

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU113023\
 Data File : VU056647.D
 Acq On : 30 Nov 2023 15:13
 Operator : MD/SY
 Sample : 05582-02RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 30 22:27:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 30 22:25:57 2023
 Response via : Initial Calibration

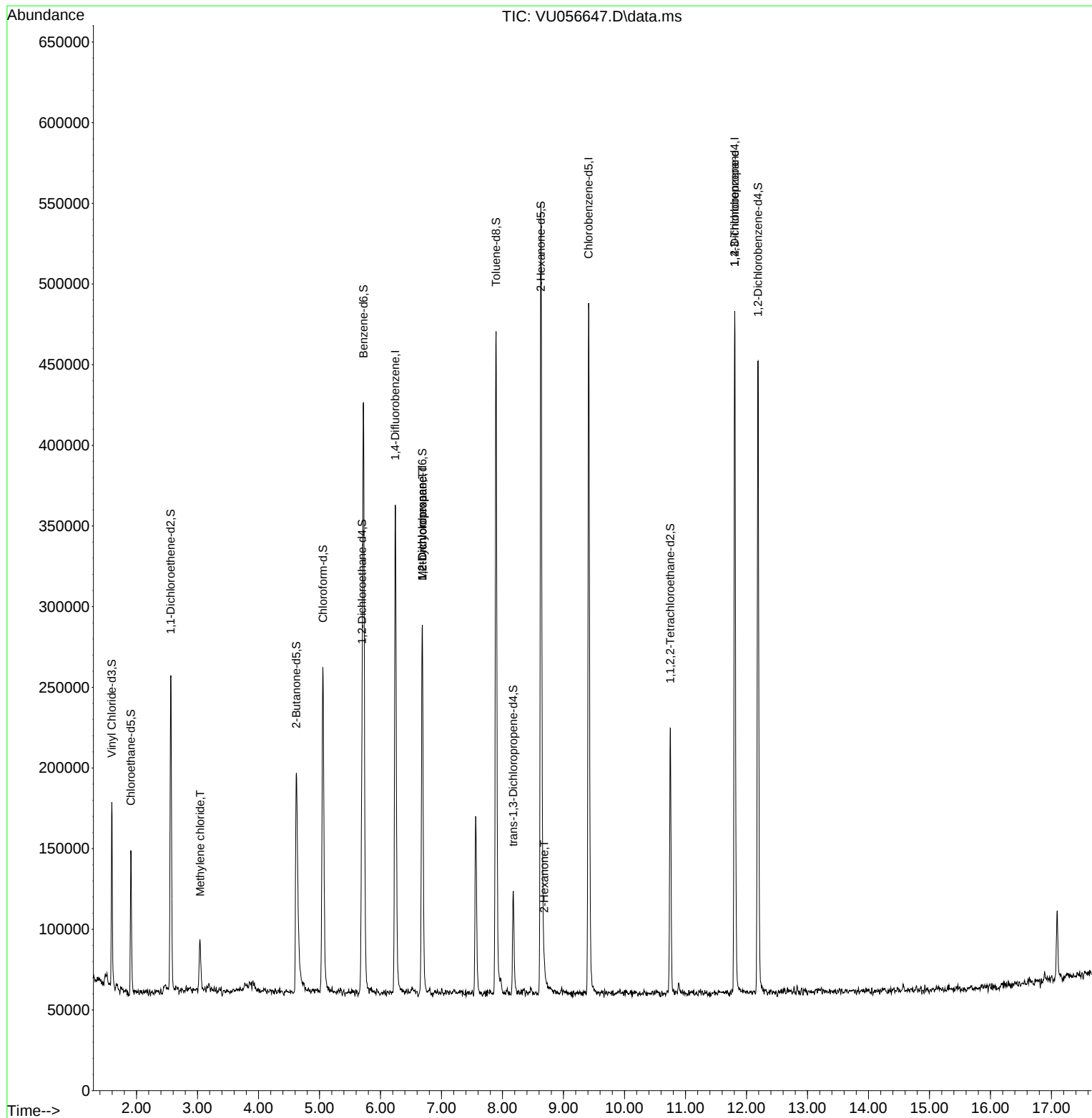
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	251924	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	250576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	112089	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	81719	4.337	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.907	69	66579	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.560	65	38847	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.400%
20) 2-Butanone-d5	4.621	46	229926	61.194	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.380%
24) Chloroform-d	5.055	84	184596	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.698	65	91280	5.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.400%
32) Benzene-d6	5.721	84	348701	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.685	67	112641	5.006	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.894	98	285138	4.325	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.177	79	39426	4.569	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.631	63	171672	50.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.240%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	82221	5.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	106527	5.145	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
16) Methylene chloride	3.042	84	15181	0.744	ug/L	95
35) Methylcyclohexane	6.685	83	26799	0.953	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13009	0.698	ug/L #	89
48) 2-Hexanone	8.685	43	5636	0.783	ug/L #	46
61) 1,2,3-Trichloropropane	11.807	75	13818	1.437	ug/L #	67

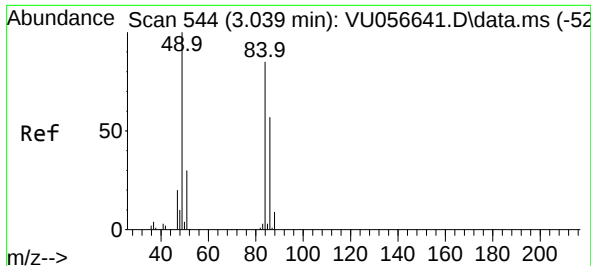
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 30 22:25:57 2023
Response via : Initial Calibration

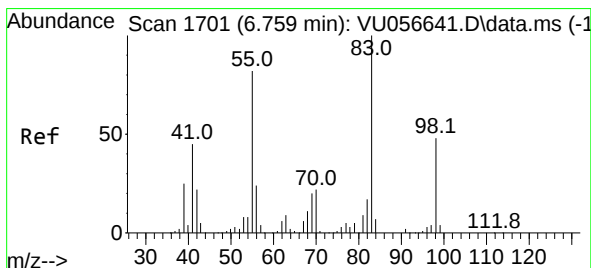
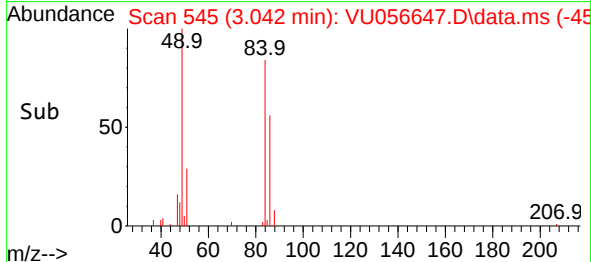
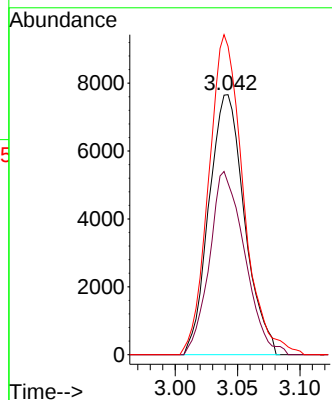
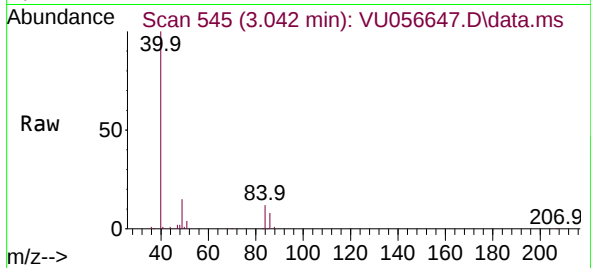




#16
Methylene chloride
Concen: 0.744 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056647.D
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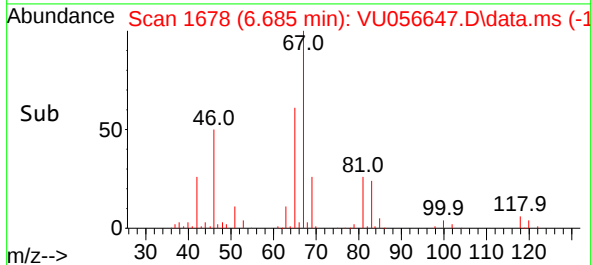
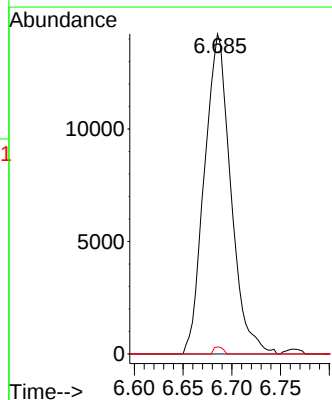
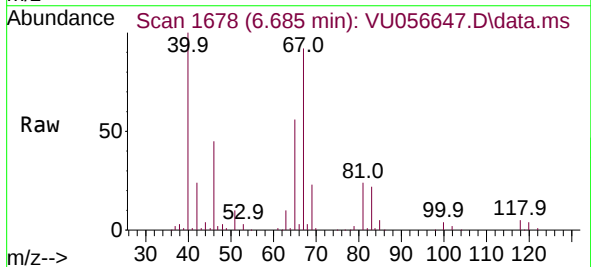
Instrument :
MSVOA_U
ClientSampleId :

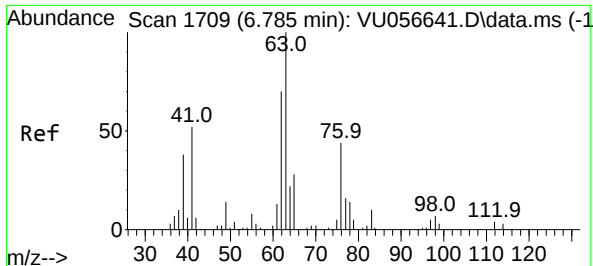
Tgt Ion: 84 Resp: 15181
Ion Ratio Lower Upper
84 100
86 65.9 44.7 83.1
49 123.9 81.8 152.0



#35
Methylcyclohexane
Concen: 0.953 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056647.D
Acq: 30 Nov 2023 15:13

Tgt Ion: 83 Resp: 26799
Ion Ratio Lower Upper
83 100
55 0.0 62.9 94.3#
98 0.8 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.698 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056647.D

Acq: 30 Nov 2023 15:13

Instrument :

MSVOA_U

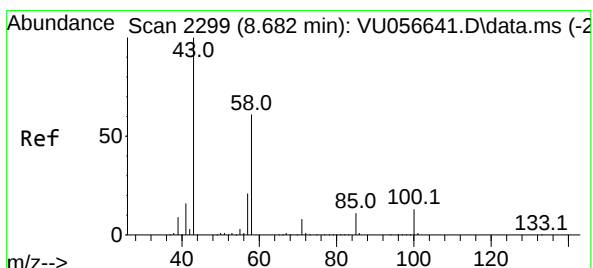
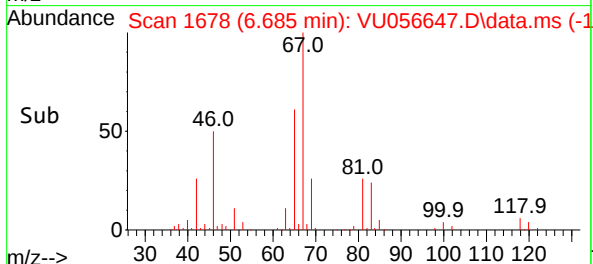
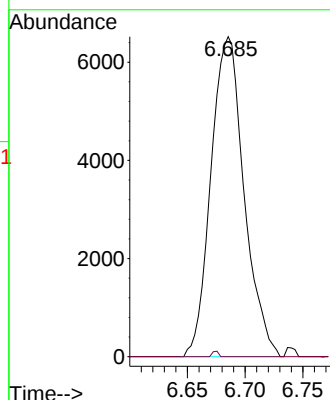
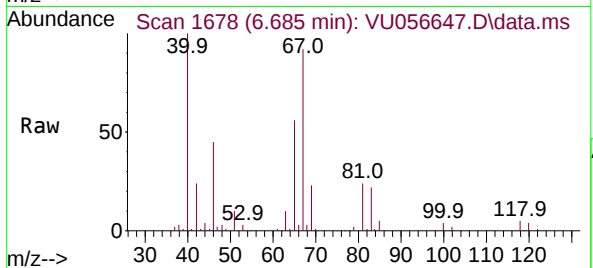
ClientSampleId :

Tgt Ion: 63 Resp: 13009

Ion Ratio Lower Upper

63 100

112 0.3 3.2 4.8#



#48

2-Hexanone

Concen: 0.783 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU056647.D

Acq: 30 Nov 2023 15:13

Tgt Ion: 43 Resp: 5636

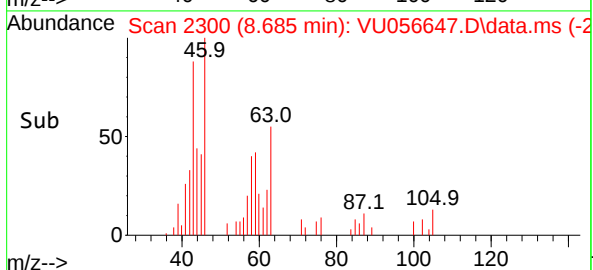
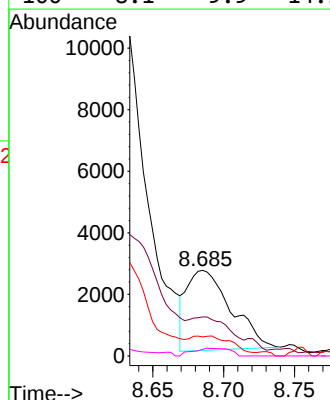
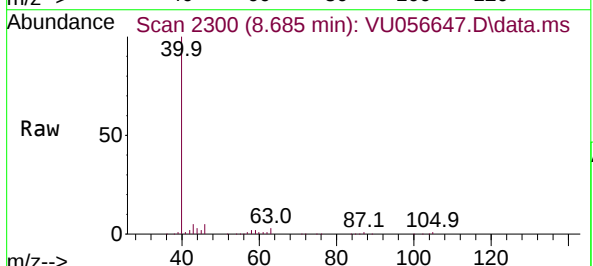
Ion Ratio Lower Upper

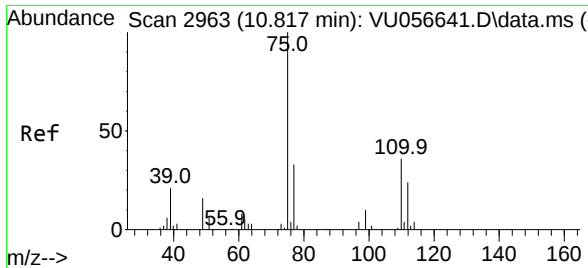
43 100

58 0.0 48.7 73.1#

57 19.1 16.8 25.2

100 8.1 9.9 14.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.437 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056647.D
 Acq: 30 Nov 2023 15:13

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75	Resp:	13818
Ion Ratio	Lower	Upper
75	100	
110	2.2	30.4 45.6#
77	35.4	27.0 40.6

