

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111423\
 Data File : VU056329.D
 Acq On : 15 Nov 2023 02:21
 Operator : MD/SY
 Sample : 05373-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDR9

Quant Time: Nov 16 01:23:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 03:03:12 2023
 Response via : Initial Calibration

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

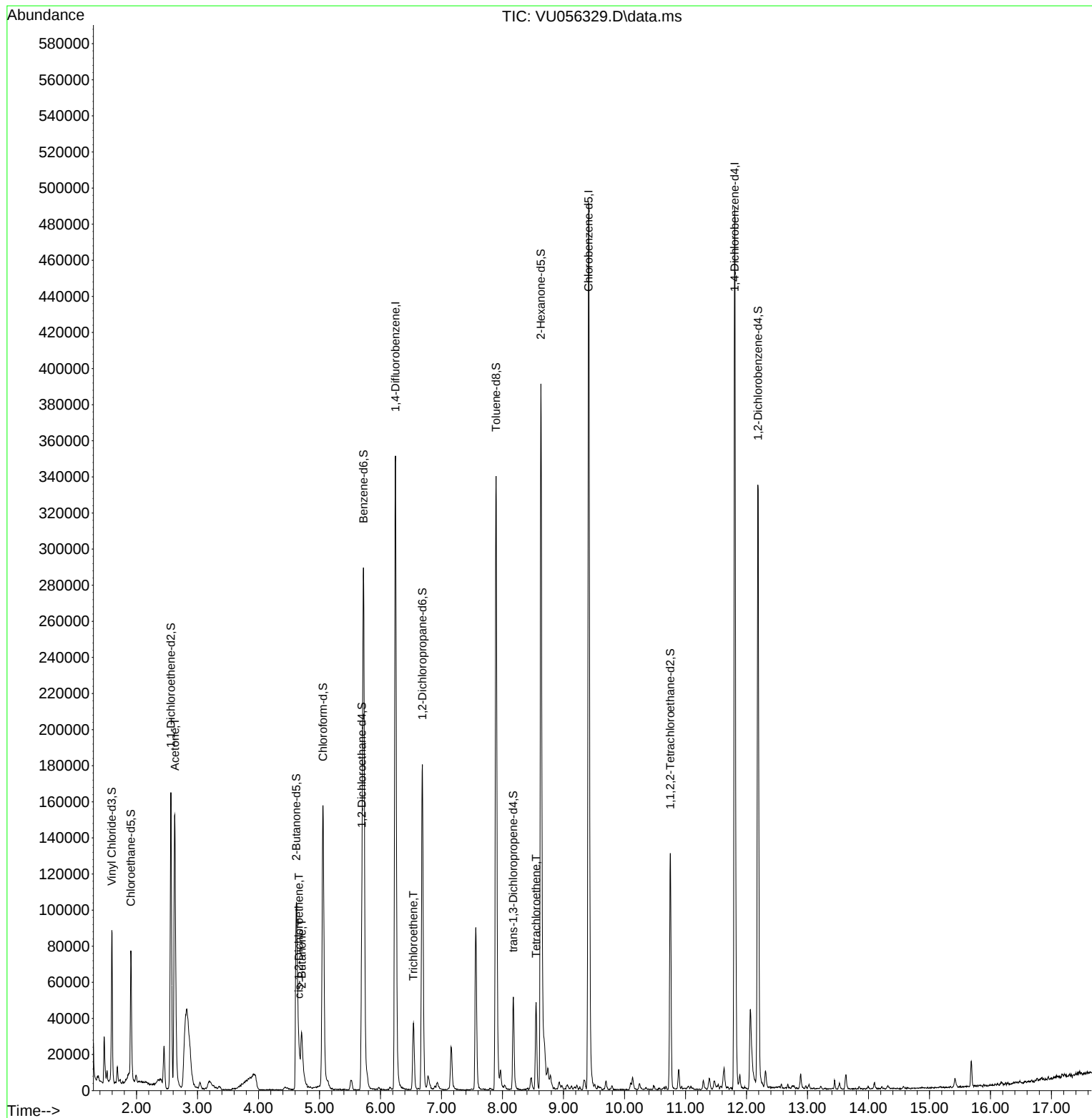
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	287497	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	281910	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	126383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57570	2.677	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	53.600%	
7) Chloroethane-d5	1.907	69	50551	3.066	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	61.400%#	
11) 1,1-Dichloroethene-d2	2.563	65	31316	3.300	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	4.618	46	164292	38.315	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.640%	
24) Chloroform-d	5.055	84	146138	3.513	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.200%	
26) 1,2-Dichloroethane-d4	5.695	65	71001	3.694	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	73.800%	
32) Benzene-d6	5.721	84	279450	3.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	66.600%#	
36) 1,2-Dichloropropane-d6	6.685	67	90076	3.558	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	71.200%	
41) Toluene-d8	7.894	98	238306	3.213	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	64.200%#	
43) trans-1,3-Dichloroprop...	8.177	79	31404	3.235	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	64.600%	
46) 2-Hexanone-d5	8.630	63	134587	35.276	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.560%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	67788	3.748	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.000%	
66) 1,2-Dichlorobenzene-d4	12.187	152	86223	3.693	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	73.800%#	
Target Compounds						
					Qvalue	
13) Acetone	2.628	43	192153	52.616	ug/L	99
21) 2-Butanone	4.708	43	46718	9.859	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	2164	0.105	ug/L	92
34) Trichloroethene	6.537	95	13390	0.611	ug/L	95
47) Tetrachloroethene	8.550	164	8888	0.601	ug/L	97

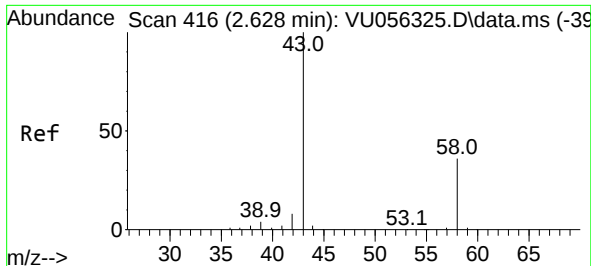
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 52.616 ug/L

RT: 2.628 min Scan# 416

Delta R.T. -0.000 min

Lab File: VU056329.D

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Instrument :

MSVOA_U

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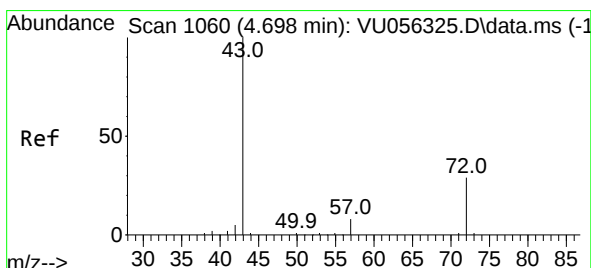
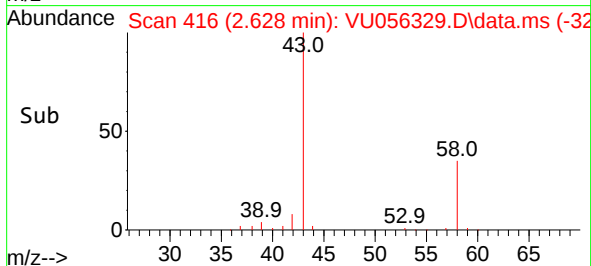
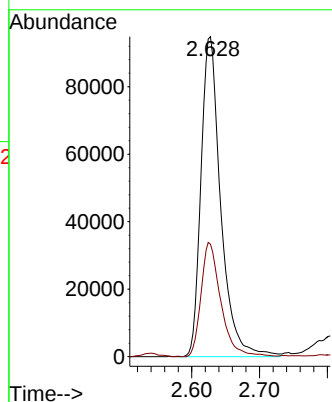
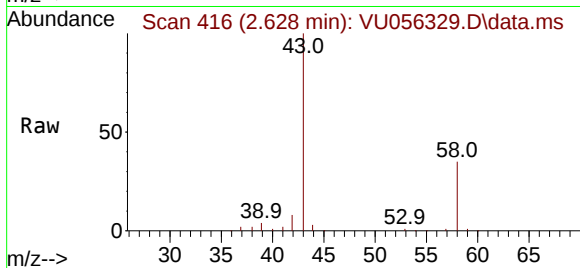
GCDR9

Tgt Ion: 43 Resp: 192153

Ion Ratio Lower Upper

43 100

58 35.7 0.0 70.0



#21

2-Butanone

Concen: 9.859 ug/L

RT: 4.708 min Scan# 1063

Delta R.T. 0.009 min

Lab File: VU056329.D

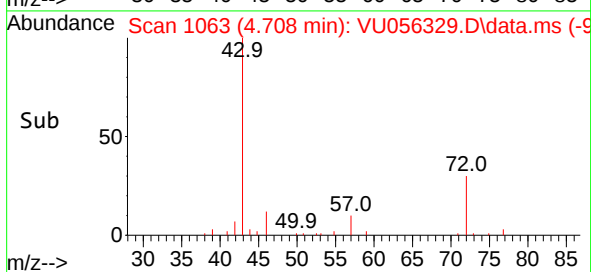
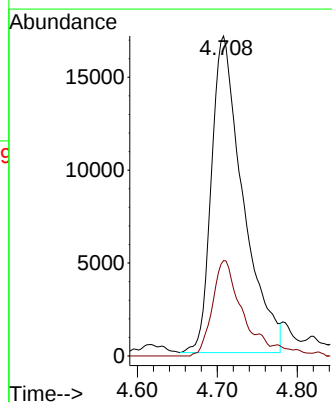
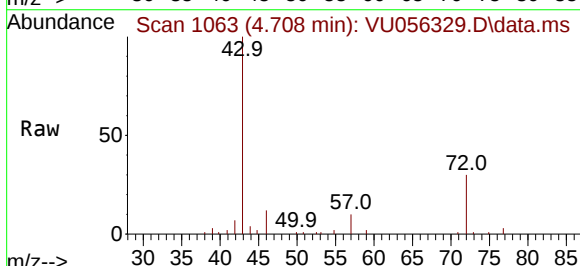
Acq: 15 Nov 2023 02:21

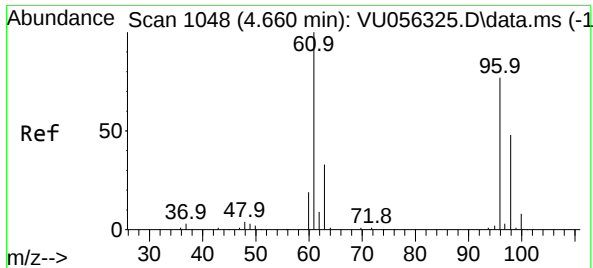
Tgt Ion: 43 Resp: 46718

Ion Ratio Lower Upper

43 100

72 28.1 14.2 42.6

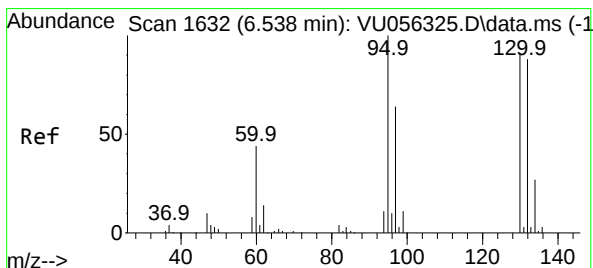
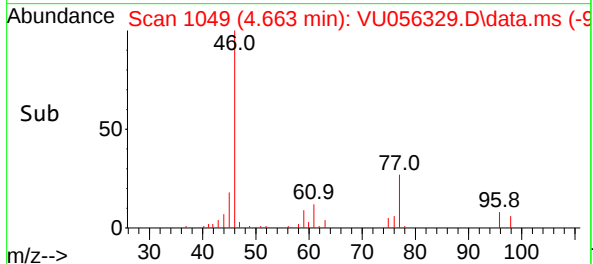
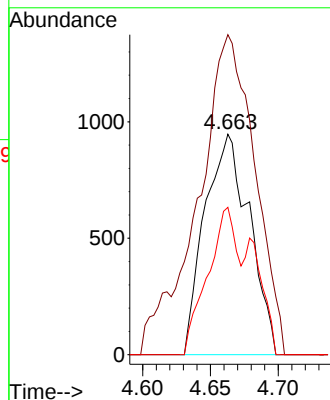
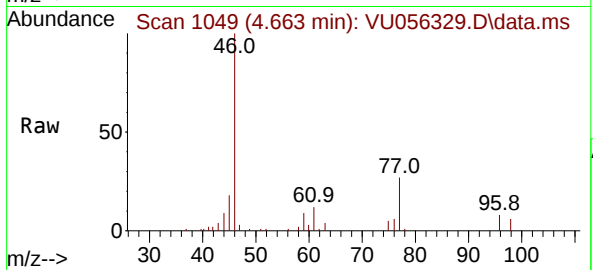




#22
cis-1,2-Dichloroethene
Concen: 0.105 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU056329.D
Acq: 15 Nov 2023 02:21

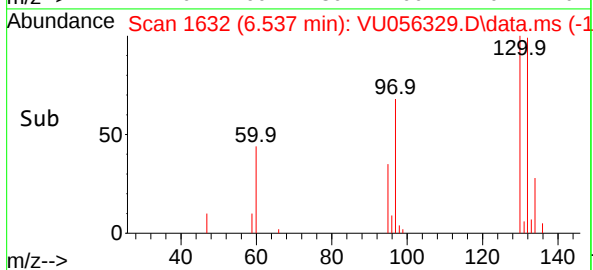
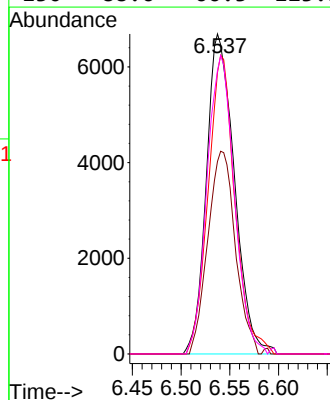
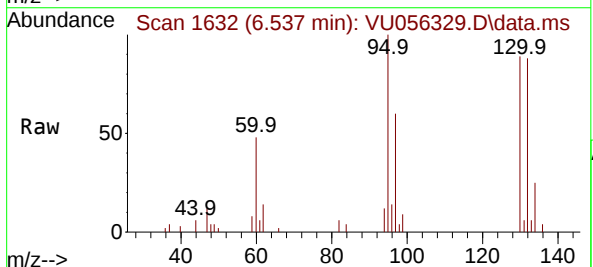
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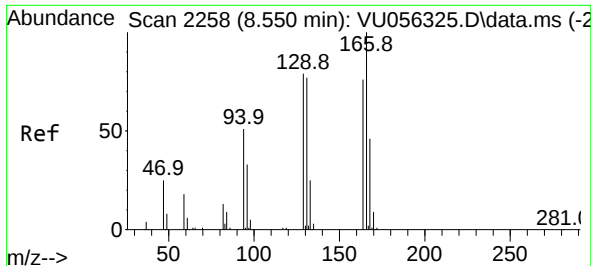
Tgt Ion: 96 Resp: 2164
Ion Ratio Lower Upper
96 100
61 145.1 93.2 173.2
98 66.8 44.8 83.2



#34
Trichloroethene
Concen: 0.611 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056329.D
Acq: 15 Nov 2023 02:21

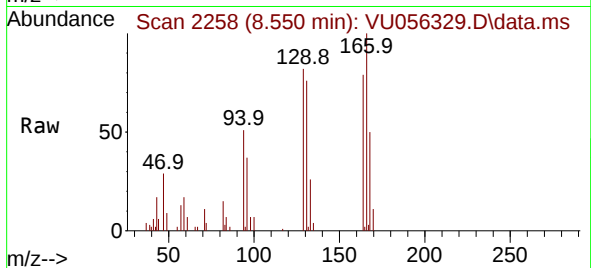
Tgt Ion: 95 Resp: 13390
Ion Ratio Lower Upper
95 100
97 60.1 46.5 86.3
132 87.9 62.0 115.2
130 88.6 66.3 123.1





#47
Tetrachloroethene
Concen: 0.601 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056329.D
Acq: 15 Nov 2023 02:21

Instrument :
MSVOA_U
ClientSampleId :
GCDR9



Tgt Ion:164 Resp: 8888
Ion Ratio Lower Upper
164 100
129 103.5 71.0 131.9
131 96.2 70.3 130.7
166 126.1 89.8 166.8

