

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
 Data File : VV007024.D
 Acq On : 15 Aug 2018 20:59
 Operator : SY/MD
 Sample : J4487-08
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z4

Quant Time: Aug 16 02:49:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196696	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189412	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63732	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.58	69	52989	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	86474	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.97	46	167640	45.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.82%
24) Chloroform-d	4.41	84	118857	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	61793	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	225984	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	76781	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.37	98	168784	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.67	79	23892	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.15	63	74646	31.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	56146	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	59884	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

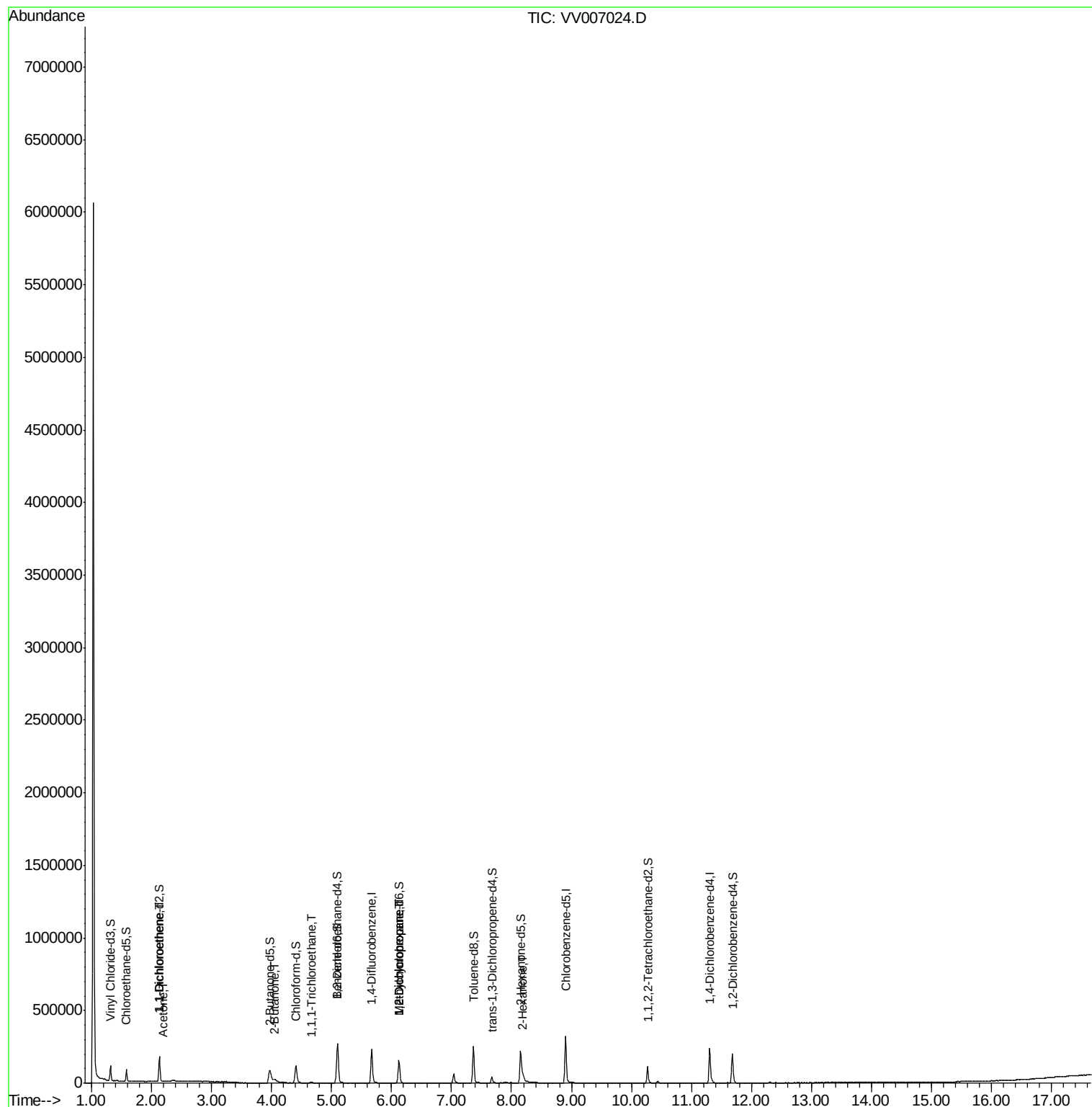
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	5749	0.407	ug/L #	1
13) Acetone	2.21	43	4100	2.181	ug/L	82
21) 2-Butanone	4.06	43	865	0.212	ug/L	82
29) 1,1,1-Trichloroethane	4.66	97	5330	0.211	ug/L #	87
35) Methylcyclohexane	6.12	83	17452	0.691	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7717	0.430	ug/L #	89
48) 2-Hexanone	8.20	43	18768	2.743	ug/L #	82

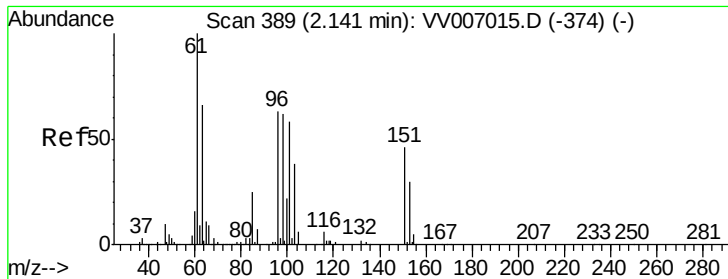
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.407 ug/L

RT: 2.14 min Scan# 390

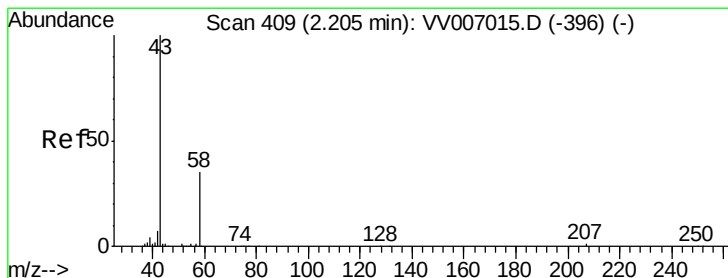
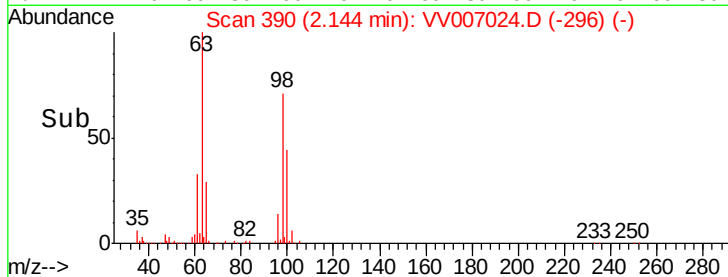
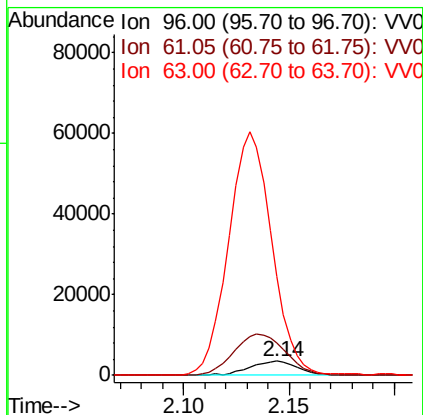
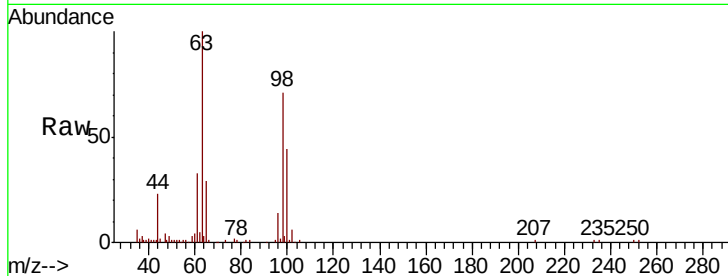
Delta R.T. 0.00 min

Lab File: VV007024.D

Acq: 15 Aug 2018 20:59

Instrument :
MSVOA_V
ClientSampled :
C02Z4

Tgt Ion:	96	Resp:	5749
Ion	Ratio	Lower	Upper
96	100		
61	230.7	111.6	207.4#
63	703.3	84.9	157.7#



#13

Acetone

Concen: 2.181 ug/L

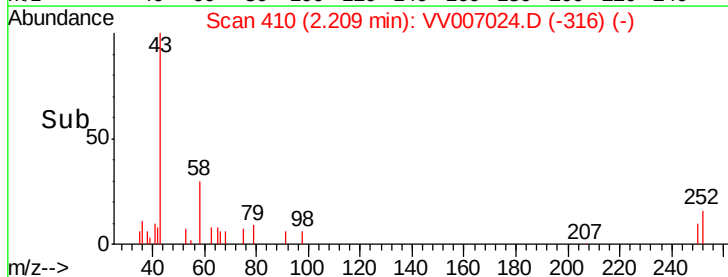
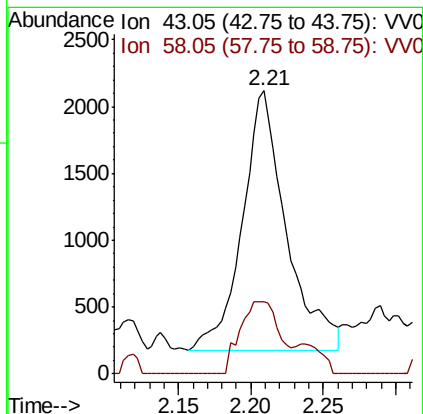
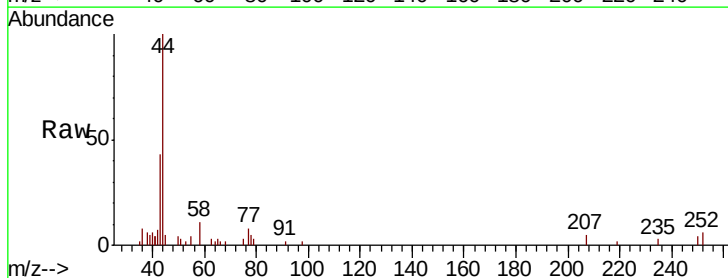
RT: 2.21 min Scan# 410

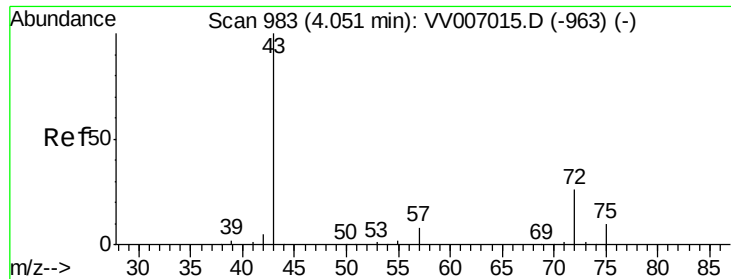
Delta R.T. 0.00 min

Lab File: VV007024.D

Acq: 15 Aug 2018 20:59

Tgt Ion:	43	Resp:	4100
Ion	Ratio	Lower	Upper
43	100		
58	24.9	0.0	71.4





#21

2-Butanone

Concen: 0.212 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.01 min

Lab File: VV007024.D

Acq: 15 Aug 2018 20:59

Instrument :

MSVOA_V

ClientSampleId :

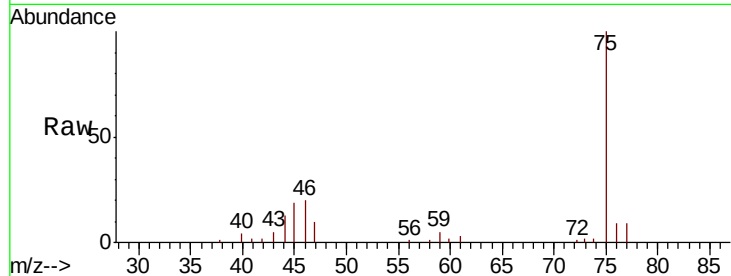
C02Z4

Tgt Ion: 43 Resp: 865

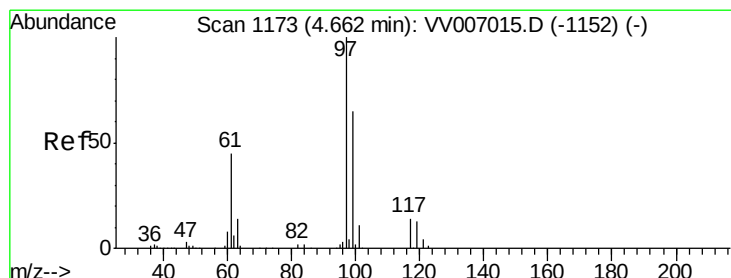
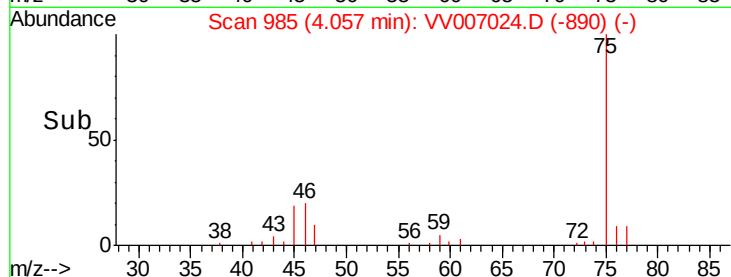
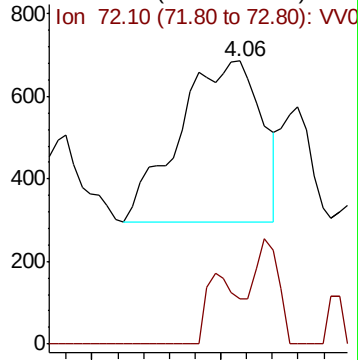
Ion Ratio Lower Upper

43 100

72 15.6 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV007015.D (-963) (-)



#29

1,1,1-Trichloroethane

Concen: 0.211 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VV007024.D

Acq: 15 Aug 2018 20:59

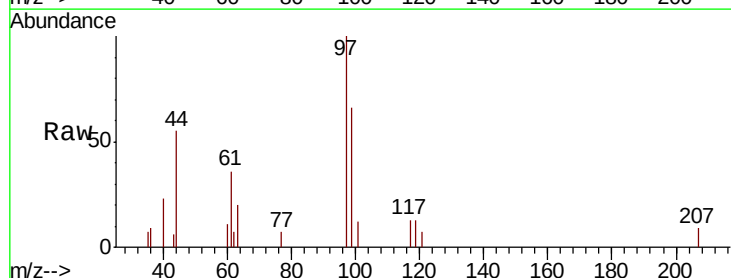
Tgt Ion: 97 Resp: 5330

Ion Ratio Lower Upper

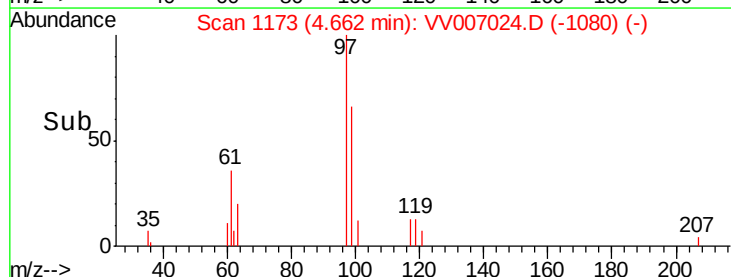
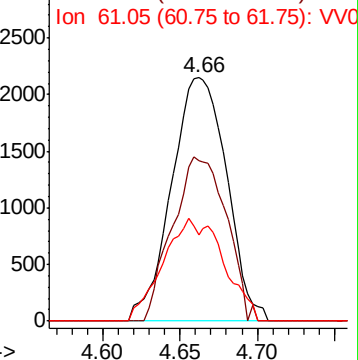
97 100

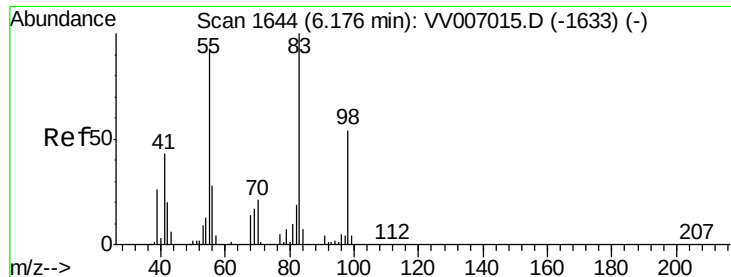
99 65.9 51.0 76.6

61 27.0 36.6 54.8#



Abundance Ion 96.95 (96.65 to 97.65): VV007015.D (-1152) (-)

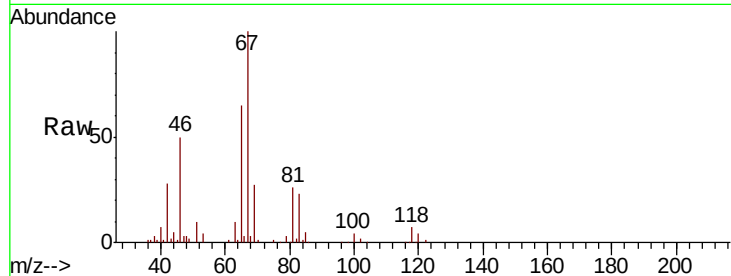




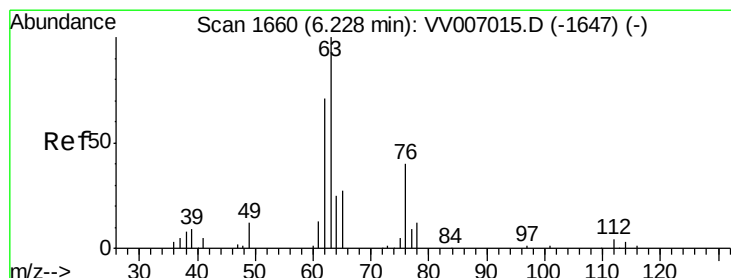
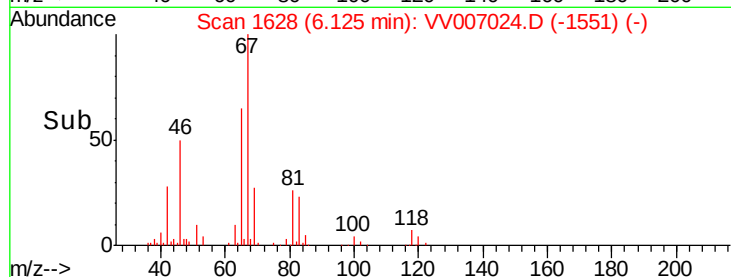
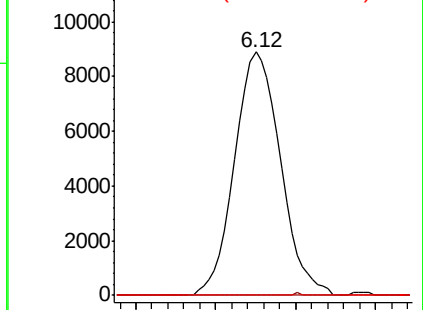
#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007024.D
Acq: 15 Aug 2018 20:59

Instrument :
MSVOA_V
ClientSampleId :
C02Z4

Tgt Ion: 83 Resp: 17452
Ion Ratio Lower Upper
83 100
55 0.1 68.1 102.1#
98 0.0 37.9 56.9#

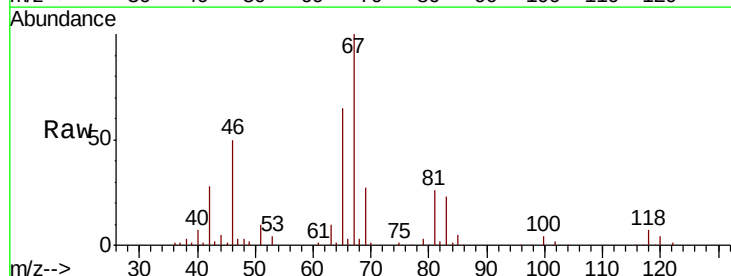


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

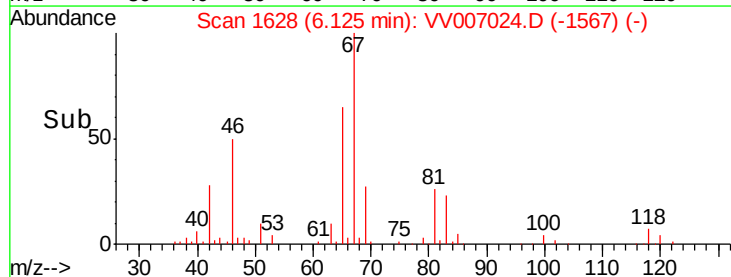
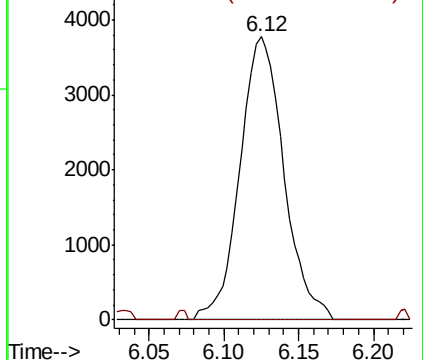


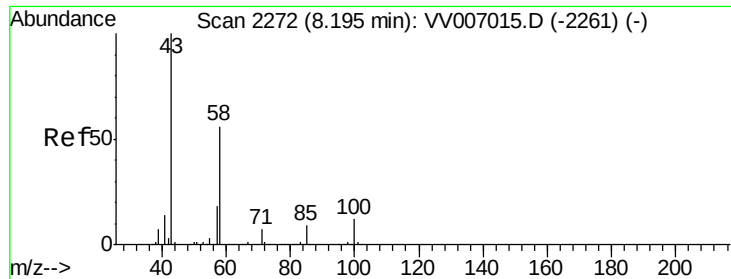
#37
1,2-Dichloropropane
Concen: 0.430 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007024.D
Acq: 15 Aug 2018 20:59

Tgt Ion: 63 Resp: 7717
Ion Ratio Lower Upper
63 100
112 0.6 3.5 5.3#



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





#48
 2-Hexanone
 Concen: 2.743 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007024.D
 Acq: 15 Aug 2018 20:59

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z4

Tgt Ion: 43 Resp: 18768
 Ion Ratio Lower Upper
 43 100
 58 41.7 44.2 66.2#
 57 8.3 14.8 22.2#
 100 8.5 8.8 13.2#

