

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062823\
 Data File : VU054685.D
 Acq On : 28 Jun 2023 17:30
 Operator : MD/SY
 Sample : 03457-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0C51

Quant Time: Jun 29 04:37:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

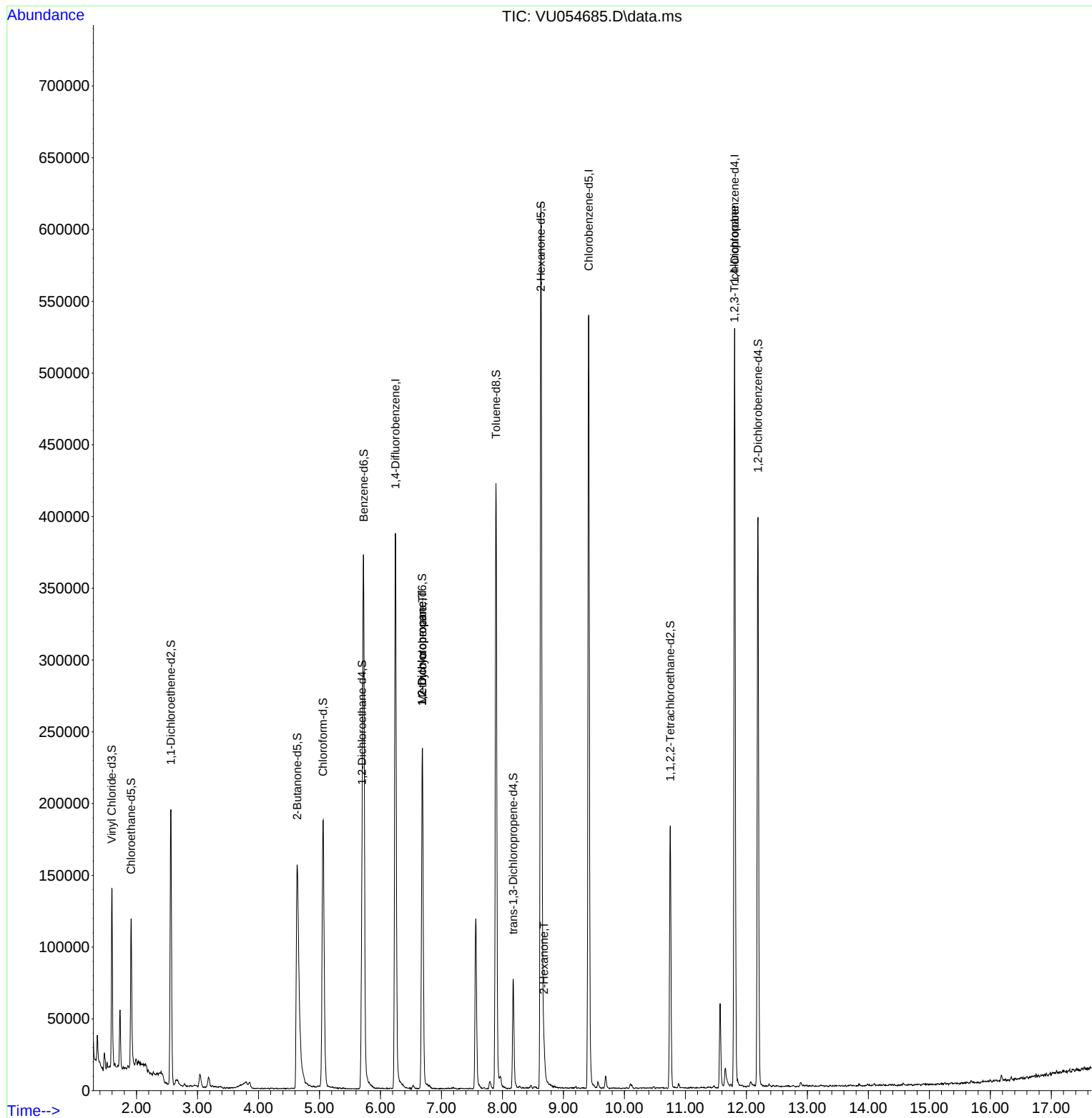
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	303900	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	294582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	94902	4.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.911	69	82147	4.536	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.563	65	38155	4.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.400%
20) 2-Butanone-d5	4.634	46	309278	56.876	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.760%
24) Chloroform-d	5.058	84	172009	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.698	65	93947	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.724	84	335458	4.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.685	67	120671	4.413	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.894	98	283396	3.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.177	79	43598	4.584	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.631	63	205204	51.432	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.860%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96793	4.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	102928	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
35) Methylcyclohexane	6.689	83	25902	0.612	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	12507	0.437	ug/L #	89
48) 2-Hexanone	8.682	43	9771	0.858	ug/L #	87
61) 1,2,3-Trichloropropane	11.804	75	18089	1.307	ug/L #	69

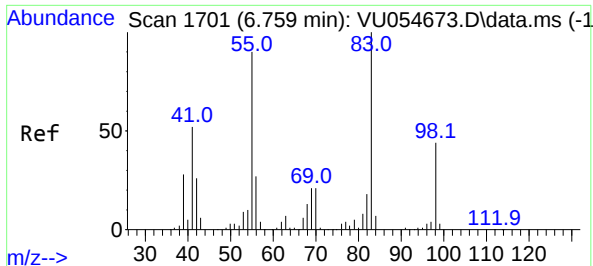
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.612 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

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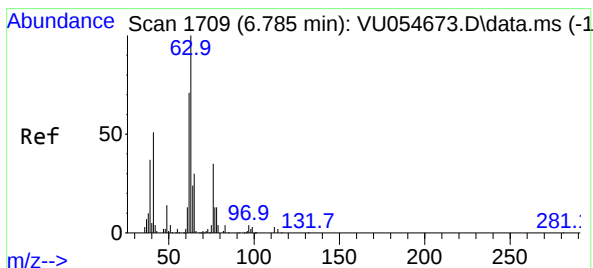
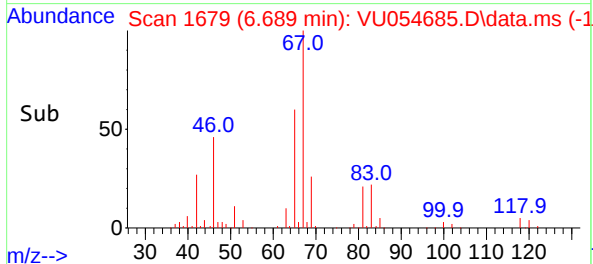
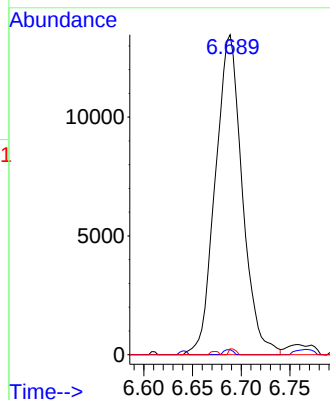
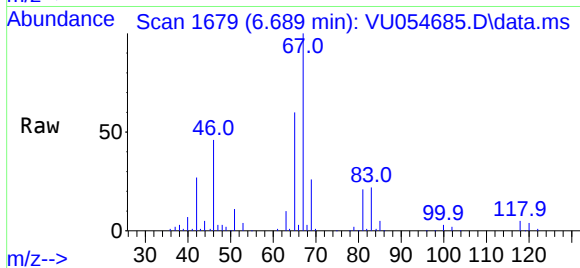
Tgt Ion: 83 Resp: 25902

Ion Ratio Lower Upper

83 100

55 0.5 67.1 100.7#

98 0.5 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.437 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU054685.D

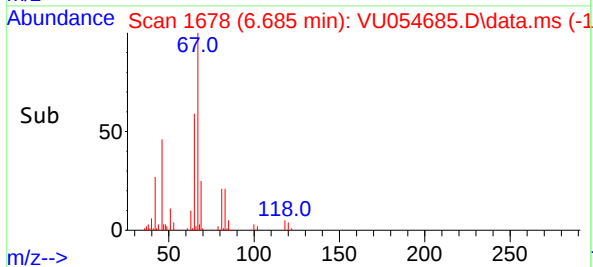
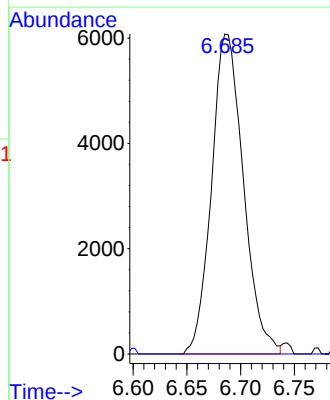
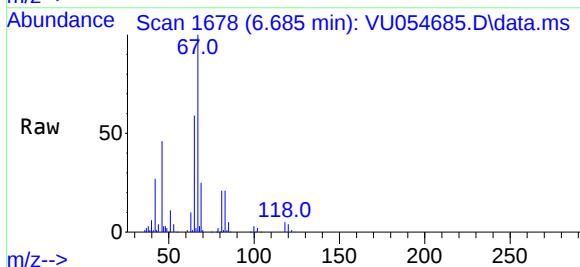
Acq: 28 Jun 2023 17:30

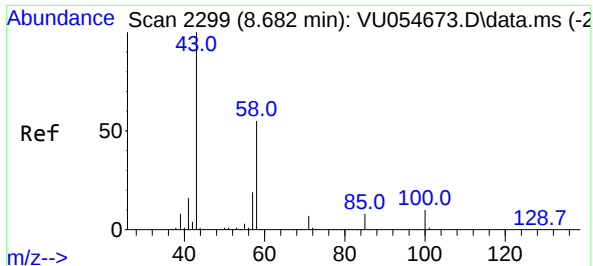
Tgt Ion: 63 Resp: 12507

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#



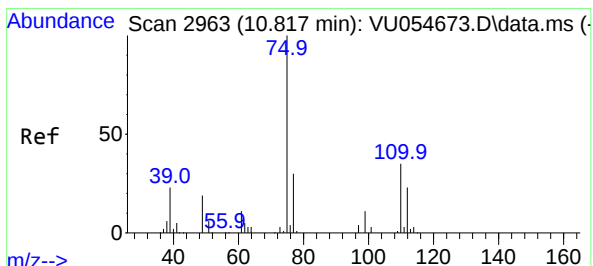
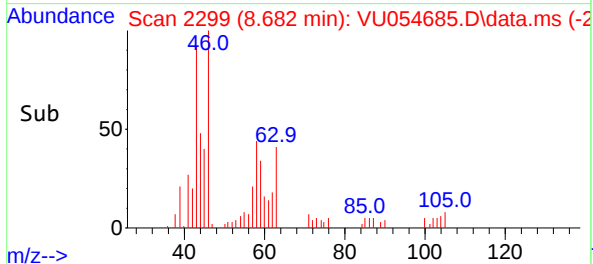
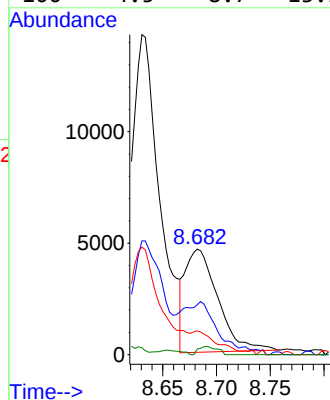
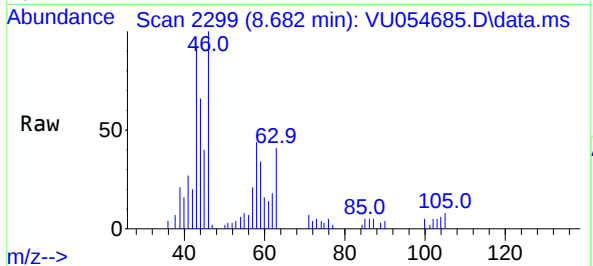


#48
2-Hexanone
Concen: 0.858 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
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Tgt Ion: 43 Resp: 9771

Ion	Ratio	Lower	Upper
43	100		
58	55.7	45.2	67.8
57	0.0	15.8	23.6#
100	4.5	8.7	13.1#



#61
1,2,3-Trichloropropane
Concen: 1.307 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.984 min
Lab File: VU054685.D
Acq: 28 Jun 2023 17:30

Tgt Ion: 75 Resp: 18089

Ion	Ratio	Lower	Upper
75	100		
110	2.3	28.0	42.0#
77	33.3	25.4	38.2

