

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031224\
 Data File : VU058061.D
 Acq On : 12 Mar 2024 15:43
 Operator : MD/SY
 Sample : P1715-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGQM2

Quant Time: Mar 13 02:02:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 13 01:58:39 2024
 Response via : Initial Calibration

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

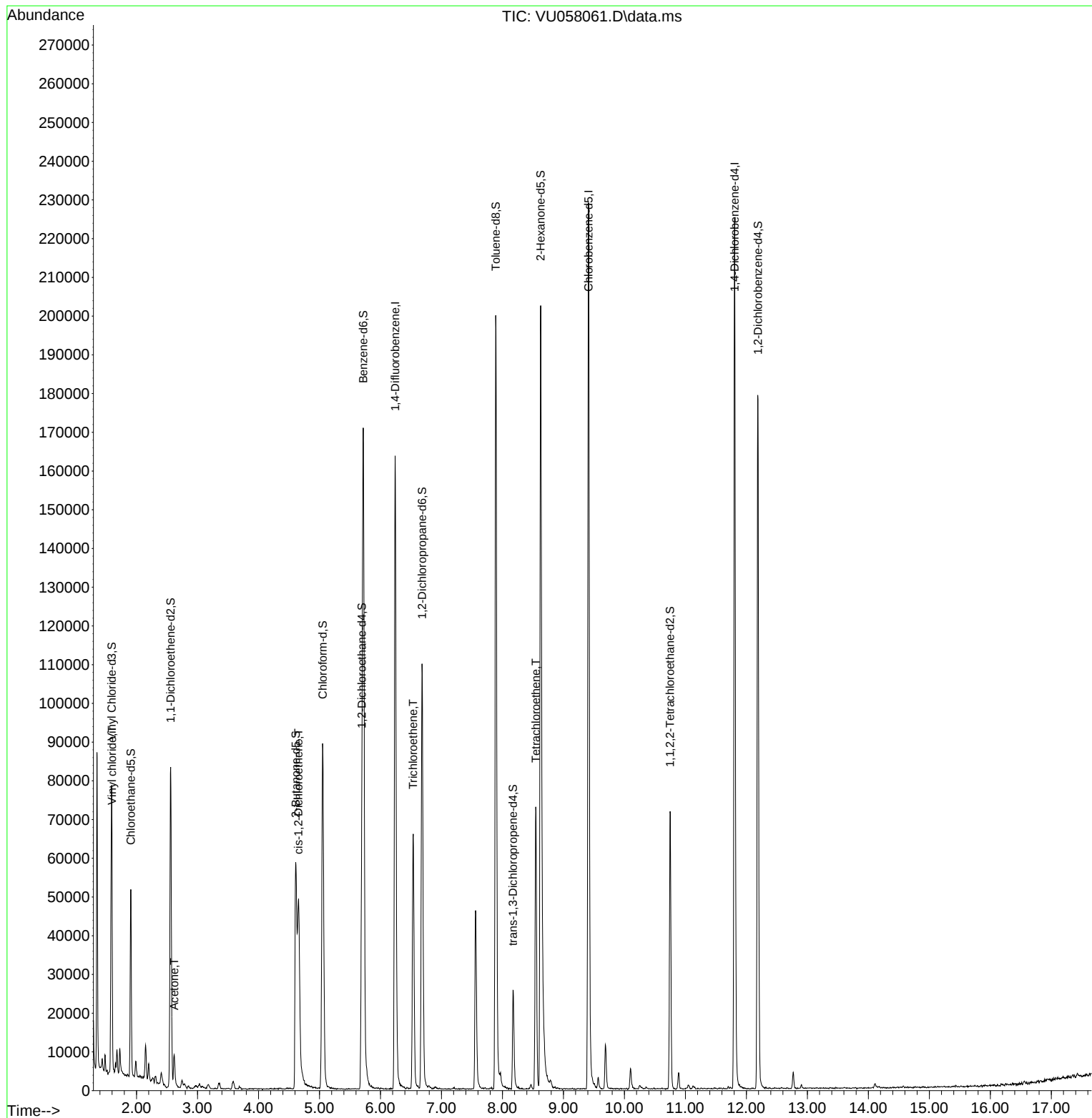
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131264	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	129142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	57115	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	33772	3.576	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	71.600%	
7) Chloroethane-d5	1.907	69	32787	4.224	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.400%	
11) 1,1-Dichloroethene-d2	2.560	65	16025	3.921	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	4.612	46	90751	58.320	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.640%	
24) Chloroform-d	5.052	84	85001	4.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
26) 1,2-Dichloroethane-d4	5.695	65	42413	5.240	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.800%	
32) Benzene-d6	5.718	84	166322	4.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
36) 1,2-Dichloropropane-d6	6.682	67	53198	4.650	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.891	98	137174	4.023	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	8.174	79	16851	4.283	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.600%	
46) 2-Hexanone-d5	8.627	63	75306	57.010	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	114.020%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37691	5.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	47578	5.058	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	2361	0.236	ug/L	# 79
13) Acetone	2.618	43	10265	8.864	ug/L	96
22) cis-1,2-Dichloroethene	4.657	96	22075	2.326	ug/L	97
34) Trichloroethene	6.537	95	23920	2.294	ug/L	98
47) Tetrachloroethene	8.547	164	16196	2.239	ug/L	93

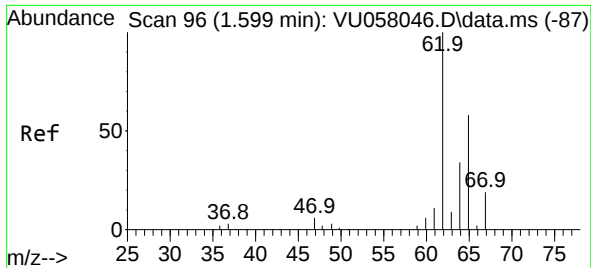
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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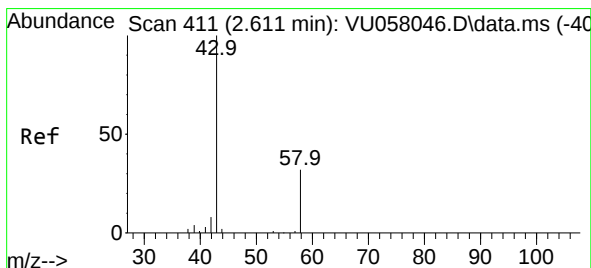
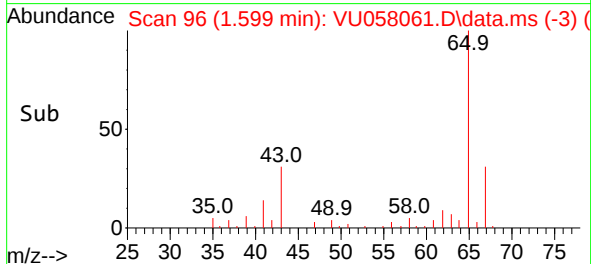
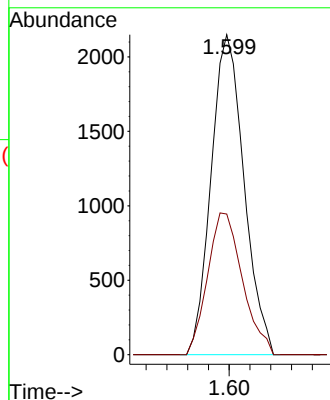
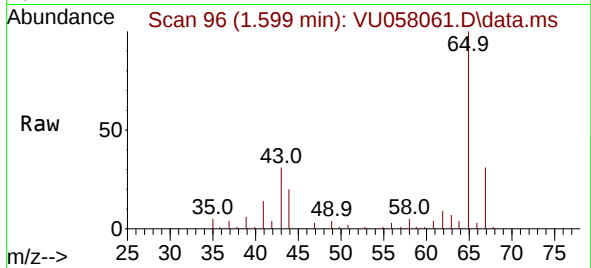




#5
 Vinyl chloride
 Concen: 0.236 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VU058061.D
 Acq: 12 Mar 2024 15:43

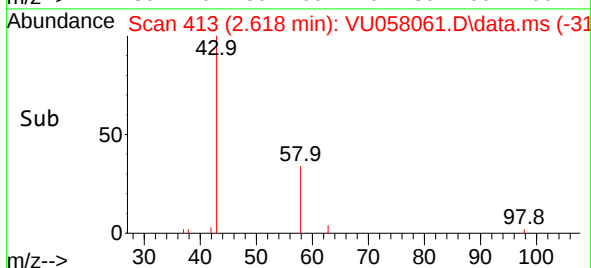
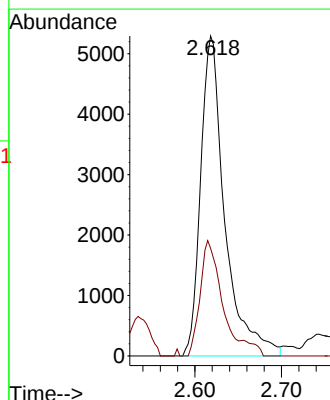
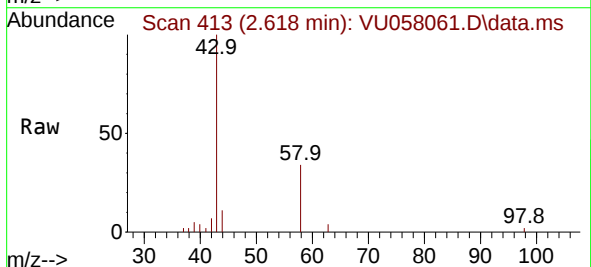
Instrument :
 MSVOA_U
 ClientSampleId :
 BGQM2

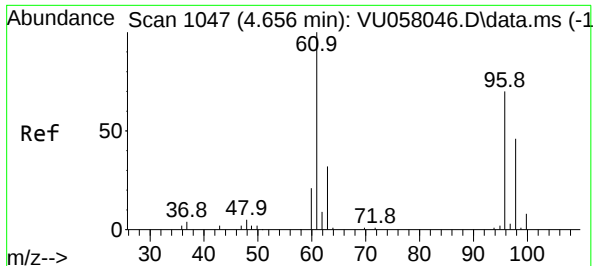
Tgt Ion: 62 Resp: 2361
 Ion Ratio Lower Upper
 62 100
 64 44.0 22.5 41.7#



#13
 Acetone
 Concen: 8.864 ug/L
 RT: 2.618 min Scan# 413
 Delta R.T. 0.007 min
 Lab File: VU058061.D
 Acq: 12 Mar 2024 15:43

Tgt Ion: 43 Resp: 10265
 Ion Ratio Lower Upper
 43 100
 58 34.1 0.0 63.6

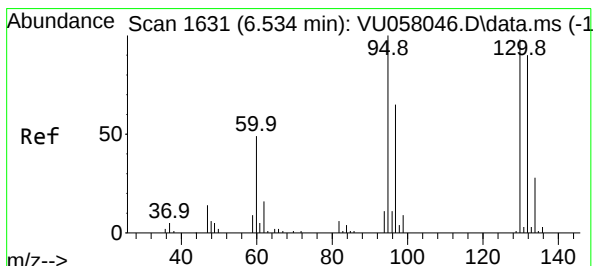
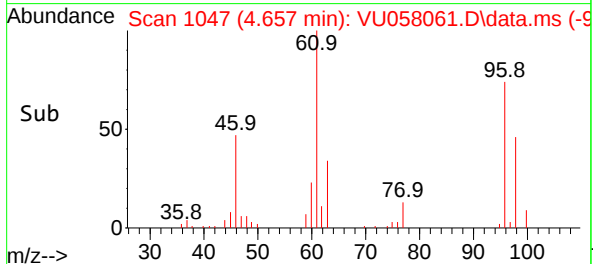
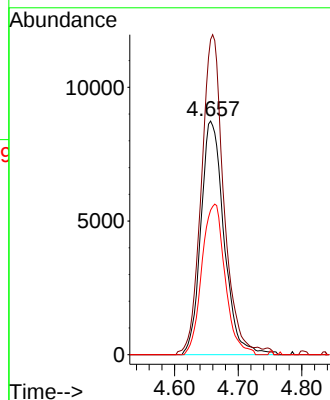
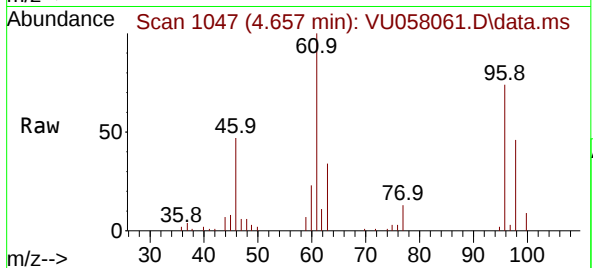




#22
cis-1,2-Dichloroethene
Concen: 2.326 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU058061.D
Acq: 12 Mar 2024 15:43

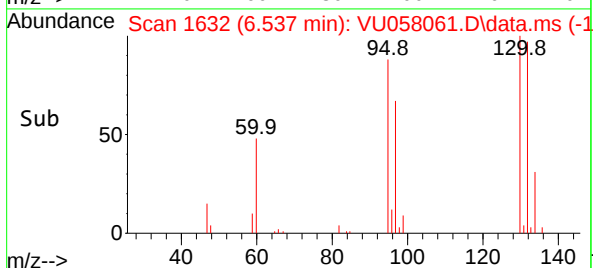
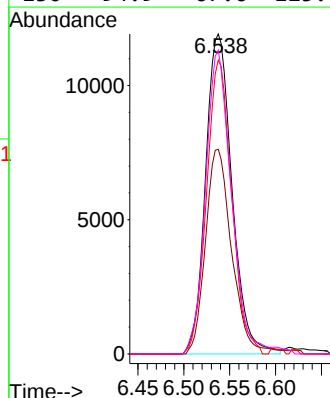
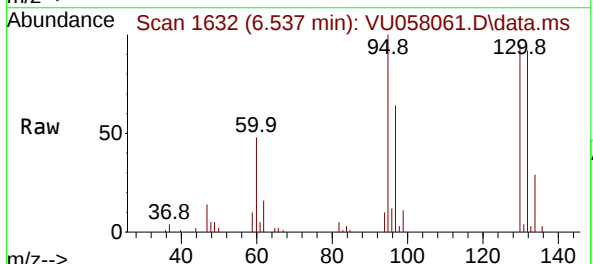
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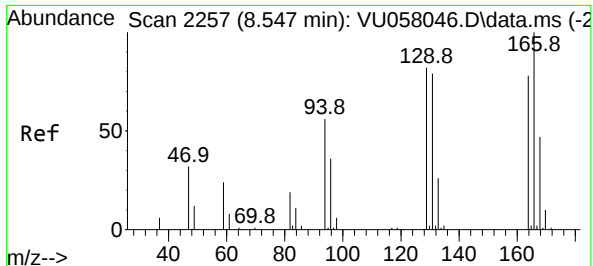
Tgt Ion: 96 Resp: 22075
Ion Ratio Lower Upper
96 100
61 134.9 97.2 180.4
98 61.8 45.5 84.5



#34
Trichloroethene
Concen: 2.294 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU058061.D
Acq: 12 Mar 2024 15:43

Tgt Ion: 95 Resp: 23920
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 91.9 63.1 117.1
130 94.9 67.6 125.6





#47
 Tetrachloroethene
 Concen: 2.239 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU058061.D
 Acq: 12 Mar 2024 15:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BGQM2

Tgt Ion:	164	Resp:	16196
Ion	Ratio	Lower	Upper
164	100		
129	102.3	69.3	128.7
131	93.2	69.9	129.9
166	116.8	90.1	167.3

