

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055635.D
 Acq On : 03 Oct 2023 12:52
 Operator : MD/SY
 Sample : 04679-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FB(20230926)

Quant Time: Oct 04 04:42:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 04 04:40:48 2023
 Response via : Initial Calibration

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

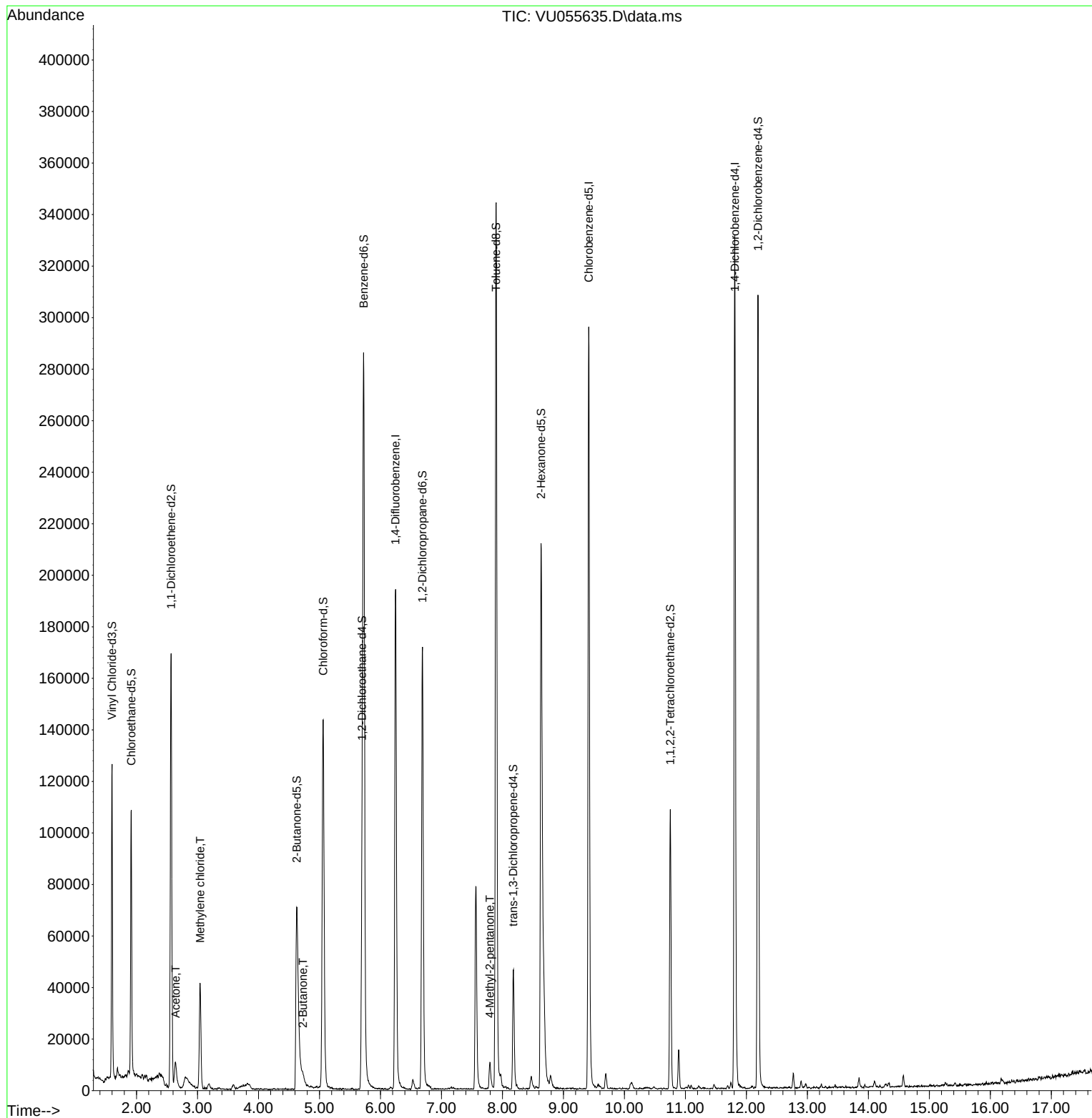
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	87614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	83519	5.082	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.914	69	70614	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.567	65	32446	4.797	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.628	46	120844	40.713	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.420%
24) Chloroform-d	5.062	84	134723	4.533	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.698	65	65495	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.724	84	278013	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.689	67	83974	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.898	98	239906	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.177	79	28334	4.623	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.634	63	67044	35.963	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55109	4.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	78570	4.443	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
13) Acetone	2.641	43	15672	9.263	ug/L	96
16) Methylene chloride	3.046	84	19211	1.411	ug/L	99
21) 2-Butanone	4.727	43	6832	2.753	ug/L #	63
40) 4-Methyl-2-pentanone	7.795	43	8001	1.402	ug/L #	81

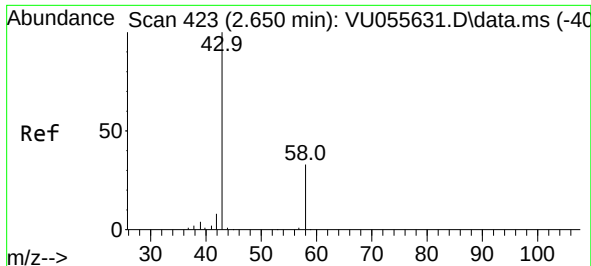
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.263 ug/L

RT: 2.641 min Scan# 41

Delta R.T. -0.010 min

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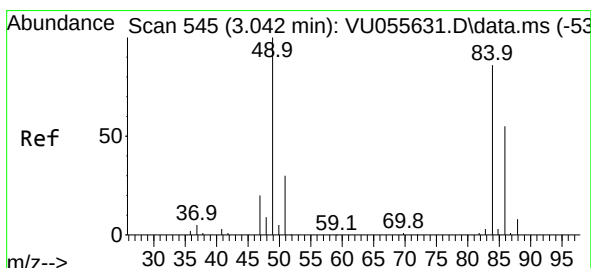
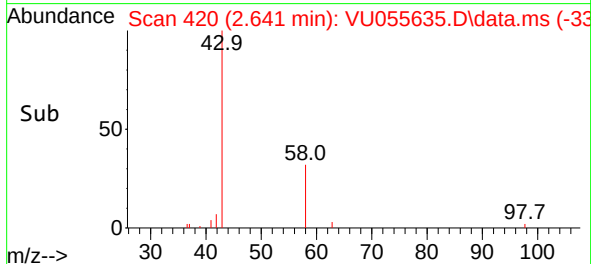
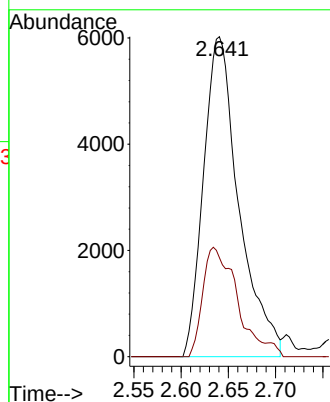
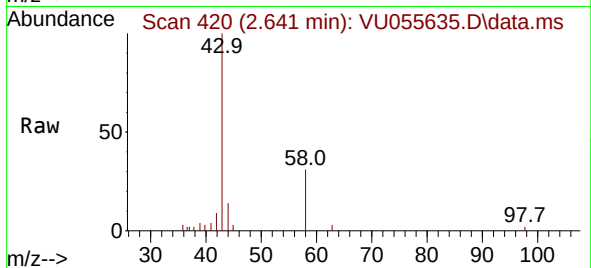
FB(20230926)

Tgt Ion: 43 Resp: 15672

Ion Ratio Lower Upper

43 100

58 33.7 0.0 72.2



#16

Methylene chloride

Concen: 1.411 ug/L

RT: 3.046 min Scan# 546

Delta R.T. 0.003 min

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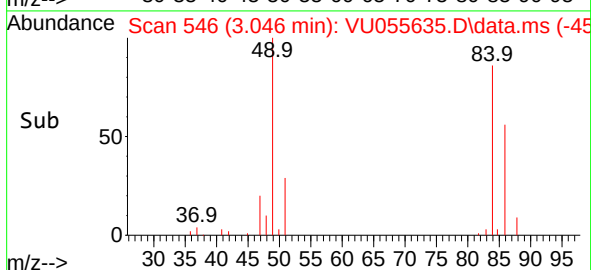
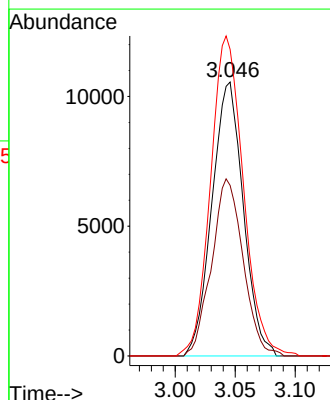
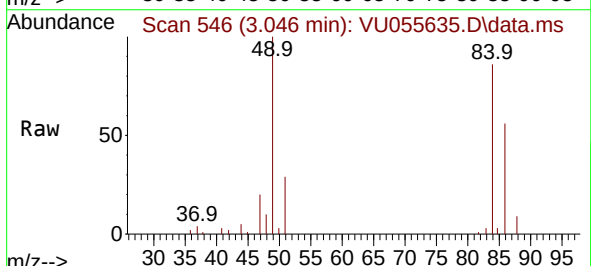
Tgt Ion: 84 Resp: 19211

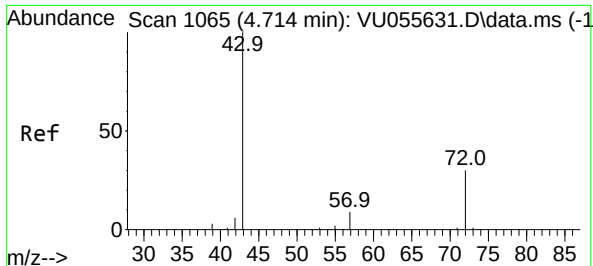
Ion Ratio Lower Upper

84 100

86 62.3 44.9 83.3

49 111.9 78.8 146.3





#21

2-Butanone

Concen: 2.753 ug/L

RT: 4.727 min Scan# 1069

Delta R.T. 0.013 min

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MSVOA_U

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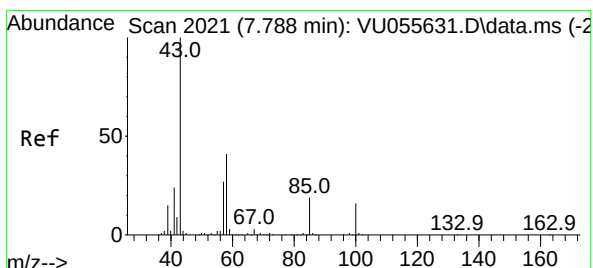
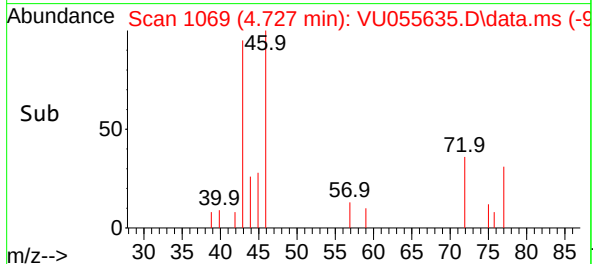
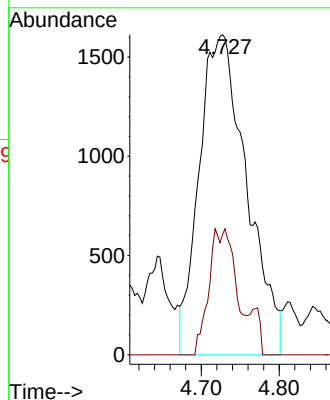
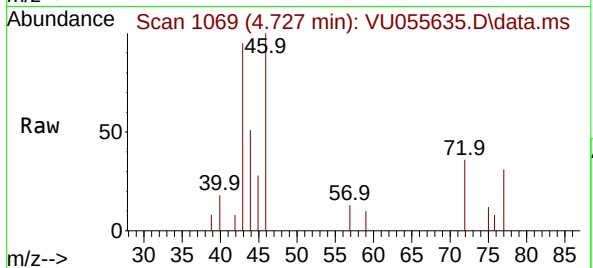
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Tgt Ion: 43 Resp: 6832

Ion Ratio Lower Upper

43 100

72 10.1 15.1 45.3#



#40

4-Methyl-2-pentanone

Concen: 1.402 ug/L

RT: 7.795 min Scan# 2023

Delta R.T. 0.007 min

Lab File: VU055635.D

Acq: 03 Oct 2023 12:52

Tgt Ion: 43 Resp: 8001

Ion Ratio Lower Upper

43 100

58 35.2 34.2 51.4

100 0.0 13.4 20.0#

