

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008206.D
 Acq On : 09 Oct 2018 18:14
 Operator : SY/MD
 Sample : J5282-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYN8

Quant Time: Oct 10 03:13:56 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	101946	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	99791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45687	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26209	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.59	69	22382	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.14	63	39705	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.97	46	84609	56.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.40%
24) Chloroform-d	4.41	84	59381	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	30416	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.10	84	113047	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.13	67	37279	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.36	98	98659	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.67	79	12410	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.14	63	51256	45.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24960	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	42757	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

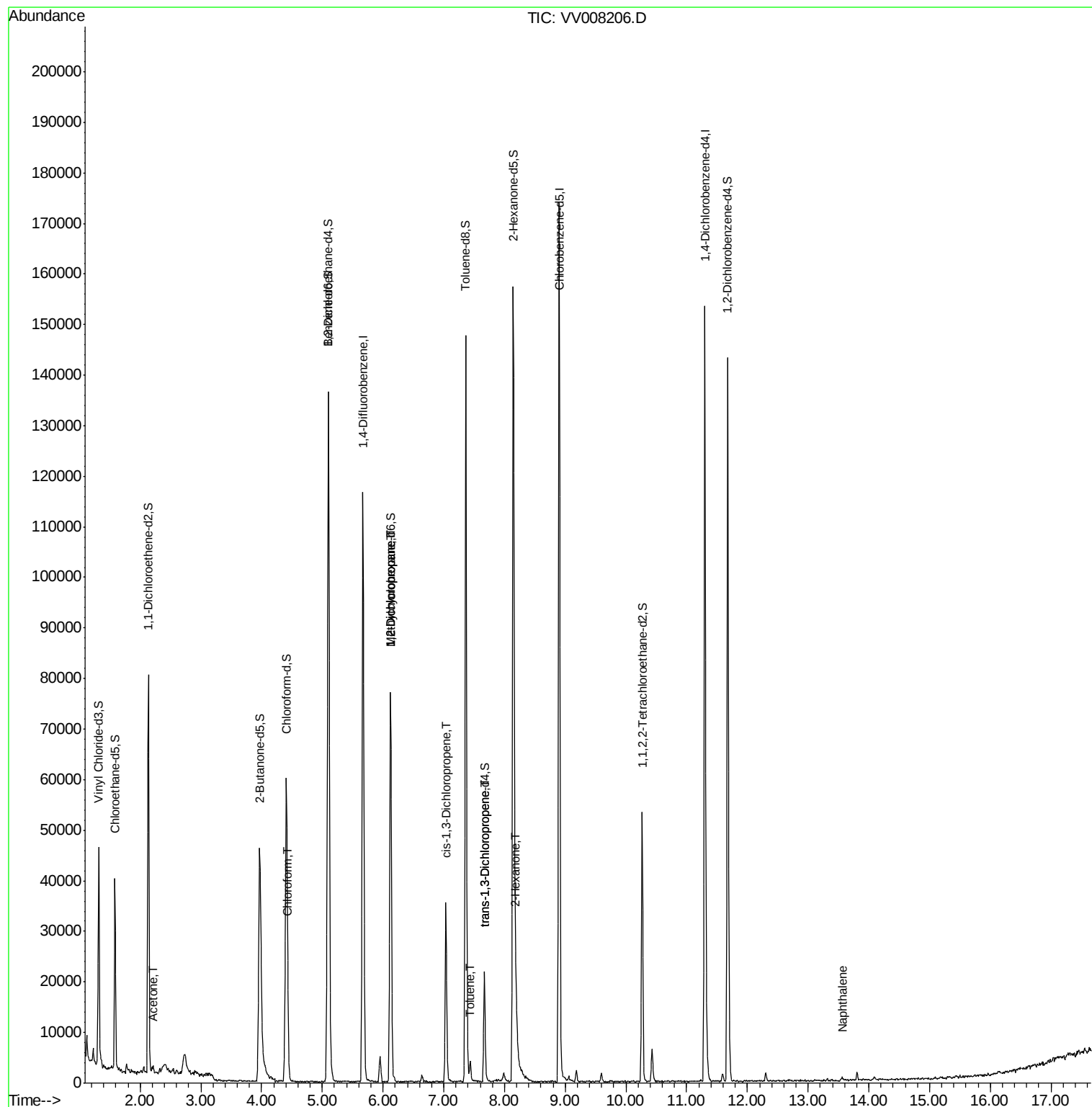
					Ovalue
13) Acetone	2.22	43	1510	1.480	ug/L 72
25) Chloroform	4.44	83	2265	0.183	ug/L 98
35) Methylcyclohexane	6.12	83	9017	0.878	ug/L # 17
37) 1,2-Dichloropropane	6.13	63	3884	0.572	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	865	0.099	ug/L # 52
42) Toluene	7.44	91	2548	0.095	ug/L 98
44) trans-1,3-Dichloropropene	7.67	75	576	0.081	ug/L # 79
48) 2-Hexanone	8.19	43	8027	3.071	ug/L # 86
69) Naphthalene	13.57	128	867	0.079	ug/L # 78

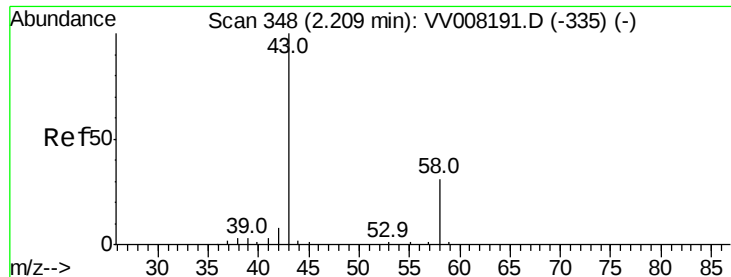
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.480 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV008206.D

Acq: 09 Oct 2018 18:14

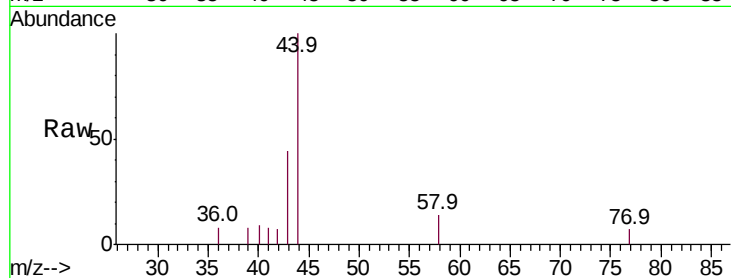
Instrument :
MSVOA_V
ClientSampleId :
BEYN8

Tot Ion: 43 Resp: 1510

Ion Ratio Lower Upper

43 100

58 15.4 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008191.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008191.D (-335) (-)

800

600

400

200

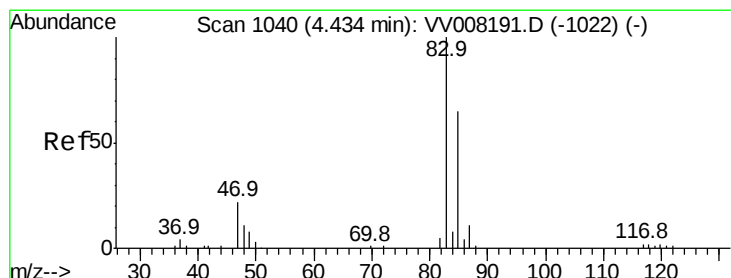
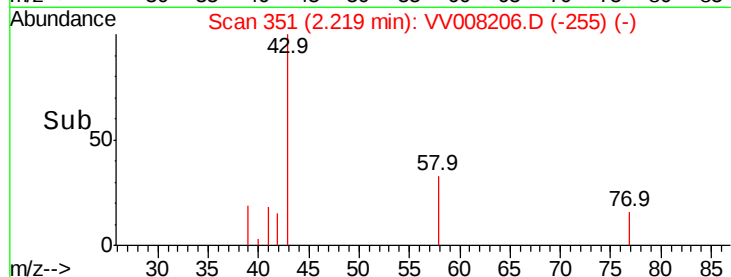
0

2.15

2.20

2.25

Time-->



#25

Chloroform

Concen: 0.183 ug/L

RT: 4.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VV008206.D

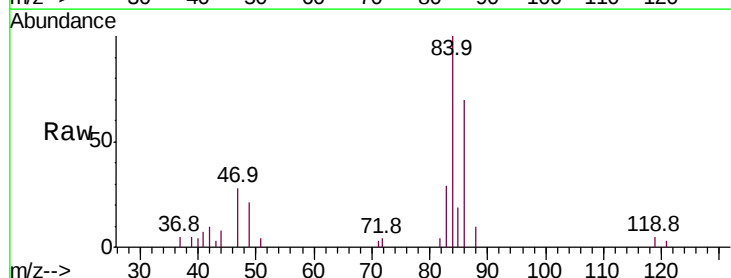
Acq: 09 Oct 2018 18:14

Tgt Ion: 83 Resp: 2265

Ion Ratio Lower Upper

83 100

85 65.2 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV008191.D (-1022) (-)

Ion 85.00 (84.70 to 85.70): VV008191.D (-1022) (-)

1000

800

600

400

200

0

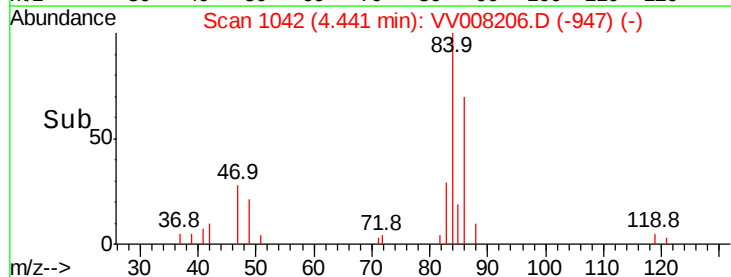
4.35

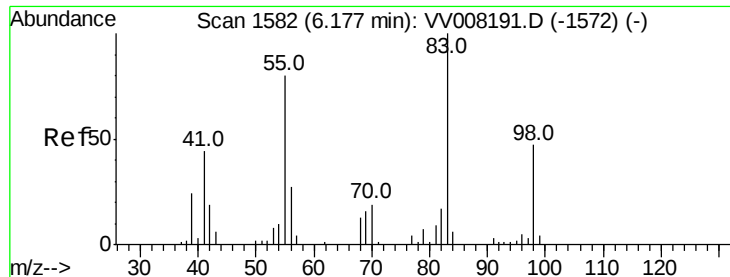
4.40

4.45

4.50

Time-->

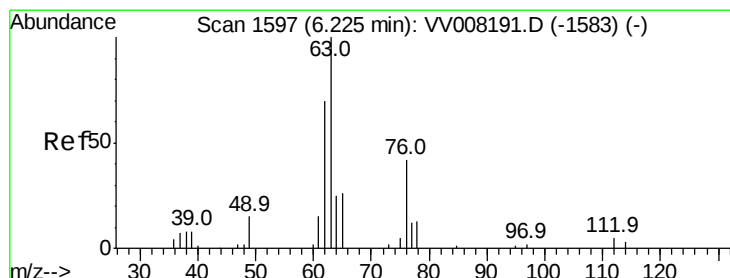
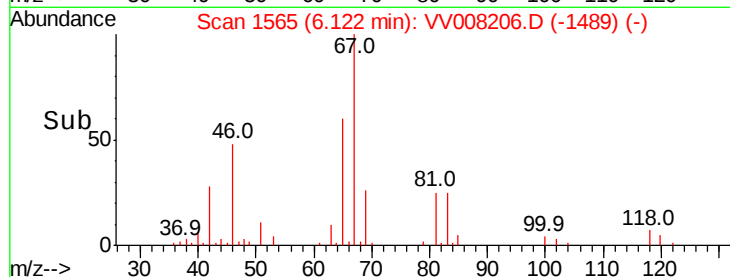
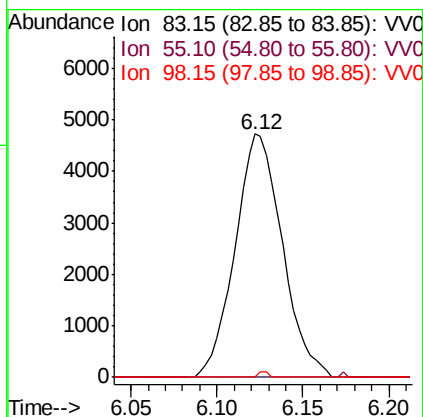
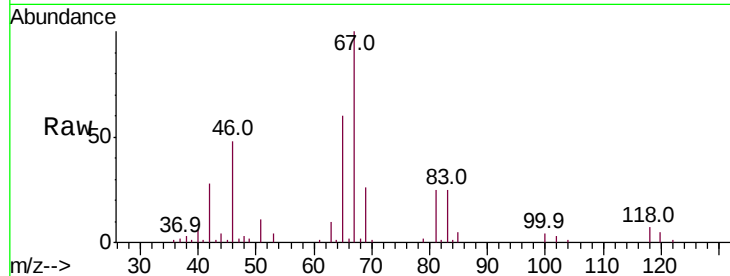




#35
Methylvlcvclohexane
Concen: 0.878 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008206.D
Acq: 09 Oct 2018 18:14

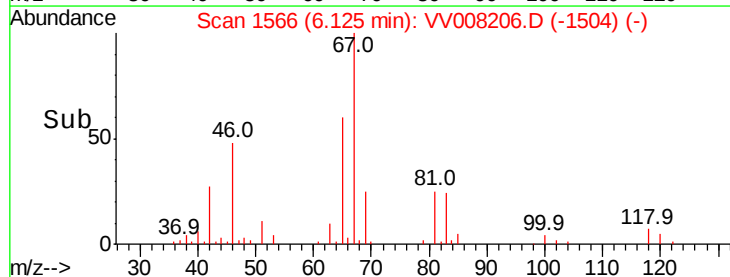
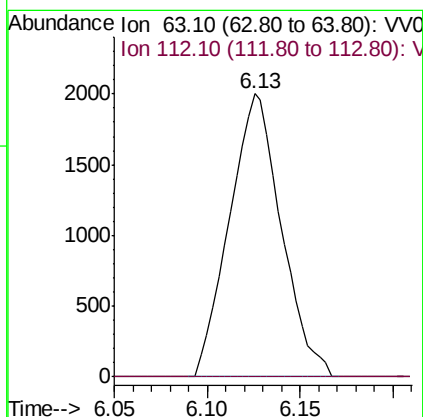
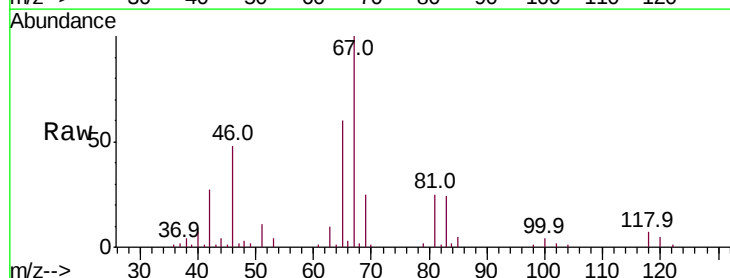
Instrument :
MSVOA_V
ClientSampleId :
BEYN8

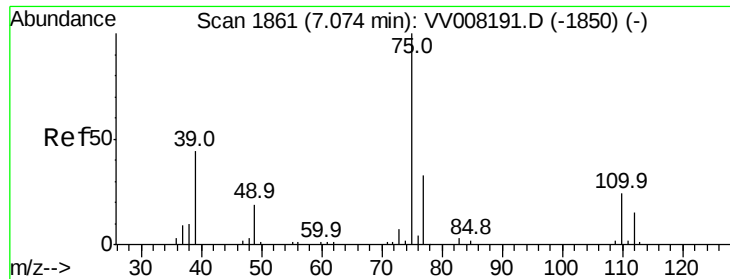
Tot Ion: 83 Resp: 9017
Ion Ratio Lower Upper
83 100
55 0.2 63.6 95.4#
98 0.5 38.3 57.5#



#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008206.D
Acq: 09 Oct 2018 18:14

Tgt Ion: 63 Resp: 3884
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.04 min Scan# 1850

Delta R.T. -0.04 min

Lab File: VV008206.D

Acq: 09 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

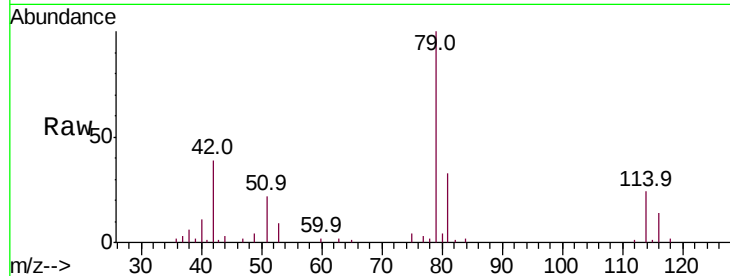
BEYN8

Tot Ion: 75 Resp: 865

Ion Ratio Lower Upper

75 100

77 58.1 22.1 41.1#



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

Ion 77.05 (76.75 to 77.75): VV008191.D (-1850) (-)

7.04

500

400

300

200

100

0

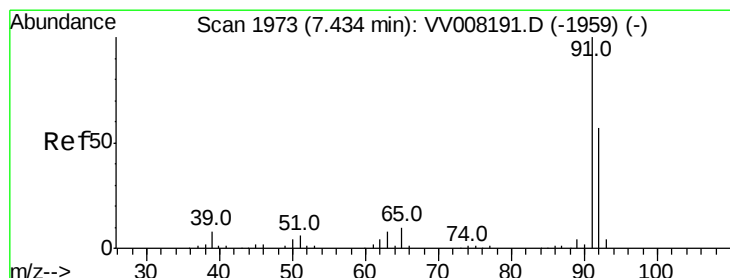
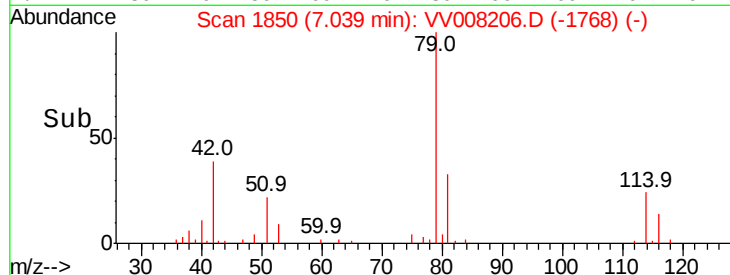
7.00

7.02

7.04

7.06

Time-->



#42

Toluene

Concen: 0.095 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008206.D

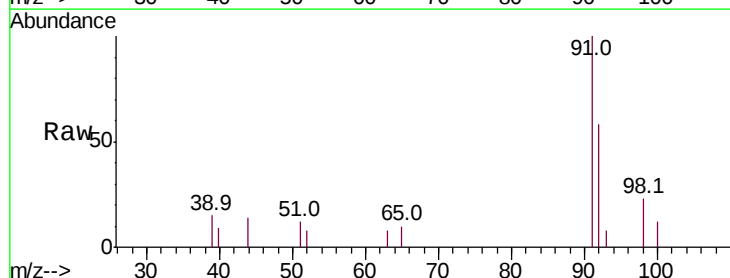
Acq: 09 Oct 2018 18:14

Tgt Ion: 91 Resp: 2548

Ion Ratio Lower Upper

91 100

92 58.4 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) (-)

7.44

1500

1000

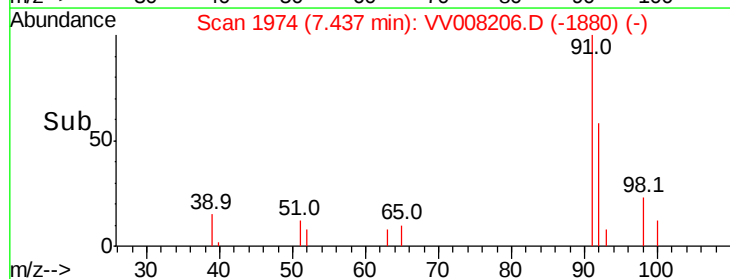
500

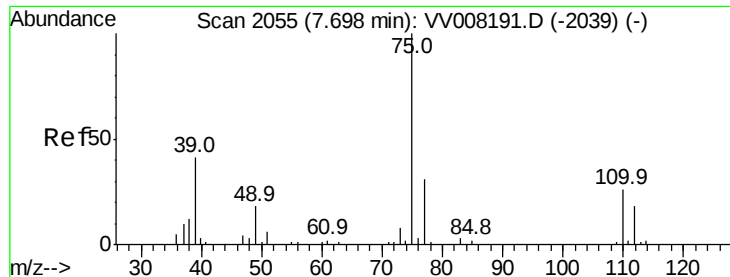
0

7.40

7.45

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV008206.D

Acq: 09 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

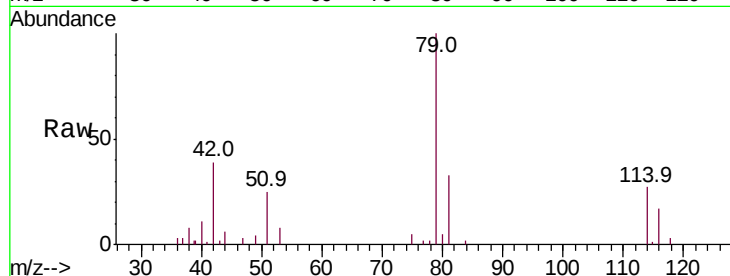
BEYN8

Tot Ion: 75 Resp: 576

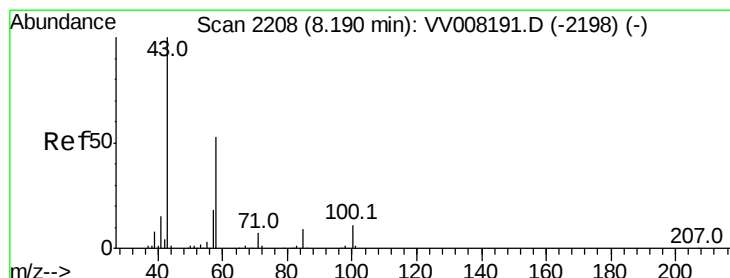
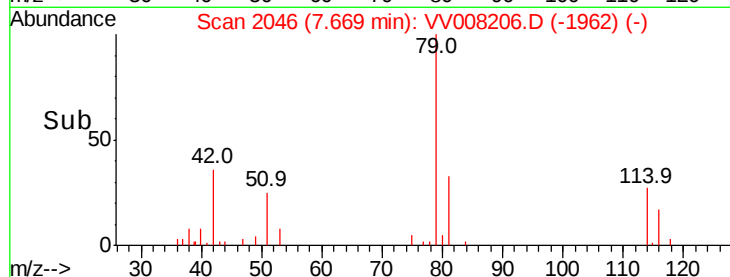
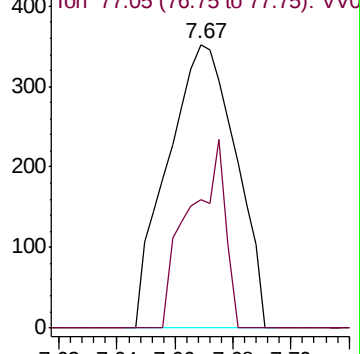
Ion Ratio Lower Upper

75 100

77 45.2 23.4 43.6#



Abundance Ion 75.05 (74.75 to 75.75): VV008191.D (-2039) (-)



#48

2-Hexanone

Concen: 3.071 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV008206.D

Acq: 09 Oct 2018 18:14

Tgt Ion: 43 Resp: 8027

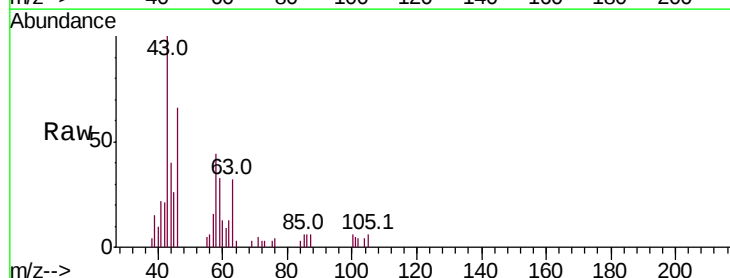
Ion Ratio Lower Upper

43 100

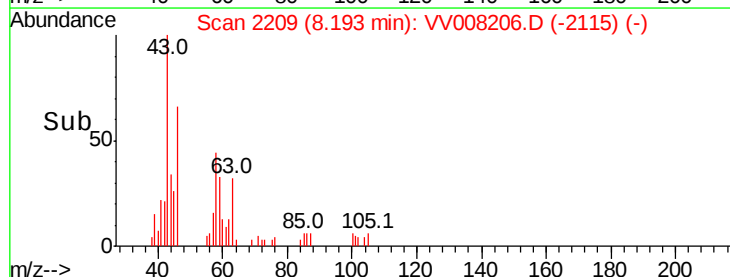
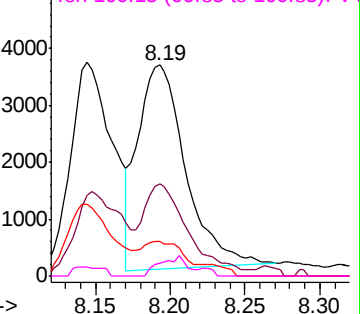
58 42.0 40.5 60.7

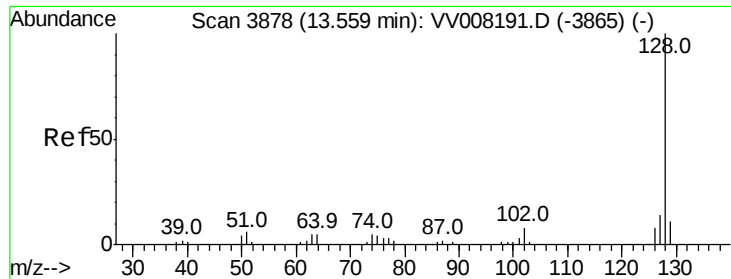
57 9.8 14.6 22.0#

100 5.4 9.3 13.9#



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





#69

Napthalene

Concen: 0.079 ug/L

RT: 13.57 min Scan# 3882

Delta R.T. 0.01 min

Lab File: VV008206.D

Acq: 09 Oct 2018 18:14

Instrument :

MSVOA_V

ClientSampleId :

BEYN8

Tot Ion:128 Resp: 867

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 5.9 10.2 15.2#

