

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV113018\
 Data File : VV008812.D
 Acq On : 30 Nov 2018 14:53
 Operator : SY/MD
 Sample : J6155-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 01 03:54:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 01 03:50:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	148295	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	137306	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60559	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44576	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.59	69	33312	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.14	63	65697	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.96	46	117902	51.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	4.41	84	98650	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	49349	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	204845	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	59336	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	182909	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
43) trans-1,3-Dichloropropene-	7.67	79	18537	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.14	63	85432	48.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39078	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	63512	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

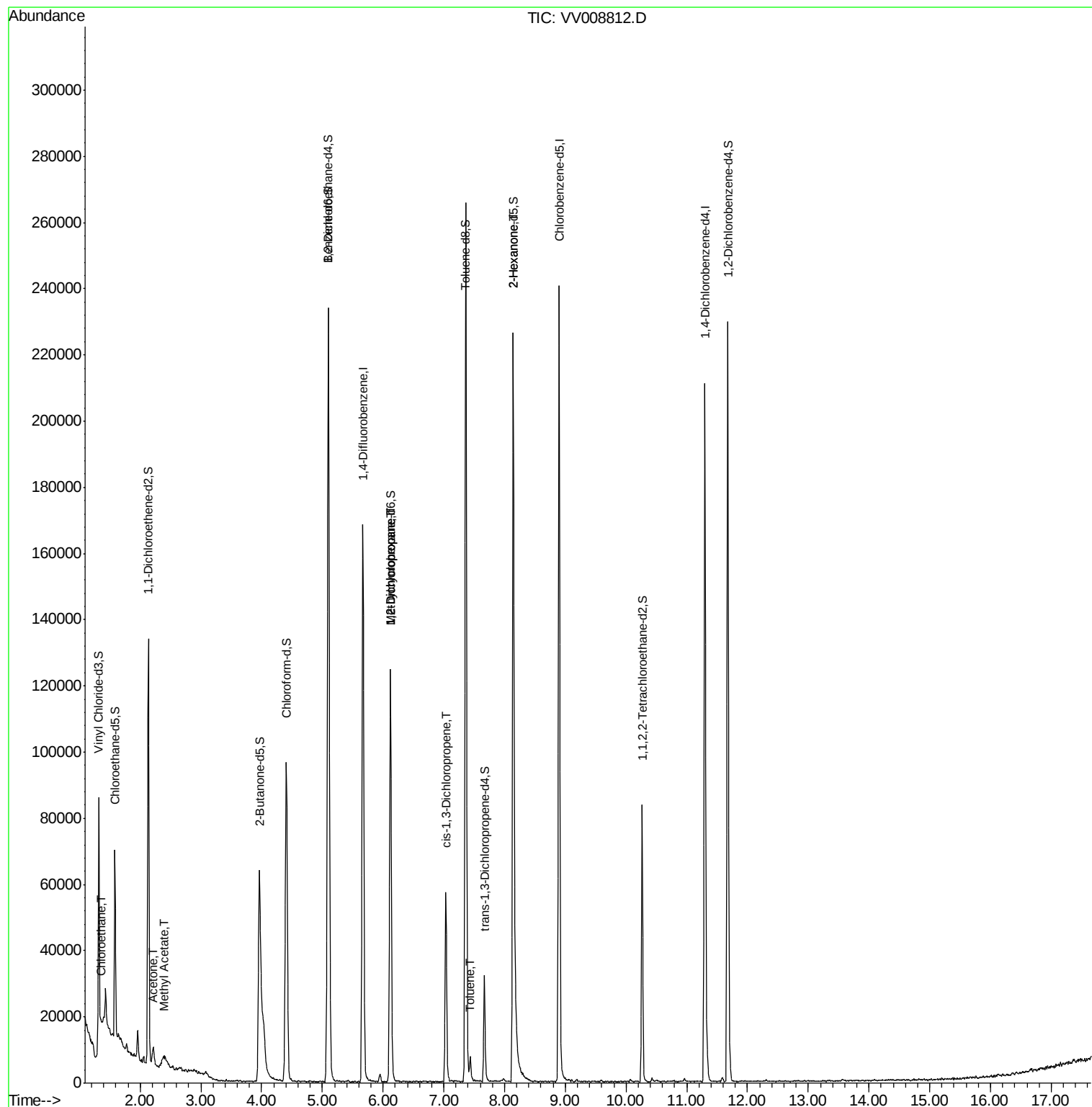
					Ovalue
8) Chloroethane	1.37	64	16942	3.028 ug/L #	52
13) Acetone	2.22	43	8354	7.295 ug/L	91
15) Methyl Acetate	2.40	43	512	0.167 ug/L #	50
35) Methylcyclohexane	6.12	83	14545	0.801 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6541	0.639 ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	1353	0.101 ug/L #	81
42) Toluene	7.43	91	5135	0.119 ug/L	96
48) 2-Hexanone	8.14	43	11114	2.988 ug/L #	68

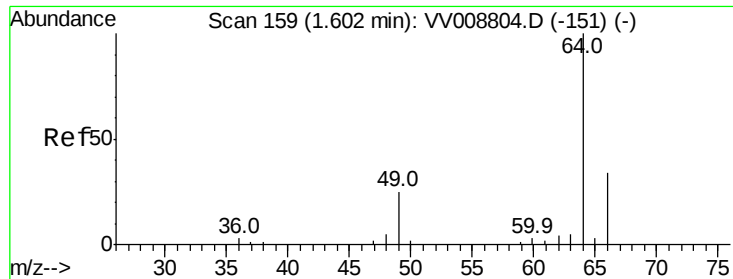
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 01 03:50:55 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 3.028 ug/L

RT: 1.37 min Scan# 87

Delta R.T. -0.23 min

Lab File: VV008812.D

Acq: 30 Nov 2018 14:53

Instrument :

MSVOA_V

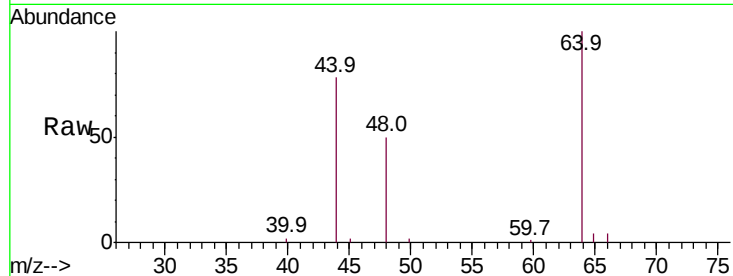
ClientSampled :

Tot Ion: 64 Resp: 16942

Ion Ratio Lower Upper

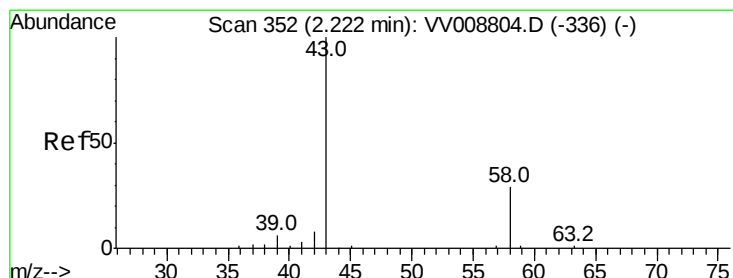
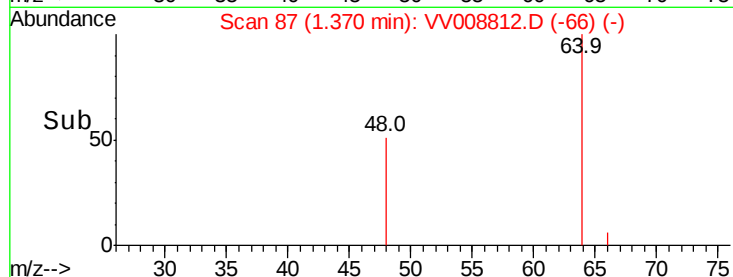
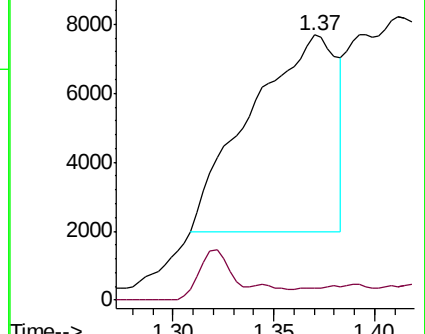
64 100

66 4.5 21.8 40.6#



Abundance Ion 64.10 (63.80 to 64.80): VV008812.D (-151) (-)

Ion 66.05 (65.75 to 66.75): VV008812.D (-151) (-)



#13

Acetone

Concen: 7.295 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV008812.D

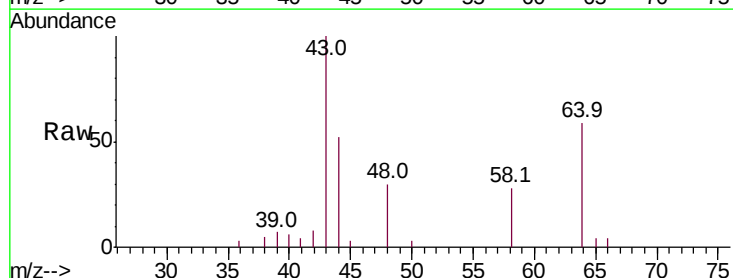
Acq: 30 Nov 2018 14:53

Tgt Ion: 43 Resp: 8354

Ion Ratio Lower Upper

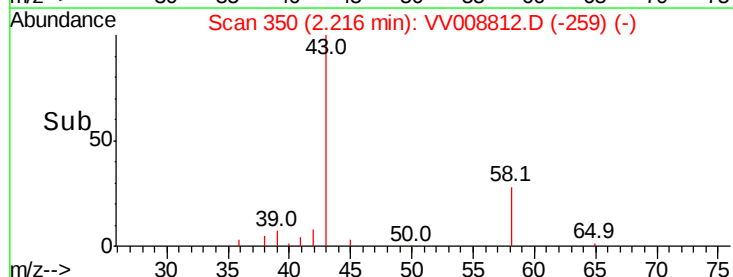
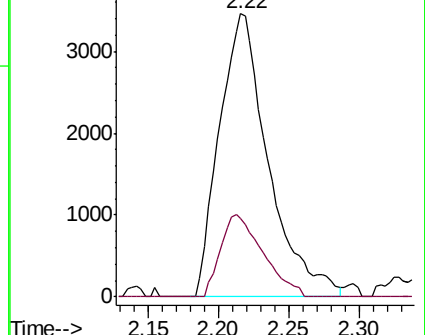
43 100

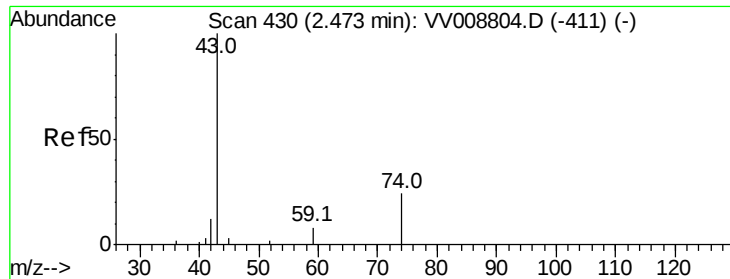
58 25.1 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008812.D (-259) (-)

Ion 58.05 (57.75 to 58.75): VV008812.D (-259) (-)





#15

Methyl Acetate

Concen: 0.167 ug/L

RT: 2.40 min Scan# 406

Delta R.T. -0.08 min

Lab File: VV008812.D

Acq: 30 Nov 2018 14:53

Instrument :

MSVOA_V

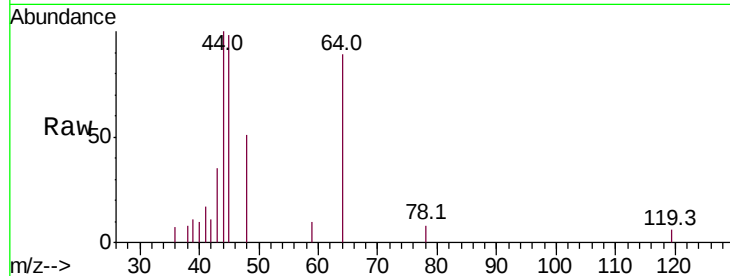
ClientSampleId :

Tot Ion: 43 Resp: 512

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.40

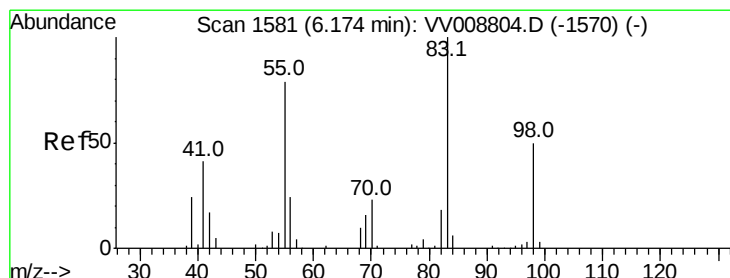
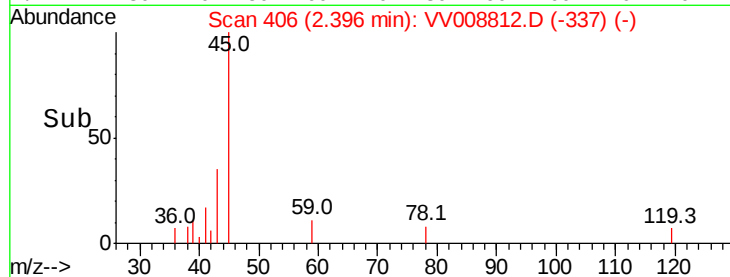
600

400

200

0

Time-->



#35

Methylcyclohexane

Concen: 0.801 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008812.D

Acq: 30 Nov 2018 14:53

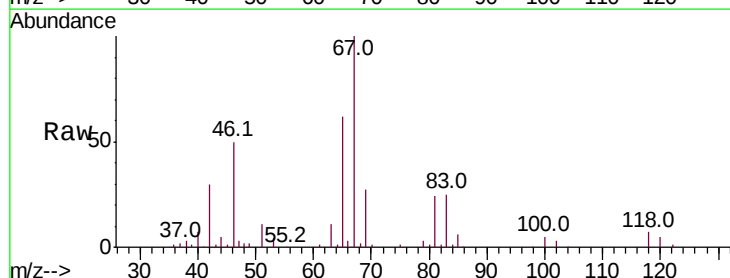
Tgt Ion: 83 Resp: 14545

Ion Ratio Lower Upper

83 100

55 0.2 60.1 90.1#

98 0.1 37.4 56.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

10000

8000

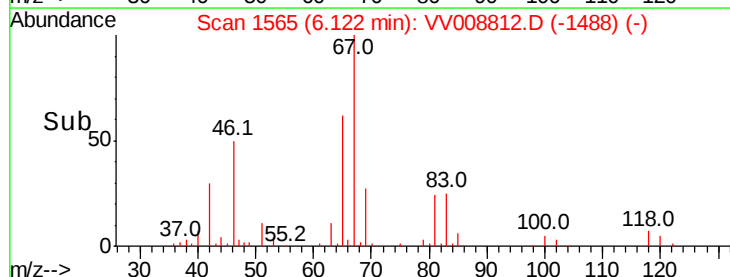
6000

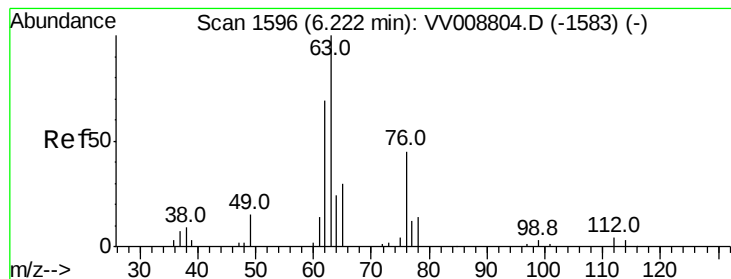
4000

2000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008812.D

Acq: 30 Nov 2018 14:53

Instrument :

MSVOA_V

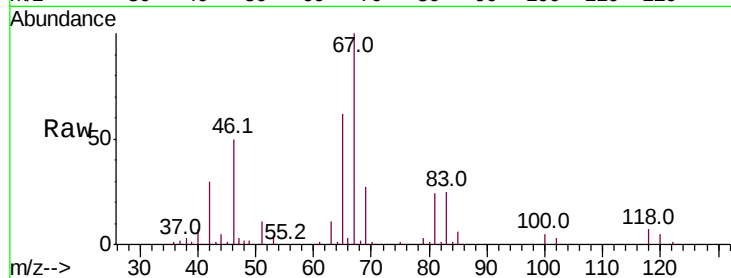
ClientSampleId :

Tot Ion: 63 Resp: 6541

Ion Ratio Lower Upper

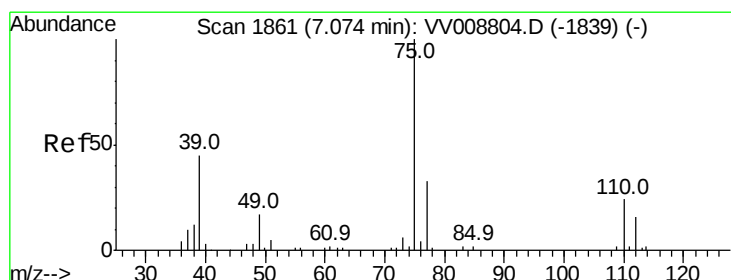
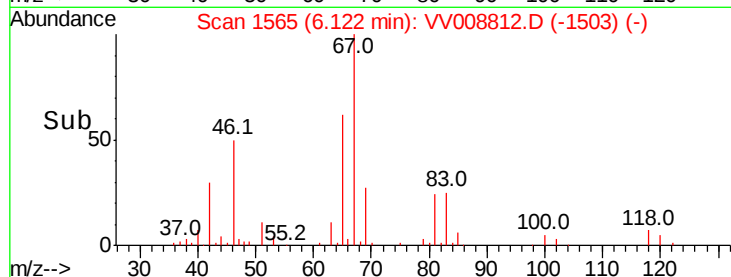
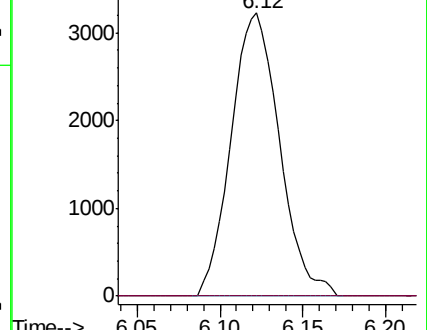
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV008804.D (-1583) (-)

Ion 112.10 (111.80 to 112.80): VV008804.D (-1583) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008812.D

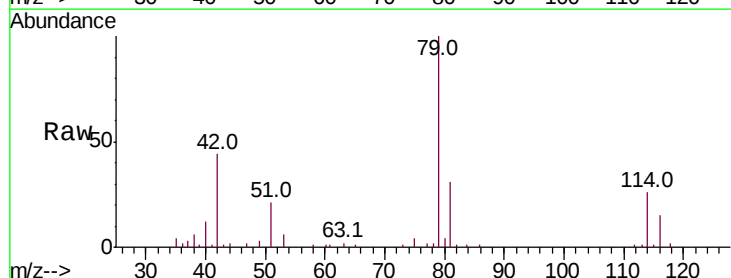
Acq: 30 Nov 2018 14:53

Tgt Ion: 75 Resp: 1353

Ion Ratio Lower Upper

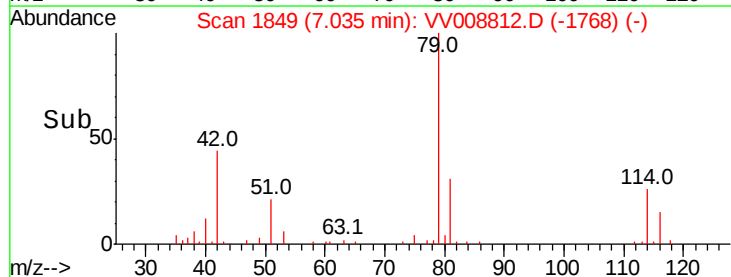
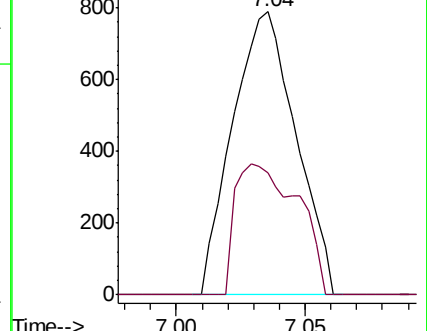
75 100

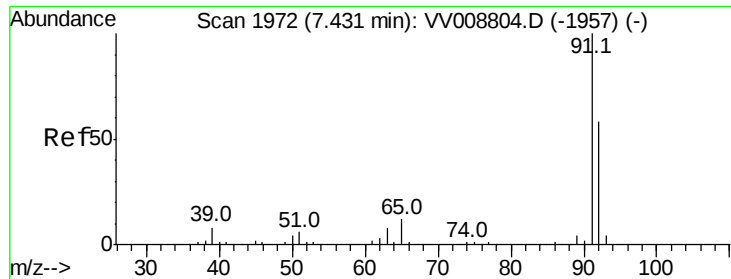
77 43.1 22.8 42.4#



Abundance Ion 75.05 (74.75 to 75.75): VV008804.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008804.D (-1839) (-)





#42

Toluene

Concen: 0.119 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008812.D

Acq: 30 Nov 2018 14:53

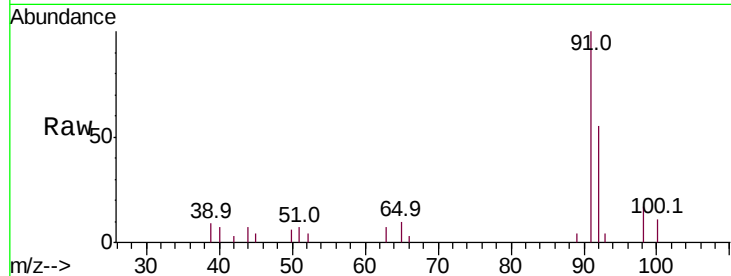
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 5135

Ion Ratio Lower Upper

91 100

92 55.3 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV008804.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV008804.D (-1957) (-)

7.43

3000

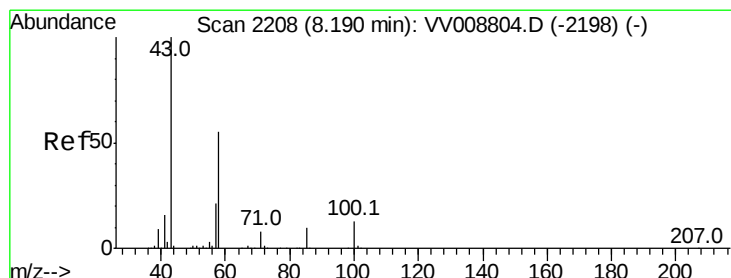
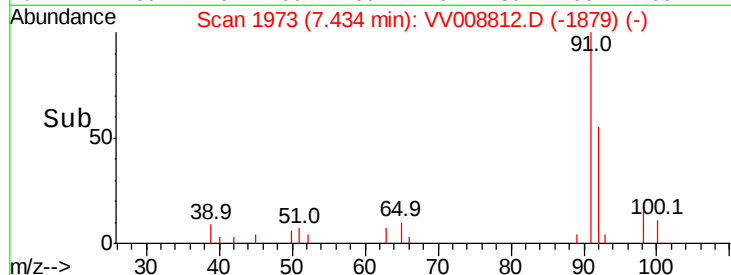
2000

1000

0

7.40 7.45 7.50

Time-->



#48

2-Hexanone

Concen: 2.988 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV008812.D

Acq: 30 Nov 2018 14:53

Tgt Ion: 43 Resp: 11114

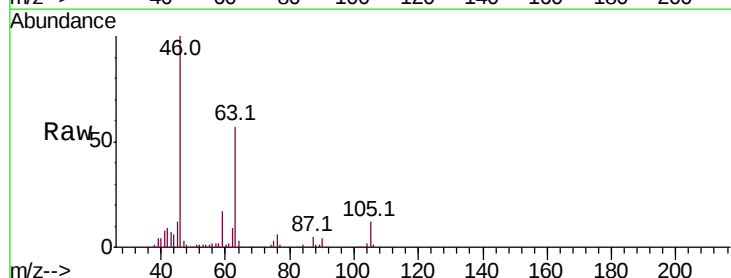
Ion Ratio Lower Upper

43 100

58 30.0 44.5 66.7#

57 30.3 15.2 22.8#

100 0.4 9.6 14.4#



Abundance Ion 43.05 (42.75 to 43.75): VV008804.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008804.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008804.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008804.D (-2198) (-)

8.14

8000

6000

4000

2000

0

8.10 8.15 8.20

Time-->

