

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054922.D
 Acq On : 28 Aug 2023 14:32
 Operator : MD/SY
 Sample : 04173-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AM2

Quant Time: Aug 29 04:58:15 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)

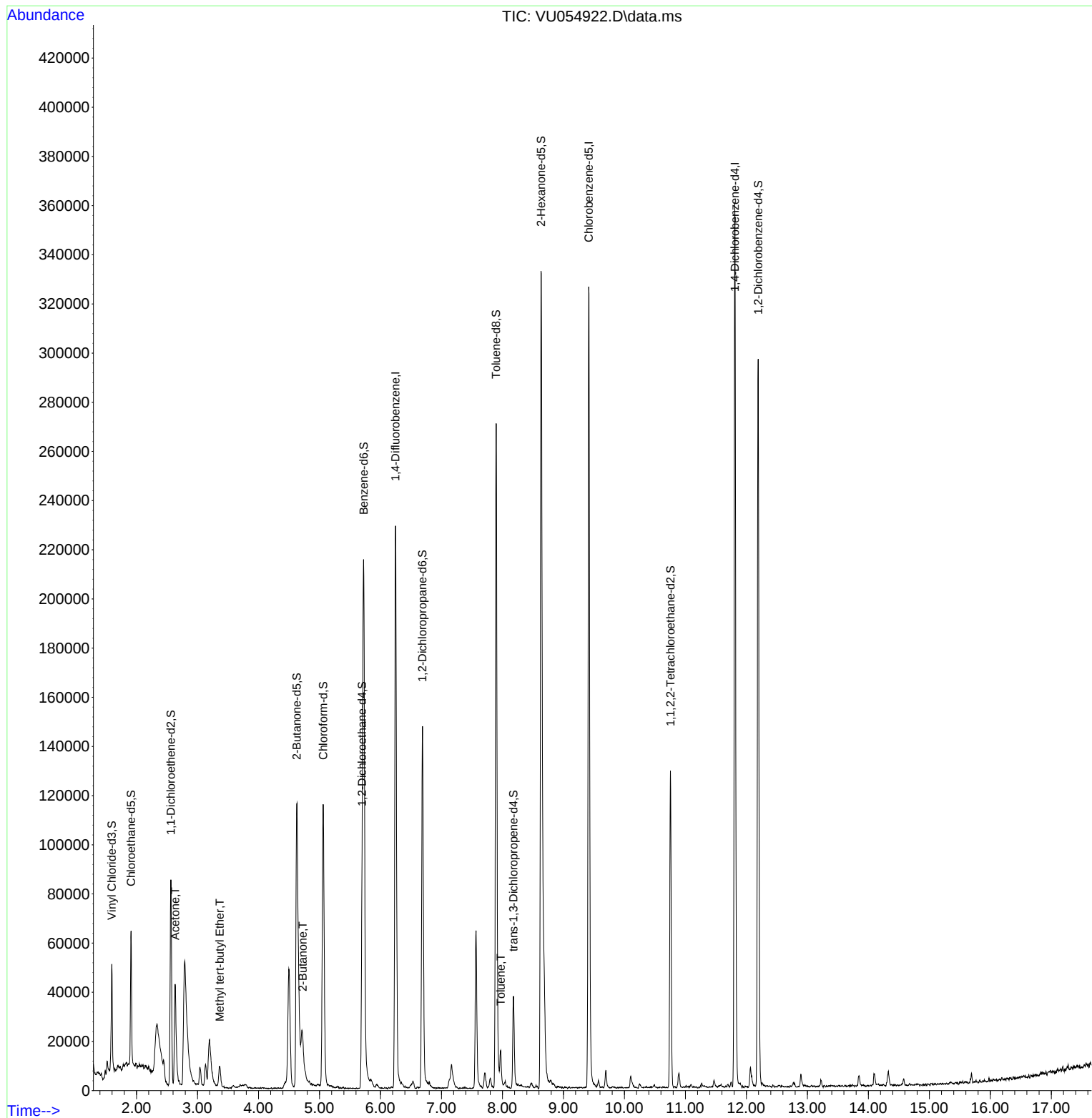
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	180273	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177401	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	90595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28889	5.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.911	69	37012	5.035	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.563	65	15908	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.627	46	169981	55.345	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.700%
24) Chloroform-d	5.061	84	105518	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.698	65	61710	5.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.724	84	194631	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.688	67	68537	4.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.897	98	182716	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.180	79	22280	4.827	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.634	63	111678	50.978	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.960%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	61128	5.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	74209	5.130	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds					Qvalue	
13) Acetone	2.634	43	56575	34.079	ug/L	97
17) Methyl tert-butyl Ether	3.364	73	9676	0.408	ug/L	98
21) 2-Butanone	4.724	43	31472	12.372	ug/L	91
42) Toluene	7.971	91	9851	0.212	ug/L	95

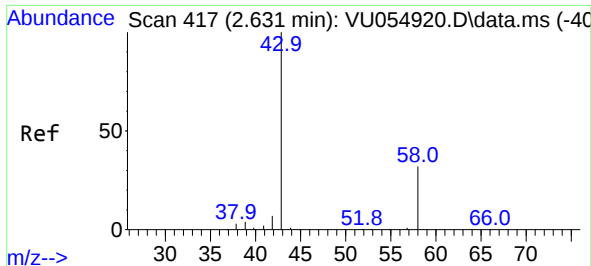
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 34.079 ug/L

RT: 2.634 min Scan# 417

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

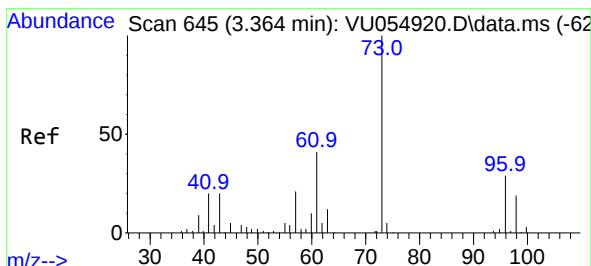
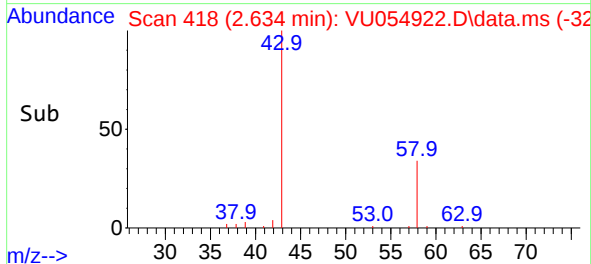
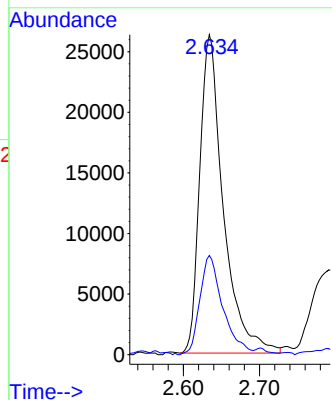
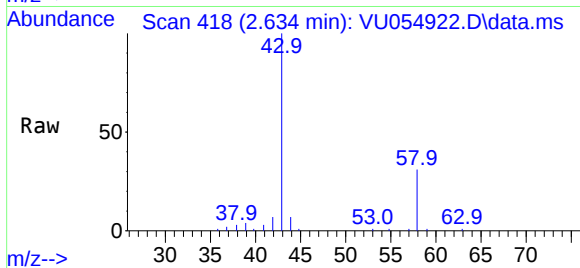
COAM2

Tgt Ion: 43 Resp: 56575

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.4



#17

Methyl tert-butyl Ether

Concen: 0.408 ug/L

RT: 3.364 min Scan# 645

Delta R.T. -0.000 min

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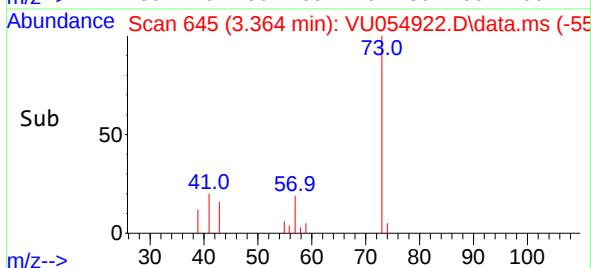
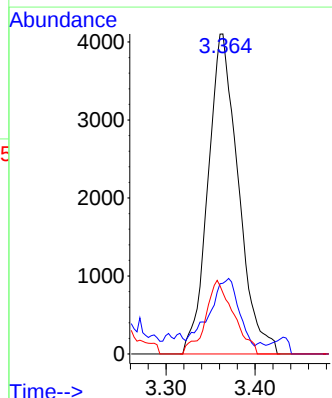
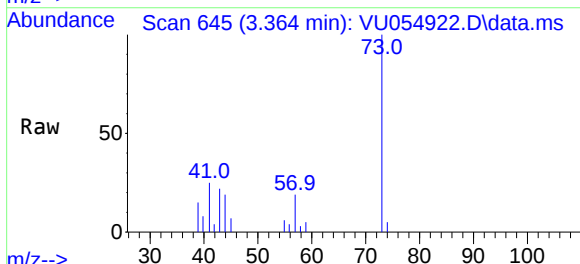
Tgt Ion: 73 Resp: 9676

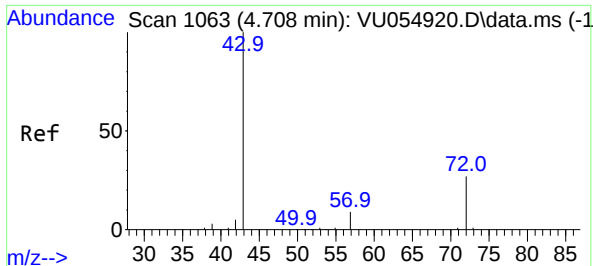
Ion Ratio Lower Upper

73 100

43 21.4 16.2 24.2

57 21.3 17.4 26.0





#21

2-Butanone

Concen: 12.372 ug/L

RT: 4.724 min Scan# 1068

Delta R.T. 0.016 min

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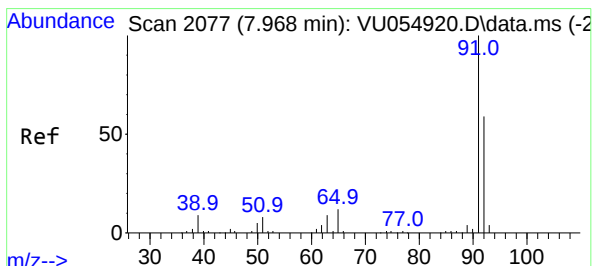
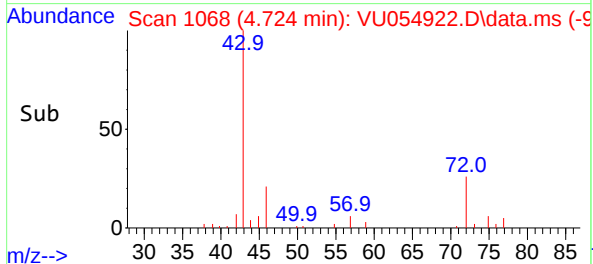
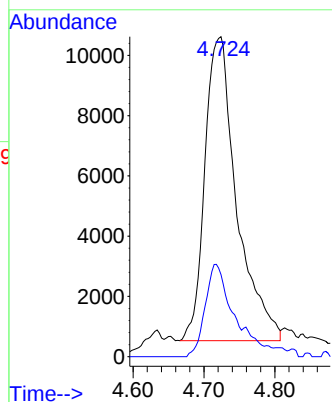
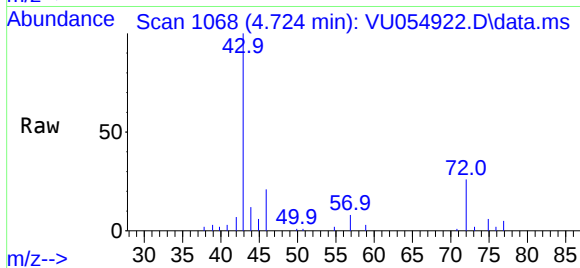
C0AM2

Tgt Ion: 43 Resp: 31472

Ion Ratio Lower Upper

43 100

72 23.3 14.1 42.3



#42

Toluene

Concen: 0.212 ug/L

RT: 7.971 min Scan# 2078

Delta R.T. 0.003 min

Lab File: VU054922.D

Acq: 28 Aug 2023 14:32

Tgt Ion: 91 Resp: 9851

Ion Ratio Lower Upper

91 100

92 55.1 41.2 76.4

