

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016569.D
 Acq On : 06 Jun 2020 05:15
 Operator : SY/MD
 Sample : L2862-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 06:34:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	387687	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	365646	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	111636	40.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.30%
7) Chloroethane-d5	1.56	69	82785	41.76	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.52%
11) 1,1-Dichloroethene-d2	2.12	63	159181	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.40%
21) 2-Butanone-d5	3.89	46	193140	110.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.00%
24) Chloroform-d	4.37	84	238438	46.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.54%
26) 1,2-Dichloroethane-d4	5.05	65	168197	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.07	84	485375	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
36) 1,2-Dichloropropane-d6	6.09	67	153754	50.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.76%
41) Toluene-d8	7.34	98	441185	49.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.64	79	69413	46.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.34%
47) 2-Hexanone-d5	8.11	63	149561	114.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	208036	50.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	181238	54.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.66%

Target Compounds

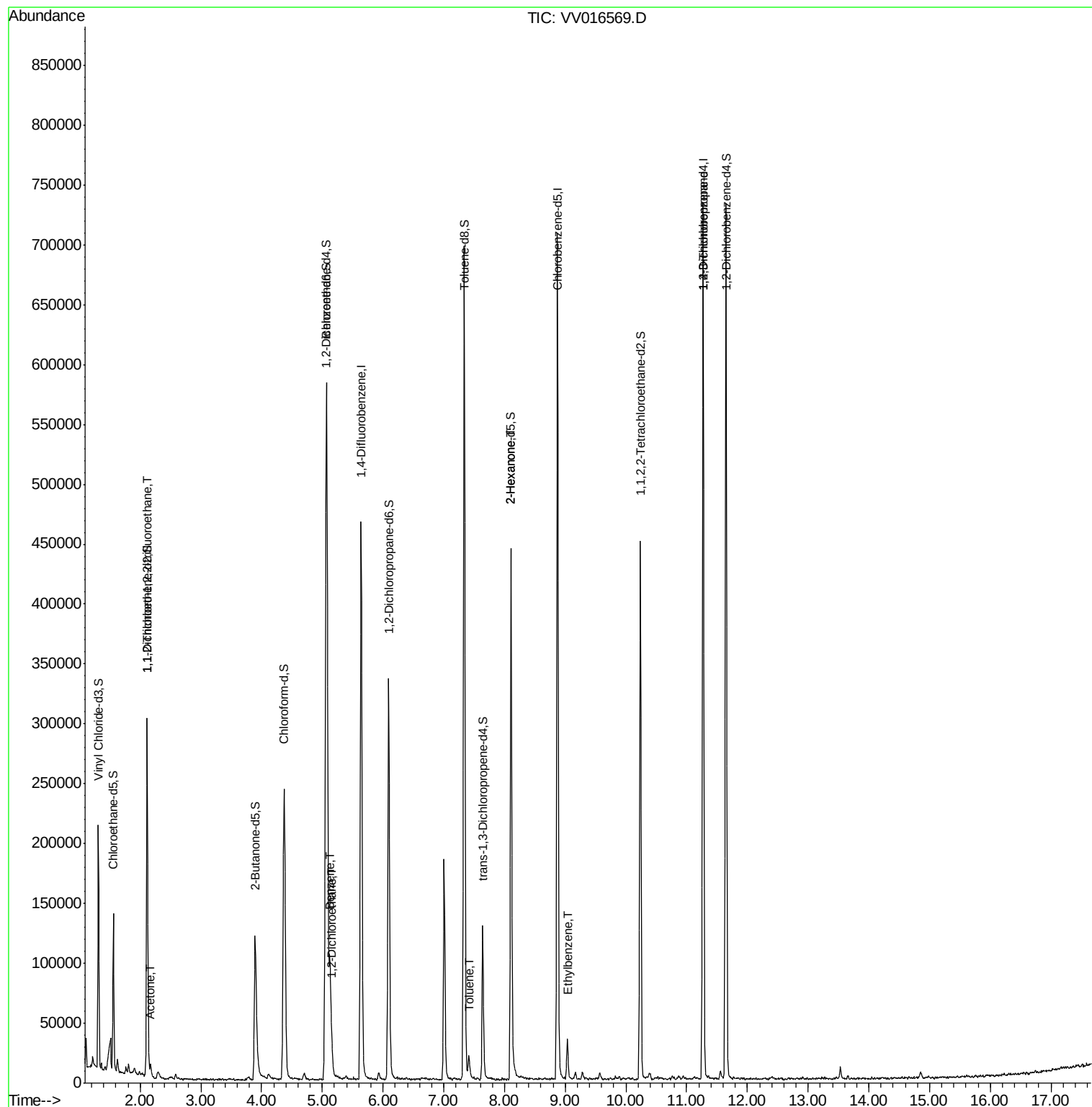
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1614	0.722 ug/L #	23
13) Acetone	2.17	43	7214	4.396 ug/L	98
27) 1,2-Dichloroethane	5.16	62	19811	4.631 ug/L #	91
33) Benzene	5.13	78	99637	9.265 ug/L	100
42) Toluene	7.41	91	12880	1.130 ug/L	94
48) 2-Hexanone	8.11	43	17801	5.937 ug/L #	72
52) Ethylbenzene	9.04	91	23279	1.877 ug/L	96
59) 1,2,3-Trichloropropane	11.27	75	20332	5.813 ug/L	89

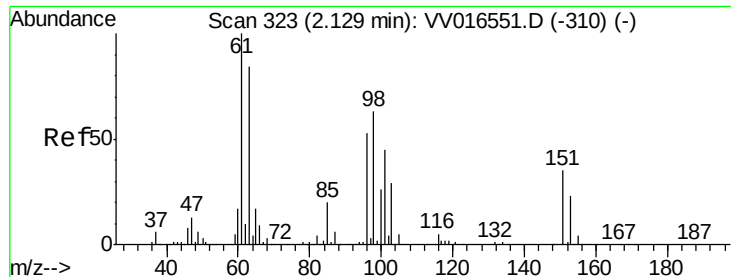
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#10

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

Concen: 0.722 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016569.D

Acq: 06 Jun 2020 05:15

Instrument :

MSVOA_V

ClientSampleId :

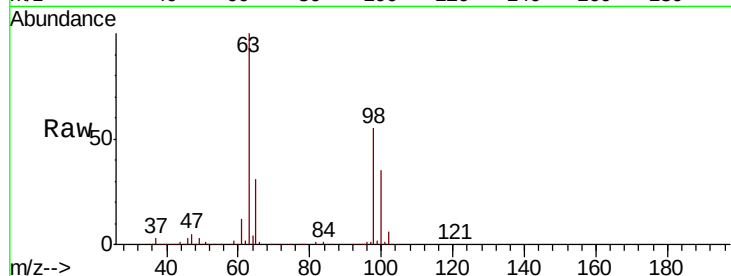
Tot Ion:101 Resp: 1614

Ion Ratio Lower Upper

101 100

85 7.5 35.6 53.4#

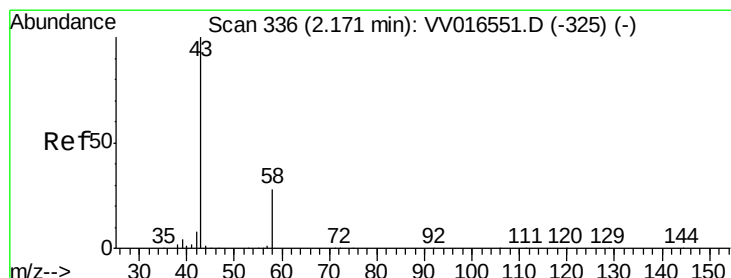
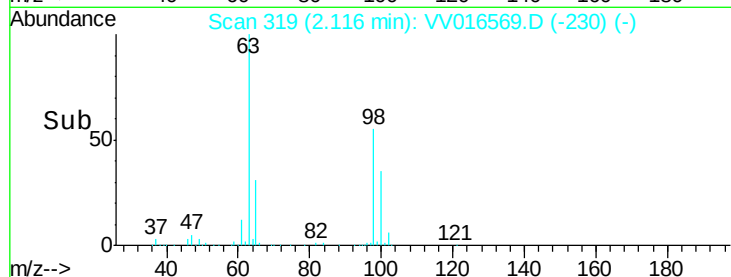
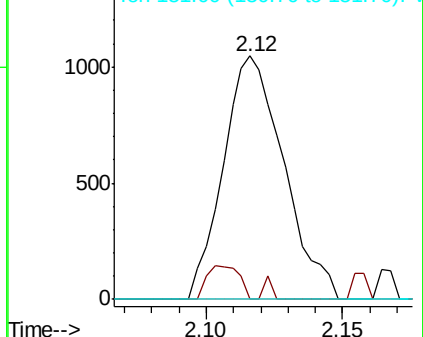
151 0.0 61.8 92.8#



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



#13

Acetone

Concen: 4.396 ug/L

RT: 2.17 min Scan# 336

Delta R.T. 0.00 min

Lab File: VV016569.D

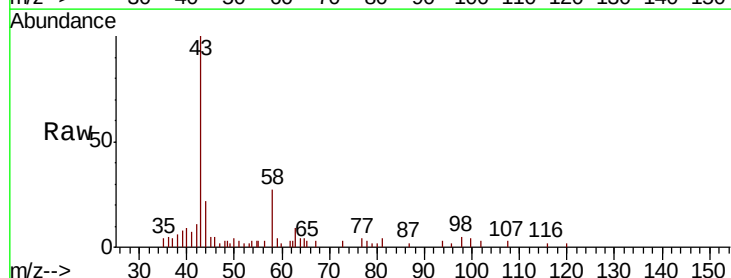
Acq: 06 Jun 2020 05:15

Tgt Ion: 43 Resp: 7214

Ion Ratio Lower Upper

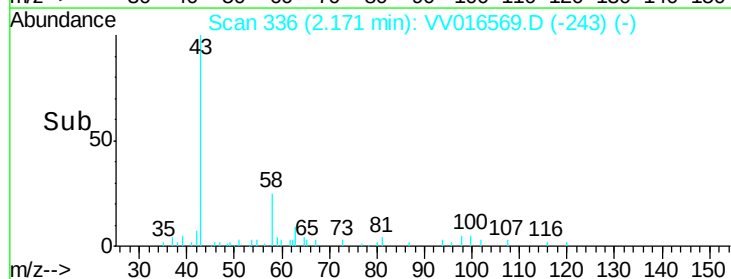
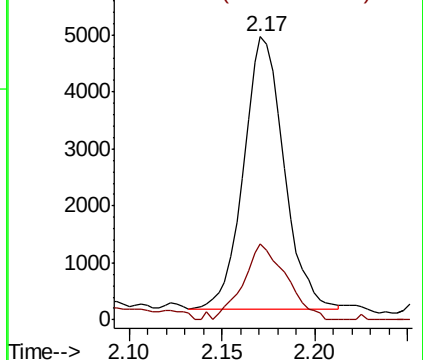
43 100

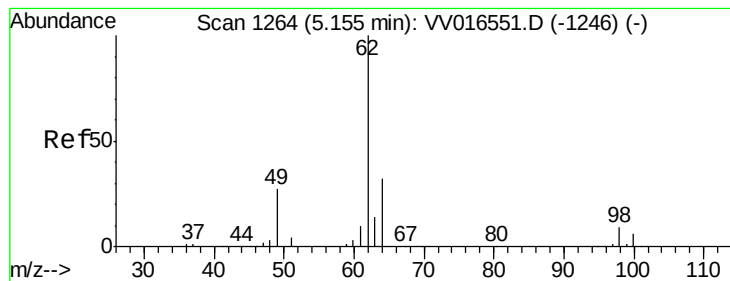
58 29.7 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#27

1,2-Dichloroethane

Concen: 4.631 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VV016569.D

Acq: 06 Jun 2020 05:15

Instrument :

MSVOA_V

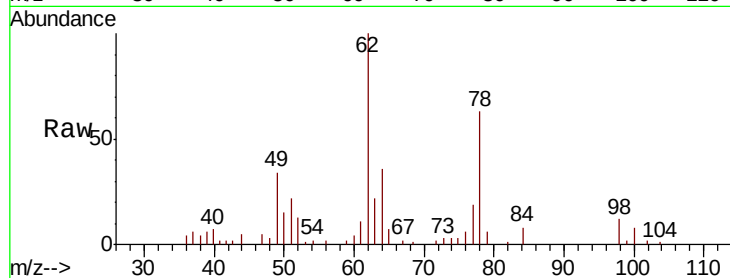
ClientSampleId :

Tot Ion: 62 Resp: 19811

Ion Ratio Lower Upper

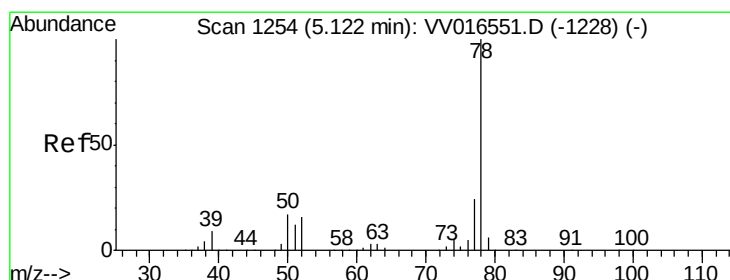
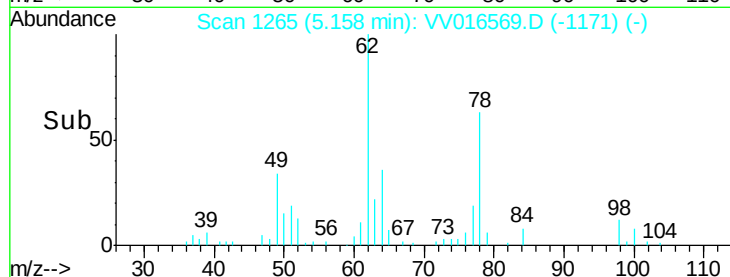
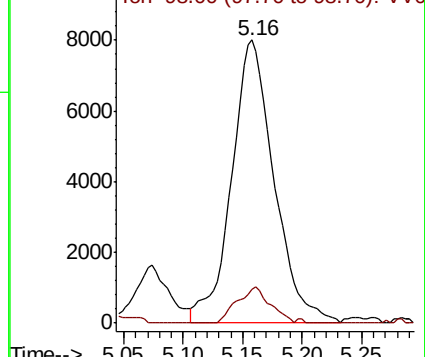
62 100

98 11.9 6.9 10.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#33

Benzene

Concen: 9.265 ug/L

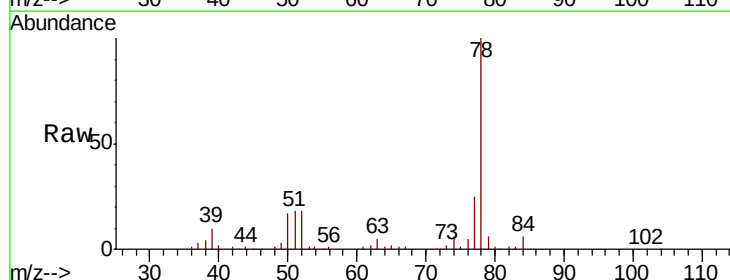
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

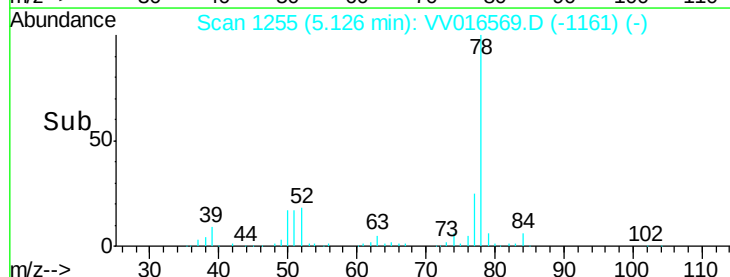
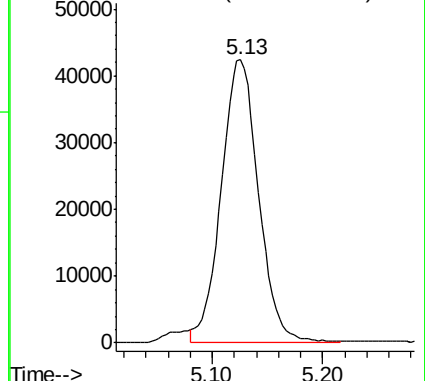
Lab File: VV016569.D

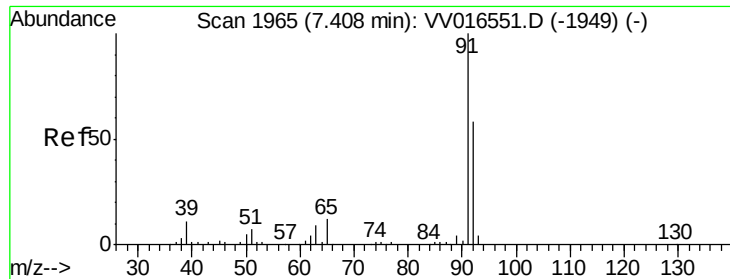
Acq: 06 Jun 2020 05:15

Tgt Ion: 78 Resp: 99637



Abundance Ion 78.00 (77.70 to 78.70): VV0





#42

Toluene

Concen: 1.130 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016569.D

Acq: 06 Jun 2020 05:15

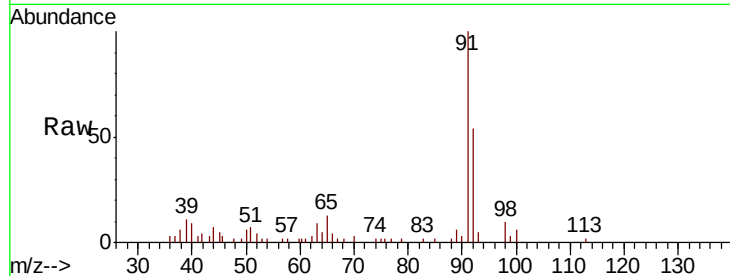
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 12880

Ion Ratio Lower Upper

91 100

92 53.8 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016551.D (-1949) (-)

Ion 92.00 (91.70 to 92.70): VV016551.D (-1949) (-)

7.41

6000

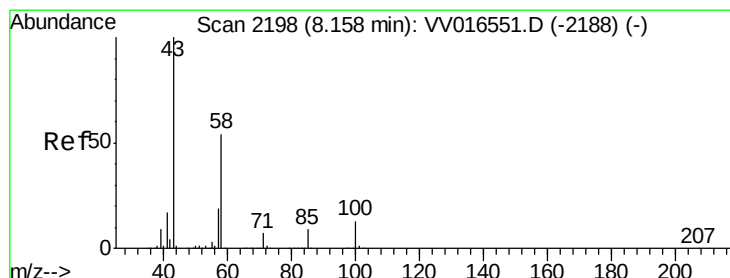
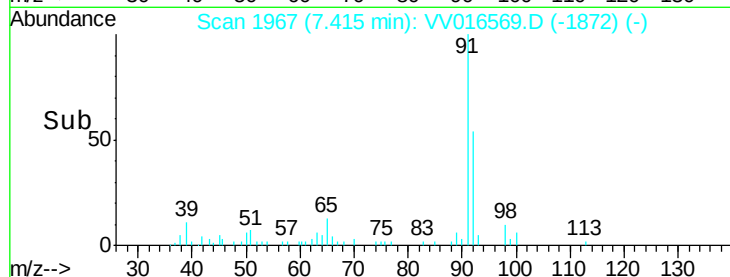
4000

2000

0

7.35 7.40 7.45

Time-->



#48

2-Hexanone

Concen: 5.937 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV016569.D

Acq: 06 Jun 2020 05:15

Tgt Ion: 43 Resp: 17801

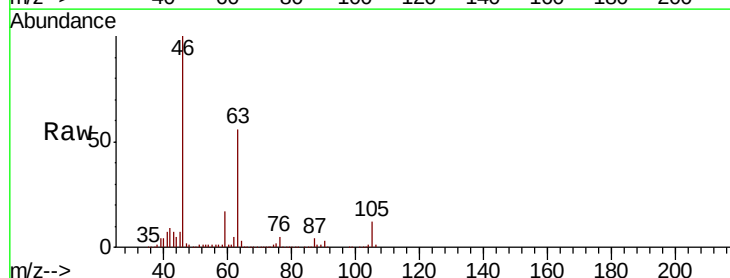
Ion Ratio Lower Upper

43 100

58 29.8 42.7 64.1#

57 22.7 14.5 21.7#

100 0.6 9.4 14.2#



Abundance Ion 43.00 (42.70 to 43.70): VV016551.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV016551.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV016551.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV016551.D (-2188) (-)

8.11

15000

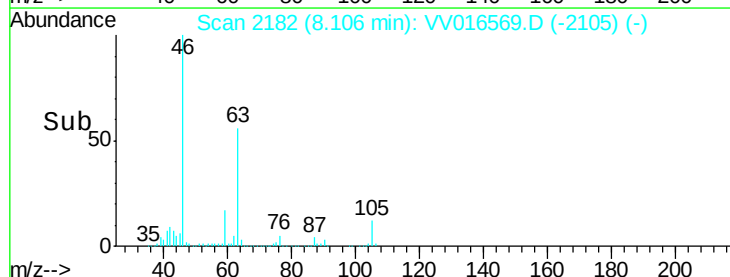
10000

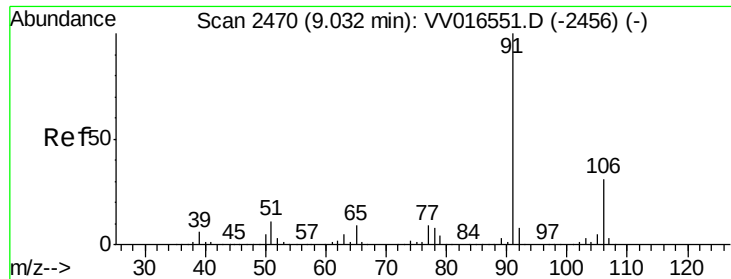
5000

0

8.05 8.10 8.15

Time-->





#52

Ethylbenzene

Concen: 1.877 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016569.D

Acq: 06 Jun 2020 05:15

Instrument :

MSVOA_V

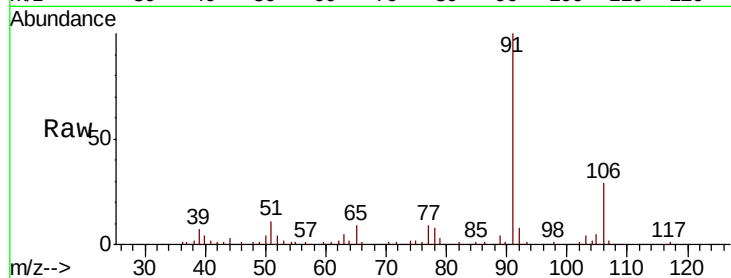
ClientSampleId :

Tot Ion: 91 Resp: 23279

Ion Ratio Lower Upper

91 100

106 28.9 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV016551.D (-2456) (-)

Ion 106.00 (105.70 to 106.70): VV016551.D (-2456) (-)

9.04

15000

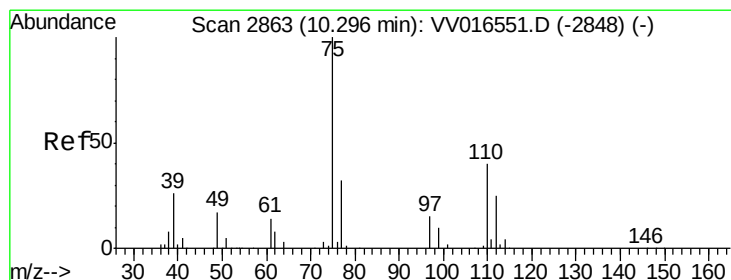
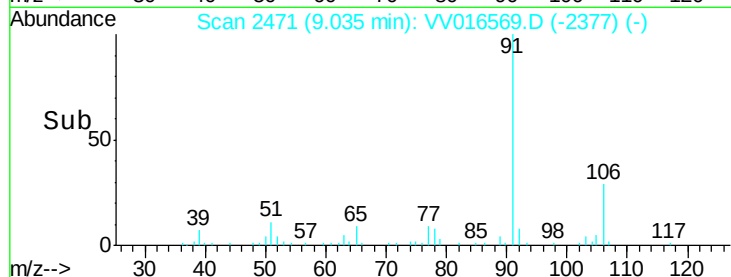
10000

5000

0

Time-->

9.00 9.05 9.10



#59

1,2,3-Trichloropropane

Concen: 5.813 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016569.D

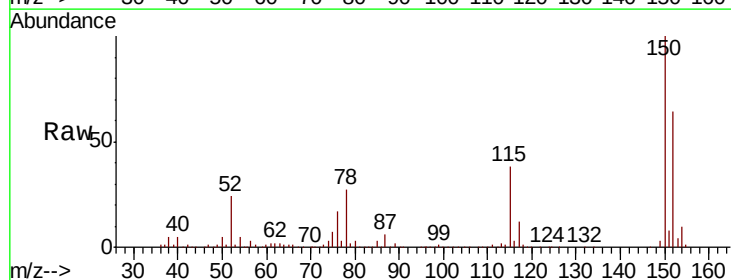
Acq: 06 Jun 2020 05:15

Tgt Ion: 75 Resp: 20332

Ion Ratio Lower Upper

75 100

77 39.7 26.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV016551.D (-2848) (-)

Ion 77.00 (76.70 to 77.70): VV016551.D (-2848) (-)

11.27

15000

10000

5000

0

Time-->

11.25 11.30

