

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092718\
 Data File : VV007926.D
 Acq On : 27 Sep 2018 23:56
 Operator : SY/MD
 Sample : J5063-13
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 03:48:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 03:46:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82365	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	76369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36470	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22014	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.59	69	21221	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.14	63	37060	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.96	46	69047	51.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.98%
24) Chloroform-d	4.41	84	52823	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.09	65	30049	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.10	84	102632	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	6.13	67	31914	5.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.40%
41) Toluene-d8	7.36	98	93975	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloropropene-	7.67	79	10738	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.14	63	49381	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24165	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39070	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

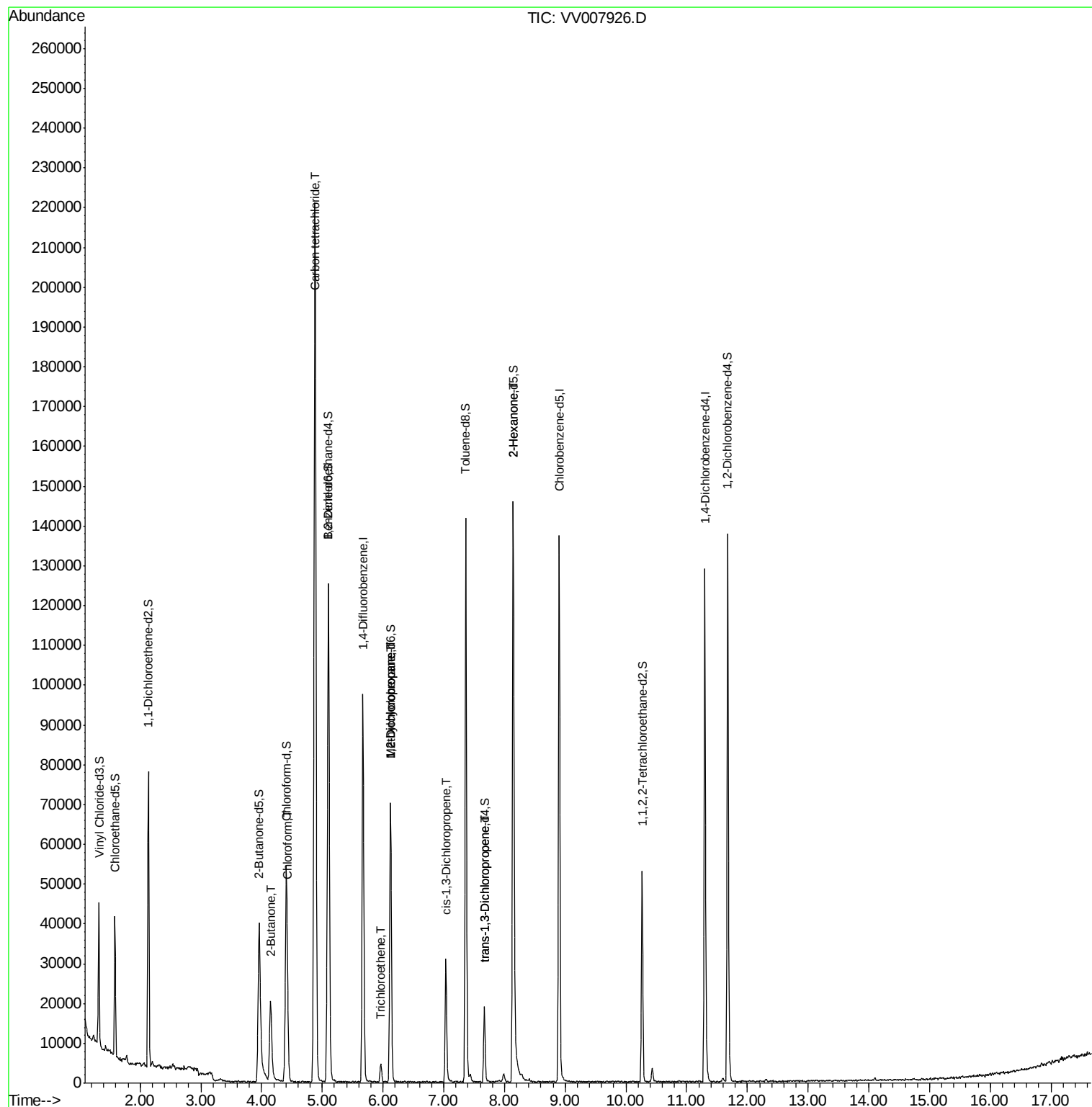
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
21) 2-Butanone	4.15	43	31276	20.287	ug/L #	50
25) Chloroform	4.43	83	4612	0.416	ug/L	97
31) Carbon tetrachloride	4.88	117	160130	19.780	ug/L	100
34) Trichloroethene	5.96	95	1634	0.261	ug/L	83
35) Methylcyclohexane	6.13	83	7707	0.821	ug/L #	18
37) 1,2-Dichloropropane	6.13	63	3549	0.635	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	757	0.101	ug/L #	57
44) trans-1,3-Dichloropropene	7.67	75	556	0.090	ug/L #	63
48) 2-Hexanone	8.14	43	6989	2.866	ug/L #	80

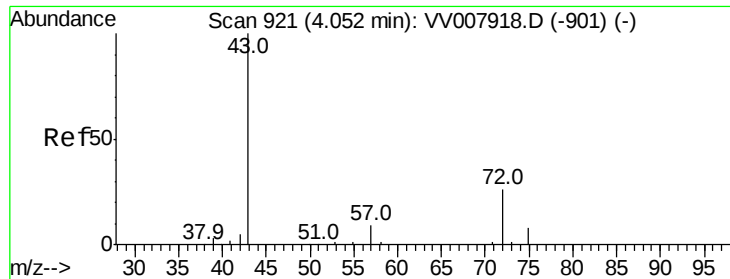
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 28 03:46:50 2018
Response via : Initial Calibration





#21

2-Butanone

Concen: 20.287 ug/L

RT: 4.15 min Scan# 951

Delta R.T. 0.10 min

Lab File: VV007926.D

Acq: 27 Sep 2018 23:56

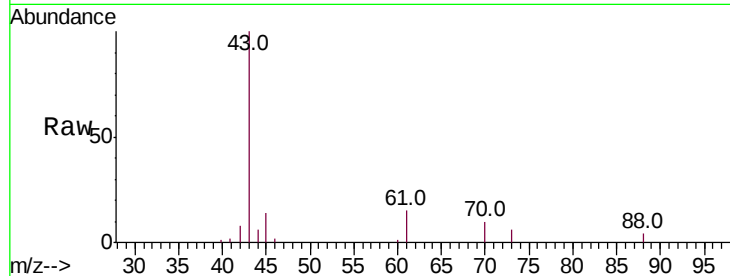
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 31276

Ion Ratio Lower Upper

43 100

72 0.0 12.5 37.5#



Abundance Ion 43.05 (42.75 to 43.75): VV007918.D (-901) (-)

Ion 72.10 (71.80 to 72.80): VV007918.D (-901) (-)

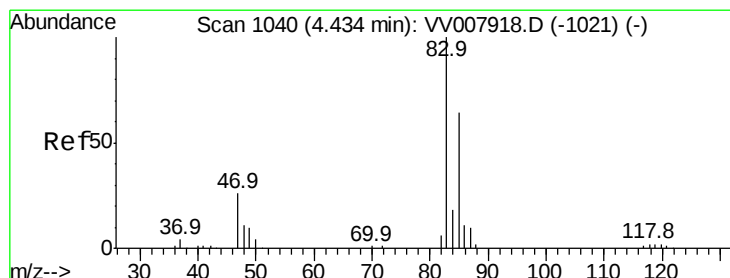
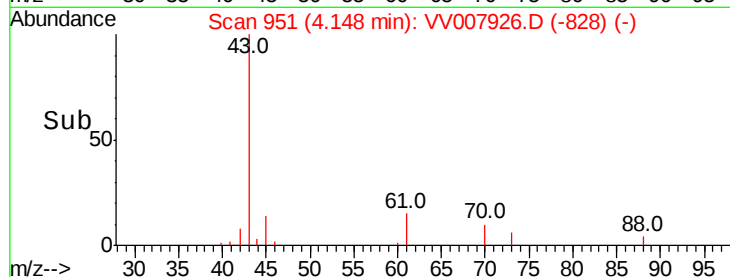
4.15

10000

5000

0

Time-->



#25

Chloroform

Concen: 0.416 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV007926.D

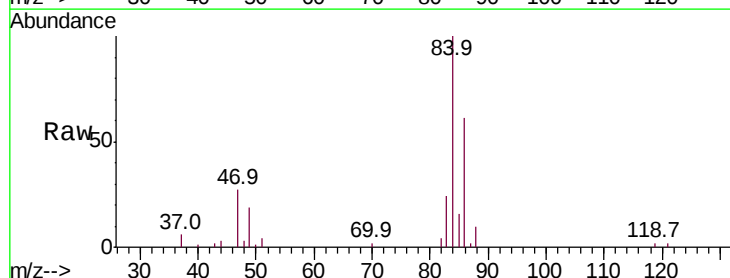
Acq: 27 Sep 2018 23:56

Tgt Ion: 83 Resp: 4612

Ion Ratio Lower Upper

83 100

85 66.2 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007918.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007918.D (-1021) (-)

4.43

2000

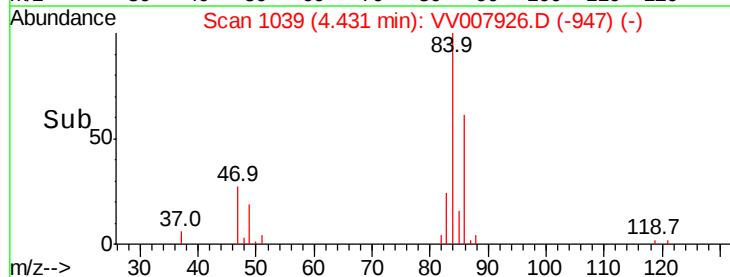
1500

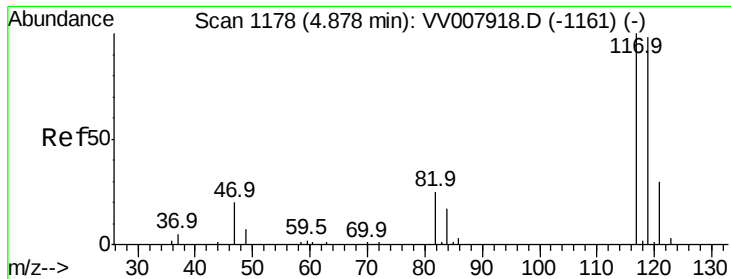
1000

500

0

Time-->

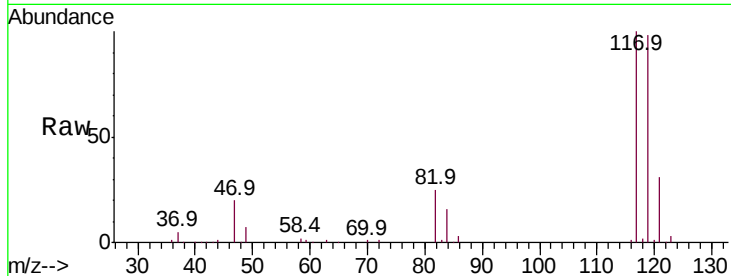




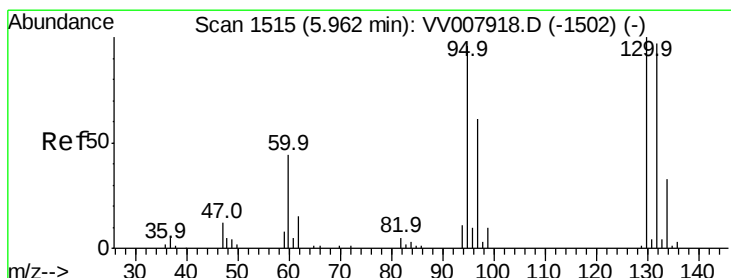
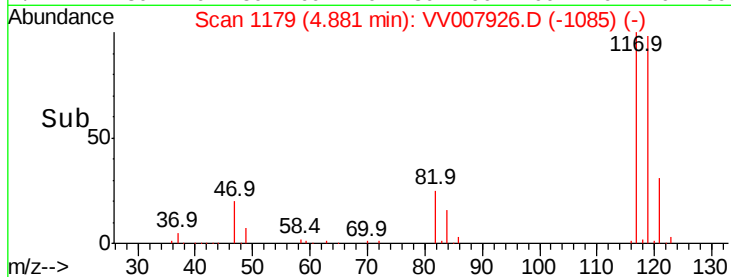
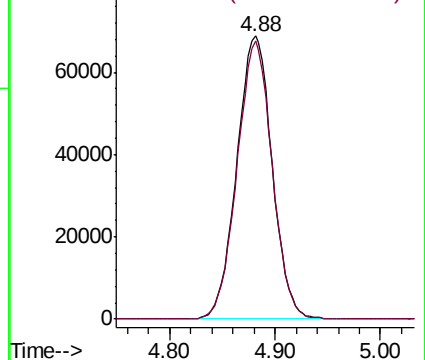
#31
Carbon tetrachloride
Concen: 19.780 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV007926.D
Acq: 27 Sep 2018 23:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 160130
Ion Ratio Lower Upper
117 100
119 97.5 77.8 116.8

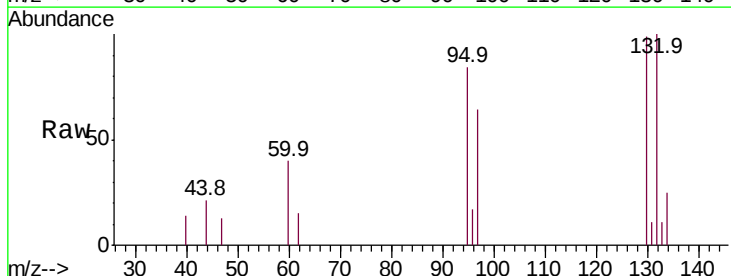


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

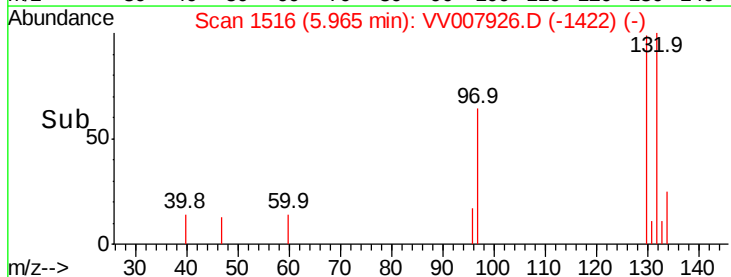
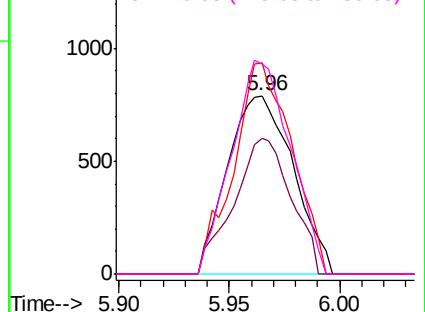


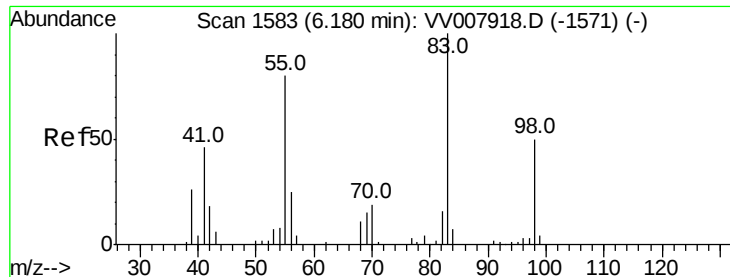
#34
Trichloroethene
Concen: 0.261 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV007926.D
Acq: 27 Sep 2018 23:56

Tgt Ion: 95 Resp: 1634
Ion Ratio Lower Upper
95 100
97 76.3 43.6 81.0
132 118.5 69.9 129.9
130 117.8 71.7 133.3



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

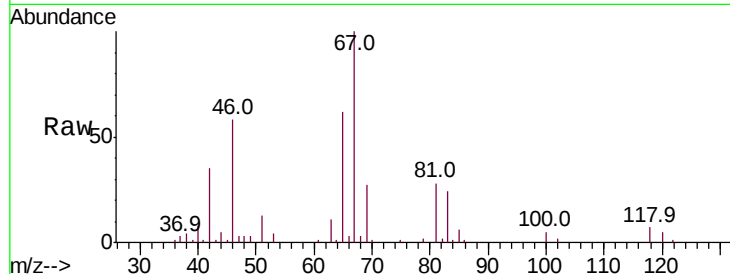




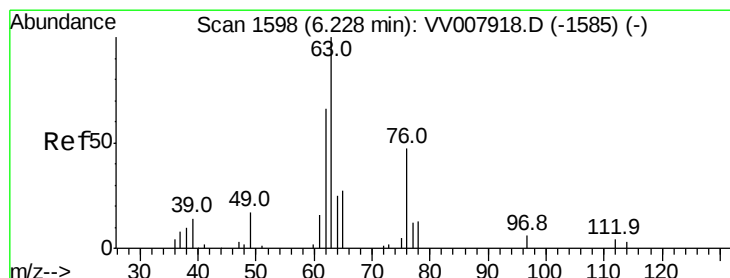
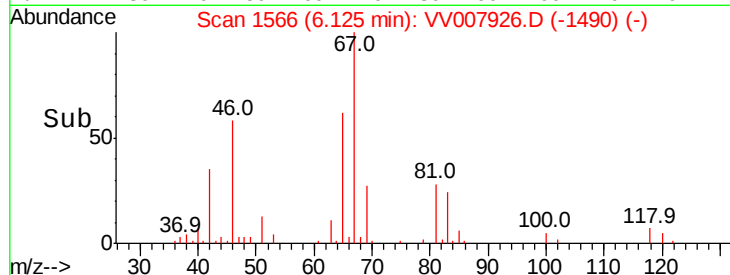
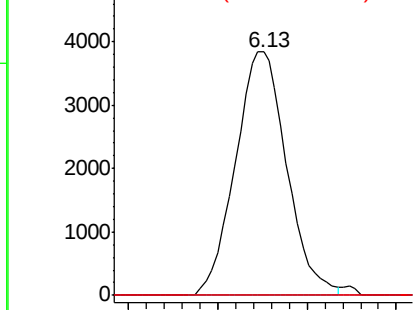
#35
Methvlcvclohexane
Concen: 0.821 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV007926.D
Acq: 27 Sep 2018 23:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7707
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 1.2 38.0 57.0#

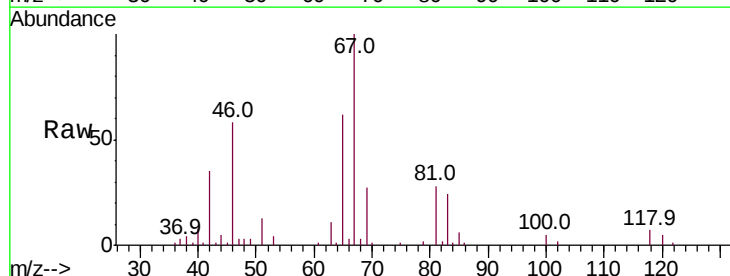


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

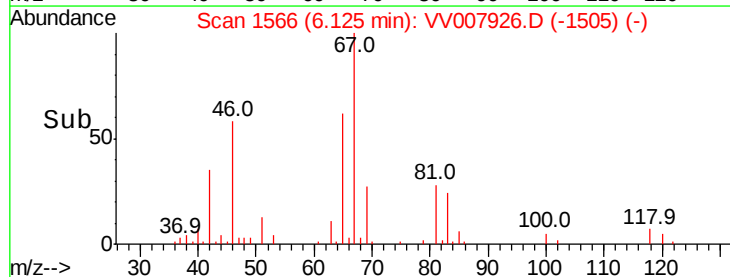
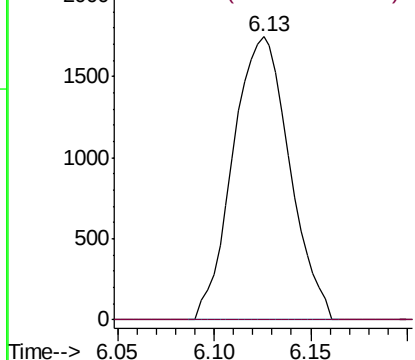


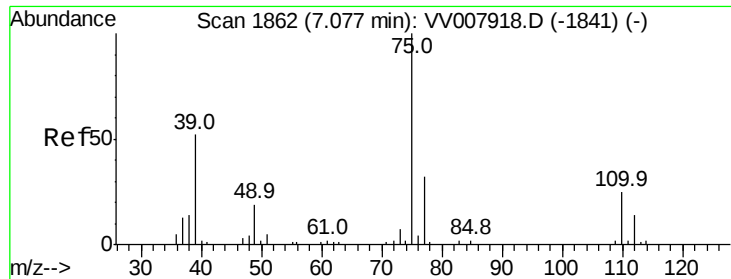
#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV007926.D
Acq: 27 Sep 2018 23:56

Tgt Ion: 63 Resp: 3549
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



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

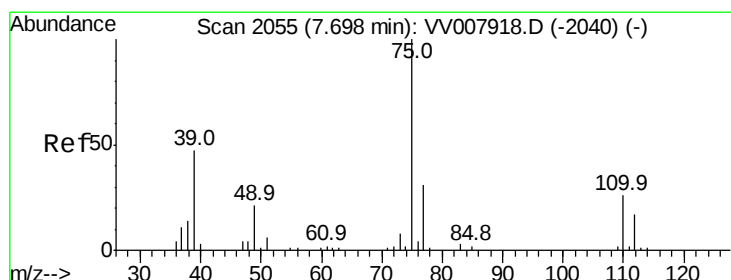
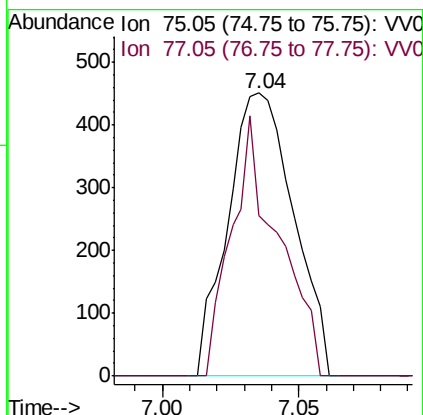
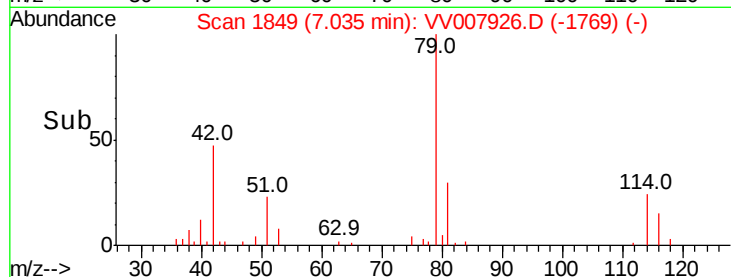
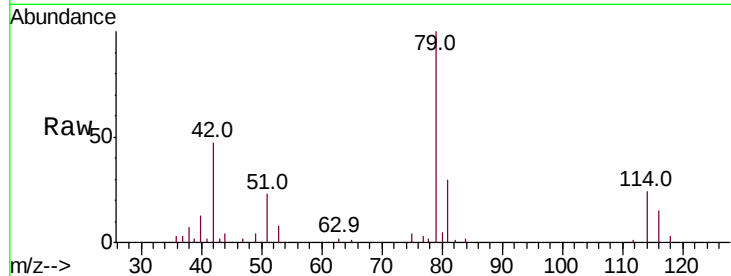




#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007926.D
 Acq: 27 Sep 2018 23:56

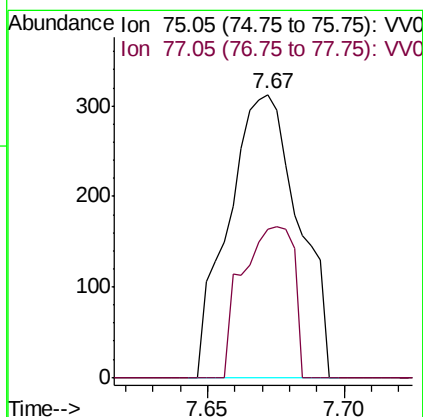
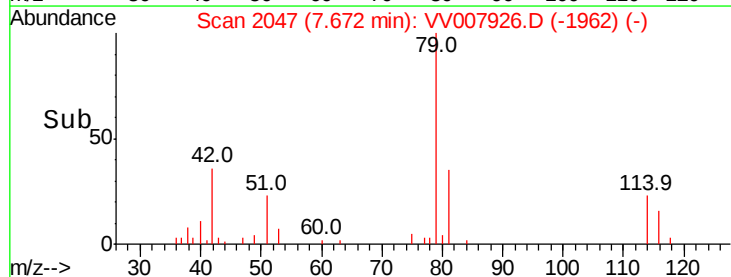
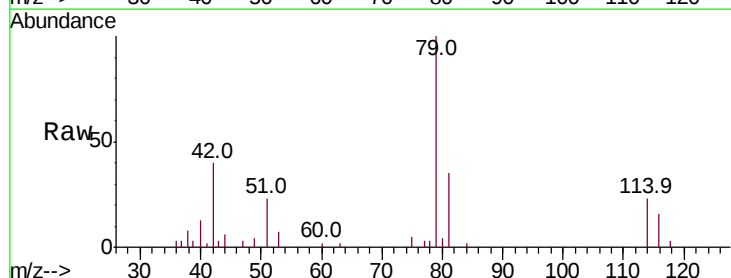
Instrument :
 MSVOA_V
 ClientSampled :

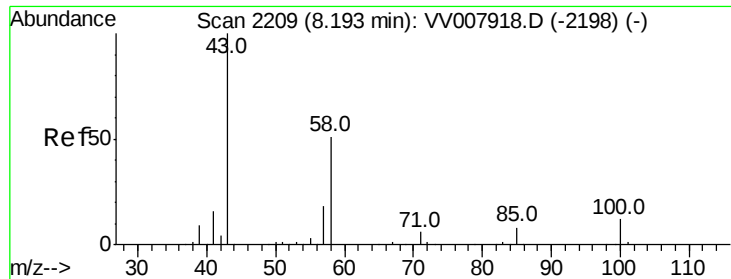
Tot Ion: 75 Resp: 757
 Ion Ratio Lower Upper
 75 100
 77 56.8 22.9 42.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: VV007926.D
 Acq: 27 Sep 2018 23:56

Tgt Ion: 75 Resp: 556
 Ion Ratio Lower Upper
 75 100
 77 52.4 22.3 41.5#





#48

2-Hexanone

Concen: 2.866 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV007926.D

Acq: 27 Sep 2018 23:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6989

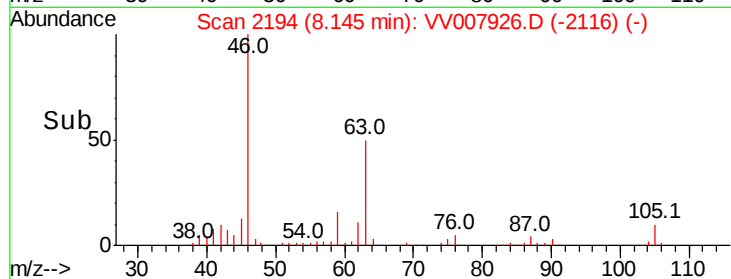
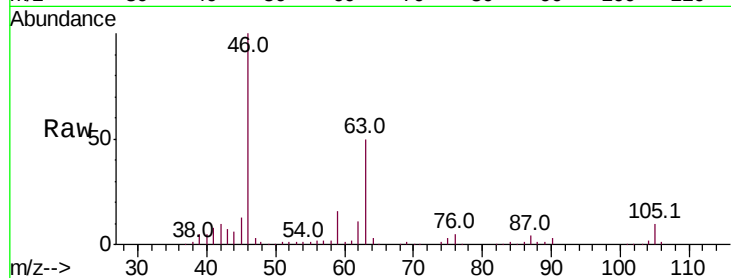
Ion Ratio Lower Upper

43 100

58 43.2 41.9 62.9

57 32.6 14.3 21.5#

100 0.0 9.2 13.8#



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

