

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006276.D
 Acq On : 15 Jun 2018 12:26
 Operator : SY/MD
 Sample : J3507-17MS
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWD0MS

Quant Time: Jun 15 23:50:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 23:47:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	326341	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	291558	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	133550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57968	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.58	69	56757	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.14	63	120595	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.96	46	229691	60.69	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.38%
24) Chloroform-d	4.41	84	136852	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.09	65	74070	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.11	84	270200	3.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.20%
36) 1,2-Dichloropropane-d6	6.12	67	88268	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	7.37	98	233150	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
43) trans-1,3-Dichloropropene-	7.67	79	31582	3.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.00%
46) 2-Hexanone-d5	8.14	63	193118	47.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69376	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	100130	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

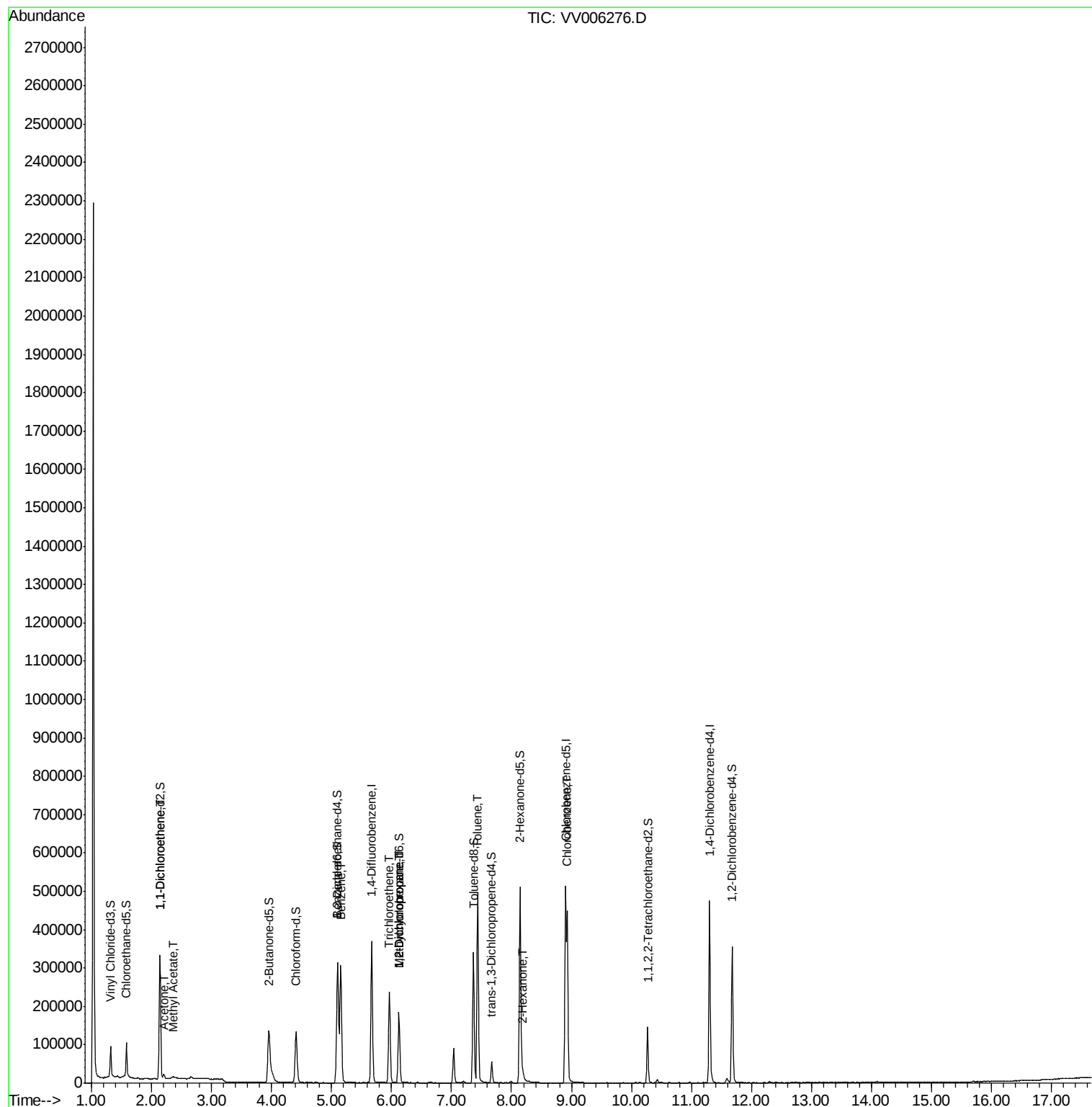
					Qvalue
12) 1,1-Dichloroethene	2.15	96	69047	3.687 ug/L	90
13) Acetone	2.20	43	11124	5.424 ug/L	98
15) Methyl Acetate	2.36	43	2350	0.385 ug/L #	45
33) Benzene	5.15	78	313338	3.898 ug/L	100
34) Trichloroethene	5.96	95	80008	3.647 ug/L	99
35) Methylcyclohexane	6.12	83	21454	0.569 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9143	0.475 ug/L #	85
42) Toluene	7.44	91	371885	4.191 ug/L	99
48) 2-Hexanone	8.19	43	14566	2.081 ug/L #	80
51) Chlorobenzene	8.93	112	237905	4.176 ug/L	99

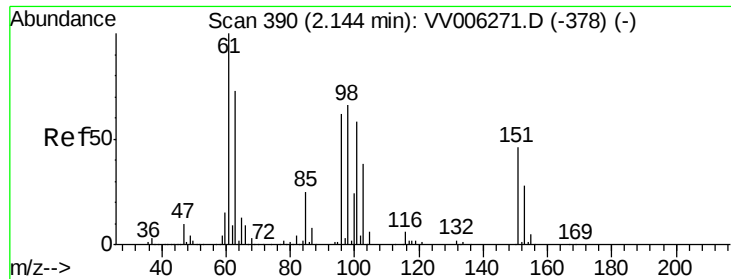
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 15 23:47:49 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.687 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV006276.D

Acq: 15 Jun 2018 12:26

Instrument :

MSVOA_V

ClientSampleId :

ESWD0MS

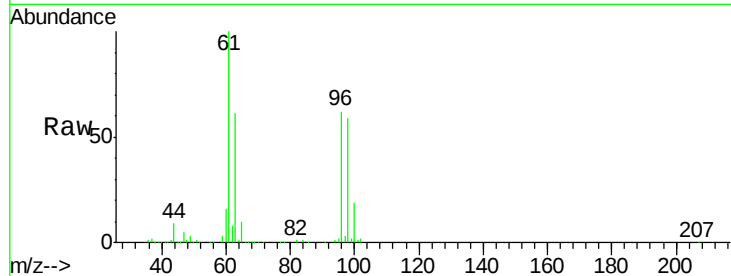
Tgt Ion: 96 Resp: 69047

Ion Ratio Lower Upper

96 100

61 161.2 114.2 212.2

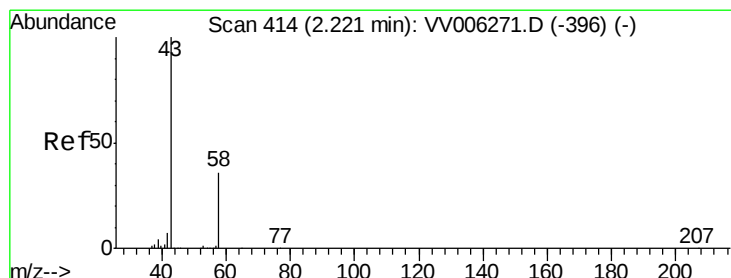
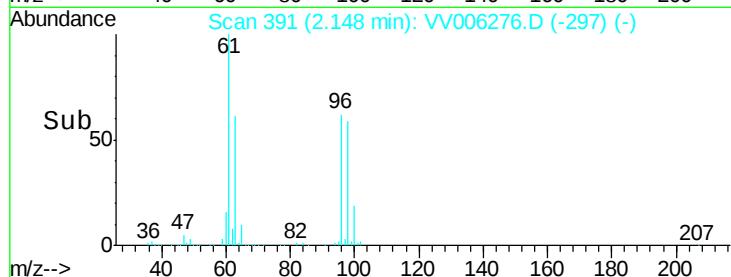
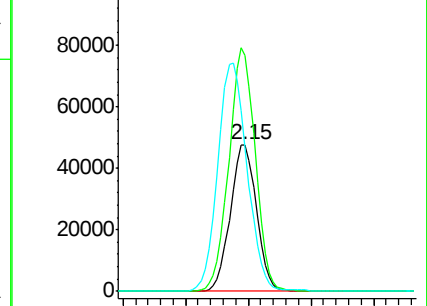
63 98.1 85.0 157.8



Abundance Ion 96.00 (95.70 to 96.70): VV006276.D (-297) (-)

Ion 61.05 (60.75 to 61.75): VV006276.D (-297) (-)

Ion 63.00 (62.70 to 63.70): VV006276.D (-297) (-)



#13

Acetone

Concen: 5.424 ug/L

RT: 2.20 min Scan# 408

Delta R.T. -0.02 min

Lab File: VV006276.D

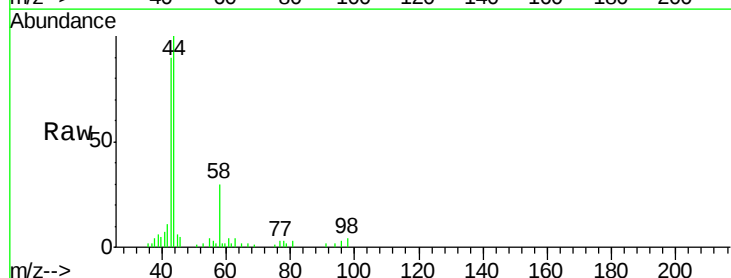
Acq: 15 Jun 2018 12:26

Tgt Ion: 43 Resp: 11124

Ion Ratio Lower Upper

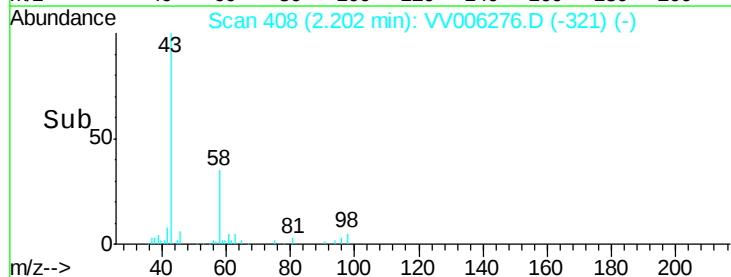
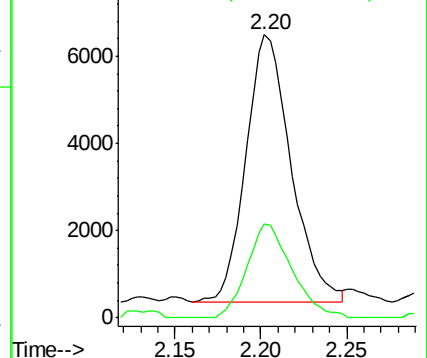
43 100

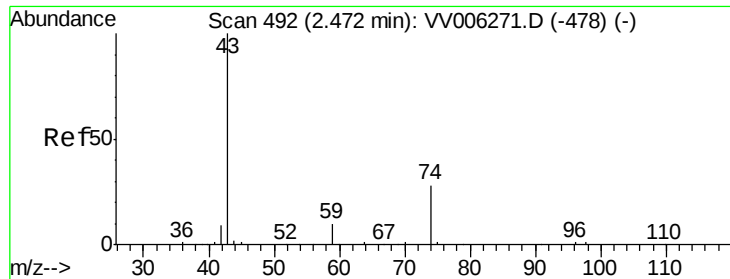
58 35.1 0.0 67.4



Abundance Ion 43.05 (42.75 to 43.75): VV006276.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VV006276.D (-321) (-)

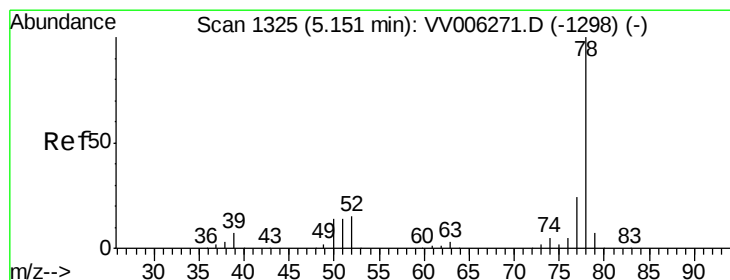
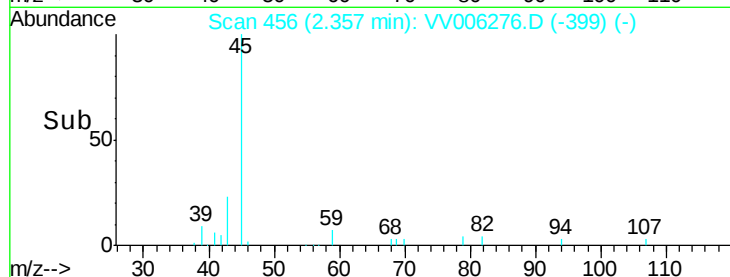
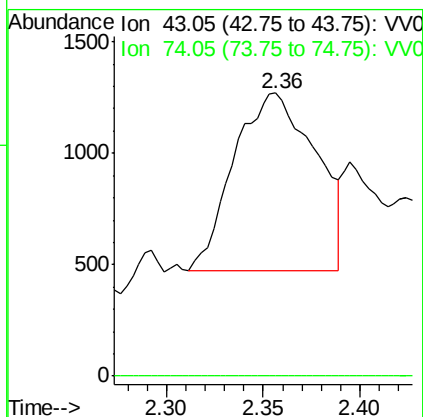
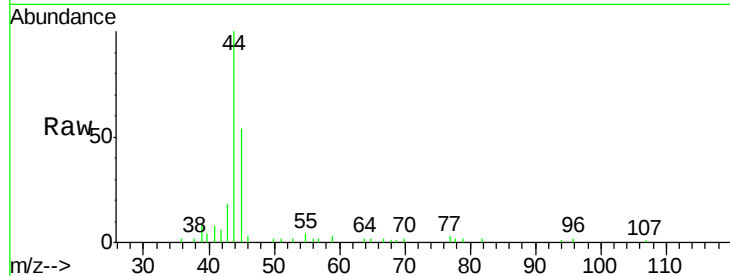




#15
Methyl Acetate
Concen: 0.385 ug/L
RT: 2.36 min Scan# 456
Delta R.T. -0.12 min
Lab File: VV006276.D
Acq: 15 Jun 2018 12:26

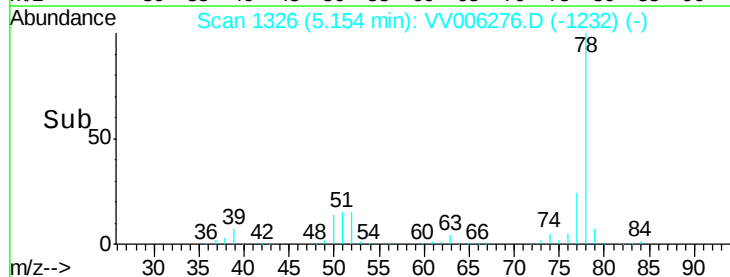
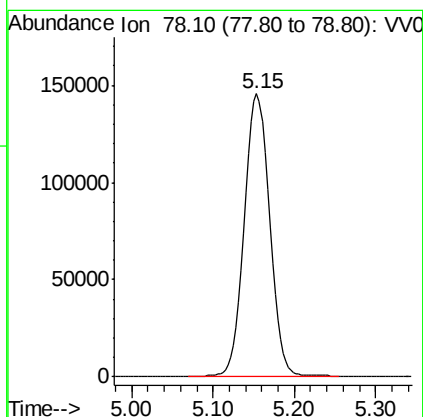
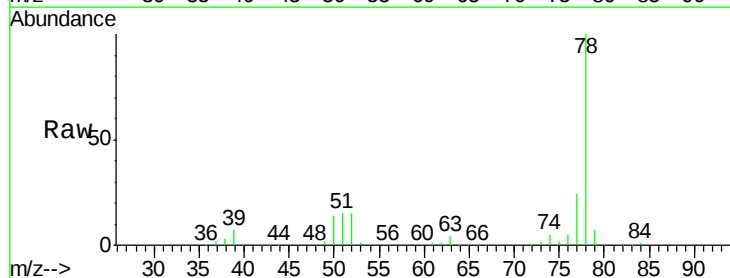
Instrument :
MSVOA_V
ClientSampleId :
ESWD0MS

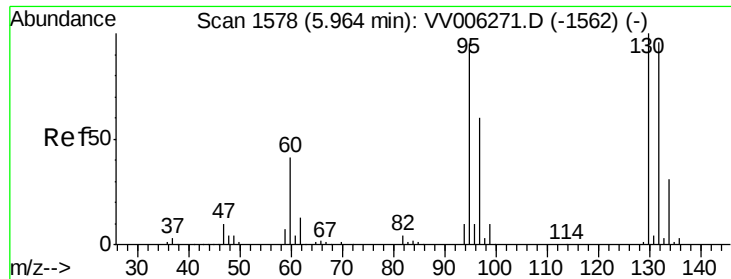
Tgt Ion: 43 Resp: 2350
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#



#33
Benzene
Concen: 3.898 ug/L
RT: 5.15 min Scan# 1326
Delta R.T. 0.00 min
Lab File: VV006276.D
Acq: 15 Jun 2018 12:26

Tgt Ion: 78 Resp: 313338





#34

Trichloroethene

Concen: 3.647 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006276.D

Acq: 15 Jun 2018 12:26

Instrument :

MSVOA_V

ClientSampleId :

ESWD0MS

Tgt Ion: 95 Resp: 80008

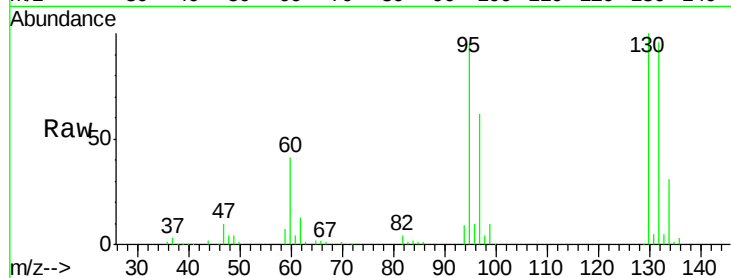
Ion Ratio Lower Upper

95 100

97 65.0 45.1 83.9

132 100.6 69.0 128.1

130 105.1 72.8 135.2

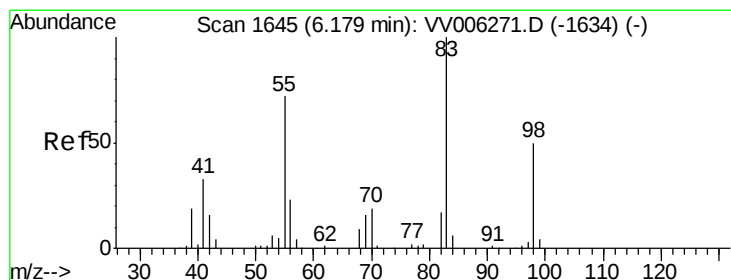
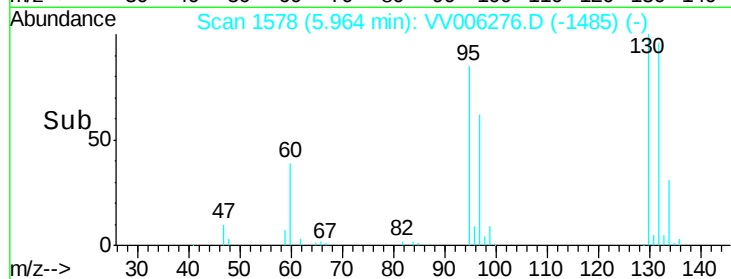
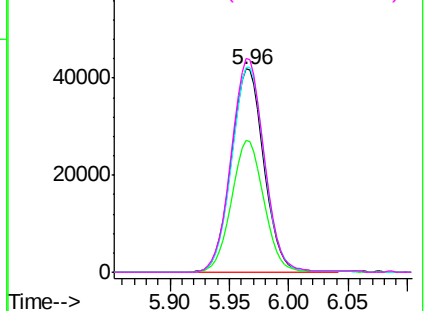


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.569 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006276.D

Acq: 15 Jun 2018 12:26

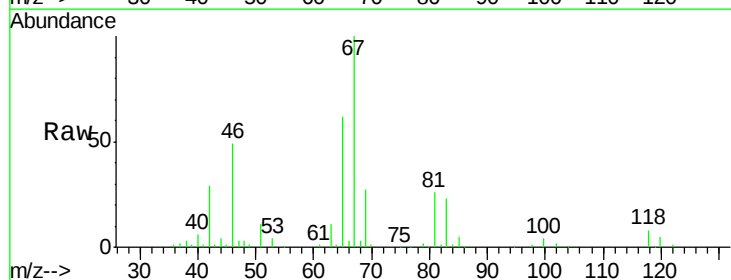
Tgt Ion: 83 Resp: 21454

Ion Ratio Lower Upper

83 100

55 0.8 57.5 86.3#

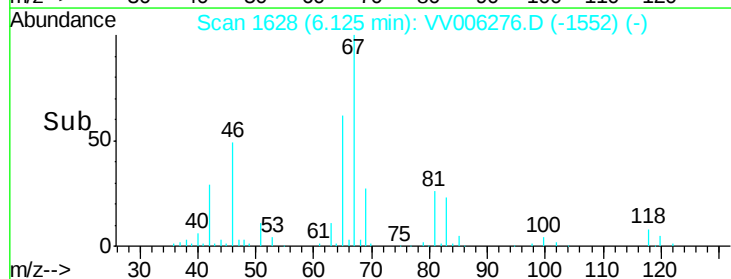
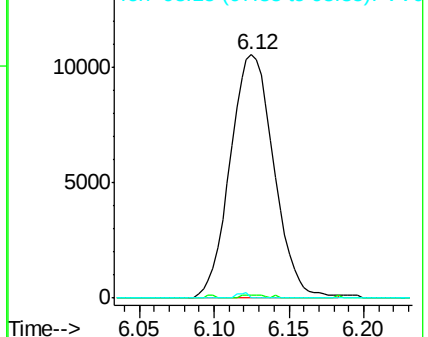
98 0.0 39.8 59.8#

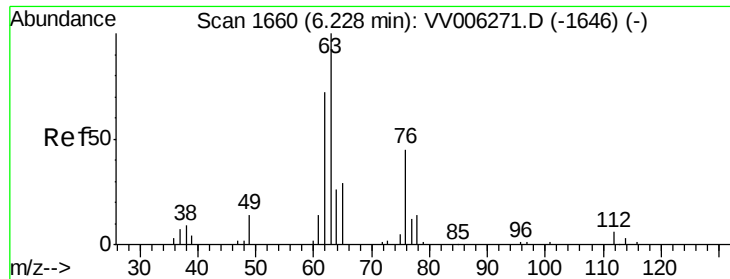


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

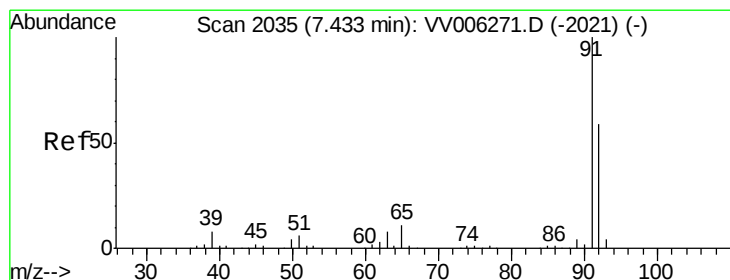
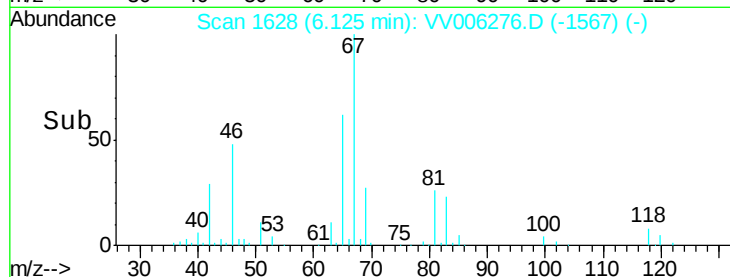
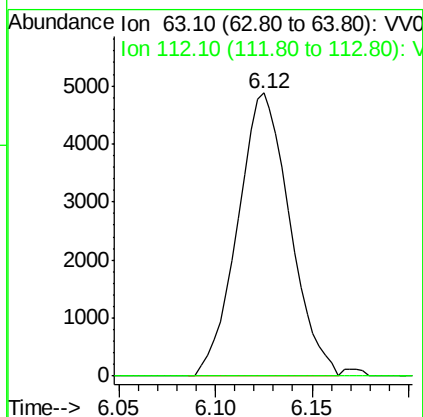
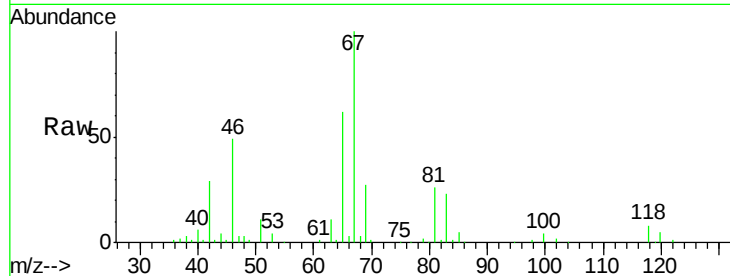




#37
 1,2-Dichloropropane
 Concen: 0.475 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006276.D
 Acq: 15 Jun 2018 12:26

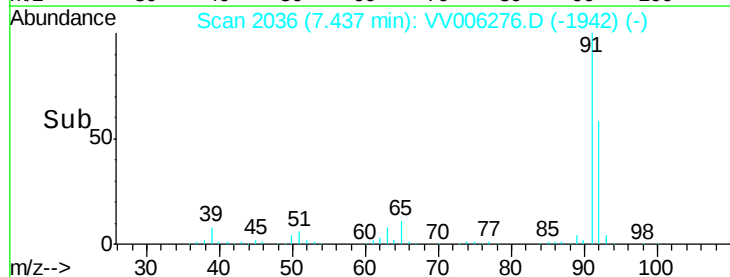
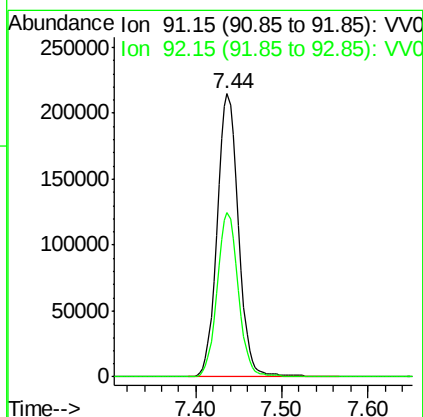
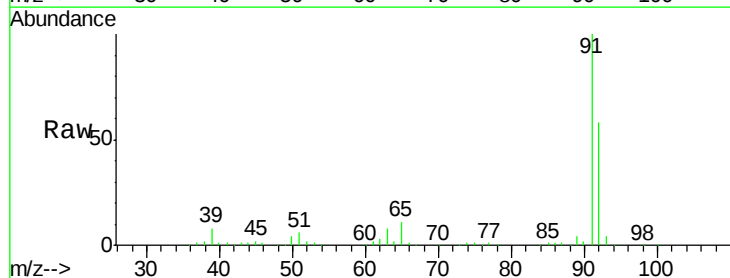
Instrument :
 MSVOA_V
 ClientSampled :
 ESWD0MS

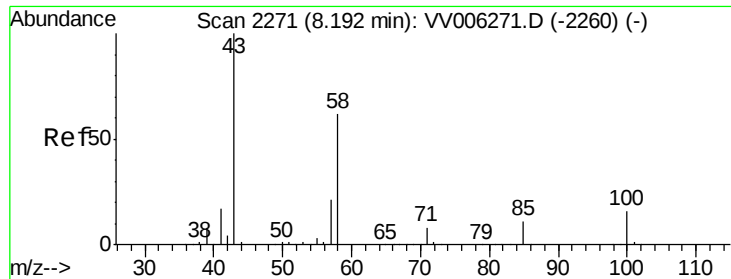
Tgt Ion: 63 Resp: 9143
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#42
 Toluene
 Concen: 4.191 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006276.D
 Acq: 15 Jun 2018 12:26

Tgt Ion: 91 Resp: 371885
 Ion Ratio Lower Upper
 91 100
 92 58.2 41.1 76.3

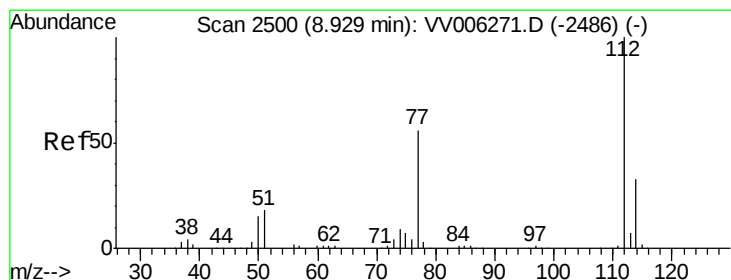
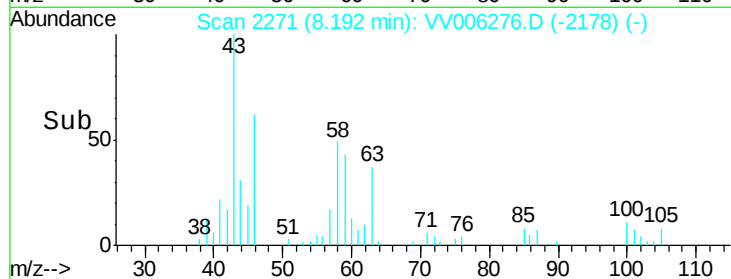
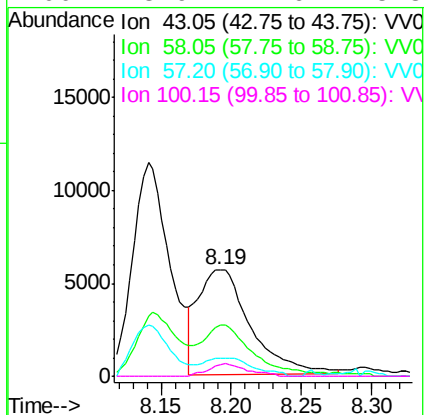
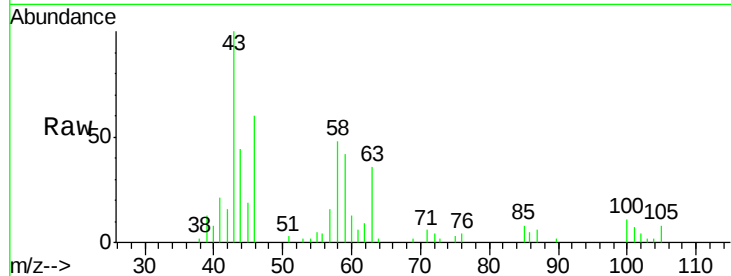




#48
2-Hexanone
Concen: 2.081 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006276.D
Acq: 15 Jun 2018 12:26

Instrument :
MSVOA_V
ClientSampleId :
ESWD0MS

Tgt Ion: 43 Resp: 14566
Ion Ratio Lower Upper
43 100
58 42.0 48.6 72.8#
57 16.8 17.5 26.3#
100 8.9 12.6 18.8#



#51
Chlorobenzene
Concen: 4.176 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006276.D
Acq: 15 Jun 2018 12:26

Tgt Ion: 112 Resp: 237905
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 55.8 45.2 67.8

