

Data File : VV011675.D
Acq On : 21 Jun 2019 10:56
Operator : SY/MD
Sample : VV0622WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK40

Quant Time: Jun 22 04:13:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	162383	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62722	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	52010	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	42113	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.12	63	83402	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.97	46	158796	55.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.86%
24) Chloroform-d	4.40	84	104495	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.08	65	62526	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.09	84	225116	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.12	67	70842	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	7.36	98	195230	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.67	79	21573	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	115998	53.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47536	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	64965	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

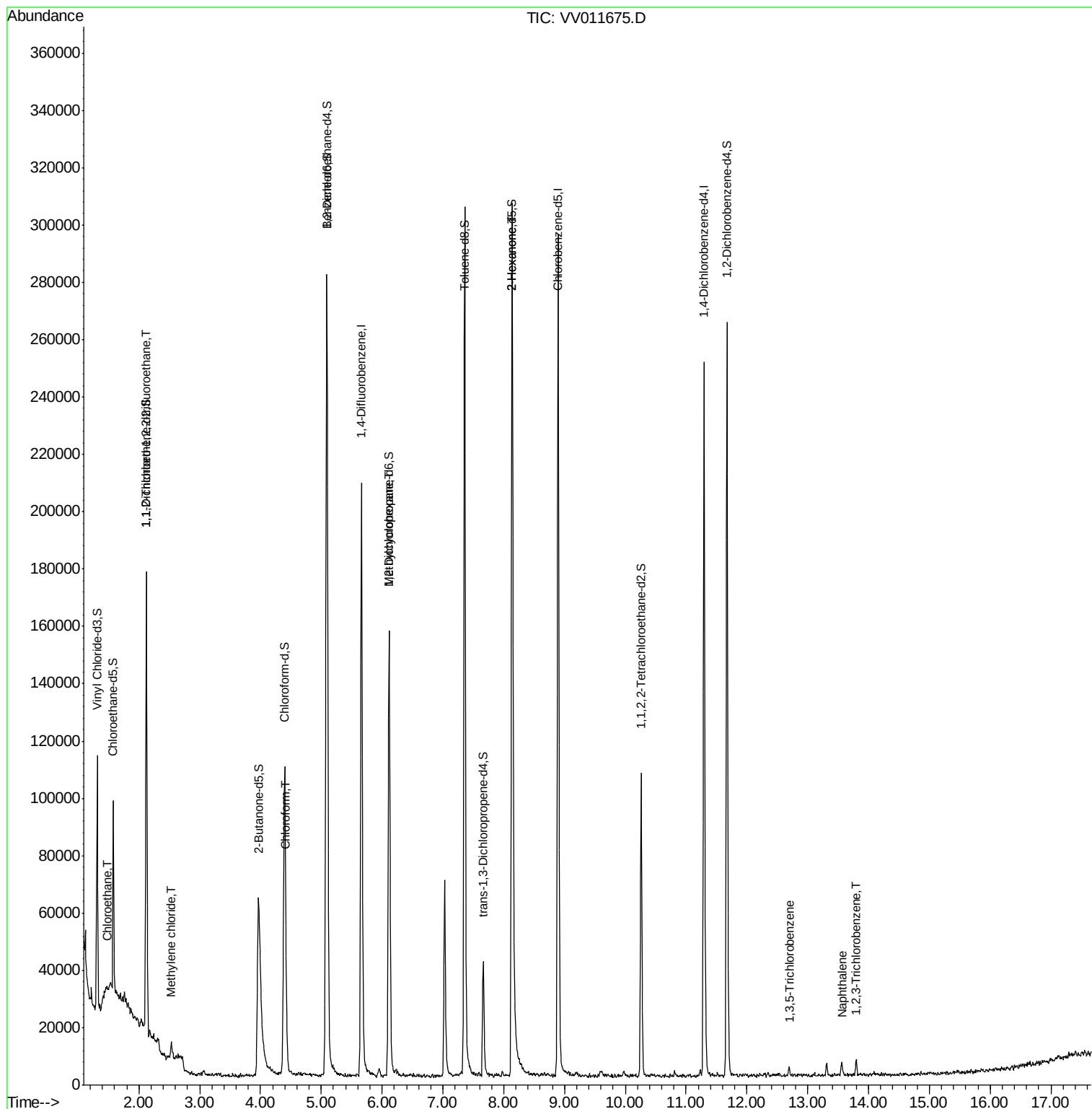
					Qvalue
8) Chloroethane	1.48	64	36660	4.672 ug/L #	55
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1152	0.105 ug/L #	21
16) Methylene chloride	2.53	84	1648	0.147 ug/L	84
25) Chloroform	4.42	83	7822	0.303 ug/L	95
35) Methylcyclohexane	6.11	83	17375	0.796 ug/L #	15
48) 2-Hexanone	8.14	43	15569	2.726 ug/L #	69
67) 1,3,5-Trichlorobenzene	12.69	180	753	0.048 ug/L	90
69) Naphthalene	13.56	128	3244	0.163 ug/L #	97
70) 1,2,3-Trichlorobenzene	13.80	180	1294	0.114 ug/L	87

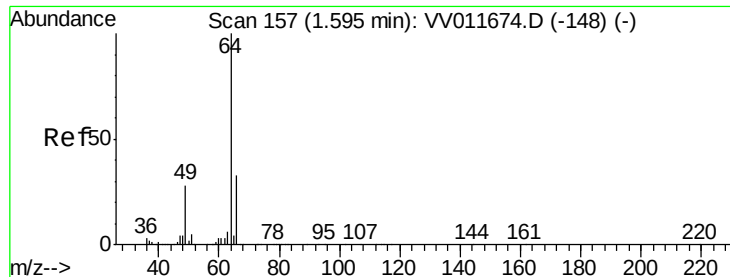
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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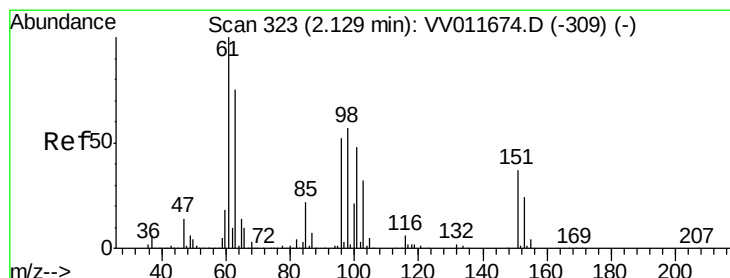
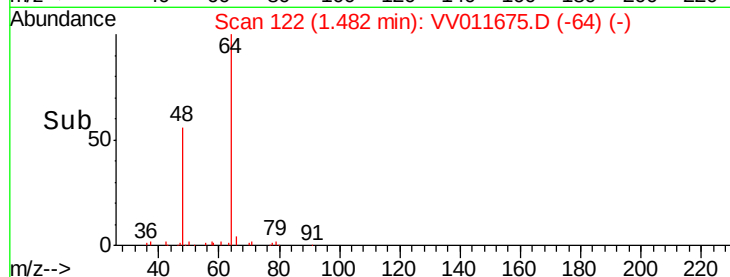
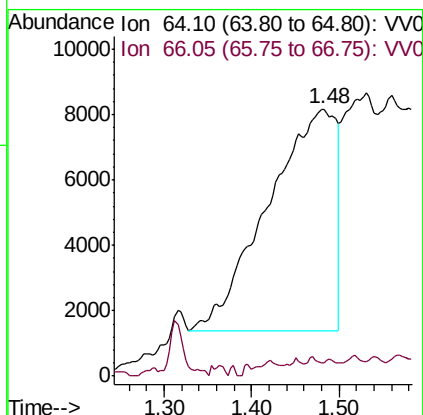
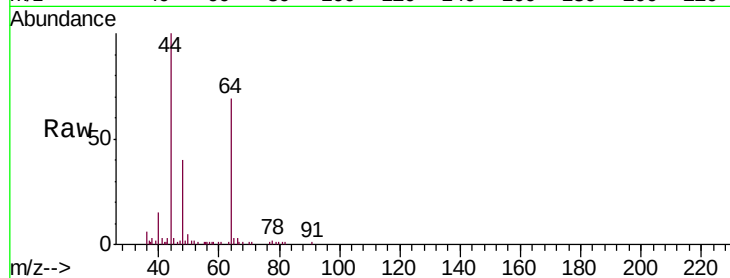




#8
Chloroethane
Concen: 4.672 ug/L
RT: 1.48 min Scan# 122
Delta R.T. -0.11 min
Lab File: VV011675.D
Acq: 21 Jun 2019 10:56

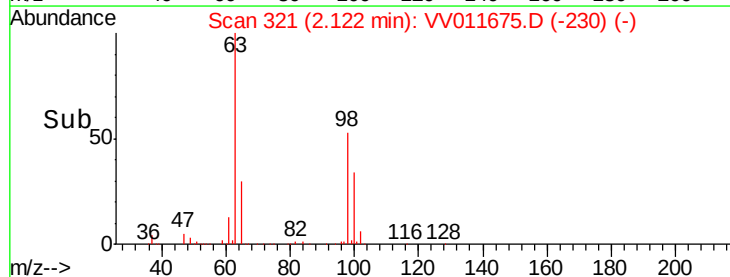
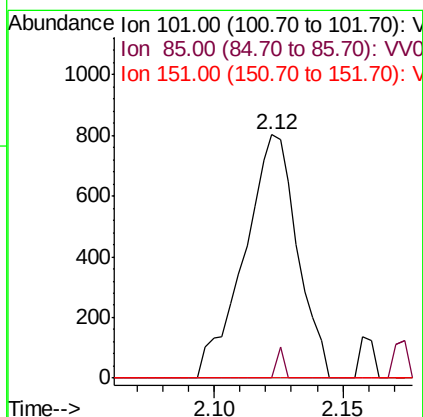
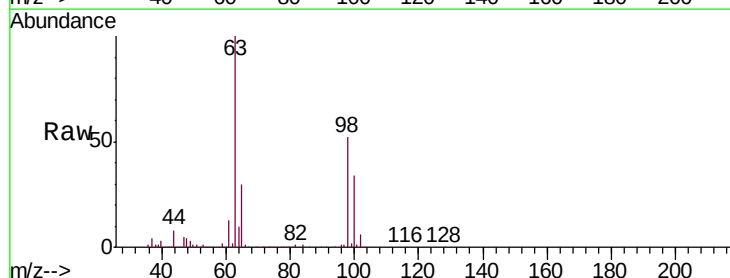
Instrument :
MSVOA_V
ClientSampleId :
VBLK40

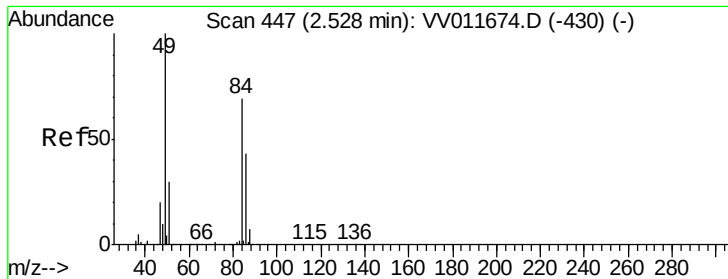
Tgt Ion: 64 Resp: 36660
Ion Ratio Lower Upper
64 100
66 5.0 20.6 38.4#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.105 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV011675.D
Acq: 21 Jun 2019 10:56

Tgt Ion: 101 Resp: 1152
Ion Ratio Lower Upper
101 100
85 1.6 35.9 53.9#
151 0.0 57.4 86.2#

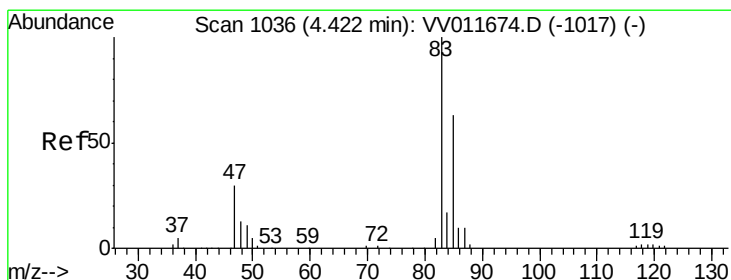
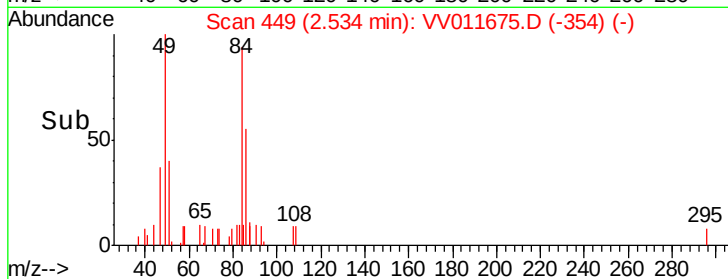
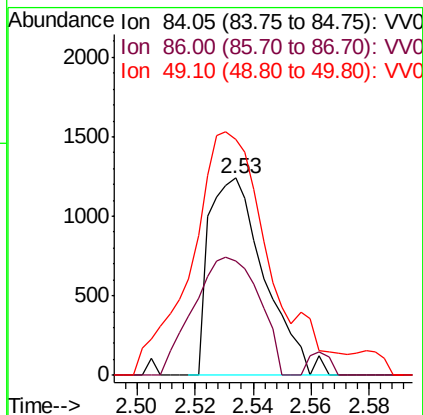
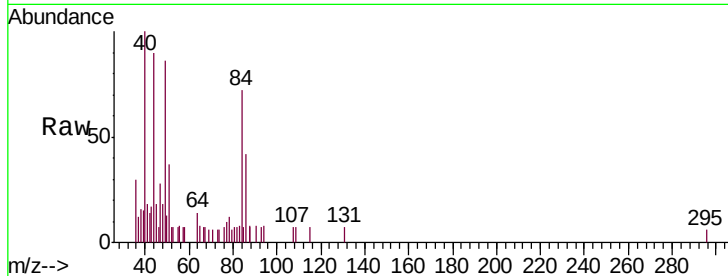




#16
Methylene chloride
Concen: 0.147 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV011675.D
Acq: 21 Jun 2019 10:56

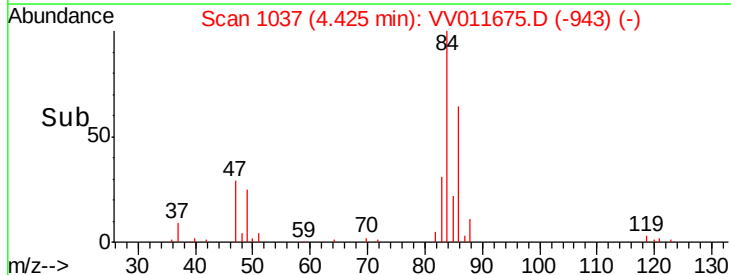
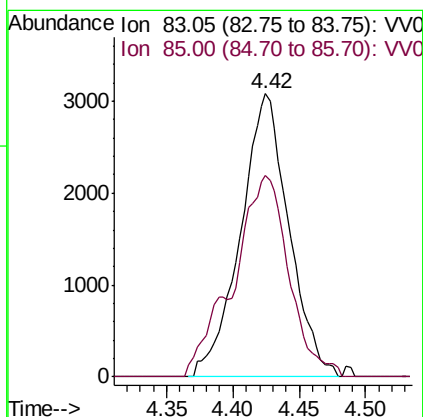
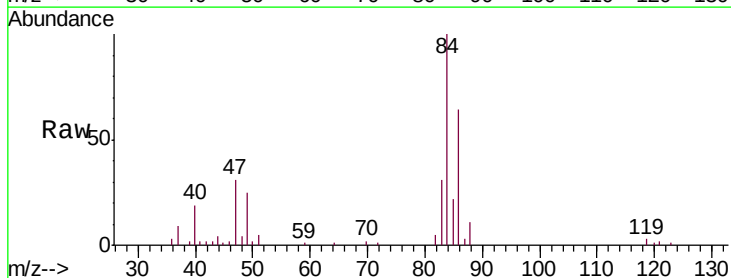
Instrument :
MSVOA_V
ClientSampleId :
VBLK40

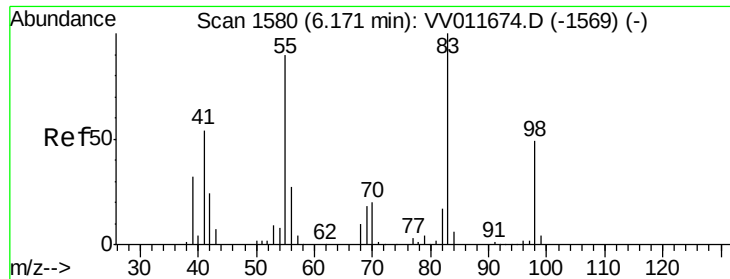
Tgt Ion: 84 Resp: 1648
Ion Ratio Lower Upper
84 100
86 58.3 44.9 83.5
49 120.0 101.4 188.2



#25
Chloroform
Concen: 0.303 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011675.D
Acq: 21 Jun 2019 10:56

Tgt Ion: 83 Resp: 7822
Ion Ratio Lower Upper
83 100
85 71.4 47.0 87.2





#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV011675.D

Acq: 21 Jun 2019 10:56

Instrument :

MSVOA_V

ClientSampleId :

VBLK40

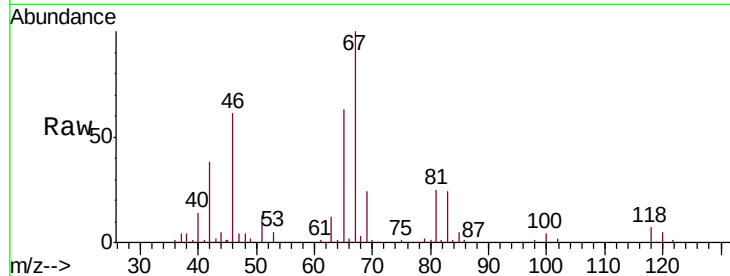
Tgt Ion: 83 Resp: 17375

Ion Ratio Lower Upper

83 100

55 0.9 69.4 104.2#

98 1.5 40.2 60.4#

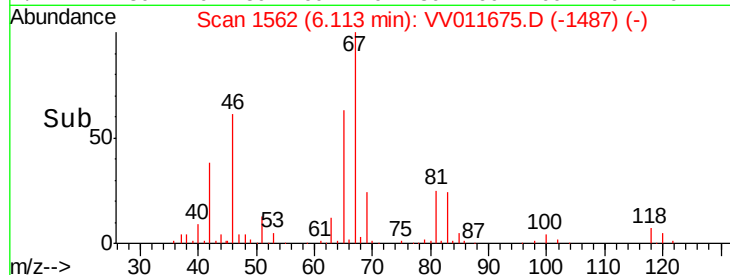


Abundance Ion 83.15 (82.85 to 83.85): VV011675.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV011675.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV011675.D (-1487) (-)

Time-->



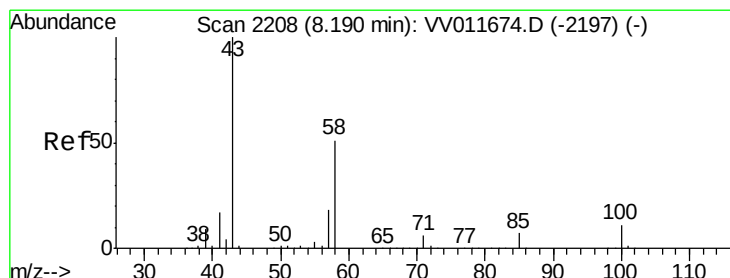
Abundance

Ion 83.15 (82.85 to 83.85): VV011675.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV011675.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV011675.D (-1487) (-)

Time-->



#48

2-Hexanone

Concen: 2.726 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011675.D

Acq: 21 Jun 2019 10:56

Tgt Ion: 43 Resp: 15569

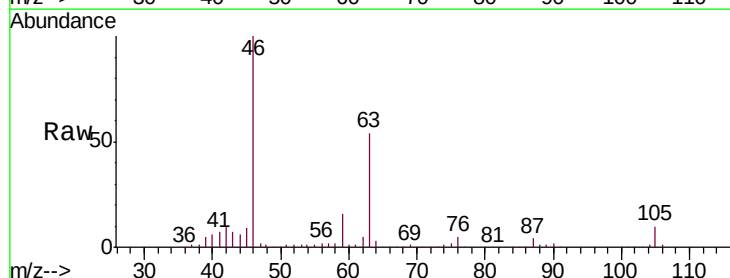
Ion Ratio Lower Upper

43 100

58 25.9 40.1 60.1#

57 27.8 14.4 21.6#

100 0.8 8.6 12.8#



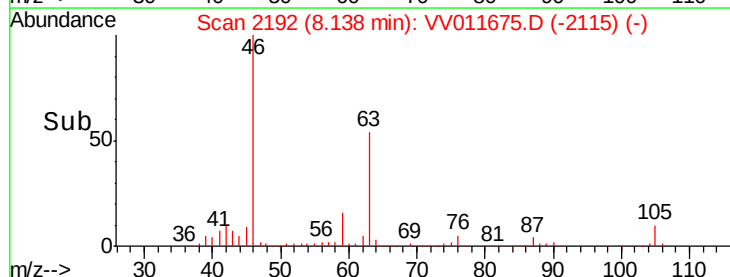
Abundance Ion 43.05 (42.75 to 43.75): VV011675.D (-2115) (-)

Ion 58.05 (57.75 to 58.75): VV011675.D (-2115) (-)

Ion 57.20 (56.90 to 57.90): VV011675.D (-2115) (-)

Ion 100.15 (99.85 to 100.85): VV011675.D (-2115) (-)

Time-->



Abundance

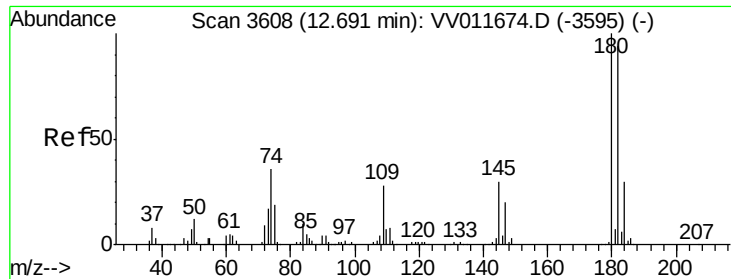
Ion 43.05 (42.75 to 43.75): VV011675.D (-2115) (-)

Ion 58.05 (57.75 to 58.75): VV011675.D (-2115) (-)

Ion 57.20 (56.90 to 57.90): VV011675.D (-2115) (-)

Ion 100.15 (99.85 to 100.85): VV011675.D (-2115) (-)

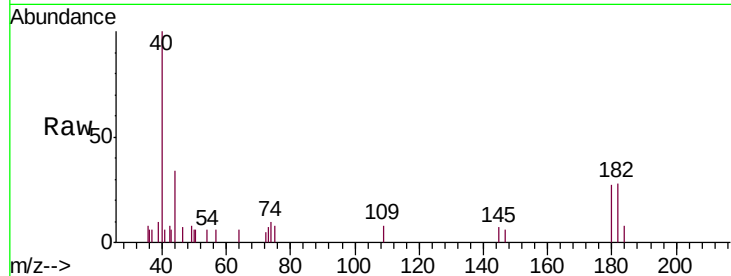
Time-->



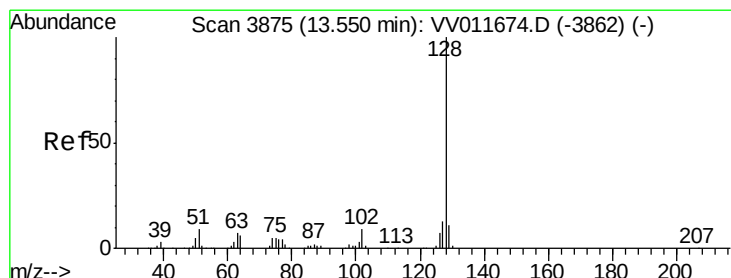
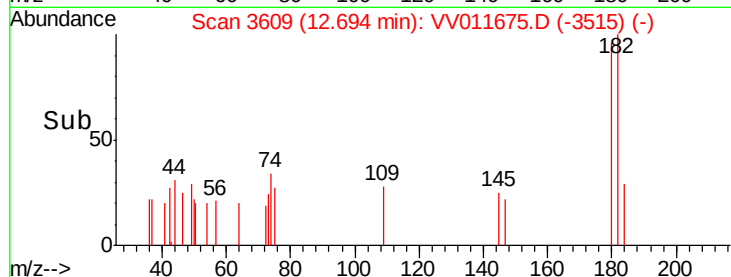
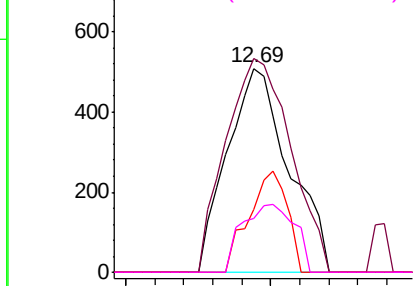
#67
 1,3,5-Trichlorobenzene
 Concen: 0.048 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV011675.D
 Acq: 21 Jun 2019 10:56

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	180	Resp:	753
Ion	Ratio	Lower	Upper
180	100		
182	110.5	77.3	115.9
184	30.8	24.9	37.3
145	28.2	25.2	37.8

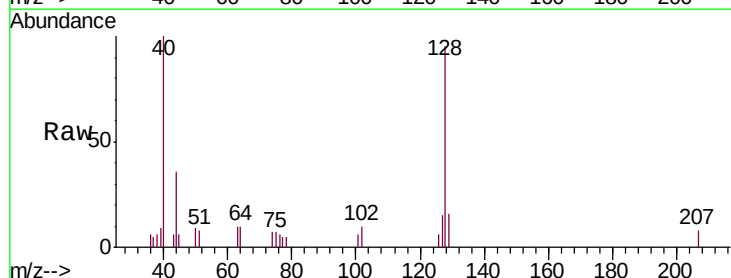


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

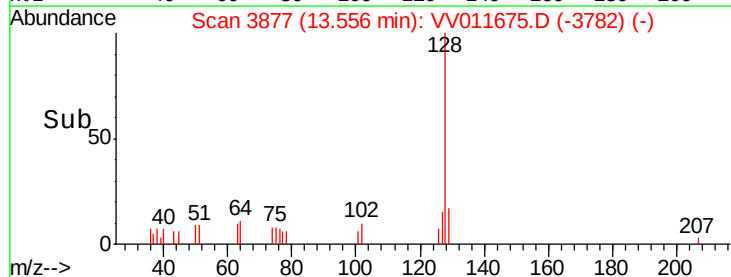
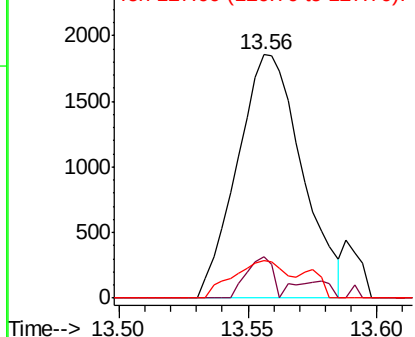


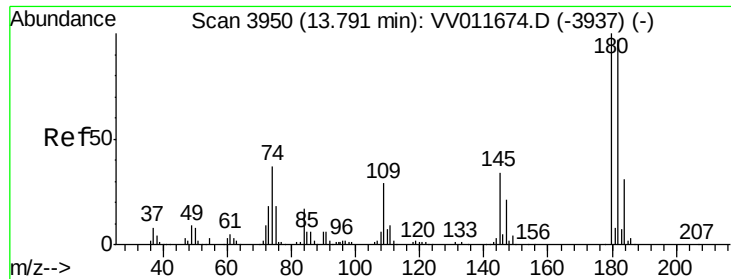
#69
 Naphthalene
 Concen: 0.163 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV011675.D
 Acq: 21 Jun 2019 10:56

Tgt Ion:	128	Resp:	3244
Ion	Ratio	Lower	Upper
128	100		
129	8.1	8.7	13.1#
127	13.0	10.5	15.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.114 ug/L
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.01 min
 Lab File: VV011675.D
 Acq: 21 Jun 2019 10:56

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK40

Tgt Ion:	180	Resp:	1294
Ion Ratio	Lower	Upper	
180	100		
182	110.5	75.0	112.4
145	32.7	26.2	39.2

