

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056218.D
 Acq On : 11 Nov 2023 15:39
 Operator : MD/SY
 Sample : 05340-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDM4

Quant Time: Nov 11 20:22:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 20:19:10 2023
 Response via : Initial Calibration

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

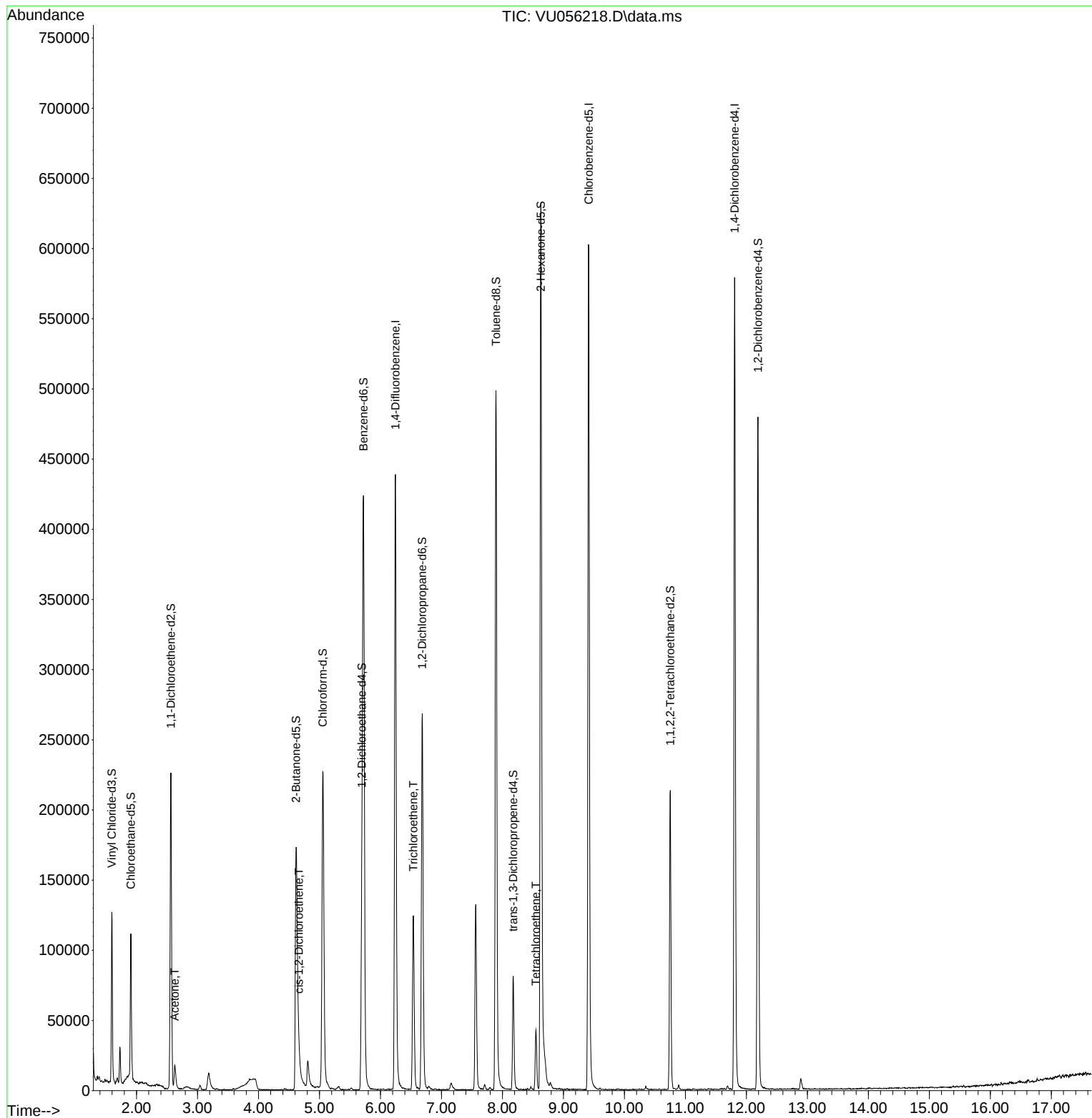
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	365986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	364913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	163534	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	88335	3.889	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	77868	5.051	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	2.563	65	42456	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.618	46	258914	69.473	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.940%#
24) Chloroform-d	5.055	84	219012	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.695	65	103284	5.424	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.721	84	424681	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.685	67	136541	5.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.894	98	357137	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.177	79	47138	4.780	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.631	63	222230	68.754	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	137.500%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	107051	5.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	135941	5.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	20430	7.433	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	4795	0.178	ug/L	94
34) Trichloroethene	6.541	95	45010	1.577	ug/L	98
47) Tetrachloroethene	8.550	164	9844	0.460	ug/L	86

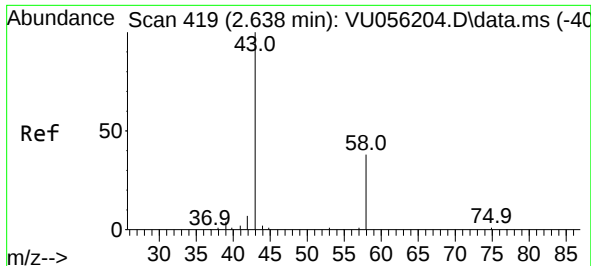
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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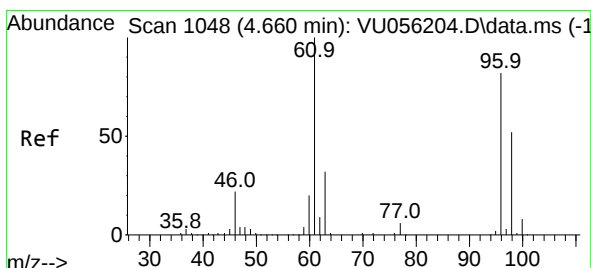
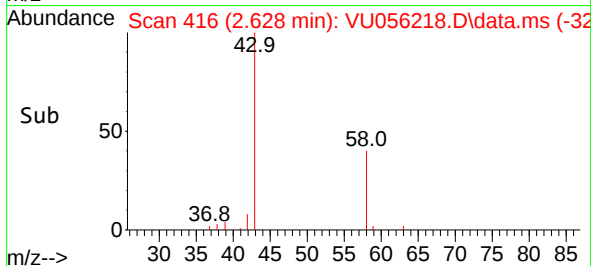
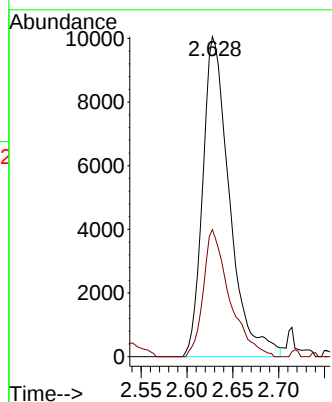
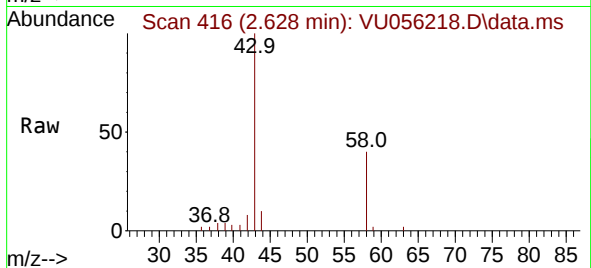




#13
Acetone
Concen: 7.433 ug/L
RT: 2.628 min Scan# 41
Delta R.T. -0.010 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

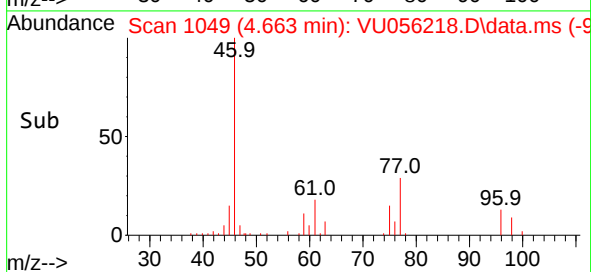
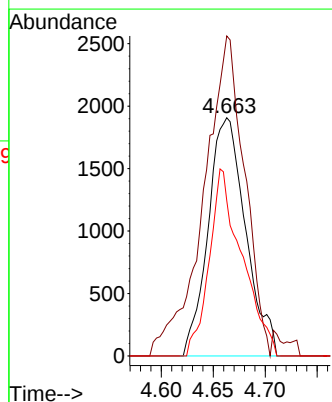
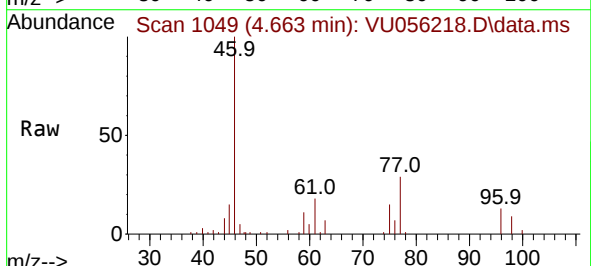
Instrument :
MSVOA_U
ClientSampleId :
GCDM4

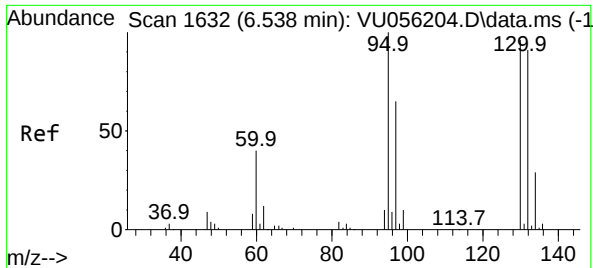
Tgt Ion: 43 Resp: 20430
Ion Ratio Lower Upper
43 100
58 38.7 0.0 74.4



#22
cis-1,2-Dichloroethene
Concen: 0.178 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

Tgt Ion: 96 Resp: 4795
Ion Ratio Lower Upper
96 100
61 134.3 87.8 163.2
98 65.2 43.5 80.7

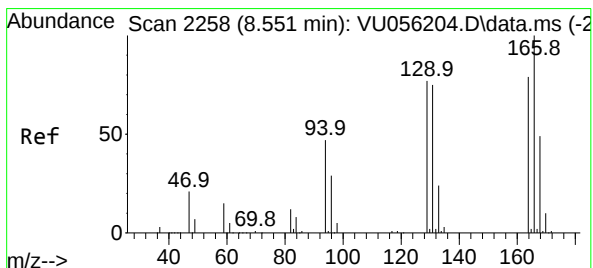
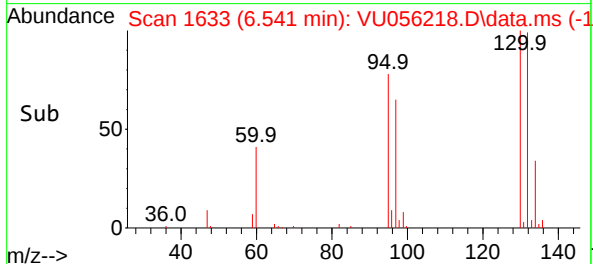
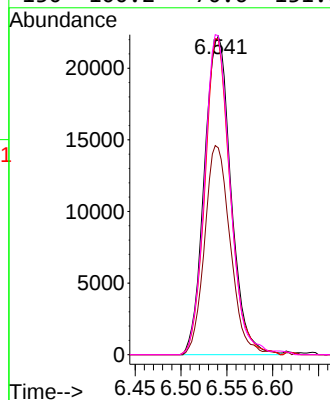
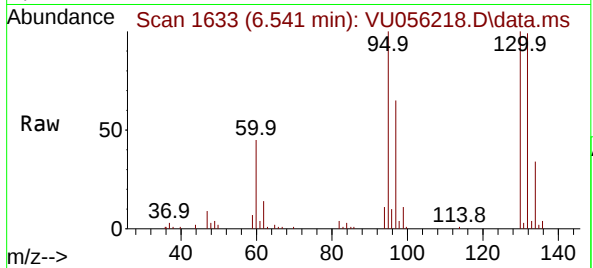




#34
Trichloroethene
Concen: 1.577 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.003 min
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Instrument :
MSVOA_U
ClientSampleId :
GCDM4

Tgt Ion: 95 Resp: 45010
Ion Ratio Lower Upper
95 100
97 65.0 46.8 87.0
132 99.1 66.5 123.5
130 100.2 70.6 131.0



#47
Tetrachloroethene
Concen: 0.460 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056218.D
Acq: 11 Nov 2023 15:39

Tgt Ion: 164 Resp: 9844
Ion Ratio Lower Upper
164 100
129 107.9 66.6 123.8
131 104.8 67.8 126.0
166 144.8 85.9 159.5

