

Data File : VV012913.D
Acq On : 19 Sep 2019 00:58
Operator : SY/MD
Sample : K4649-08MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5169MSD

Quant Time: Sep 19 05:18:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	377492	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373966	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	143482	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145137	6.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.80%#
7) Chloroethane-d5	1.58	69	133984	8.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	178.80%#
11) 1,1-Dichloroethene-d2	2.13	63	252451	6.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	130.40%#
20) 2-Butanone-d5	3.97	46	153806	31.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.40%
24) Chloroform-d	4.40	84	266219	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
26) 1,2-Dichloroethane-d4	5.08	65	134680	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.10	84	528830	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.40%
36) 1,2-Dichloropropane-d6	6.12	67	168651	6.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	128.00%
41) Toluene-d8	7.36	98	428857	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.66	79	52408	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	224266	55.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.10%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	118750	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.20%#
66) 1,2-Dichlorobenzene-d4	11.67	152	152388	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1919	0.103	ug/L #	17
12) 1,1-Dichloroethene	2.14	96	128469	7.408	ug/L	92
16) Methylene chloride	2.54	84	4766	0.268	ug/L	99
25) Chloroform	4.42	83	10237	0.183	ug/L	92
33) Benzene	5.15	78	584145	5.751	ug/L	100
34) Trichloroethene	5.96	95	142957	4.934	ug/L	96
35) Methylcyclohexane	6.12	83	39628	0.873	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	18758	0.798	ug/L #	89
42) Toluene	7.43	91	586004	5.188	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	2626	0.088	ug/L	86
48) 2-Hexanone	8.14	43	20881	2.229	ug/L #	80
51) Chlorobenzene	8.92	112	388084	5.139	ug/L	99
61) 1,2,3-Trichloropropane	11.29	75	16588	1.586	ug/L #	39
62) 1,3,5-Trimethylbenzene	10.58	105	333	0.004	ug/L #	27
63) 1,2,4-Trimethylbenzene	10.96	105	156	0.002	ug/L #	49

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091919\
Quantitation Report (Not Reviewed)

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Operator : SY/MD
Sample : K4649-08MSD
Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
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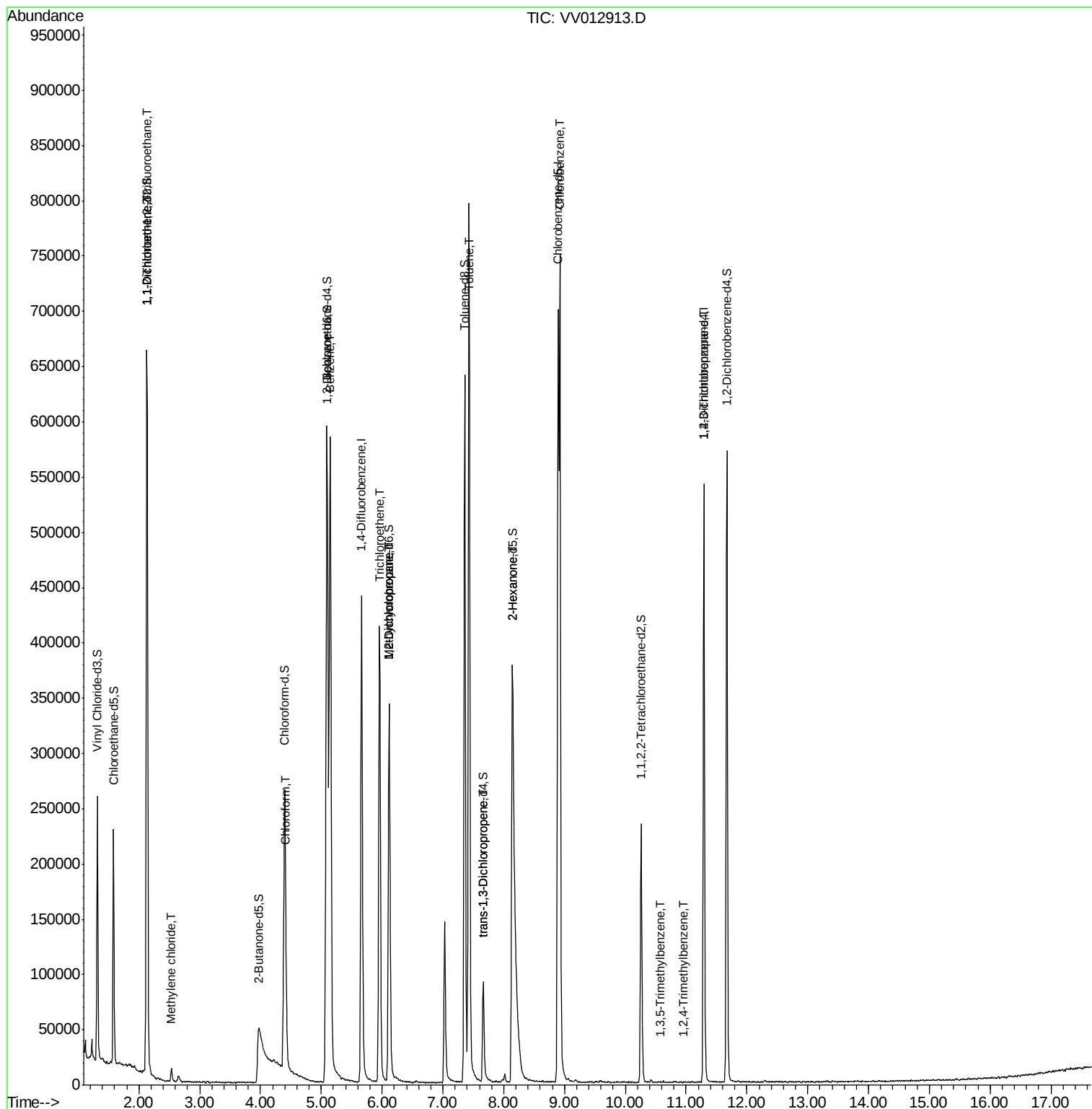
Quant Time: Sep 19 05:18:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
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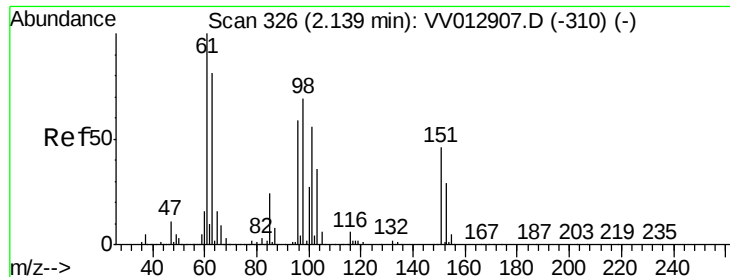
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
MSVOA_V
ClientSampleId :
A5169MSD

Quant Time: Sep 19 05:18:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SFAMVTR072919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 19 05:14:44 2019
Response via : Initial Calibration





#10

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

Concen: 0.103 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012913.D

Acq: 19 Sep 2019 00:58

Instrument :

MSVOA_V

ClientSampleId :

A5169MSD

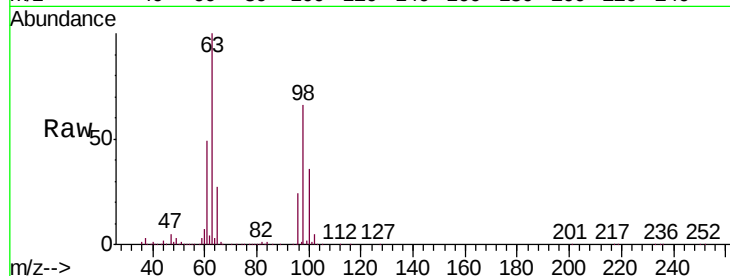
Tgt Ion:101 Resp: 1919

Ion Ratio Lower Upper

101 100

85 2.4 37.8 56.8#

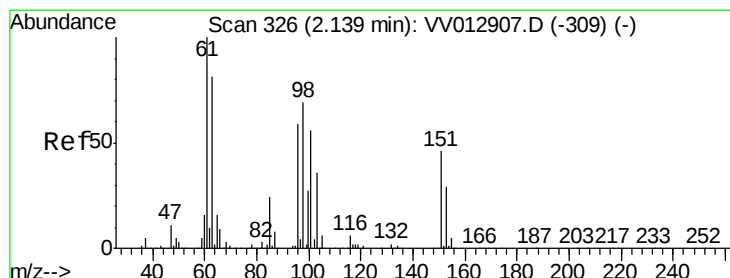
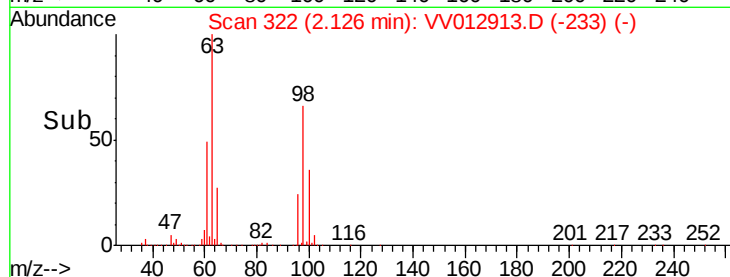
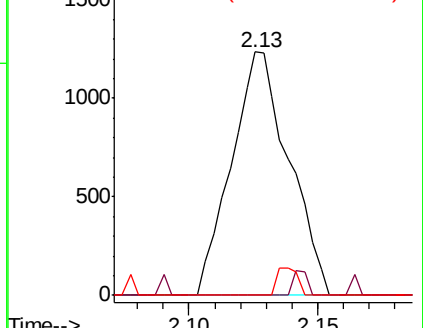
151 4.0 71.4 107.2#



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: 7.408 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV012913.D

Acq: 19 Sep 2019 00:58

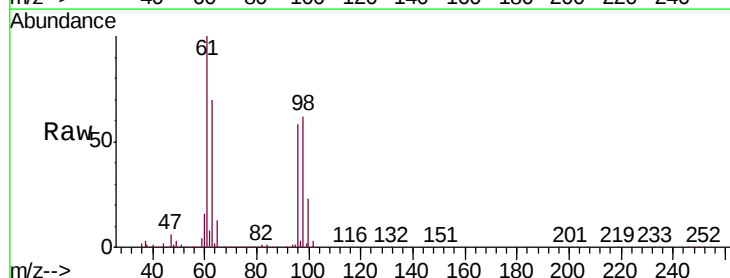
Tgt Ion: 96 Resp: 128469

Ion Ratio Lower Upper

96 100

61 172.2 127.8 237.4

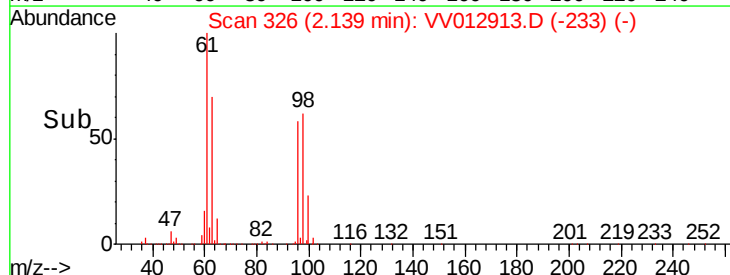
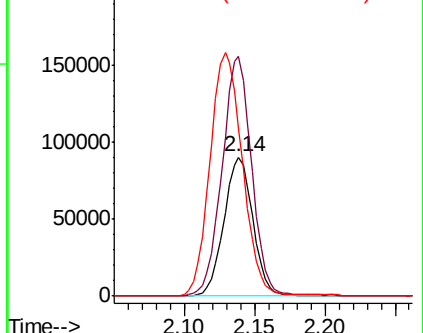
63 121.0 92.7 172.3

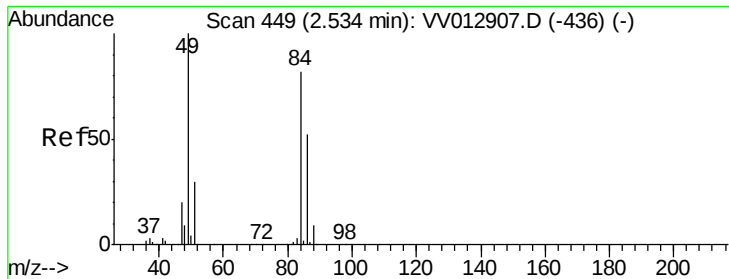


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

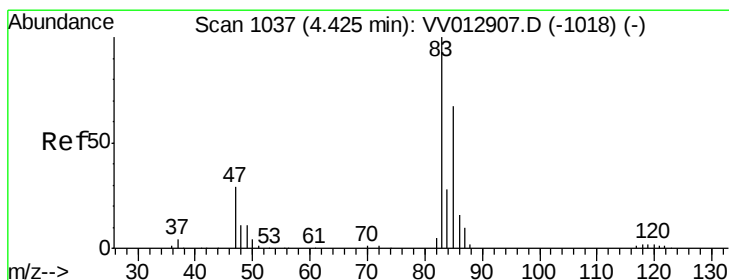
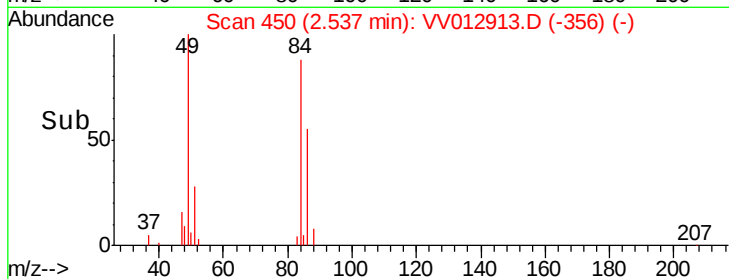
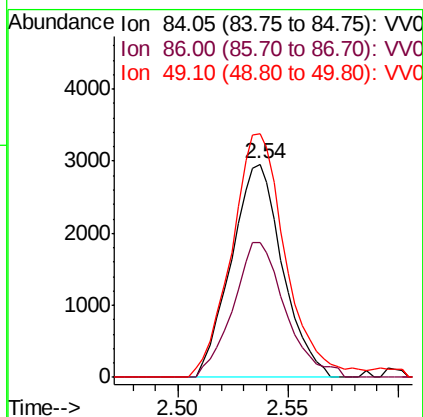
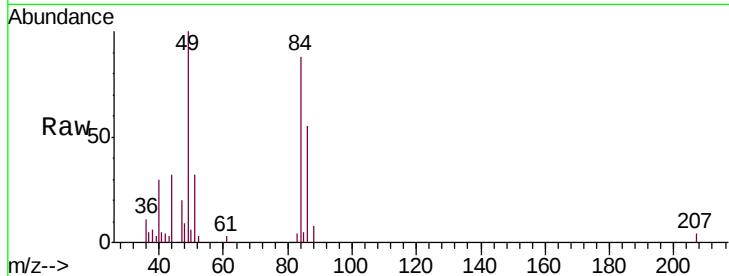




#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012913.D
Acq: 19 Sep 2019 00:58

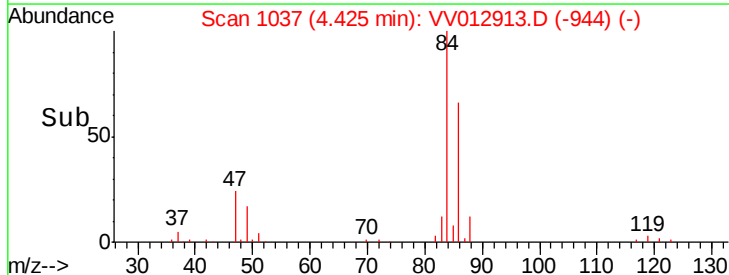
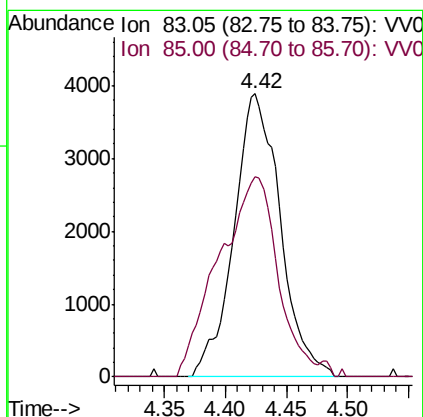
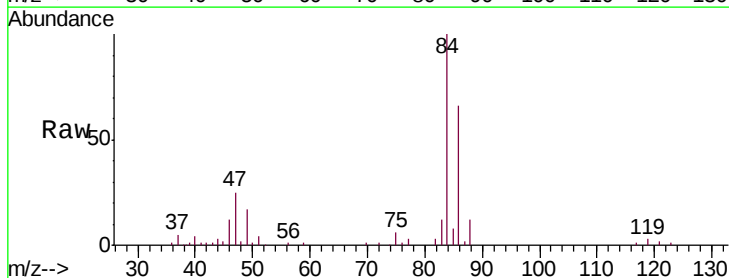
Instrument :
MSVOA_V
ClientSampleId :
A5169MSD

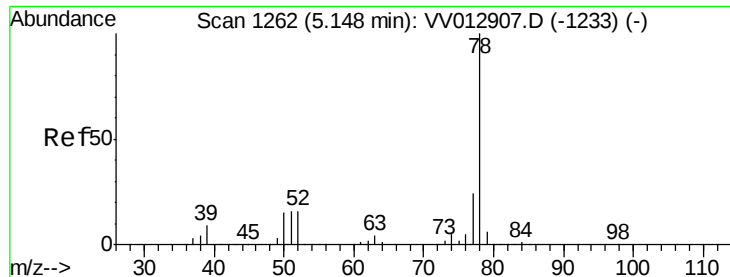
Tgt Ion: 84 Resp: 4766
Ion Ratio Lower Upper
84 100
86 63.3 44.9 83.3
49 114.2 78.6 146.0



#25
Chloroform
Concen: 0.183 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012913.D
Acq: 19 Sep 2019 00:58

Tgt Ion: 83 Resp: 10237
Ion Ratio Lower Upper
83 100
85 70.7 45.2 84.0





#33

Benzene

Concen: 5.751 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV012913.D

Acq: 19 Sep 2019 00:58

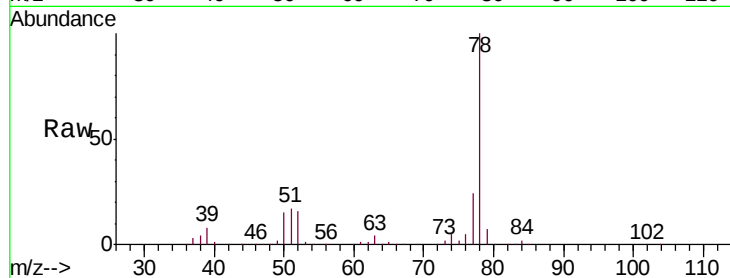
Instrument :

MSVOA_V

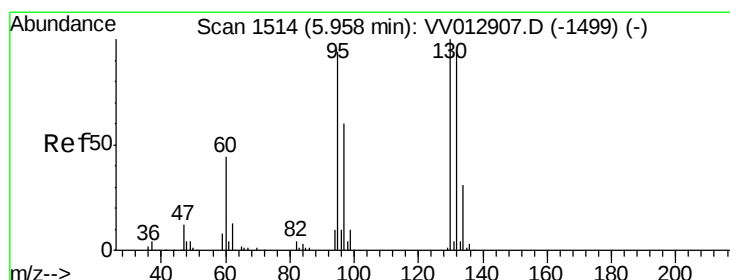
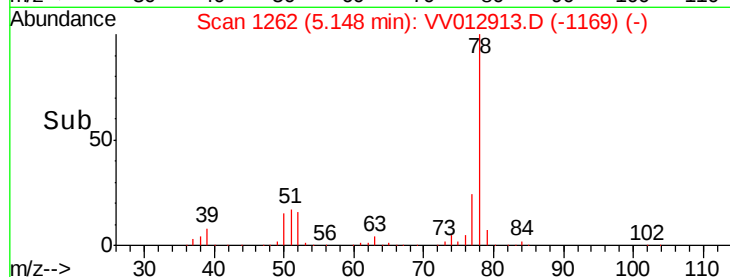
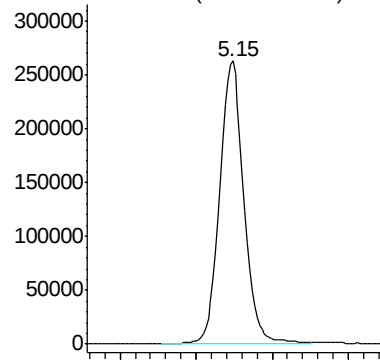
ClientSampleId :

A5169MSD

Tgt Ion: 78 Resp: 584145



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.934 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012913.D

Acq: 19 Sep 2019 00:58

Tgt Ion: 95 Resp: 142957

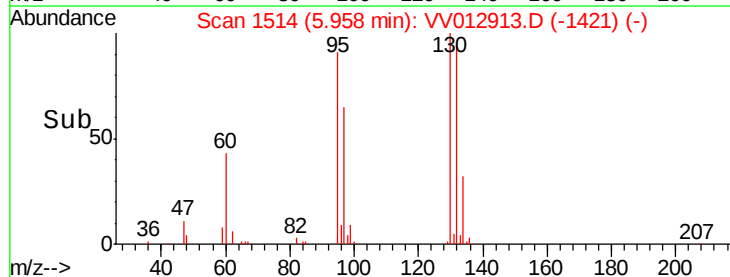
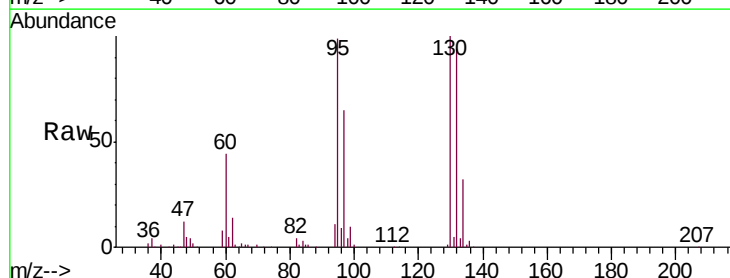
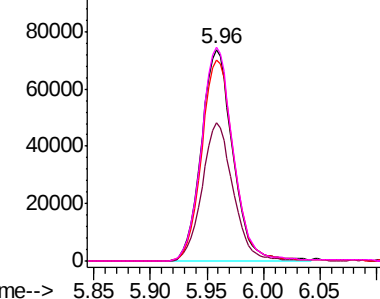
Ion	Ratio	Lower	Upper
95	100		
97	65.3	42.8	79.6
132	95.3	70.8	131.6
130	101.1	72.3	134.3

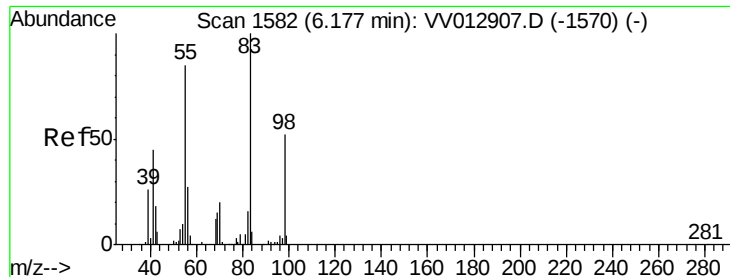
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

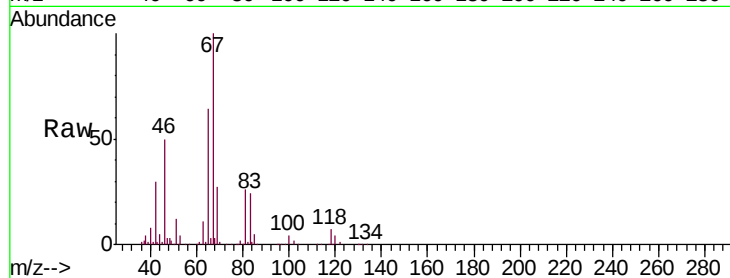




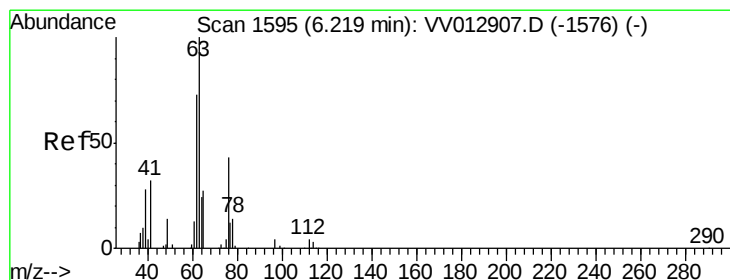
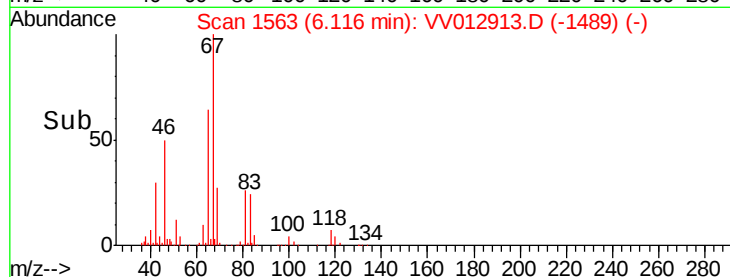
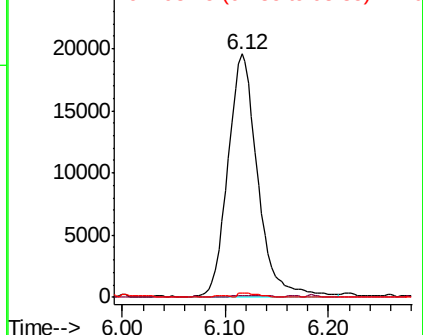
#35
Methylcyclohexane
Concen: 0.873 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012913.D
Acq: 19 Sep 2019 00:58

Instrument :
MSVOA_V
ClientSampleId :
A5169MSD

Tgt Ion: 83 Resp: 39628
Ion Ratio Lower Upper
83 100
55 0.6 60.1 90.1#
98 1.2 40.2 60.4#

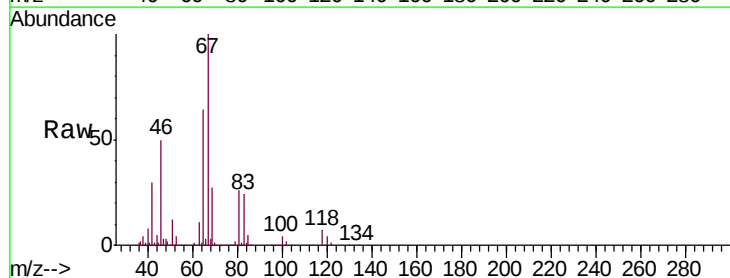


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

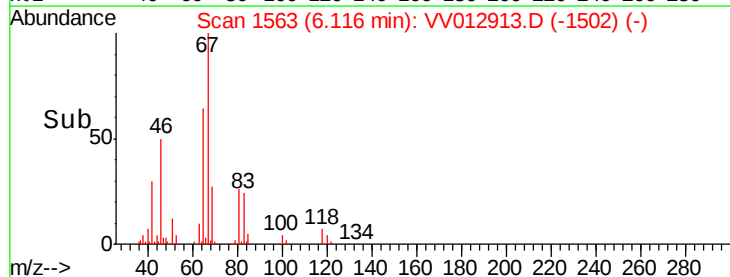
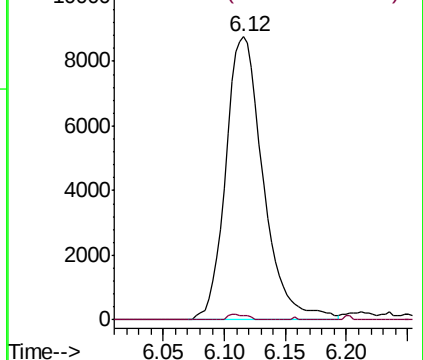


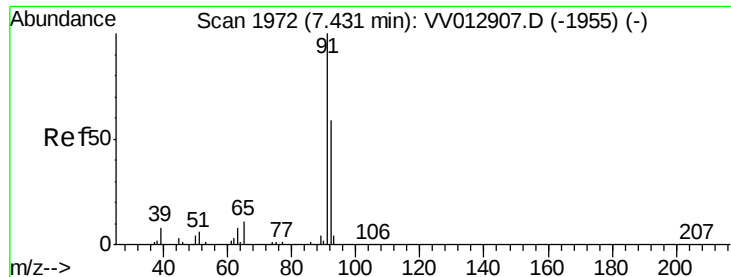
#37
1,2-Dichloropropane
Concen: 0.798 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012913.D
Acq: 19 Sep 2019 00:58

Tgt Ion: 63 Resp: 18758
Ion Ratio Lower Upper
63 100
112 1.0 3.8 5.6#



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





#42

Toluene

Concen: 5.188 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012913.D

Acq: 19 Sep 2019 00:58

Instrument :

MSVOA_V

ClientSampleId :

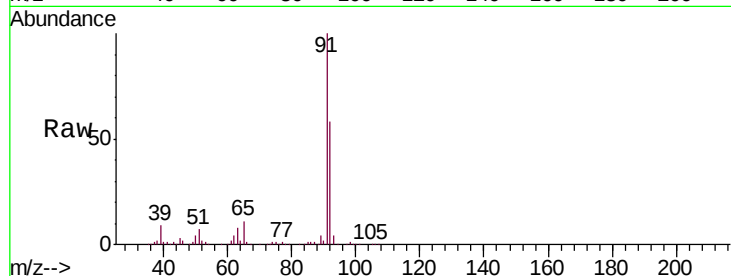
A5169MSD

Tgt Ion: 91 Resp: 586004

Ion Ratio Lower Upper

91 100

92 58.1 41.3 76.7



Abundance Ion 91.15 (90.85 to 91.85): VV012913.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV012913.D (-1879) (-)

7.43

300000

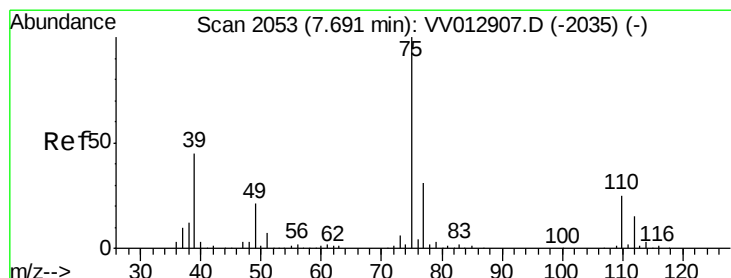
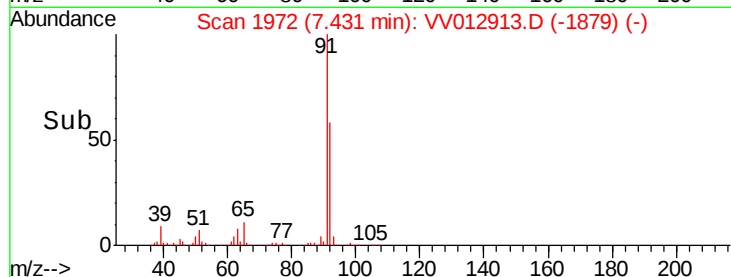
200000

100000

0

7.40 7.50 7.60

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012913.D

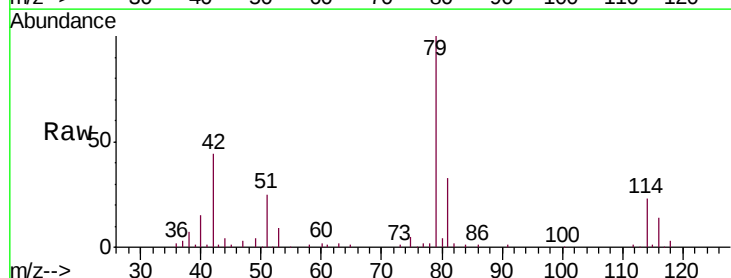
Acq: 19 Sep 2019 00:58

Tgt Ion: 75 Resp: 2626

Ion Ratio Lower Upper

75 100

77 38.5 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VV012913.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VV012913.D (-1960) (-)

7.66

1500

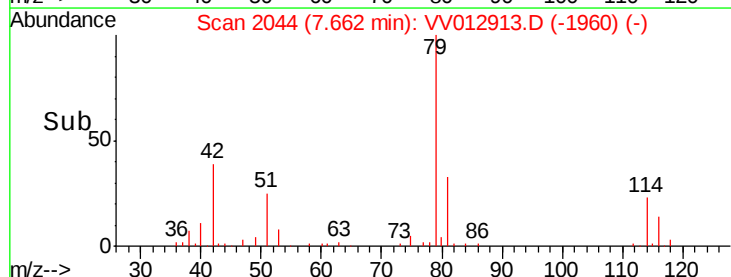
1000

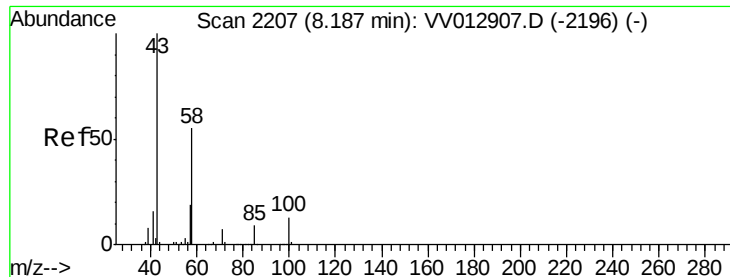
500

0

7.60 7.65 7.70

Time-->

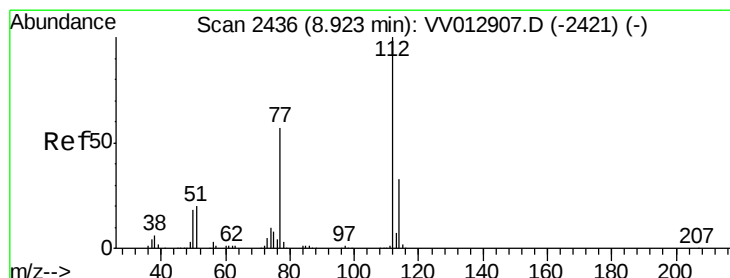
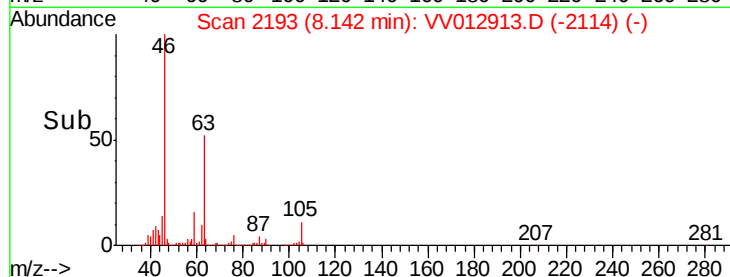
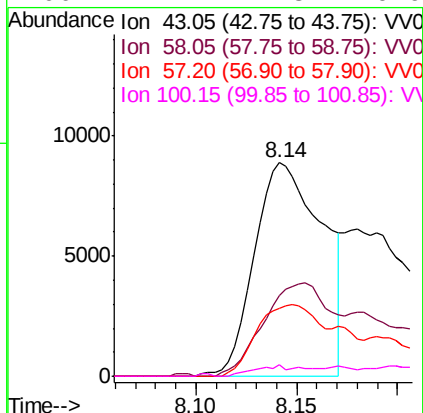
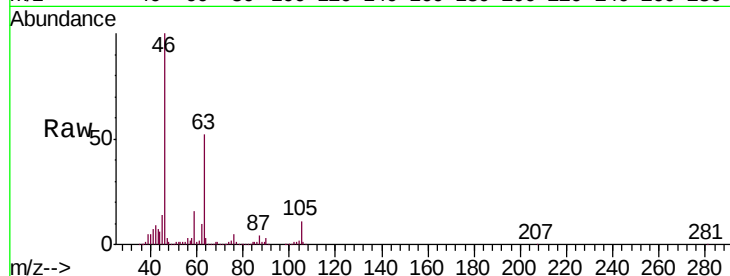




#48
2-Hexanone
Concen: 2.229 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV012913.D
Acq: 19 Sep 2019 00:58

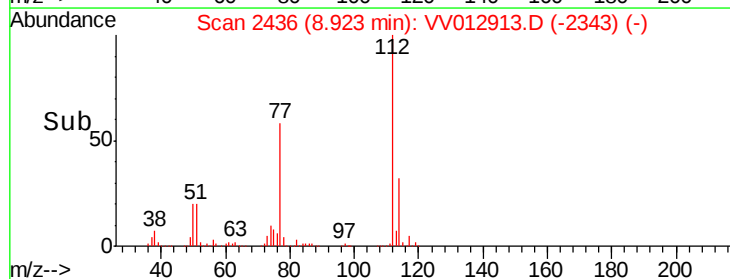
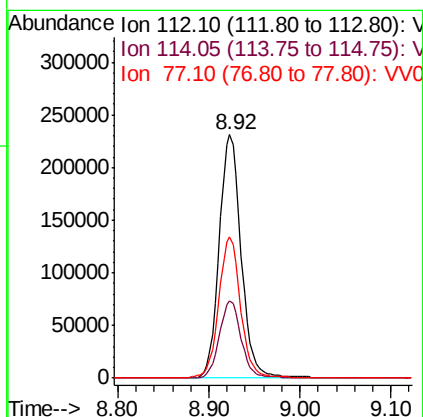
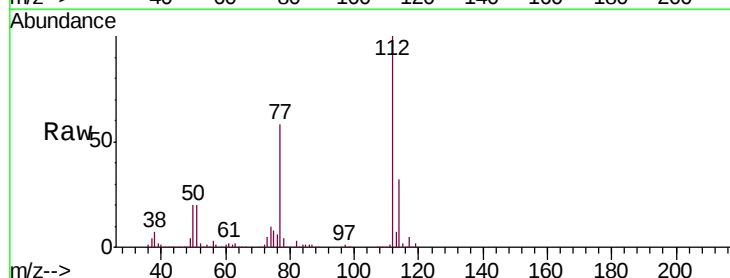
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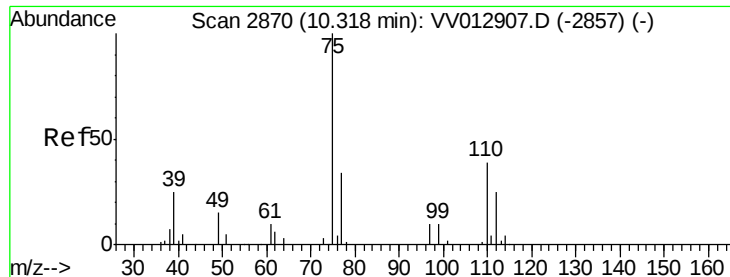
Tgt Ion: 43 Resp: 20881
Ion Ratio Lower Upper
43 100
58 44.1 44.1 66.1
57 31.8 16.1 24.1#
100 2.7 11.3 16.9#



#51
Chlorobenzene
Concen: 5.139 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012913.D
Acq: 19 Sep 2019 00:58

Tgt Ion: 112 Resp: 388084
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 58.2 45.9 68.9





#61

1,2,3-Trichloropropane

Concen: 1.586 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV012913.D

Acq: 19 Sep 2019 00:58

Instrument :

MSVOA_V

ClientSampleId :

A5169MSD

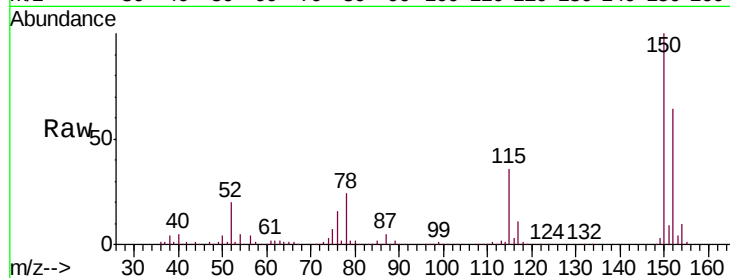
Tgt Ion: 75 Resp: 16588

Ion Ratio Lower Upper

75 100

77 0.0 26.8 40.2#

110 3.1 35.0 52.6#

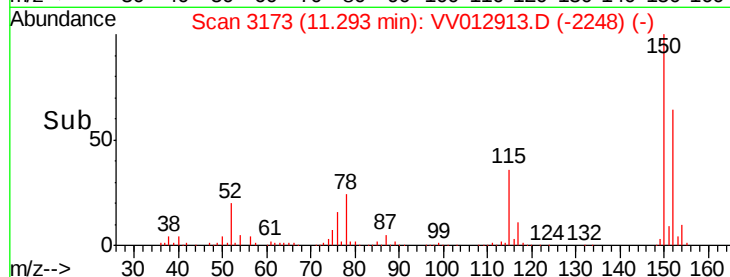


Abundance Ion 75.00 (74.70 to 75.70): VV012907.D (-2857) (-)

Ion 77.00 (76.70 to 77.70): VV012907.D (-2857) (-)

Ion 110.00 (109.70 to 110.70): VV012907.D (-2857) (-)

Time-->

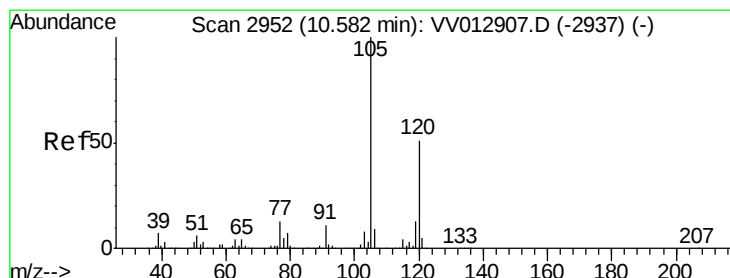


Abundance Ion 75.00 (74.70 to 75.70): VV012913.D (-2248) (-)

Ion 77.00 (76.70 to 77.70): VV012913.D (-2248) (-)

Ion 110.00 (109.70 to 110.70): VV012913.D (-2248) (-)

Time-->



#62

1,3,5-Trimethylbenzene

Concen: 0.004 ug/L

RT: 10.58 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VV012913.D

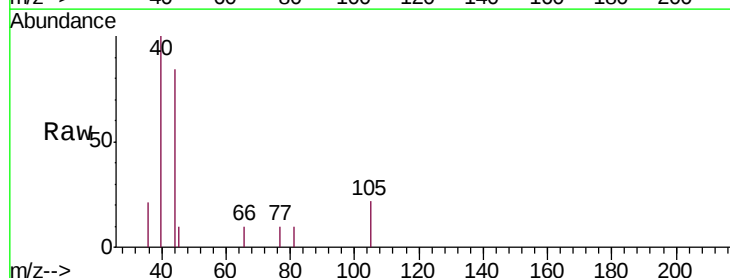
Acq: 19 Sep 2019 00:58

Tgt Ion: 105 Resp: 333

Ion Ratio Lower Upper

105 100

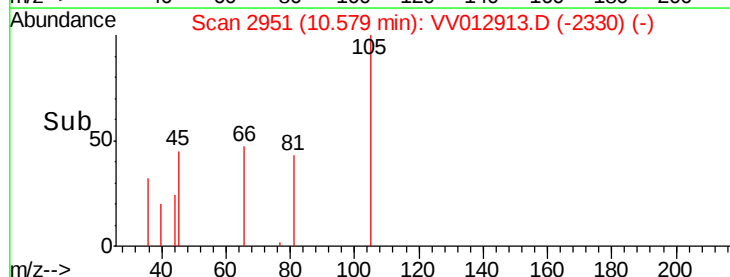
120 0.0 40.1 60.1#



Abundance Ion 105.00 (104.70 to 105.70): VV012907.D (-2937) (-)

Ion 120.00 (119.70 to 120.70): VV012907.D (-2937) (-)

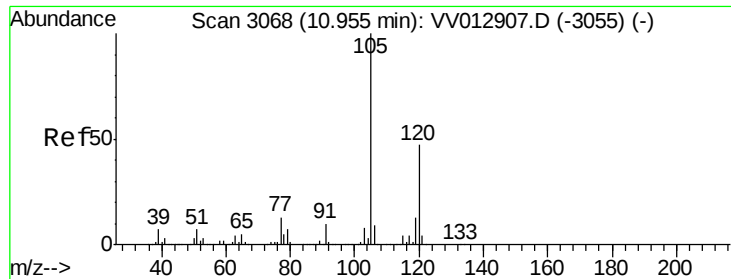
Time-->



Abundance Ion 105.00 (104.70 to 105.70): VV012913.D (-2330) (-)

Ion 120.00 (119.70 to 120.70): VV012913.D (-2330) (-)

Time-->



#63
 1,2,4-Trimethylbenzene
 Concen: 0.002 ug/L
 RT: 10.96 min Scan# 3070
 Delta R.T. 0.01 min
 Lab File: VV012913.D
 Acq: 19 Sep 2019 00:58

Instrument :
 MSVOA_V
 ClientSampleId :
 A5169MSD

Tgt Ion:105 Resp: 156
 Ion Ratio Lower Upper
 105 100
 120 78.2 35.8 53.8#

