

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070218\
 Data File : VV006532.D
 Acq On : 02 Jul 2018 16:07
 Operator : SY/MD
 Sample : J3792-10
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0H5

Quant Time: Jul 02 23:33:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 30 02:15:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	289646	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	265494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124908	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	95735	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	1.58	69	84451	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.00%
11) 1,1-Dichloroethene-d2	2.13	63	129281	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.97	46	223559	62.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.28%
24) Chloroform-d	4.41	84	172908	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.09	65	86562	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.11	84	374375	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.12	67	115897	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	7.37	98	328593	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	34370	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.14	63	177157	58.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74179	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	128470	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

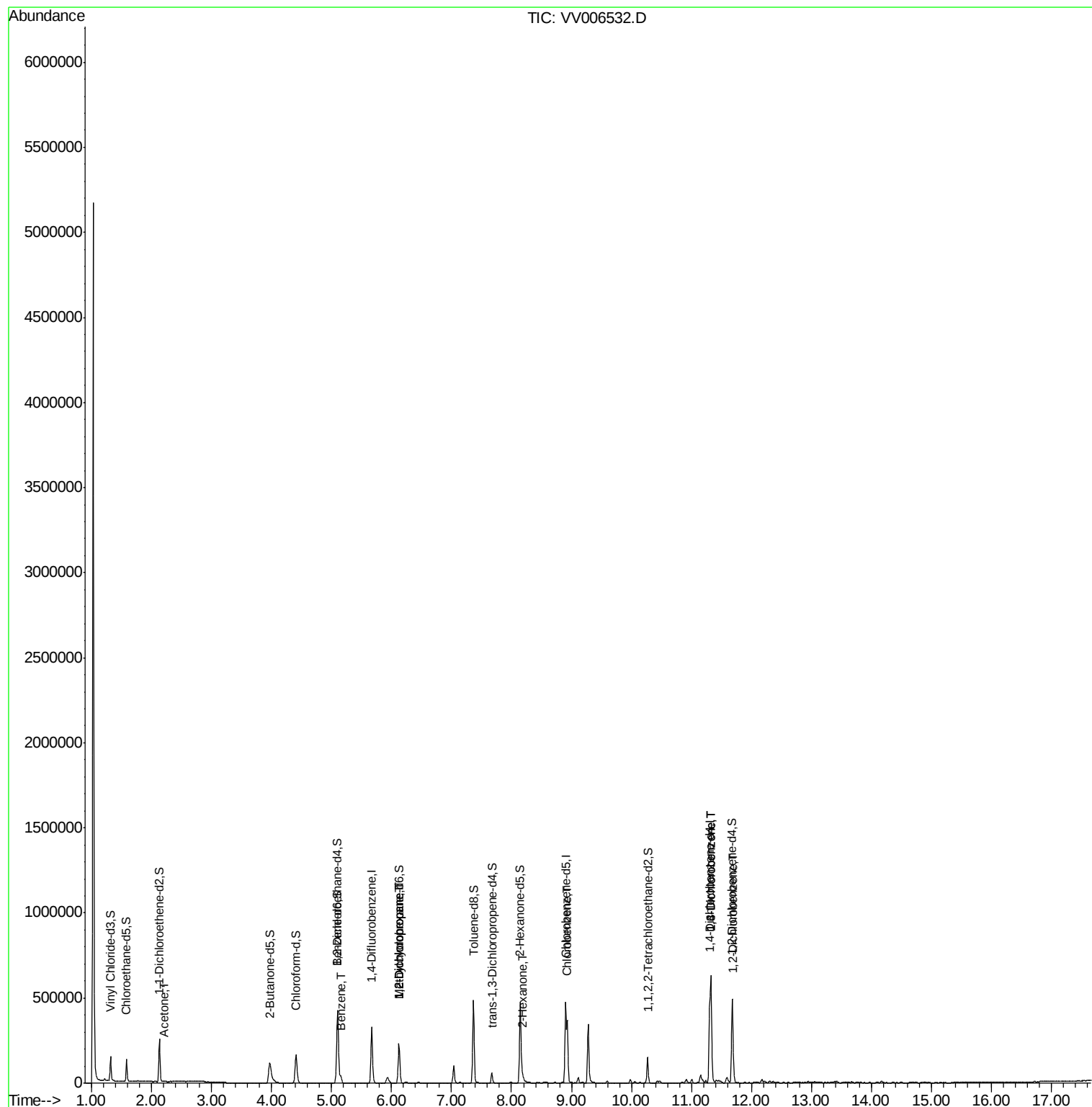
					Qvalue
13) Acetone	2.21	43	2714	1.241 ug/L	97
33) Benzene	5.15	78	42283	0.539 ug/L	100
35) Methylcyclohexane	6.13	83	27796	0.852 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	12013	0.627 ug/L #	89
48) 2-Hexanone	8.19	43	18511	2.760 ug/L #	78
51) Chlorobenzene	8.93	112	195793	3.564 ug/L	100
62) 1,3-Dichlorobenzene	11.33	146	254536	6.187 ug/L	98
63) 1,4-Dichlorobenzene	11.33	146	254536	6.185 ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	24910	0.647 ug/L	96

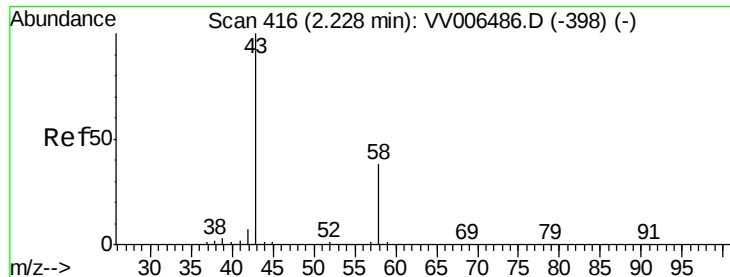
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.241 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.02 min

Lab File: VV006532.D

Acq: 02 Jul 2018 16:07

Instrument :

MSVOA_V

ClientSampled :

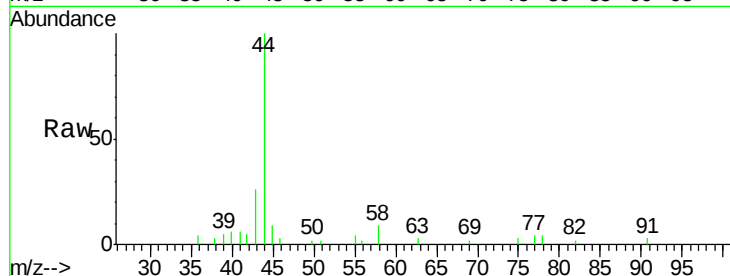
DB0H5

Tgt Ion: 43 Resp: 2714

Ion Ratio Lower Upper

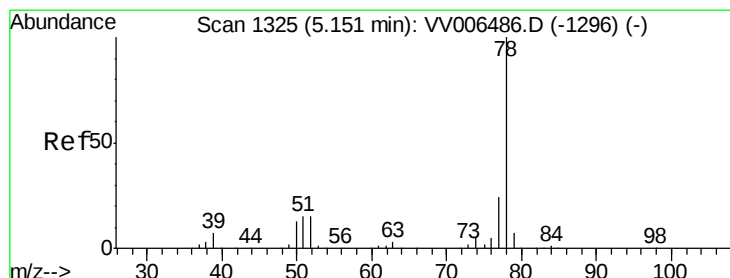
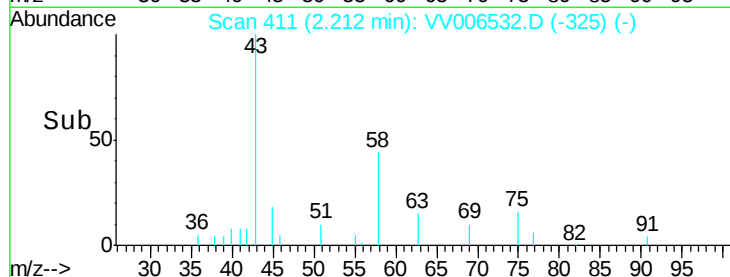
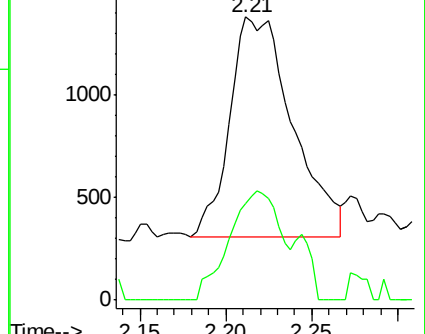
43 100

58 40.5 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV006486.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VV006486.D (-398) (-)



#33

Benzene

Concen: 0.539 ug/L

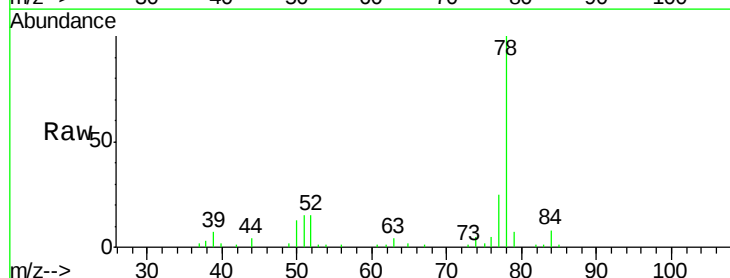
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006532.D

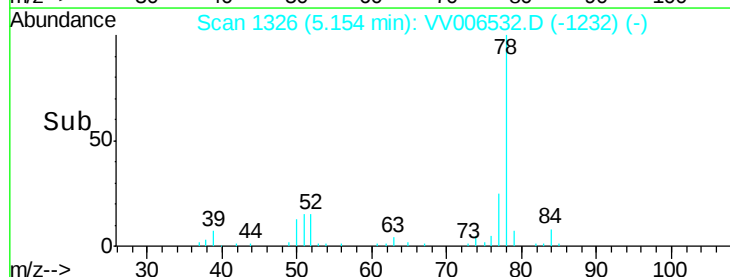
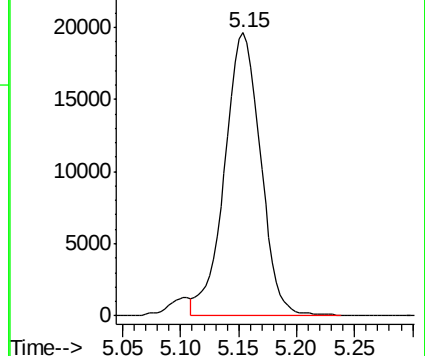
Acq: 02 Jul 2018 16:07

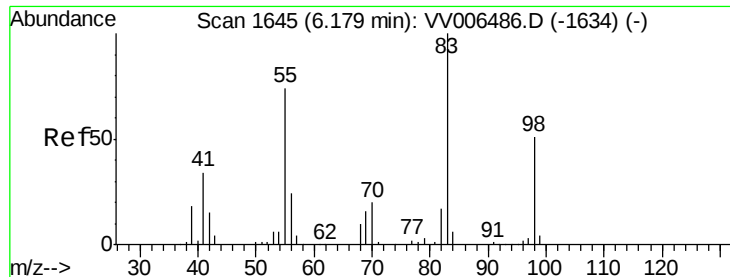
Tgt Ion: 78 Resp: 42283



Abundance Ion 78.10 (77.80 to 78.80): VV006486.D (-1296) (-)

Ion 84.10 (83.80 to 84.80): VV006486.D (-1296) (-)

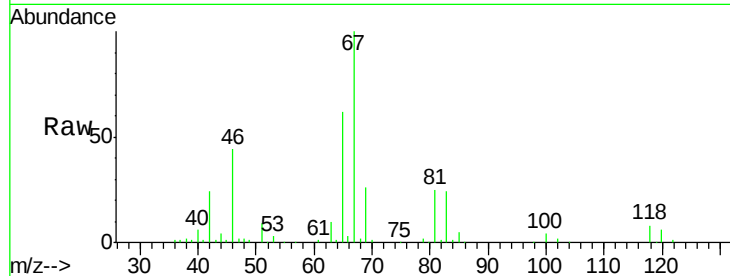




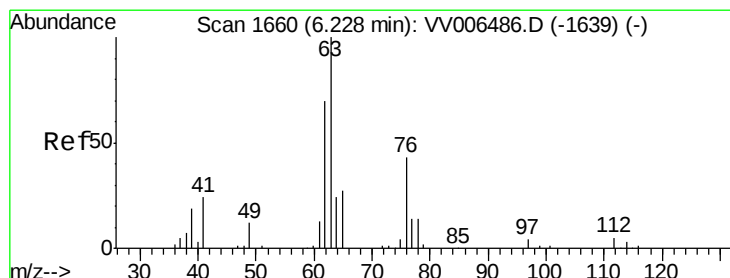
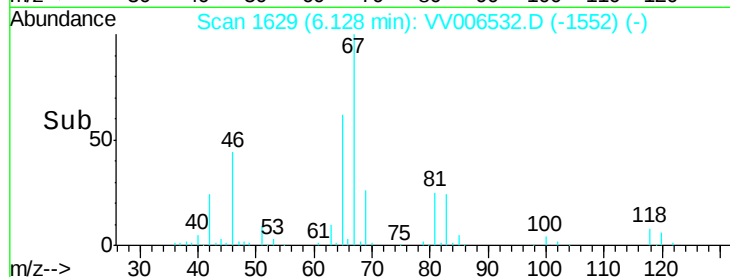
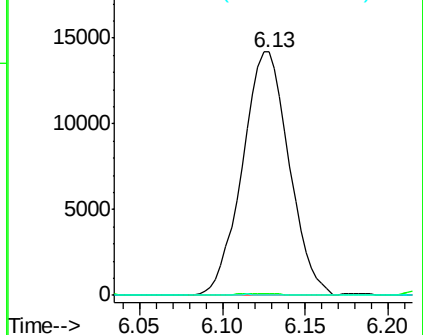
#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.05 min
Lab File: VV006532.D
Acq: 02 Jul 2018 16:07

Instrument :
MSVOA_V
ClientSampleId :
DB0H5

Tgt Ion: 83 Resp: 27796
Ion Ratio Lower Upper
83 100
55 0.0 57.5 86.3#
98 0.1 39.6 59.4#

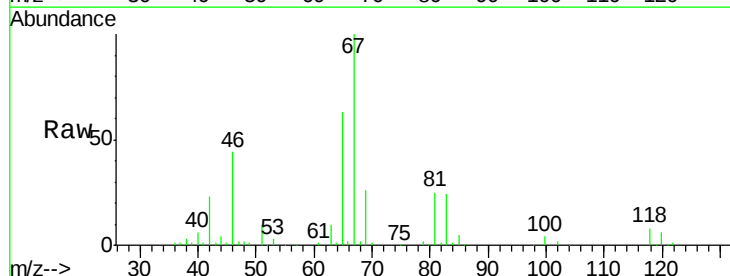


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

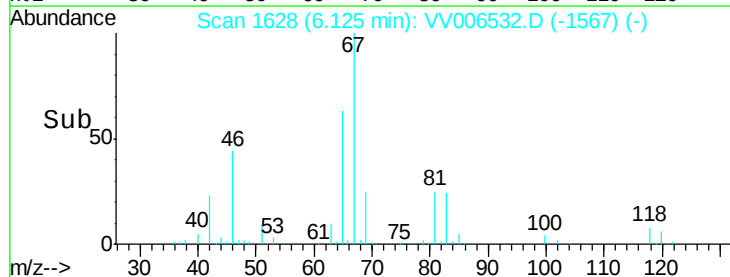
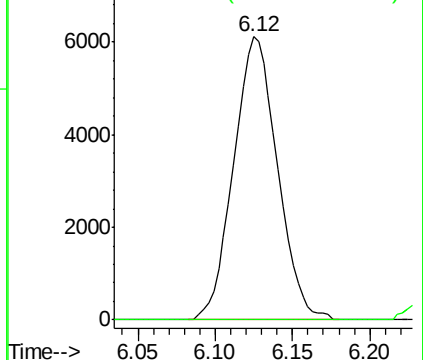


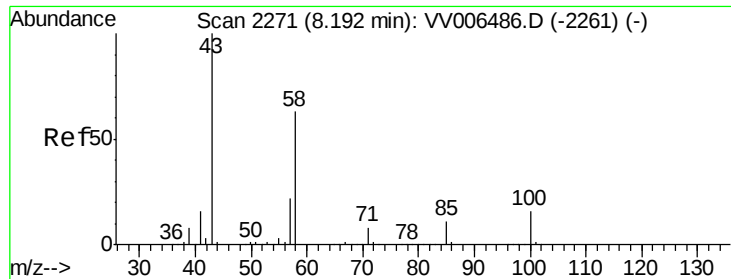
#37
1,2-Dichloropropane
Concen: 0.627 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006532.D
Acq: 02 Jul 2018 16:07

Tgt Ion: 63 Resp: 12013
Ion Ratio Lower Upper
63 100
112 8.7 4.0 6.0#



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

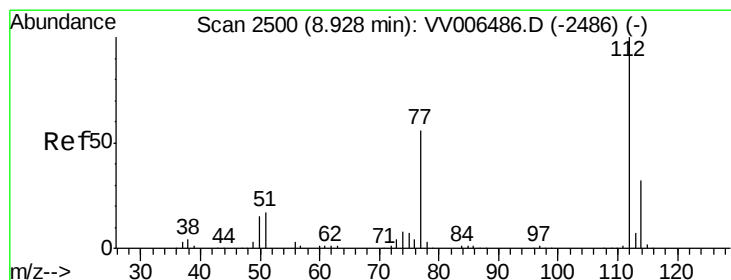
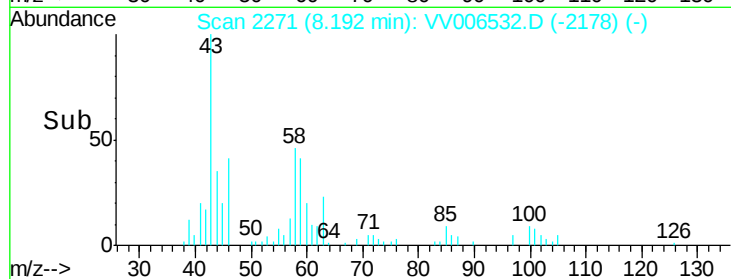
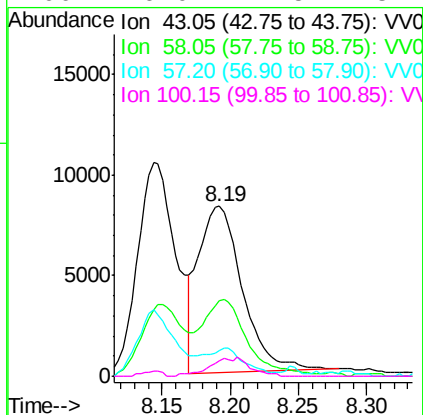
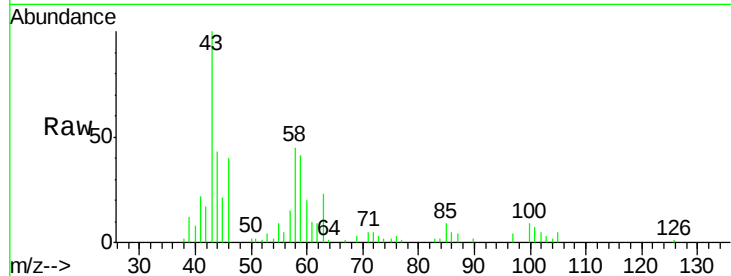




#48
2-Hexanone
Concen: 2.760 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006532.D
Acq: 02 Jul 2018 16:07

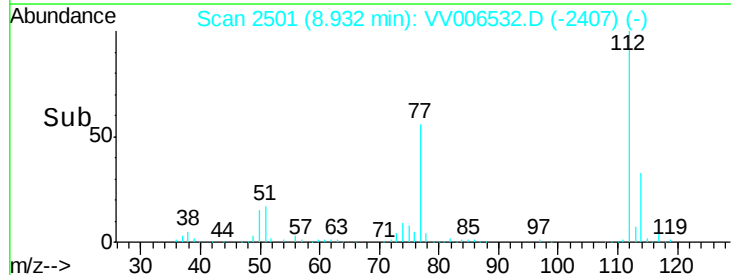
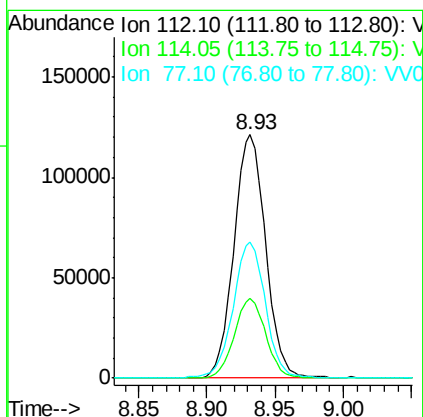
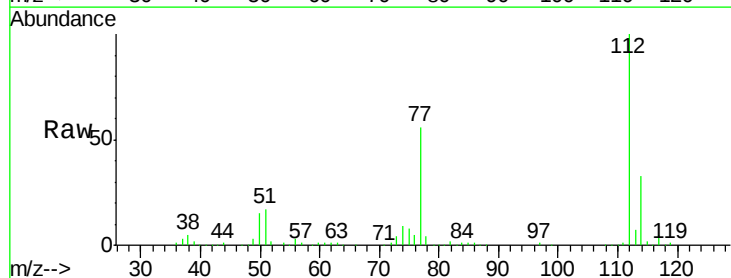
Instrument :
MSVOA_V
ClientSampleId :
DB0H5

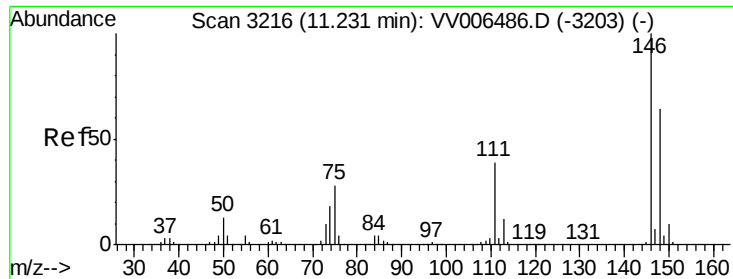
Tgt Ion: 43 Resp: 18511
Ion Ratio Lower Upper
43 100
58 46.5 49.9 74.9#
57 10.3 17.3 25.9#
100 6.0 12.5 18.7#



#51
Chlorobenzene
Concen: 3.564 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006532.D
Acq: 02 Jul 2018 16:07

Tgt Ion: 112 Resp: 195793
Ion Ratio Lower Upper
112 100
114 32.6 22.8 42.4
77 55.7 44.6 66.8





#62

1,3-Dichlorobenzene

Concen: 6.187 ug/L

RT: 11.33 min Scan# 3246

Delta R.T. 0.10 min

Lab File: VV006532.D

Acq: 02 Jul 2018 16:07

Instrument :

MSVOA_V

ClientSampleId :

DB0H5

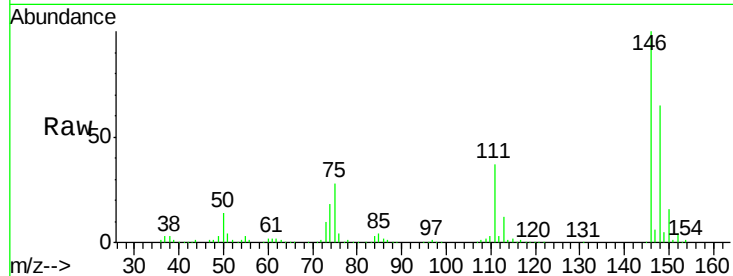
Tgt Ion:146 Resp: 254536

Ion Ratio Lower Upper

146 100

111 37.3 27.4 51.0

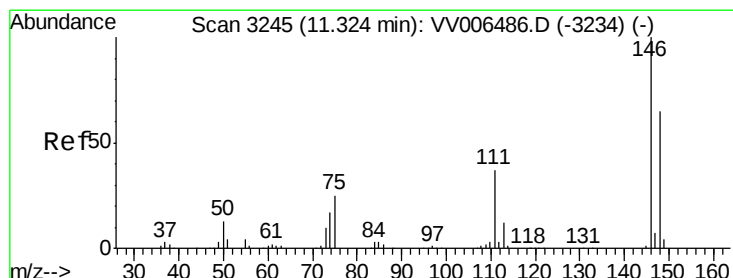
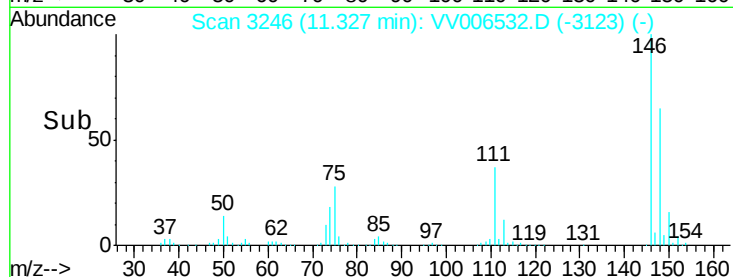
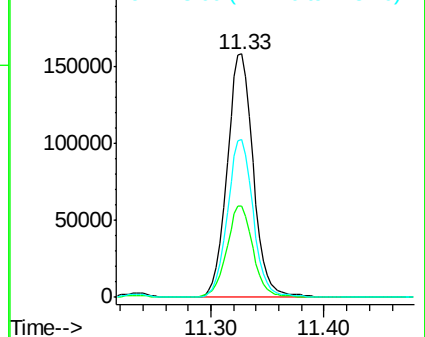
148 64.6 44.1 81.9



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 6.185 ug/L

RT: 11.33 min Scan# 3246

Delta R.T. 0.00 min

Lab File: VV006532.D

Acq: 02 Jul 2018 16:07

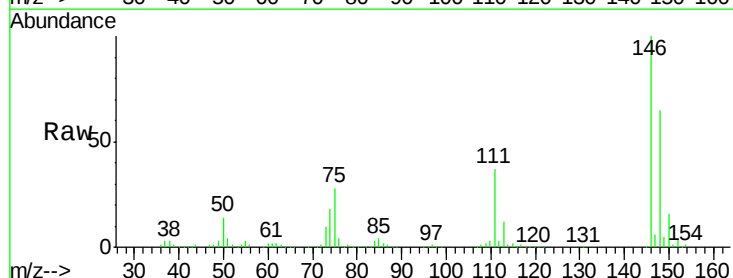
Tgt Ion:146 Resp: 254536

Ion Ratio Lower Upper

146 100

111 37.3 26.3 48.9

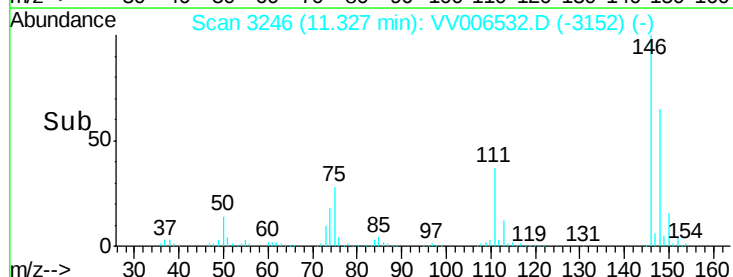
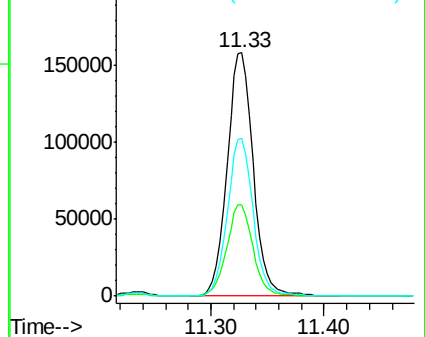
148 64.6 44.0 81.6

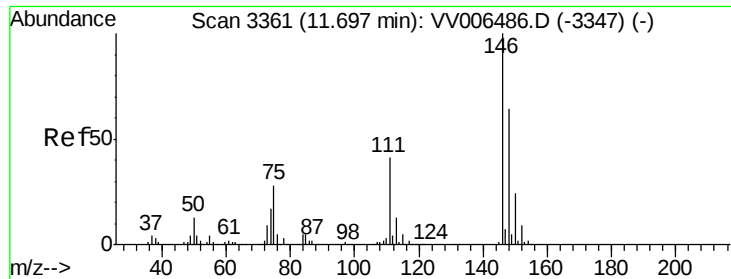


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65
 1,2-Dichlorobenzene
 Concen: 0.647 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. -0.00 min
 Lab File: VV006532.D
 Acq: 02 Jul 2018 16:07

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0H5

Tgt Ion:146 Resp: 24910
 Ion Ratio Lower Upper
 146 100
 111 41.5 32.0 48.0
 148 67.1 50.8 76.2

