

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100918\
 Data File : VV008216.D
 Acq On : 09 Oct 2018 23:16
 Operator : SY/MD
 Sample : J5282-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEYN3

Quant Time: Oct 10 04:54:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 10 04:51:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	90961	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	90239	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41579	5.00	ug/L	0.00

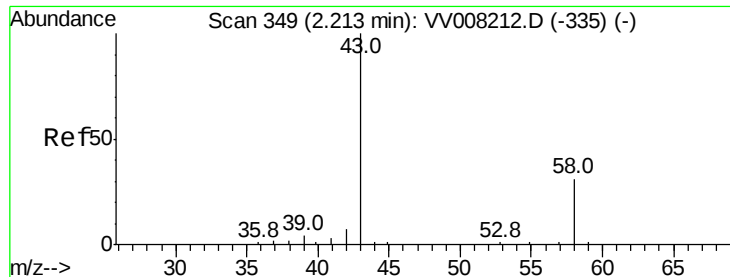
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23465	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.59	69	20332	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.14	63	35294	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.97	46	78713	58.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	4.41	84	53924	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.09	65	27955	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	102925	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	33962	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	88535	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
43) trans-1,3-Dichloropropene-	7.67	79	10803	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	48683	47.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23911	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	37693	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
13) Acetone	2.22	43	1534	1.685	ug/L 68
14) Carbon disulfide	2.32	76	2090	0.167	ug/L # 87
21) 2-Butanone	4.16	43	11977	8.157	ug/L # 49
25) Chloroform	4.43	83	2397	0.218	ug/L 94
35) Methylcyclohexane	6.13	83	8321	0.896	ug/L # 21
37) 1,2-Dichloropropane	6.13	63	3617	0.589	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	835	0.106	ug/L # 61
48) 2-Hexanone	8.20	43	5428	2.296	ug/L # 81

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



#13

Acetone

Concen: 1.685 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV008216.D

Acq: 09 Oct 2018 23:16

Instrument :

MSVOA_V

ClientSampleId :

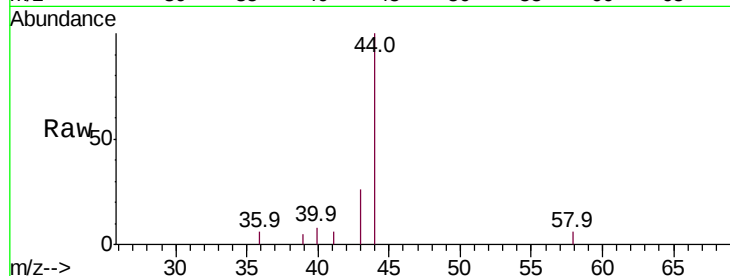
BEYN3

Tot Ion: 43 Resp: 1534

Ion Ratio Lower Upper

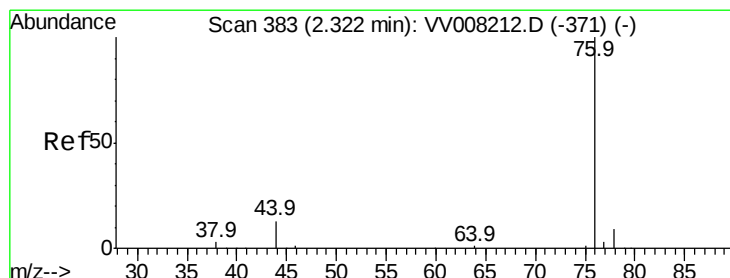
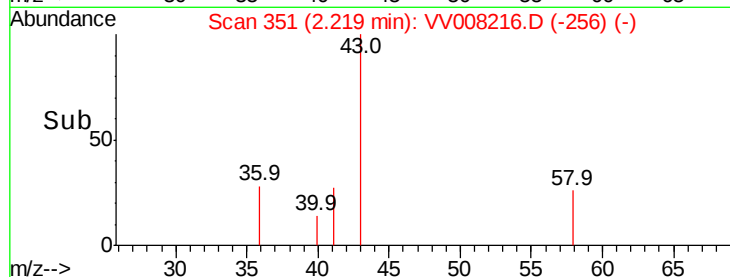
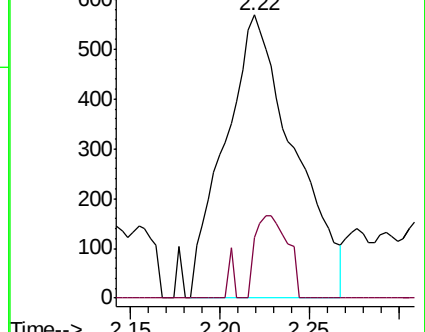
43 100

58 13.8 0.0 62.2



Abundance Ion 43.05 (42.75 to 43.75): VV008212.D (-335) (-)

Ion 58.05 (57.75 to 58.75): VV008212.D (-335) (-)



#14

Carbon disulfide

Concen: 0.167 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008216.D

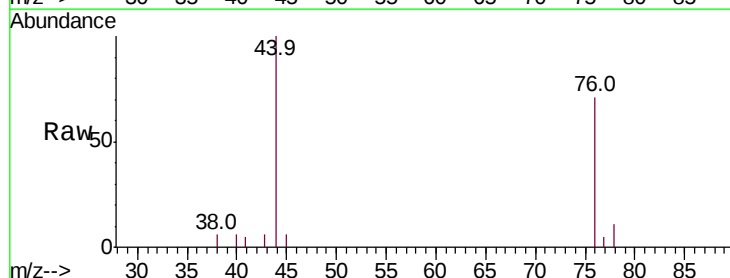
Acq: 09 Oct 2018 23:16

Tgt Ion: 76 Resp: 2090

Ion Ratio Lower Upper

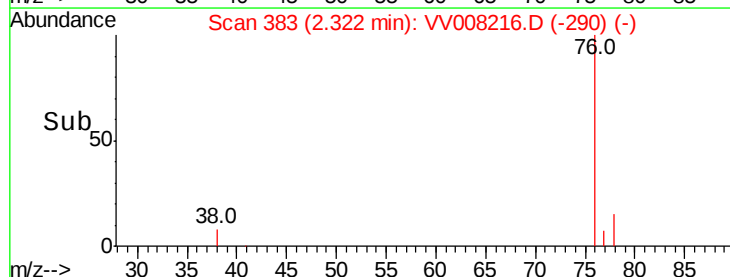
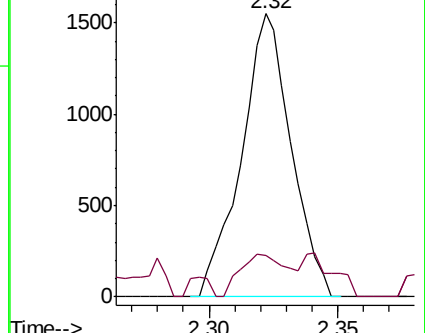
76 100

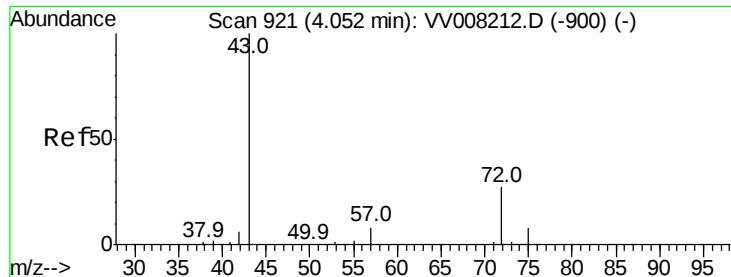
78 14.8 8.0 12.0#



Abundance Ion 76.05 (75.75 to 76.75): VV008212.D (-371) (-)

Ion 78.00 (77.70 to 78.70): VV008212.D (-371) (-)





#21

2-Butanone

Concen: 8.157 ug/L

RT: 4.16 min Scan# 954

Delta R.T. 0.11 min

Lab File: VV008216.D

Acq: 09 Oct 2018 23:16

Instrument :

MSVOA_V

ClientSampled :

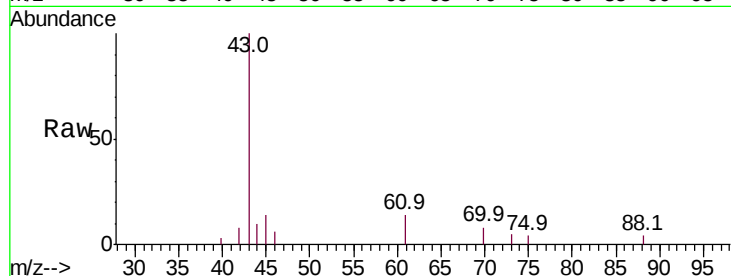
BEYN3

Tot Ion: 43 Resp: 11977

Ion Ratio Lower Upper

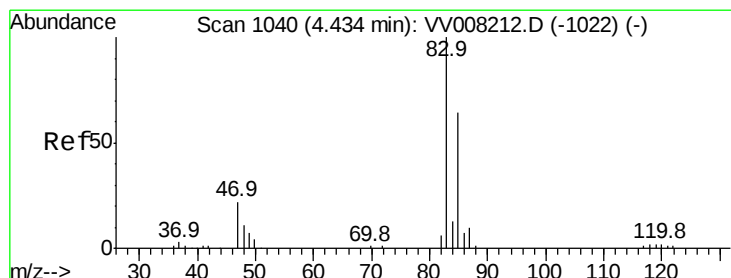
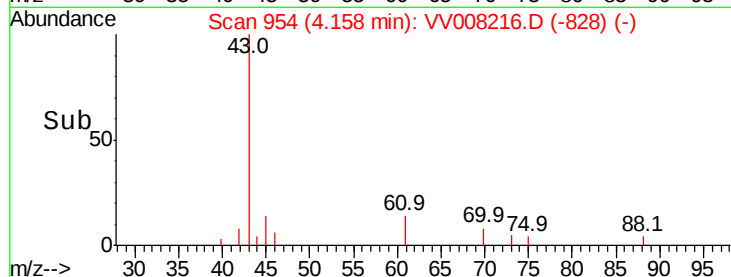
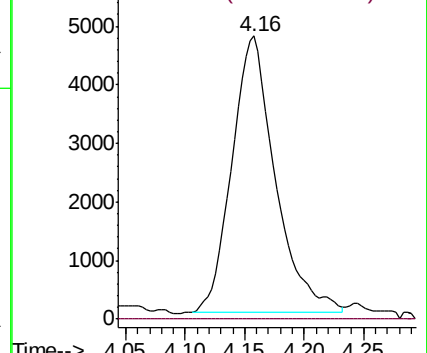
43 100

72 0.0 12.9 38.6#



Abundance Ion 43.05 (42.75 to 43.75): VV008216.D (-928) (-)

Ion 72.10 (71.80 to 72.80): VV008216.D (-928) (-)



#25

Chloroform

Concen: 0.218 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV008216.D

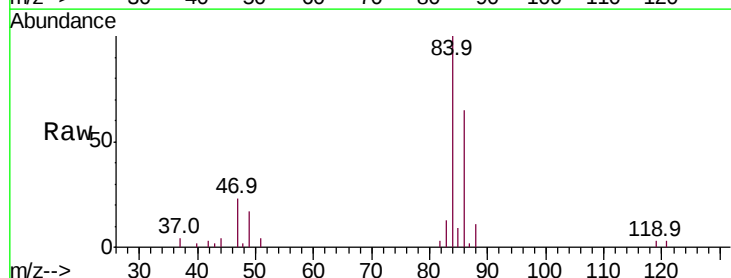
Acq: 09 Oct 2018 23:16

Tgt Ion: 83 Resp: 2397

Ion Ratio Lower Upper

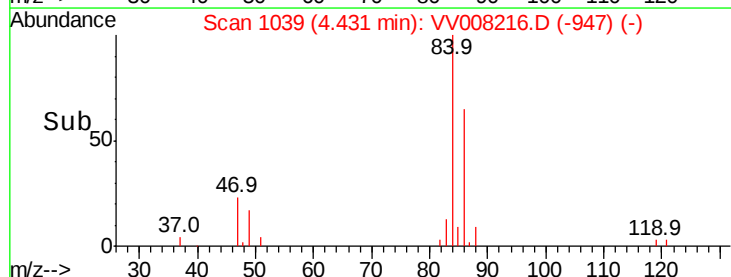
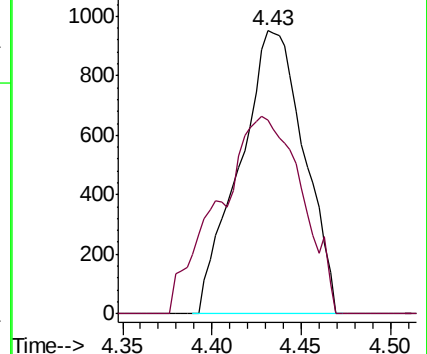
83 100

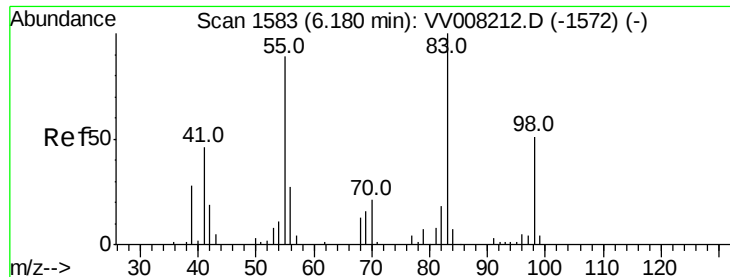
85 68.6 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV008216.D (-947) (-)

Ion 85.00 (84.70 to 85.70): VV008216.D (-947) (-)





#35

Methvlcvclohexane

Concen: 0.896 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008216.D

Acq: 09 Oct 2018 23:16

Instrument :

MSVOA_V

ClientSampled :

BEYN3

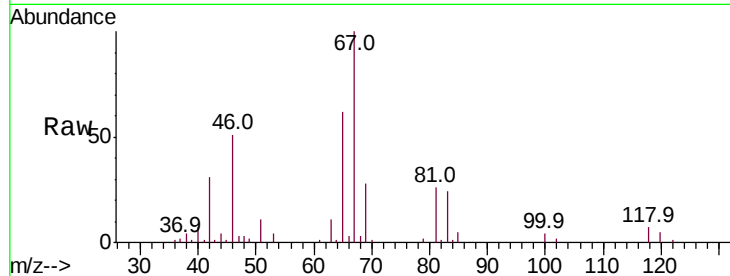
Tot Ion: 83 Resp: 8321

Ion Ratio Lower Upper

83 100

55 0.0 63.6 95.4#

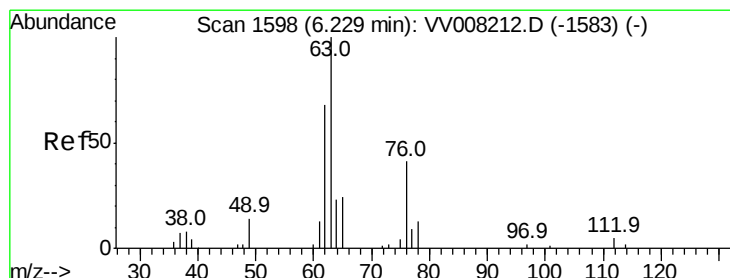
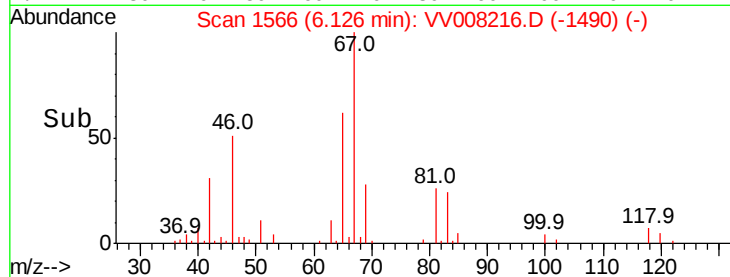
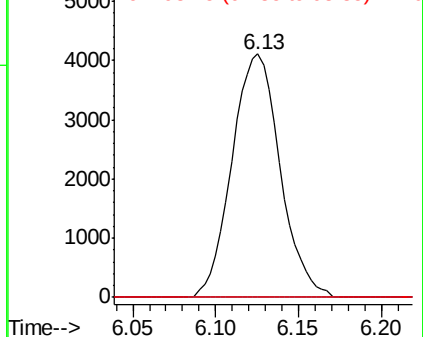
98 6.7 38.3 57.5#



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



#37

1,2-Dichloropropane

Concen: 0.589 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008216.D

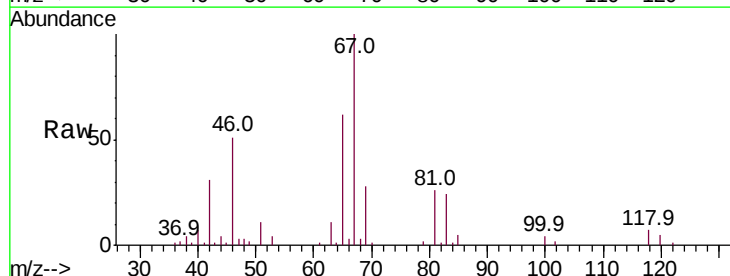
Acq: 09 Oct 2018 23:16

Tgt Ion: 63 Resp: 3617

Ion Ratio Lower Upper

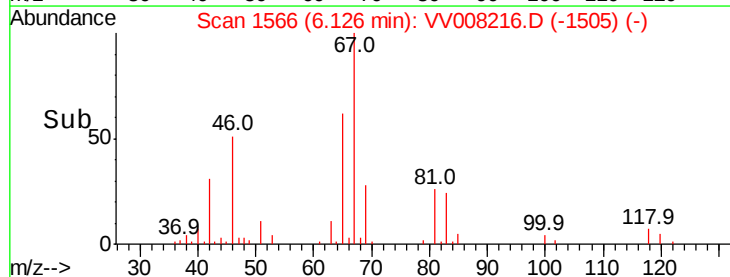
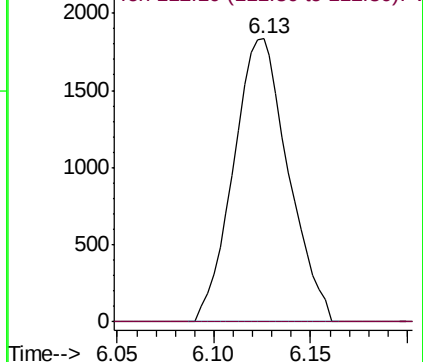
63 100

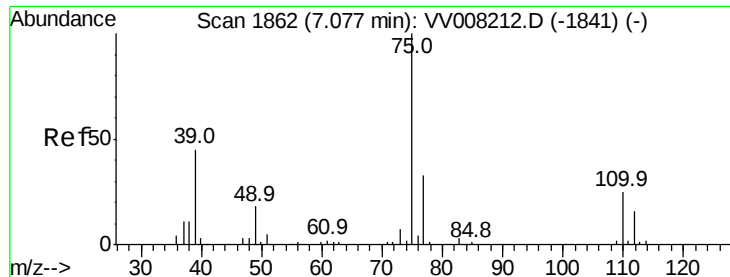
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



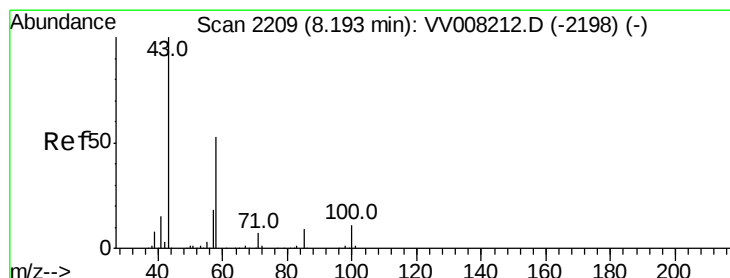
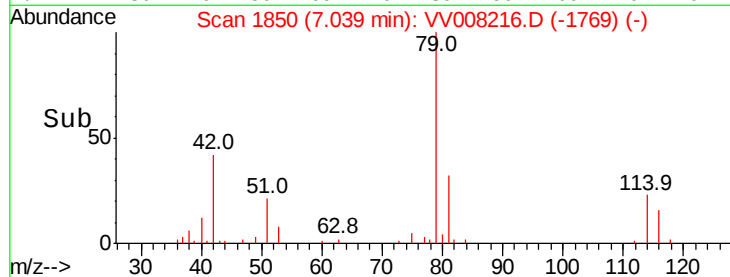
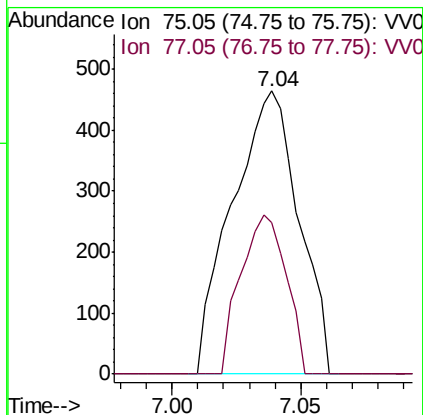
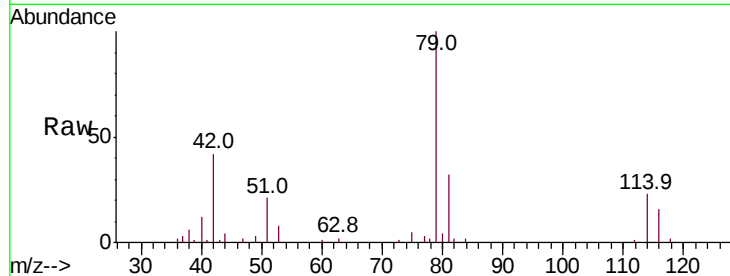


#39

cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.04 min Scan# 1850
Delta R.T. -0.04 min
Lab File: VV008216.D
Acq: 09 Oct 2018 23:16

Instrument :
MSVOA_V
ClientSampleId :
BEYN3

Tot Ion: 75 Resp: 835
Ion Ratio Lower Upper
75 100
77 53.4 22.1 41.1#



#48

2-Hexanone
Concen: 2.296 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VV008216.D
Acq: 09 Oct 2018 23:16

Tgt Ion: 43 Resp: 5428
Ion Ratio Lower Upper
43 100
58 35.9 40.5 60.7#
57 12.0 14.6 22.0#
100 6.0 9.3 13.9#

