

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
 Data File : VV007500.D
 Acq On : 13 Sep 2018 02:46
 Operator : SY/MD
 Sample : J4872-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KP9

Quant Time: Sep 13 07:19:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 13 07:19:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	118283	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	106823	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56674	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31012	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	25415	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	51502	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	3.97	46	65471	48.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.08%
24) Chloroform-d	4.41	84	61925	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.09	65	32931	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	122405	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.13	67	37258	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	126554	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.67	79	16916	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.15	63	34132	39.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.94%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24326	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	49924	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

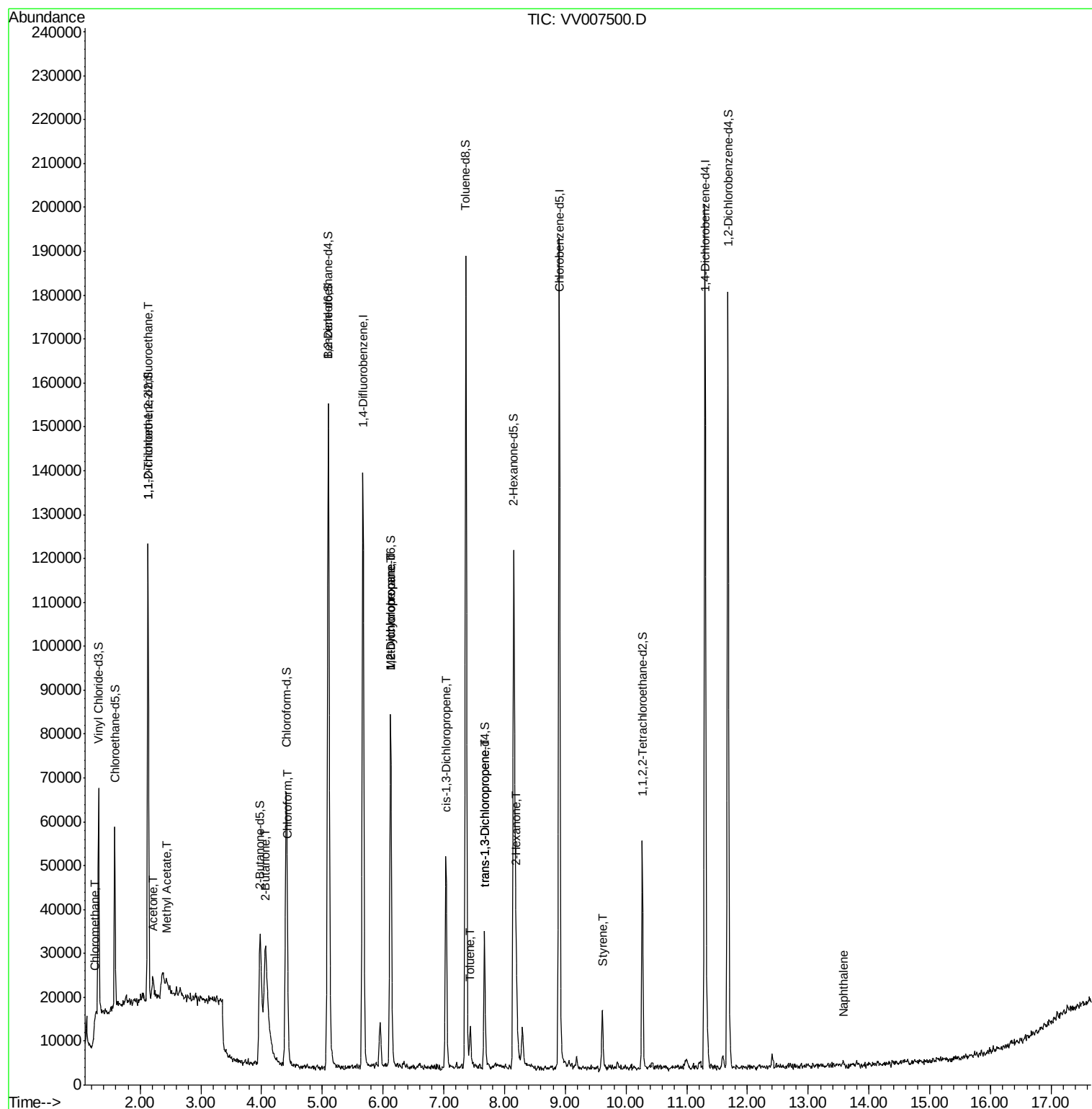
					Qvalue
3) Chloromethane	1.25	50	669	0.111 ug/L #	75
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	670	0.097 ug/L #	24
13) Acetone	2.21	43	6468	8.129 ug/L	96
15) Methyl Acetate	2.43	43	294	0.134 ug/L	97
21) 2-Butanone	4.06	43	1948	1.506 ug/L	81
25) Chloroform	4.43	83	3141	0.286 ug/L	94
35) Methylcyclohexane	6.12	83	9398	0.862 ug/L #	25
37) 1,2-Dichloropropane	6.13	63	4430	0.751 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1376	0.145 ug/L #	52
42) Toluene	7.44	91	6483	0.251 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	763	0.096 ug/L #	42
48) 2-Hexanone	8.19	43	8757	3.580 ug/L #	78
55) Styrene	9.61	104	6551	0.358 ug/L	99
69) Naphthalene	13.56	128	862	0.066 ug/L #	69

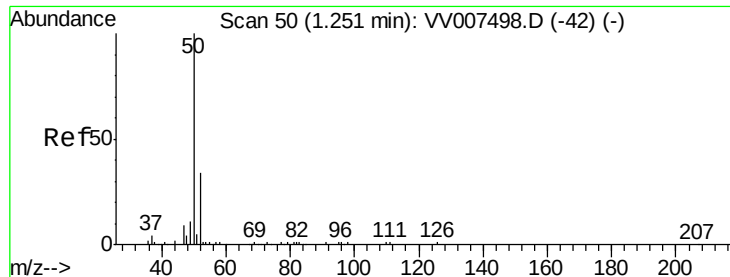
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.111 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV007500.D

Acq: 13 Sep 2018 02:46

Instrument :

MSVOA_V

ClientSampleId :

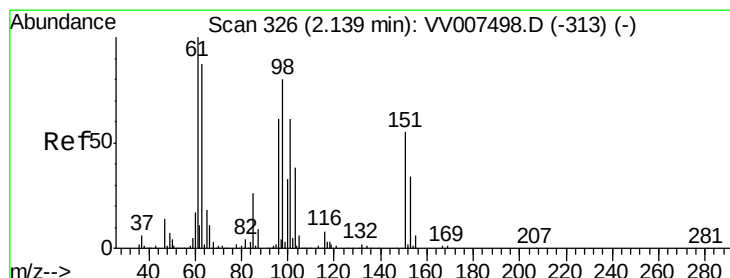
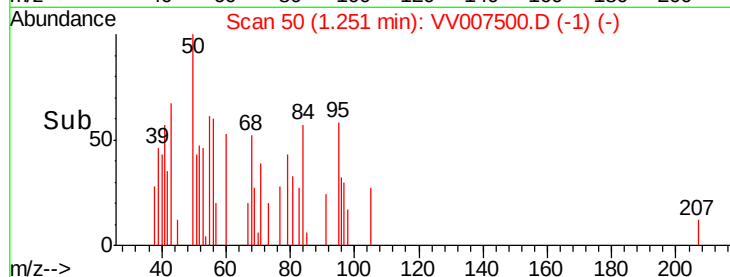
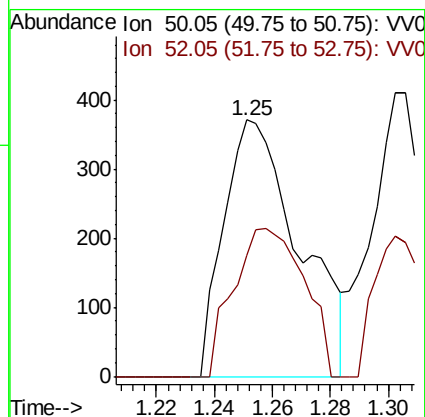
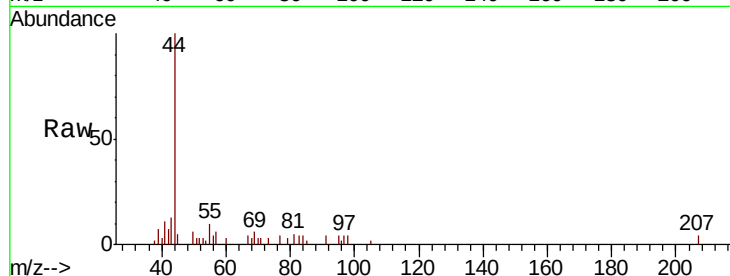
C0KP9

Tgt Ion: 50 Resp: 669

Ion Ratio Lower Upper

50 100

52 47.2 23.1 42.9#



#10

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

Concen: 0.097 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV007500.D

Acq: 13 Sep 2018 02:46

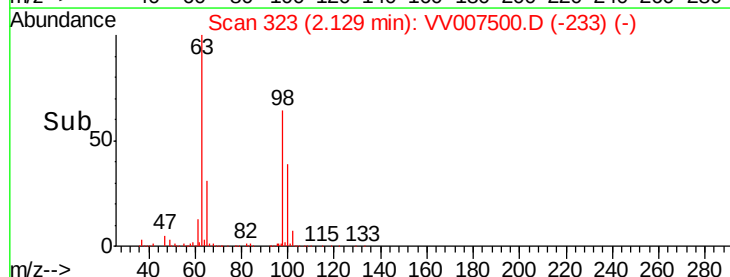
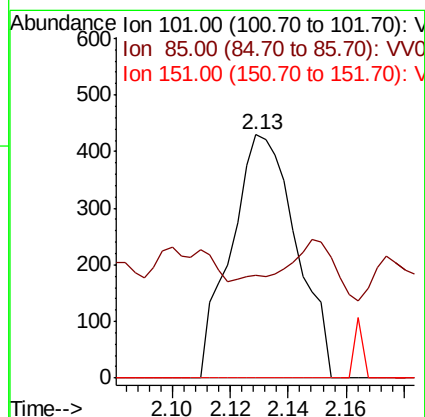
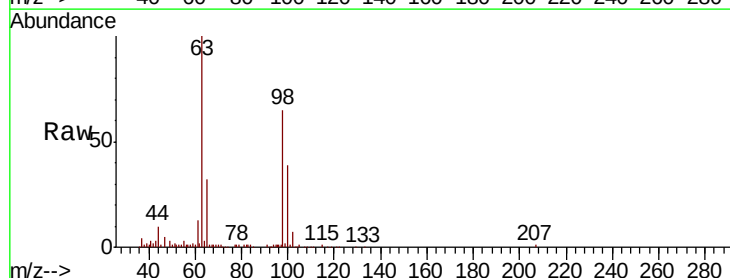
Tgt Ion: 101 Resp: 670

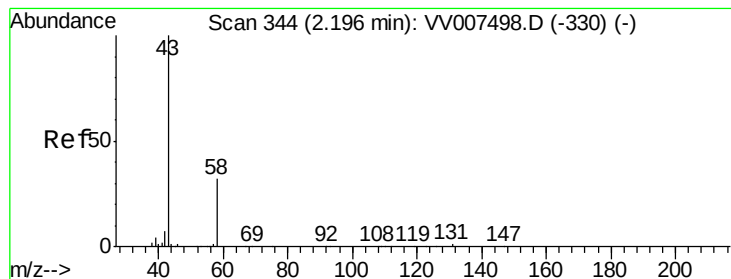
Ion Ratio Lower Upper

101 100

85 20.7 34.5 51.7#

151 0.0 71.4 107.0#





#13

Acetone

Concen: 8.129 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV007500.D

Acq: 13 Sep 2018 02:46

Instrument :

MSVOA_V

ClientSampleId :

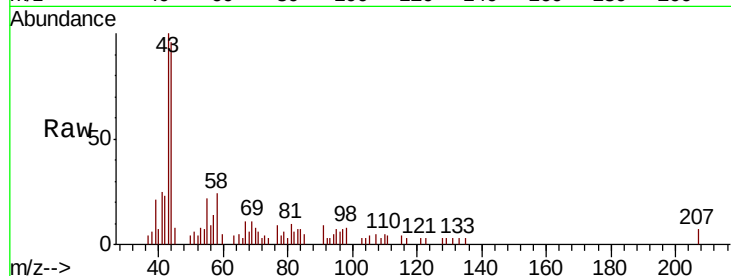
C0KP9

Tgt Ion: 43 Resp: 6468

Ion Ratio Lower Upper

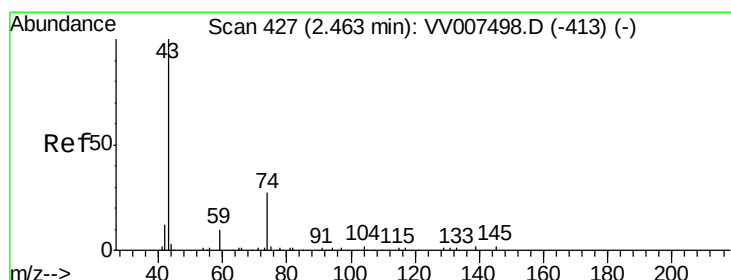
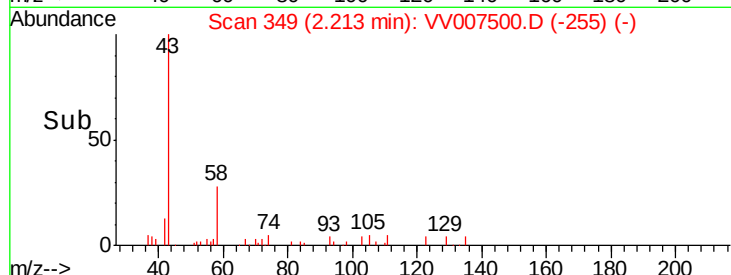
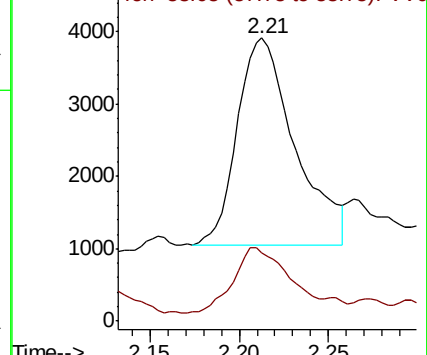
43 100

58 34.8 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV007500.D (-255) (-)

Ion 58.05 (57.75 to 58.75): VV007500.D (-255) (-)



#15

Methyl Acetate

Concen: 0.134 ug/L

RT: 2.43 min Scan# 416

Delta R.T. -0.04 min

Lab File: VV007500.D

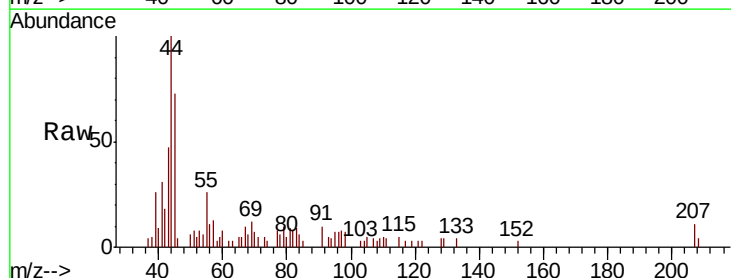
Acq: 13 Sep 2018 02:46

Tgt Ion: 43 Resp: 294

Ion Ratio Lower Upper

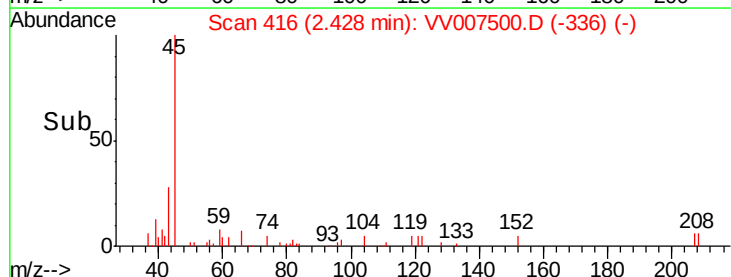
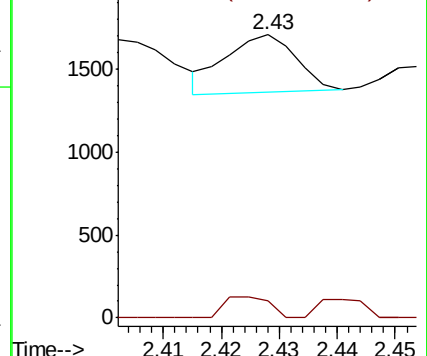
43 100

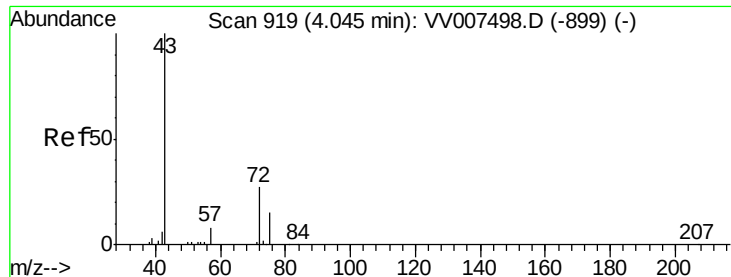
74 23.5 20.0 30.0



Abundance Ion 43.05 (42.75 to 43.75): VV007500.D (-336) (-)

Ion 74.05 (73.75 to 74.75): VV007500.D (-336) (-)

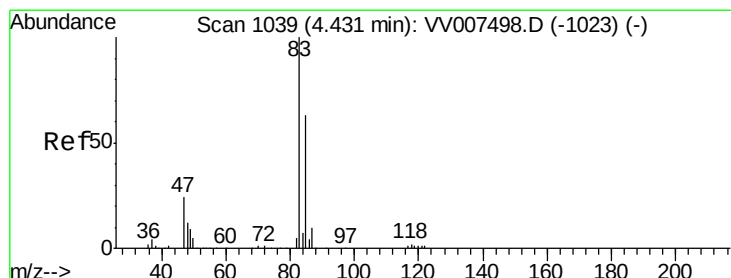
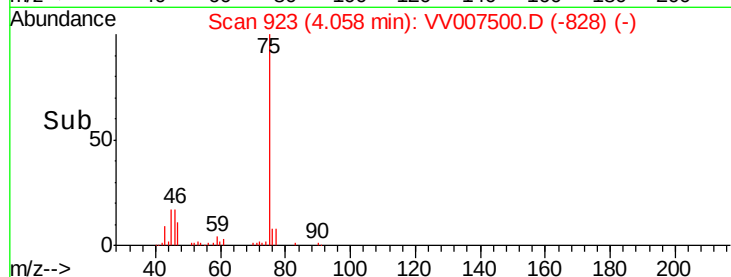
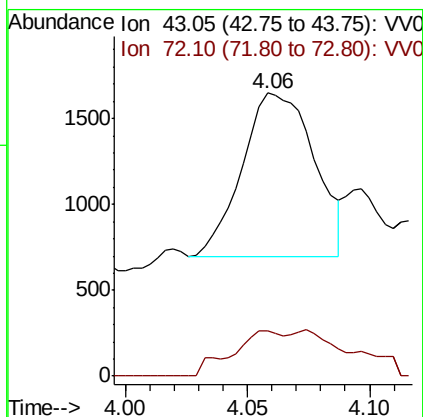
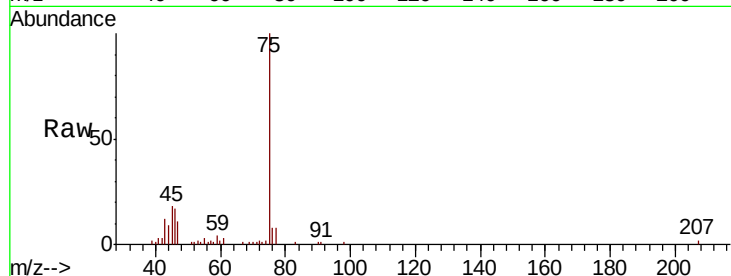




#21
 2-Butanone
 Concen: 1.506 ug/L
 RT: 4.06 min Scan# 923
 Delta R.T. 0.01 min
 Lab File: VV007500.D
 Acq: 13 Sep 2018 02:46

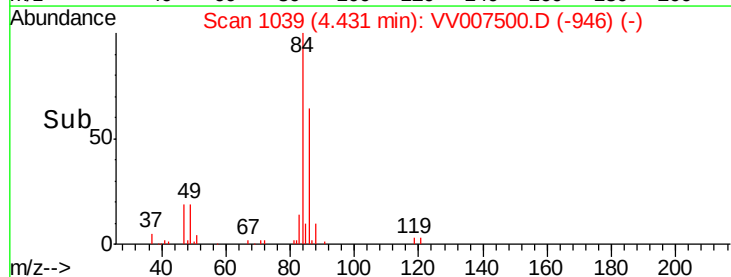
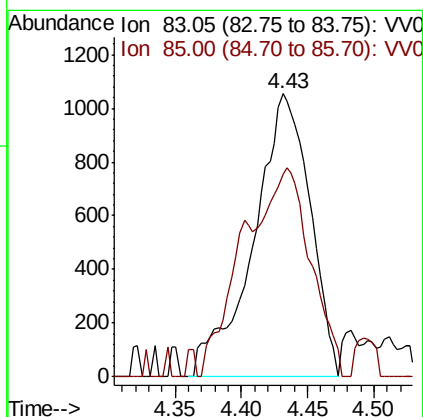
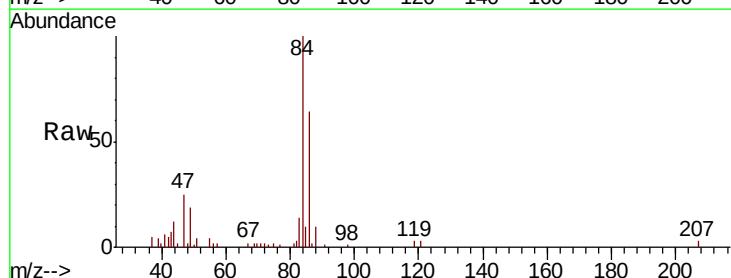
Instrument :
 MSVOA_V
 ClientSampled :
 C0KP9

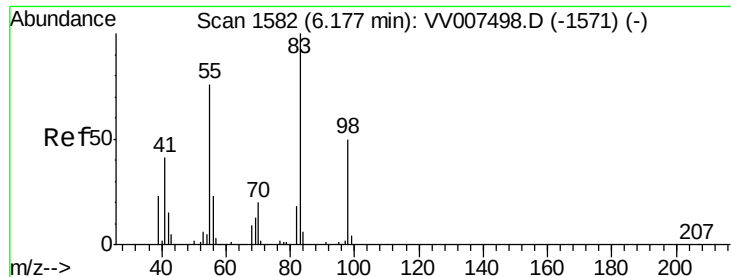
Tgt Ion: 43 Resp: 1948
 Ion Ratio Lower Upper
 43 100
 72 19.6 14.8 44.4



#25
 Chloroform
 Concen: 0.286 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VV007500.D
 Acq: 13 Sep 2018 02:46

Tgt Ion: 83 Resp: 3141
 Ion Ratio Lower Upper
 83 100
 85 71.6 46.6 86.6

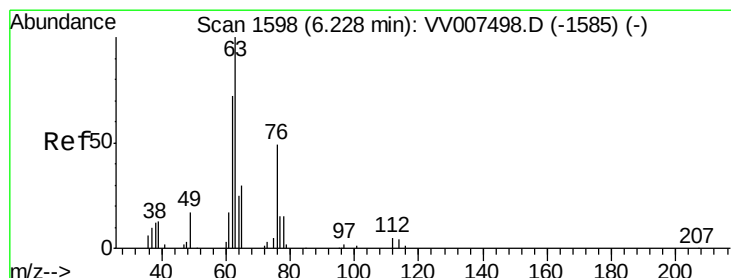
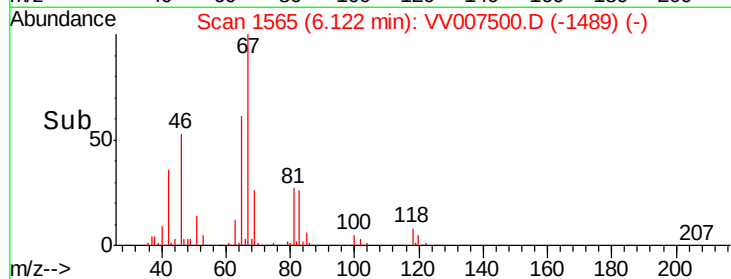
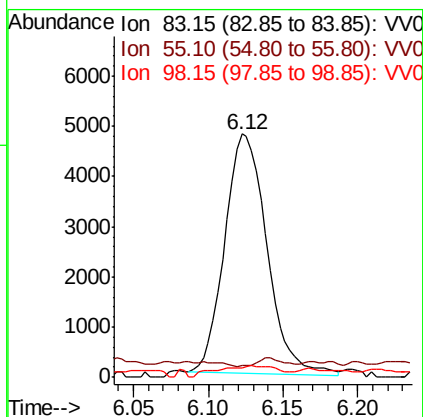
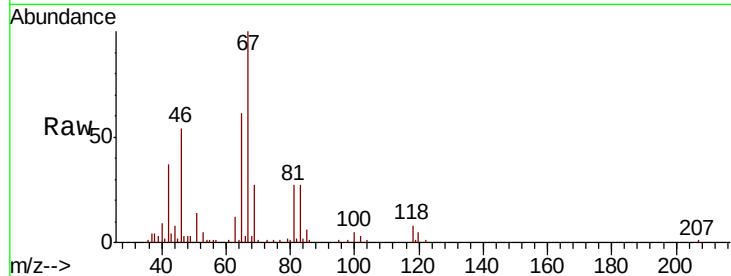




#35
Methylcyclohexane
Concen: 0.862 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV007500.D
Acq: 13 Sep 2018 02:46

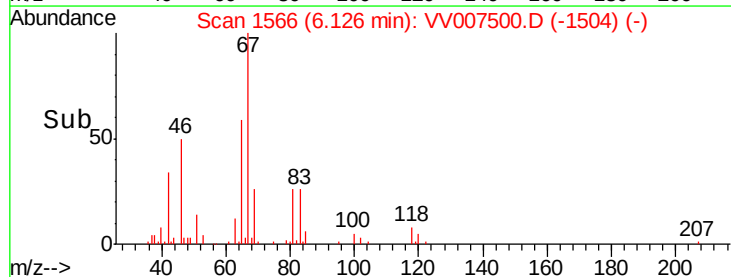
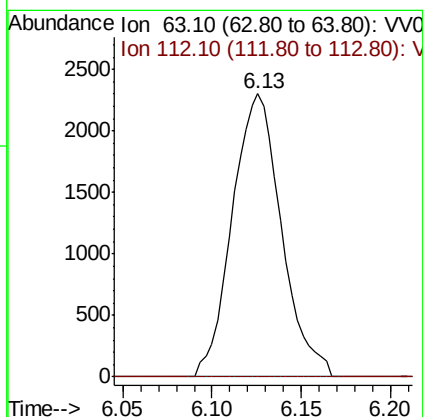
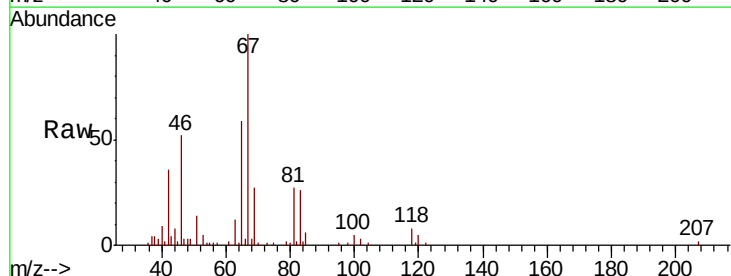
Instrument :
MSVOA_V
ClientSampleId :
C0KP9

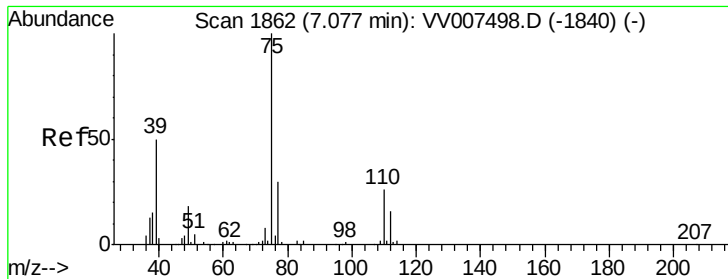
Tgt Ion	Ratio	Lower	Upper
83	100		
55	2.0	57.4	86.0#
98	6.9	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.751 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007500.D
Acq: 13 Sep 2018 02:46

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

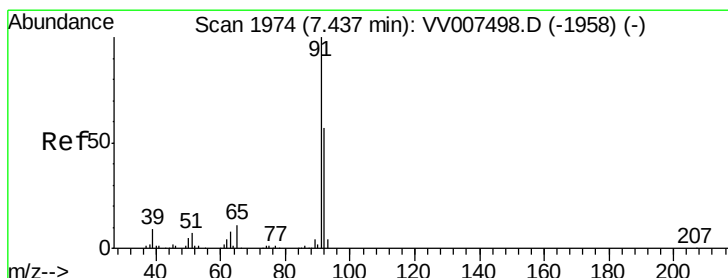
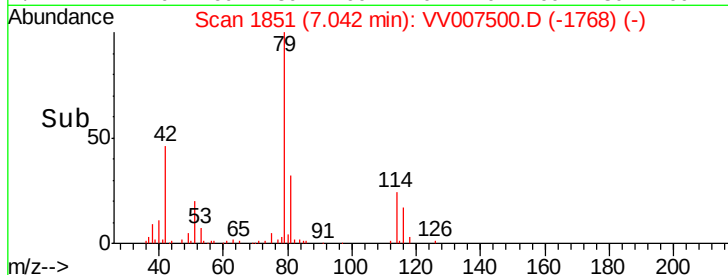
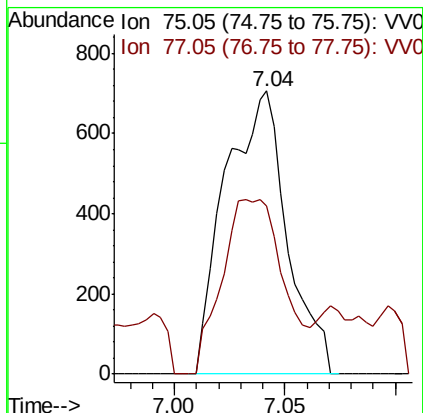
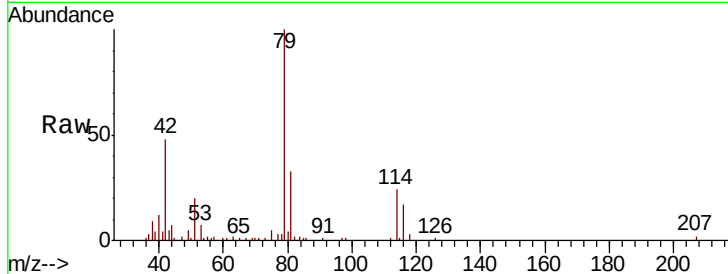




#39
 cis-1,3-Dichloropropene
 Concen: 0.145 ug/L
 RT: 7.04 min Scan# 1851
 Delta R.T. -0.03 min
 Lab File: VV007500.D
 Acq: 13 Sep 2018 02:46

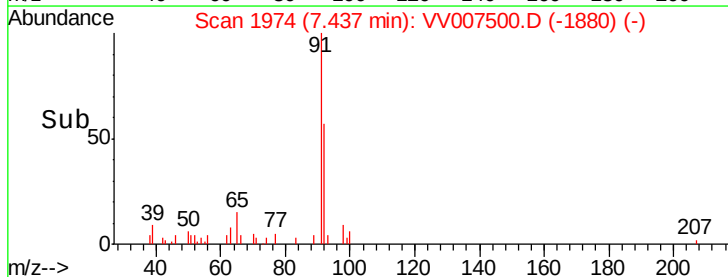
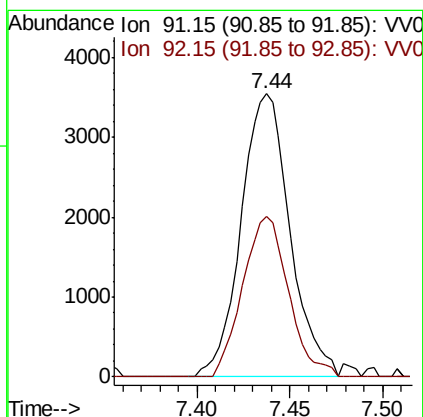
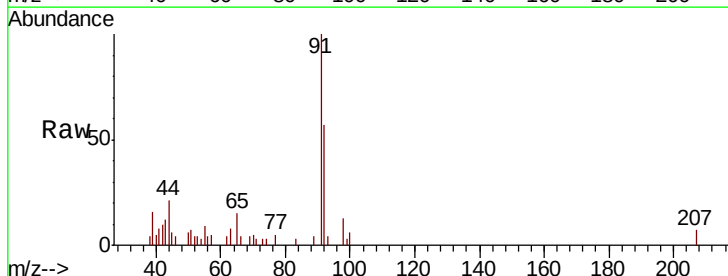
Instrument :
 MSVOA_V
 ClientSampled :
 C0KP9

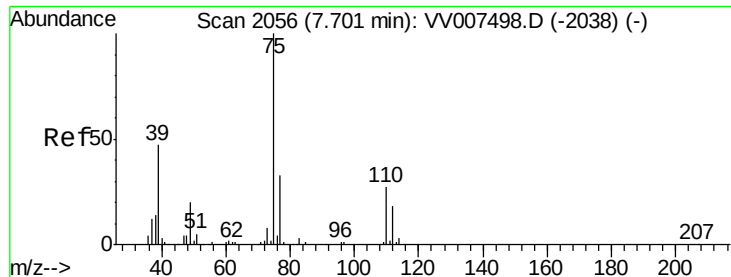
Tgt Ion: 75 Resp: 1376
 Ion Ratio Lower Upper
 75 100
 77 59.3 22.7 42.1#



#42
 Toluene
 Concen: 0.251 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV007500.D
 Acq: 13 Sep 2018 02:46

Tgt Ion: 91 Resp: 6483
 Ion Ratio Lower Upper
 91 100
 92 56.9 38.9 72.2





#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007500.D

Acq: 13 Sep 2018 02:46

Instrument :

MSVOA_V

ClientSampled :

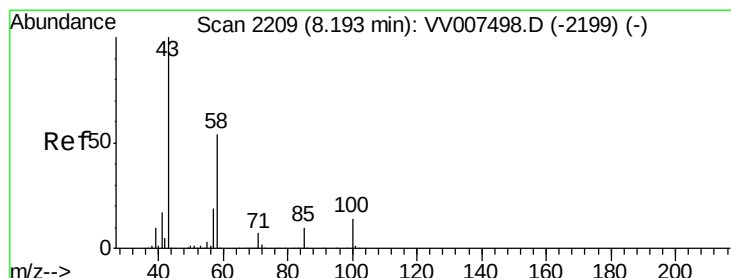
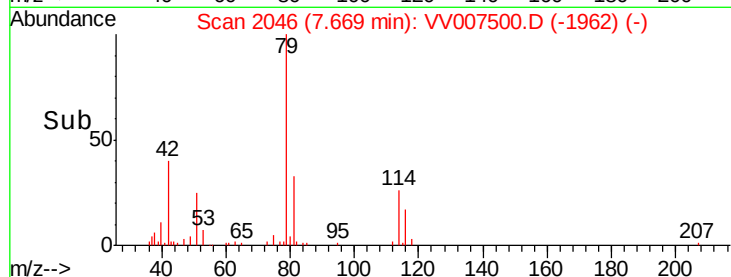
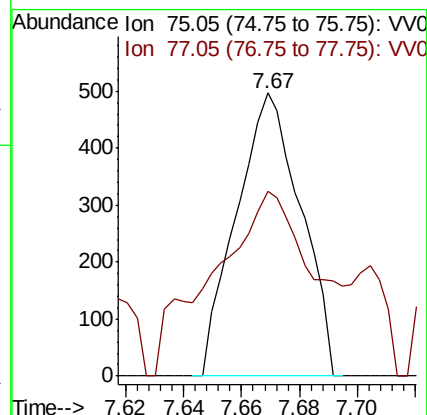
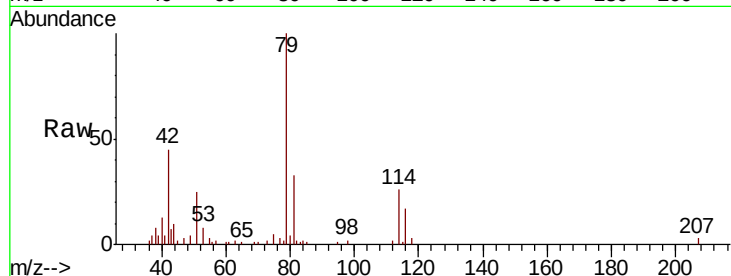
C0KP9

Tgt Ion: 75 Resp: 763

Ion Ratio Lower Upper

75 100

77 65.4 23.0 42.8#



#48

2-Hexanone

Concen: 3.580 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VV007500.D

Acq: 13 Sep 2018 02:46

Tgt Ion: 43 Resp: 8757

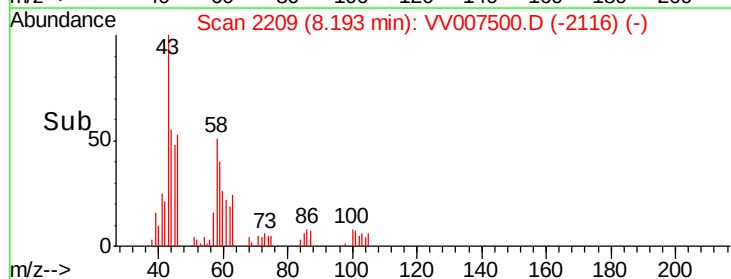
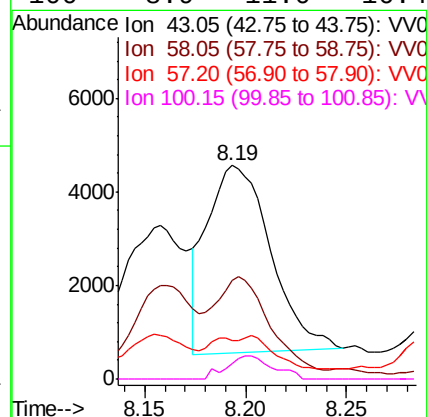
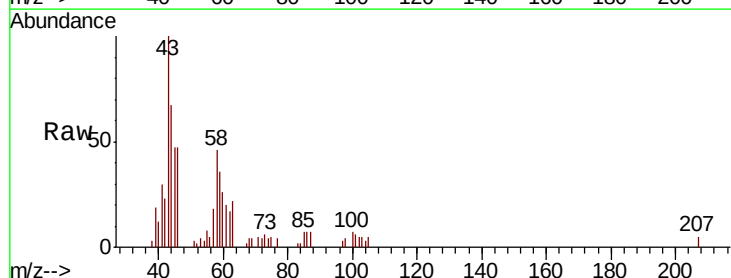
Ion Ratio Lower Upper

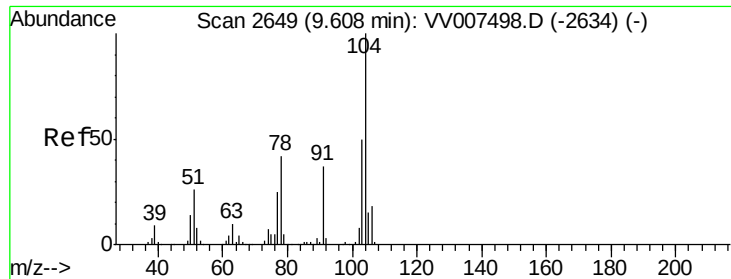
43 100

58 41.9 47.9 71.9#

57 10.2 16.2 24.2#

100 8.9 11.0 16.4#





#55

Styrene

Concen: 0.358 ug/L

RT: 9.61 min Scan# 2650

Delta R.T. 0.00 min

Lab File: VV007500.D

Acq: 13 Sep 2018 02:46

Instrument :

MSVOA_V

ClientSampled :

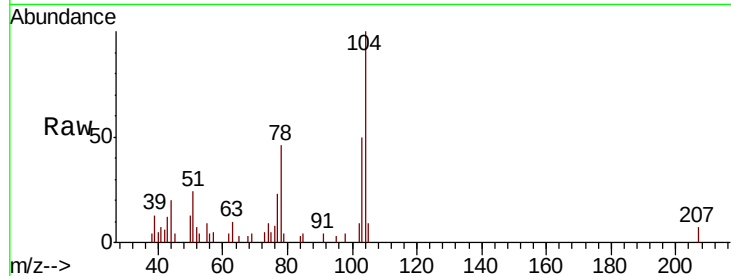
C0KP9

Tgt Ion:104 Resp: 6551

Ion Ratio Lower Upper

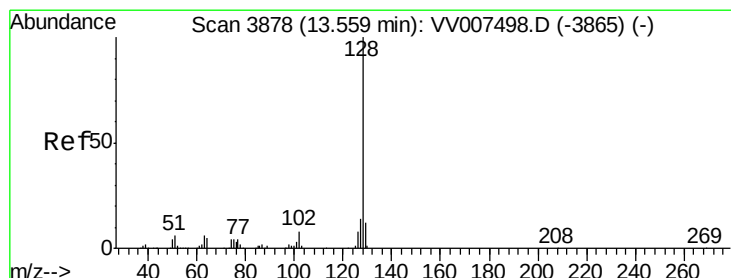
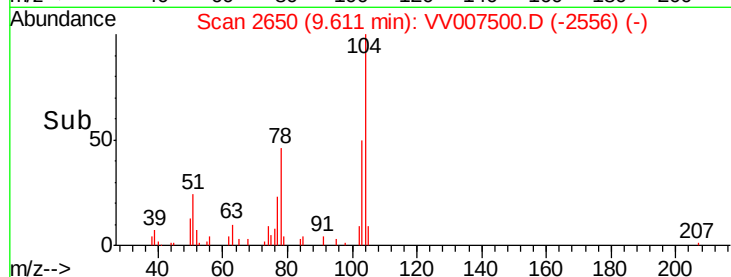
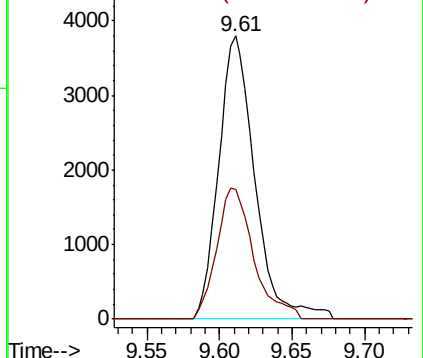
104 100

78 45.9 32.4 60.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#69

Naphthalene

Concen: 0.066 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VV007500.D

Acq: 13 Sep 2018 02:46

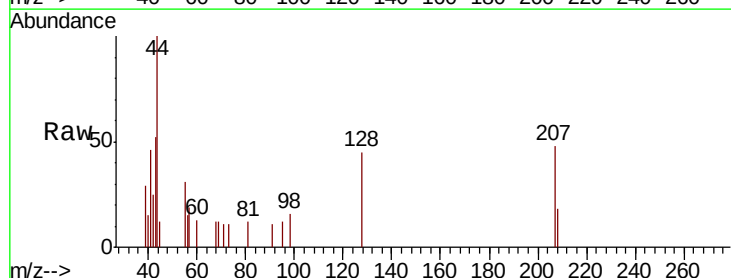
Tgt Ion:128 Resp: 862

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.8 16.2#



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

