

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111123\
 Data File : VU056238.D
 Acq On : 12 Nov 2023 00:33
 Operator : MD/SY
 Sample : 05371-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP4

Quant Time: Nov 12 00:47:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 11 22:15:12 2023
 Response via : Initial Calibration

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

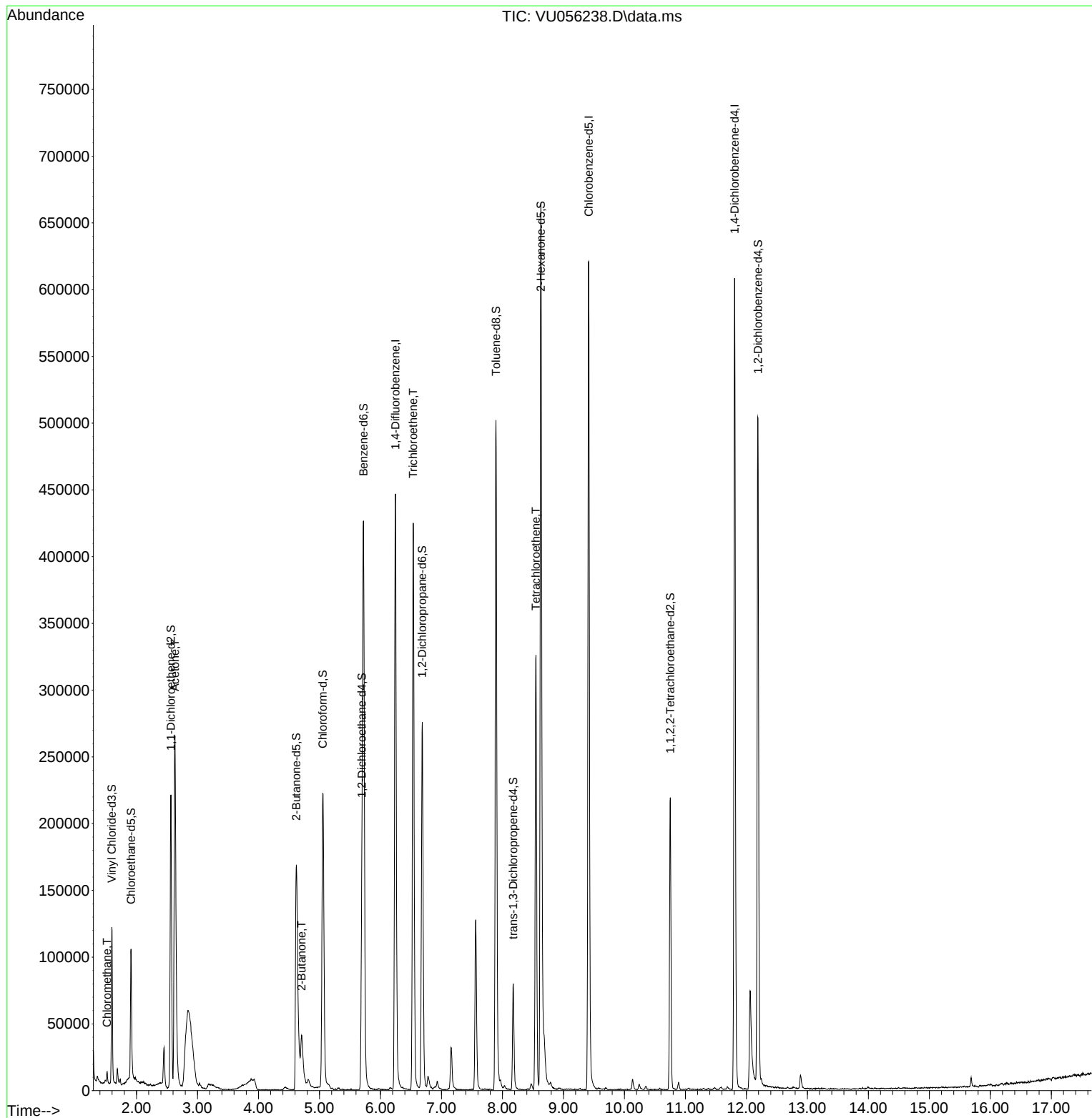
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	380267	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	377225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	171893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85584	3.626	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	73177	4.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.563	65	40294	3.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.621	46	273509	70.633	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.260%#
24) Chloroform-d	5.055	84	220643	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.695	65	106949	5.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.721	84	428425	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.685	67	137939	5.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.894	98	358159	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.177	79	47128	4.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.631	63	238172	71.281	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.560%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	109814	5.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	142894	5.391	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	5373	0.178	ug/L	92
13) Acetone	2.631	43	358472	125.527	ug/L	99
21) 2-Butanone	4.708	43	59379	12.608	ug/L	98
34) Trichloroethene	6.537	95	153642	5.208	ug/L	98
47) Tetrachloroethene	8.550	164	73247	3.308	ug/L	96

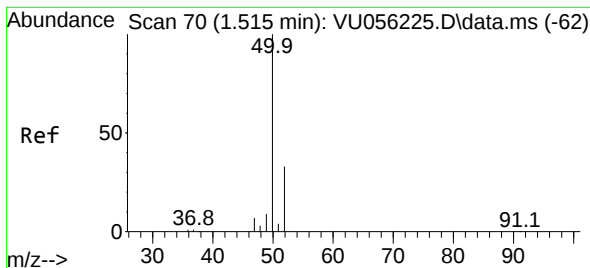
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.178 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

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MSVOA_U

ClientSampleId :

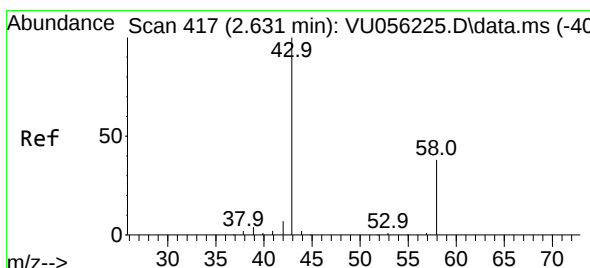
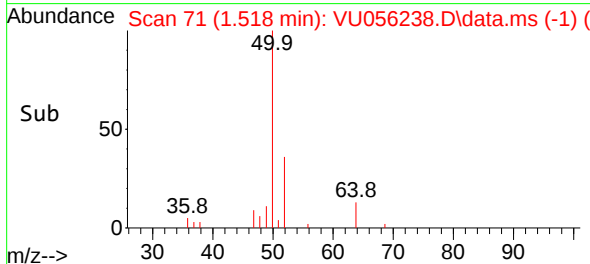
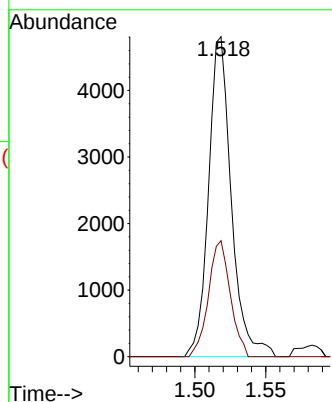
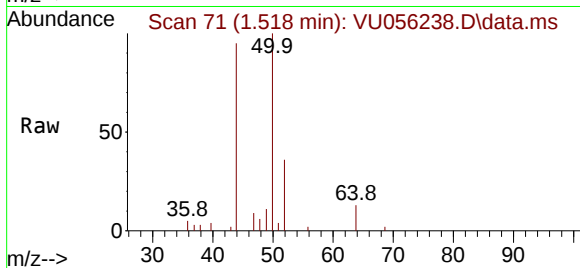
GCDP4

Tgt Ion: 50 Resp: 5373

Ion Ratio Lower Upper

50 100

52 36.3 22.2 41.2



#13

Acetone

Concen: 125.527 ug/L

RT: 2.631 min Scan# 417

Delta R.T. -0.000 min

Lab File: VU056238.D

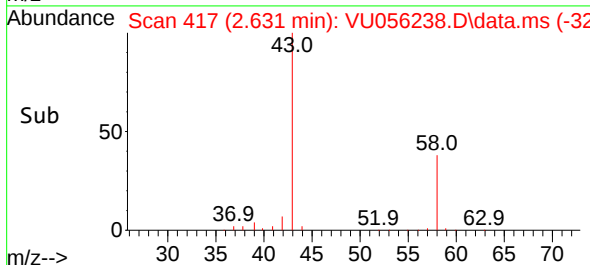
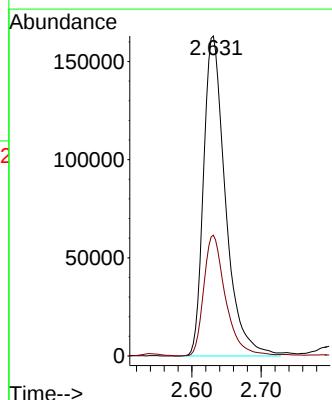
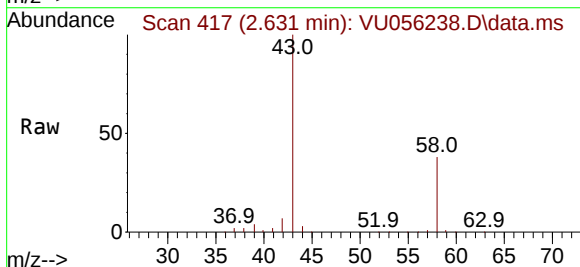
Acq: 12 Nov 2023 00:33

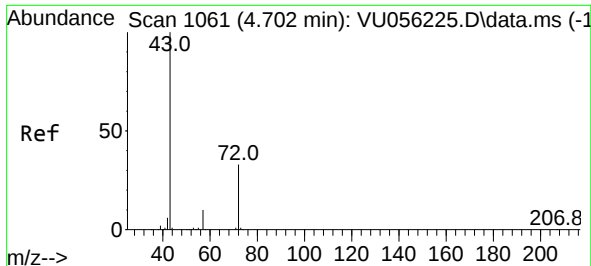
Tgt Ion: 43 Resp: 358472

Ion Ratio Lower Upper

43 100

58 37.6 0.0 74.4

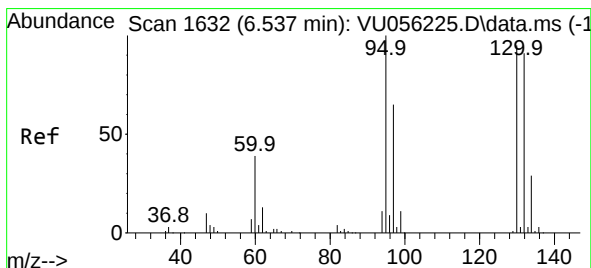
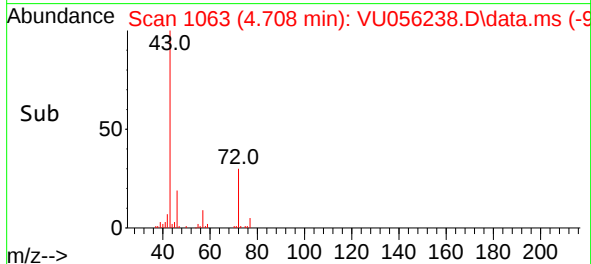
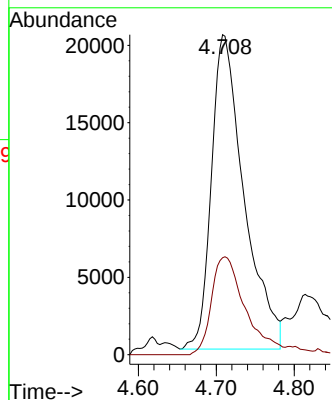
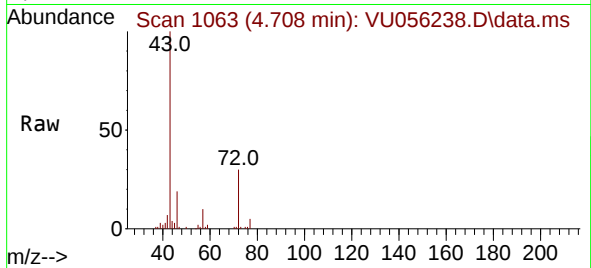




#21
2-Butanone
Concen: 12.608 ug/L
RT: 4.708 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VU056238.D
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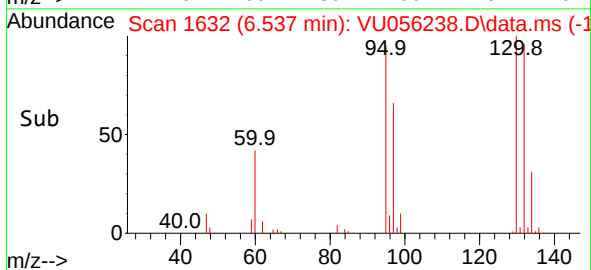
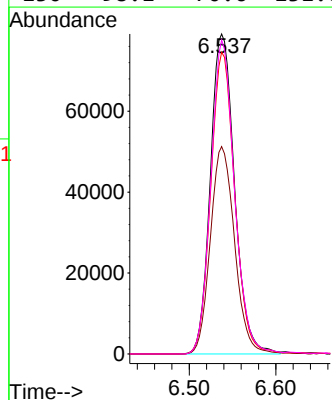
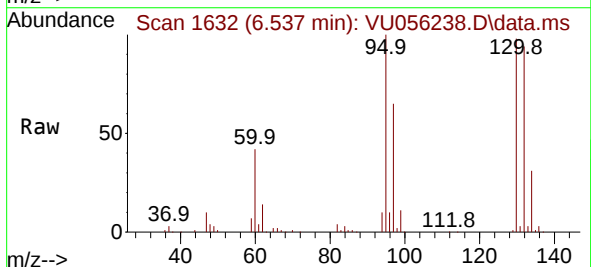
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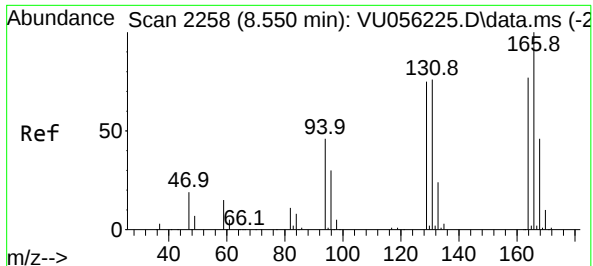
Tgt Ion: 43 Resp: 59379
Ion Ratio Lower Upper
43 100
72 32.2 15.7 47.0



#34
Trichloroethene
Concen: 5.208 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056238.D
Acq: 12 Nov 2023 00:33

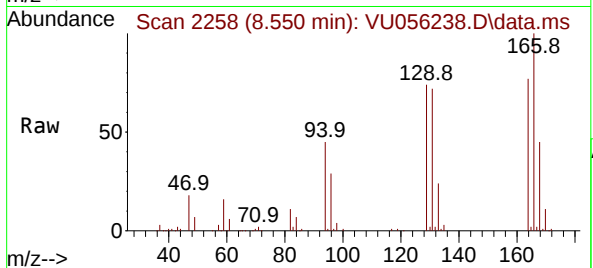
Tgt Ion: 95 Resp: 153642
Ion Ratio Lower Upper
95 100
97 64.8 46.8 87.0
132 94.3 66.5 123.5
130 98.1 70.6 131.0





#47
 Tetrachloroethene
 Concen: 3.308 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056238.D
 Acq: 12 Nov 2023 00:33

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDP4



Tgt Ion:164 Resp: 73247

Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.6	123.8
131	93.5	67.8	126.0
166	130.4	85.9	159.5

