

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056833.D
 Acq On : 14 Dec 2023 12:53
 Operator : MD/SY
 Sample : 05664-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:51:41 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)

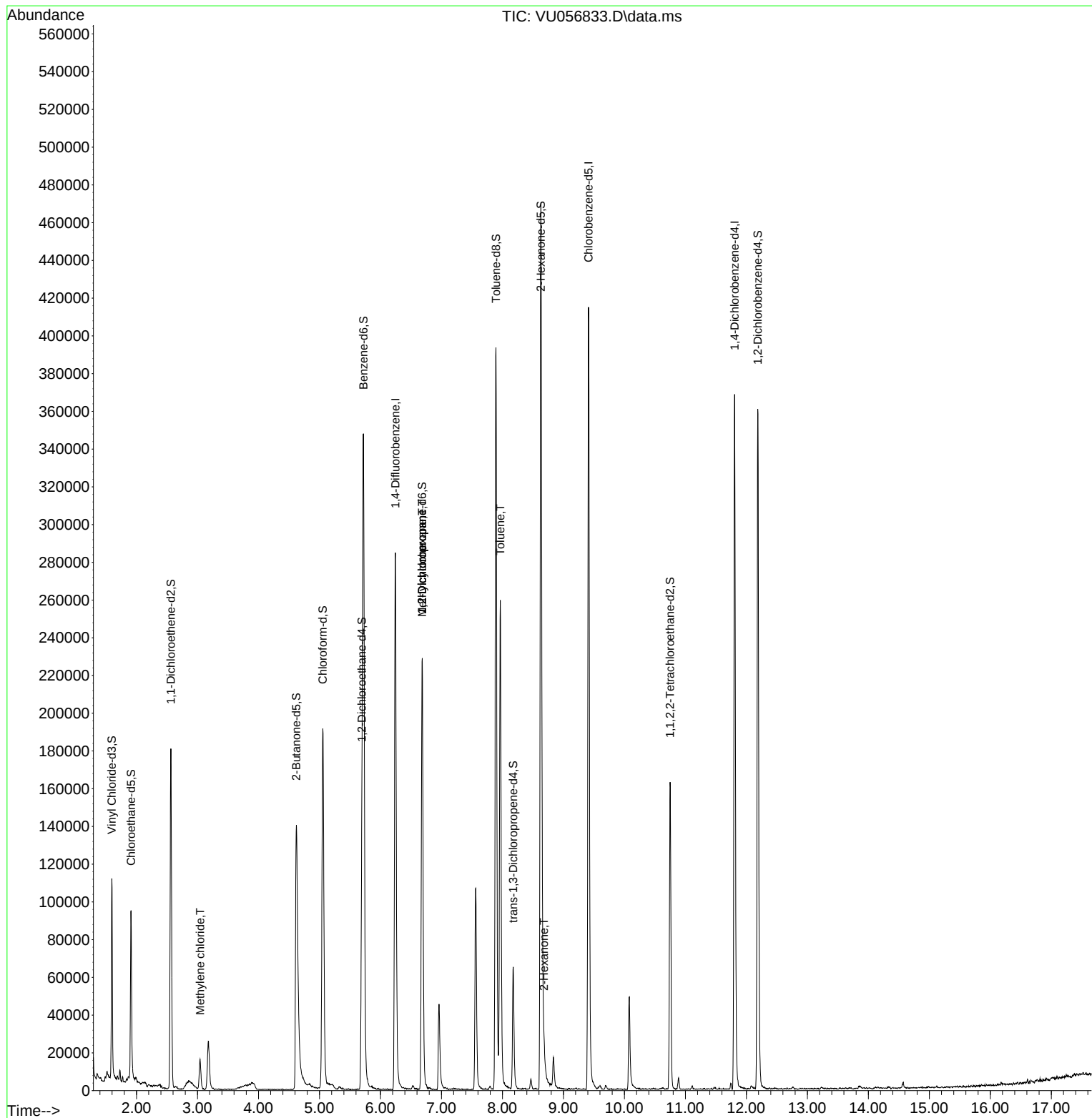
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	234332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246417	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	74742	3.721	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.400%	
7) Chloroethane-d5	1.911	69	66108	4.398	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.000%	
11) 1,1-Dichloroethene-d2	2.563	65	35968	4.185	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.800%	
20) 2-Butanone-d5	4.621	46	210944	53.178	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.360%	
24) Chloroform-d	5.055	84	182224	4.791	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.800%	
26) 1,2-Dichloroethane-d4	5.695	65	92406	5.134	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.721	84	339323	4.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.685	67	112197	4.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.894	98	272121	3.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.600%	
43) trans-1,3-Dichloroprop...	8.177	79	39431	4.250	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.631	63	164141	46.910	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.820%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	83614	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	96439	4.917	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.400%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	7703	0.372	ug/L	95
35) Methylcyclohexane	6.682	83	26888	0.767	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	12112	0.547	ug/L #	89
42) Toluene	7.965	91	199361	2.225	ug/L	98
48) 2-Hexanone	8.682	43	6362	0.849	ug/L #	44

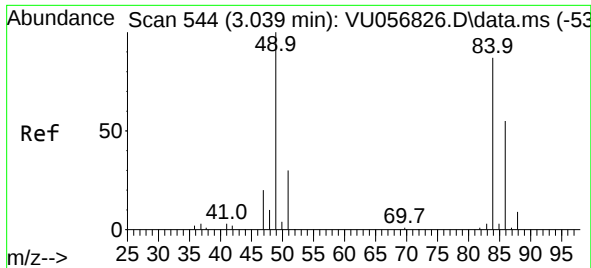
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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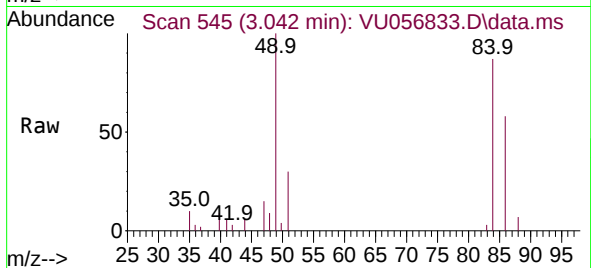
Quant Time: Dec 15 00:51:41 2023
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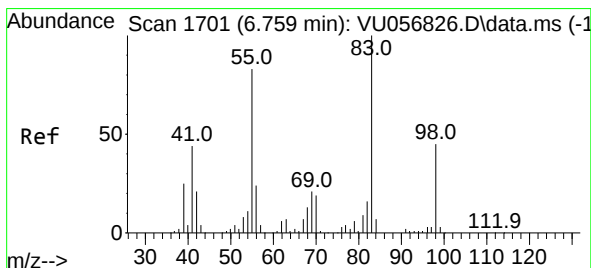
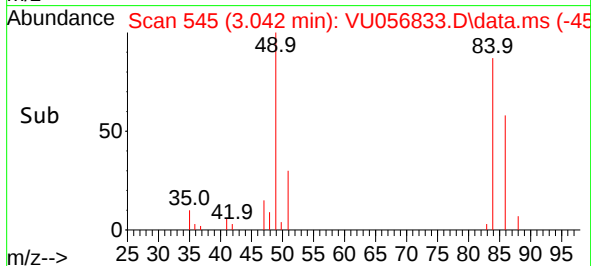
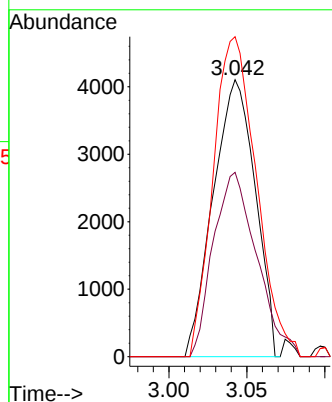


#16
Methylene chloride
Concen: 0.372 ug/L
RT: 3.042 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU056833.D
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Instrument :
MSVOA_U
ClientSampleId :

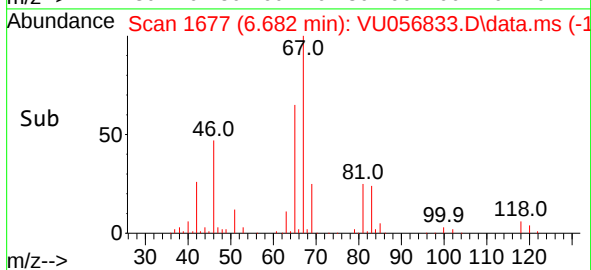
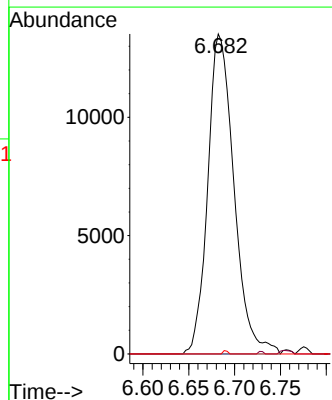
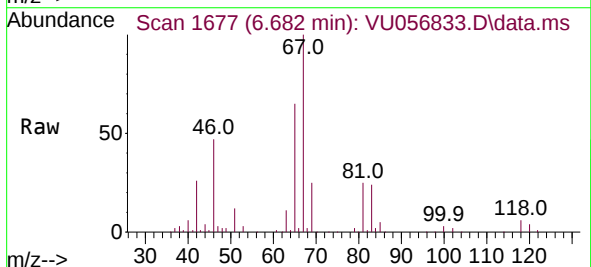


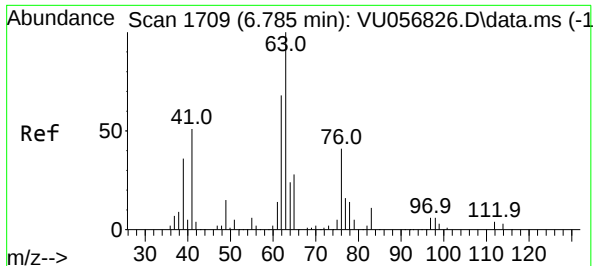
Tgt Ion: 84 Resp: 7703
Ion Ratio Lower Upper
84 100
86 66.6 43.6 81.0
49 120.7 80.6 149.6



#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.077 min
Lab File: VU056833.D
Acq: 14 Dec 2023 12:53

Tgt Ion: 83 Resp: 26888
Ion Ratio Lower Upper
83 100
55 0.5 64.6 97.0#
98 0.2 36.1 54.1#





#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056833.D

Acq: 14 Dec 2023 12:53

Instrument :

MSVOA_U

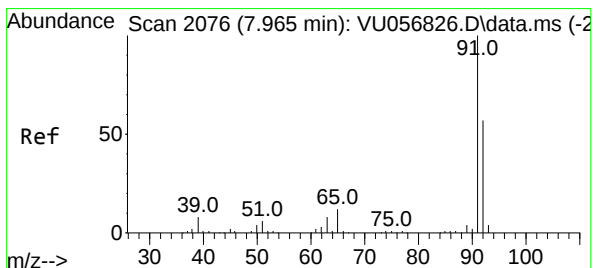
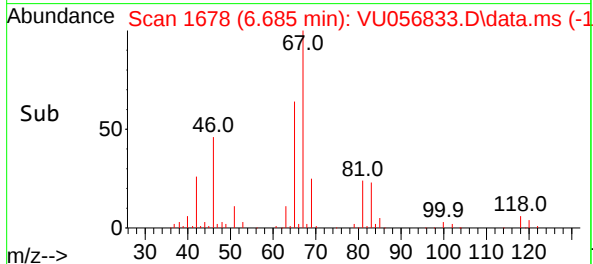
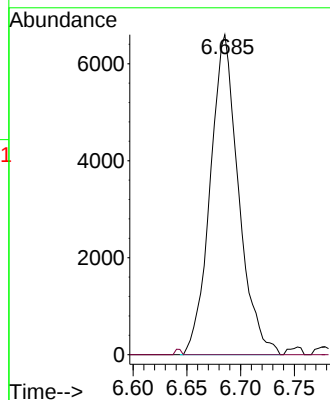
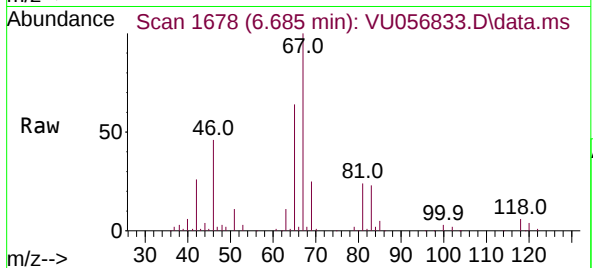
ClientSampleId :

Tgt Ion: 63 Resp: 12112

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#



#42

Toluene

Concen: 2.225 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU056833.D

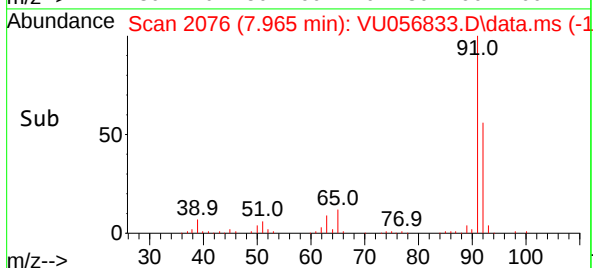
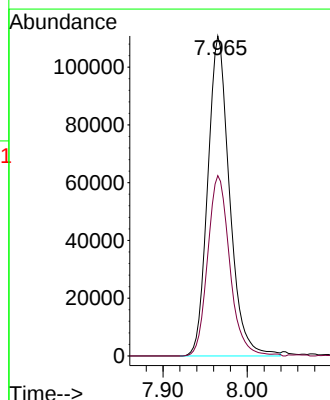
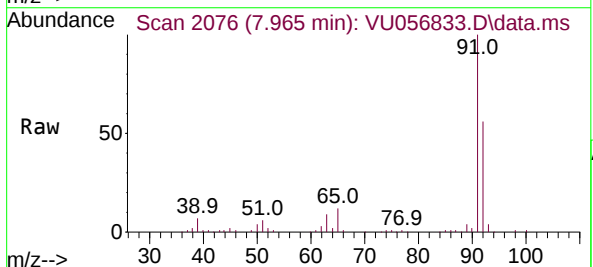
Acq: 14 Dec 2023 12:53

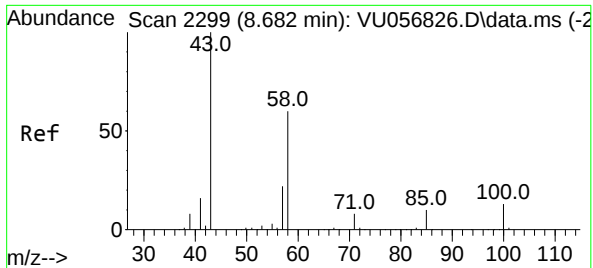
Tgt Ion: 91 Resp: 199361

Ion Ratio Lower Upper

91 100

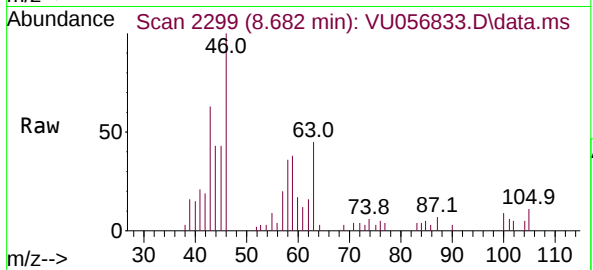
92 56.3 40.4 75.0





#48
 2-Hexanone
 Concen: 0.849 ug/L
 RT: 8.682 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU056833.D
 Acq: 14 Dec 2023 12:53

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	43	Resp:	6362
Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.5	71.3#
57	14.4	17.0	25.4#
100	6.2	9.8	14.8#

