

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052021\
 Data File : VU043867.D
 Acq On : 20 May 2021 16:02
 Operator : SY/MD
 Sample : M2464-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: May 21 01:19:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 21 01:15:23 2021
 Response via : Initial Calibration

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

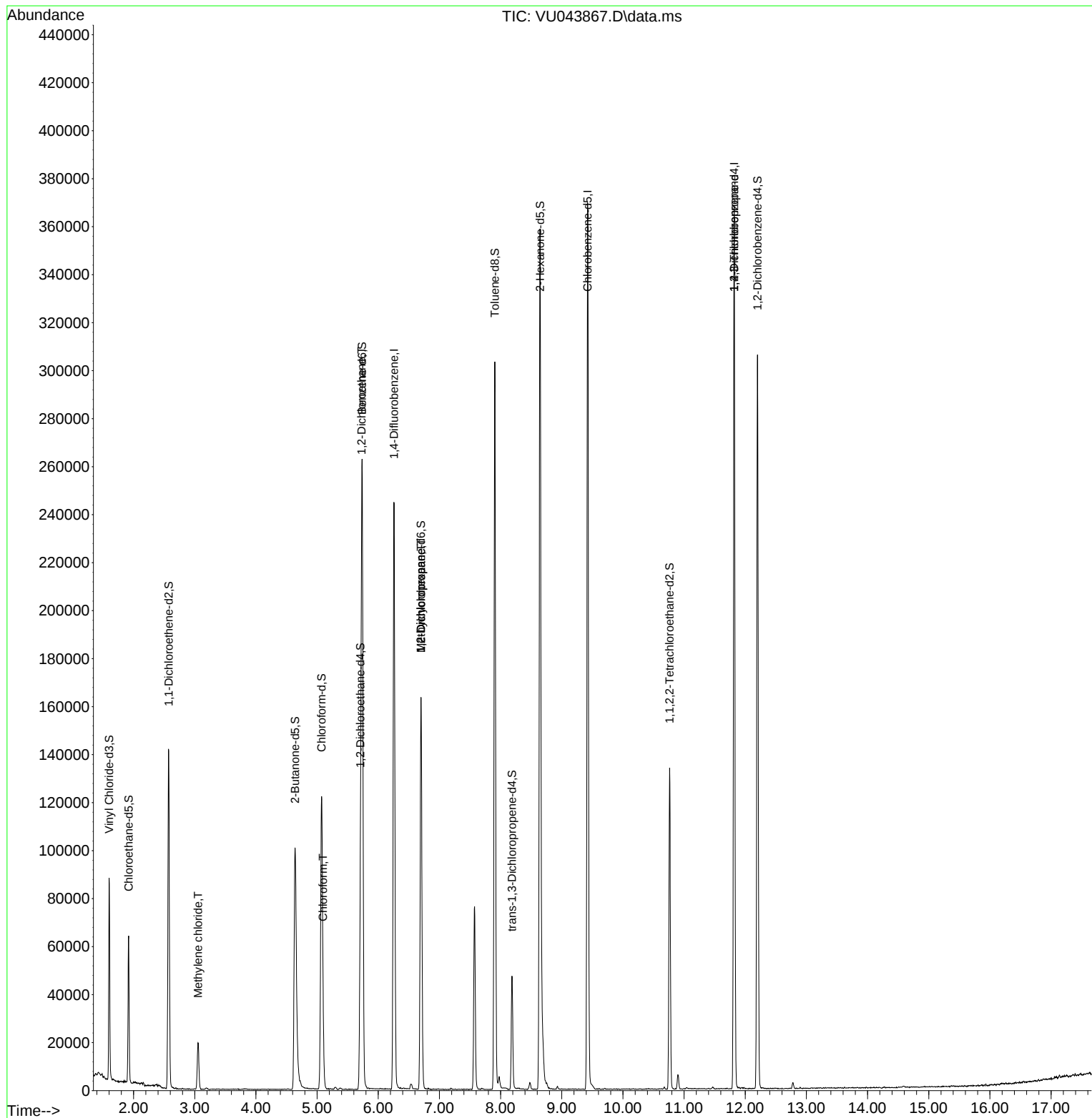
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	206098	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	215806	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	102258	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	60174	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.919	69	43536	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.575	65	26522	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.639	46	166074	57.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.94%
24) Chloroform-d	5.073	84	115136	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.710	65	63356	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.735	84	250303	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.700	67	80982	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.906	98	207503	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloroprop...	8.186	79	26705	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.645	63	128098	43.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.72%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	67556	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	87880	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.054	84	9816	0.49	ug/L	93
25) Chloroform	5.096	83	13891	0.54	ug/L	95
27) 1,2-Dichloroethane	5.729	62	1191	0.08	ug/L #	74
35) Methylcyclohexane	6.700	83	18392	0.74	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	7936	0.49	ug/L #	88
61) 1,2,3-Trichloropropane	11.819	75	10646	1.09	ug/L #	71

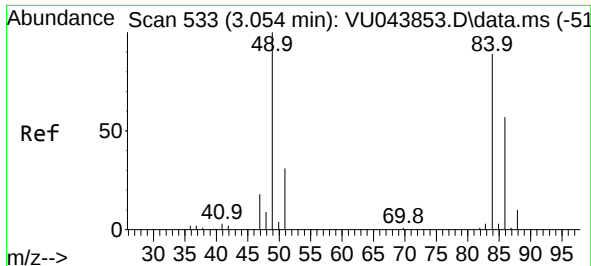
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri May 21 01:15:23 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.49 ug/L

RT: 3.054 min Scan# 533

Delta R.T. 0.000 min

Lab File: VU043867.D

Acq: 20 May 2021 16:02

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

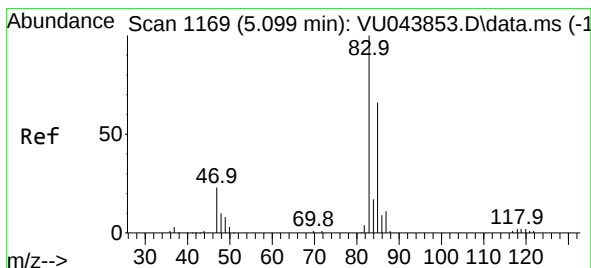
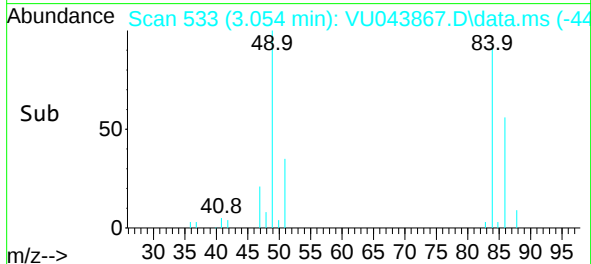
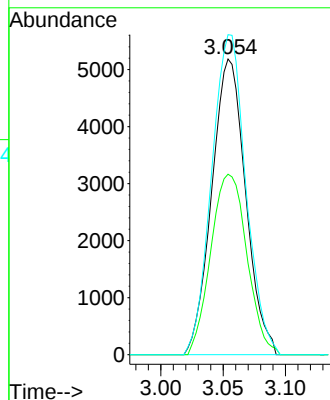
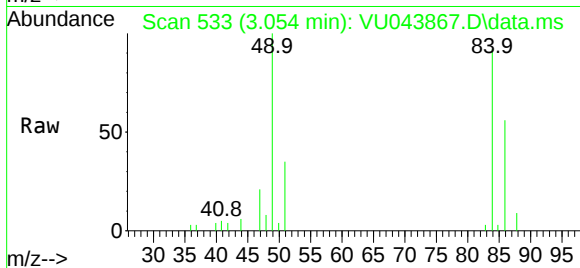
Tgt Ion: 84 Resp: 9816

Ion Ratio Lower Upper

84 100

86 61.1 44.7 82.9

49 108.2 83.1 154.3



#25

Chloroform

Concen: 0.54 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU043867.D

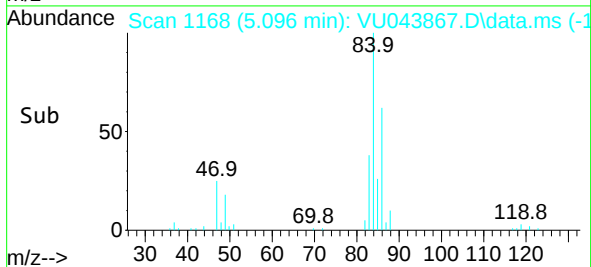
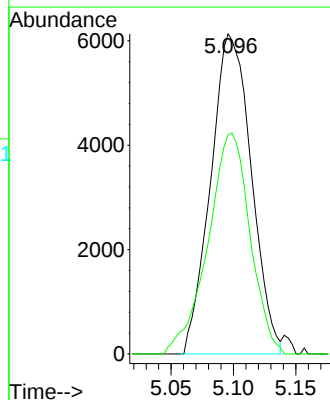
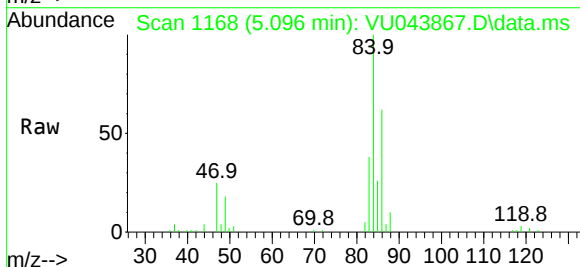
Acq: 20 May 2021 16:02

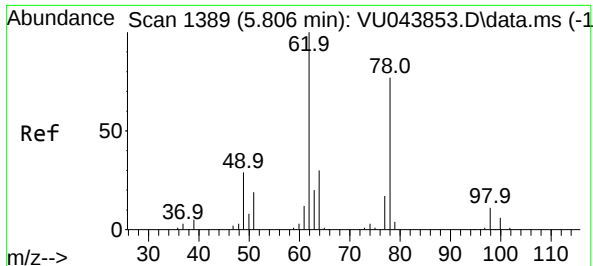
Tgt Ion: 83 Resp: 13891

Ion Ratio Lower Upper

83 100

85 68.5 45.0 83.6





#27

1,2-Dichloroethane

Concen: 0.08 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.077 min

Lab File: VU043867.D

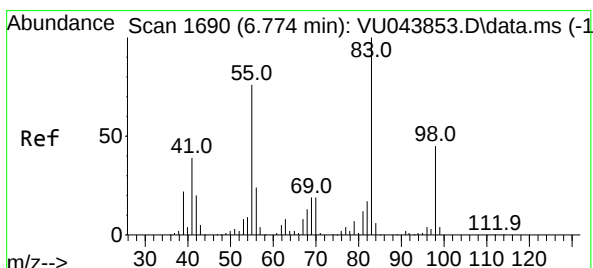
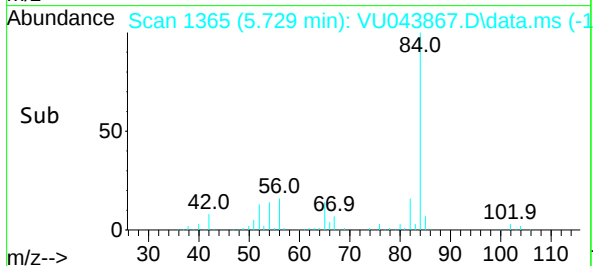
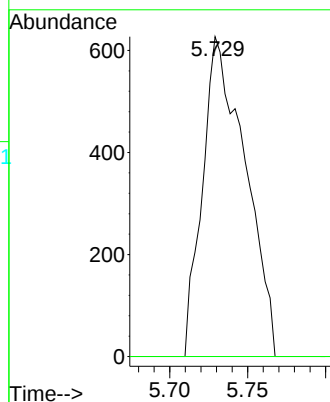
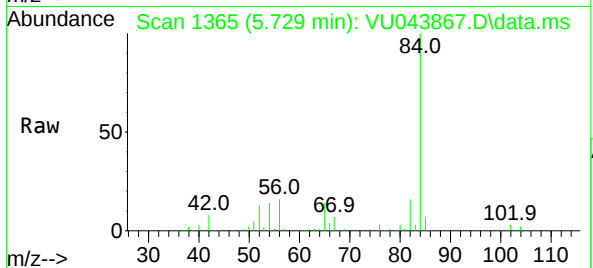
Acq: 20 May 2021 16:02

Tgt Ion: 62 Resp: 1191

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



#35

Methylcyclohexane

Concen: 0.74 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.074 min

Lab File: VU043867.D

Acq: 20 May 2021 16:02

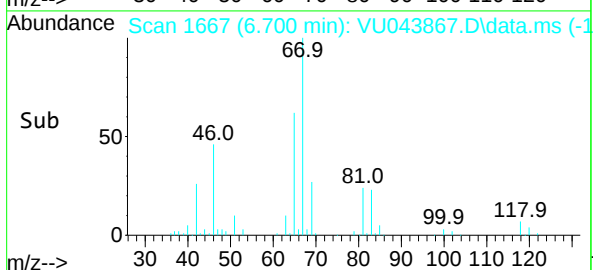
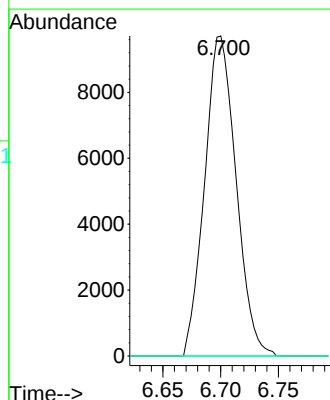
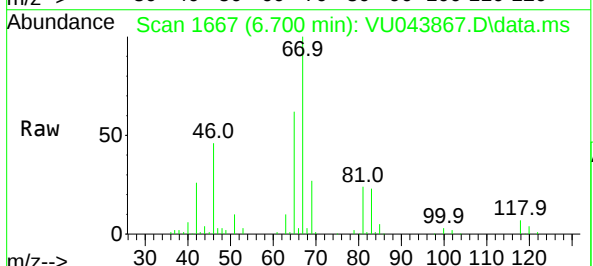
Tgt Ion: 83 Resp: 18392

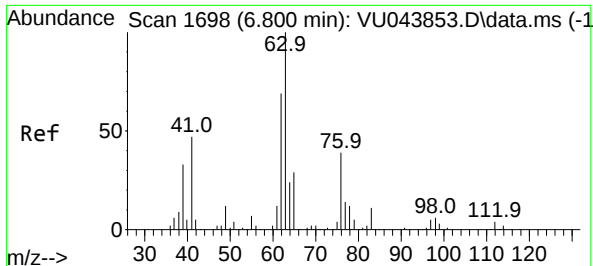
Ion Ratio Lower Upper

83 100

55 0.0 64.8 97.2#

98 0.1 35.9 53.9#



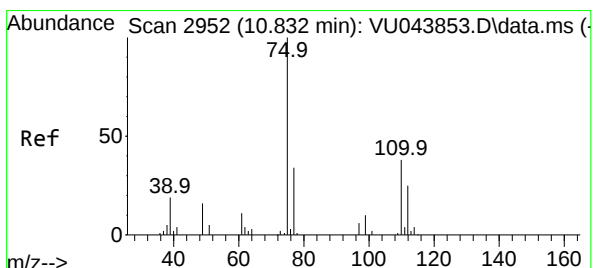
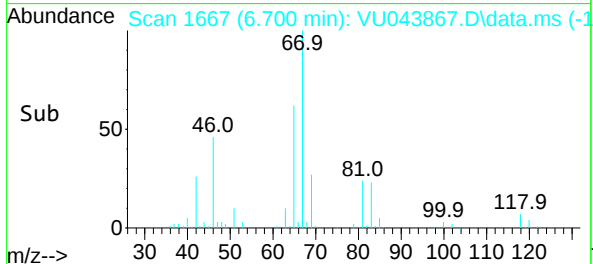
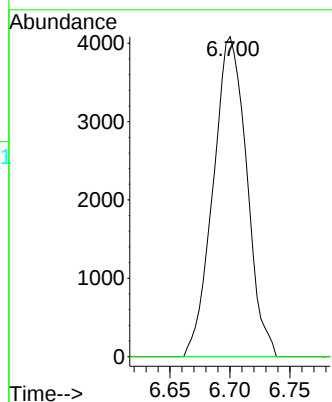
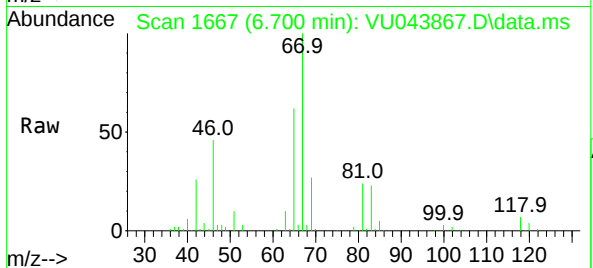


#37

1,2-Dichloropropane
Concen: 0.49 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043867.D
Acq: 20 May 2021 16:02

Instrument :
MSVOA_U
ClientSampled :
VHBLK001

Tgt Ion: 63 Resp: 7936
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043867.D
Acq: 20 May 2021 16:02

Tgt Ion: 75 Resp: 10646
Ion Ratio Lower Upper
75 100
110 2.6 27.9 41.9#
77 33.0 25.9 38.9

