

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008208.D
 Acq On : 09 Oct 2018 19:09
 Operator : SY/MD
 Sample : J5282-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYPO

Quant Time: Oct 10 03:14:07 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	92432	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90940	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25750	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.59	69	22912	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	38383	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	83730	61.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.68%
24) Chloroform-d	4.41	84	58695	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	30210	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	111374	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.13	67	35789	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	96711	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.67	79	12227	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.14	63	50815	49.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	25095	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	41779	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

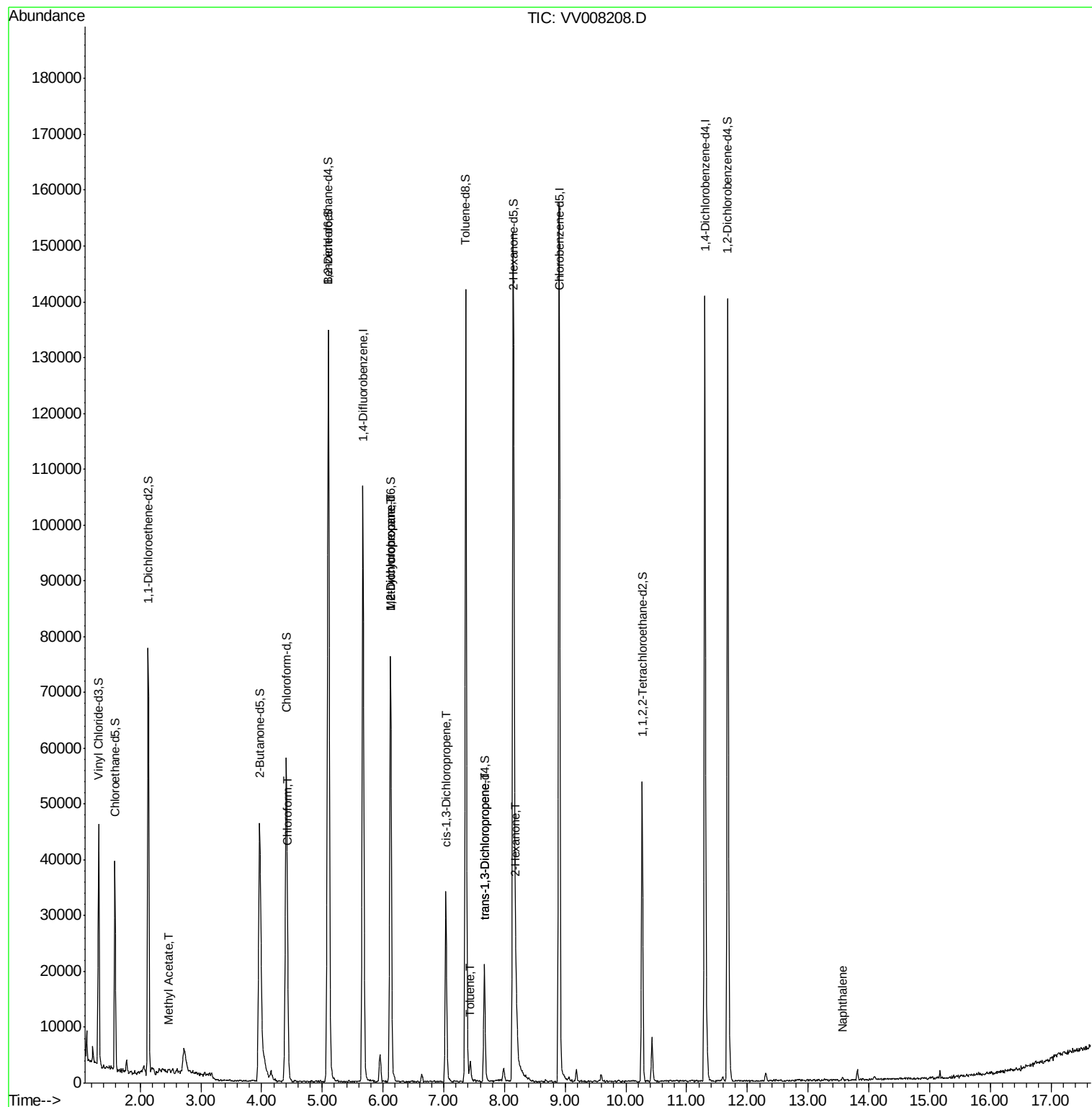
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	2.47	43	365	0.166	ug/L #	53
25) Chloroform	4.43	83	2153	0.192	ug/L	97
35) Methylcyclohexane	6.13	83	8850	0.946	ug/L #	24
37) 1,2-Dichloropropane	6.12	63	3930	0.635	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	868	0.109	ug/L #	51
42) Toluene	7.44	91	2522	0.103	ug/L	90
44) trans-1,3-Dichloropropene	7.67	75	562	0.087	ug/L #	75
48) 2-Hexanone	8.19	43	8444	3.545	ug/L #	92
69) Naphthalene	13.57	128	672	0.066	ug/L #	70

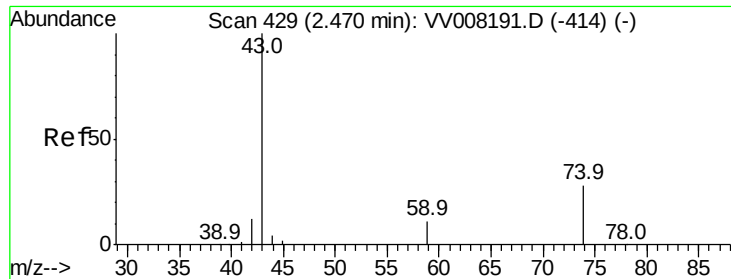
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 10 03:08:28 2018
Response via : Initial Calibration





#15

Methvl Acetate

Concen: 0.166 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VV008208.D

Acq: 09 Oct 2018 19:09

Instrument :

MSVOA_V

ClientSampleId :

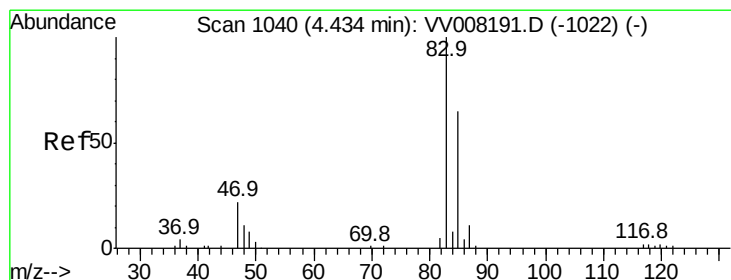
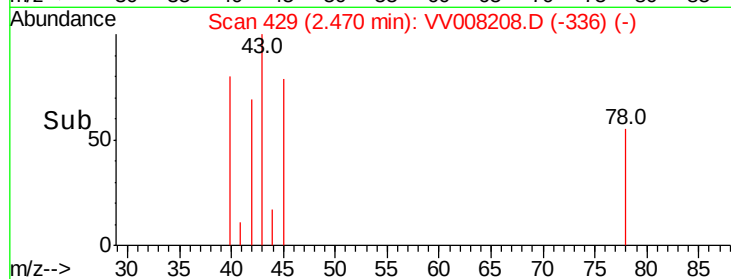
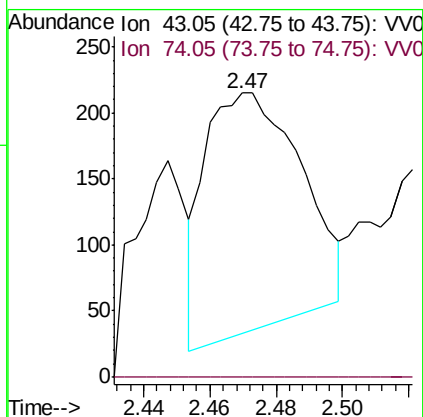
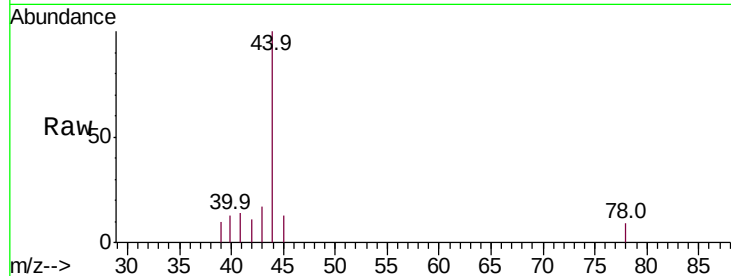
BEYP0

Tot Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

74 0.0 18.1 27.1#



#25

Chloroform

Concen: 0.192 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VV008208.D

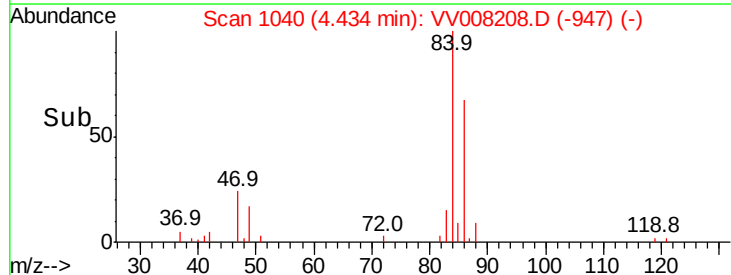
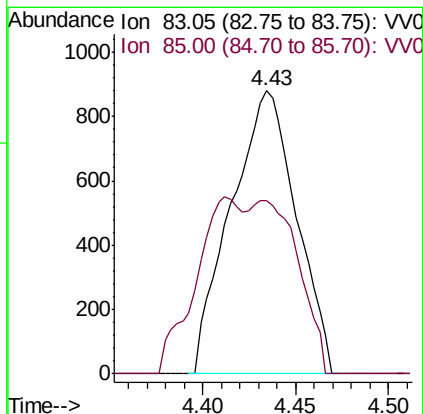
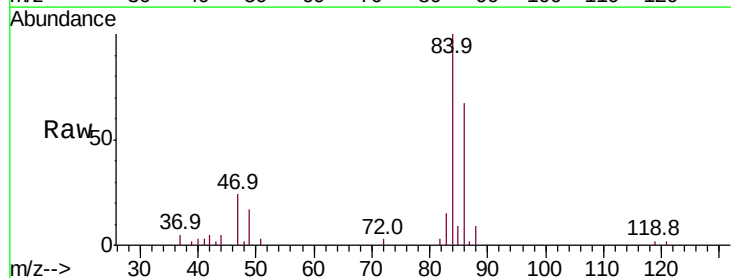
Acq: 09 Oct 2018 19:09

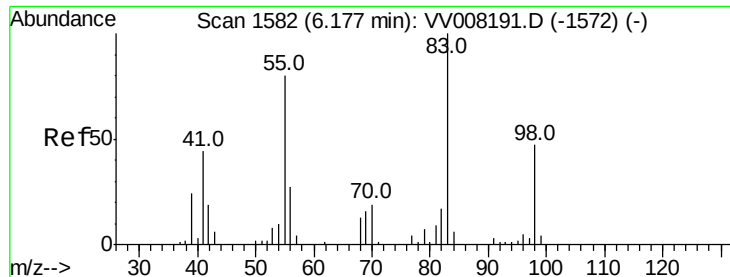
Tgt Ion: 83 Resp: 2153

Ion Ratio Lower Upper

83 100

85 61.2 44.6 82.8





#35

Methylvlcyclohexane

Concen: 0.946 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008208.D

Acq: 09 Oct 2018 19:09

Instrument :

MSVOA_V

ClientSampleId :

BEYP0

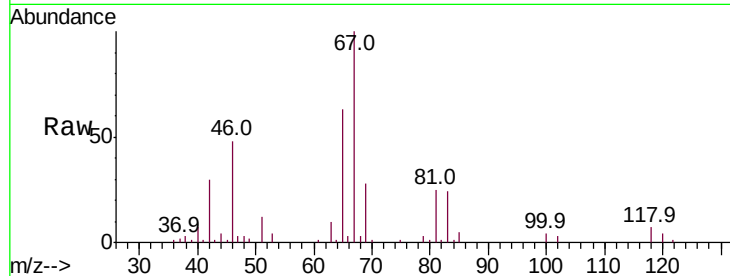
Tot Ion: 83 Resp: 8850

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

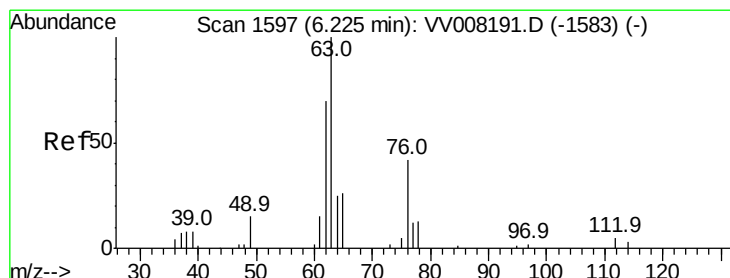
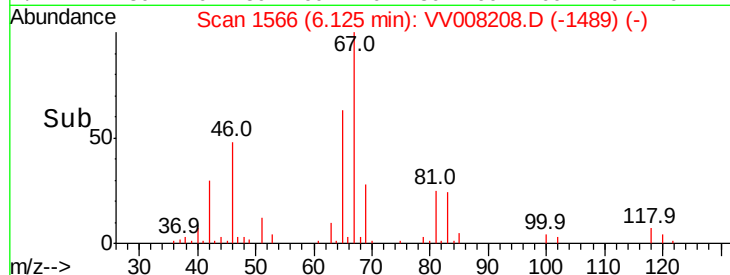
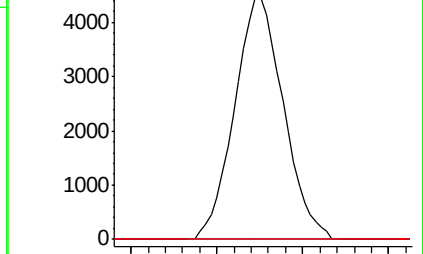
98 12.7 38.3 57.5#



Abundance Ion 83.15 (82.85 to 83.85): VV008191.D (-1572) (-)

Ion 55.10 (54.80 to 55.80): VV008191.D (-1572) (-)

Ion 98.15 (97.85 to 98.85): VV008191.D (-1572) (-)



#37

1,2-Dichloropropane

Concen: 0.635 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008208.D

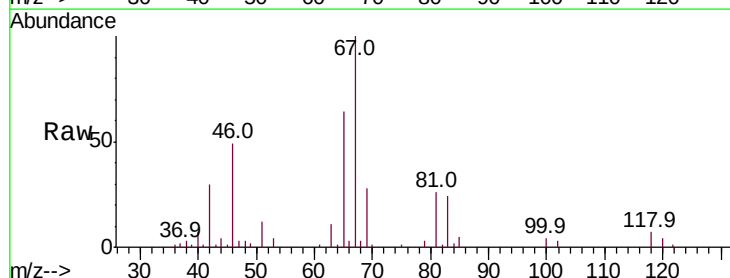
Acq: 09 Oct 2018 19:09

Tgt Ion: 63 Resp: 3930

Ion Ratio Lower Upper

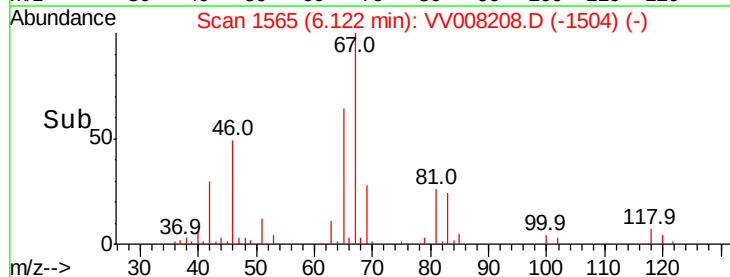
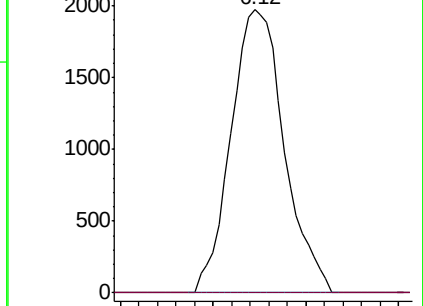
63 100

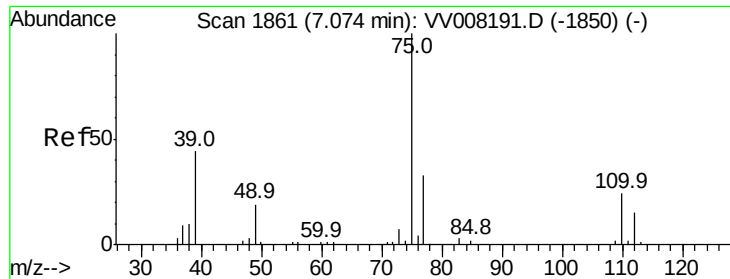
112 0.0 3.4 5.2#



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

Ion 112.10 (111.80 to 112.80): VV008191.D (-1583) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008208.D

Acq: 09 Oct 2018 19:09

Instrument :

MSVOA_V

ClientSampled :

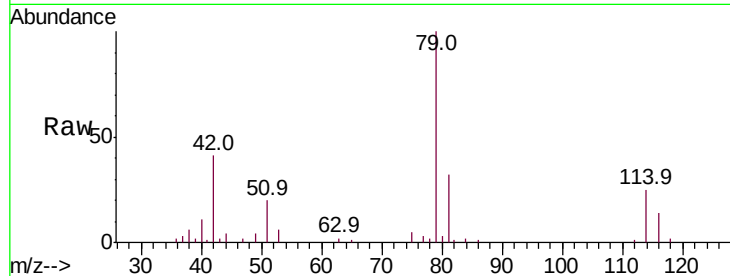
BEYP0

Tot Ion: 75 Resp: 868

Ion Ratio Lower Upper

75 100

77 58.7 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) (-)

7.03

600

500

400

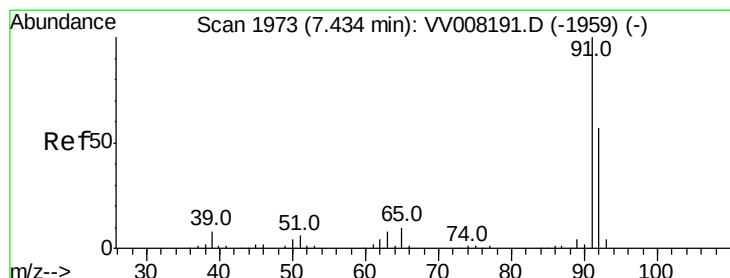
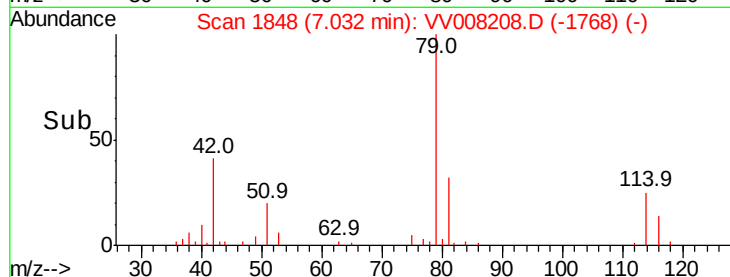
300

200

100

0

Time-->



#42

Toluene

Concen: 0.103 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV008208.D

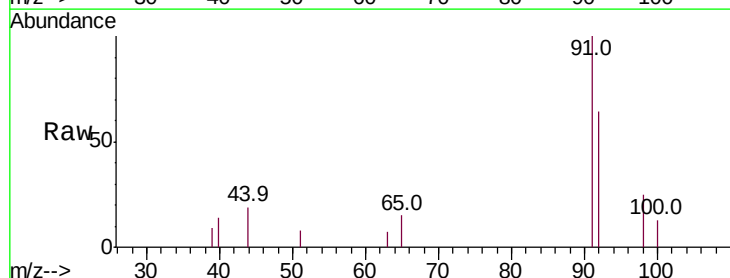
Acq: 09 Oct 2018 19:09

Tgt Ion: 91 Resp: 2522

Ion Ratio Lower Upper

91 100

92 64.1 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) (-)

7.44

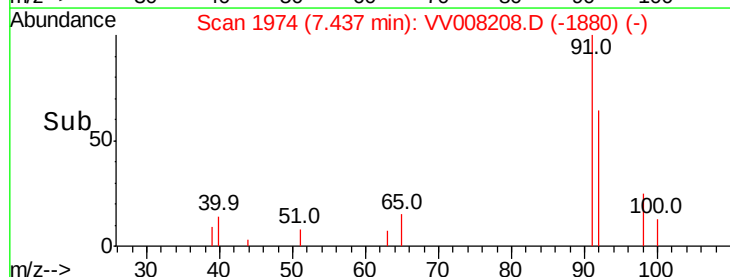
1500

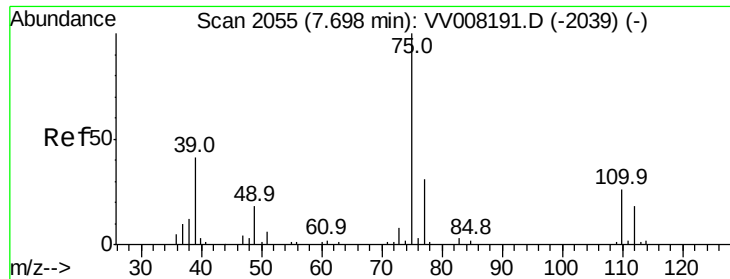
1000

500

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV008208.D

Acq: 09 Oct 2018 19:09

Instrument :

MSVOA_V

ClientSampleId :

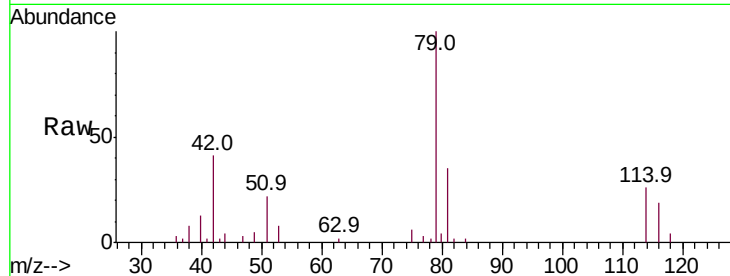
BEYP0

Tot Ion: 75 Resp: 562

Ion Ratio Lower Upper

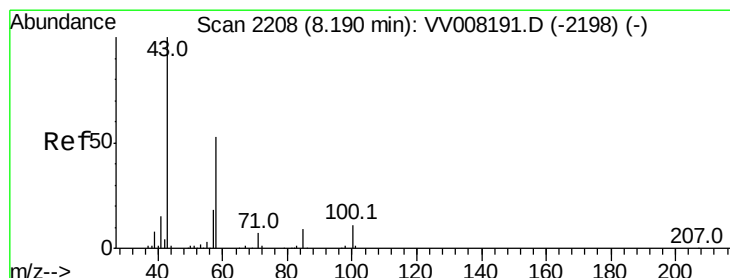
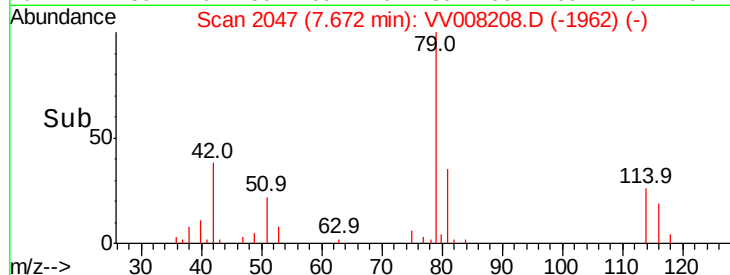
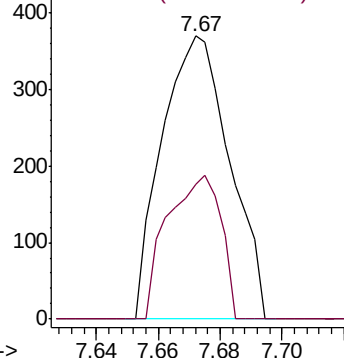
75 100

77 47.7 23.4 43.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 3.545 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV008208.D

Acq: 09 Oct 2018 19:09

Tgt Ion: 43 Resp: 8444

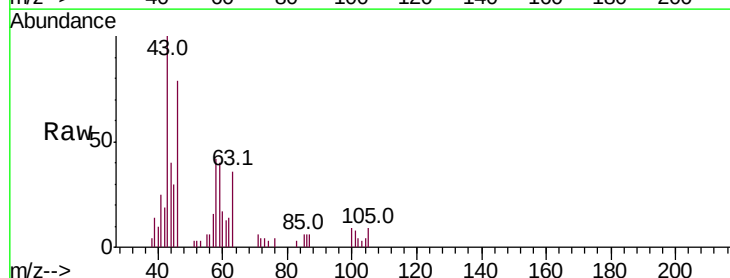
Ion Ratio Lower Upper

43 100

58 43.2 40.5 60.7

57 18.2 14.6 22.0

100 7.8 9.3 13.9#

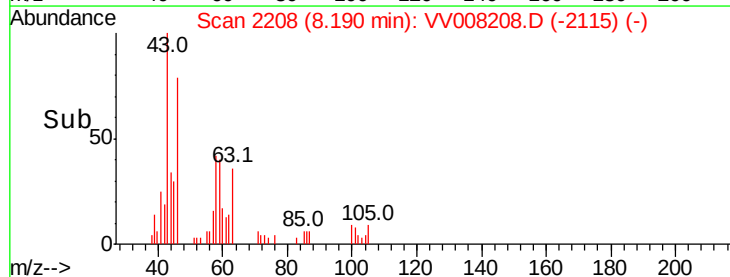
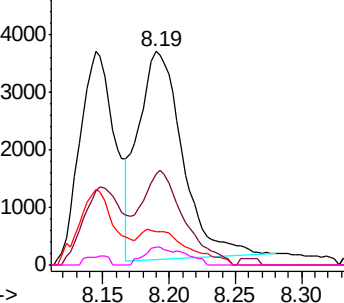


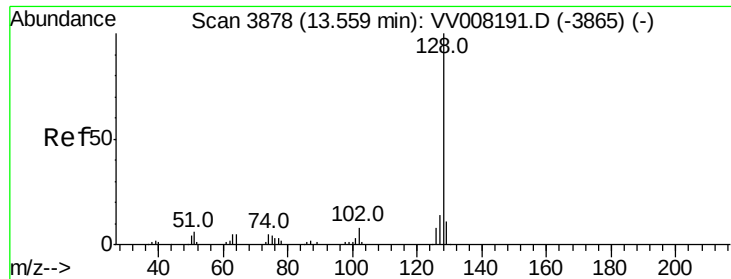
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#69

Naphthalene

Concen: 0.066 ug/L

RT: 13.57 min Scan# 3881

Delta R.T. 0.01 min

Lab File: VV008208.D

Acq: 09 Oct 2018 19:09

Instrument :

MSVOA_V

ClientSampleId :

BEYP0

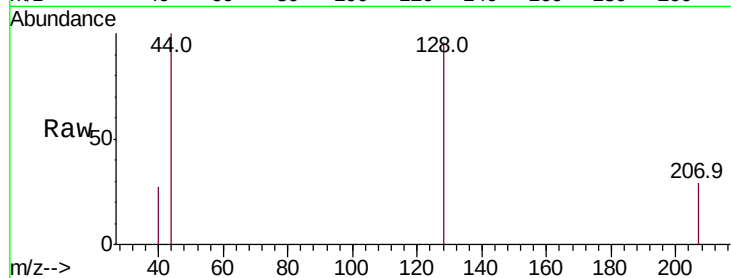
Tot Ion:128 Resp: 672

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

