

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080822\
 Data File : VU050136.D
 Acq On : 08 Aug 2022 15:27
 Operator : SY/MD
 Sample : N4022-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Aug 09 00:41:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 09 00:39:33 2022
 Response via : Initial Calibration

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

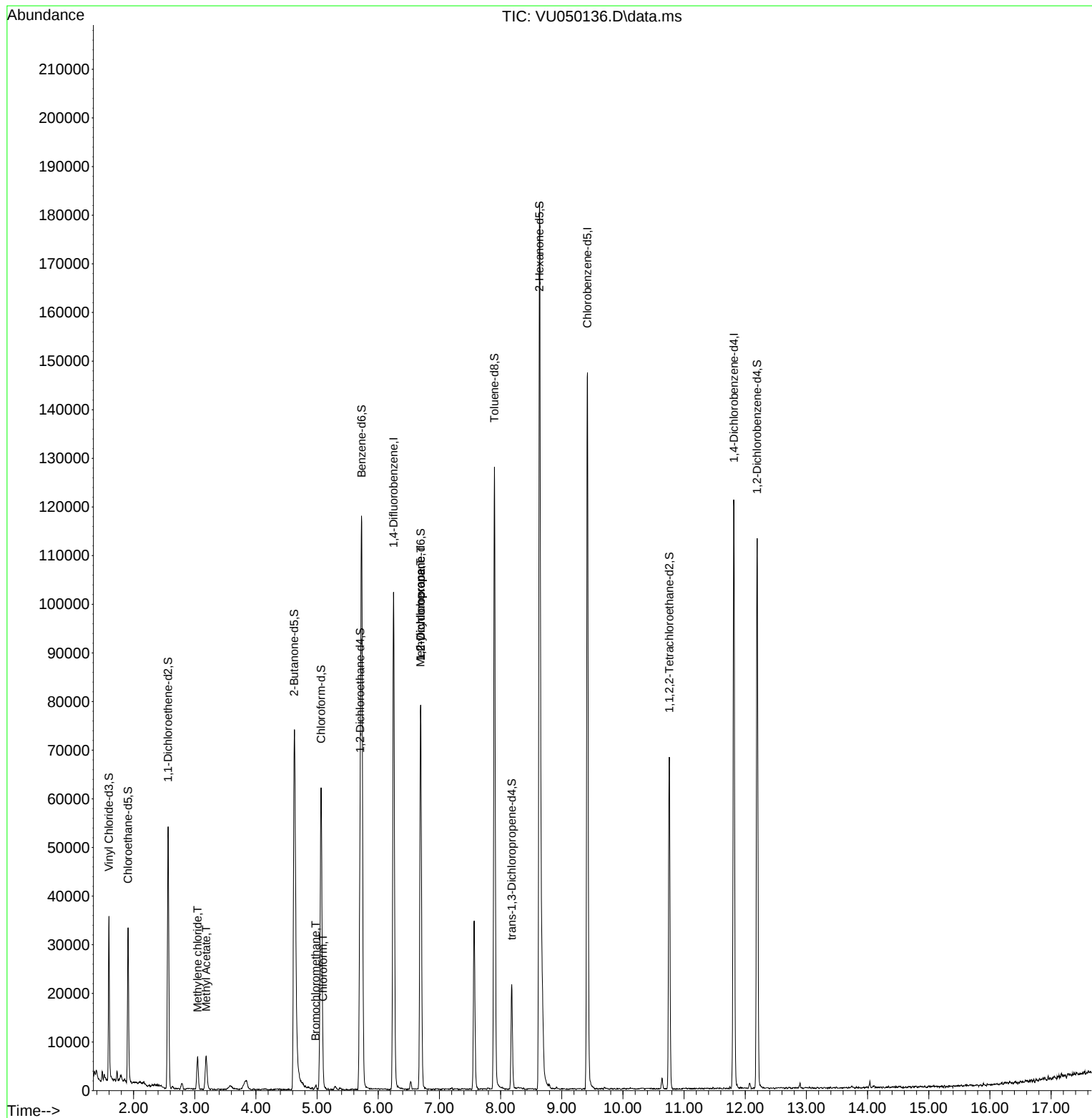
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	85883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	85751	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	32743	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	24483	3.426	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.909	69	23573	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.565	65	10125	3.625	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.626	46	96129	55.154	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.300%
24) Chloroform-d	5.067	84	59087	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.703	65	33235	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.729	84	109287	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.694	67	39533	4.486	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.800%
41) Toluene-d8	7.899	98	89908	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.182	79	13268	4.202	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.636	63	58912	52.609	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35864	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	31304	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.186	43	505	0.191	ug/L #	46
16) Methylene chloride	3.047	84	3179	0.350	ug/L	91
23) Bromochloromethane	4.977	128	266	0.075	ug/L #	81
25) Chloroform	5.096	83	289	0.022	ug/L	82
35) Methylcyclohexane	6.690	83	9053	0.965	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	3931	0.491	ug/L #	89

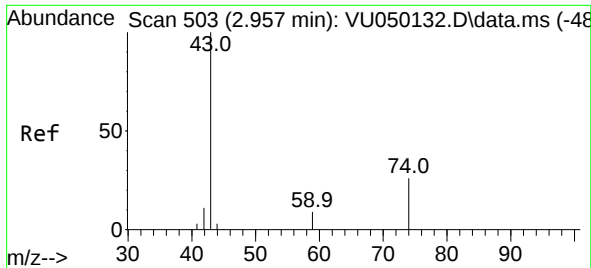
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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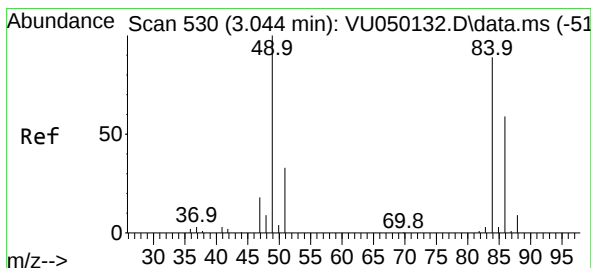
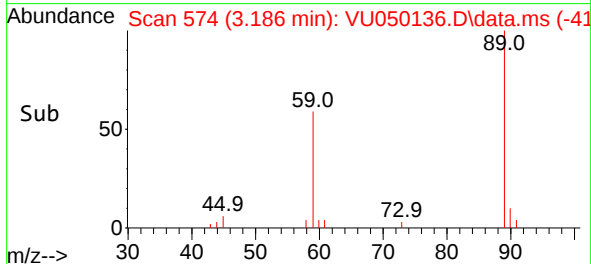
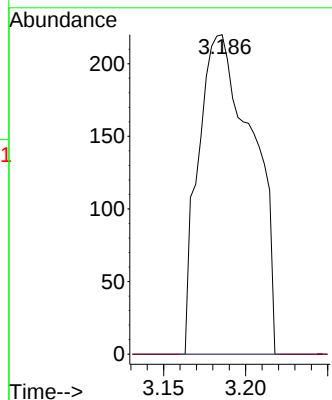
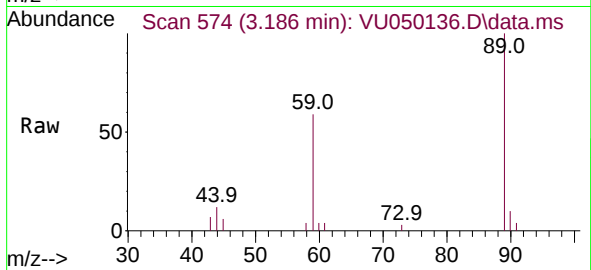




#15
Methyl Acetate
Concen: 0.191 ug/L
RT: 3.186 min Scan# 51
Delta R.T. 0.228 min
Lab File: VU050136.D
Acq: 08 Aug 2022 15:27

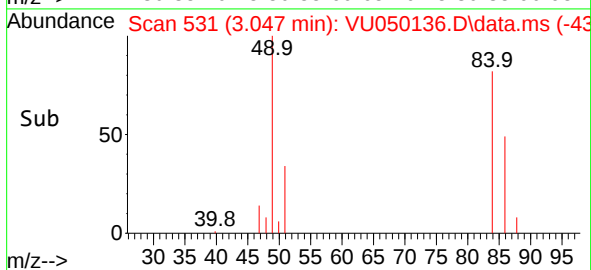
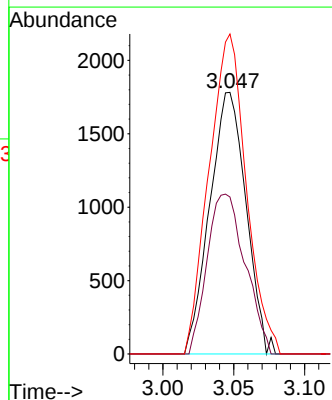
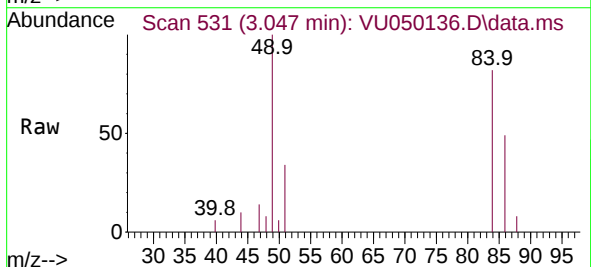
Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

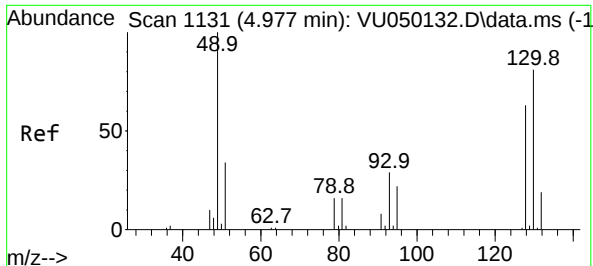
Tgt Ion: 43 Resp: 505
Ion Ratio Lower Upper
43 100
74 0.0 22.7 34.1#



#16
Methylene chloride
Concen: 0.350 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.003 min
Lab File: VU050136.D
Acq: 08 Aug 2022 15:27

Tgt Ion: 84 Resp: 3179
Ion Ratio Lower Upper
84 100
86 60.0 45.9 85.3
49 122.3 77.6 144.0





#23

Bromochloromethane

Concen: 0.075 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU050136.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

Tgt Ion:128 Resp: 266

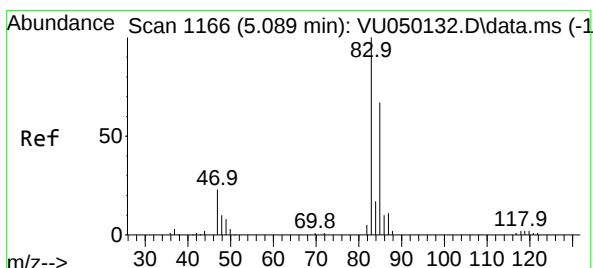
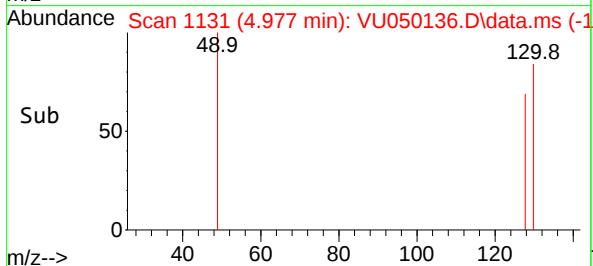
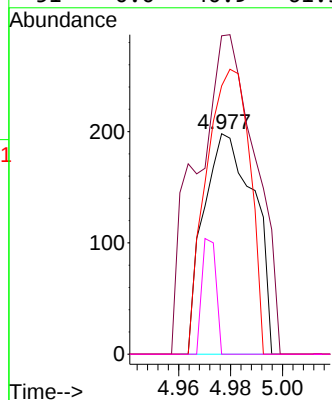
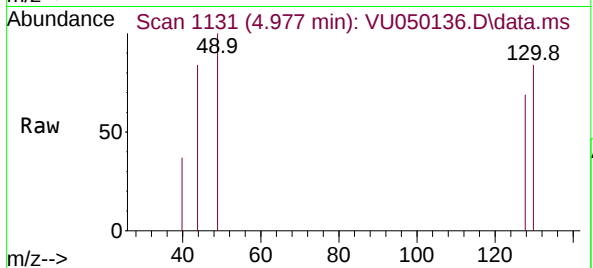
Ion Ratio Lower Upper

128 100

49 144.4 111.4 206.8

130 121.7 90.2 167.4

51 0.0 40.9 61.3#



#25

Chloroform

Concen: 0.022 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VU050136.D

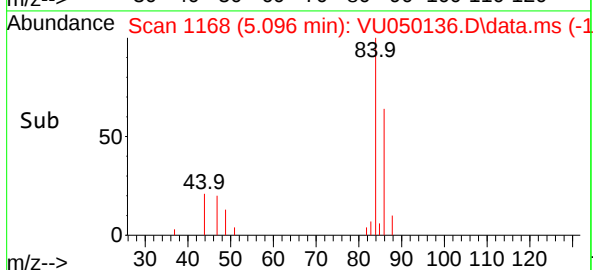
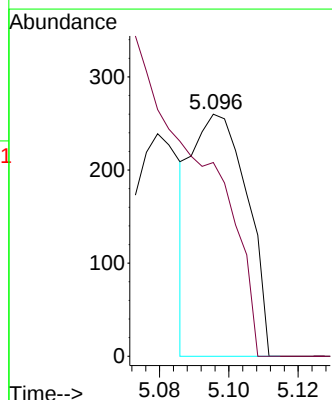
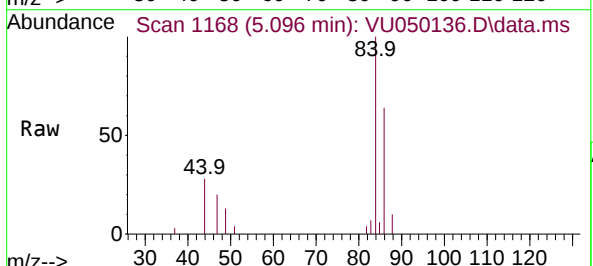
Acq: 08 Aug 2022 15:27

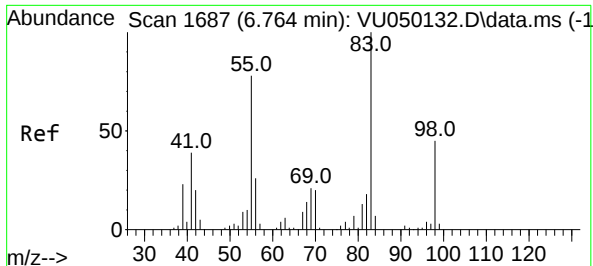
Tgt Ion: 83 Resp: 289

Ion Ratio Lower Upper

83 100

85 80.0 46.1 85.5





#35

Methylcyclohexane

Concen: 0.965 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU050136.D

Acq: 08 Aug 2022 15:27

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

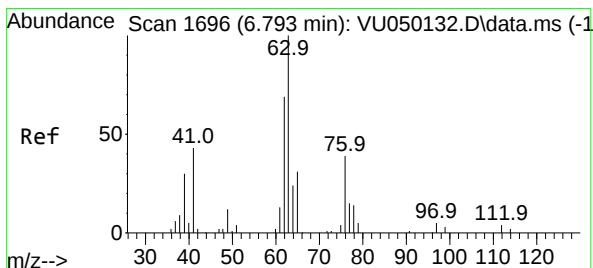
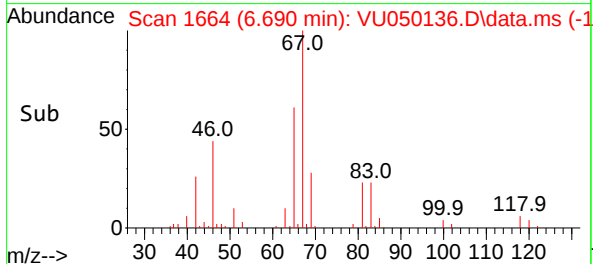
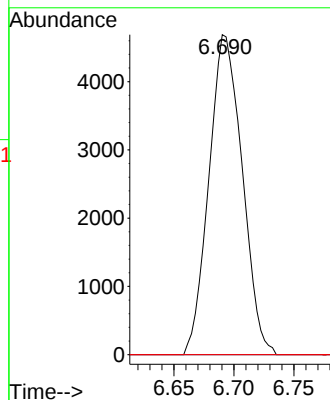
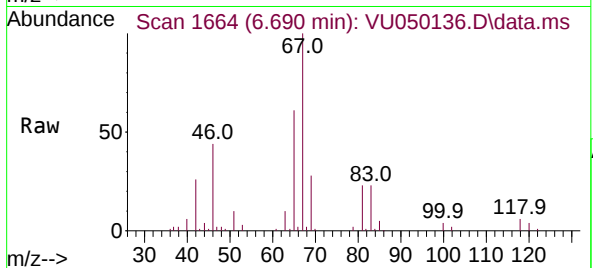
Tgt Ion: 83 Resp: 9053

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.7 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.491 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.100 min

Lab File: VU050136.D

Acq: 08 Aug 2022 15:27

Tgt Ion: 63 Resp: 3931

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#

