

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062618\
 Data File : VV006465.D
 Acq On : 26 Jun 2018 14:20
 Operator : SY/MD
 Sample : J3673-05
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA0

Quant Time: Jun 27 02:23:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 27 02:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	313095	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	284803	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	125972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88228	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	68806	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.14	63	119321	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.96	46	193654	50.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	4.41	84	155624	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.09	65	78868	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.11	84	343919	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	103612	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.37	98	311416	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	7.67	79	30044	3.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.80%
46) 2-Hexanone-d5	8.14	63	146794	45.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60923	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	115473	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

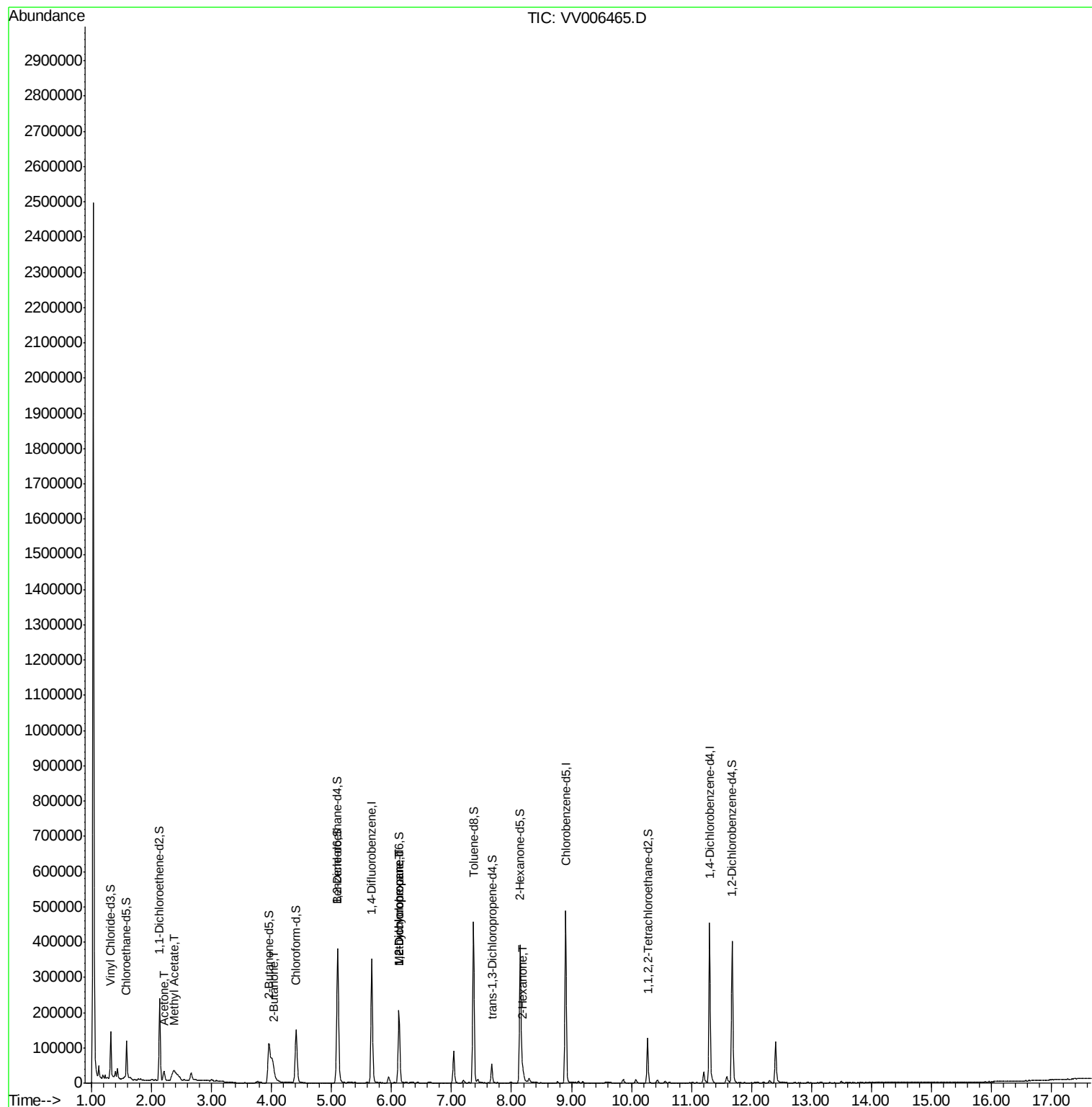
					Qvalue
13) Acetone	2.21	43	31219	13.203	ug/L 100
15) Methyl Acetate	2.37	43	18238	2.620	ug/L # 50
21) 2-Butanone	4.04	43	9985	2.337	ug/L 86
35) Methylcyclohexane	6.12	83	24501	0.700	ug/L # 20
37) 1,2-Dichloropropane	6.12	63	10391	0.506	ug/L # 85
48) 2-Hexanone	8.19	43	19791	2.750	ug/L # 76

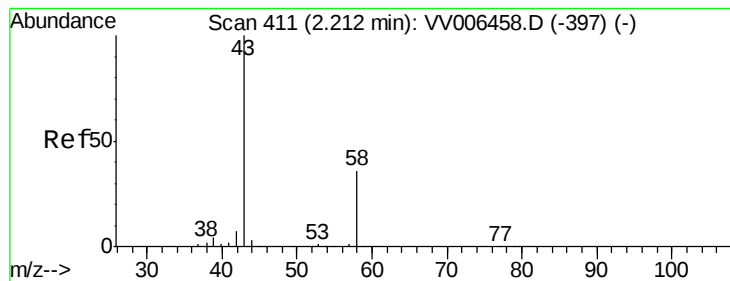
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.203 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006465.D

Acq: 26 Jun 2018 14:20

Instrument :

MSVOA_V

ClientSampleId :

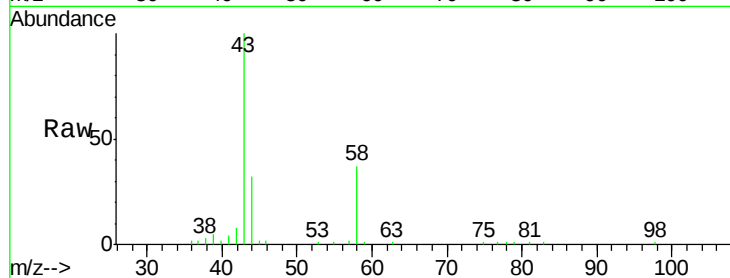
DAZA0

Tgt Ion: 43 Resp: 31219

Ion Ratio Lower Upper

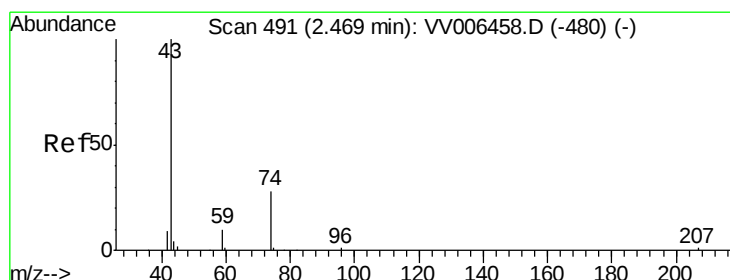
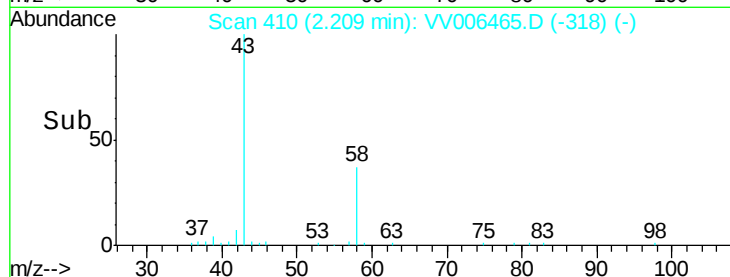
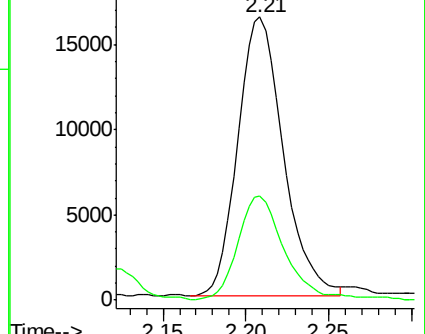
43 100

58 38.5 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 2.620 ug/L

RT: 2.37 min Scan# 461

Delta R.T. -0.10 min

Lab File: VV006465.D

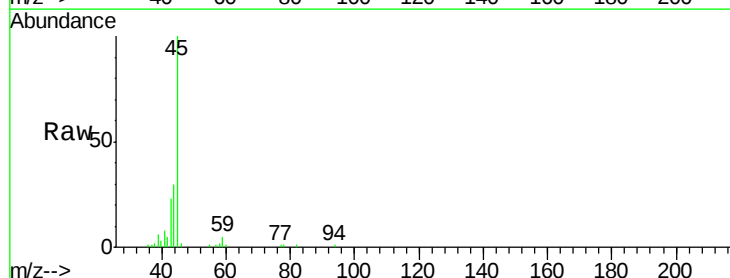
Acq: 26 Jun 2018 14:20

Tgt Ion: 43 Resp: 18238

Ion Ratio Lower Upper

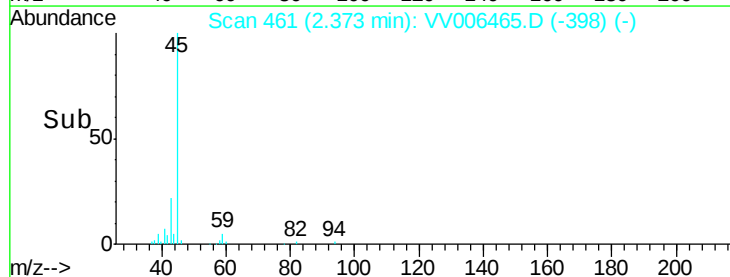
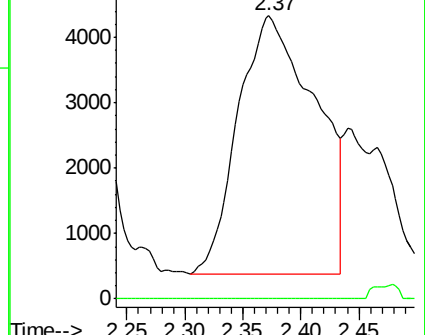
43 100

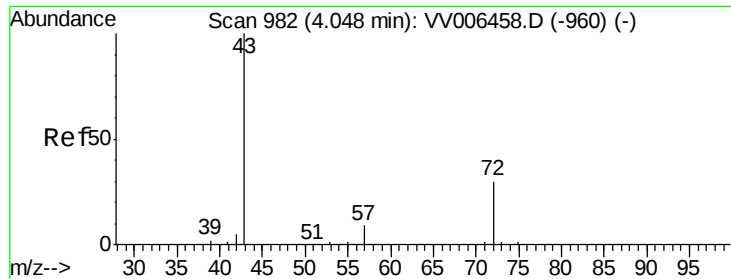
74 1.8 22.2 33.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#21

2-Butanone

Concen: 2.337 ug/L

RT: 4.04 min Scan# 981

Delta R.T. -0.00 min

Lab File: VV006465.D

Acq: 26 Jun 2018 14:20

Instrument :

MSVOA_V

ClientSampleId :

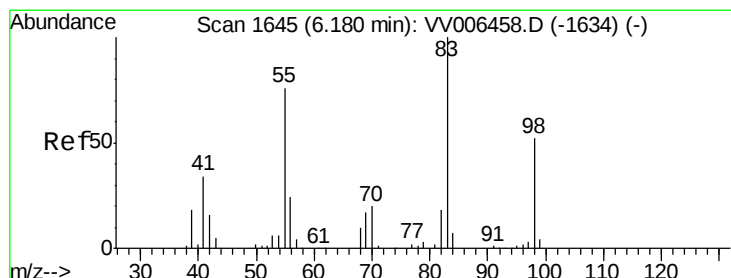
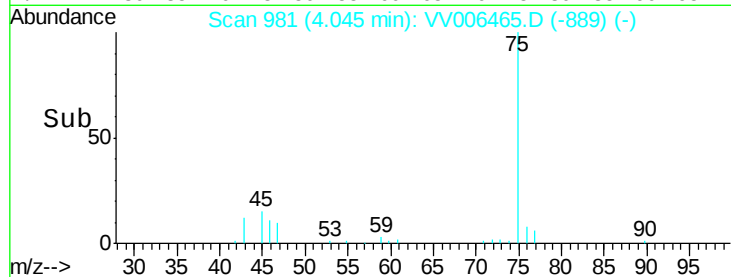
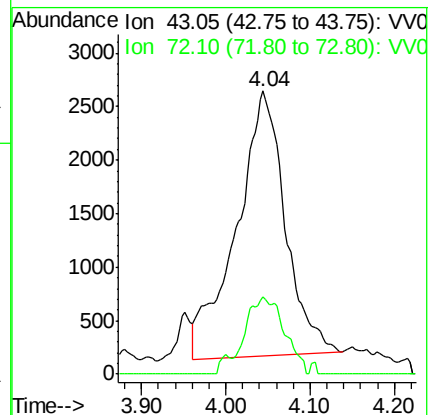
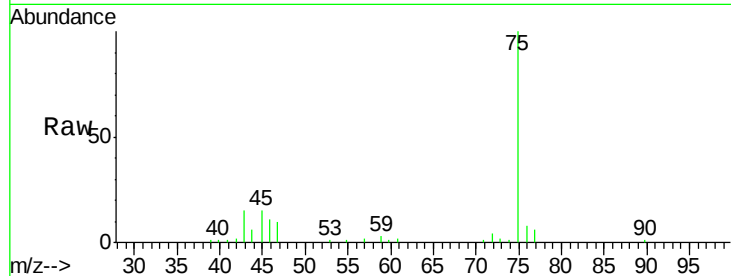
DAZA0

Tgt Ion: 43 Resp: 9985

Ion Ratio Lower Upper

43 100

72 22.9 15.4 46.1



#35

Methylcyclohexane

Concen: 0.700 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006465.D

Acq: 26 Jun 2018 14:20

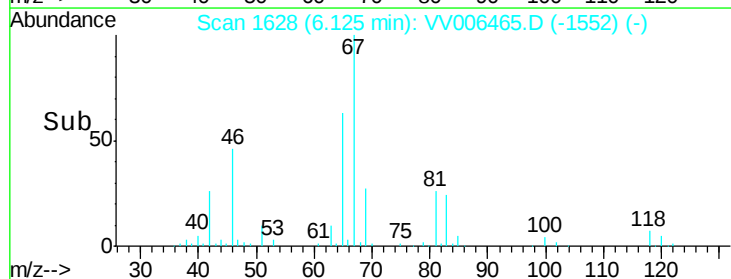
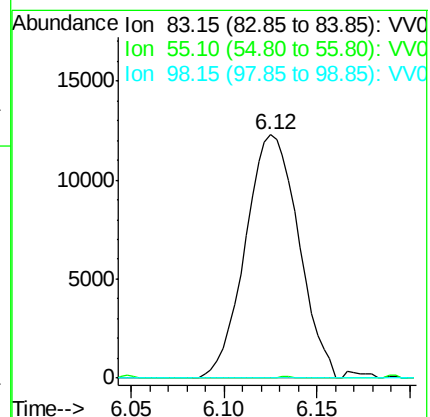
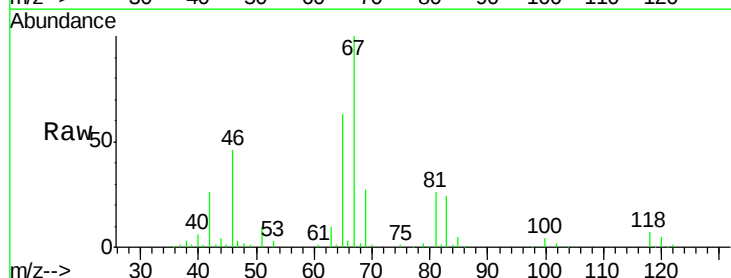
Tgt Ion: 83 Resp: 24501

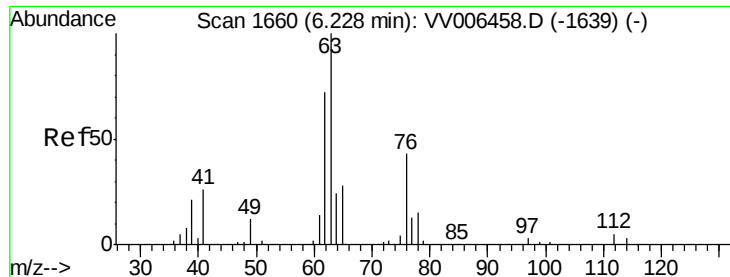
Ion Ratio Lower Upper

83 100

55 0.2 57.5 86.3#

98 0.0 39.6 59.4#

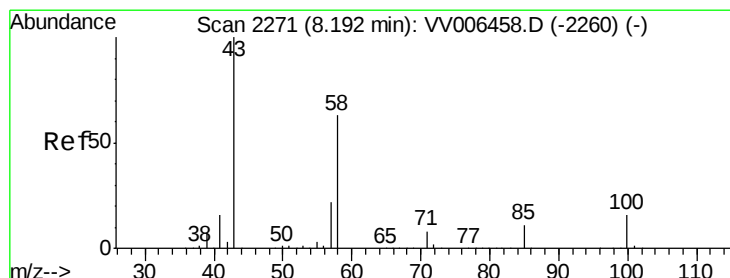
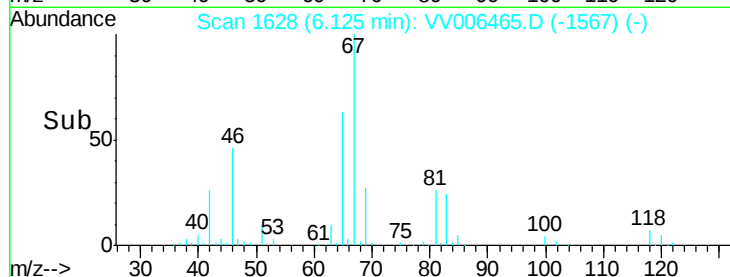
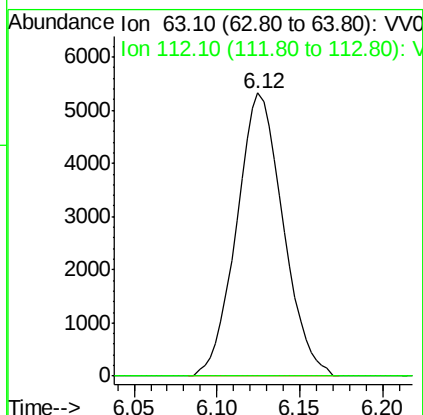
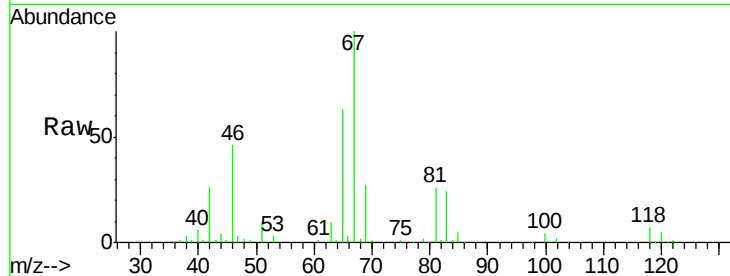




#37
 1,2-Dichloropropane
 Concen: 0.506 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006465.D
 Acq: 26 Jun 2018 14:20

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA0

Tgt Ion: 63 Resp: 10391
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#48
 2-Hexanone
 Concen: 2.750 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. -0.00 min
 Lab File: VV006465.D
 Acq: 26 Jun 2018 14:20

Tgt Ion: 43 Resp: 19791
 Ion Ratio Lower Upper
 43 100
 58 40.2 49.9 74.9#
 57 14.7 17.3 25.9#
 100 7.3 12.5 18.7#

