

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054930.D
 Acq On : 28 Aug 2023 17:48
 Operator : MD/SY
 Sample : 04173-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AL1

Quant Time: Aug 29 05:00:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

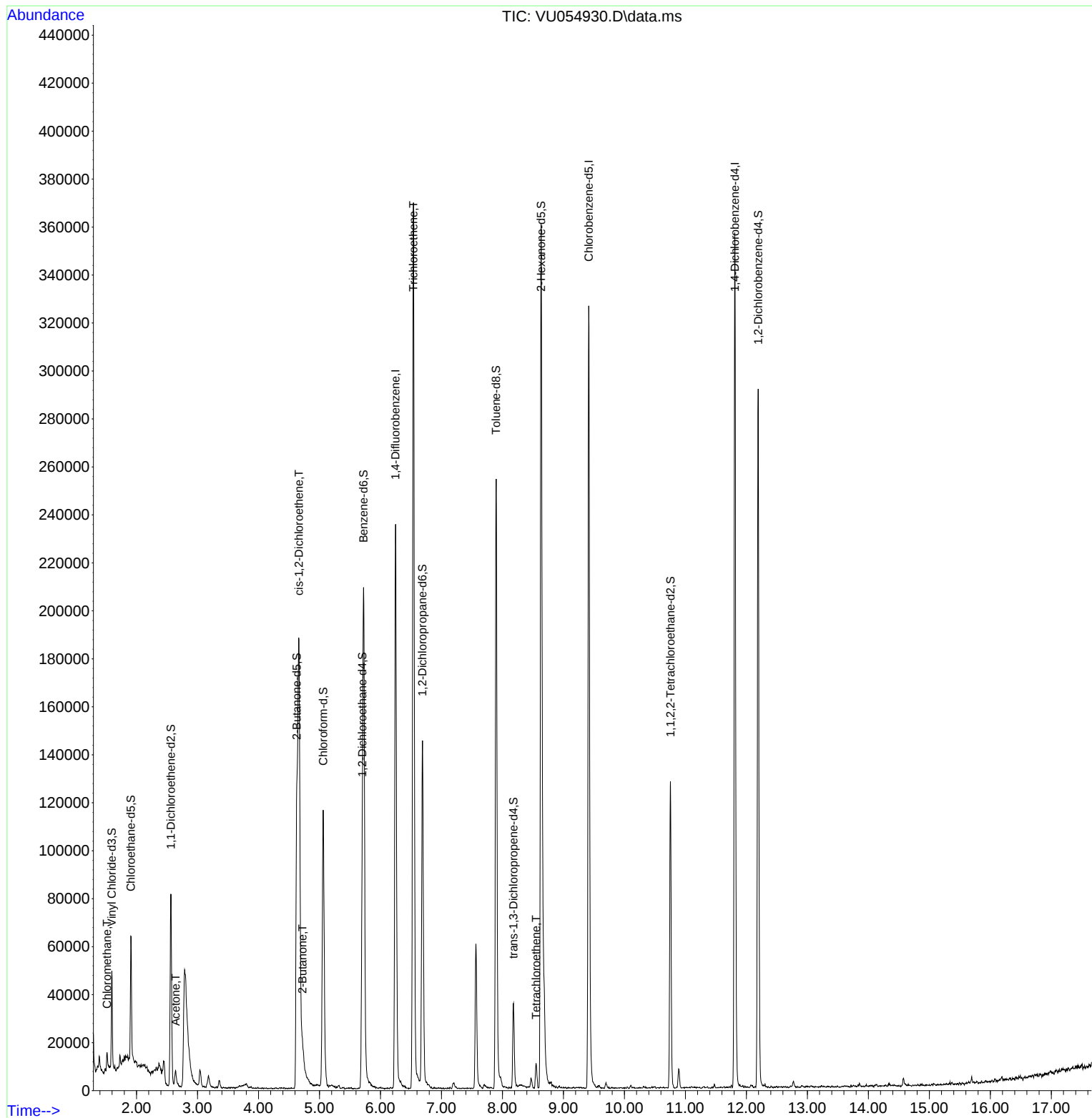
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	187732	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26844	4.531	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.907	69	35763	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.563	65	15186	4.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.628	46	182670	57.114	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.220%
24) Chloroform-d	5.062	84	102503	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.701	65	60642	5.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.724	84	187248	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.689	67	66867	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.898	98	173887	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.180	79	20865	4.467	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.634	63	120083	54.159	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.320%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	61623	5.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	71234	5.040	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	5327	0.439	ug/L	91
13) Acetone	2.641	43	9661	5.588	ug/L	99
21) 2-Butanone	4.721	43	22753	8.589	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	78911	7.145	ug/L	96
34) Trichloroethene	6.541	95	122501	10.436	ug/L	96
47) Tetrachloroethene	8.553	164	1870	0.222	ug/L	88

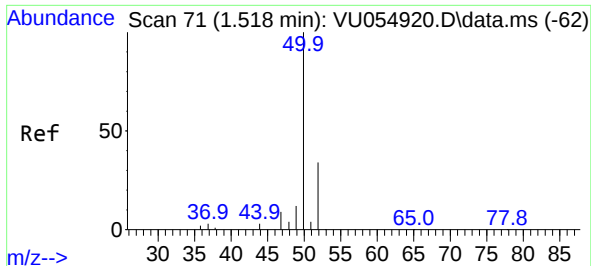
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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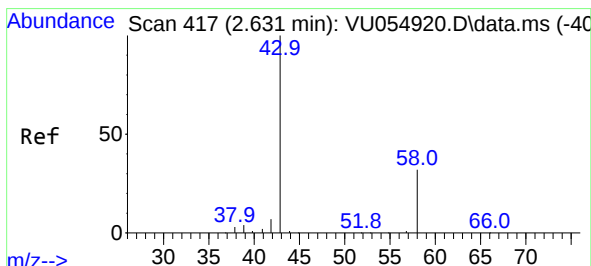
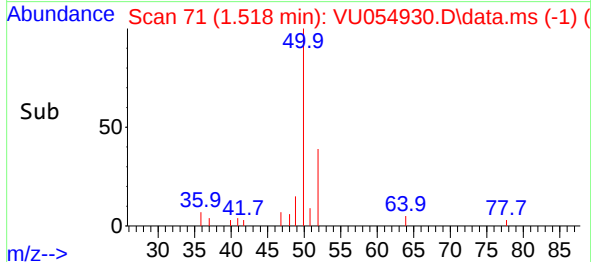
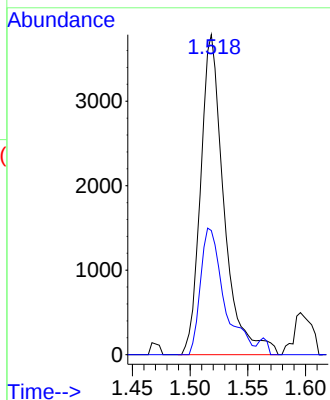
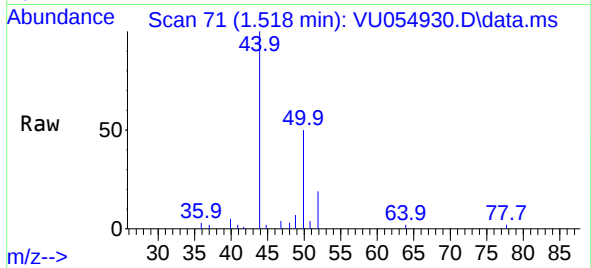




#3
Chloromethane
Concen: 0.439 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

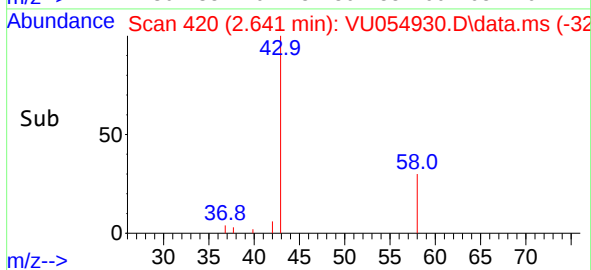
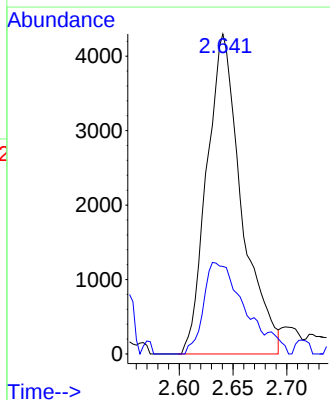
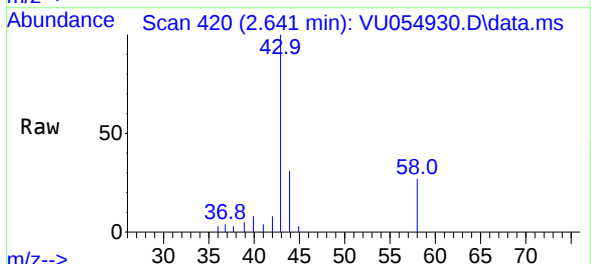
Instrument :
MSVOA_U
ClientSampleId :
COAL1

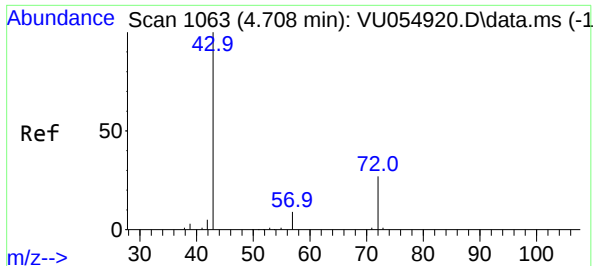
Tgt Ion: 50 Resp: 5327
Ion Ratio Lower Upper
50 100
52 38.8 23.4 43.6



#13
Acetone
Concen: 5.588 ug/L
RT: 2.641 min Scan# 420
Delta R.T. 0.010 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

Tgt Ion: 43 Resp: 9661
Ion Ratio Lower Upper
43 100
58 31.6 0.0 64.4

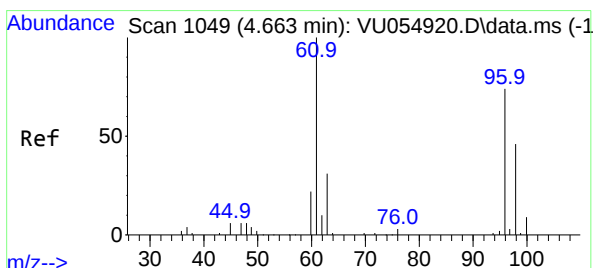
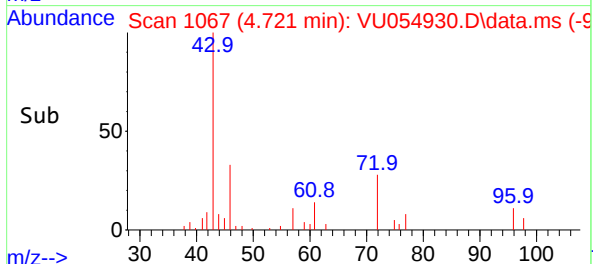
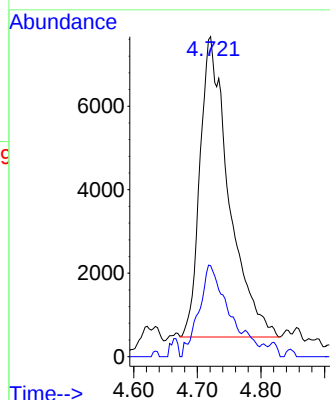
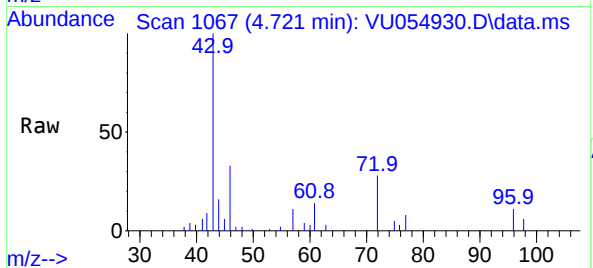




#21
2-Butanone
Concen: 8.589 ug/L
RT: 4.721 min Scan# 1067
Delta R.T. 0.013 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

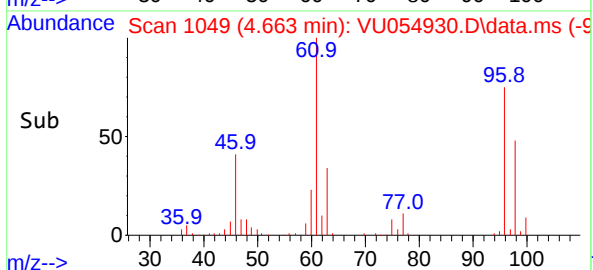
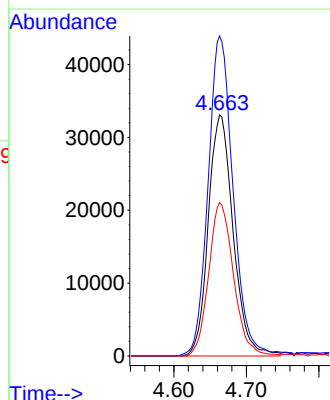
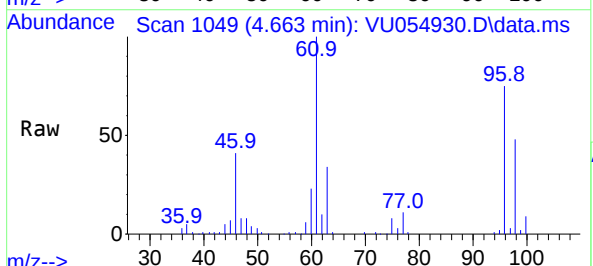
Instrument :
MSVOA_U
ClientSampleId :
C0AL1

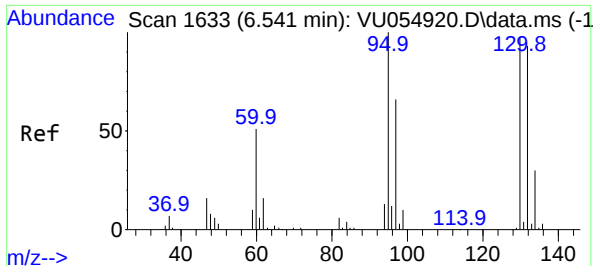
Tgt Ion: 43 Resp: 22753
Ion Ratio Lower Upper
43 100
72 28.8 14.1 42.3



#22
cis-1,2-Dichloroethene
Concen: 7.145 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054930.D
Acq: 28 Aug 2023 17:48

Tgt Ion: 96 Resp: 78911
Ion Ratio Lower Upper
96 100
61 132.8 88.4 164.2
98 63.6 44.0 81.6





#34

Trichloroethene

Concen: 10.436 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU054930.D

Acq: 28 Aug 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

C0AL1

Tgt Ion: 95 Resp: 122501

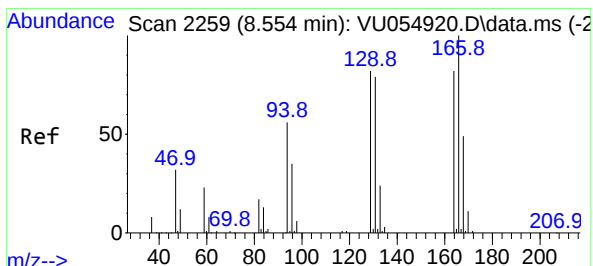
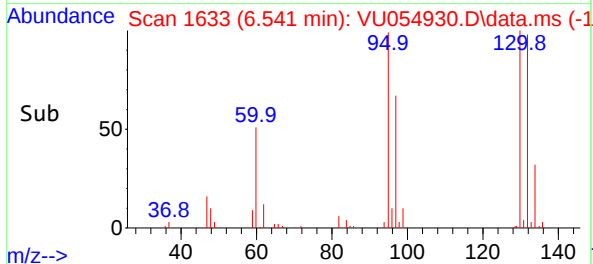
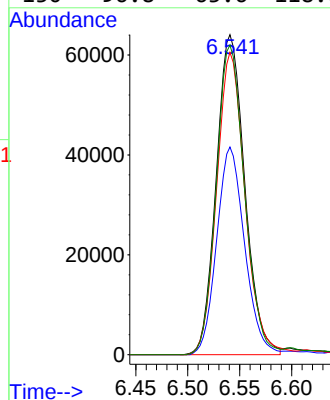
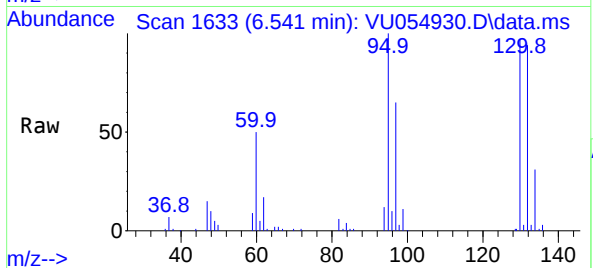
Ion Ratio Lower Upper

95 100

97 64.9 44.1 81.9

132 94.5 63.6 118.2

130 96.8 63.6 118.0



#47

Tetrachloroethene

Concen: 0.222 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.000 min

Lab File: VU054930.D

Acq: 28 Aug 2023 17:48

Tgt Ion:164 Resp: 1870

Ion Ratio Lower Upper

164 100

129 86.3 72.8 135.2

131 89.2 70.7 131.3

166 126.8 95.9 178.1

