

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050724\
 Data File : VU058839.D
 Acq On : 07 May 2024 12:09
 Operator : MD/SY
 Sample : P2392-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ2DL

Quant Time: May 08 04:55:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 08 04:54:32 2024
 Response via : Initial Calibration

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

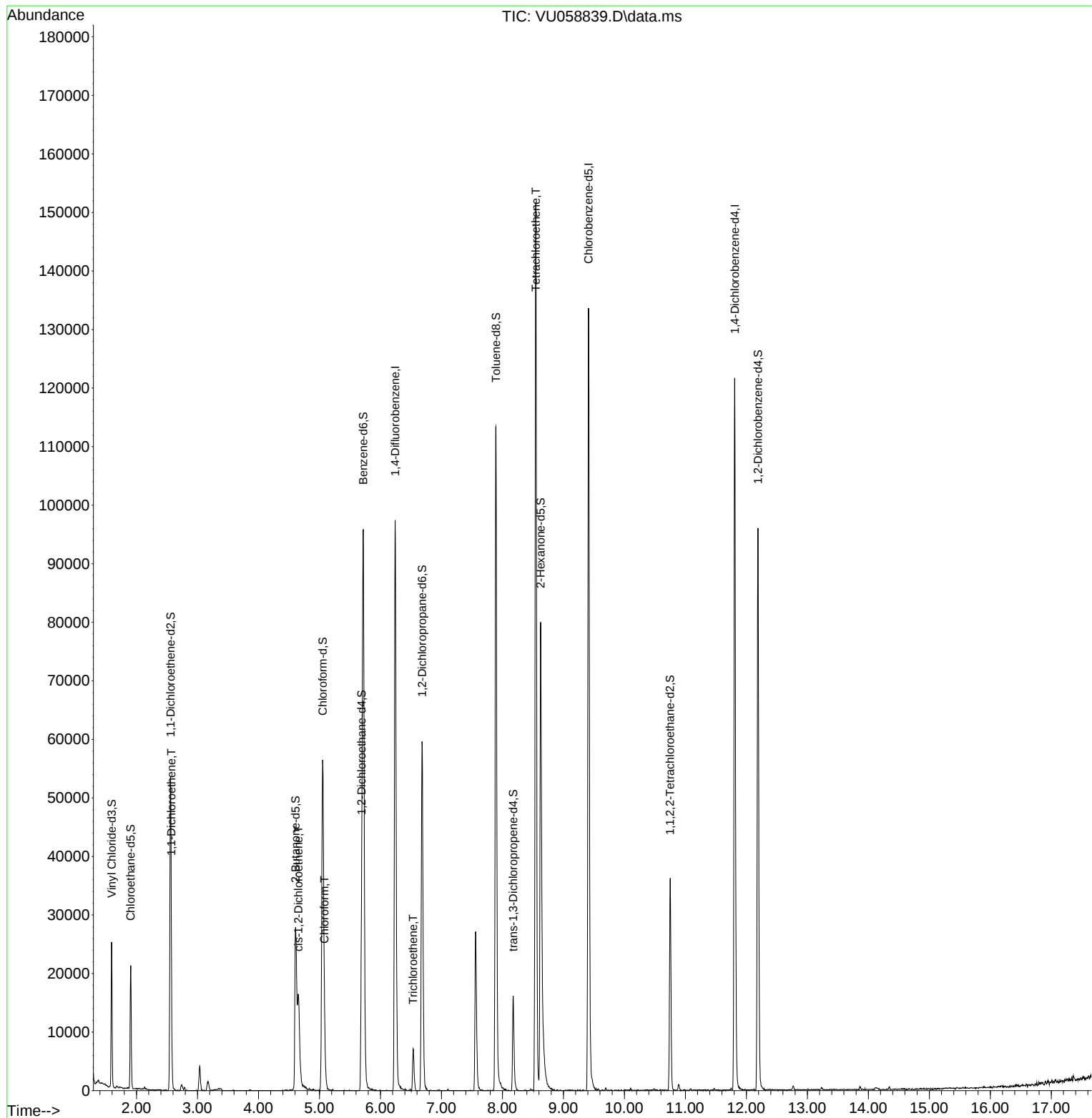
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	78129	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74741	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	33099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	16545	2.692	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.800%
7) Chloroethane-d5	1.904	69	14558	3.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.800%#
11) 1,1-Dichloroethene-d2	2.560	65	10327	3.338	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.608	46	40426	37.441	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.880%
24) Chloroform-d	5.052	84	52552	4.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
26) 1,2-Dichloroethane-d4	5.692	65	26400	4.335	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.718	84	87905	3.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.682	67	25863	3.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.800%
41) Toluene-d8	7.894	98	77536	3.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.177	79	9844	3.810	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.624	63	27496	35.918	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.840%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	17024	3.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	25345	4.393	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	1446	0.254	ug/L #	1
22) cis-1,2-Dichloroethene	4.657	96	6843	1.093	ug/L	89
25) Chloroform	5.081	83	8206	0.654	ug/L	93
34) Trichloroethene	6.537	95	2475	0.352	ug/L	93
47) Tetrachloroethene	8.547	164	32864	6.655	ug/L	96

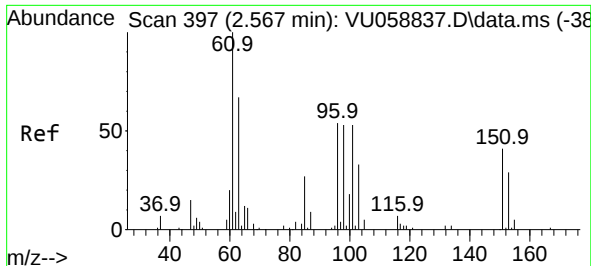
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 08 04:54:32 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.254 ug/L

RT: 2.570 min Scan# 397

Delta R.T. 0.003 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

Instrument :

MSVOA_U

ClientSampleId :

BHAQ2DL

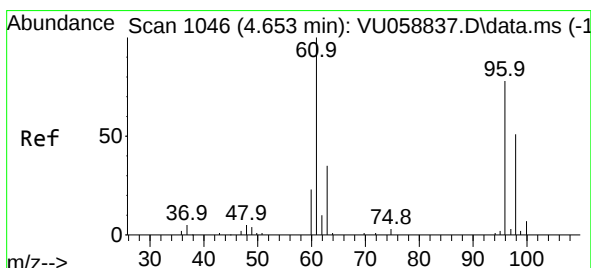
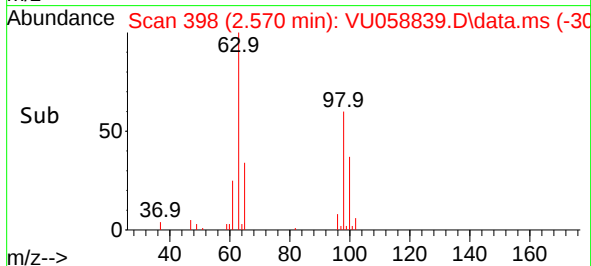
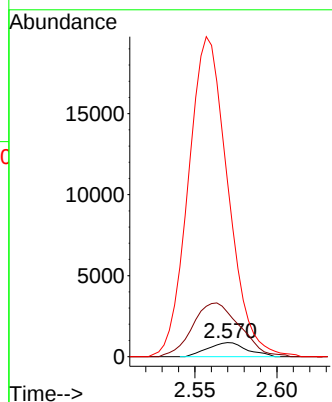
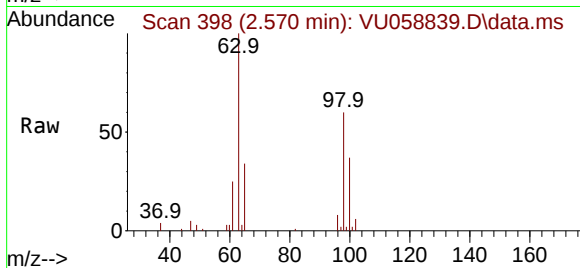
Tgt Ion: 96 Resp: 1446

Ion Ratio Lower Upper

96 100

61 314.8 135.3 251.3#

63 1245.4 91.9 170.7#



#22

cis-1,2-Dichloroethene

Concen: 1.093 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

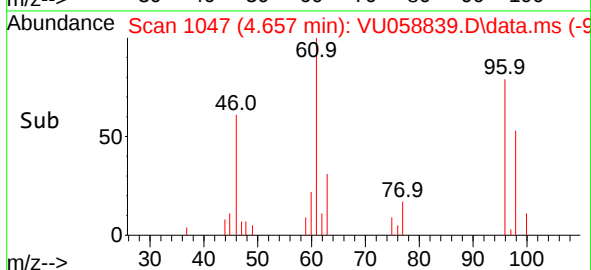
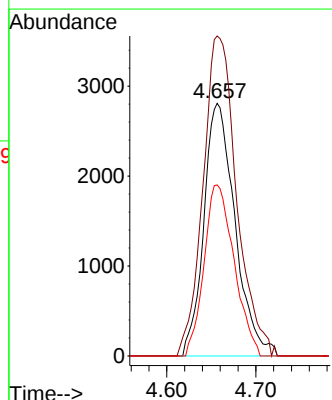
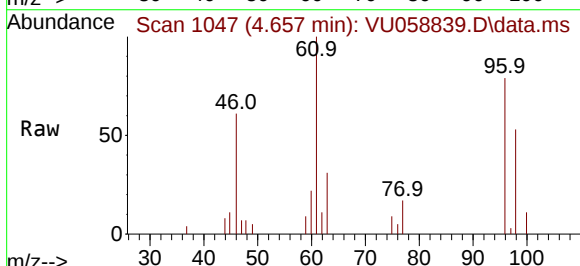
Tgt Ion: 96 Resp: 6843

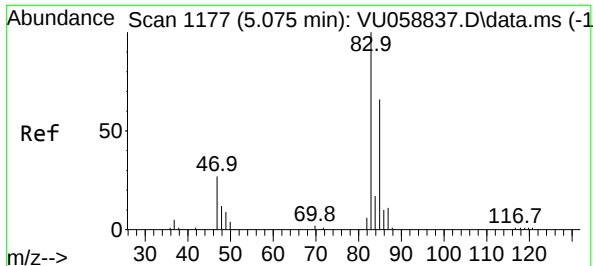
Ion Ratio Lower Upper

96 100

61 126.7 100.4 186.4

98 67.7 45.1 83.7





#25

Chloroform

Concen: 0.654 ug/L

RT: 5.081 min Scan# 1177

Delta R.T. 0.006 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

Instrument :

MSVOA_U

ClientSampleId :

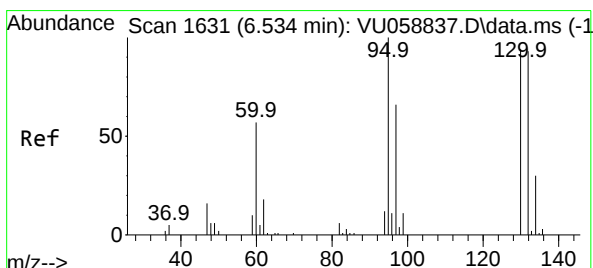
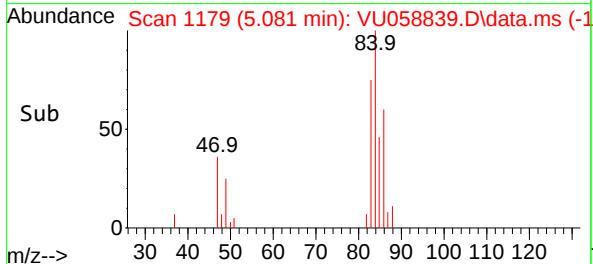
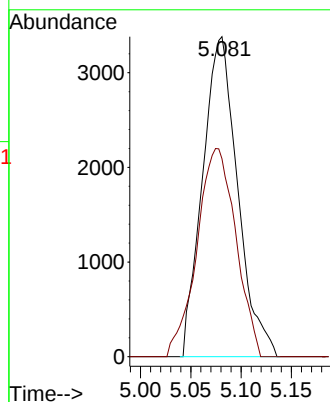
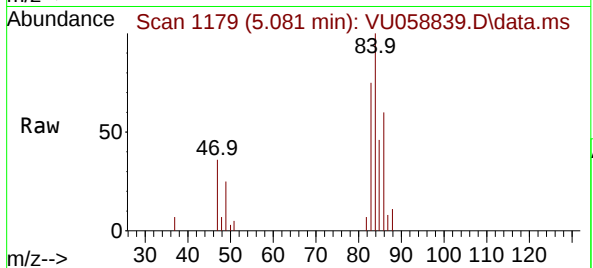
BHAQ2DL

Tgt Ion: 83 Resp: 8206

Ion Ratio Lower Upper

83 100

85 61.9 47.0 87.4



#34

Trichloroethene

Concen: 0.352 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU058839.D

Acq: 07 May 2024 12:09

Tgt Ion: 95 Resp: 2475

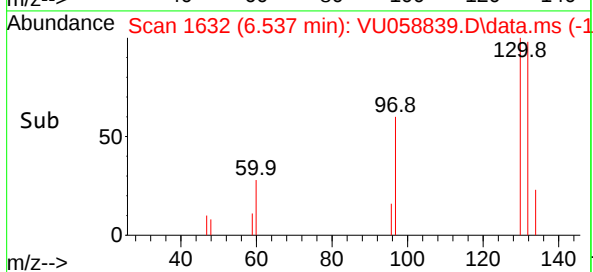
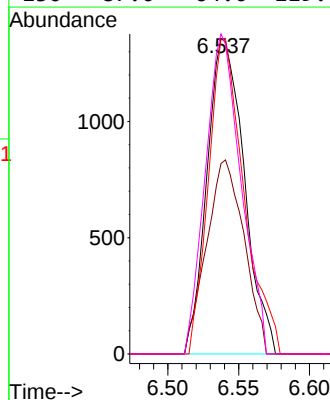
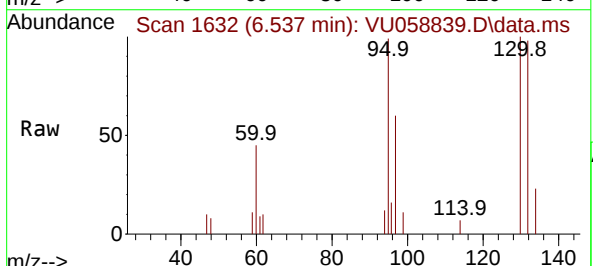
Ion Ratio Lower Upper

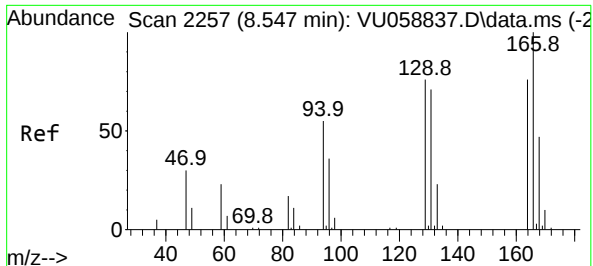
95 100

97 51.8 44.4 82.4

132 85.6 61.6 114.4

130 87.0 64.0 119.0





#47
 Tetrachloroethene
 Concen: 6.655 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU058839.D
 Acq: 07 May 2024 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ2DL

Tgt Ion:164	Resp:	32864
Ion	Ratio	Lower Upper
164	100	
129	97.1	71.5 132.9
131	96.1	65.0 120.6
166	125.0	89.5 166.1

