

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062618\
 Data File : VV006474.D
 Acq On : 26 Jun 2018 18:22
 Operator : SY/MD
 Sample : J3673-12DL2 5000X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA7DL2

Quant Time: Jun 27 02:24:36 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	303731	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271431	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115709	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85763	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	1.58	69	69049	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	115100	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.96	46	198181	52.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	4.41	84	156191	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	79468	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.11	84	344992	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	104274	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.37	98	304239	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.67	79	29586	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	144100	46.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57146	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	106723	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

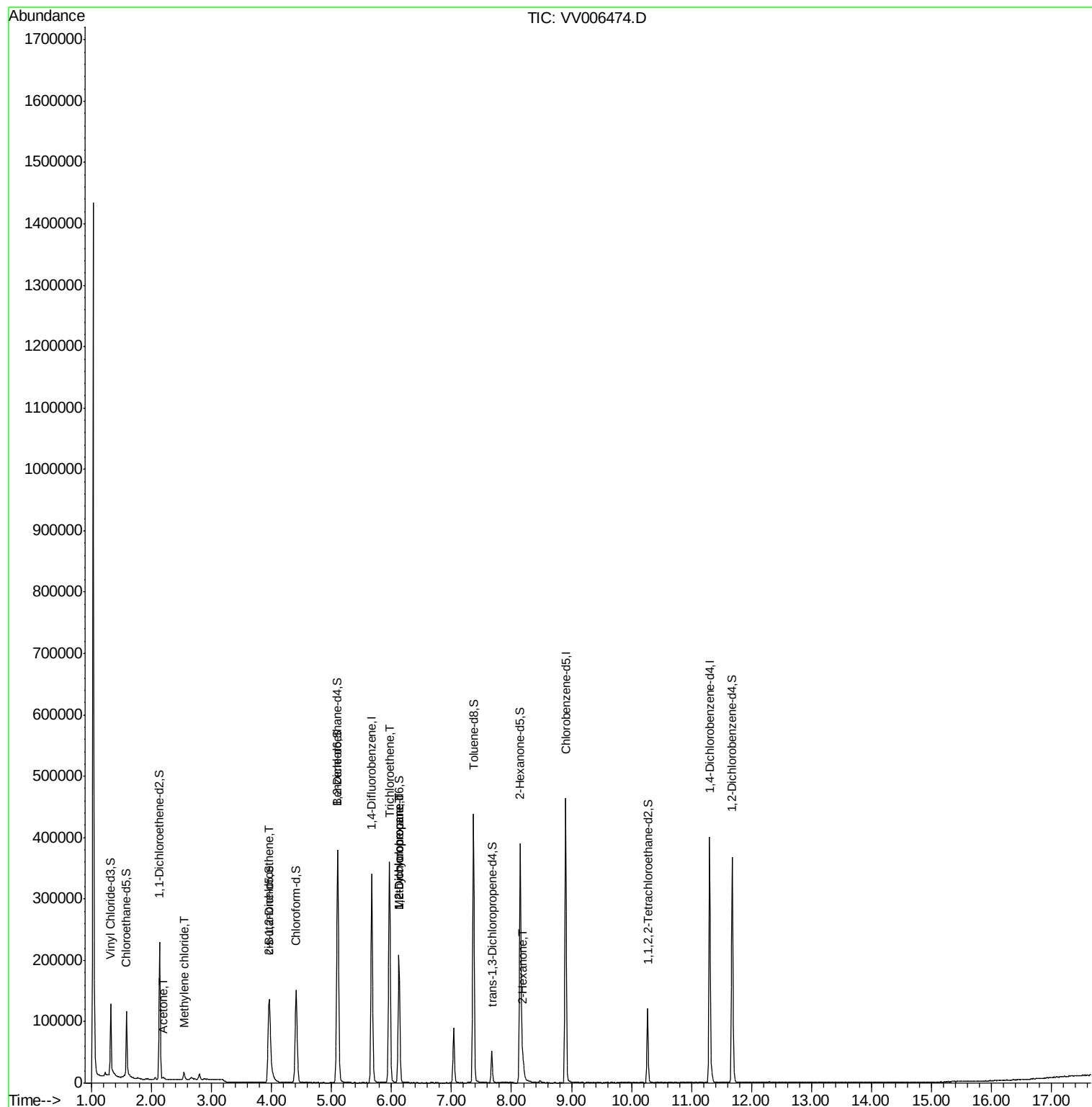
					Qvalue
13) Acetone	2.21	43	1043	0.455 ug/L	63
16) Methylene chloride	2.54	84	4827	0.224 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	17620	0.797 ug/L	99
34) Trichloroethene	5.97	95	123254	5.375 ug/L	98
35) Methylcyclohexane	6.12	83	25231	0.757 ug/L #	19
37) 1,2-Dichloropropane	6.13	63	10460	0.534 ug/L #	85
48) 2-Hexanone	8.19	43	20478	2.986 ug/L #	78

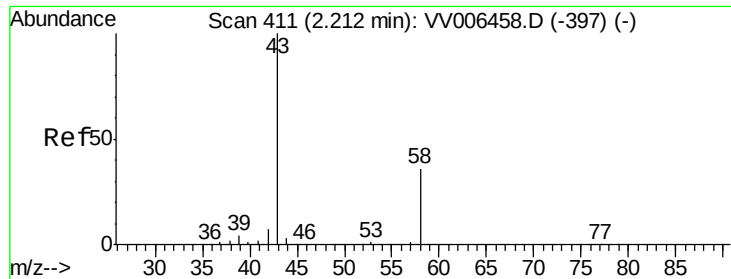
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.455 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

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Acq: 26 Jun 2018 18:22

Instrument :

MSVOA_V

ClientSampleId :

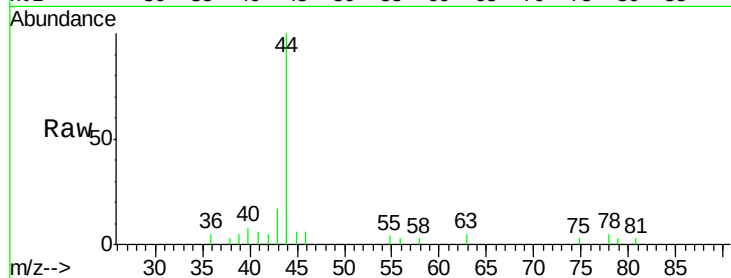
DAZA7DL2

Tgt Ion: 43 Resp: 1043

Ion Ratio Lower Upper

43 100

58 16.4 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.21

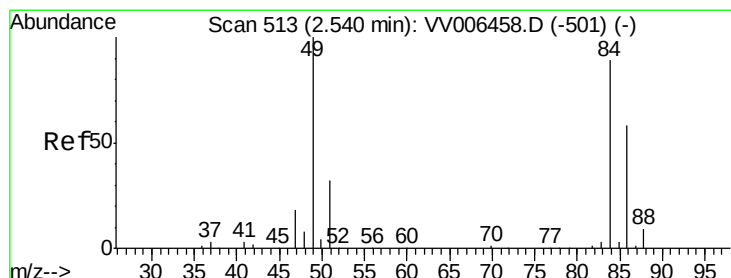
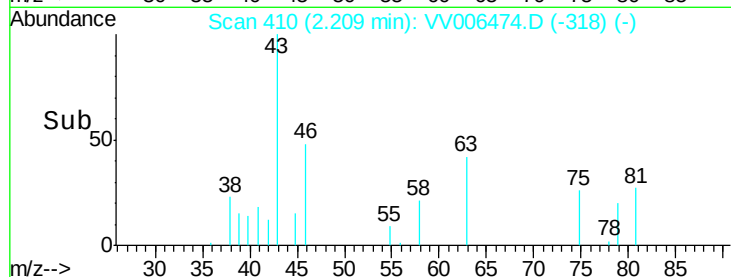
600

400

200

0

Time--> 2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.224 ug/L

RT: 2.54 min Scan# 514

Delta R.T. 0.00 min

Lab File: VV006474.D

Acq: 26 Jun 2018 18:22

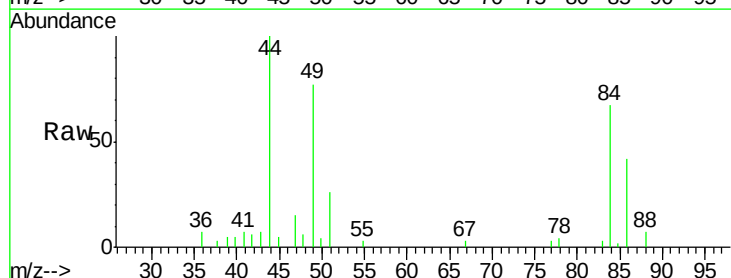
Tgt Ion: 84 Resp: 4827

Ion Ratio Lower Upper

84 100

86 63.0 44.2 82.2

49 115.1 79.0 146.8



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

4000

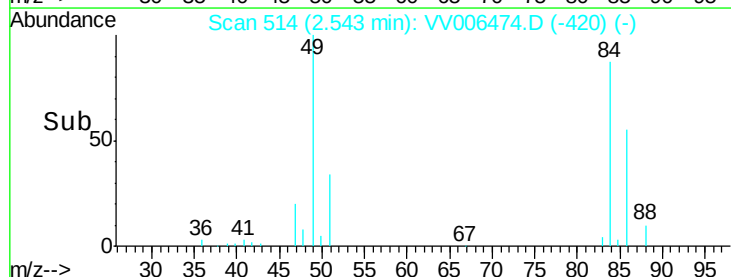
3000

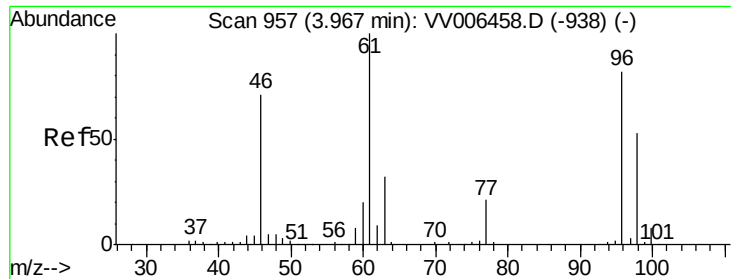
2000

1000

0

Time--> 2.50 2.55 2.60





#22

cis-1,2-Dichloroethene

Concen: 0.797 ug/L

RT: 3.97 min Scan# 959

Delta R.T. 0.01 min

Lab File: VV006474.D

Acq: 26 Jun 2018 18:22

Instrument :

MSVOA_V

ClientSampleId :

DAZA7DL2

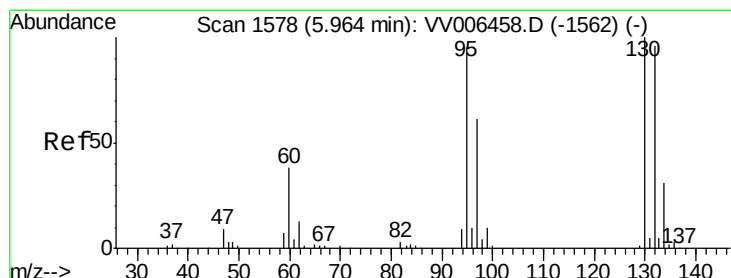
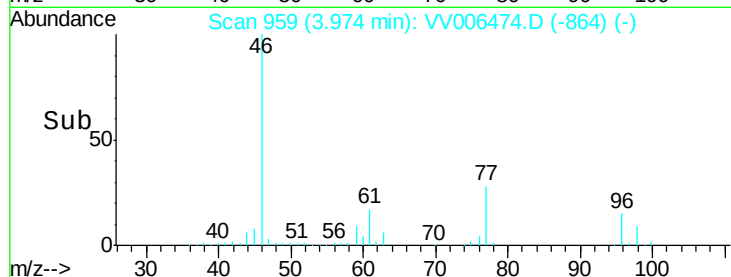
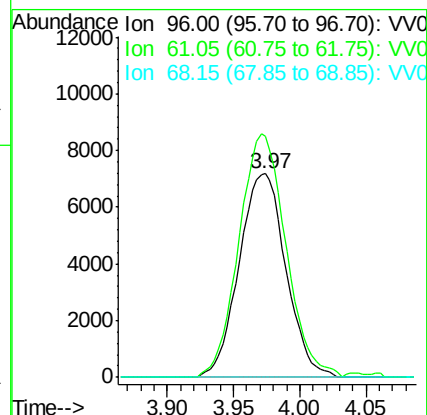
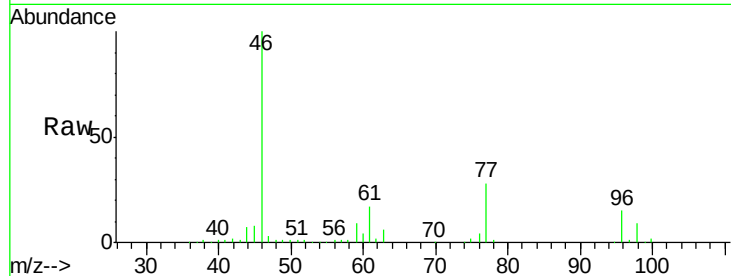
Tgt Ion: 96 Resp: 17620

Ion Ratio Lower Upper

96 100

61 118.2 81.8 151.8

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 5.375 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV006474.D

Acq: 26 Jun 2018 18:22

Tgt Ion: 95 Resp: 123254

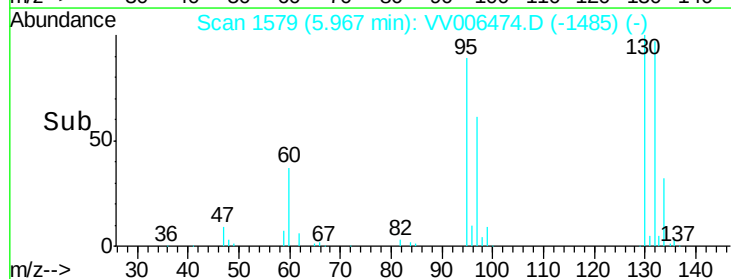
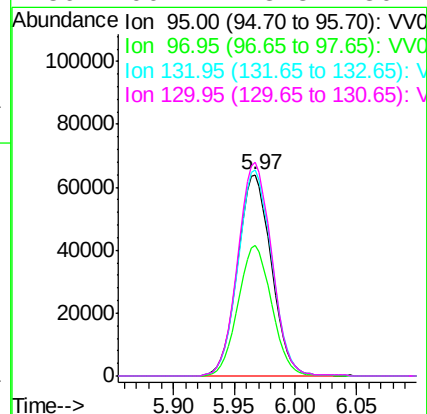
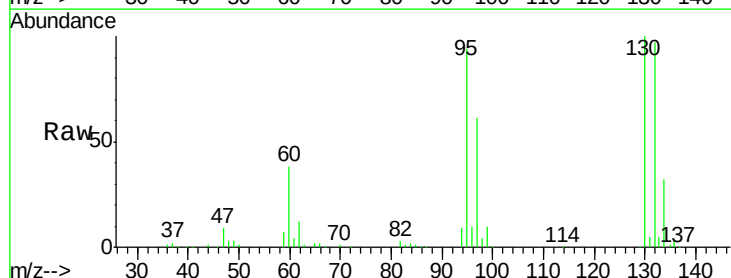
Ion Ratio Lower Upper

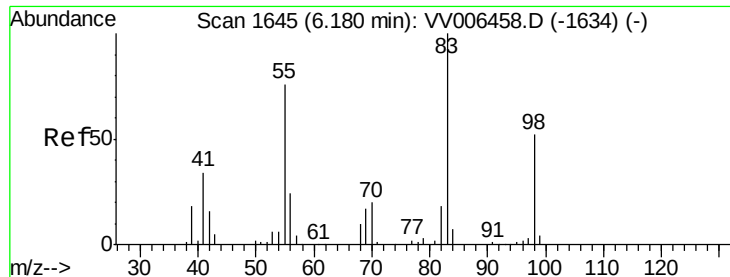
95 100

97 64.7 44.6 82.8

132 102.6 70.1 130.1

130 106.1 73.3 136.1

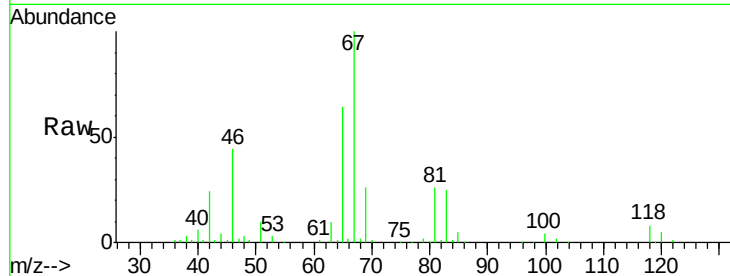




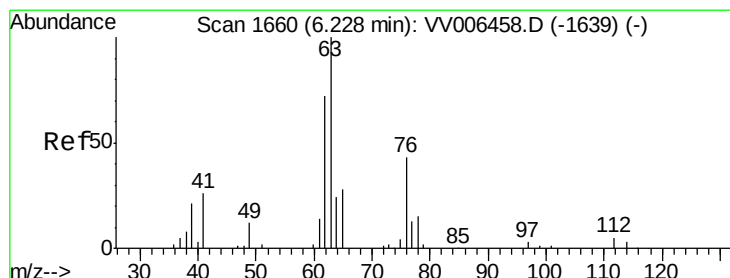
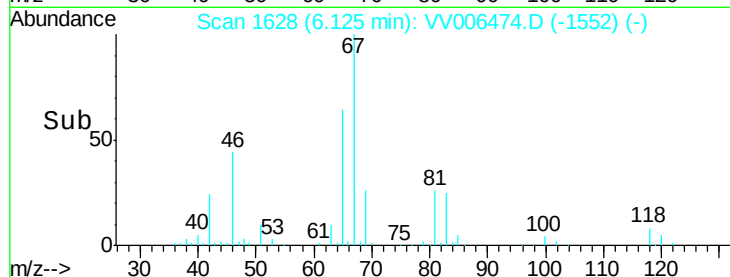
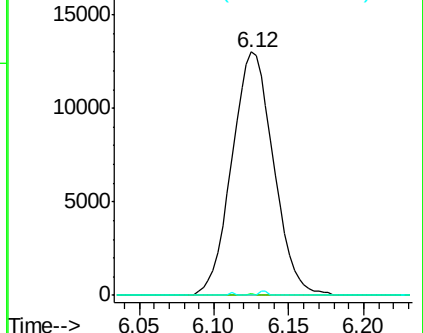
#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006474.D
Acq: 26 Jun 2018 18:22

Instrument :
MSVOA_V
ClientSampleId :
DAZA7DL2

Tgt Ion: 83 Resp: 25231
Ion Ratio Lower Upper
83 100
55 0.1 57.5 86.3#
98 0.0 39.6 59.4#

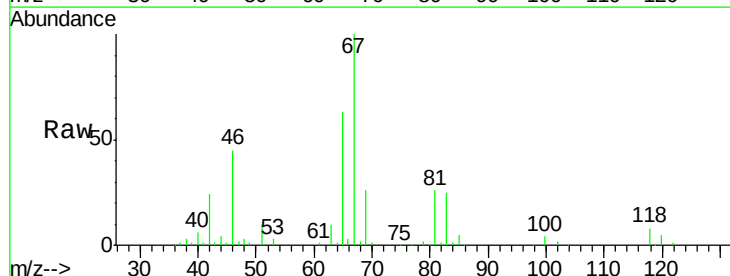


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

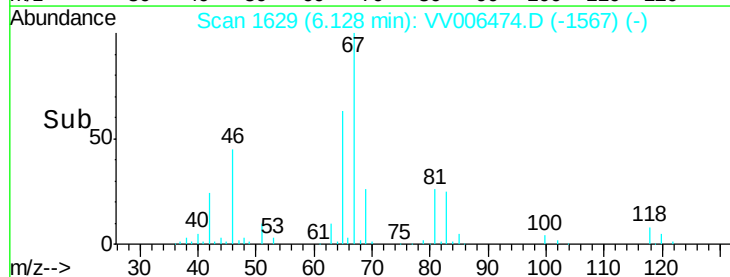
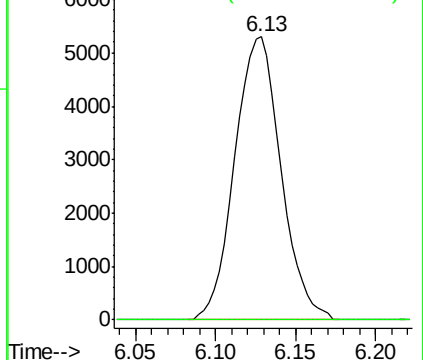


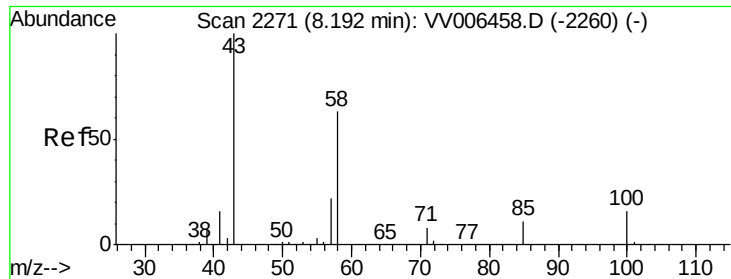
#37
1,2-Dichloropropane
Concen: 0.534 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV006474.D
Acq: 26 Jun 2018 18:22

Tgt Ion: 63 Resp: 10460
Ion Ratio Lower Upper
63 100
112 0.0 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: 2.986 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV006474.D

Acq: 26 Jun 2018 18:22

Instrument :
MSVOA_V
ClientSampleId :
DAZA7DL2

Tgt Ion: 43 Resp: 20478

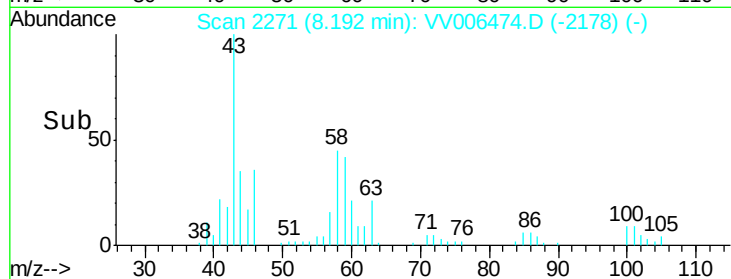
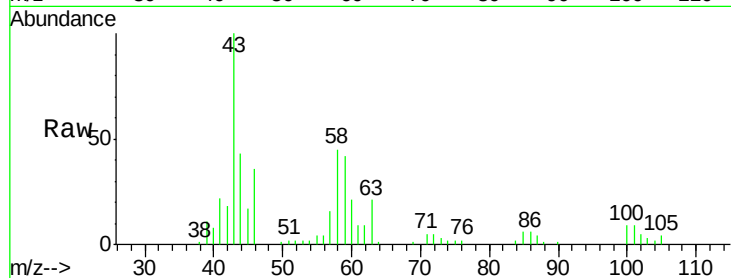
Ion Ratio Lower Upper

43 100

58 41.0 49.9 74.9#

57 16.9 17.3 25.9#

100 8.9 12.5 18.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

