

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056887.D
 Acq On : 15 Dec 2023 18:25
 Operator : MD/SY
 Sample : 05770-23
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Dec 15 22:27:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

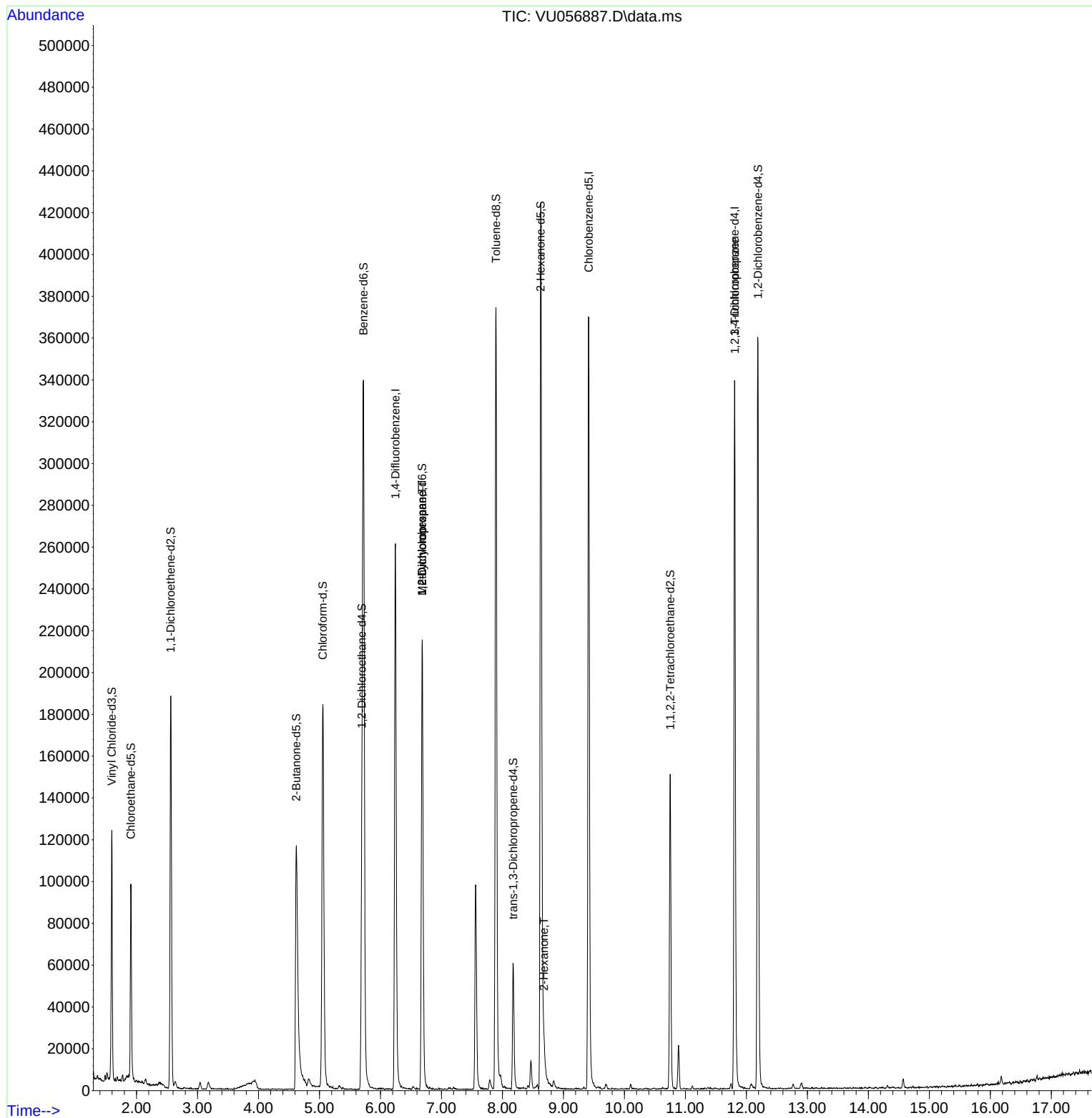
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	215199	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	219761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	82733	4.485	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.907	69	67939	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.560	65	36669	4.646	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.621	46	189357	51.981	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.960%
24) Chloroform-d	5.055	84	177178	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.695	65	87181	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.721	84	329841	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.685	67	104576	4.902	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.894	98	261132	4.286	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.177	79	36740	4.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.627	63	144773	46.394	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.780%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78617	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	95435	5.317	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
35) Methylcyclohexane	6.685	83	25100	0.803	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	10869	0.550	ug/L #	88
48) 2-Hexanone	8.682	43	6853	1.026	ug/L #	86
61) 1,2,3-Trichloropropane	11.810	75	12033	1.227	ug/L #	70

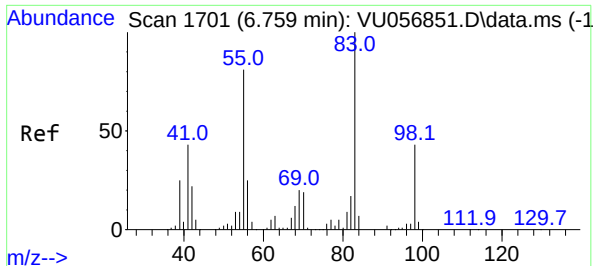
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.803 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056887.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

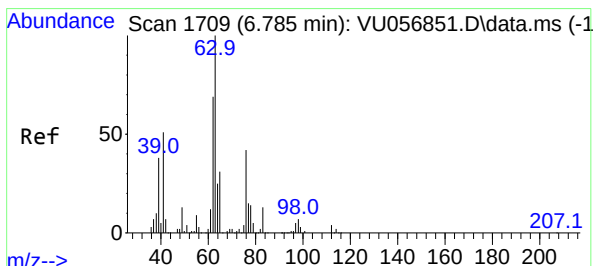
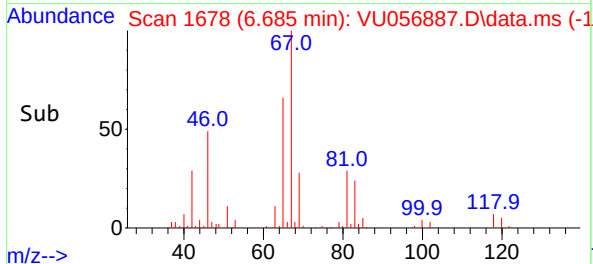
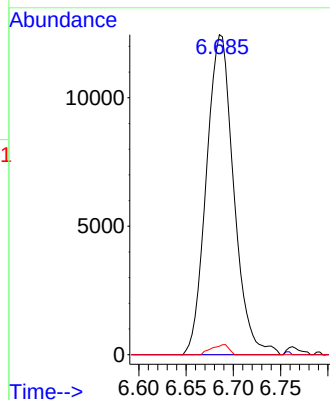
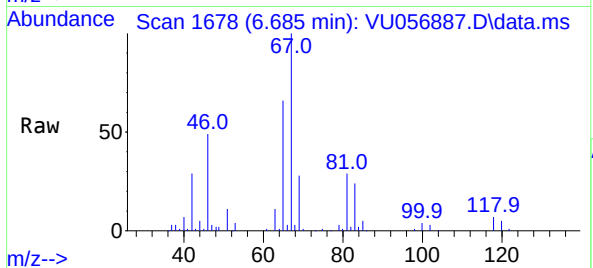
Tgt Ion: 83 Resp: 25100

Ion Ratio Lower Upper

83 100

55 0.2 64.6 97.0#

98 2.0 36.1 54.1#



#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU056887.D

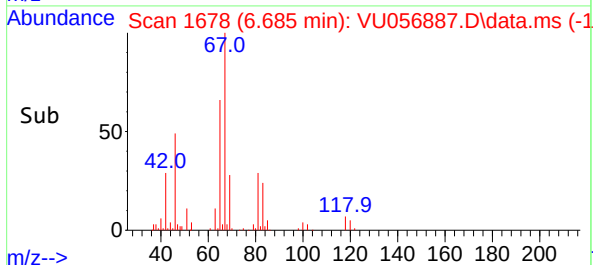
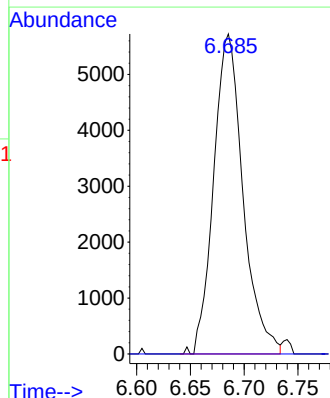
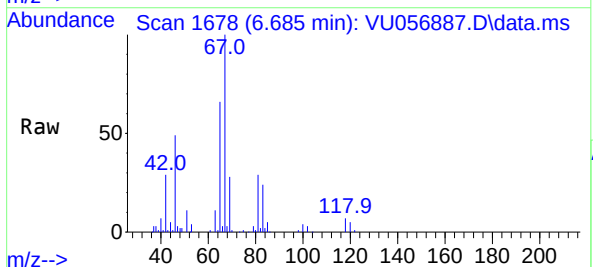
Acq: 15 Dec 2023 18:25

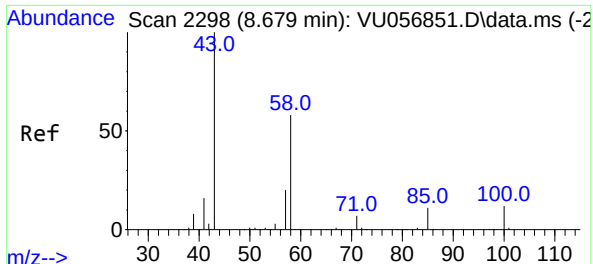
Tgt Ion: 63 Resp: 10869

Ion Ratio Lower Upper

63 100

112 0.2 3.3 4.9#



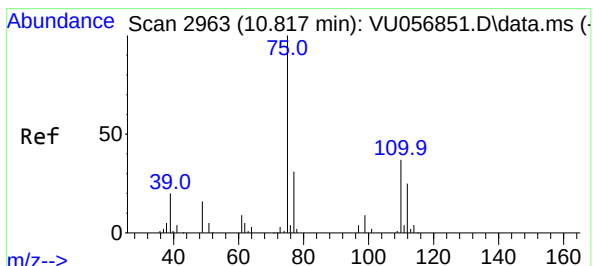
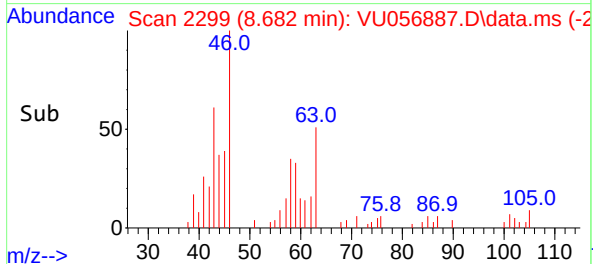
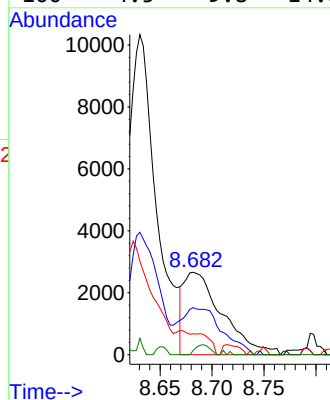
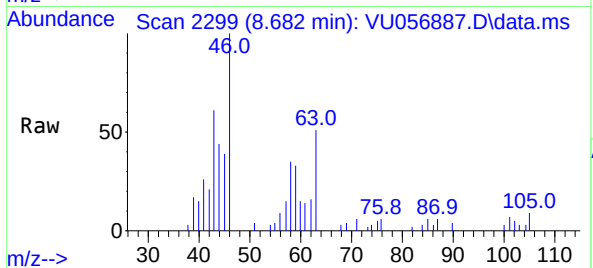


#48
2-Hexanone
Concen: 1.026 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
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Tgt Ion: 43 Resp: 6853

Ion	Ratio	Lower	Upper
43	100		
58	60.8	47.5	71.3
57	0.0	17.0	25.4#
100	4.5	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 1.227 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU056887.D
Acq: 15 Dec 2023 18:25

Tgt Ion: 75 Resp: 12033

Ion	Ratio	Lower	Upper
75	100		
110	2.3	28.4	42.6#
77	32.1	26.3	39.5

