

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008207.D
 Acq On : 09 Oct 2018 18:42
 Operator : SY/MD
 Sample : J5282-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYN9

Quant Time: Oct 10 03:14:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 03:08:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	98120	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96149	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25487	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.59	69	21982	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.13	63	37474	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.97	46	81852	56.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.98%
24) Chloroform-d	4.41	84	57891	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.09	65	30293	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	110406	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.13	67	35830	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	96173	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	12214	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.14	63	48385	44.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23846	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	40336	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

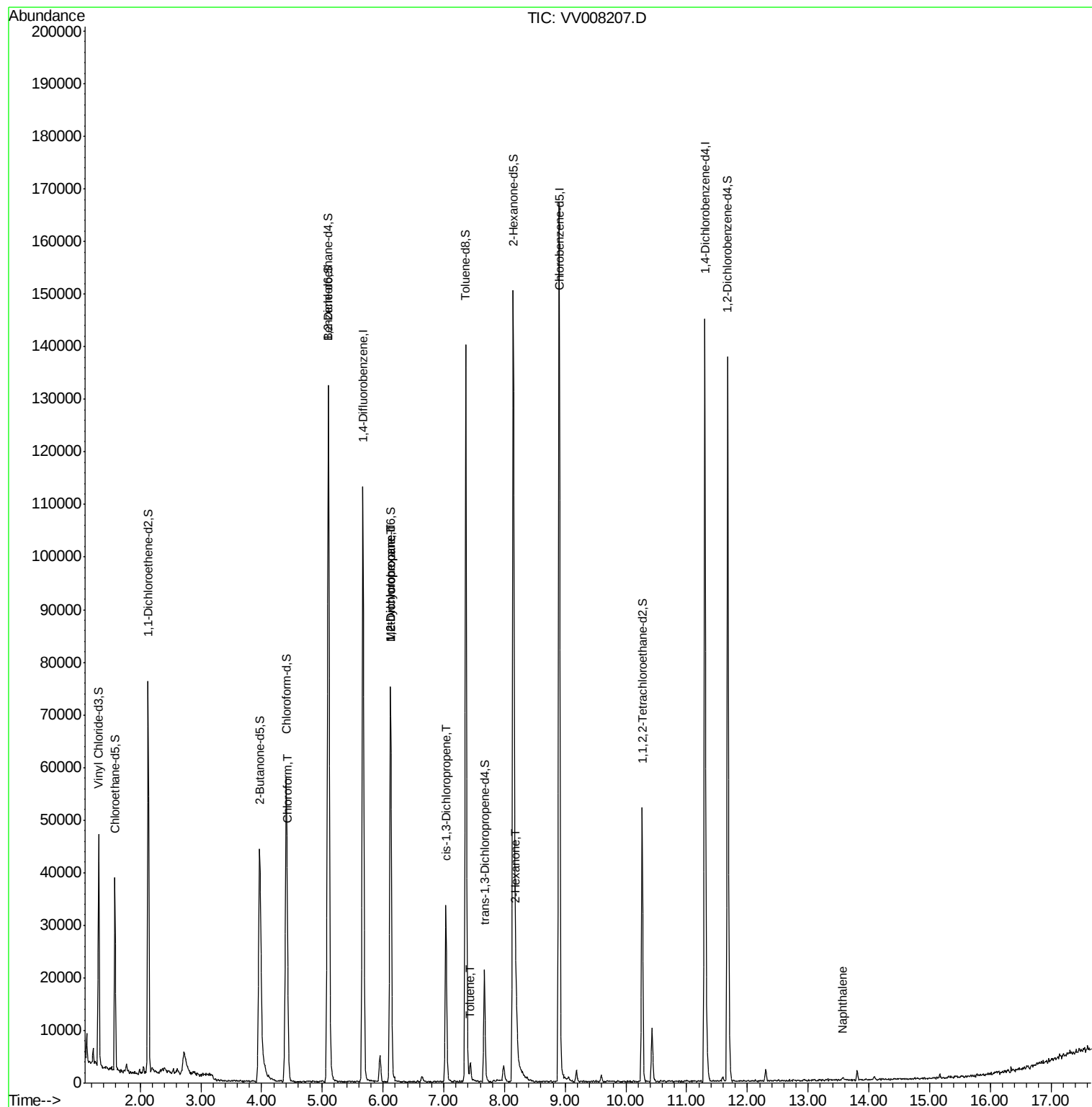
					Ovalue
25) Chloroform	4.43	83	2040	0.172 ug/L	95
35) Methylcyclohexane	6.13	83	8721	0.882 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	3827	0.585 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	855	0.102 ug/L #	51
42) Toluene	7.44	91	2659	0.103 ug/L	88
48) 2-Hexanone	8.19	43	8130	3.228 ug/L #	88
69) Naphthalene	13.57	128	837	0.077 ug/L #	70

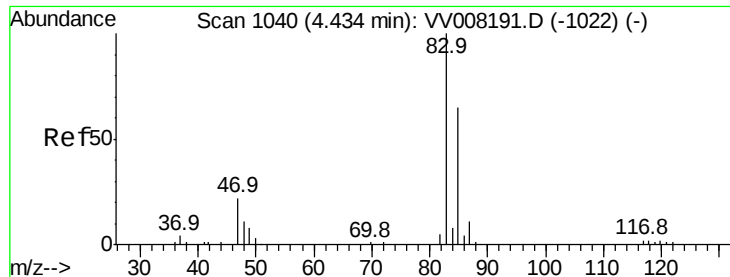
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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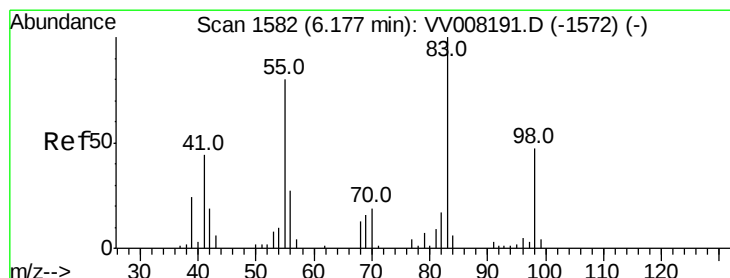
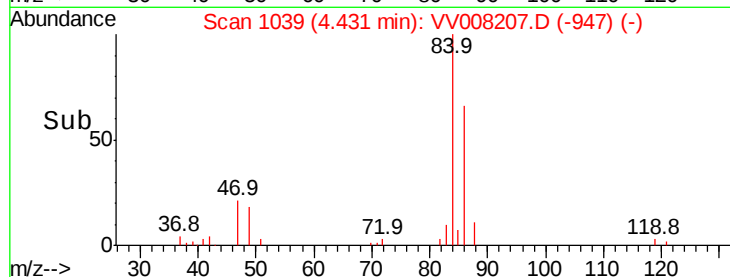
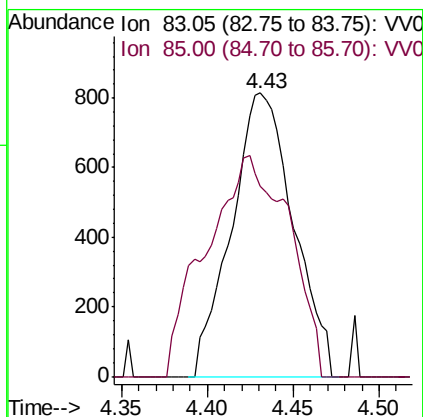
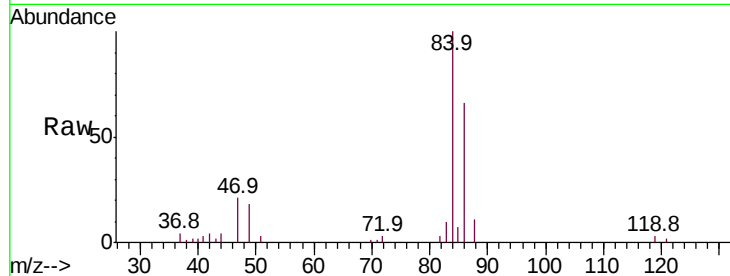




#25
Chloroform
Concen: 0.172 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008207.D
Acq: 09 Oct 2018 18:42

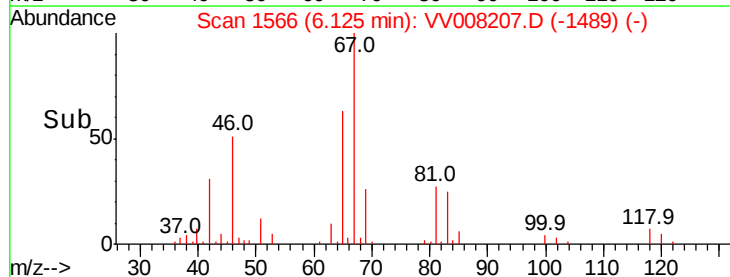
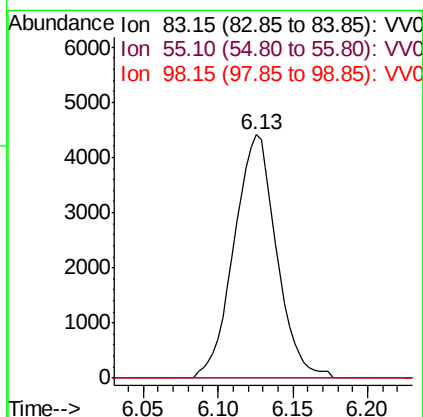
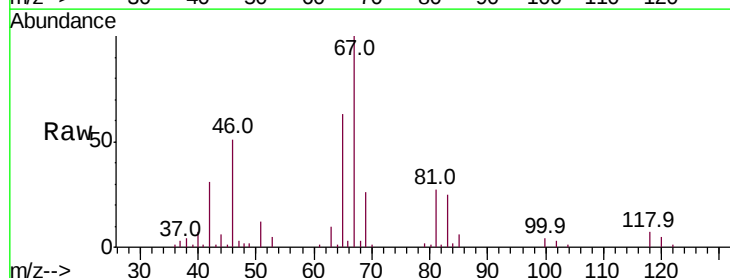
Instrument :
MSVOA_V
ClientSampleId :
BEYN9

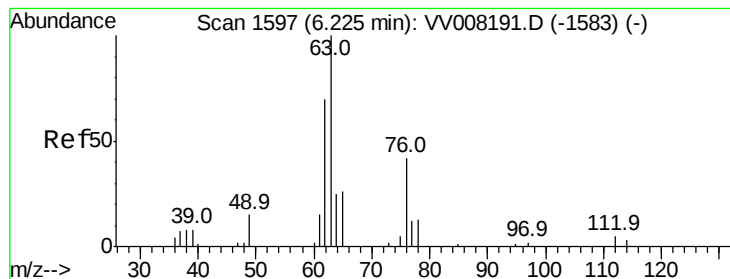
Tot Ion: 83 Resp: 2040
Ion Ratio Lower Upper
83 100
85 67.3 44.6 82.8



#35
Methylcyclohexane
Concen: 0.882 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008207.D
Acq: 09 Oct 2018 18:42

Tgt Ion: 83 Resp: 8721
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.7 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.585 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008207.D

Acq: 09 Oct 2018 18:42

Instrument :

MSVOA_V

ClientSampleId :

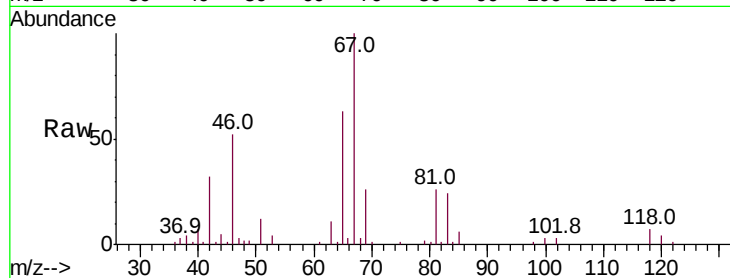
BEYN9

Tot Ion: 63 Resp: 3827

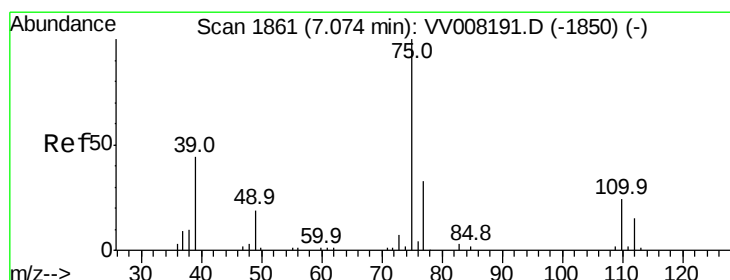
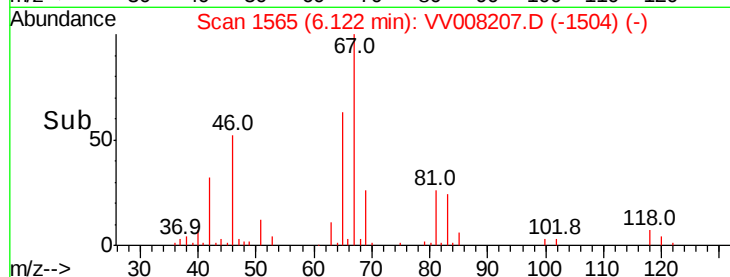
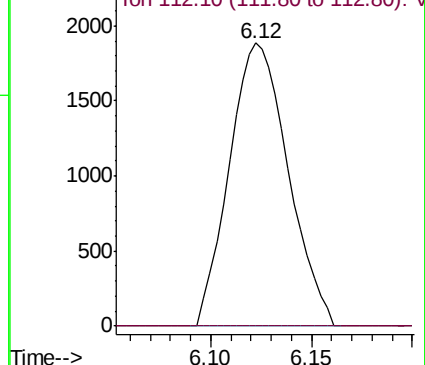
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV008191.D (-1583) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.04 min Scan# 1851

Delta R.T. -0.03 min

Lab File: VV008207.D

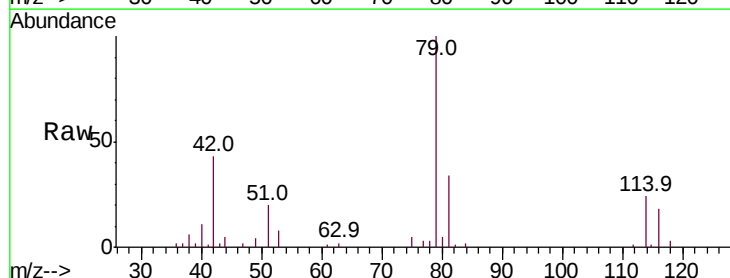
Acq: 09 Oct 2018 18:42

Tgt Ion: 75 Resp: 855

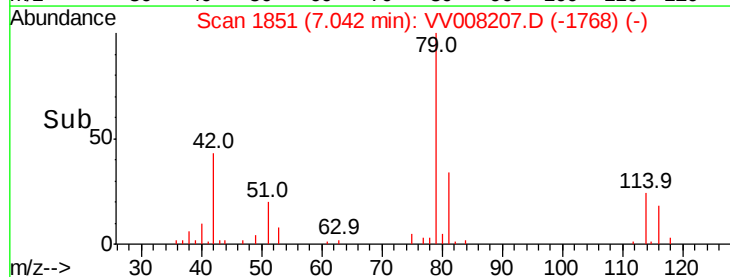
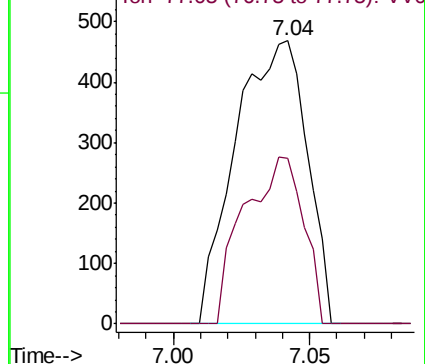
Ion Ratio Lower Upper

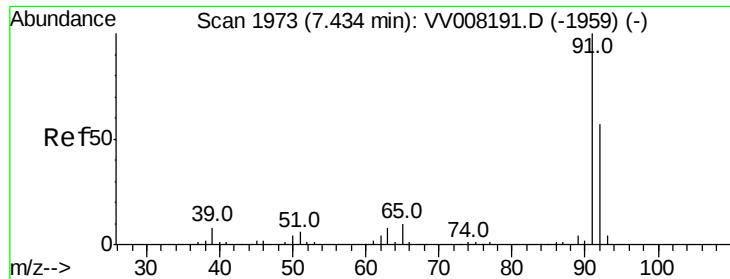
75 100

77 58.5 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV008191.D (-1850) (-)





#42

Toluene

Concen: 0.103 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008207.D

Acq: 09 Oct 2018 18:42

Instrument :

MSVOA_V

ClientSampleId :

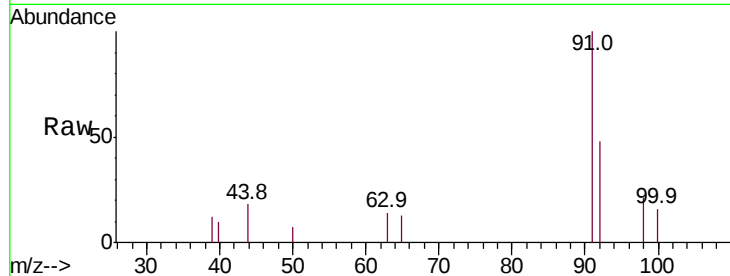
BEYN9

Tot Ion: 91 Resp: 2659

Ion Ratio Lower Upper

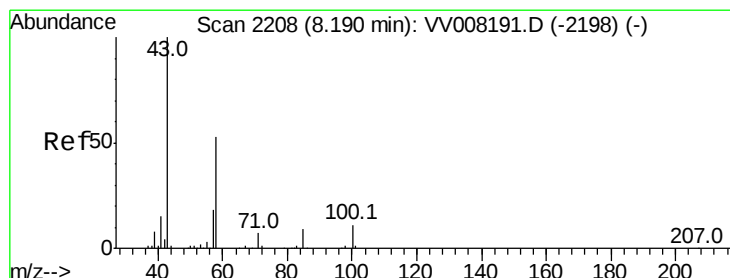
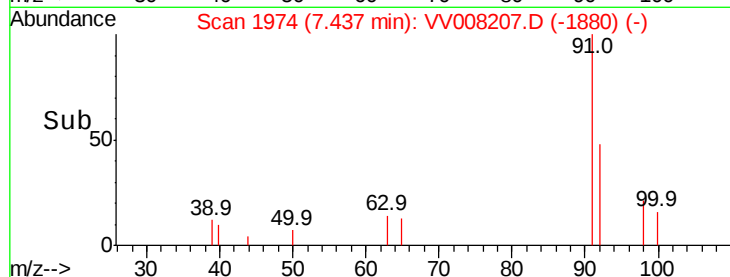
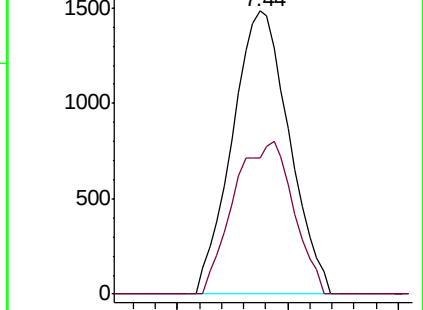
91 100

92 48.1 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV008191.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV008191.D (-1959) (-)



#48

2-Hexanone

Concen: 3.228 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008207.D

Acq: 09 Oct 2018 18:42

Tgt Ion: 43 Resp: 8130

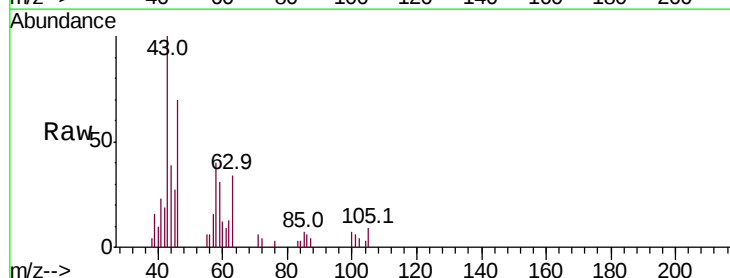
Ion Ratio Lower Upper

43 100

58 41.6 40.5 60.7

57 13.9 14.6 22.0#

100 6.3 9.3 13.9#

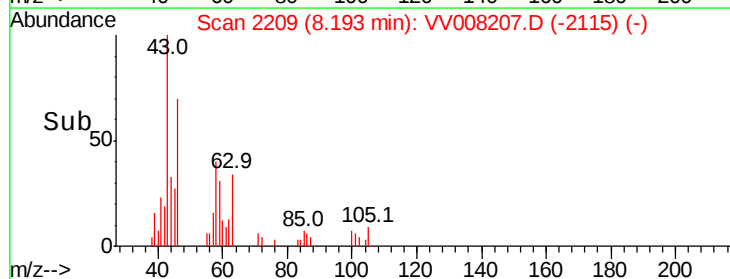
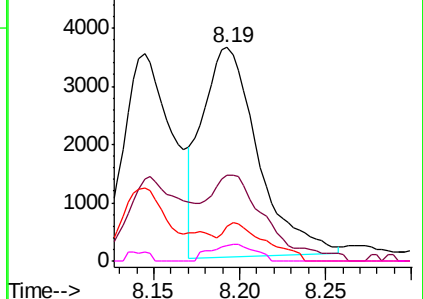


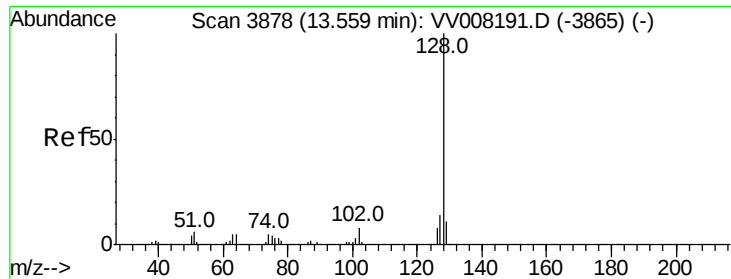
Abundance Ion 43.05 (42.75 to 43.75): VV008191.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008191.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008191.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008191.D (-2198) (-)





#69

Naphthalene

Concen: 0.077 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.01 min

Lab File: VV008207.D

Acq: 09 Oct 2018 18:42

Instrument :

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ClientSampleId :

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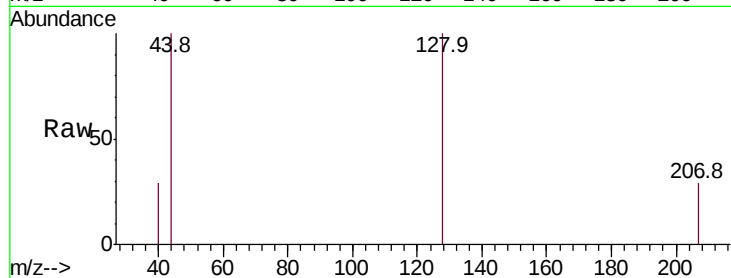
Tot Ion:128 Resp: 837

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

