

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091218\
 Data File : VV007505.D
 Acq On : 13 Sep 2018 05:03
 Operator : SY/MD
 Sample : J4872-04
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KP2

Quant Time: Sep 13 07:20:24 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	120430	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	108876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57610	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32209	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.58	69	25651	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	52588	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	3.96	46	61432	44.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.54%
24) Chloroform-d	4.41	84	60995	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	32668	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	120593	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.13	67	36441	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	119776	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	16592	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	34274	39.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25406	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	49905	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

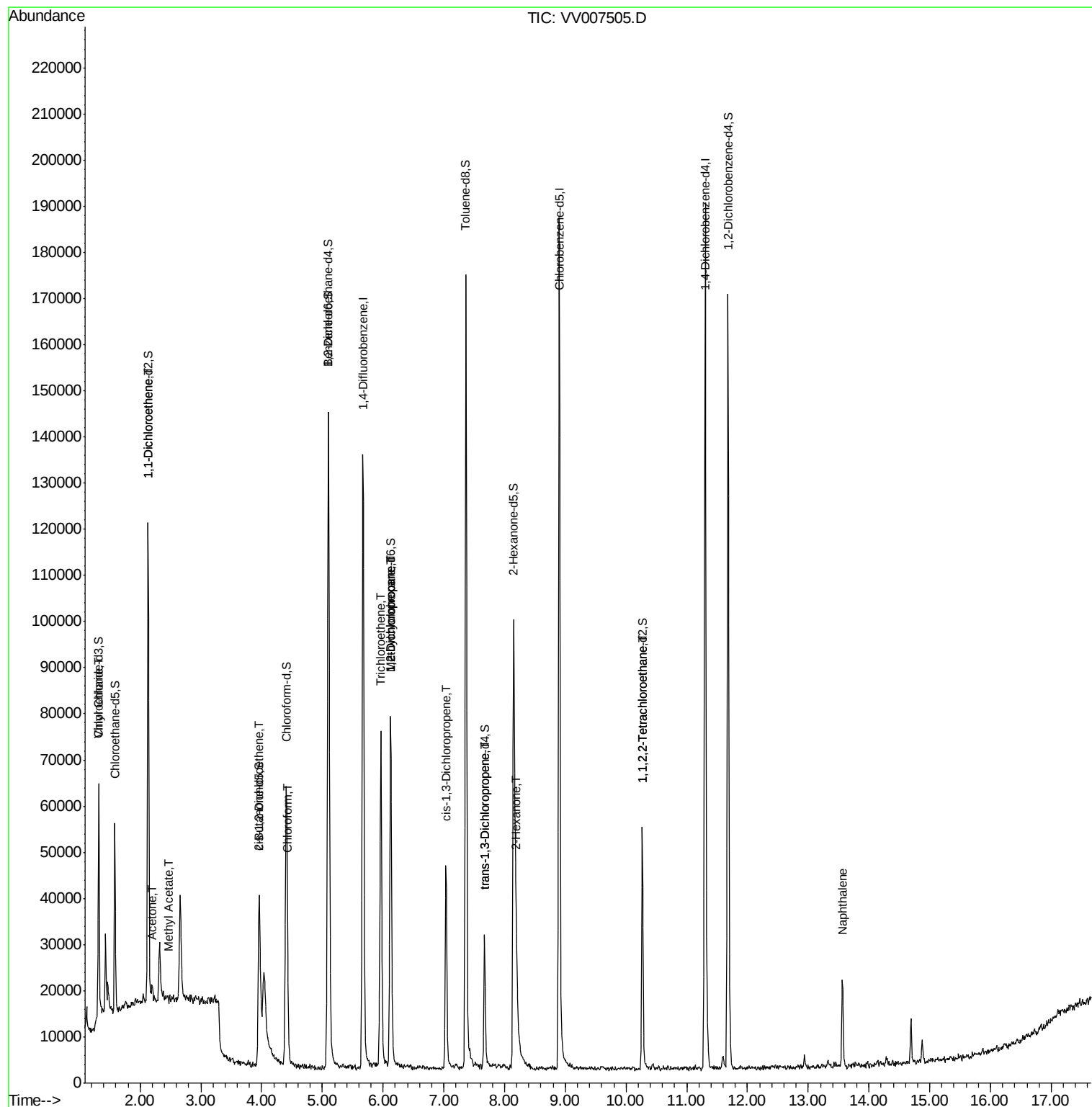
					Qvalue
8) Chloroethane	1.32	64	434	0.103 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	1918	0.309 ug/L #	1
13) Acetone	2.20	43	2409	2.974 ug/L	81
15) Methyl Acetate	2.46	43	428	0.191 ug/L #	87
22) cis-1,2-Dichloroethene	3.97	96	878	0.135 ug/L #	85
25) Chloroform	4.43	83	2852	0.255 ug/L	95
34) Trichloroethene	5.96	95	23906	3.338 ug/L	94
35) Methylcyclohexane	6.13	83	9528	0.858 ug/L #	23
37) 1,2-Dichloropropane	6.13	63	4587	0.763 ug/L #	86
39) cis-1,3-Dichloropropene	7.04	75	1250	0.129 ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	695	0.086 ug/L #	14
48) 2-Hexanone	8.20	43	8682	3.482 ug/L #	77
58) 1,1,2,2-Tetrachloroethane	10.27	83	336	0.067 ug/L #	8
69) Naphthalene	13.56	128	15098	1.136 ug/L	99

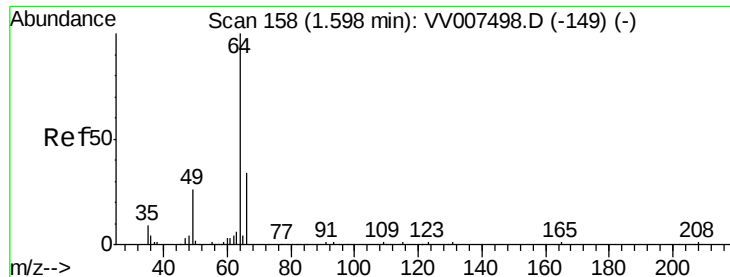
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 13 07:19:10 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.103 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV007505.D

Acq: 13 Sep 2018 05:03

Instrument :

MSVOA_V

ClientSampled :

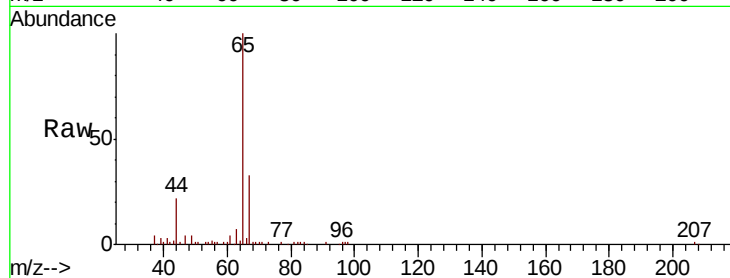
C0KP2

Tgt Ion: 64 Resp: 434

Ion Ratio Lower Upper

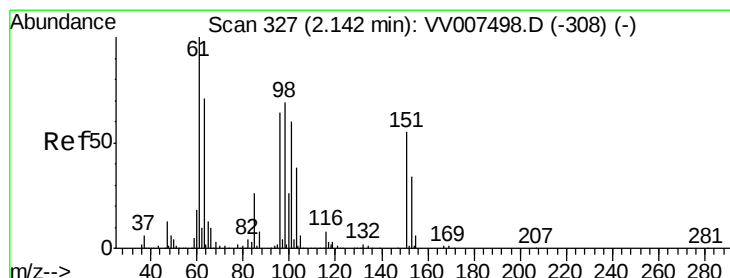
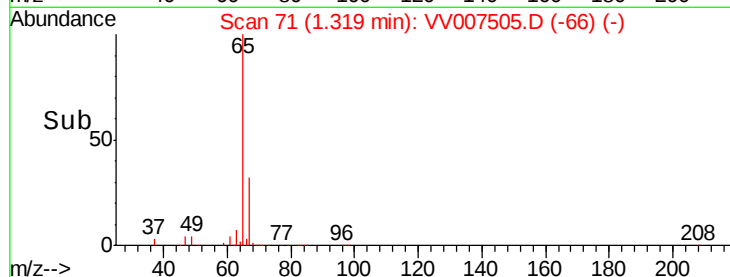
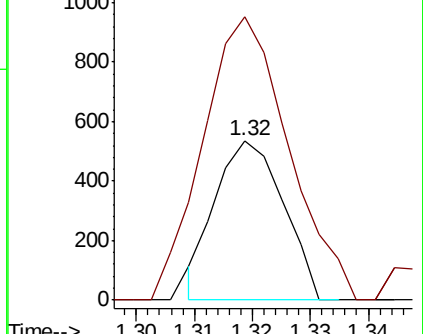
64 100

66 177.9 23.5 43.7#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#12

1,1-Dichloroethene

Concen: 0.309 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV007505.D

Acq: 13 Sep 2018 05:03

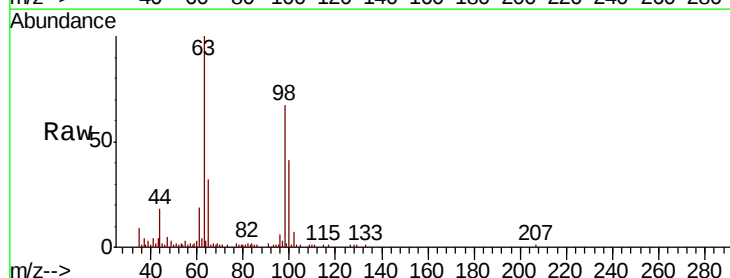
Tgt Ion: 96 Resp: 1918

Ion Ratio Lower Upper

96 100

61 306.3 108.0 200.6#

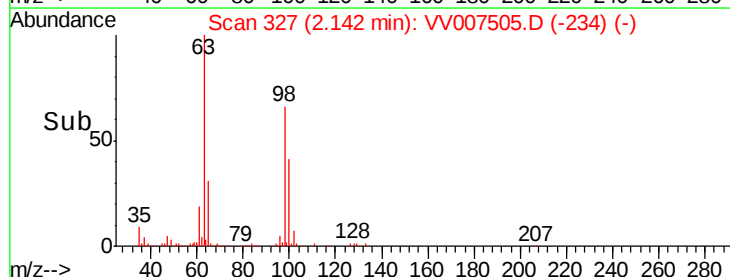
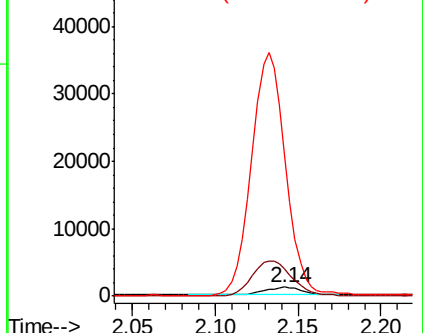
63 1573.0 85.7 159.1#

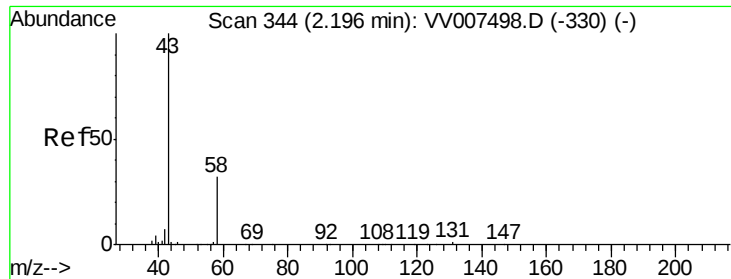


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.974 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

Lab File: VV007505.D

Acq: 13 Sep 2018 05:03

Instrument :

MSVOA_V

ClientSampleId :

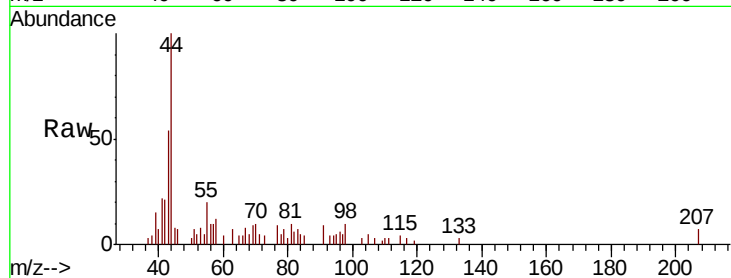
C0KP2

Tgt Ion: 43 Resp: 2409

Ion Ratio Lower Upper

43 100

58 43.5 0.0 65.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

2500

2000

1500

1000

500

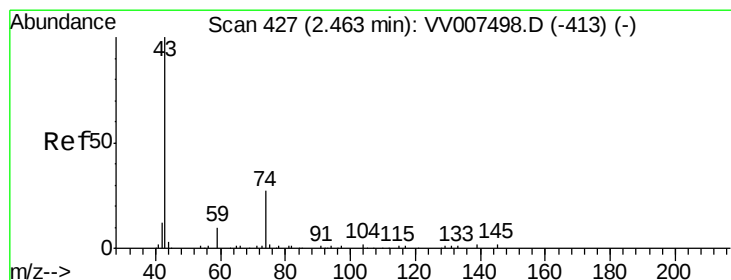
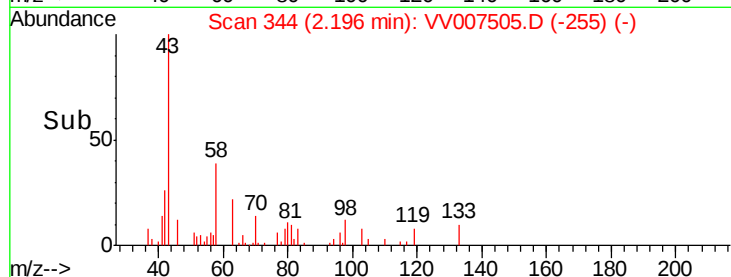
0

Time-->

2.15

2.20

2.25



#15

Methyl Acetate

Concen: 0.191 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV007505.D

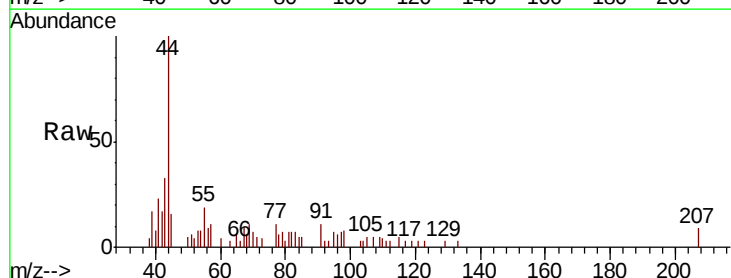
Acq: 13 Sep 2018 05:03

Tgt Ion: 43 Resp: 428

Ion Ratio Lower Upper

43 100

74 31.5 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.46

1000

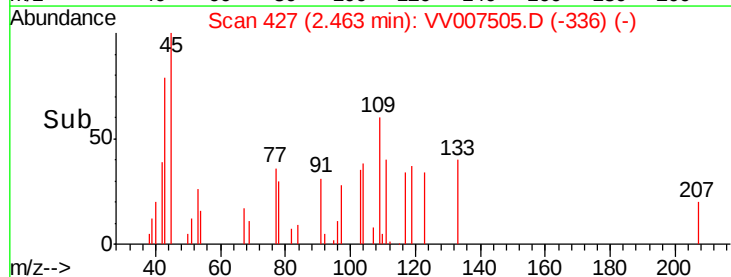
500

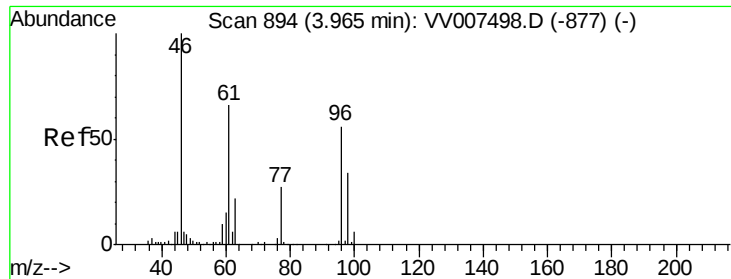
0

Time-->

2.45

2.50



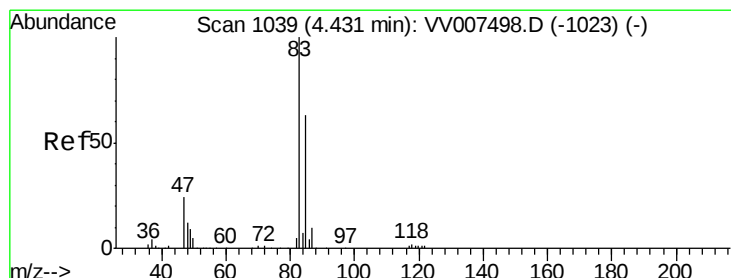
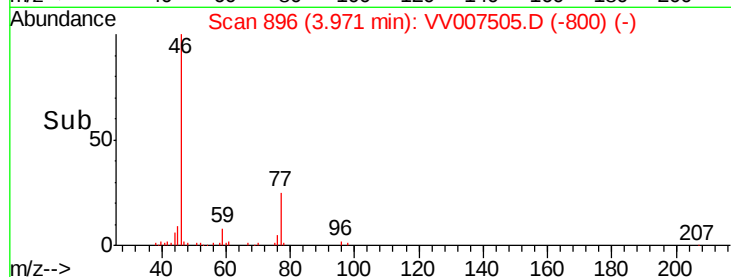
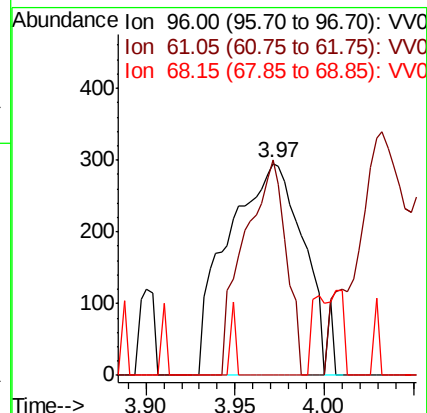
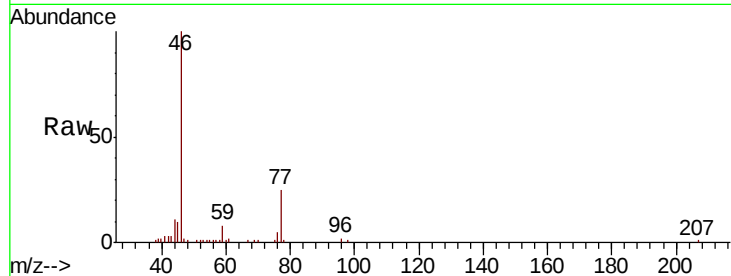


#22

cis-1,2-Dichloroethene
 Concen: 0.135 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV007505.D
 Acq: 13 Sep 2018 05:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KP2

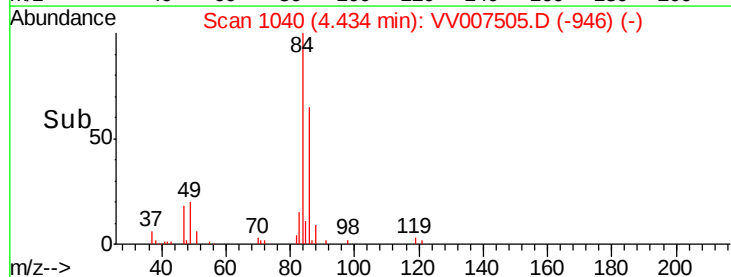
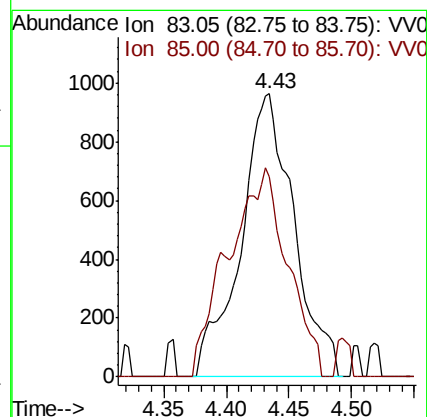
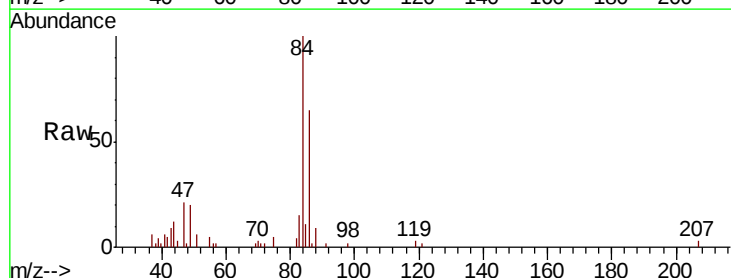
Tgt Ion: 96 Resp: 878
 Ion Ratio Lower Upper
 96 100
 61 101.7 82.6 153.4
 68 0.0 1.2 2.2#

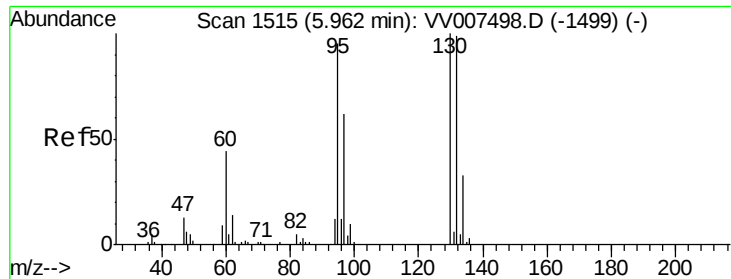


#25

Chloroform
 Concen: 0.255 ug/L
 RT: 4.43 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VV007505.D
 Acq: 13 Sep 2018 05:03

Tgt Ion: 83 Resp: 2852
 Ion Ratio Lower Upper
 83 100
 85 70.8 46.6 86.6

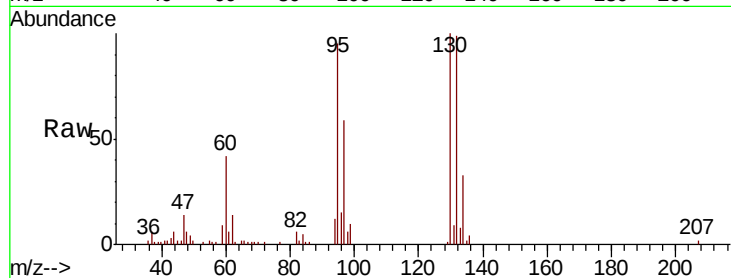




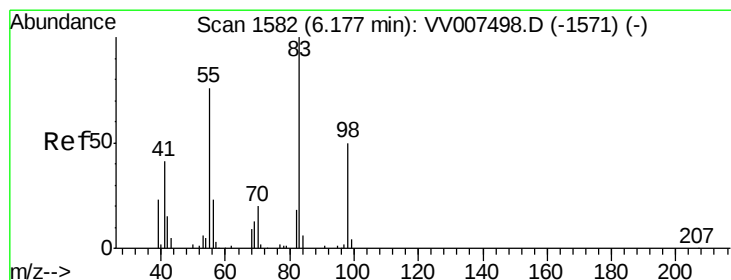
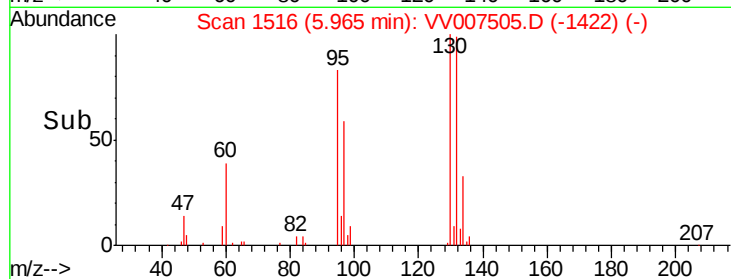
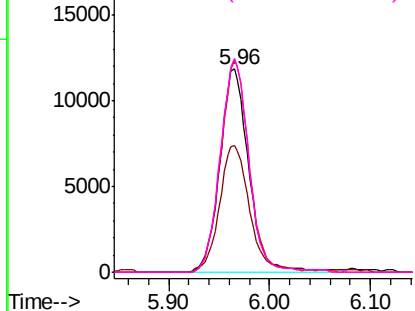
#34
 Trichloroethene
 Concen: 3.338 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV007505.D
 Acq: 13 Sep 2018 05:03

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KP2

Tgt Ion:	95	Resp:	23906
Ion	Ratio	Lower	Upper
95	100		
97	62.2	42.8	79.4
132	104.3	67.6	125.6
130	105.1	69.6	129.2

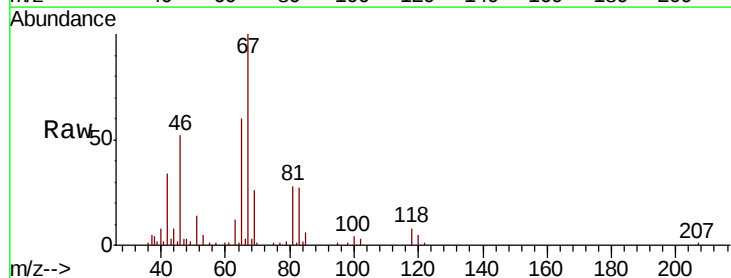


Abundance Ion 95.00 (94.70 to 95.70): VV007498.D (-1499) (-)
 Ion 96.95 (96.65 to 97.65): VV007498.D (-1499) (-)
 Ion 131.95 (131.65 to 132.65): VV007498.D (-1499) (-)
 Ion 129.95 (129.65 to 130.65): VV007498.D (-1499) (-)

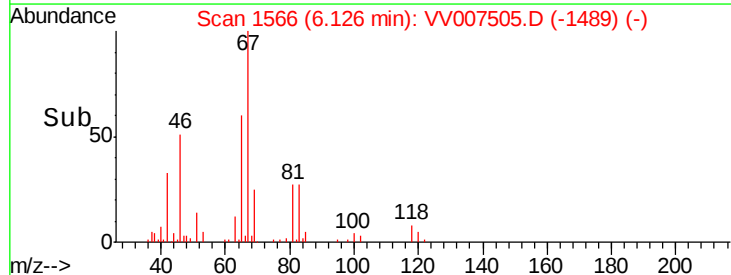
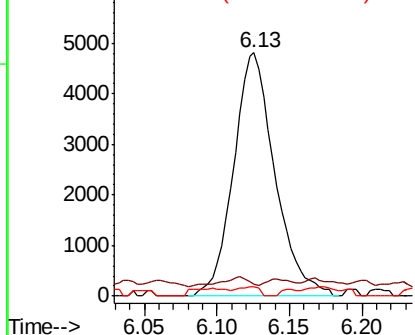


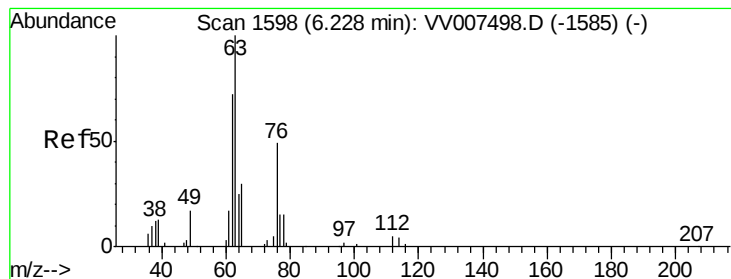
#35
 Methylcyclohexane
 Concen: 0.858 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV007505.D
 Acq: 13 Sep 2018 05:03

Tgt Ion:	83	Resp:	9528
Ion	Ratio	Lower	Upper
83	100		
55	2.4	57.4	86.0#
98	2.0	38.8	58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV007498.D (-1571) (-)
 Ion 55.10 (54.80 to 55.80): VV007498.D (-1571) (-)
 Ion 98.15 (97.85 to 98.85): VV007498.D (-1571) (-)





#37

1,2-Dichloropropane

Concen: 0.763 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV007505.D

Acq: 13 Sep 2018 05:03

Instrument :

MSVOA_V

ClientSampleId :

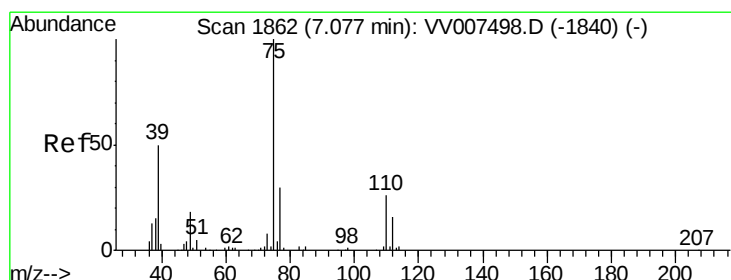
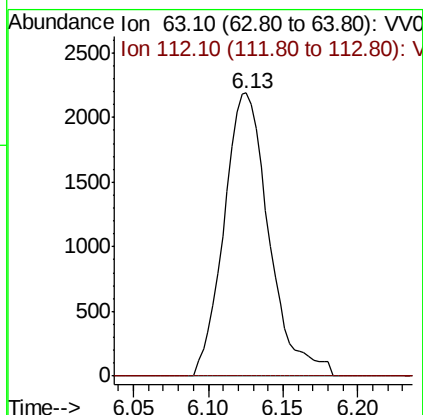
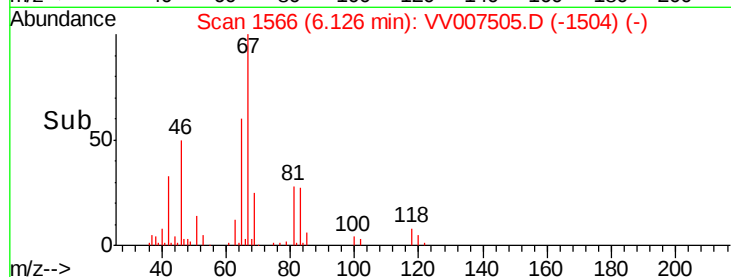
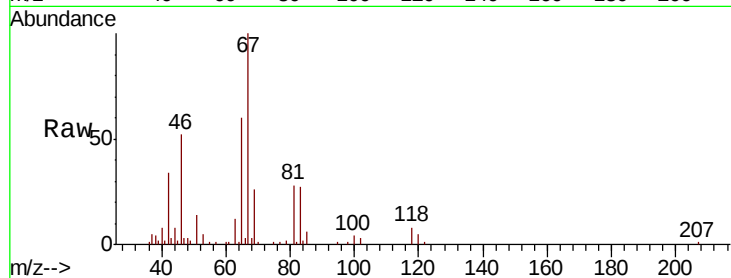
C0KP2

Tgt Ion: 63 Resp: 4587

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV007505.D

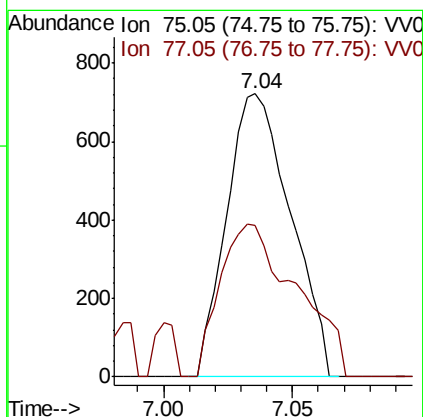
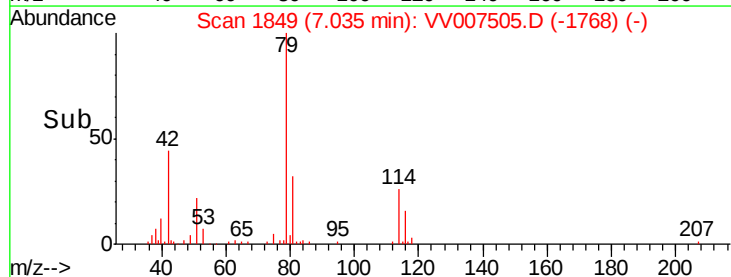
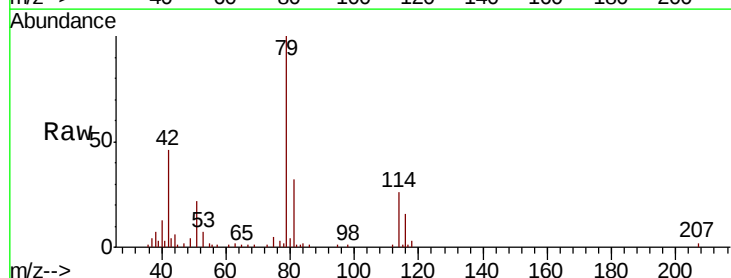
Acq: 13 Sep 2018 05:03

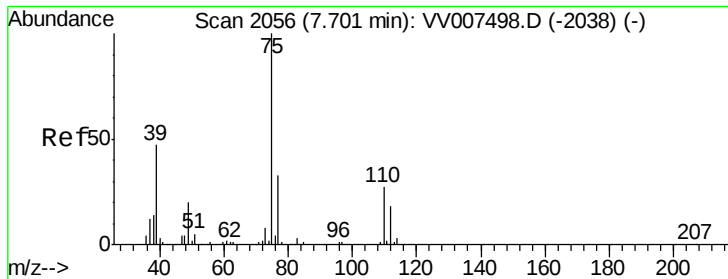
Tgt Ion: 75 Resp: 1250

Ion Ratio Lower Upper

75 100

77 53.6 22.7 42.1#

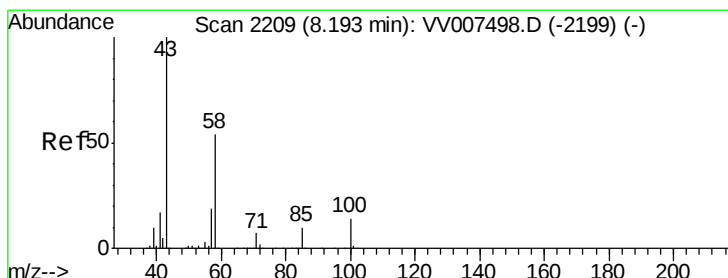
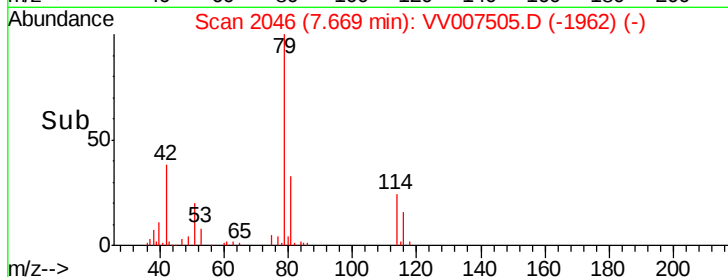
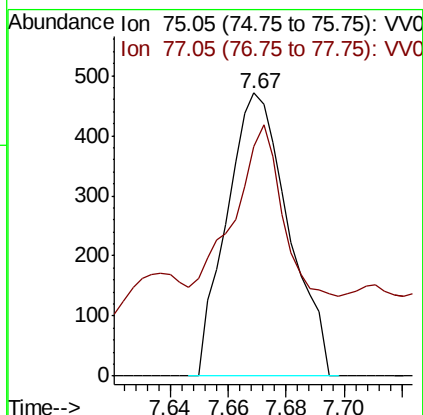
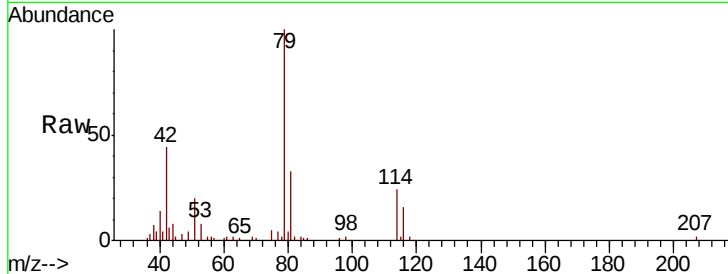




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV007505.D
Acq: 13 Sep 2018 05:03

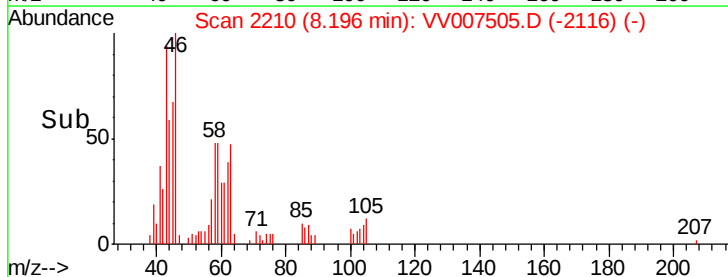
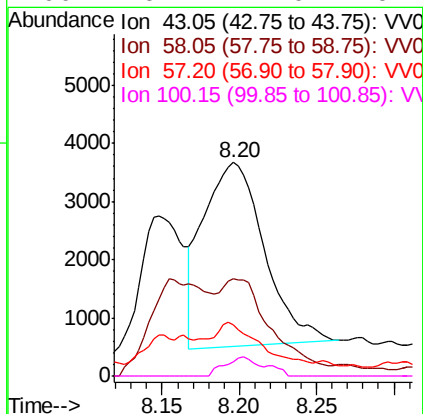
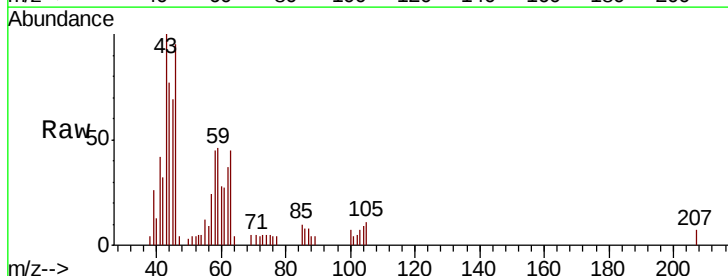
Instrument :
MSVOA_V
ClientSampled :
C0KP2

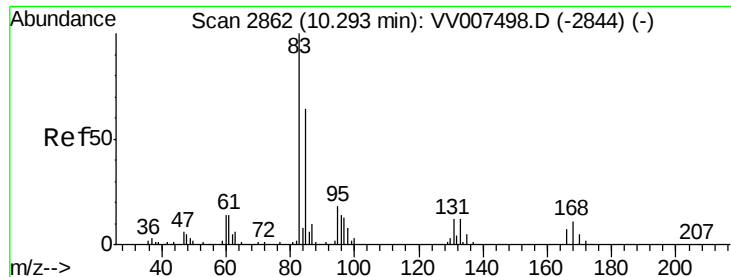
Tgt Ion: 75 Resp: 695
Ion Ratio Lower Upper
75 100
77 81.3 23.0 42.8#



#48
2-Hexanone
Concen: 3.482 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV007505.D
Acq: 13 Sep 2018 05:03

Tgt Ion: 43 Resp: 8682
Ion Ratio Lower Upper
43 100
58 38.3 47.9 71.9#
57 14.5 16.2 24.2#
100 6.7 11.0 16.4#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.067 ug/L

RT: 10.27 min Scan# 2856

Delta R.T. -0.02 min

Lab File: VV007505.D

Acq: 13 Sep 2018 05:03

Instrument :

MSVOA_V

ClientSampleId :

C0KP2

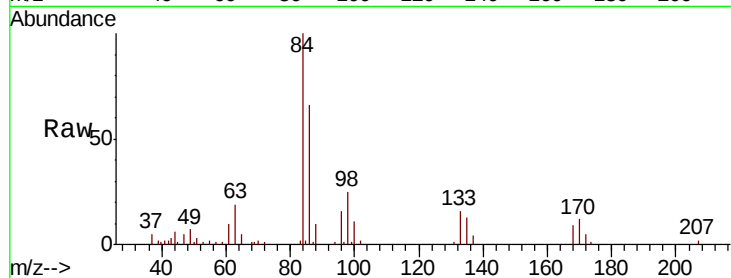
Tgt Ion: 83 Resp: 336

Ion Ratio Lower Upper

83 100

85 128.8 48.2 89.4#

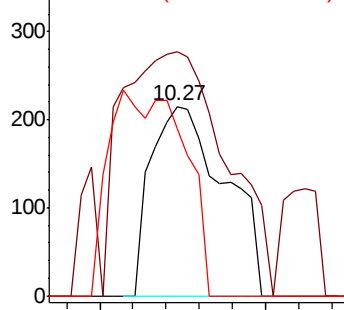
131 88.4 8.9 13.3#



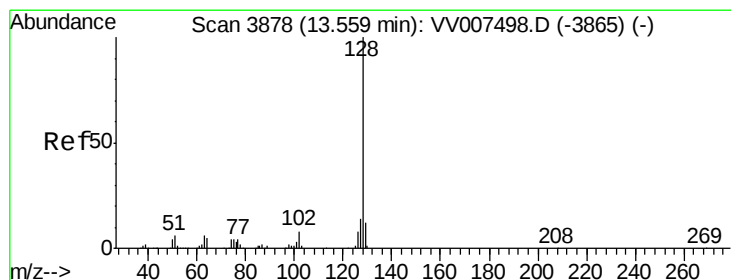
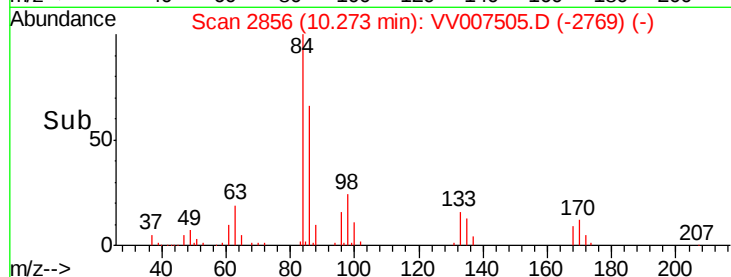
Abundance Ion 82.95 (82.65 to 83.65): VV007498.D (-2844) (-)

Ion 85.00 (84.70 to 85.70): VV007498.D (-2844) (-)

Ion 130.95 (130.65 to 131.65): VV007498.D (-2844) (-)



Time-->



#69

Naphthalene

Concen: 1.136 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VV007505.D

Acq: 13 Sep 2018 05:03

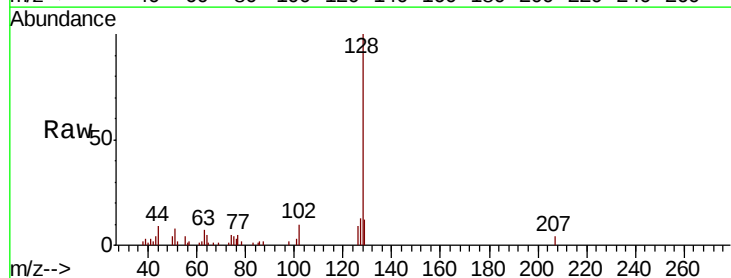
Tgt Ion: 128 Resp: 15098

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

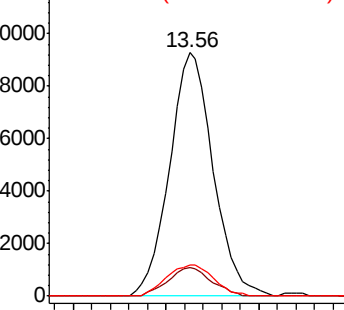
127 13.8 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): VV007498.D (-3865) (-)

Ion 129.00 (128.70 to 129.70): VV007498.D (-3865) (-)

Ion 127.00 (126.70 to 127.70): VV007498.D (-3865) (-)



Time-->

