

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008307.D
 Acq On : 16 Oct 2018 19:41
 Operator : SY/MD
 Sample : J5406-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH6

Quant Time: Oct 17 02:33:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	84582	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	75865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23957	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.59	69	15948	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.14	63	35596	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.96	46	78188	48.77	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.54%
24) Chloroform-d	4.41	84	47436	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	24793	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.10	84	102483	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.13	67	35466	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	89799	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.67	79	12177	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.14	63	44293	41.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19171	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	26870	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

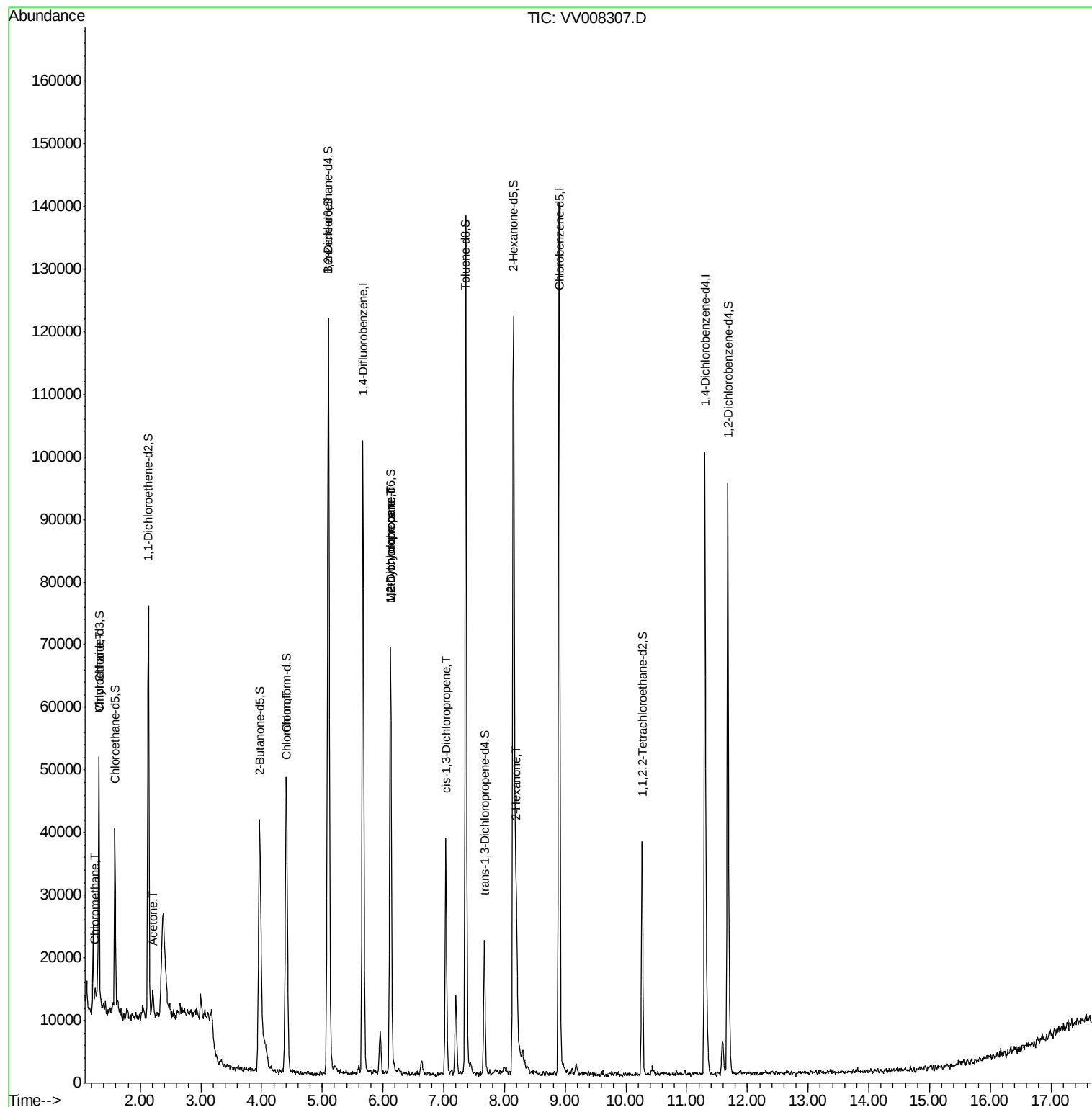
					Ovalue
3) Chloromethane	1.25	50	824	0.124 ug/L	96
8) Chloroethane	1.32	64	453	0.138 ug/L #	1
13) Acetone	2.21	43	3659	4.218 ug/L	94
25) Chloroform	4.42	83	1032	0.093 ug/L	99
35) Methylcyclohexane	6.13	83	7794	0.652 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3779	0.548 ug/L #	90
39) cis-1,3-Dichloropropene	7.04	75	892	0.091 ug/L #	50
48) 2-Hexanone	8.20	43	18544	6.006 ug/L #	86

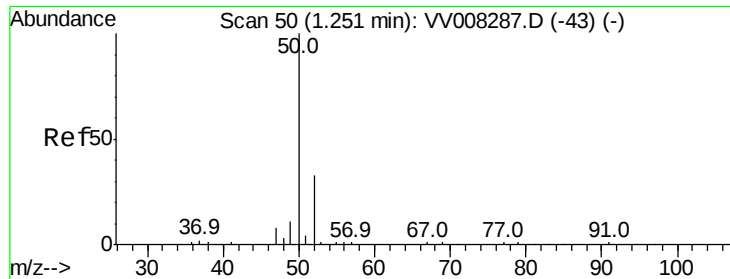
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.124 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008307.D

Acq: 16 Oct 2018 19:41

Instrument :

MSVOA_V

ClientSampleId :

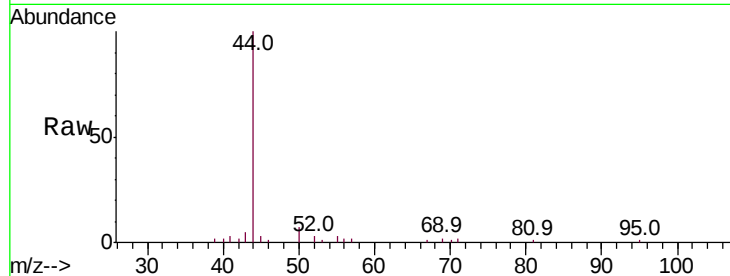
C0AH6

Tot Ion: 50 Resp: 824

Ion Ratio Lower Upper

50 100

52 36.4 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV008287.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008287.D (-43) (-)

1.25

800

600

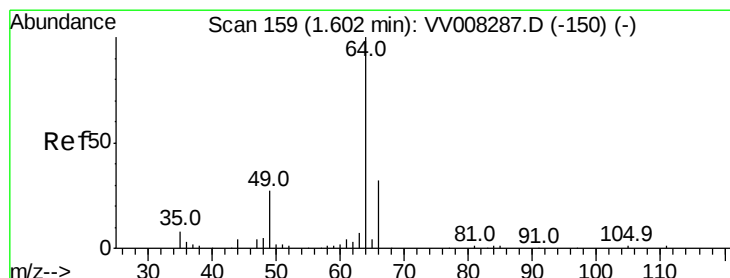
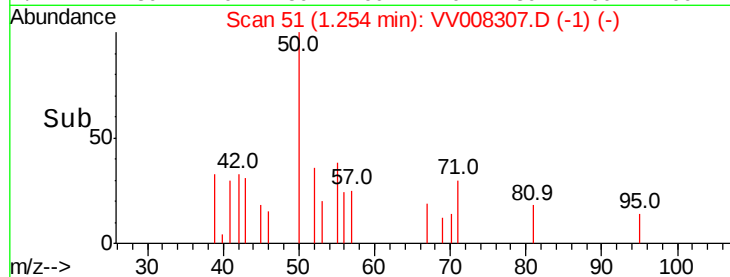
400

200

0

1.24 1.26 1.28

Time-->



#8

Chloroethane

Concen: 0.138 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008307.D

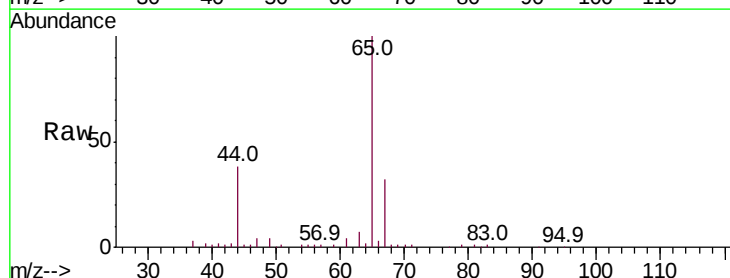
Acq: 16 Oct 2018 19:41

Tgt Ion: 64 Resp: 453

Ion Ratio Lower Upper

64 100

66 135.8 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV008287.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV008287.D (-150) (-)

1.32

600

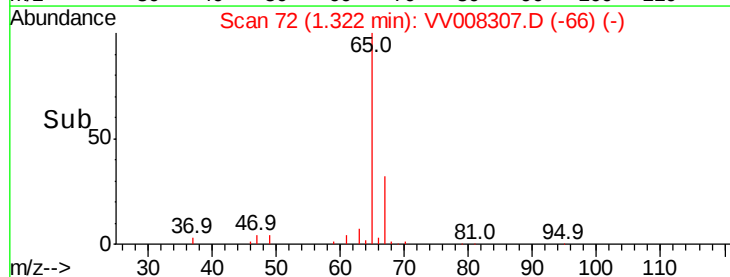
400

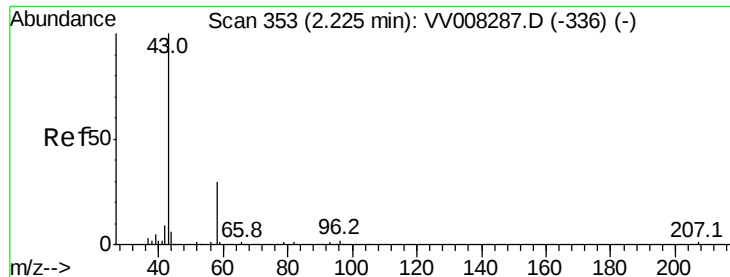
200

0

1.30 1.32 1.34

Time-->





#13

Acetone

Concen: 4.218 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.02 min

Lab File: VV008307.D

Acq: 16 Oct 2018 19:41

Instrument :

MSVOA_V

ClientSampleId :

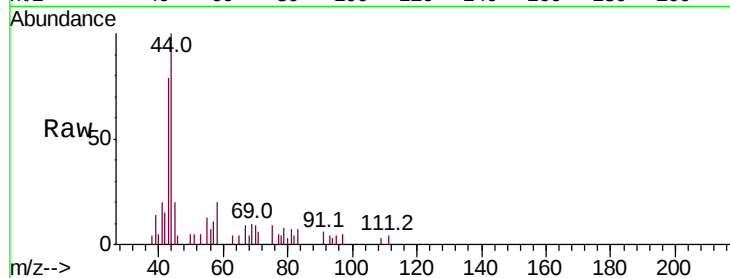
C0AH6

Tot Ion: 43 Resp: 3659

Ion Ratio Lower Upper

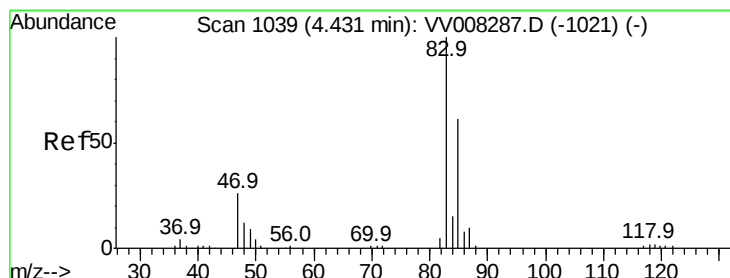
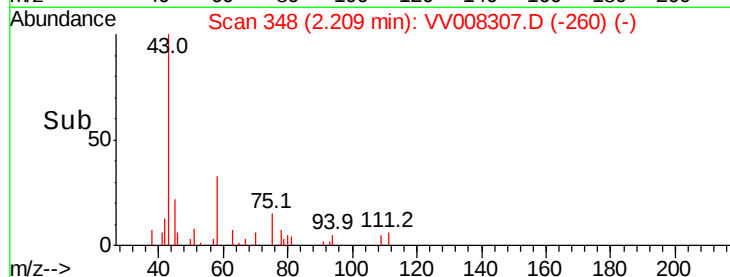
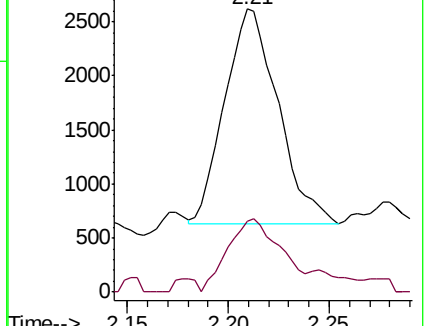
43 100

58 34.2 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV008287.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008287.D (-336) (-)



#25

Chloroform

Concen: 0.093 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VV008307.D

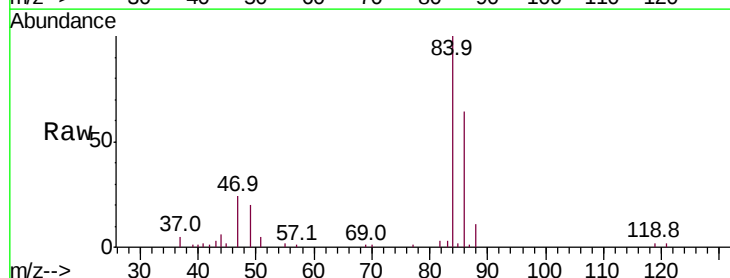
Acq: 16 Oct 2018 19:41

Tgt Ion: 83 Resp: 1032

Ion Ratio Lower Upper

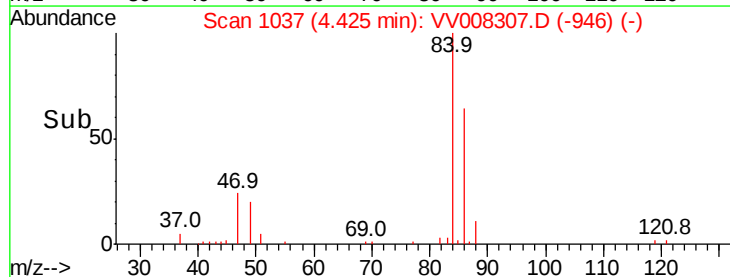
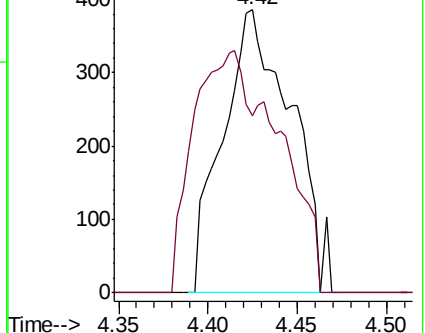
83 100

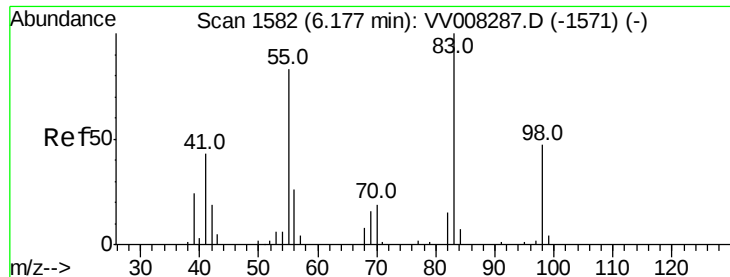
85 62.7 43.4 80.6



Abundance Ion 83.05 (82.75 to 83.75): VV008287.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV008287.D (-1021) (-)

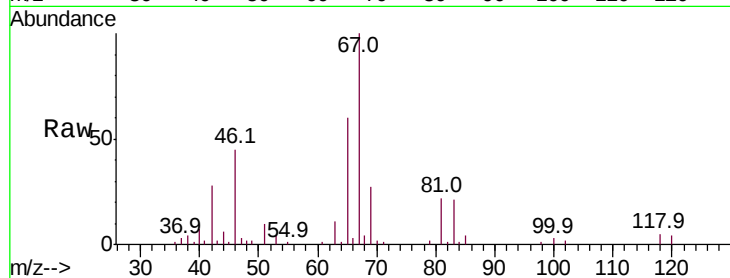




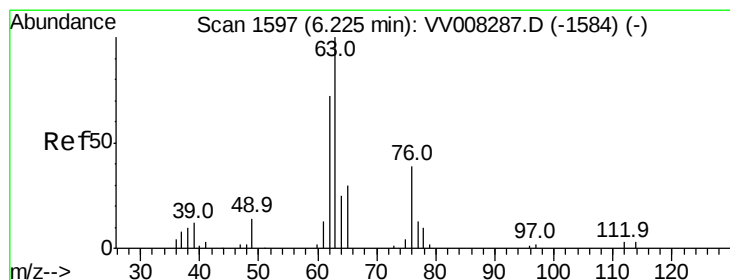
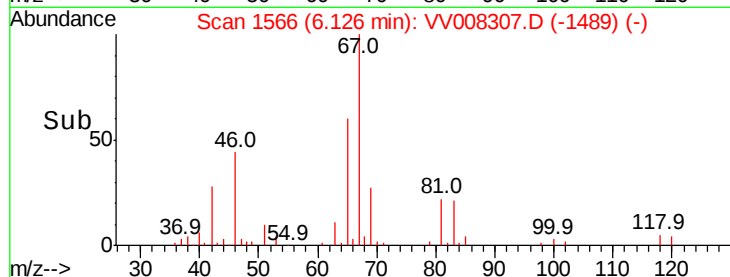
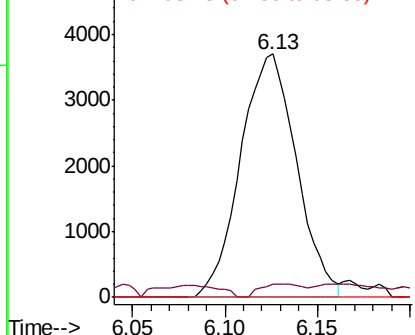
#35
Methvlcvclohexane
Concen: 0.652 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008307.D
Acq: 16 Oct 2018 19:41

Instrument :
MSVOA_V
ClientSampleId :
C0AH6

Tot Ion: 83 Resp: 7794
Ion Ratio Lower Upper
83 100
55 4.3 64.0 96.0#
98 0.0 37.0 55.4#

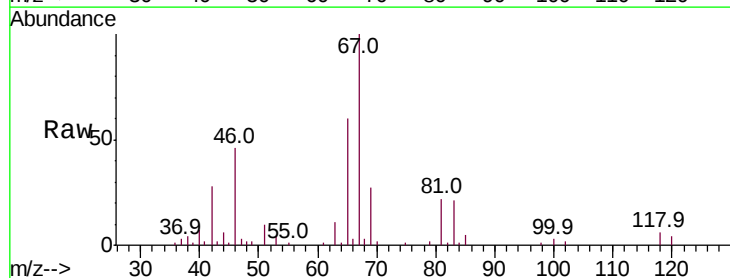


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

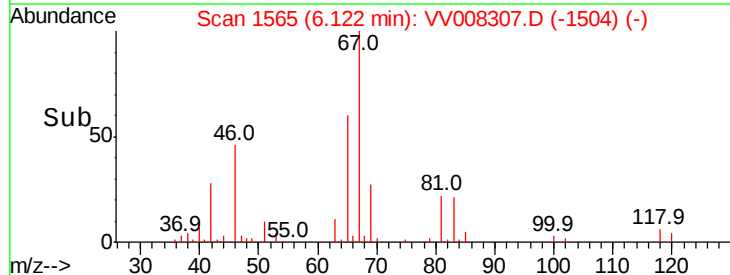
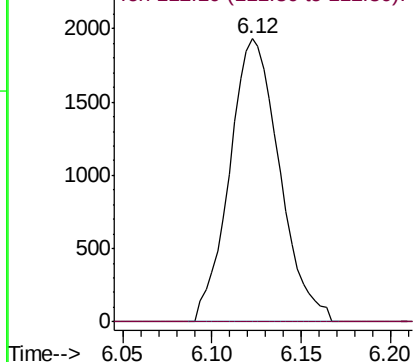


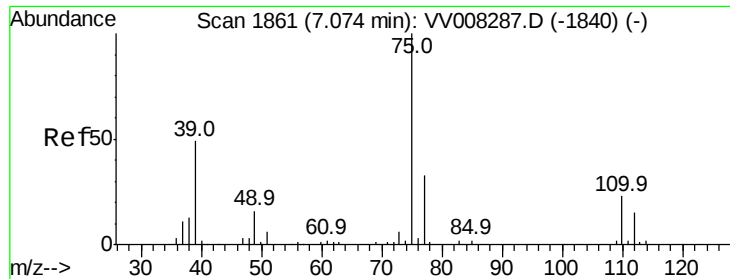
#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008307.D
Acq: 16 Oct 2018 19:41

Tgt Ion: 63 Resp: 3779
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

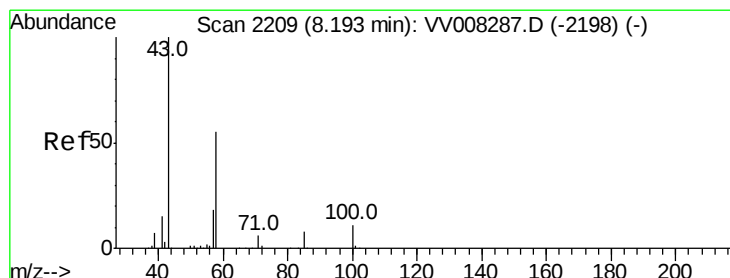
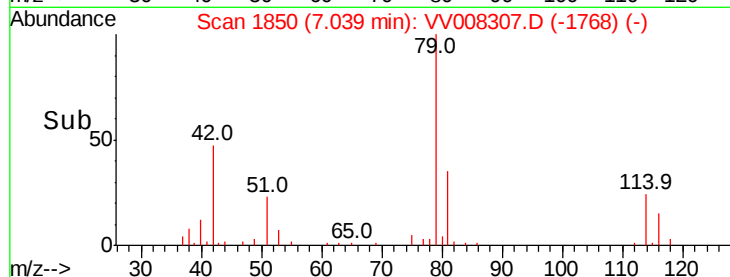
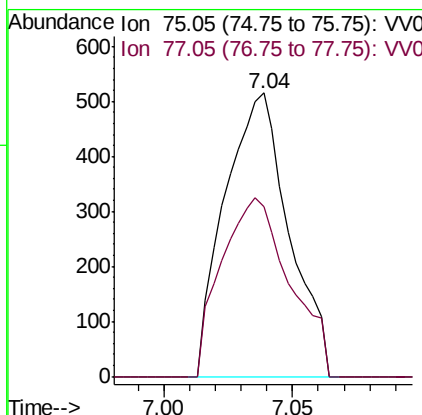
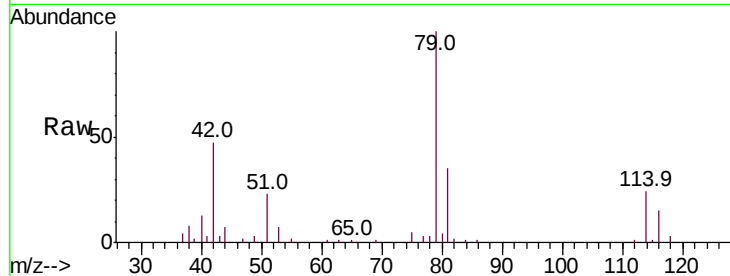




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.04 min Scan# 1850
 Delta R.T. -0.04 min
 Lab File: VV008307.D
 Acq: 16 Oct 2018 19:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH6

Tot Ion: 75 Resp: 892
 Ion Ratio Lower Upper
 75 100
 77 59.8 22.3 41.3#



#48
 2-Hexanone
 Concen: 6.006 ug/L
 RT: 8.20 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VV008307.D
 Acq: 16 Oct 2018 19:41

Tgt Ion: 43 Resp: 18544
 Ion Ratio Lower Upper
 43 100
 58 41.8 45.0 67.4#
 57 17.7 14.4 21.6
 100 6.7 7.9 11.9#

