

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014327.D
 Acq On : 17 Jan 2020 10:50
 Operator : SY/MD
 Sample : L1169-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF759

Quant Time: Jan 17 22:53:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	938280	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	847461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	382979	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	222986	3.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.00%
7) Chloroethane-d5	1.58	69	193221	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.20%
11) 1,1-Dichloroethene-d2	2.13	63	283004	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.95	46	525678	33.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.66%
24) Chloroform-d	4.40	84	502767	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
26) 1,2-Dichloroethane-d4	5.08	65	251151	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	5.09	84	1070875	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.11	67	338884	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.35	98	961276	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.66	79	131376	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	8.13	63	573987	39.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	227366	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	306548	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

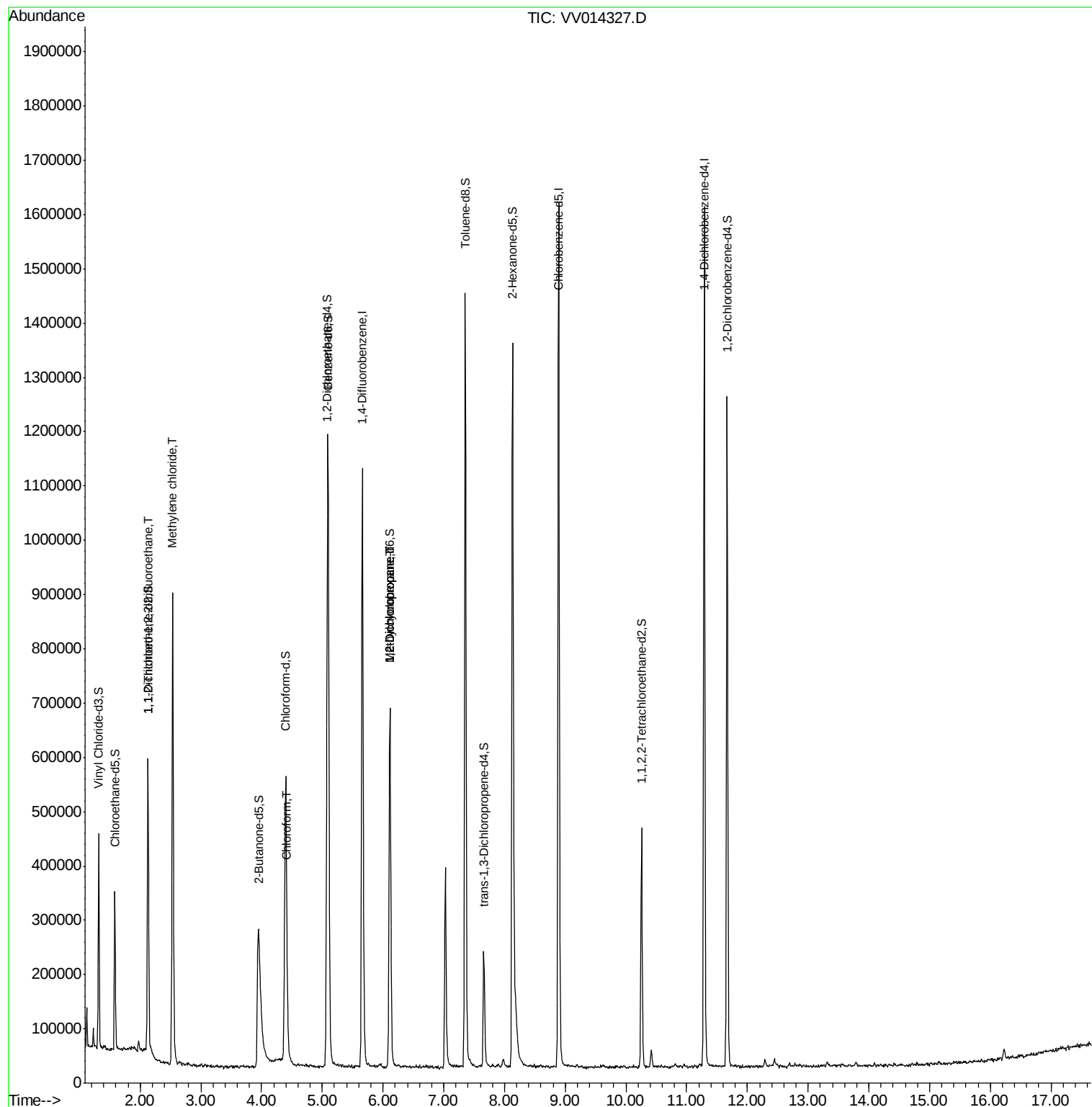
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3477	0.083 ug/L #	26
16) Methylene chloride	2.53	84	369121	5.409 ug/L	93
25) Chloroform	4.42	83	21271	0.180 ug/L	89
35) Methylcyclohexane	6.11	83	77973	0.711 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	35796	0.543 ug/L #	89

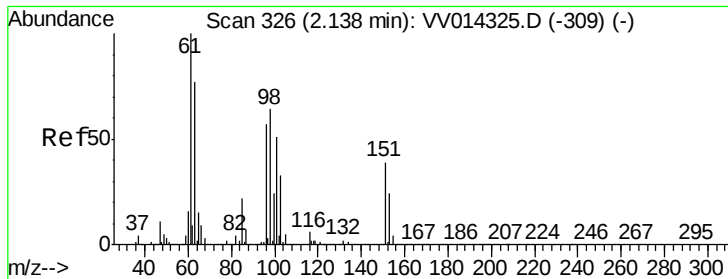
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.083 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014327.D

Acq: 17 Jan 2020 10:50

Instrument :

MSVOA_V

ClientSampled :

BF759

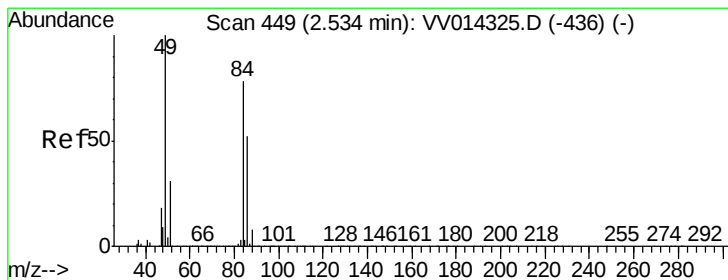
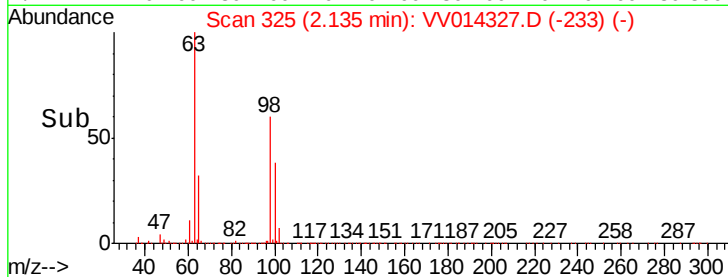
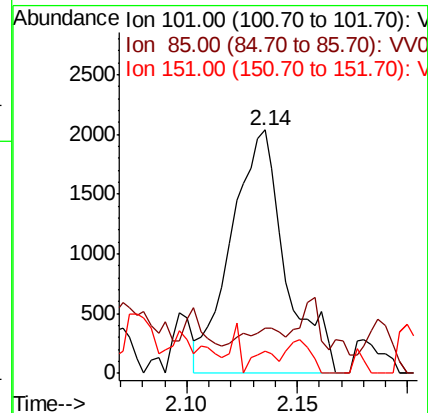
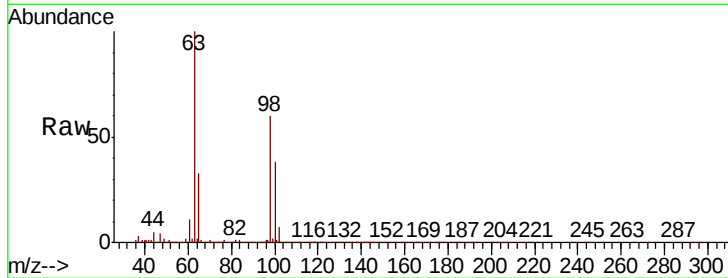
Tot Ion:101 Resp: 3477

Ion Ratio Lower Upper

101 100

85 9.4 34.9 52.3#

151 3.3 62.5 93.7#



#16

Methylene chloride

Concen: 5.409 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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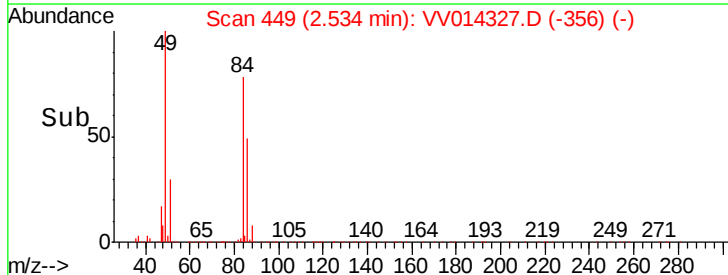
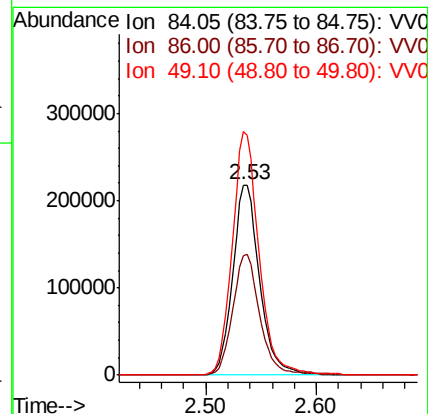
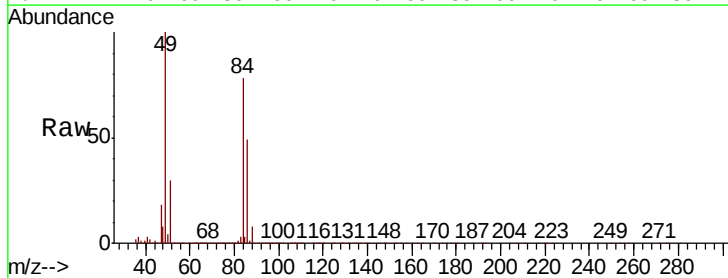
Tgt Ion: 84 Resp: 369121

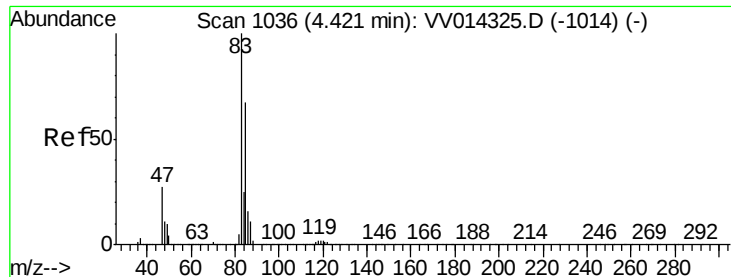
Ion Ratio Lower Upper

84 100

86 62.6 43.1 80.1

49 128.1 82.1 152.5





#25

Chloroform

Concen: 0.180 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

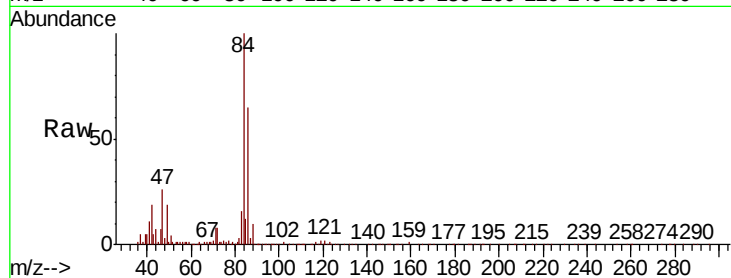
BF759

Tot Ion: 83 Resp: 21271

Ion Ratio Lower Upper

83 100

85 74.9 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

8000

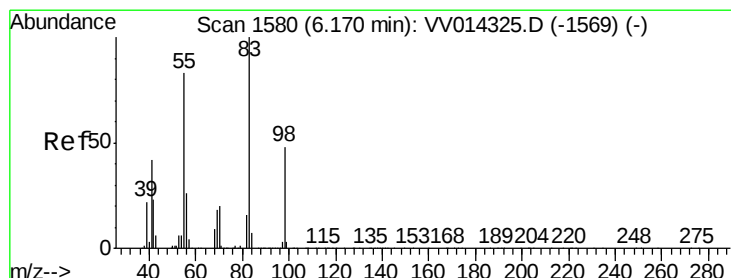
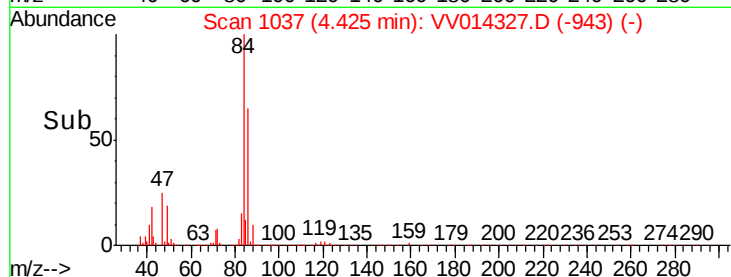
6000

4000

2000

0

Time--> 4.30 4.40 4.50



#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014327.D

Acq: 17 Jan 2020 10:50

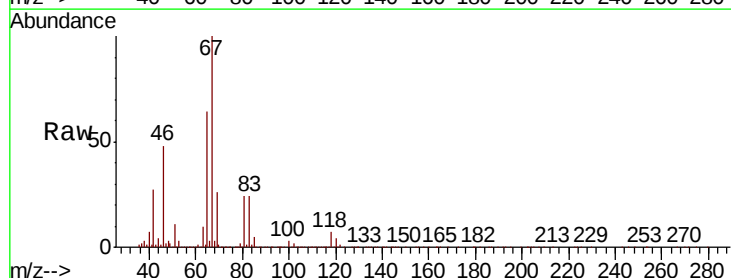
Tgt Ion: 83 Resp: 77973

Ion Ratio Lower Upper

83 100

55 1.3 61.7 92.5#

98 0.7 38.1 57.1#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

50000

40000

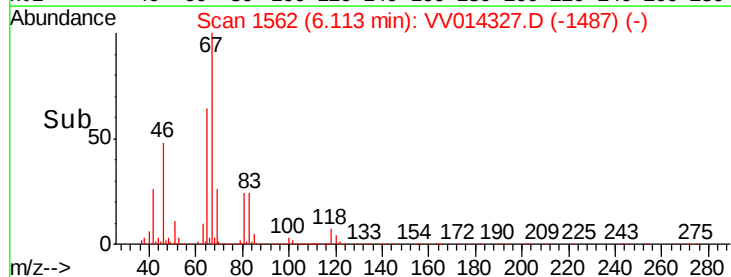
30000

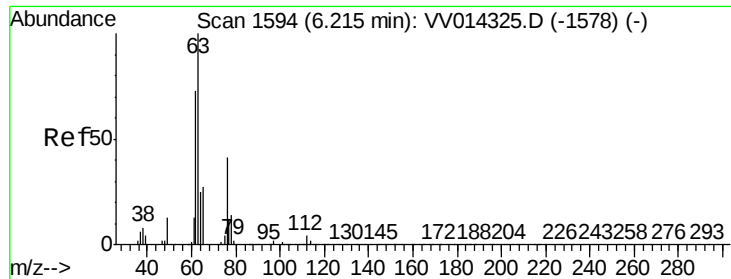
20000

10000

0

Time--> 6.05 6.10 6.15 6.20





#37
 1,2-Dichloropropane
 Concen: 0.543 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014327.D
 Acq: 17 Jan 2020 10:50

Instrument :
 MSVOA_V
 ClientSampleId :
 BF759

Tot Ion: 63 Resp: 35796
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.7 5.5#

