

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054946.D
 Acq On : 29 Aug 2023 11:00
 Operator : MD/SY
 Sample : 04173-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM2

Quant Time: Aug 29 22:27:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

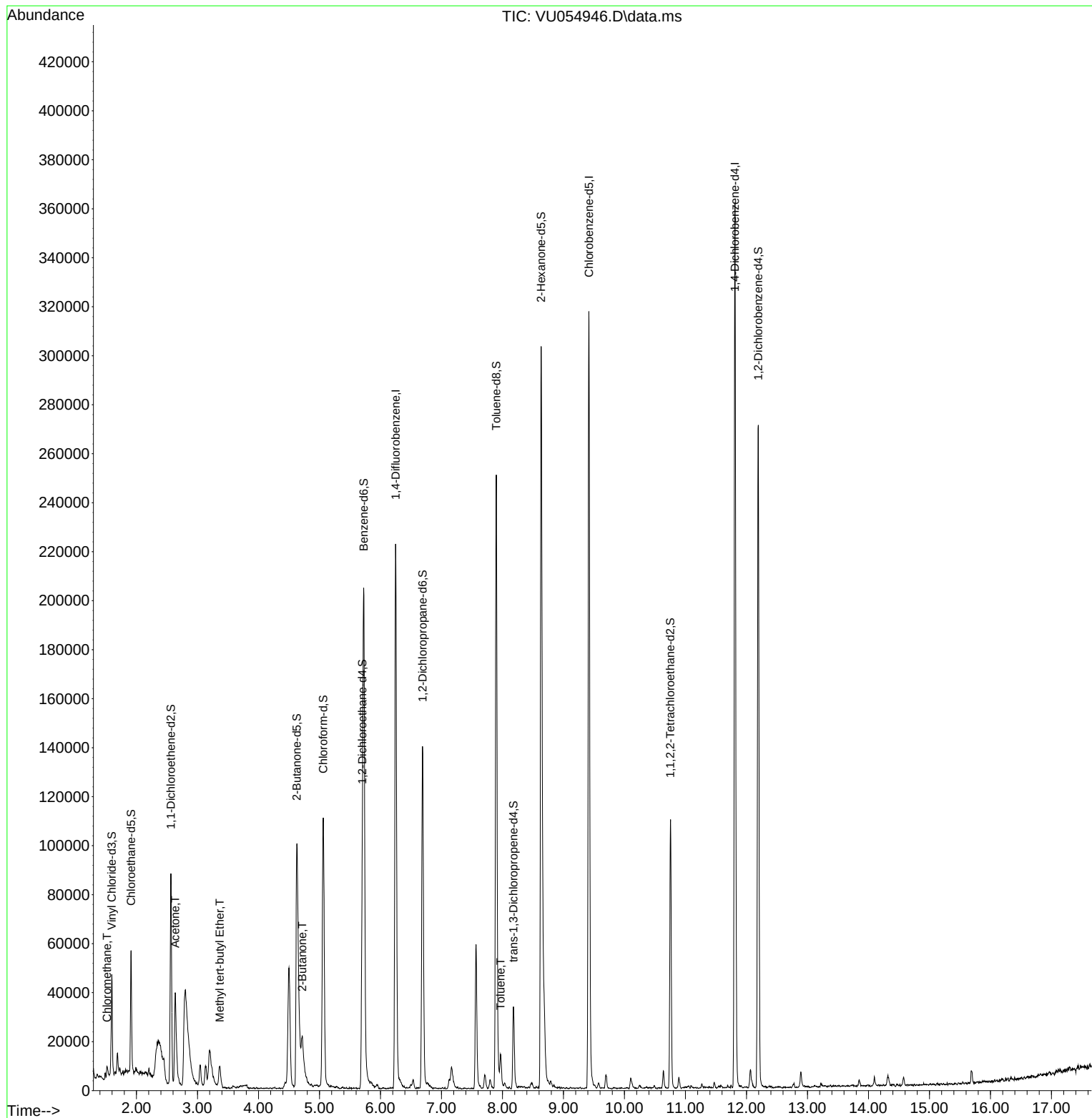
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	183373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	174746	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	94432	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26814	4.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.911	69	34060	4.555	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.563	65	15644	4.782	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.628	46	158266	50.660	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	5.062	84	101676	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.702	65	55748	4.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.727	84	188778	4.806	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.689	67	66344	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.898	98	168651	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.181	79	19808	4.357	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.634	63	100270	46.466	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.940%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51570	4.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	68888	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	3434	0.290	ug/L	97
13) Acetone	2.634	43	55076	32.615	ug/L	100
17) Methyl tert-butyl Ether	3.364	73	9797	0.407	ug/L #	86
21) 2-Butanone	4.718	43	31694	12.248	ug/L	100
42) Toluene	7.968	91	9267	0.203	ug/L	97

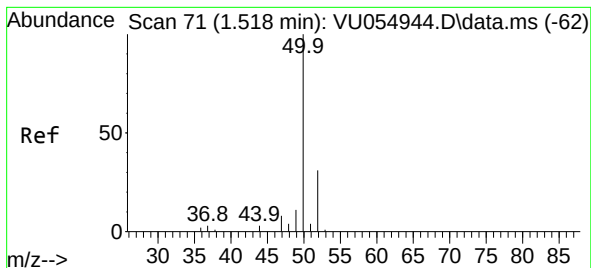
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.290 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU054946.D

Acq: 29 Aug 2023 11:00

Instrument :

MSVOA_U

ClientSampleId :

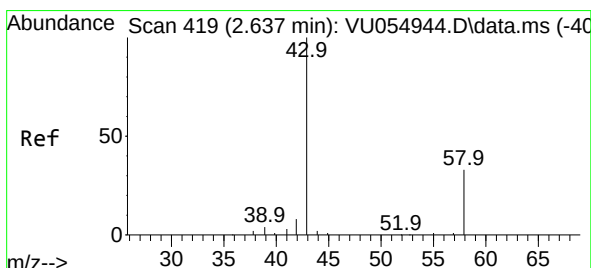
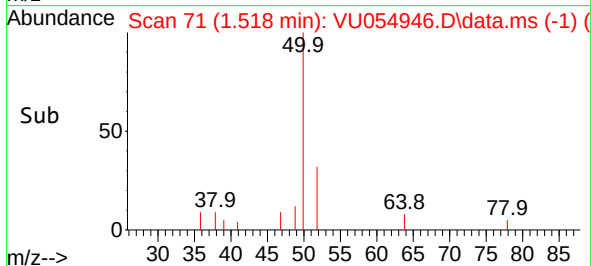
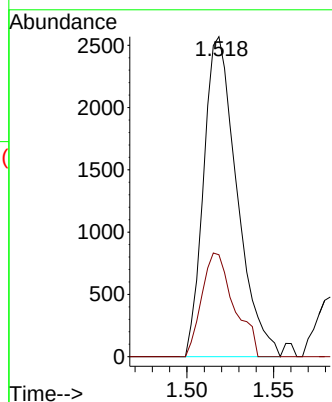
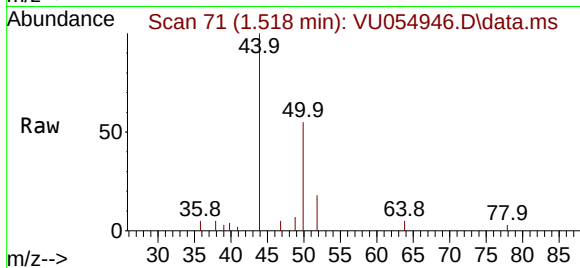
COAM2

Tgt Ion: 50 Resp: 3434

Ion Ratio Lower Upper

50 100

52 31.8 23.4 43.6



#13

Acetone

Concen: 32.615 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.003 min

Lab File: VU054946.D

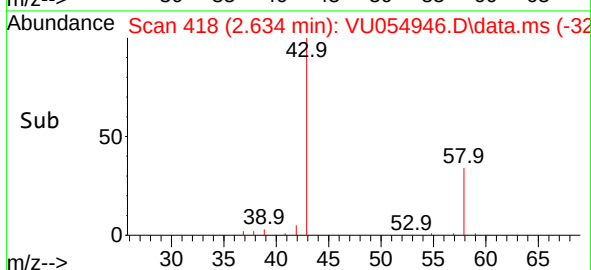
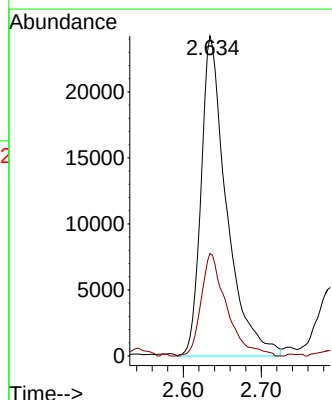
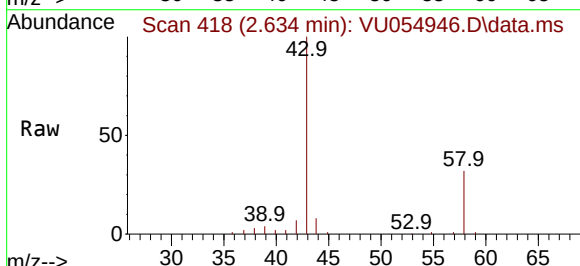
Acq: 29 Aug 2023 11:00

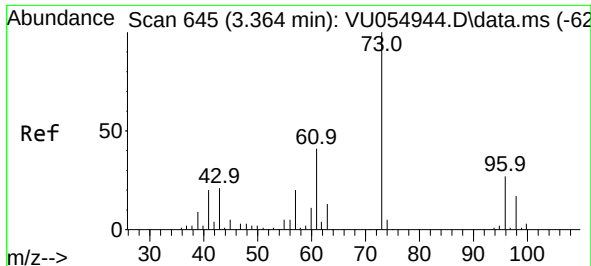
Tgt Ion: 43 Resp: 55076

Ion Ratio Lower Upper

43 100

58 32.0 0.0 64.4

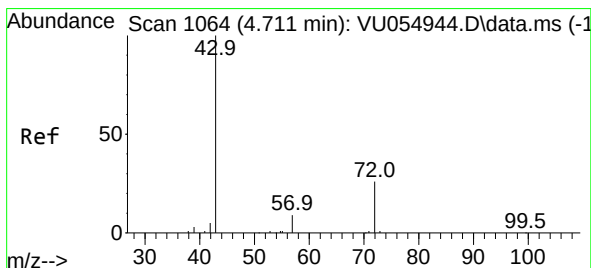
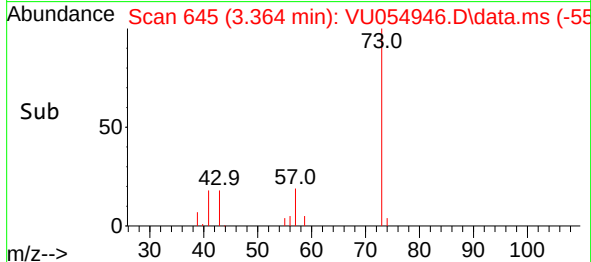
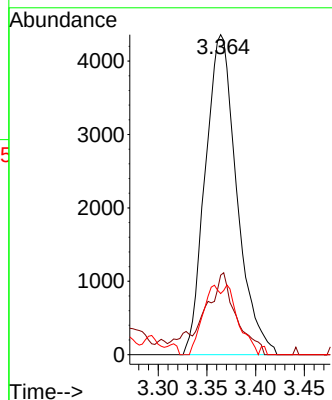
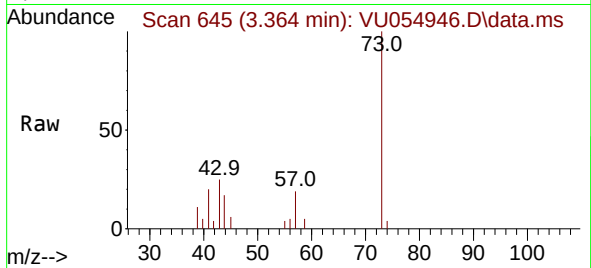




#17
Methyl tert-butyl Ether
Concen: 0.407 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.000 min
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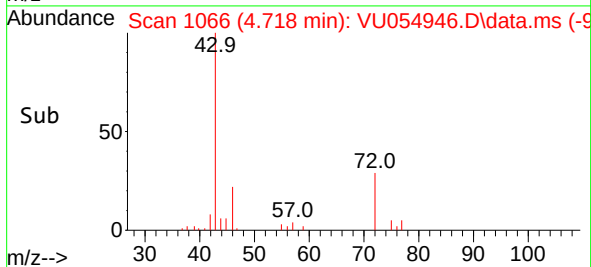
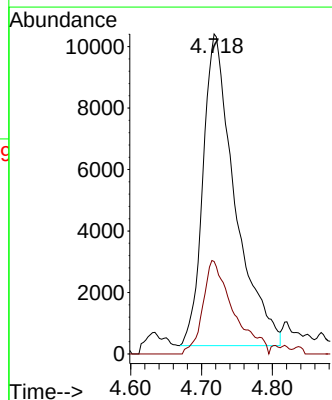
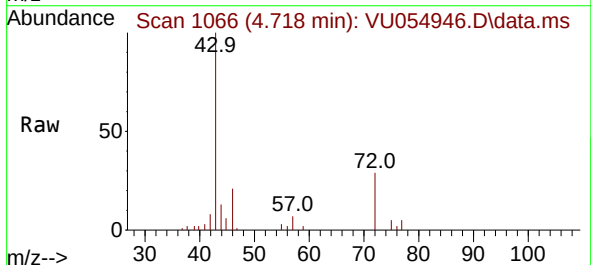
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COAM2

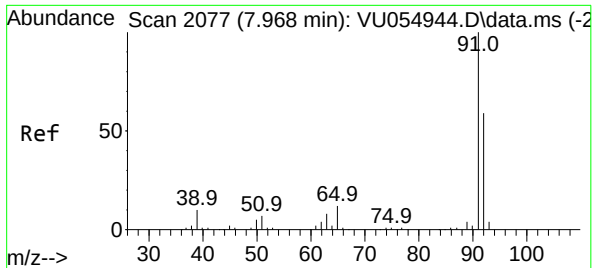
Tgt Ion: 73 Resp: 9797
Ion Ratio Lower Upper
73 100
43 23.5 16.2 24.2
57 12.3 17.4 26.0#



#21
2-Butanone
Concen: 12.248 ug/L
RT: 4.718 min Scan# 1066
Delta R.T. 0.007 min
Lab File: VU054946.D
Acq: 29 Aug 2023 11:00

Tgt Ion: 43 Resp: 31694
Ion Ratio Lower Upper
43 100
72 28.4 14.1 42.3





#42
Toluene
Concen: 0.203 ug/L
RT: 7.968 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU054946.D
Acq: 29 Aug 2023 11:00

Instrument :
MSVOA_U
ClientSampleId :
C0AM2

Tgt Ion: 91 Resp: 9267
Ion Ratio Lower Upper
91 100
92 61.1 41.2 76.4

