

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056189.D
 Acq On : 10 Nov 2023 23:00
 Operator : MD/SY
 Sample : 05340-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM4

Quant Time: Nov 11 01:43:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 00:40:59 2023
 Response via : Initial Calibration

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

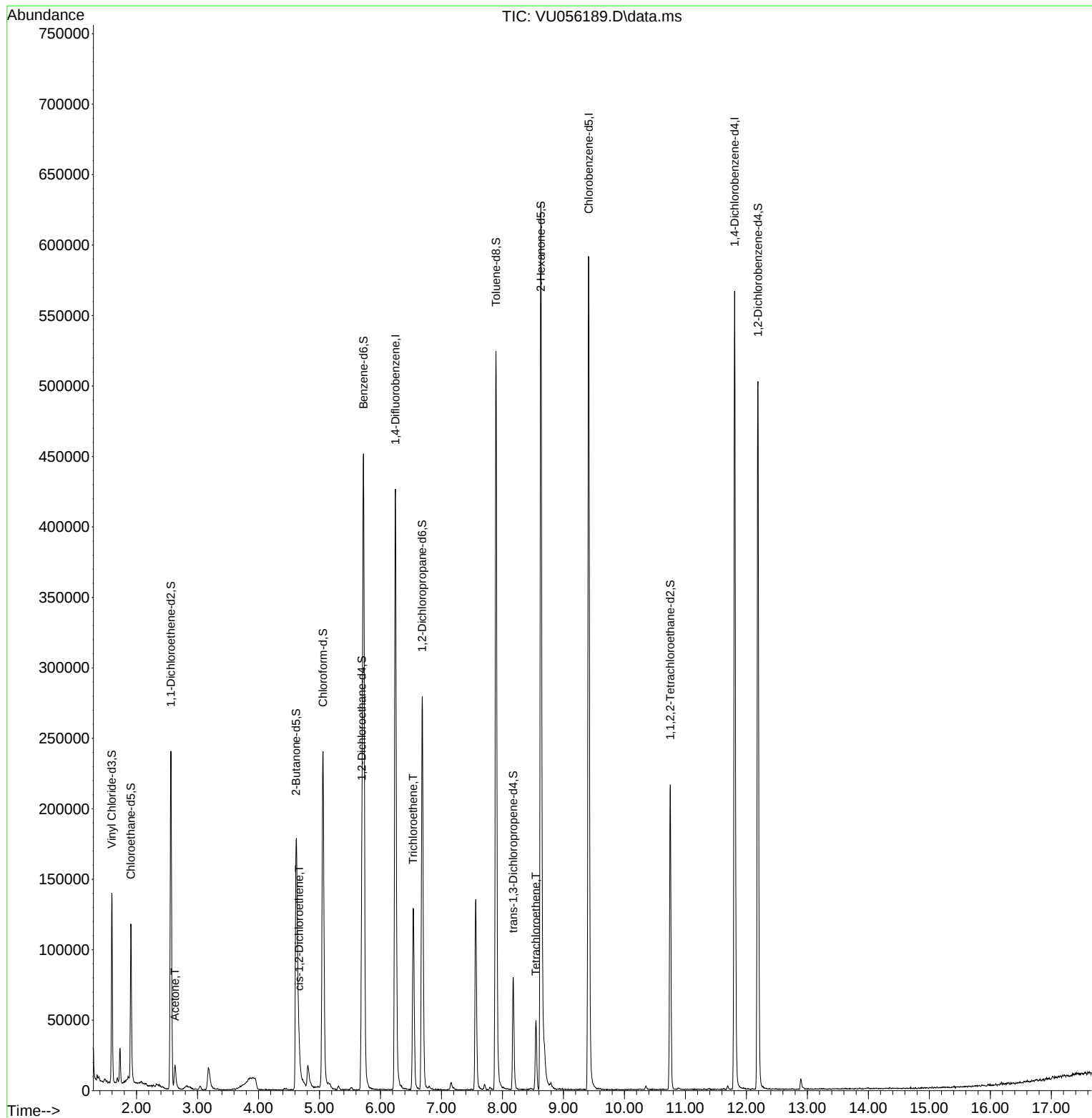
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	363409	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	364156	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	162289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	98129	4.350	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.907	69	81948	5.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.563	65	45720	4.601	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.618	46	266310	71.965	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.920%#
24) Chloroform-d	5.058	84	227608	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.695	65	107781	5.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.721	84	446703	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.685	67	141224	5.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.894	98	371663	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.177	79	48652	4.944	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.800%
46) 2-Hexanone-d5	8.630	63	221717	68.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.480%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110182	5.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	142125	5.679	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
13) Acetone	2.631	43	23140	8.479	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	4783	0.179	ug/L	95
34) Trichloroethene	6.537	95	47185	1.657	ug/L	95
47) Tetrachloroethene	8.550	164	11719	0.548	ug/L	97

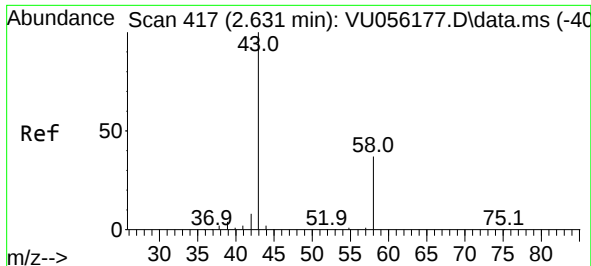
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.479 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.000 min

Lab File: VU056189.D

Acq: 10 Nov 2023 23:00

Instrument :

MSVOA_U

ClientSampleId :

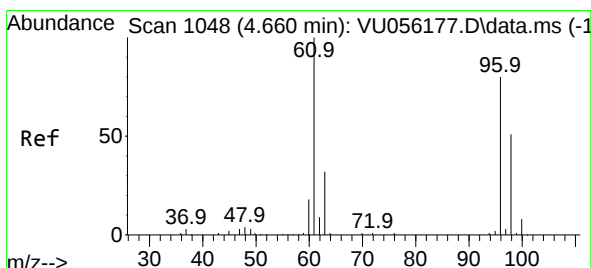
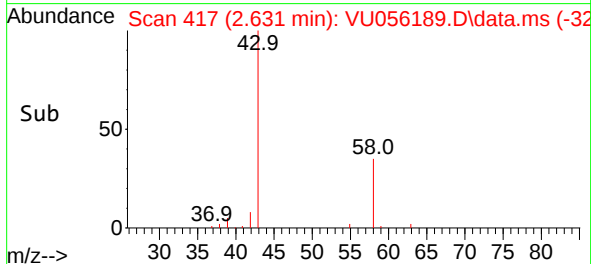
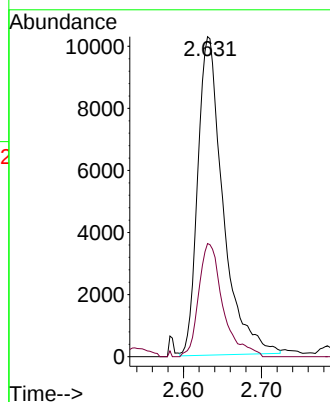
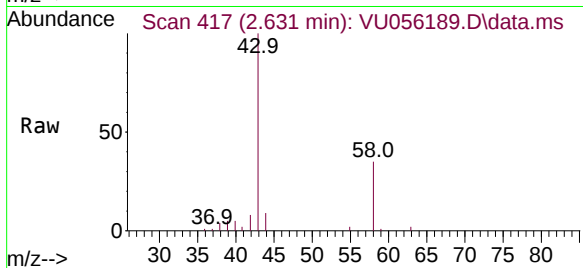
GCDM4

Tgt Ion: 43 Resp: 23140

Ion Ratio Lower Upper

43 100

58 33.9 0.0 74.4



#22

cis-1,2-Dichloroethene

Concen: 0.179 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VU056189.D

Acq: 10 Nov 2023 23:00

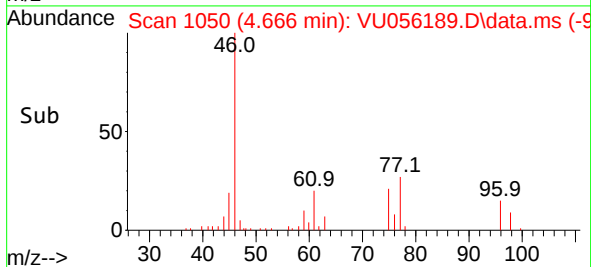
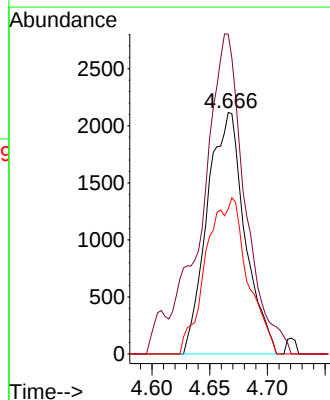
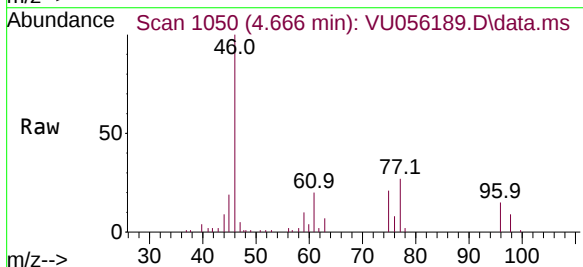
Tgt Ion: 96 Resp: 4783

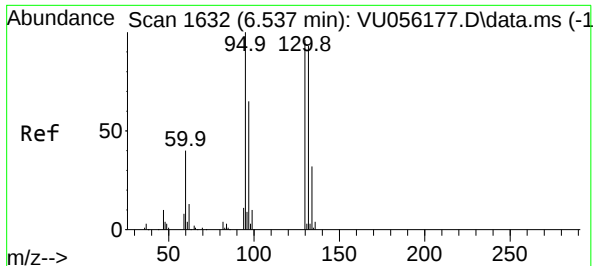
Ion Ratio Lower Upper

96 100

61 132.5 87.8 163.2

98 60.0 43.5 80.7



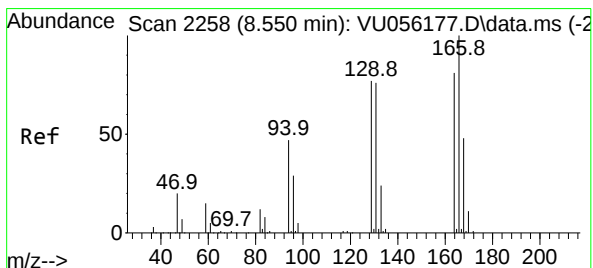
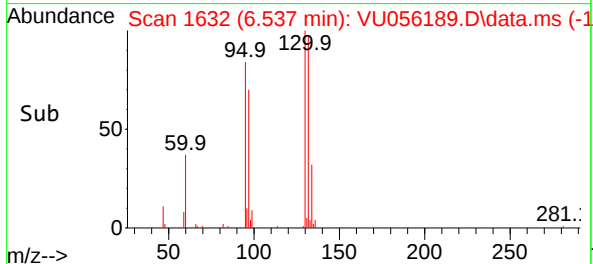
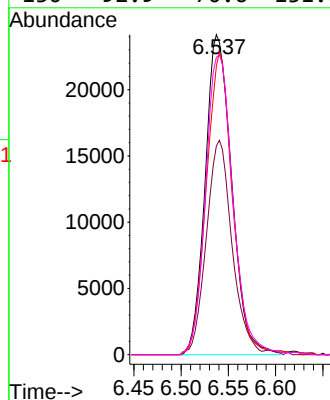
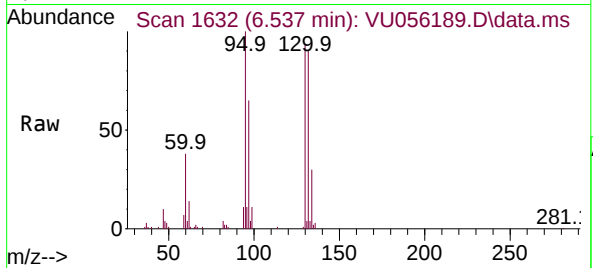


#34
Trichloroethene
Concen: 1.657 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
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Instrument :
MSVOA_U
ClientSampleId :
GCDM4

Tgt Ion: 95 Resp: 47185

Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.8	87.0
132	90.1	66.5	123.5
130	92.9	70.6	131.0



#47
Tetrachloroethene
Concen: 0.548 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056189.D
Acq: 10 Nov 2023 23:00

Tgt Ion: 164 Resp: 11719

Ion	Ratio	Lower	Upper
164	100		
129	92.1	66.6	123.8
131	91.8	67.8	126.0
166	120.7	85.9	159.5

