

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070221\
 Data File : VU044307.D
 Acq On : 02 Jul 2021 16:42
 Operator : SY/MD
 Sample : VIBLK134
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK002

Quant Time: Jul 03 05:01:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR062121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 03 04:56:00 2021
 Response via : Initial Calibration

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

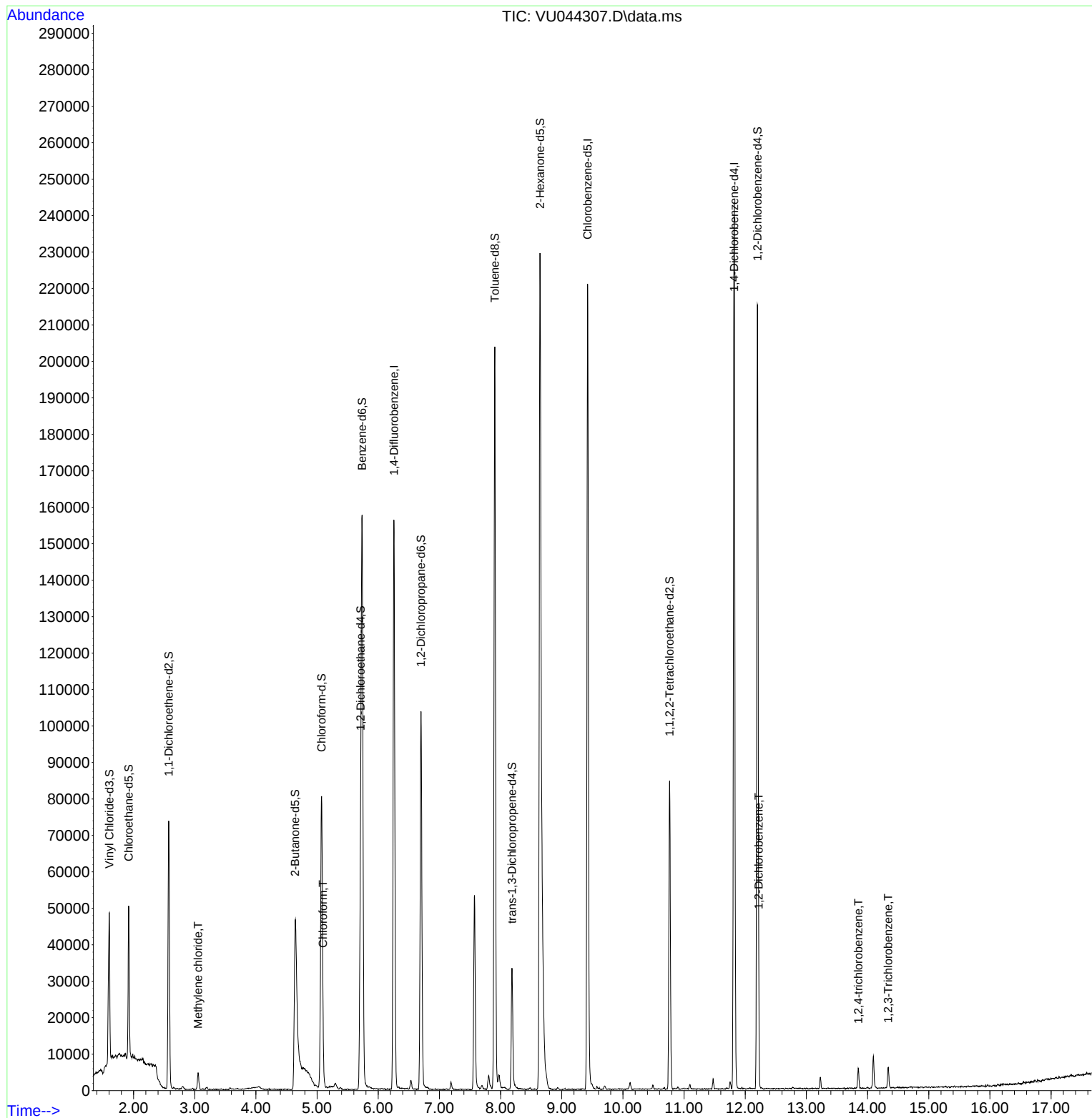
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	126626	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	121003	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	63994	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25273	3.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.919	69	29342	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.575	65	14121	4.013	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.642	46	99390	39.368	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.740%
24) Chloroform-d	5.073	84	72056	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.713	65	42232	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.735	84	142960	4.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.700	67	47401	4.867	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.906	98	132609	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	8.185	79	19359	4.285	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.645	63	115216	53.547	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.100%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	41771	4.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.201	152	55204	5.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	2216	0.225	ug/L	91
25) Chloroform	5.096	83	2140	0.135	ug/L	92
67) 1,2-Dichlorobenzene	12.221	146	1162	0.070	ug/L #	90
70) 1,2,4-trichlorobenzene	13.848	180	2112	0.186	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	2339	0.239	ug/L	96

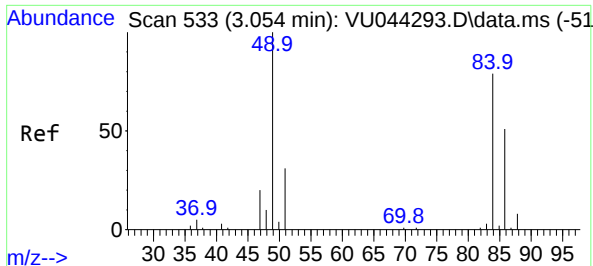
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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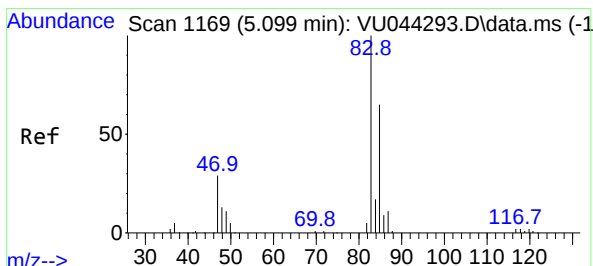
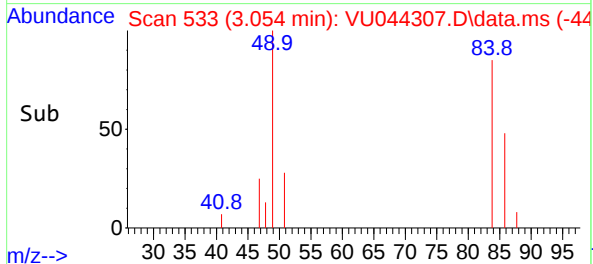
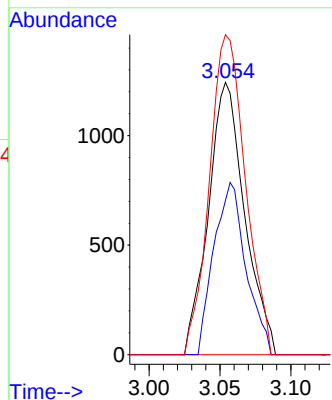
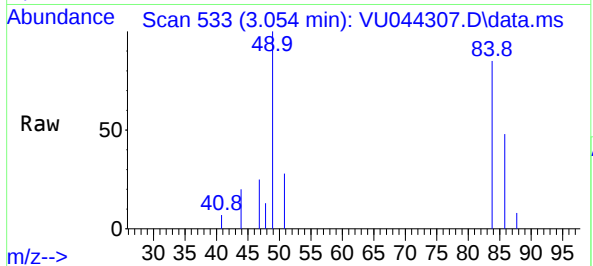




#16
Methylene chloride
Concen: 0.225 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044307.D
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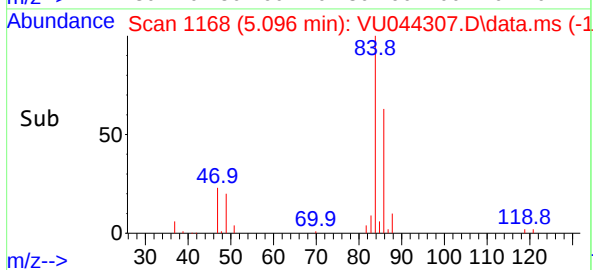
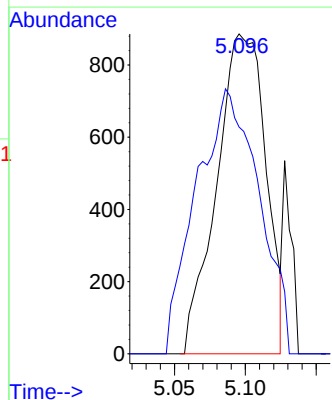
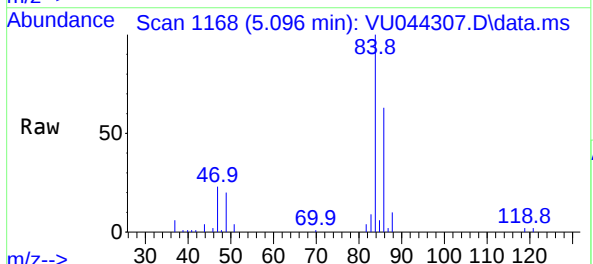
Instrument :
MSVOA_U
ClientSampleId :
VIBLK002

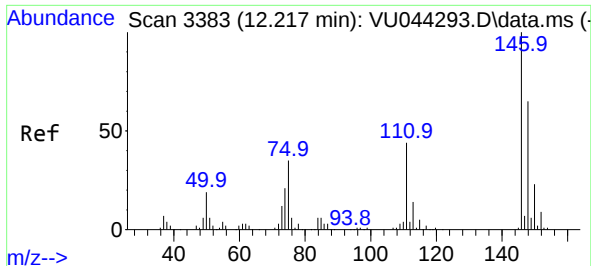
Tgt Ion: 84 Resp: 2216
Ion Ratio Lower Upper
84 100
86 56.6 46.1 85.5
49 117.5 88.4 164.2



#25
Chloroform
Concen: 0.135 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

Tgt Ion: 83 Resp: 2140
Ion Ratio Lower Upper
83 100
85 70.9 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 0.070 ug/L

RT: 12.221 min Scan# 3384

Delta R.T. 0.003 min

Lab File: VU044307.D

Acq: 02 Jul 2021 16:42

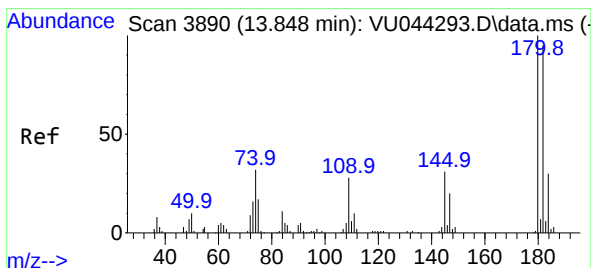
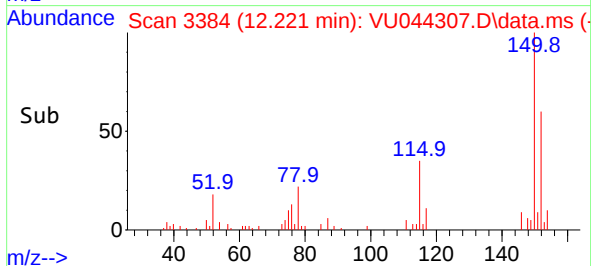
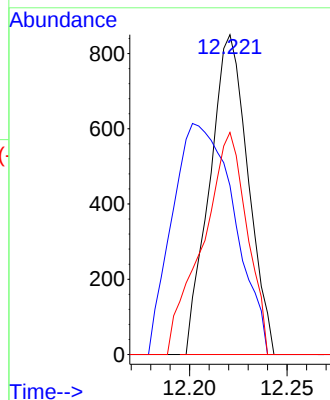
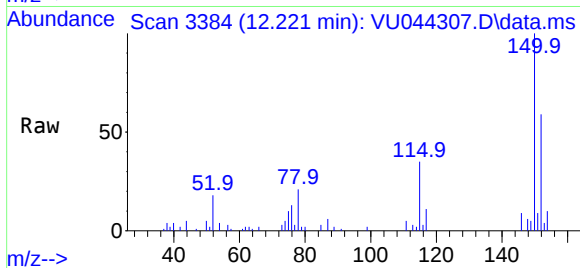
Tgt Ion:146 Resp: 1162

Ion Ratio Lower Upper

146 100

111 52.8 35.0 52.6#

148 69.4 51.2 76.8



#70

1,2,4-trichlorobenzene

Concen: 0.186 ug/L

RT: 13.848 min Scan# 3890

Delta R.T. 0.000 min

Lab File: VU044307.D

Acq: 02 Jul 2021 16:42

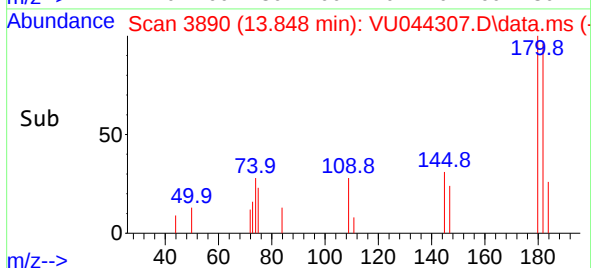
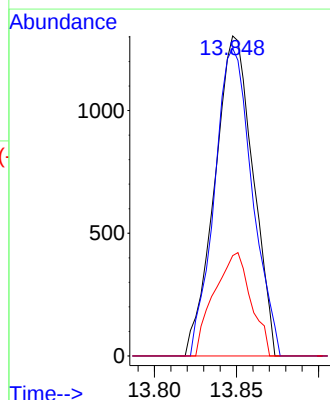
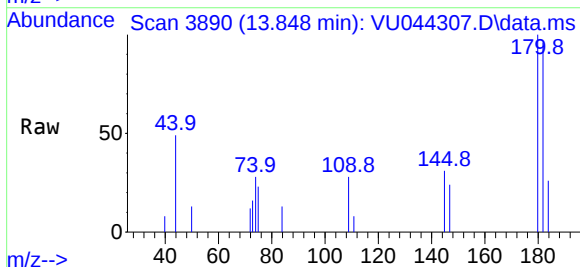
Tgt Ion:180 Resp: 2112

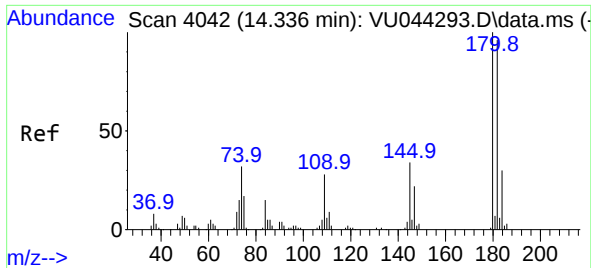
Ion Ratio Lower Upper

180 100

182 94.8 75.7 113.5

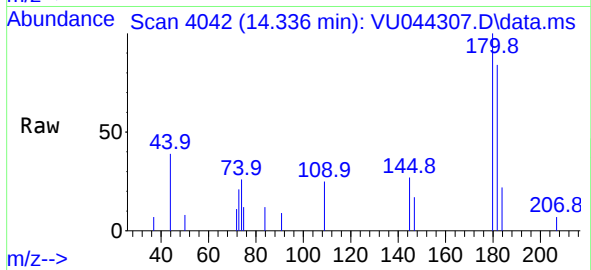
145 31.0 25.6 38.4





#72
1,2,3-Trichlorobenzene
Concen: 0.239 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044307.D
Acq: 02 Jul 2021 16:42

Instrument :
MSVOA_U
ClientSampleId :
VIBLK002



Tgt Ion:	180	Resp:	2339
Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.4	114.6
145	27.3	26.5	39.7

