

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062518\
 Data File : VV006454.D
 Acq On : 26 Jun 2018 03:27
 Operator : SY/MD
 Sample : J3673-12DL 1000X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 26 09:11:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:50:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	314627	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	284040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	120353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91581	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	76464	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	123349	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.98	46	186369	48.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	4.41	84	156008	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.09	65	78886	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.11	84	347967	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	103937	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.37	98	313421	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	29587	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.14	63	133500	41.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.02%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57281	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	107881	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

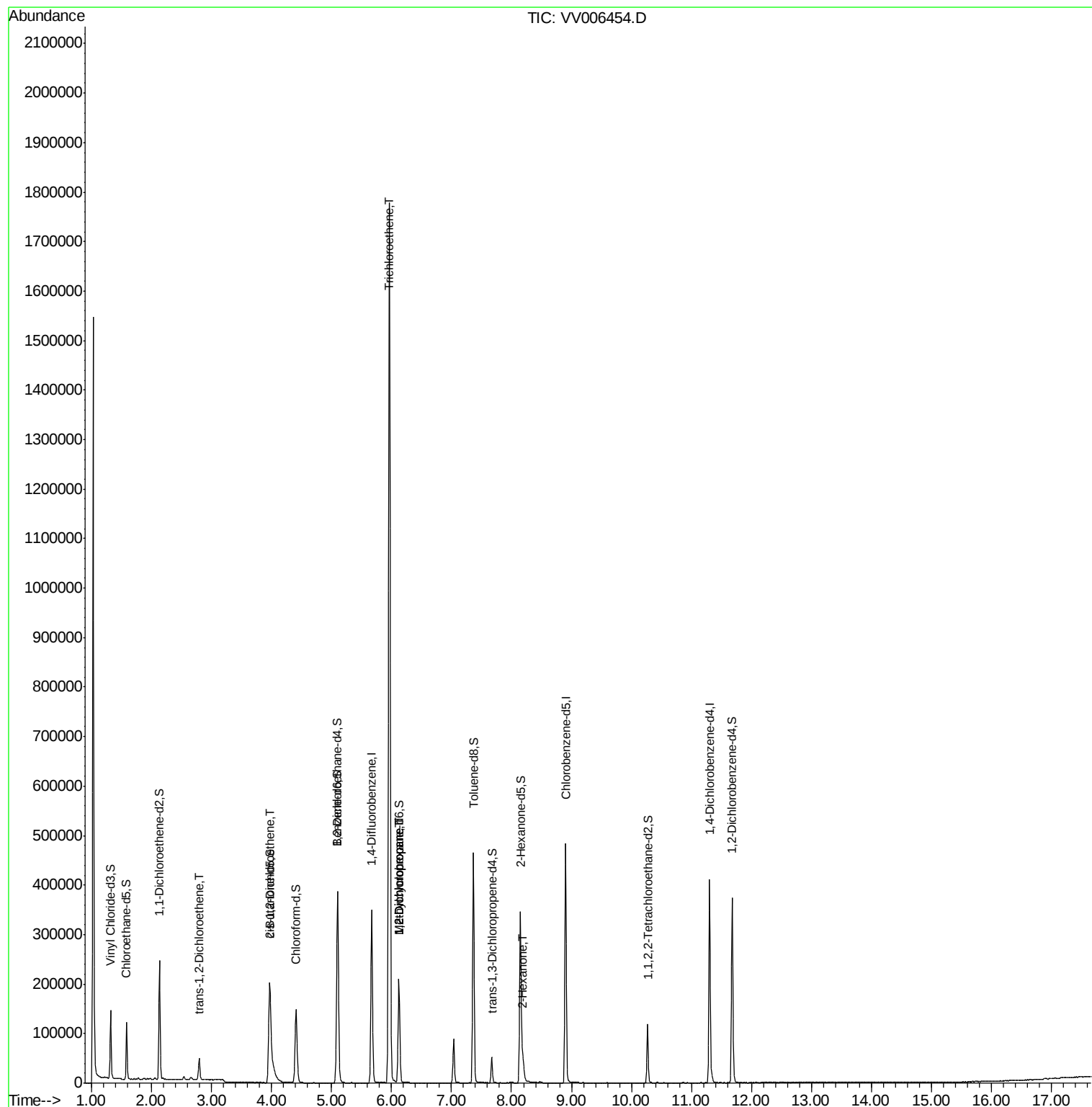
					Ovalue
18) trans-1,2-Dichloroethene	2.79	96	16213	0.78 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	85840	3.75 ug/L	100
34) Trichloroethene	5.96	95	617946	25.75 ug/L	99
35) Methylcyclohexane	6.12	83	25901	0.74 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10820	0.53 ug/L #	85
48) 2-Hexanone	8.20	43	25267	3.52 ug/L #	80

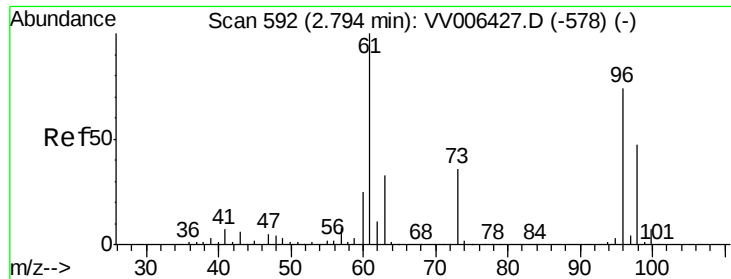
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 26 06:50:47 2018
Response via : Initial Calibration





#18

trans-1,2-Dichloroethene

Concen: 0.78 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006454.D

Acq: 26 Jun 2018 03:27

Instrument :

MSVOA_V

ClientSampleId :

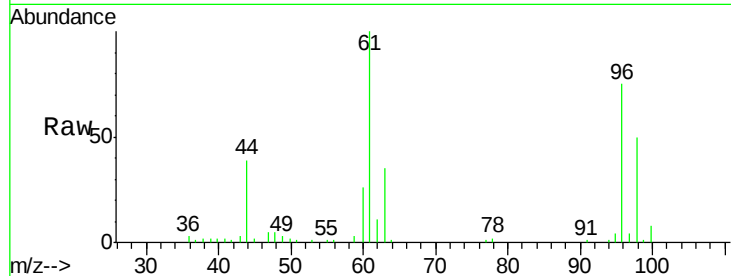
Tot Ion: 96 Resp: 16213

Ion Ratio Lower Upper

96 100

61 133.1 94.4 175.2

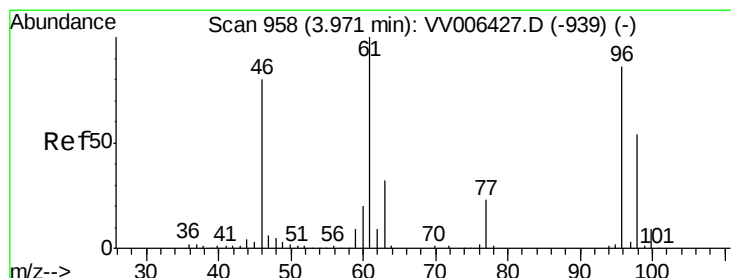
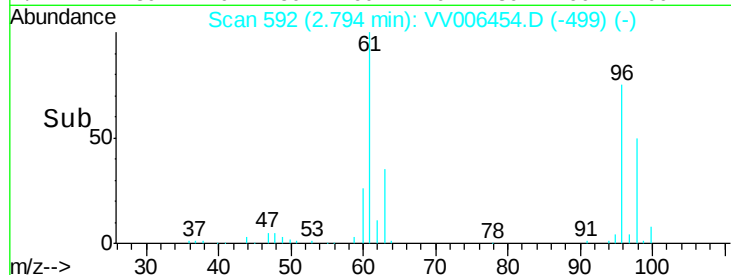
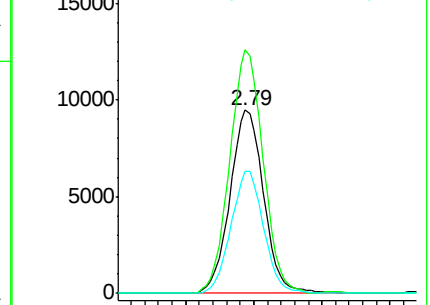
98 66.6 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV006427.D (-578) (-)

Ion 61.05 (60.75 to 61.75): VV006427.D (-578) (-)

Ion 97.95 (97.65 to 98.65): VV006427.D (-578) (-)



#22

cis-1,2-Dichloroethene

Concen: 3.75 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV006454.D

Acq: 26 Jun 2018 03:27

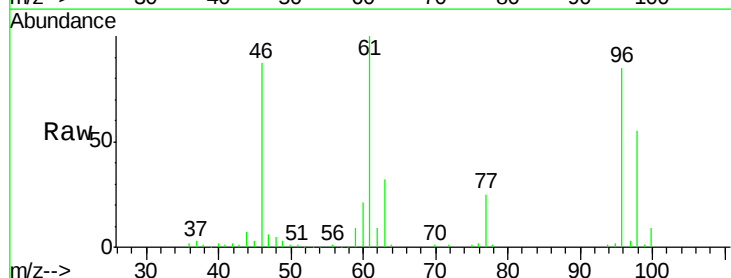
Tgt Ion: 96 Resp: 85840

Ion Ratio Lower Upper

96 100

61 117.3 81.8 151.8

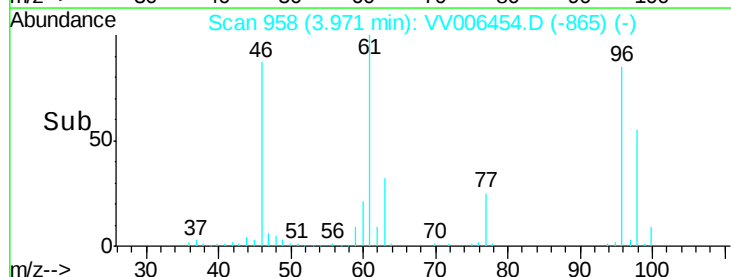
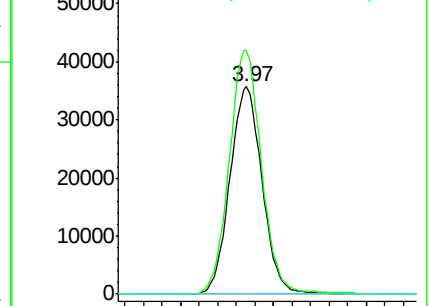
68 0.0 0.0 0.0

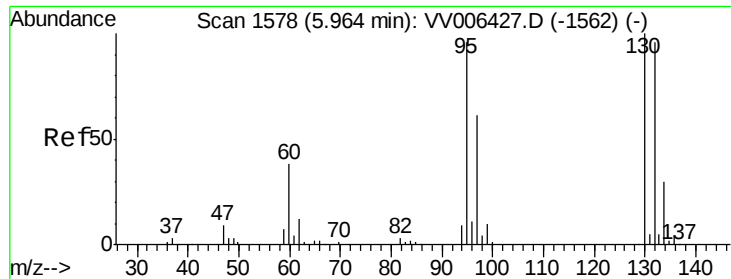


Abundance Ion 96.00 (95.70 to 96.70): VV006427.D (-939) (-)

Ion 61.05 (60.75 to 61.75): VV006427.D (-939) (-)

Ion 68.15 (67.85 to 68.85): VV006427.D (-939) (-)





#34

Trichloroethene

Concen: 25.75 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006454.D

Acq: 26 Jun 2018 03:27

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 617946

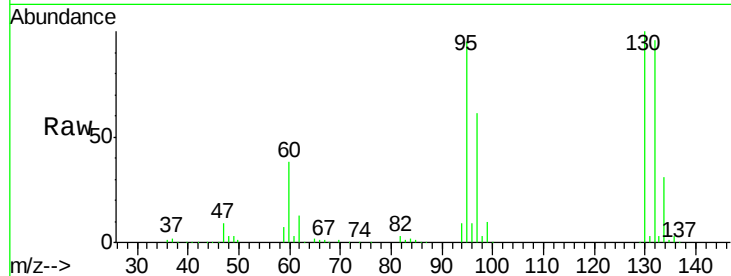
Ion Ratio Lower Upper

95 100

97 64.0 44.6 82.8

132 100.8 70.1 130.1

130 105.3 73.3 136.1

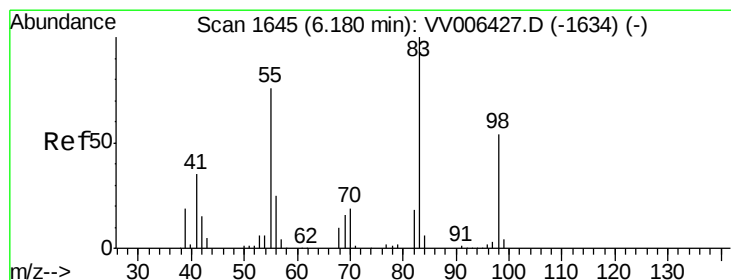
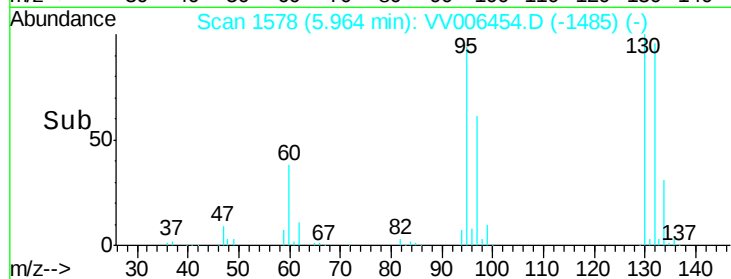
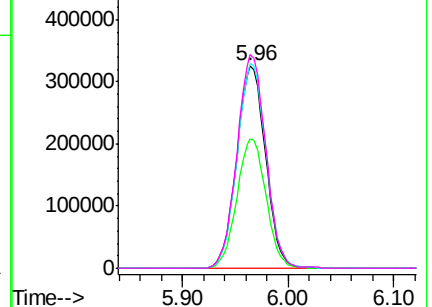


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.74 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006454.D

Acq: 26 Jun 2018 03:27

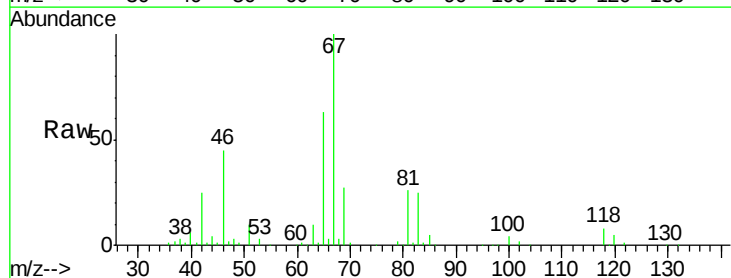
Tgt Ion: 83 Resp: 25901

Ion Ratio Lower Upper

83 100

55 0.4 57.5 86.3#

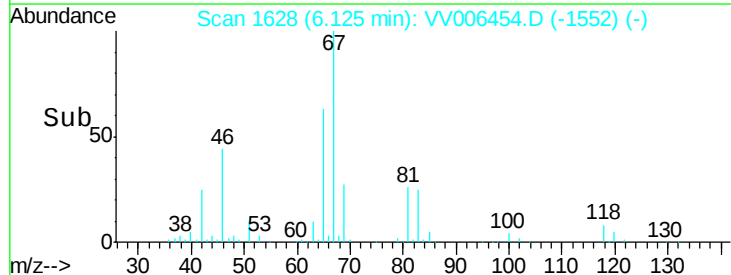
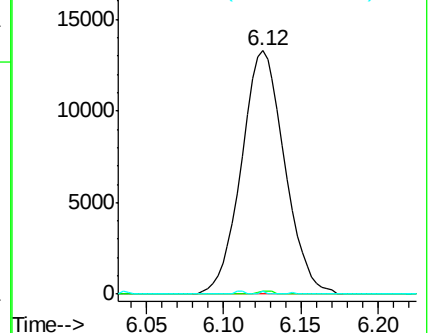
98 0.0 39.6 59.4#

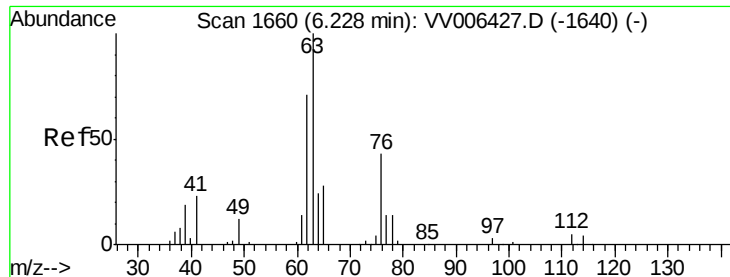


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

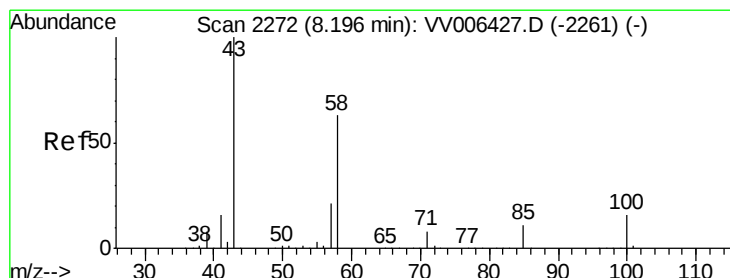
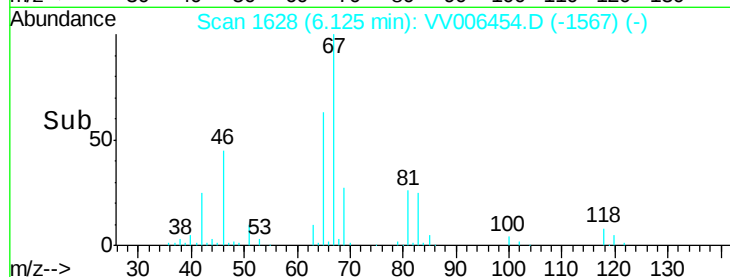
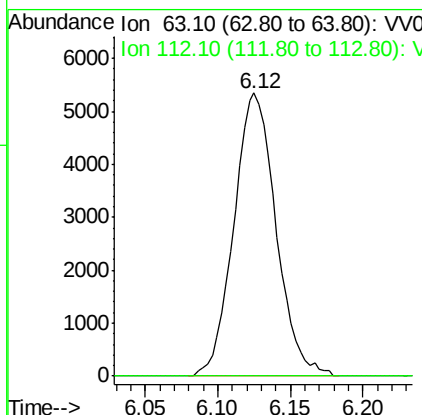
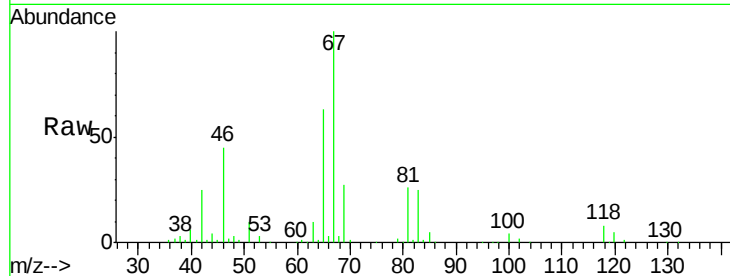




#37
 1,2-Dichloropropane
 Concen: 0.53 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006454.D
 Acq: 26 Jun 2018 03:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 10820
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#48
 2-Hexanone
 Concen: 3.52 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV006454.D
 Acq: 26 Jun 2018 03:27

Tgt Ion: 43 Resp: 25267
 Ion Ratio Lower Upper
 43 100
 58 45.0 49.9 74.9#
 57 16.2 17.3 25.9#
 100 7.6 12.5 18.7#

