

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056827.D
 Acq On : 14 Dec 2023 10:21
 Operator : MD/SY
 Sample : VU1214WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:49:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

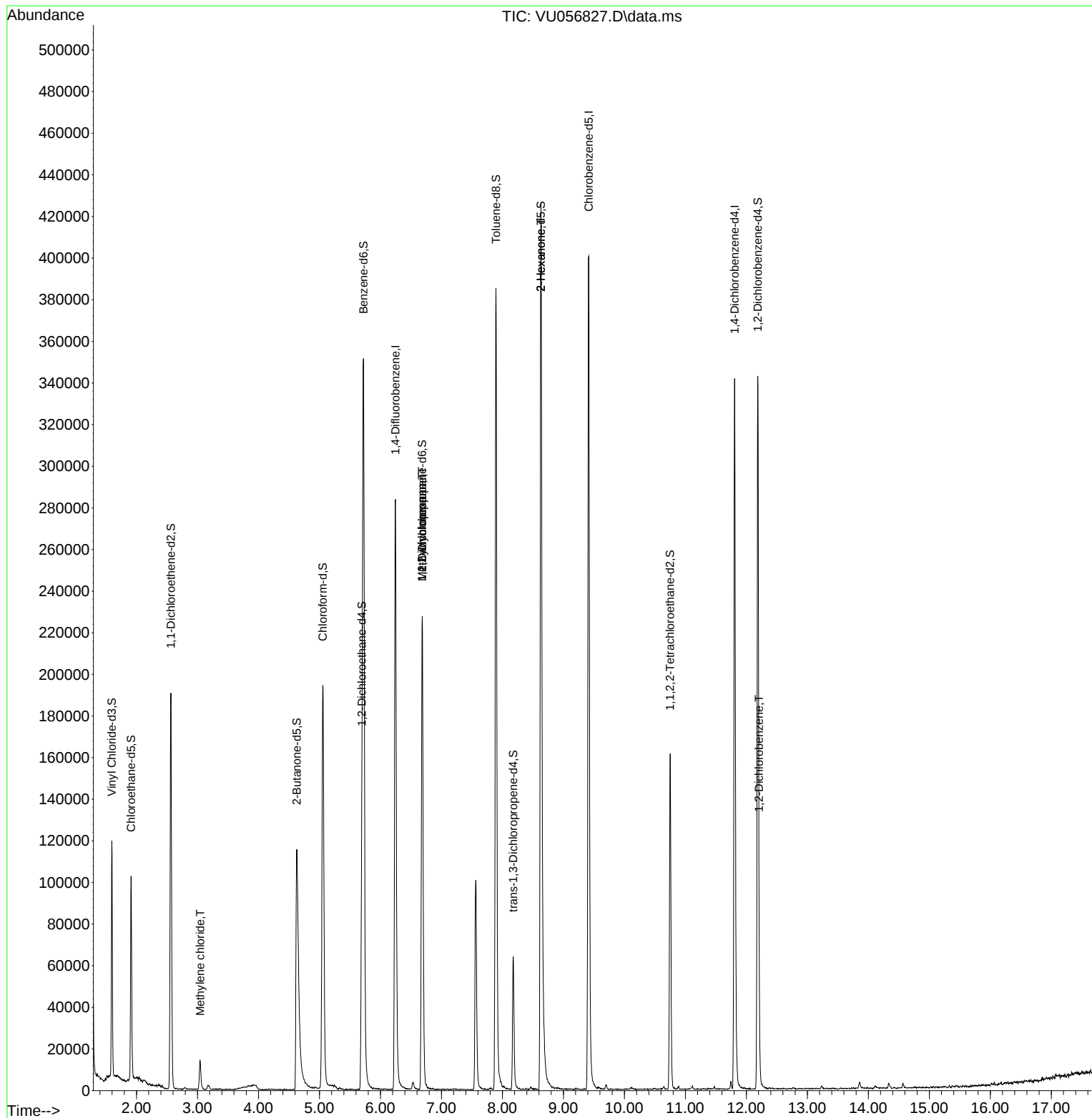
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	231382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	238516	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	81481	4.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.911	69	72597	4.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.563	65	35976	4.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.628	46	216946	55.389	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.780%
24) Chloroform-d	5.055	84	187278	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.695	65	89851	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.721	84	339935	4.595	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.685	67	113546	4.904	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.894	98	267014	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.177	79	39695	4.420	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.631	63	150647	44.480	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	82059	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	93331	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	7386	0.361	ug/L	94
35) Methylcyclohexane	6.682	83	26934	0.794	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	12520	0.584	ug/L #	88
48) 2-Hexanone	8.631	43	20750	2.861	ug/L #	76
67) 1,2-Dichlorobenzene	12.206	146	5390	0.171	ug/L	94

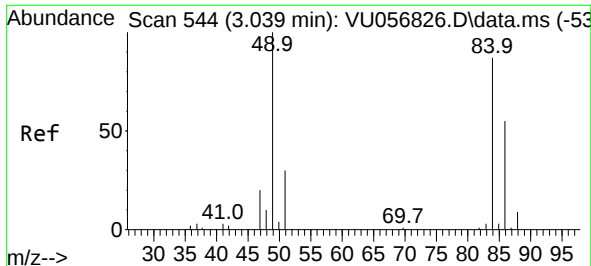
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

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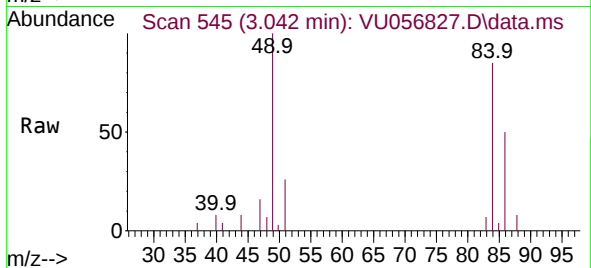
Quant Time: Dec 15 00:49:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 15 00:49:12 2023
Response via : Initial Calibration



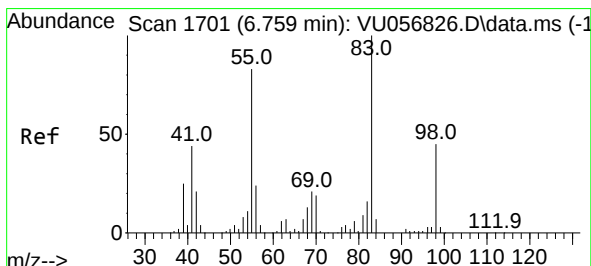
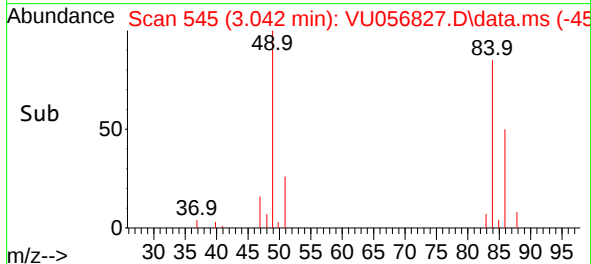
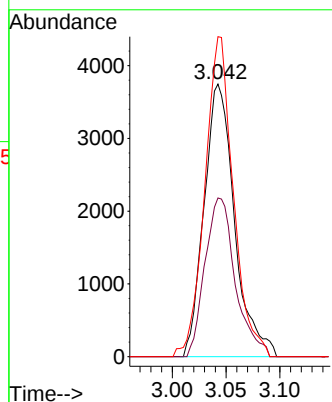


#16
Methylene chloride
Concen: 0.361 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056827.D
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MSVOA_U
ClientSampleId :

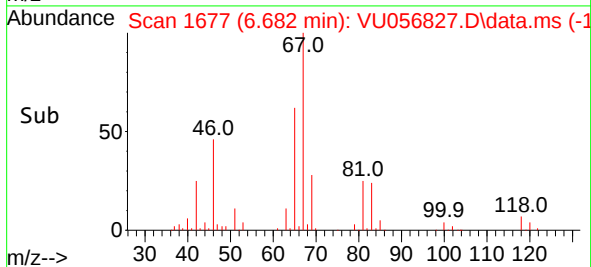
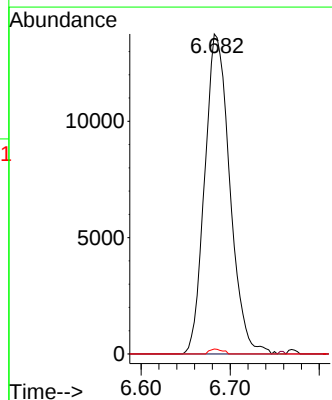
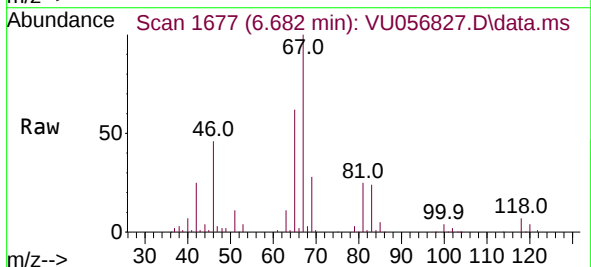


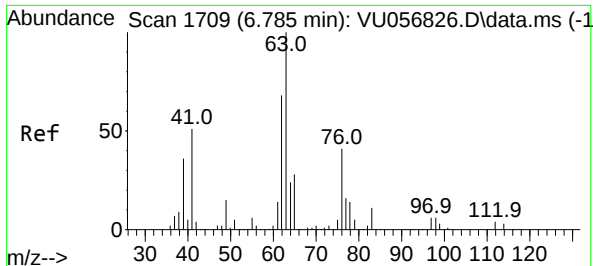
Tgt Ion: 84 Resp: 7386
Ion Ratio Lower Upper
84 100
86 58.2 43.6 81.0
49 121.4 80.6 149.6



#35
Methylcyclohexane
Concen: 0.794 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056827.D
Acq: 14 Dec 2023 10:21

Tgt Ion: 83 Resp: 26934
Ion Ratio Lower Upper
83 100
55 0.2 64.6 97.0#
98 0.8 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056827.D

Acq: 14 Dec 2023 10:21

Instrument :

MSVOA_U

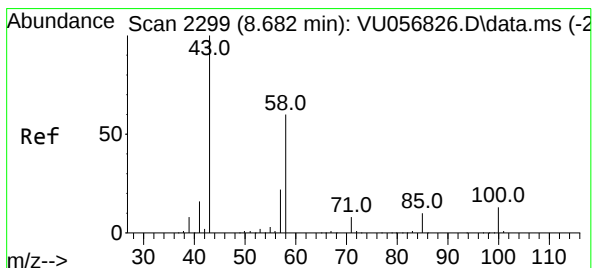
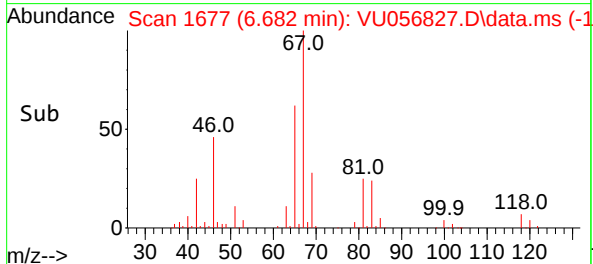
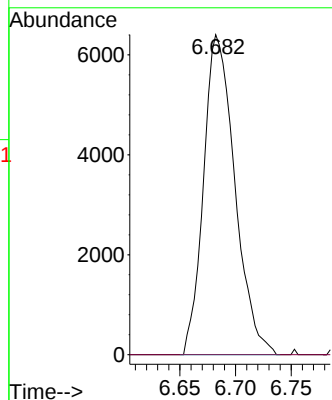
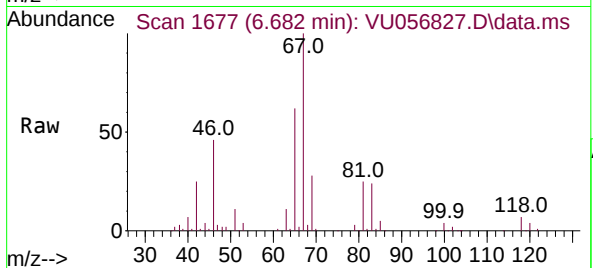
ClientSampleId :

Tgt Ion: 63 Resp: 12520

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#48

2-Hexanone

Concen: 2.861 ug/L

RT: 8.631 min Scan# 2283

Delta R.T. -0.051 min

Lab File: VU056827.D

Acq: 14 Dec 2023 10:21

Tgt Ion: 43 Resp: 20750

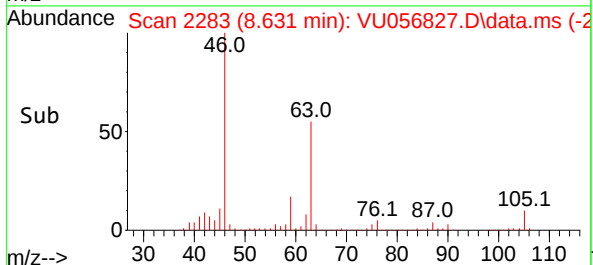
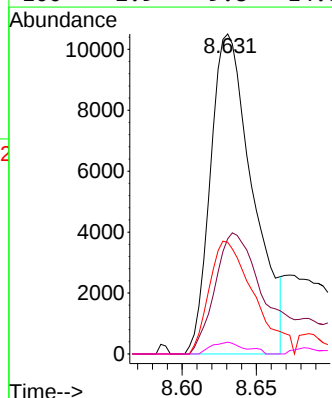
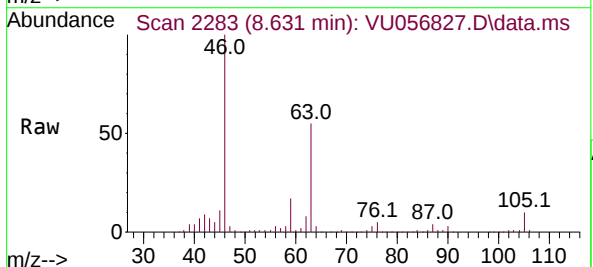
Ion Ratio Lower Upper

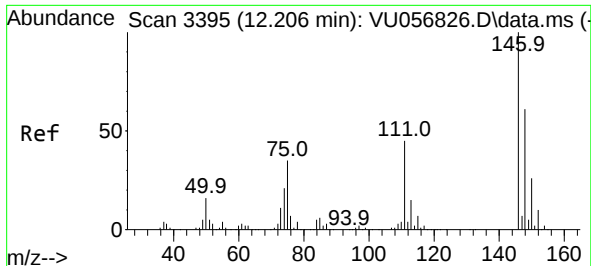
43 100

58 43.6 47.5 71.3#

57 37.0 17.0 25.4#

100 2.9 9.8 14.8#





#67

1,2-Dichlorobenzene

Concen: 0.171 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

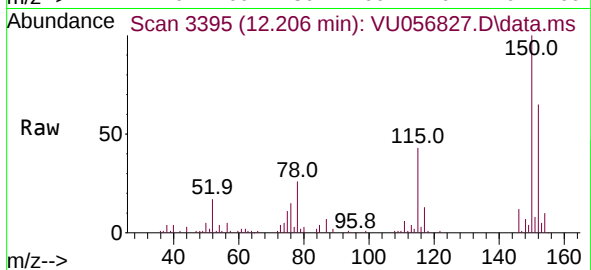
Lab File: VU056827.D

Acq: 14 Dec 2023 10:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 5390

Ion Ratio Lower Upper

146 100

111 49.4 36.9 55.3

148 61.5 53.0 79.4

