ion Ratio Lower Upper
 62 100
 64 42.3 22.9 42.5



#20
 cis-1,2-Dichloroethene
 Concen: 29.935 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU059944.D
 Acq: 15 Jul 2024 12:25

Tgt Ion: 96 Resp: 53899
 Ion Ratio Lower Upper
 96 100
 61 116.0 83.2 154.4
 98 60.5 45.9 85.3





#34

Trichloroethene

Concen: 13.353 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059944.D

Acq: 15 Jul 2024 12:25

Instrument :

MSVOA_U

ClientSampleId :

BHB33ME

Tgt Ion: 95 Resp: 23990

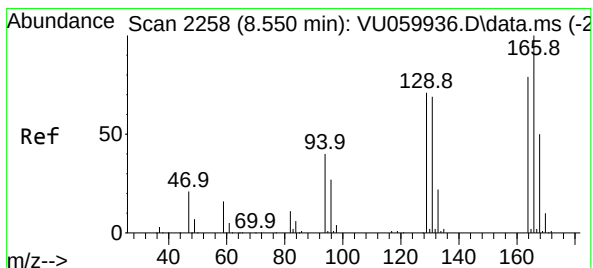
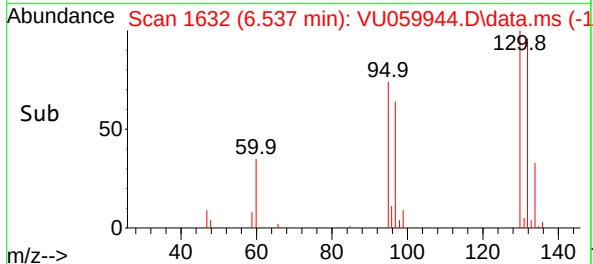
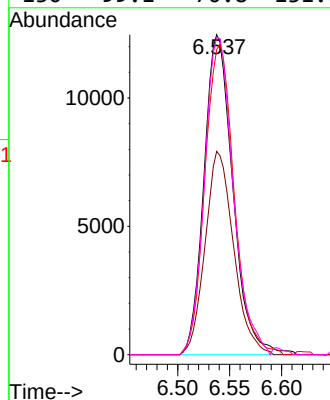
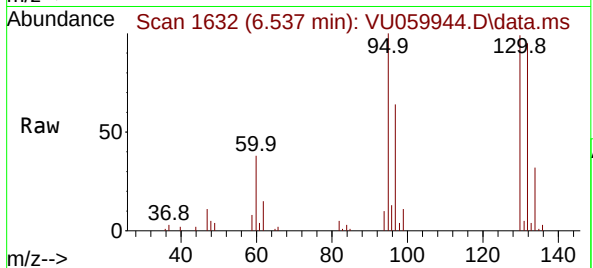
Ion Ratio Lower Upper

95 100

97 63.6 45.8 85.2

132 95.4 69.8 129.6

130 99.1 70.8 131.6



#46

Tetrachloroethene

Concen: 598.569 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU059944.D

Acq: 15 Jul 2024 12:25

Tgt Ion:164 Resp: 884660

Ion Ratio Lower Upper

164 100

129 92.5 62.7 116.5

131 88.9 62.3 115.7

166 128.2 88.9 165.1

