

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072018\
 Data File : VV006674.D
 Acq On : 20 Jul 2018 18:43
 Operator : SY/MD
 Sample : J4078-04
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB0

Quant Time: Jul 26 02:10:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 26 02:08:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	228676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	209045	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	86819	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.58	69	61429	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	2.13	63	118726	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	3.95	46	154765	44.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.80%
24) Chloroform-d	4.41	84	142642	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.09	65	68573	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.10	84	306468	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.12	67	95134	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.36	98	267012	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	25289	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	146921	49.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.66%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65953	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	91759	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

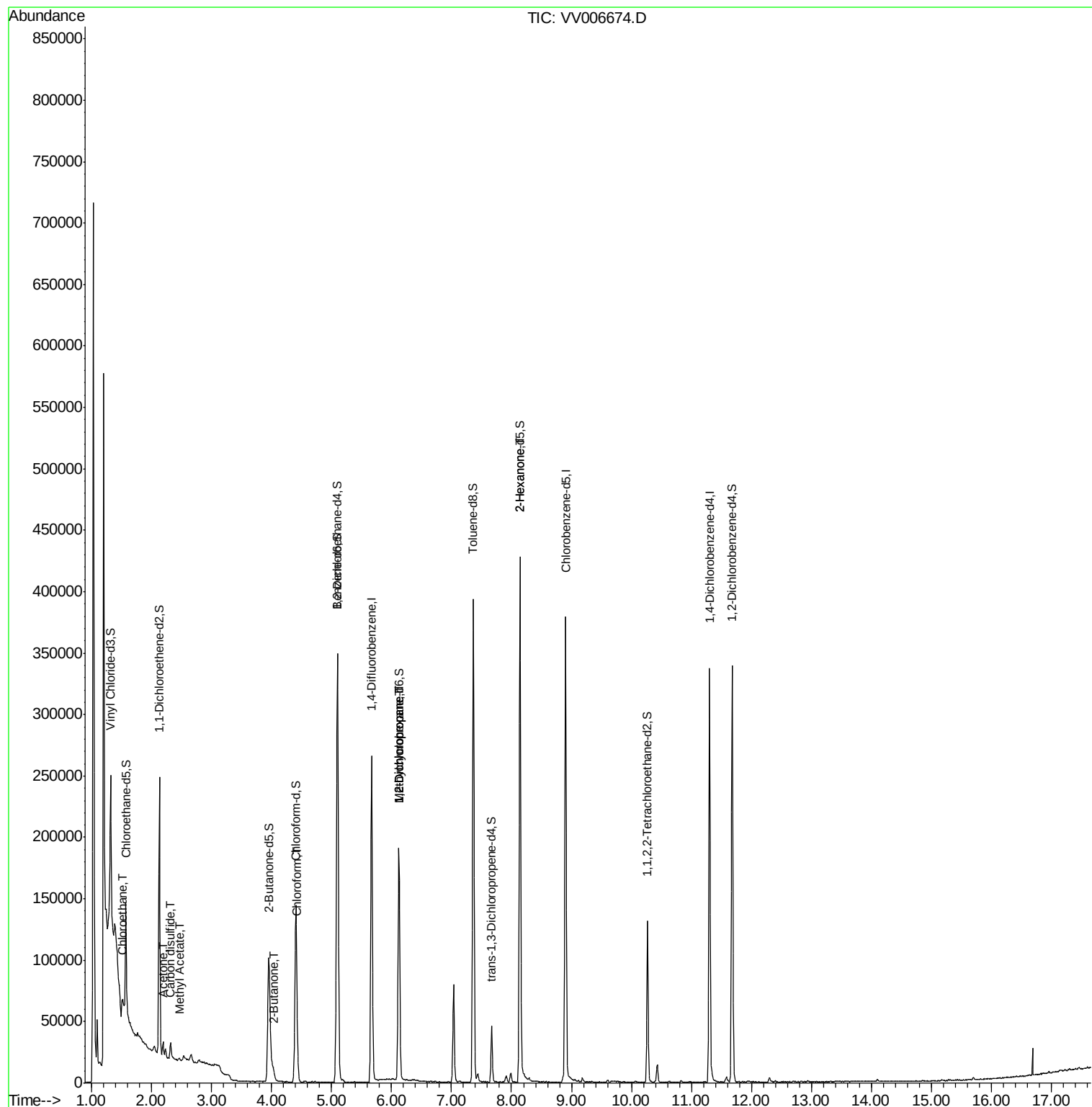
					Qvalue
8) Chloroethane	1.51	64	33118	2.427 ug/L #	54
13) Acetone	2.19	43	8567	3.205 ug/L	94
14) Carbon disulfide	2.32	76	15123	0.275 ug/L #	92
15) Methyl Acetate	2.46	43	1745	0.222 ug/L	96
21) 2-Butanone	4.04	43	6146	1.373 ug/L #	66
25) Chloroform	4.43	83	6559	0.207 ug/L	97
35) Methylcyclohexane	6.12	83	22504	0.725 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9281	0.495 ug/L #	86
48) 2-Hexanone	8.14	43	15577	2.197 ug/L #	70

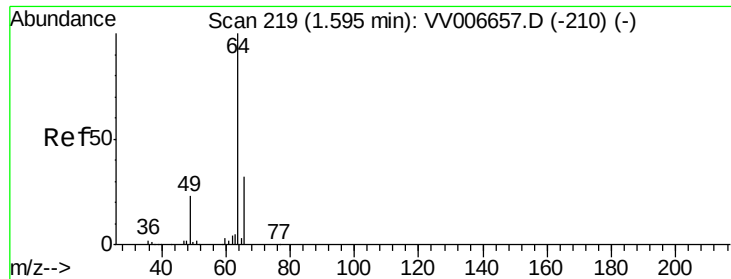
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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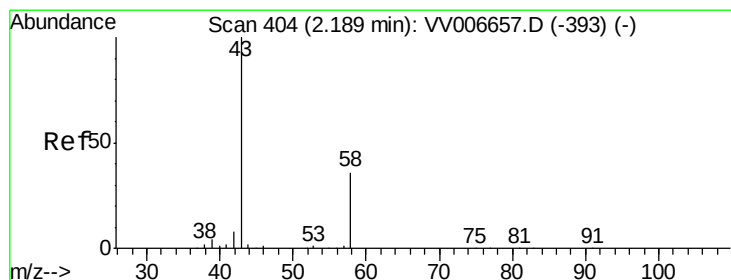
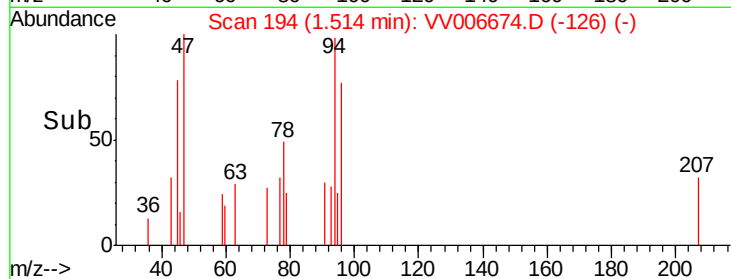
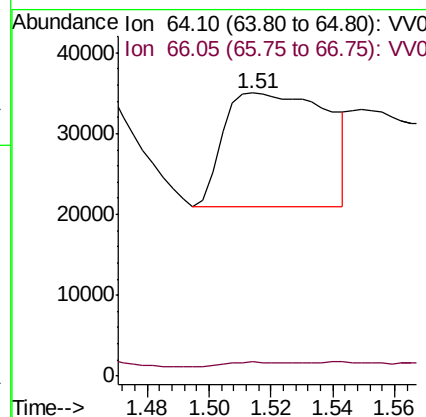
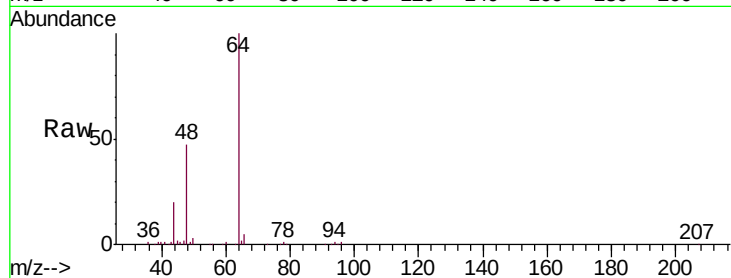




#8
Chloroethane
Concen: 2.427 ug/L
RT: 1.51 min Scan# 194
Delta R.T. -0.08 min
Lab File: VV006674.D
Acq: 20 Jul 2018 18:43

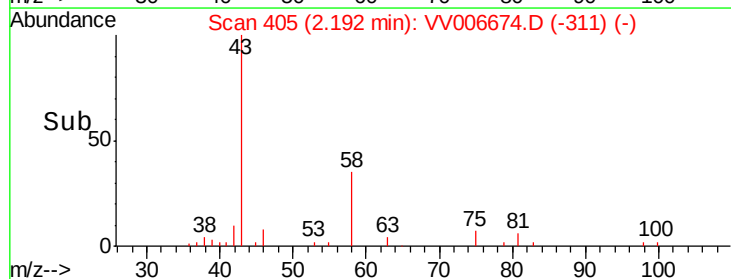
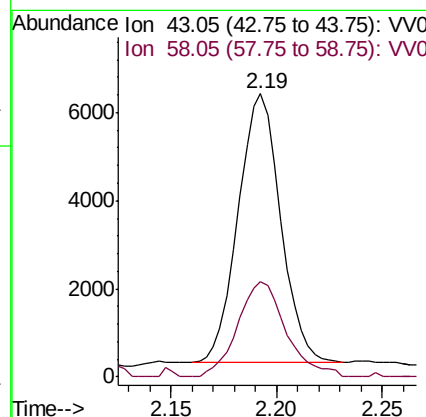
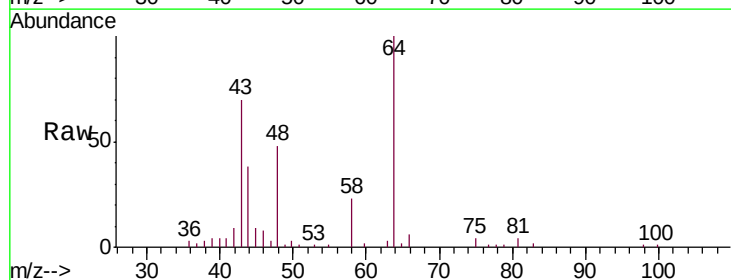
Instrument :
MSVOA_V
ClientSampled :
C0AB0

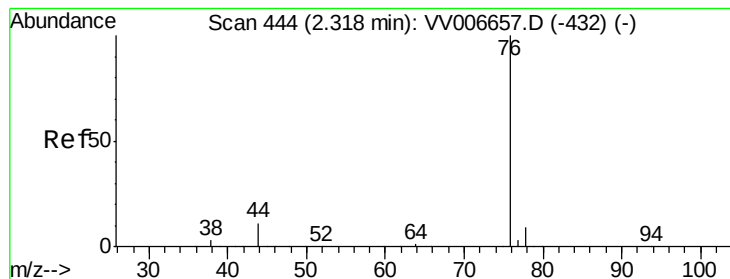
Tgt Ion: 64 Resp: 33118
Ion Ratio Lower Upper
64 100
66 4.9 21.1 39.3#



#13
Acetone
Concen: 3.205 ug/L
RT: 2.19 min Scan# 405
Delta R.T. 0.00 min
Lab File: VV006674.D
Acq: 20 Jul 2018 18:43

Tgt Ion: 43 Resp: 8567
Ion Ratio Lower Upper
43 100
58 40.1 0.0 72.8





#14

Carbon disulfide

Concen: 0.275 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006674.D

Acq: 20 Jul 2018 18:43

Instrument :

MSVOA_V

ClientSampleId :

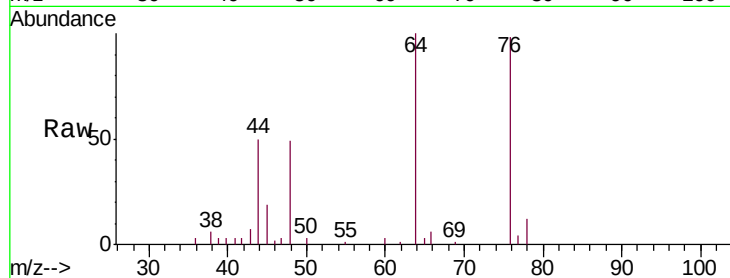
C0AB0

Tgt Ion: 76 Resp: 15123

Ion Ratio Lower Upper

76 100

78 11.8 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VV006674.D (-351) (-)

Ion 78.00 (77.70 to 78.70): VV006674.D (-351) (-)

2.32

8000

6000

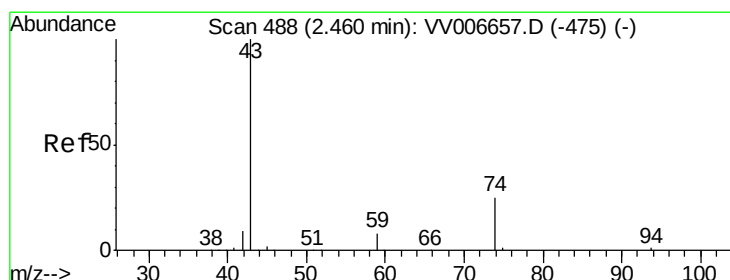
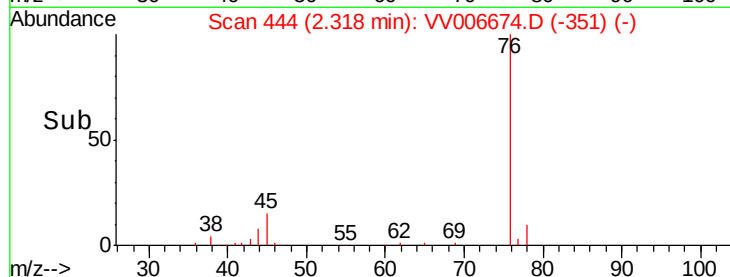
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 0.222 ug/L

RT: 2.46 min Scan# 489

Delta R.T. 0.00 min

Lab File: VV006674.D

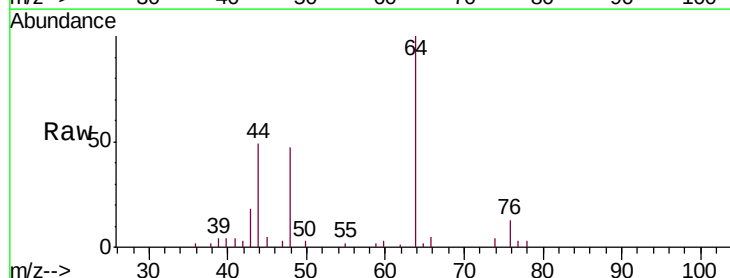
Acq: 20 Jul 2018 18:43

Tgt Ion: 43 Resp: 1745

Ion Ratio Lower Upper

43 100

74 27.2 20.3 30.5



Abundance Ion 43.05 (42.75 to 43.75): VV006674.D (-395) (-)

Ion 74.05 (73.75 to 74.75): VV006674.D (-395) (-)

2.46

1500

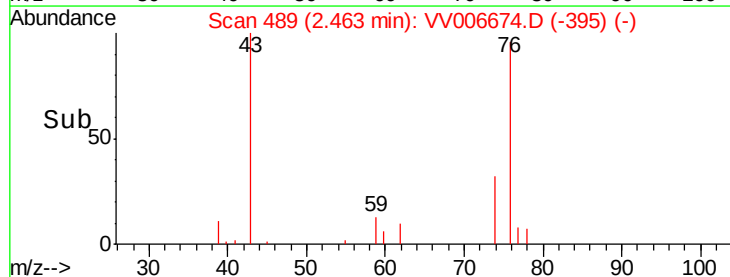
1000

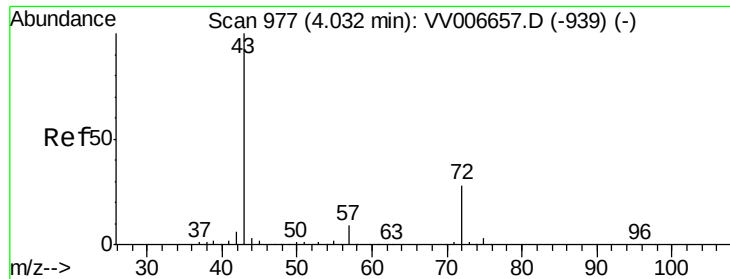
500

0

Time-->

2.40 2.45 2.50





#21

2-Butanone

Concen: 1.373 ug/L

RT: 4.04 min Scan# 979

Delta R.T. 0.01 min

Lab File: VV006674.D

Acq: 20 Jul 2018 18:43

Instrument :

MSVOA_V

ClientSampleId :

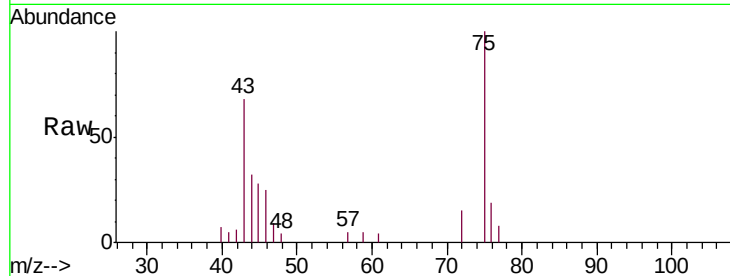
C0AB0

Tgt Ion: 43 Resp: 6146

Ion Ratio Lower Upper

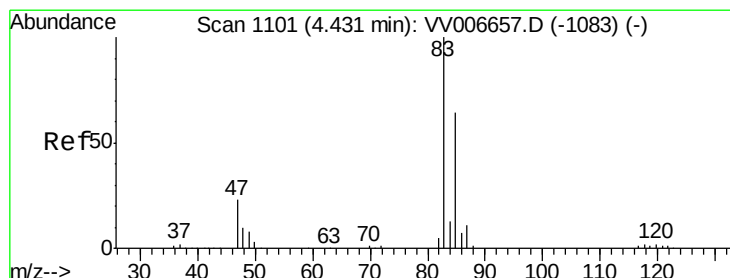
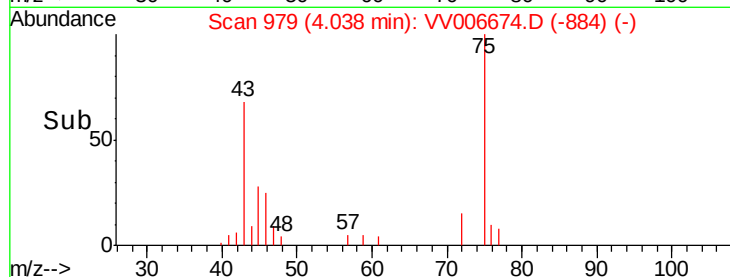
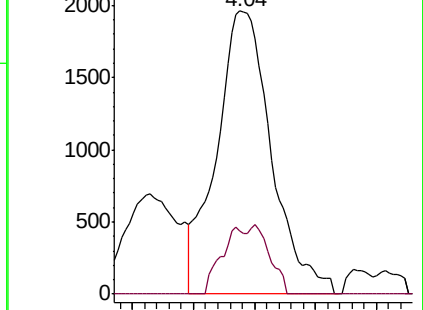
43 100

72 10.0 13.9 41.6#



Abundance Ion 43.05 (42.75 to 43.75): VV006674.D (-939) (-)

Ion 72.10 (71.80 to 72.80): VV006674.D (-939) (-)



#25

Chloroform

Concen: 0.207 ug/L

RT: 4.43 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV006674.D

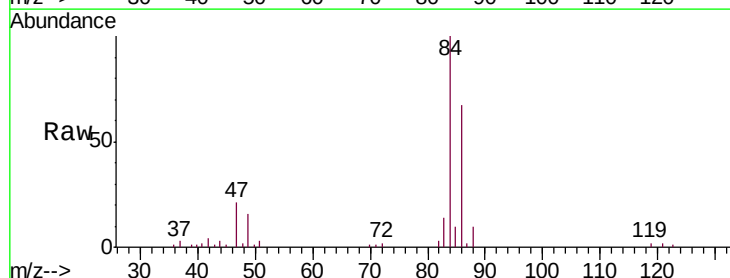
Acq: 20 Jul 2018 18:43

Tgt Ion: 83 Resp: 6559

Ion Ratio Lower Upper

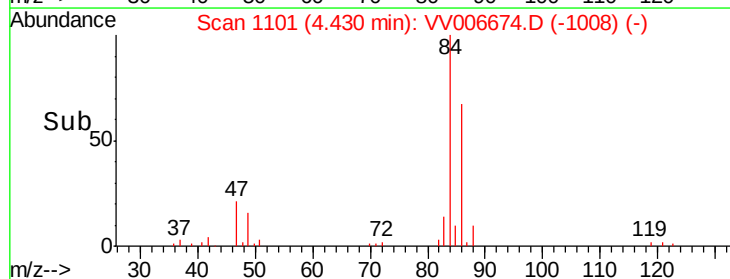
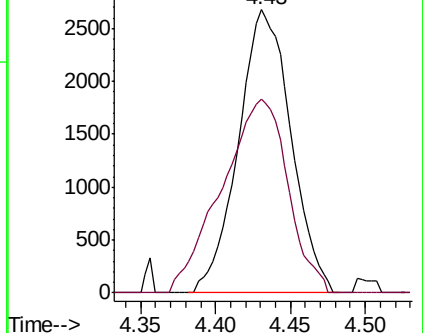
83 100

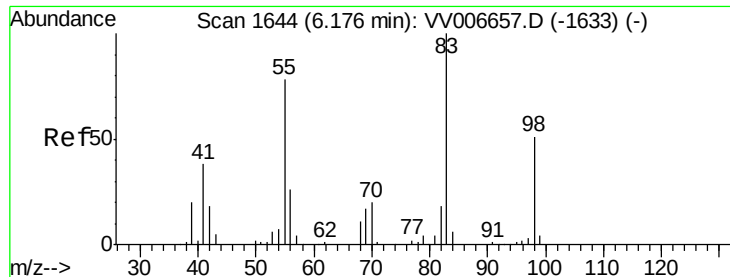
85 68.3 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VV006674.D (-1083) (-)

Ion 85.00 (84.70 to 85.70): VV006674.D (-1083) (-)

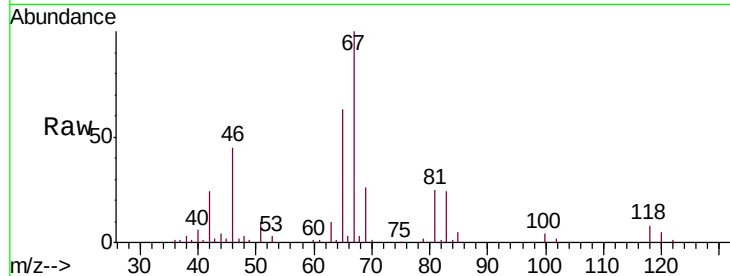




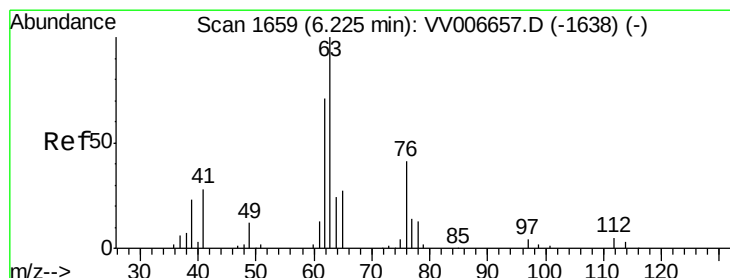
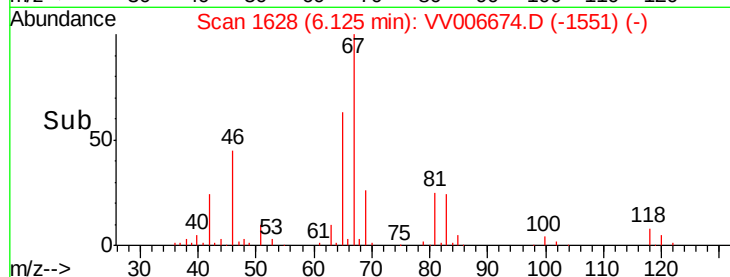
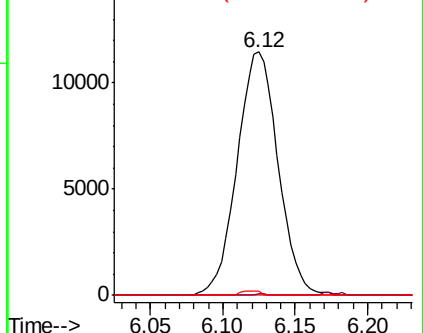
#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006674.D
Acq: 20 Jul 2018 18:43

Instrument :
MSVOA_V
ClientSampleId :
C0AB0

Tgt Ion: 83 Resp: 22504
Ion Ratio Lower Upper
83 100
55 0.2 61.3 91.9#
98 0.8 39.4 59.0#

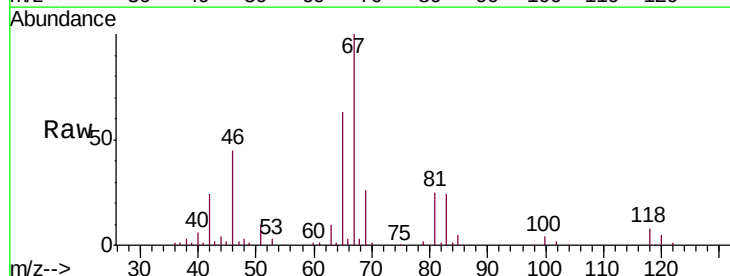


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

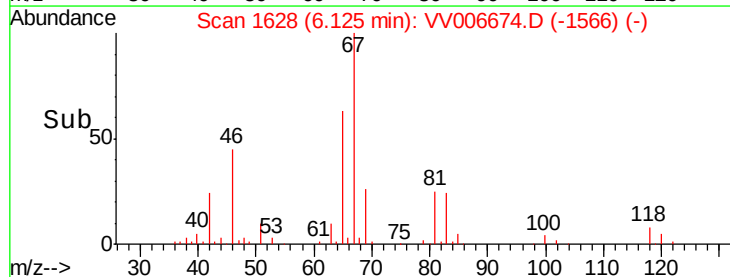
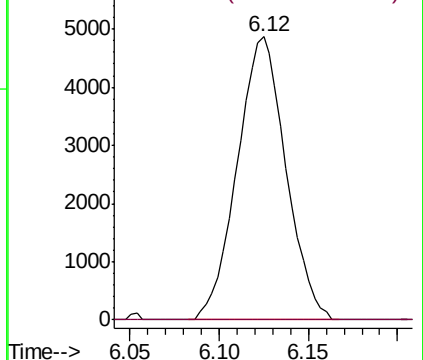


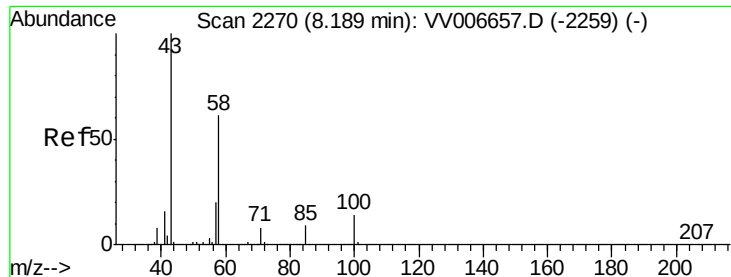
#37
1,2-Dichloropropane
Concen: 0.495 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006674.D
Acq: 20 Jul 2018 18:43

Tgt Ion: 63 Resp: 9281
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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





#48
 2-Hexanone
 Concen: 2.197 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006674.D
 Acq: 20 Jul 2018 18:43

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB0

Tgt Ion:	43	Resp:	15577
Ion	Ratio	Lower	Upper
43	100		
58	37.0	48.2	72.2#
57	34.2	16.2	24.4#
100	2.1	11.0	16.4#

