

Data File : VV008247.D
Acq On : 10 Oct 2018 22:15
Operator : SY/MD
Sample : VV1010WBL01
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Quant Time: Oct 11 02:04:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	89281	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	86346	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37142	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21561	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.59	69	18706	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.13	63	32239	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.99	46	89636	67.99	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.98%#
24) Chloroform-d	4.41	84	55040	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	29266	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	101800	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.12	67	34193	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	85761	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.67	79	10943	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.14	63	54815	56.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26020	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	35750	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

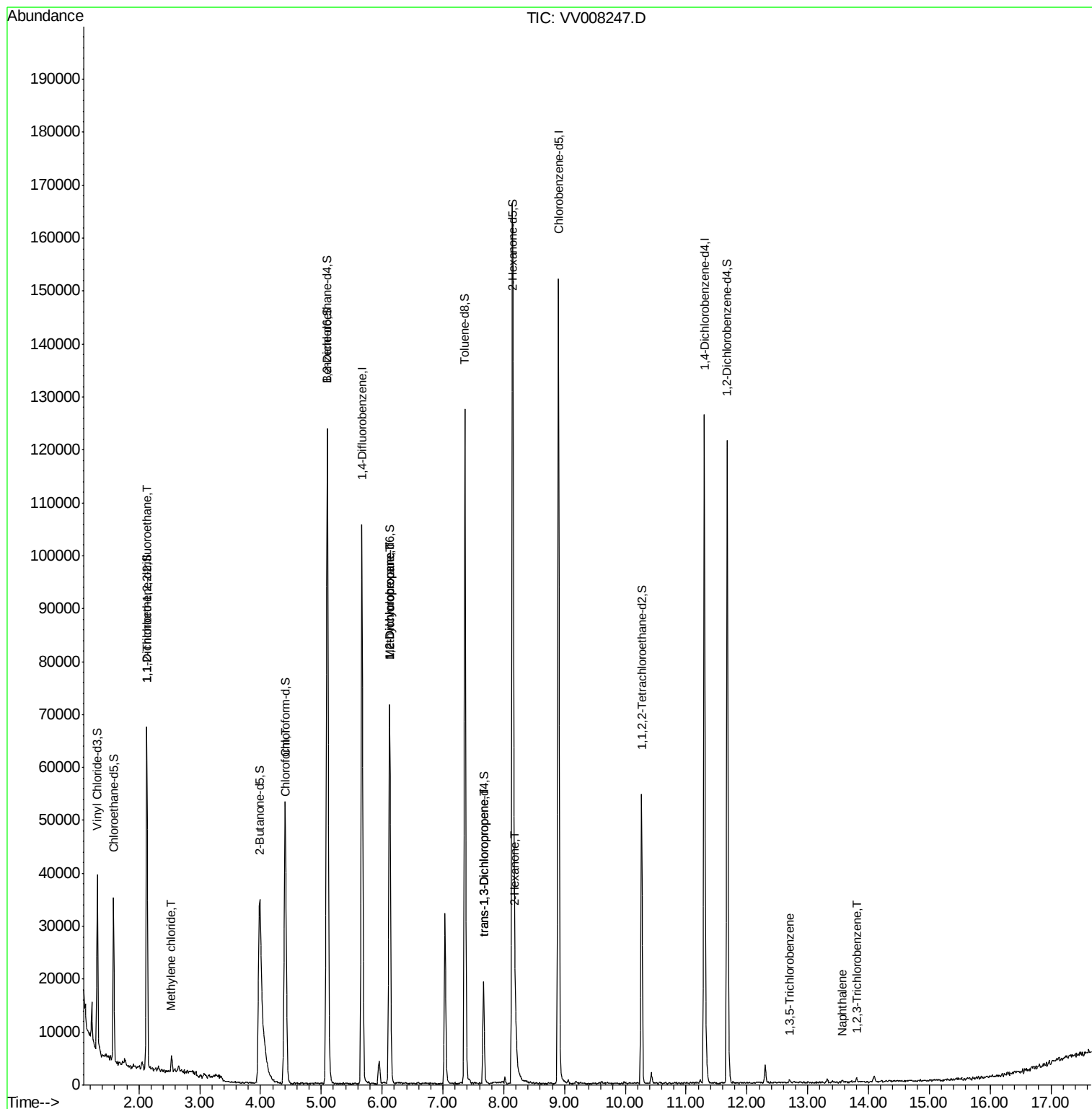
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	464	0.080	ug/L #	14
16) Methylene chloride	2.54	84	1264	0.215	ug/L	89
25) Chloroform	4.42	83	886	0.082	ug/L #	69
35) Methylcyclohexane	6.12	83	8353	0.940	ug/L #	22
37) 1,2-Dichloropropane	6.13	63	3696	0.629	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	512	0.084	ug/L	90
48) 2-Hexanone	8.19	43	7140	3.157	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.70	180	397	0.042	ug/L #	71
69) Naphthalene	13.57	128	543	0.061	ug/L #	70
70) 1,2,3-Trichlorobenzene	13.81	180	440	0.066	ug/L #	72

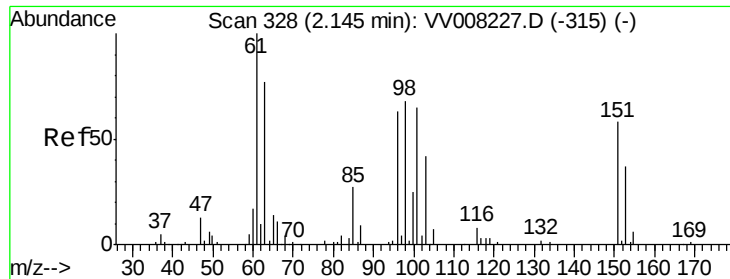
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.02 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK66

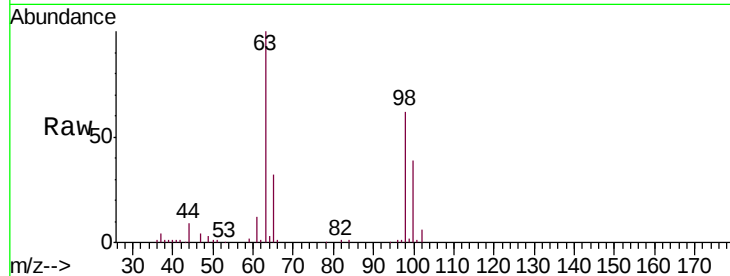
Tgt Ion:101 Resp: 464

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

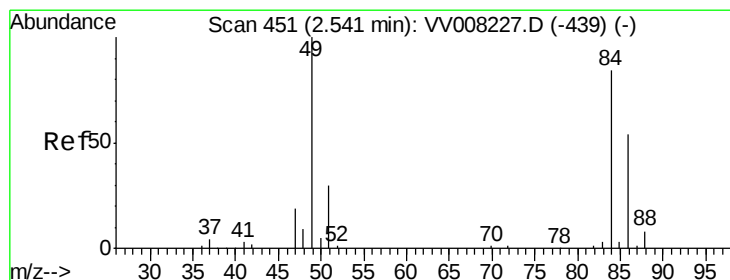
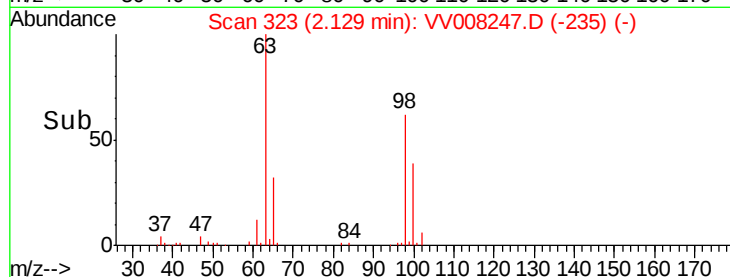
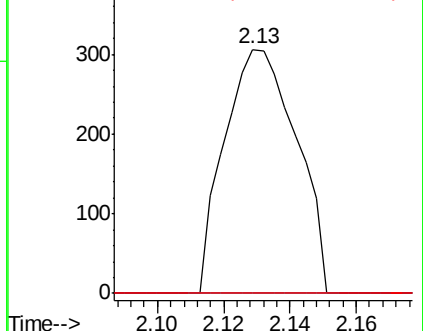
151 0.0 70.7 106.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.215 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV008247.D

Acq: 10 Oct 2018 22:15

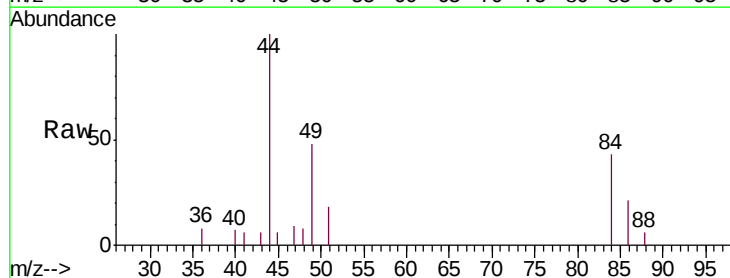
Tgt Ion: 84 Resp: 1264

Ion Ratio Lower Upper

84 100

86 48.2 45.3 84.1

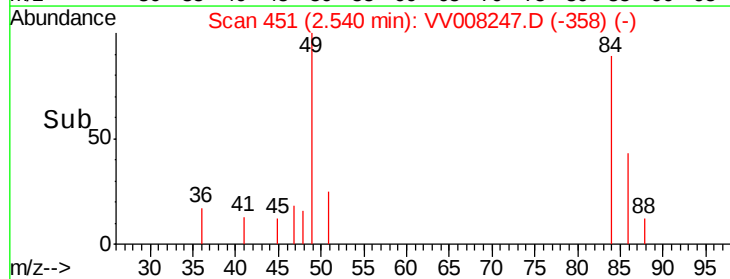
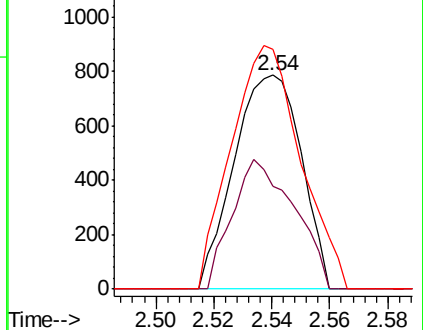
49 112.2 83.0 154.1

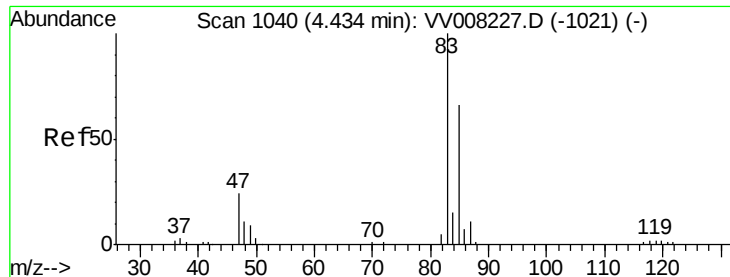


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.082 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.01 min

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Acq: 10 Oct 2018 22:15

Instrument :

MSVOA_V

ClientSampleId :

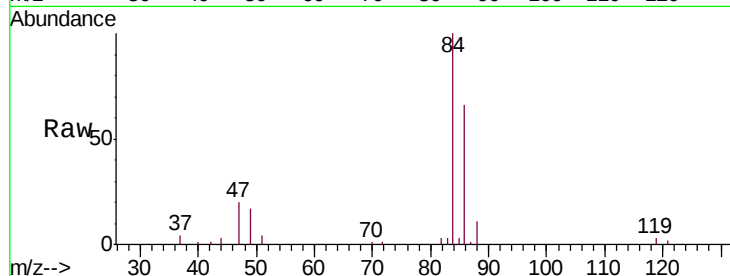
VBLK66

Tgt Ion: 83 Resp: 886

Ion Ratio Lower Upper

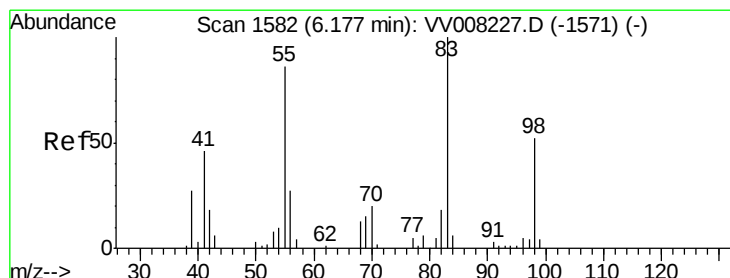
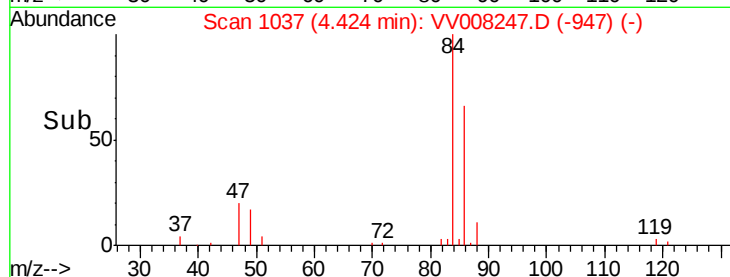
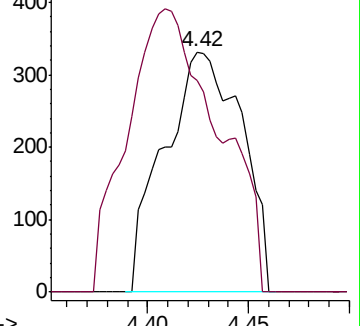
83 100

85 88.3 44.6 82.8#



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#35

Methylcyclohexane

Concen: 0.940 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008247.D

Acq: 10 Oct 2018 22:15

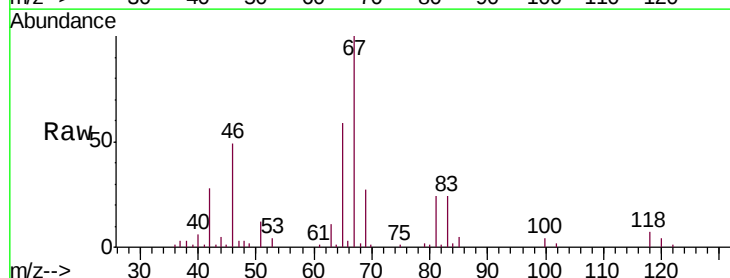
Tgt Ion: 83 Resp: 8353

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

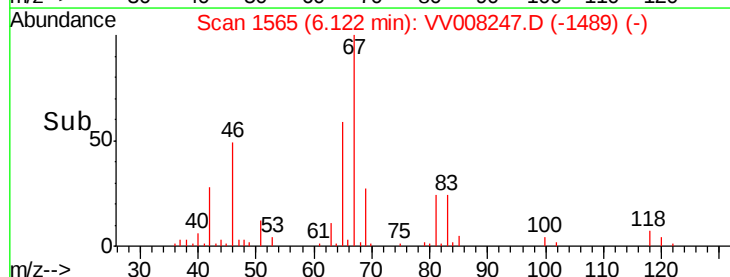
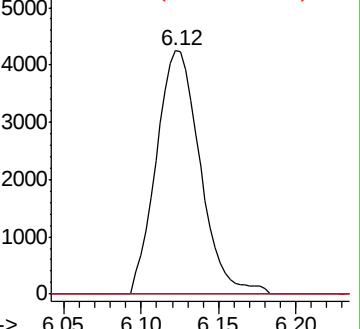
98 9.0 38.3 57.5#

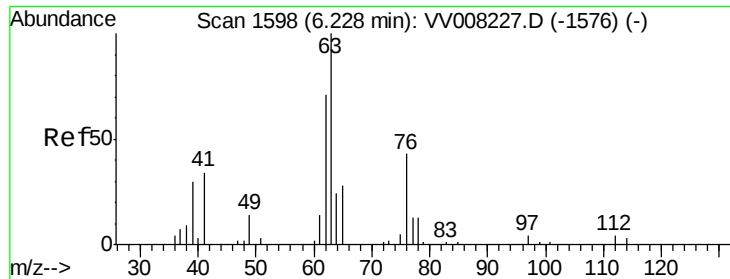


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

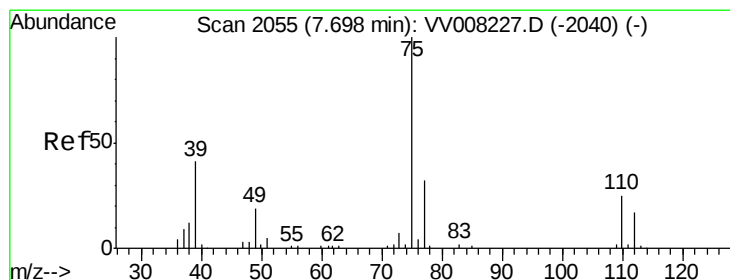
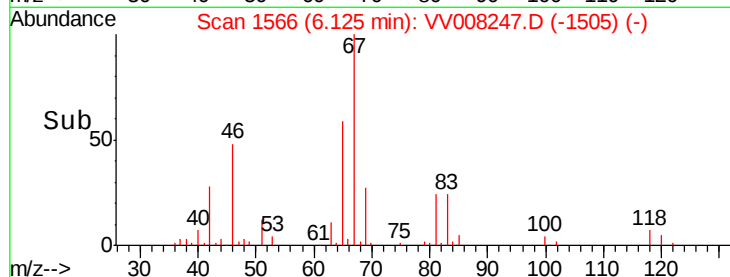
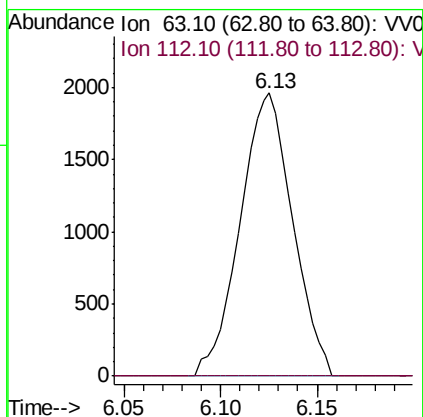
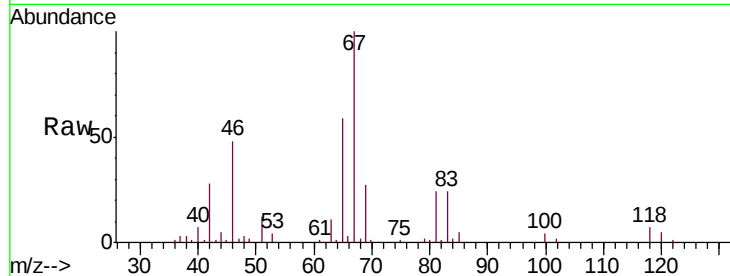




#37
 1,2-Dichloropropane
 Concen: 0.629 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.10 min
 Lab File: VV008247.D
 Acq: 10 Oct 2018 22:15

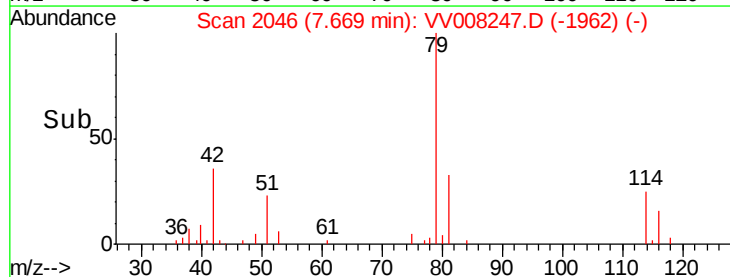
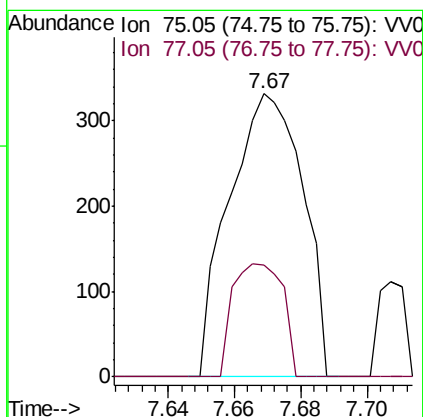
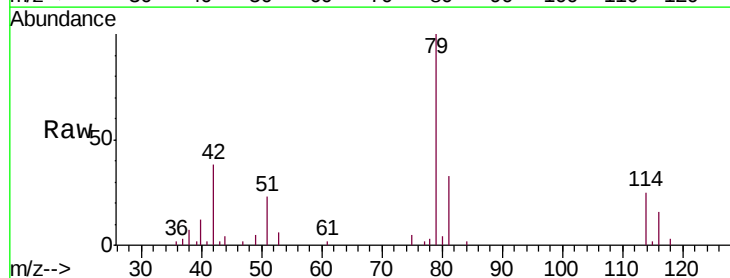
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 VBLK66

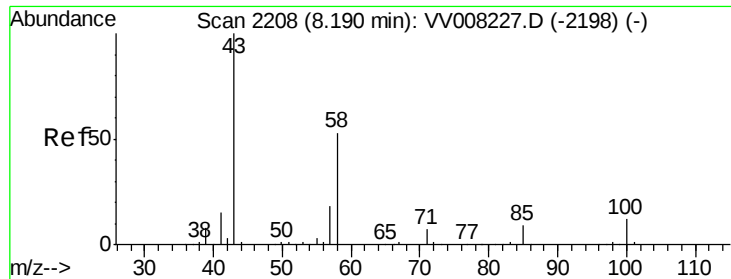
Tgt Ion: 63 Resp: 3696
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.03 min
 Lab File: VV008247.D
 Acq: 10 Oct 2018 22:15

Tgt Ion: 75 Resp: 512
 Ion Ratio Lower Upper
 75 100
 77 39.5 23.4 43.6

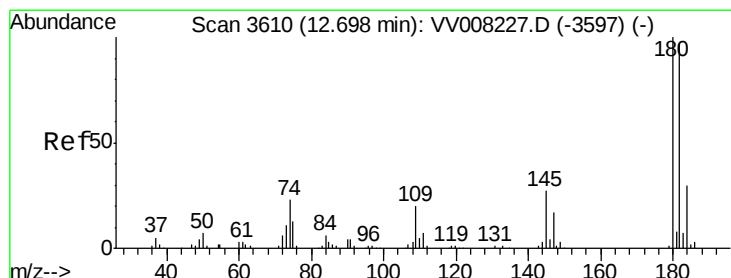
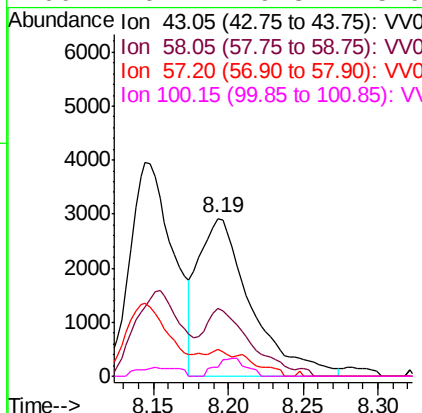
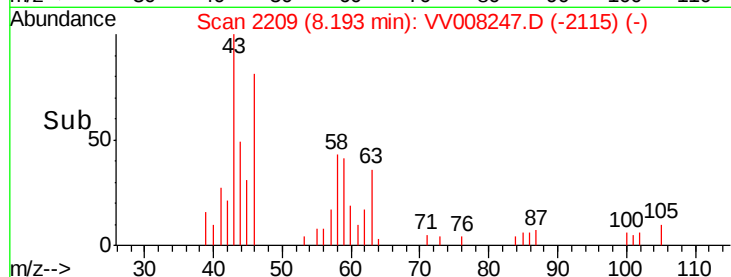
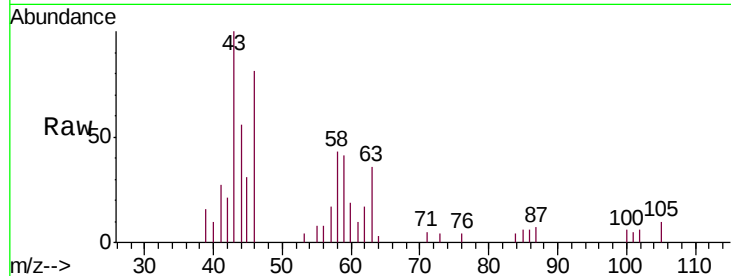




#48
 2-Hexanone
 Concen: 3.157 ug/L
 RT: 8.19 min Scan# 2209
 Delta R.T. 0.00 min
 Lab File: VV008247.D
 Acq: 10 Oct 2018 22:15

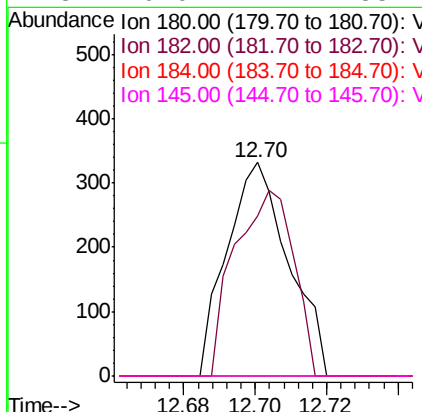
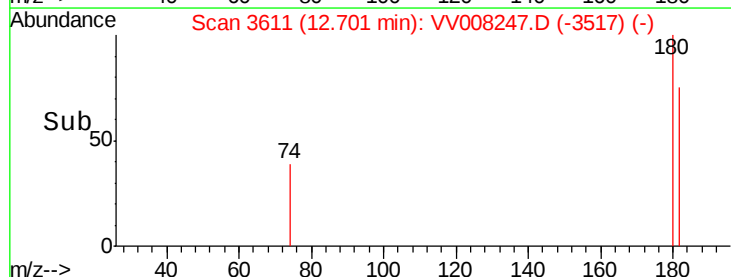
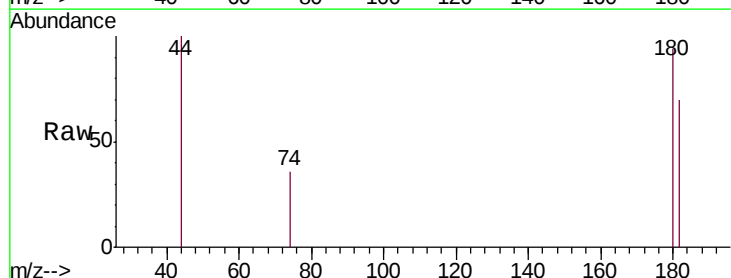
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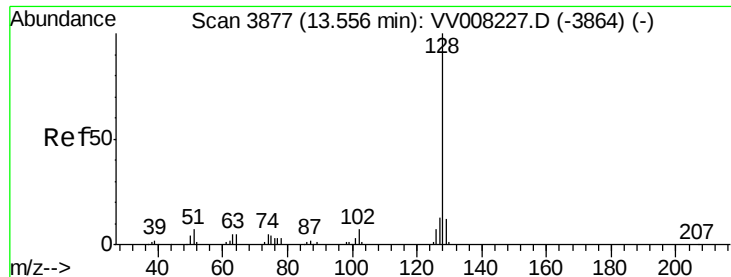
Tgt Ion: 43 Resp: 7140
 Ion Ratio Lower Upper
 43 100
 58 39.0 40.5 60.7#
 57 13.2 14.6 22.0#
 100 6.4 9.3 13.9#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.042 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.00 min
 Lab File: VV008247.D
 Acq: 10 Oct 2018 22:15

Tgt Ion: 180 Resp: 397
 Ion Ratio Lower Upper
 180 100
 182 82.6 77.0 115.6
 184 0.0 24.2 36.2#
 145 0.0 22.2 33.2#





#69

Naphthalene

Concen: 0.061 ug/L

RT: 13.57 min Scan# 3882

Delta R.T. 0.02 min

Lab File: VV008247.D

Acq: 10 Oct 2018 22:15

Instrument :

MSVOA_V

ClientSampleId :

VBLK66

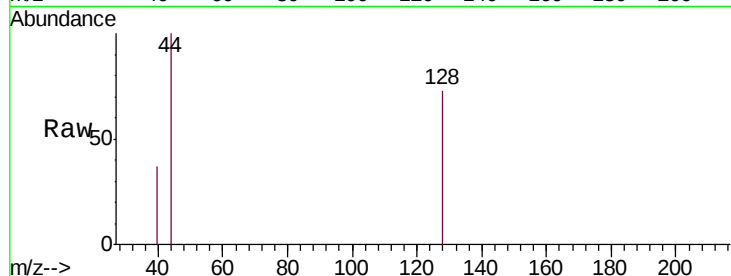
Tgt Ion:128 Resp: 543

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

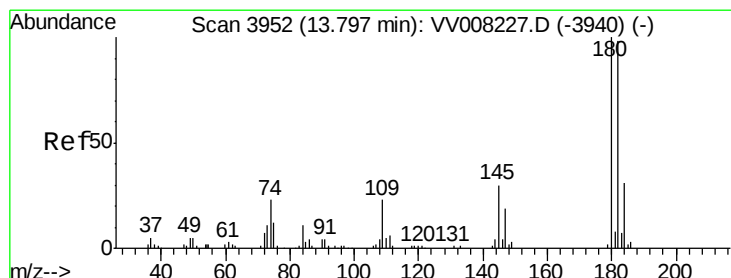
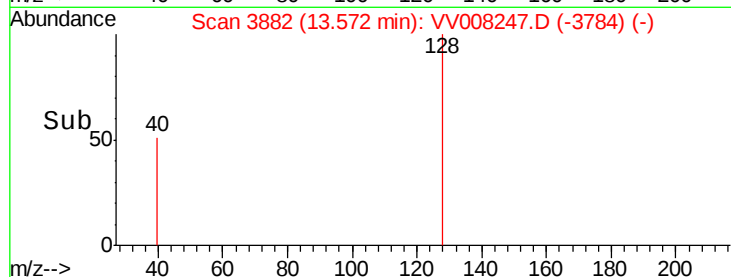
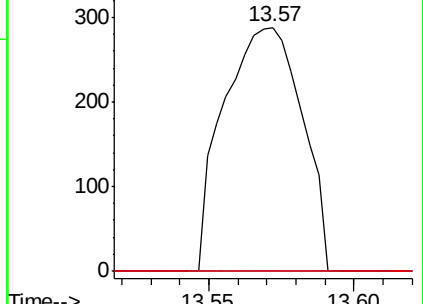
127 0.0 10.2 15.2#



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: 0.066 ug/L

RT: 13.81 min Scan# 3955

Delta R.T. 0.01 min

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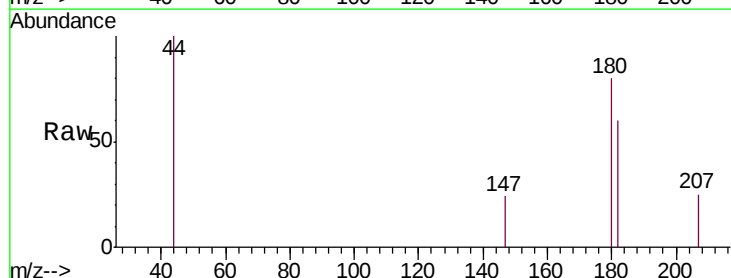
Tgt Ion:180 Resp: 440

Ion Ratio Lower Upper

180 100

182 74.8 75.1 112.7#

145 0.0 23.2 34.8#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

