

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061920\
 Data File : VV016999.D
 Acq On : 19 Jun 2020 14:40
 Operator : SY/MD
 Sample : L3074-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9M24

Quant Time: Jun 20 02:06:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 20 02:04:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	316831	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	294424	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140151	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111346	49.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.62%
7) Chloroethane-d5	1.58	69	71589	53.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.74%
11) 1,1-Dichloroethene-d2	2.12	63	161583	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
21) 2-Butanone-d5	3.91	46	161836	97.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.81%
24) Chloroform-d	4.38	84	232597	51.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.34%
26) 1,2-Dichloroethane-d4	5.06	65	167741	54.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.50%
32) Benzene-d6	5.08	84	462151	54.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.90%
36) 1,2-Dichloropropane-d6	6.09	67	139855	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.72%
41) Toluene-d8	7.34	98	419932	53.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.84%
43) trans-1,3-Dichloropropene-	7.64	79	69324	50.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.62%
47) 2-Hexanone-d5	8.11	63	85092	73.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	149134	42.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	166629	55.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.42%

Target Compounds

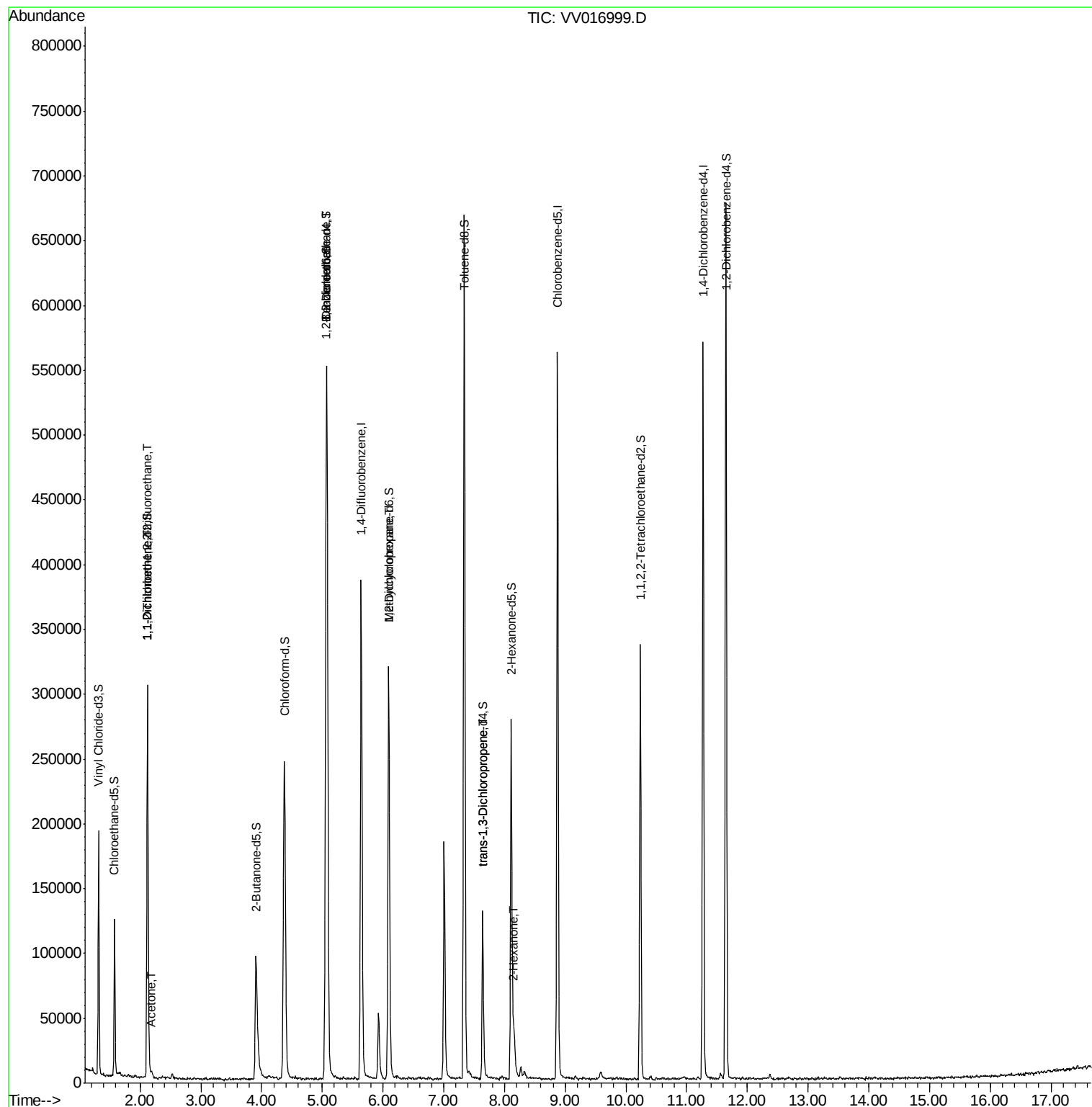
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1578	0.937 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	1521	0.967 ug/L #	1
13) Acetone	2.20	43	4727	4.336 ug/L	85
27) 1,2-Dichloroethane	5.07	62	3438	0.989 ug/L	97
35) Methylcyclohexane	6.09	83	36070	9.841 ug/L #	18
44) trans-1,3-Dichloropropene	7.64	75	3324	0.972 ug/L	89
48) 2-Hexanone	8.16	43	17766	7.138 ug/L #	85

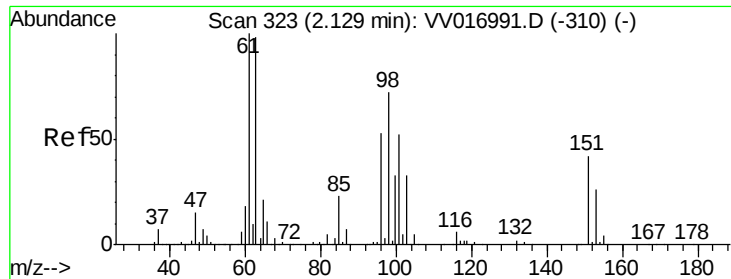
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.937 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016999.D

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Instrument :

MSVOA_V

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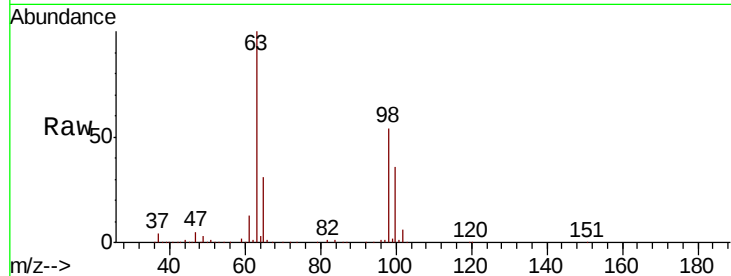
Tot Ion:101 Resp: 1578

Ion Ratio Lower Upper

101 100

85 2.8 35.5 53.3#

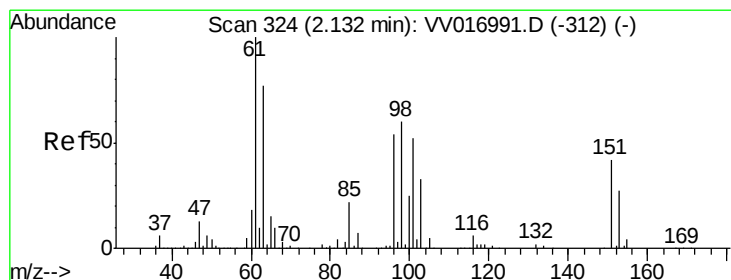
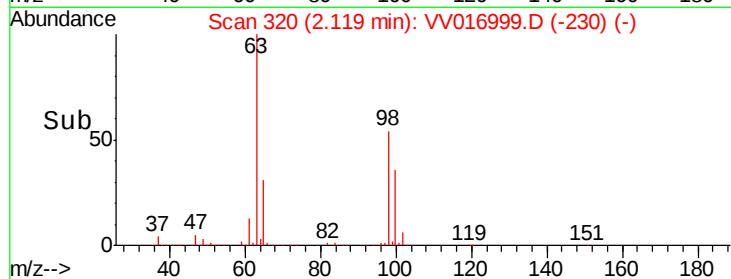
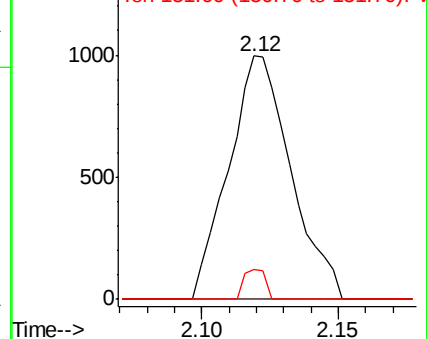
151 4.2 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.967 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016999.D

Acq: 19 Jun 2020 14:40

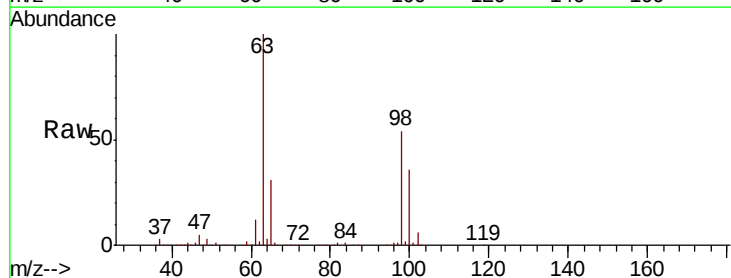
Tgt Ion: 96 Resp: 1521

Ion Ratio Lower Upper

96 100

61 1286.1 130.4 242.2#

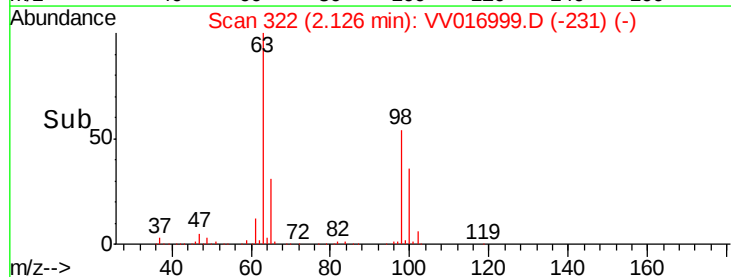
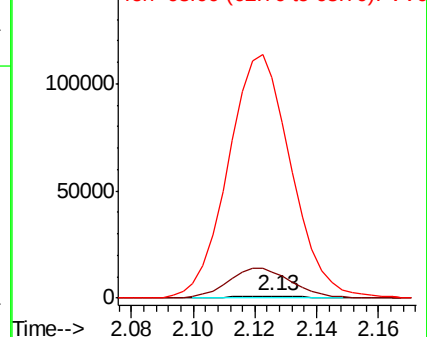
63 10666.4 103.3 191.9#

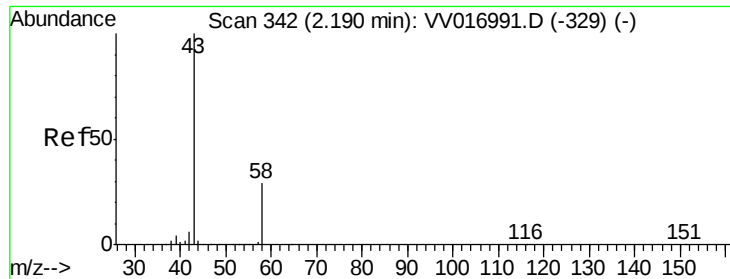


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 4.336 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.01 min

Lab File: VV016999.D

Acq: 19 Jun 2020 14:40

Instrument :

MSVOA_V

ClientSampled :

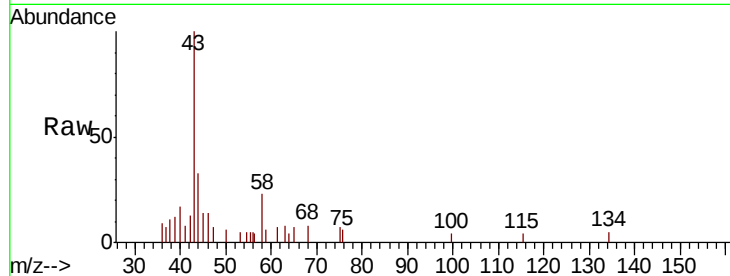
F9M24

Tot Ion: 43 Resp: 4727

Ion Ratio Lower Upper

43 100

58 19.8 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016999.D (-249) (-)

Ion 58.00 (57.70 to 58.70): VV016999.D (-249) (-)

2500

2000

1500

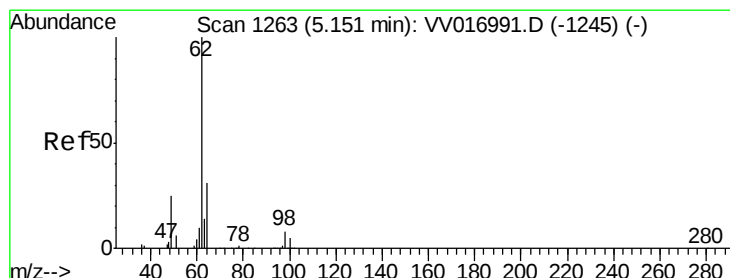
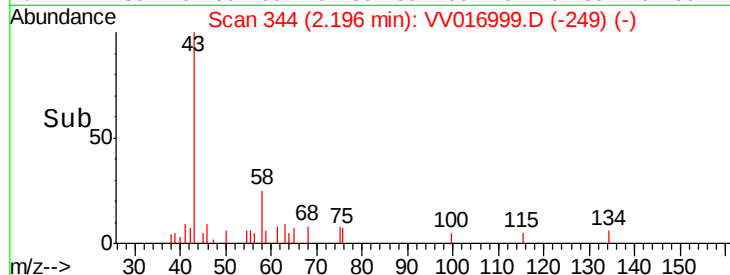
1000

500

0

2.15 2.20 2.25

Time-->



#27

1,2-Dichloroethane

Concen: 0.989 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016999.D

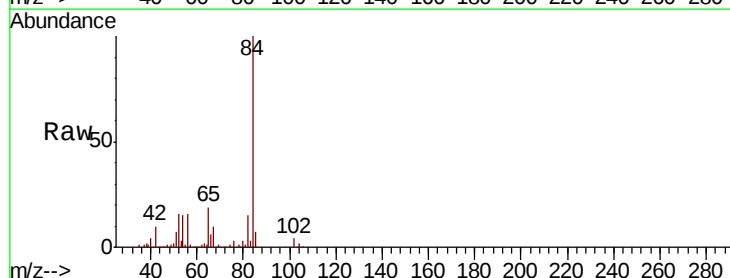
Acq: 19 Jun 2020 14:40

Tgt Ion: 62 Resp: 3438

Ion Ratio Lower Upper

62 100

98 8.1 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV016999.D (-1170) (-)

Ion 98.00 (97.70 to 98.70): VV016999.D (-1170) (-)

1500

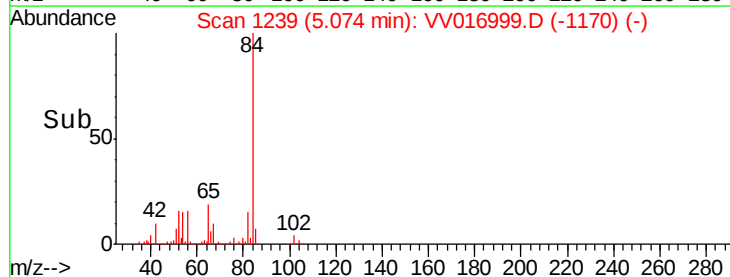
1000

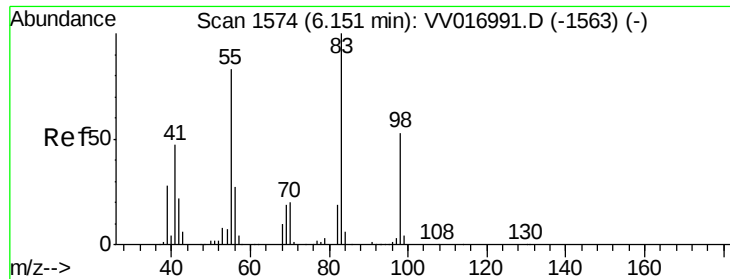
500

0

5.05 5.10

Time-->





#35

Methylcyclohexane

Concen: 9.841 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV016999.D

Acq: 19 Jun 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

F9M24

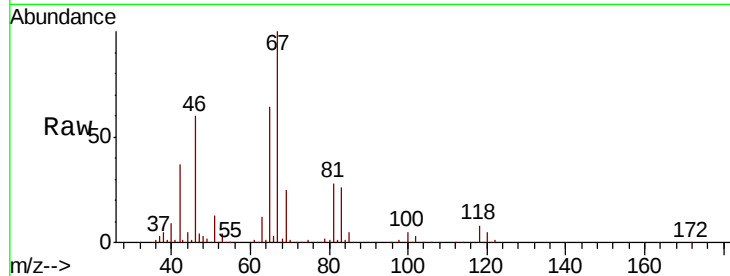
Tot Ion: 83 Resp: 36070

Ion Ratio Lower Upper

83 100

55 0.9 64.2 96.2#

98 2.1 40.3 60.5#

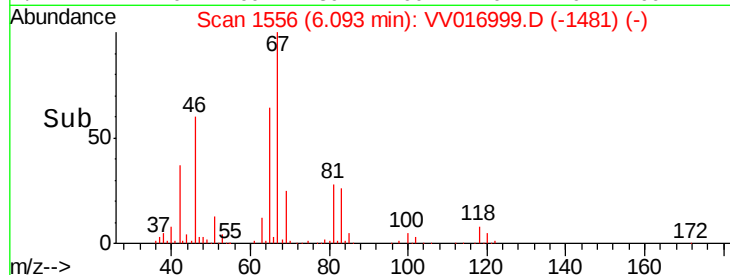


Abundance Ion 83.00 (82.70 to 83.70): VV016999.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VV016999.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VV016999.D (-1563) (-)

Time-->

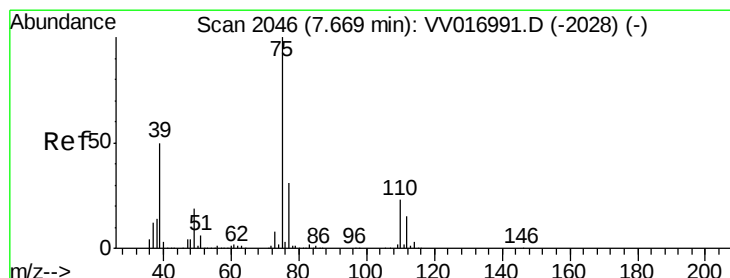


Abundance Ion 83.00 (82.70 to 83.70): VV016999.D (-1563) (-)

Ion 55.00 (54.70 to 55.70): VV016999.D (-1563) (-)

Ion 98.00 (97.70 to 98.70): VV016999.D (-1563) (-)

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.972 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016999.D

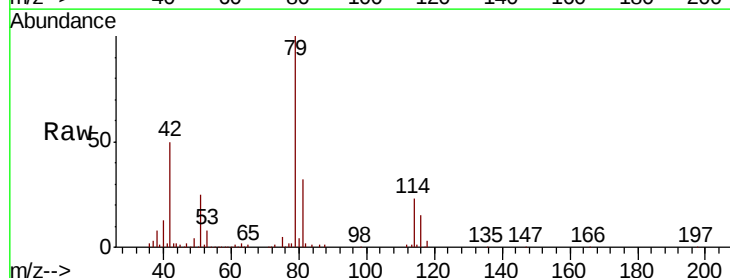
Acq: 19 Jun 2020 14:40

Tgt Ion: 75 Resp: 3324

Ion Ratio Lower Upper

75 100

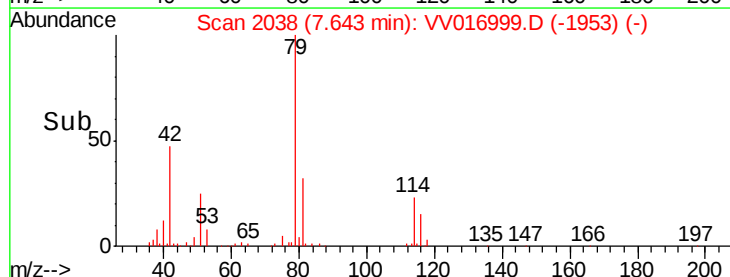
77 37.1 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV016999.D (-1953) (-)

Ion 77.00 (76.70 to 77.70): VV016999.D (-1953) (-)

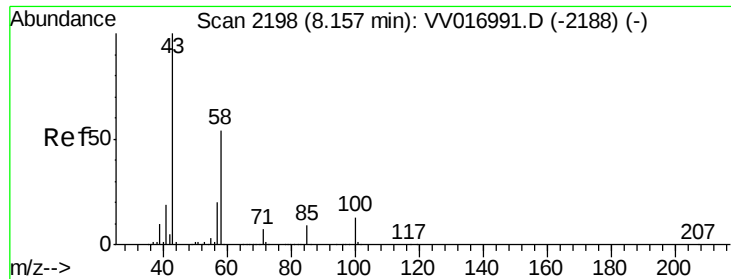
Time-->



Abundance Ion 75.00 (74.70 to 75.70): VV016999.D (-1953) (-)

Ion 77.00 (76.70 to 77.70): VV016999.D (-1953) (-)

Time-->



#48

2-Hexanone

Concen: 7.138 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016999.D

Acq: 19 Jun 2020 14:40

Instrument :

MSVOA_V

ClientSampleId :

F9M24

Tot Ion: 43 Resp: 17766

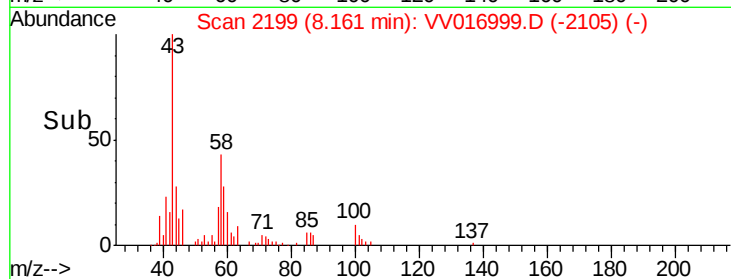
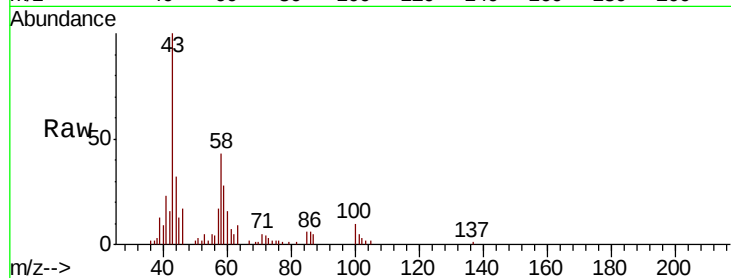
Ion Ratio Lower Upper

43 100

58 38.2 43.1 64.7#

57 21.6 15.3 22.9

100 11.6 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

