

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011119\
 Data File : VU029137.D
 Acq On : 11 Jan 2019 12:43
 Operator : MD/SY
 Sample : K1110-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEJF8

Quant Time: Jan 11 22:47:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 11 22:10:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	121120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	120453	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38509	5.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.80%
7) Chloroethane-d5	1.68	69	32917	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.40%
11) 1,1-Dichloroethene-d2	2.27	63	53158	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.21	46	104240	61.53	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.06%
24) Chloroform-d	4.65	84	71962	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.31	65	37611	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.34	84	148336	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.33	67	51631	5.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.80%
41) Toluene-d8	7.56	98	128149	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	17558	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.31	63	87890	56.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	39325	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	46463	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

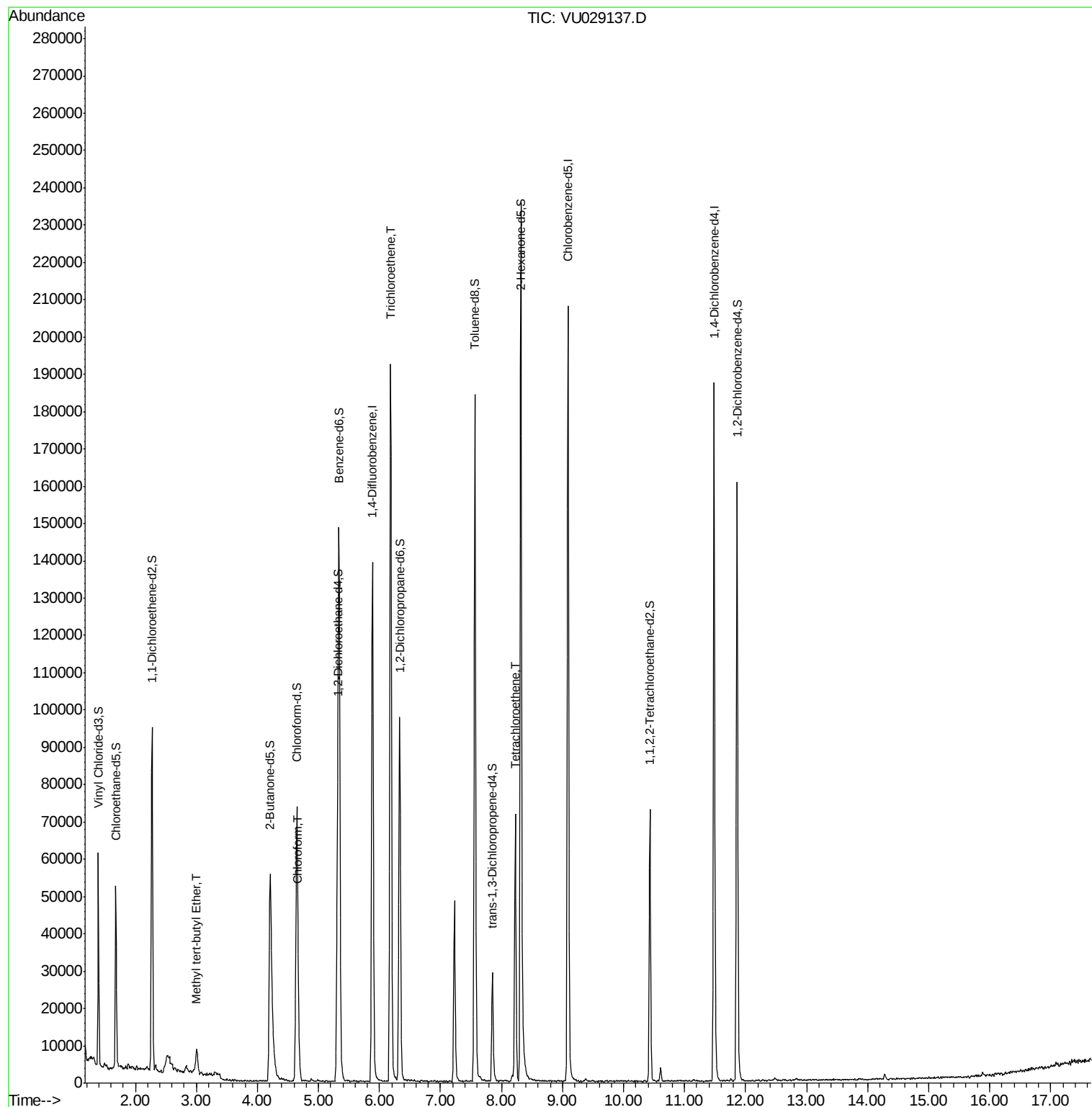
					Qvalue
17) Methyl tert-butyl Ether	3.00	73	7085	0.333 ug/L #	90
25) Chloroform	4.67	83	10093	0.657 ug/L	97
34) Trichloroethene	6.18	95	67986	6.904 ug/L	98
47) Tetrachloroethene	8.22	164	16686	2.046 ug/L	98

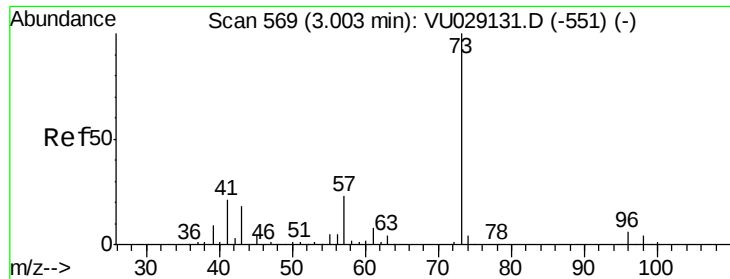
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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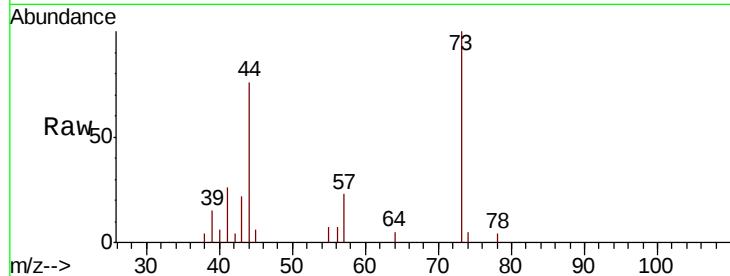




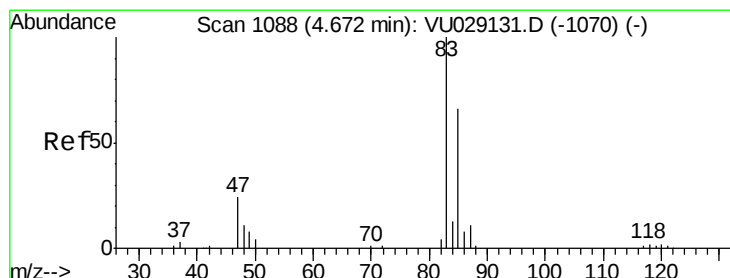
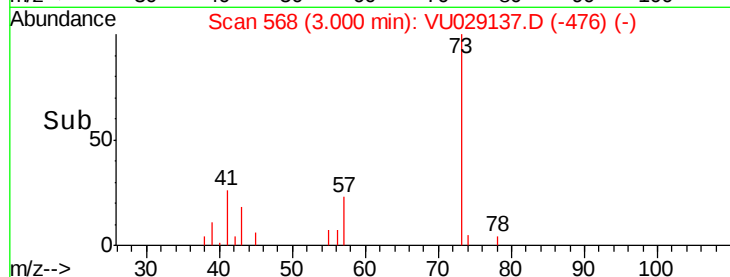
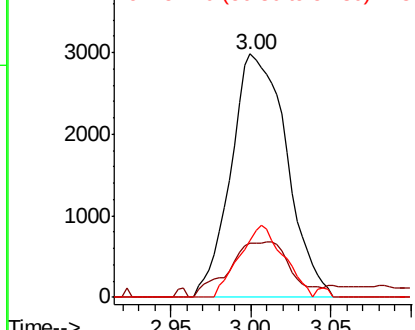
#17
Methyl tert-butyl Ether
Concen: 0.333 ug/L
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU029137.D
Acq: 11 Jan 2019 12:43

Instrument :
MSVOA_U
ClientSampleId :
BEJF8

Tgt Ion: 73 Resp: 7085
Ion Ratio Lower Upper
73 100
43 25.4 13.8 20.8#
57 23.5 17.5 26.3

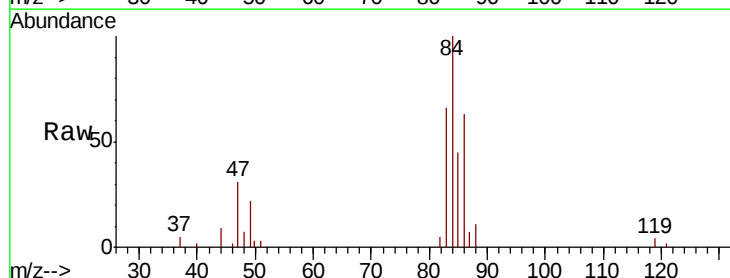


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

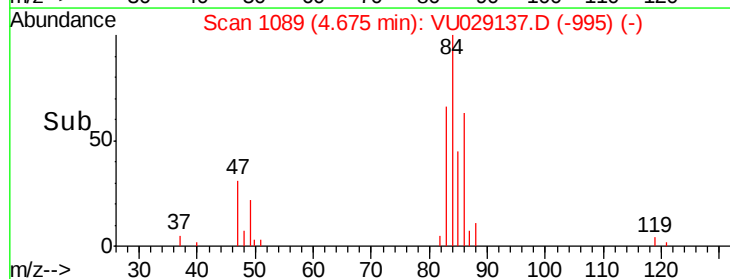
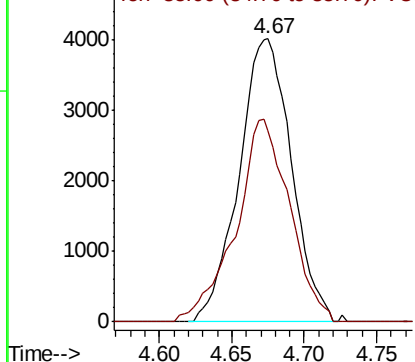


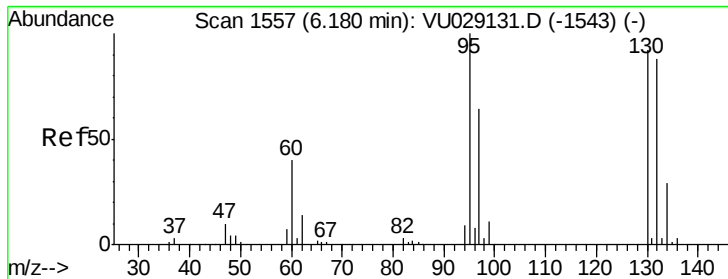
#25
Chloroform
Concen: 0.657 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU029137.D
Acq: 11 Jan 2019 12:43

Tgt Ion: 83 Resp: 10093
Ion Ratio Lower Upper
83 100
85 67.6 45.6 84.8



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 6.904 ug/L

RT: 6.18 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VU029137.D

Acq: 11 Jan 2019 12:43

Instrument :

MSVOA_U

ClientSampleId :

BEJF8

Tgt Ion: 95 Resp: 67986

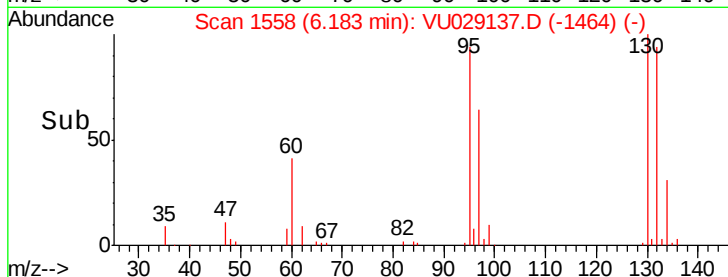
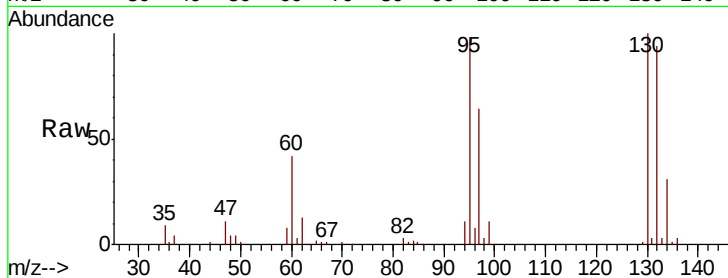
Ion Ratio Lower Upper

95 100

97 64.7 45.4 84.2

132 95.3 70.8 131.6

130 101.5 70.7 131.3



Abundance Ion 95.00 (94.70 to 95.70): VU029137.D (-1464) (-)

Ion 96.95 (96.65 to 97.65): VU029137.D (-1464) (-)

Ion 131.95 (131.65 to 132.65): VU029137.D (-1464) (-)

Ion 129.95 (129.65 to 130.65): VU029137.D (-1464) (-)

Time-->

6.10 6.15 6.20 6.25

Abundance

50000

40000

30000

20000

10000

0

Time-->

6.10 6.15 6.20 6.25

Abundance

50000

40000

30000

20000

10000

0

Time-->

6.10 6.15 6.20 6.25

Abundance

50000

40000

30000

20000

10000

0

Time-->

6.10 6.15 6.20 6.25

Abundance

50000

40000

30000

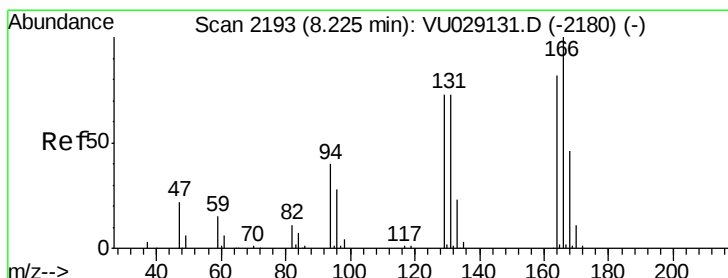
20000

10000

0

Time-->

6.10 6.15 6.20 6.25



#47

Tetrachloroethene

Concen: 2.046 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU029137.D

Acq: 11 Jan 2019 12:43

Tgt Ion: 164 Resp: 16686

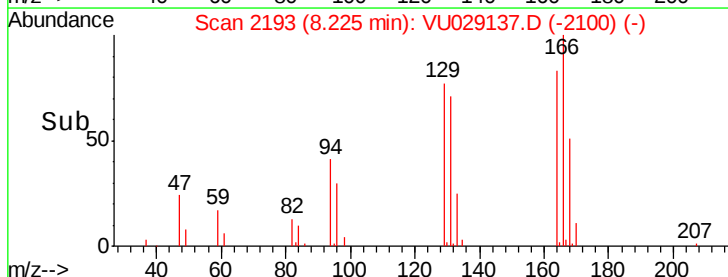
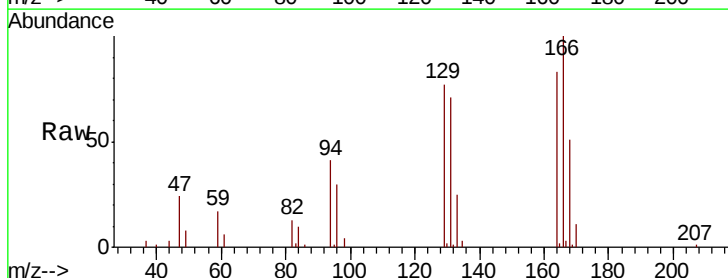
Ion Ratio Lower Upper

164 100

129 92.7 65.3 121.3

131 86.2 62.9 116.7

166 120.6 86.7 160.9



Abundance Ion 163.90 (163.60 to 164.60): VU029137.D (-2100) (-)

Ion 128.95 (128.65 to 129.65): VU029137.D (-2100) (-)

Ion 130.95 (130.65 to 131.65): VU029137.D (-2100) (-)

Ion 165.90 (165.60 to 166.60): VU029137.D (-2100) (-)

Time-->

8.15 8.20 8.25 8.30

Abundance

15000

10000

5000

0

Time-->

8.15 8.20 8.25 8.30

Abundance

15000

10000

5000

0

Time-->

8.15 8.20 8.25 8.30