

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016658.D
 Acq On : 08 Jun 2020 14:38
 Operator : SY/MD
 Sample : L2862-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E28

Quant Time: Jun 09 01:07:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 01:02:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	256242	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	239900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	118249	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118906	65.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	131.52%
7) Chloroethane-d5	1.56	69	82119	75.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	151.38%#
11) 1,1-Dichloroethene-d2	2.12	63	158041	52.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.10%
21) 2-Butanone-d5	3.89	46	186946	139.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	139.70%#
24) Chloroform-d	4.37	84	243519	66.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.48%#
26) 1,2-Dichloroethane-d4	5.05	65	174914	69.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	139.88%#
32) Benzene-d6	5.07	84	486722	70.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	140.76%#
36) 1,2-Dichloropropane-d6	6.09	67	151615	70.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	140.66%#
41) Toluene-d8	7.34	98	437534	68.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	137.90%#
43) trans-1,3-Dichloropropene-	7.64	79	72204	64.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	128.62%#
47) 2-Hexanone-d5	8.11	63	121134	128.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.89%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	199729	69.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	139.98%#
64) 1,2-Dichlorobenzene-d4	11.65	152	180759	71.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	143.26%#

Target Compounds

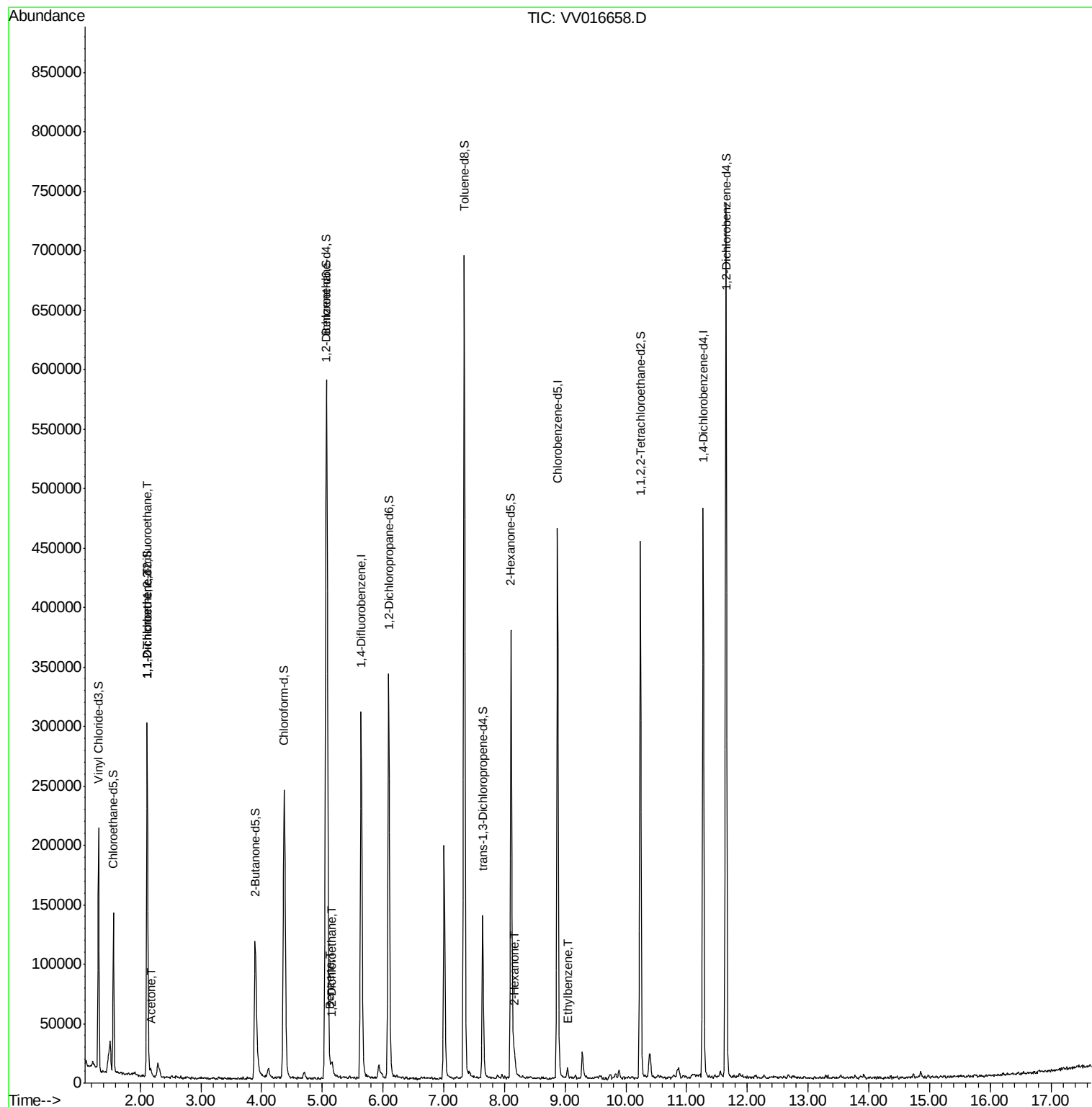
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1518	1.114 ug/L #	28
12) 1,1-Dichloroethene	2.12	96	1336	1.050 ug/L #	1
13) Acetone	2.17	43	5019	5.692 ug/L	87
27) 1,2-Dichloroethane	5.16	62	10691	3.802 ug/L	98
33) Benzene	5.13	78	5861	0.826 ug/L	100
48) 2-Hexanone	8.17	43	9915	4.889 ug/L	95
52) Ethylbenzene	9.04	91	4815	0.581 ug/L	90

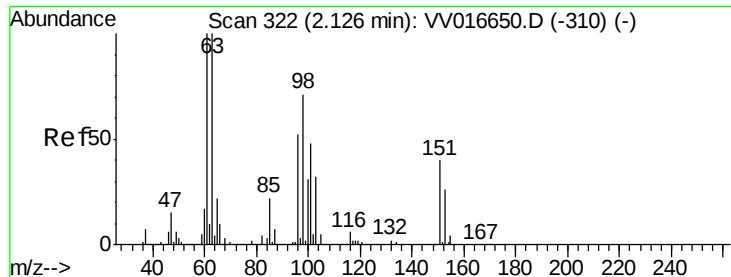
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 1.114 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016658.D

Acq: 08 Jun 2020 14:38

Instrument :

MSVOA_V

ClientSampleId :

F9E28

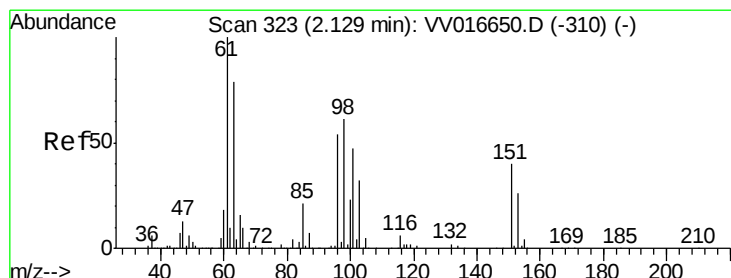
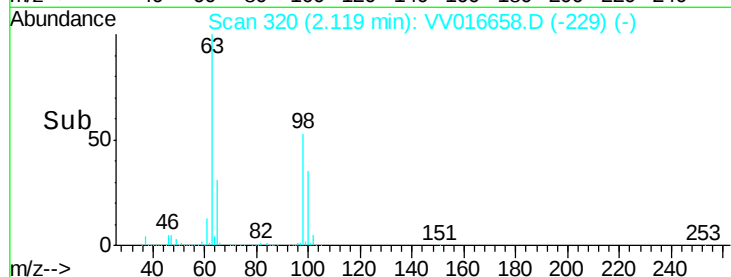
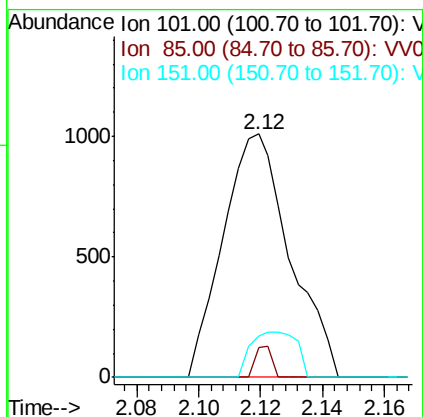
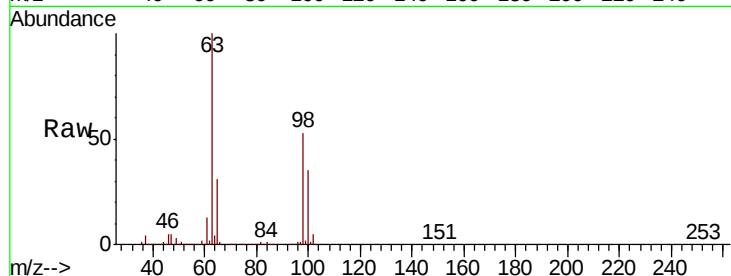
Tot Ion:101 Resp: 1518

Ion Ratio Lower Upper

101 100

85 3.2 35.5 53.3#

151 12.8 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 1.050 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016658.D

Acq: 08 Jun 2020 14:38

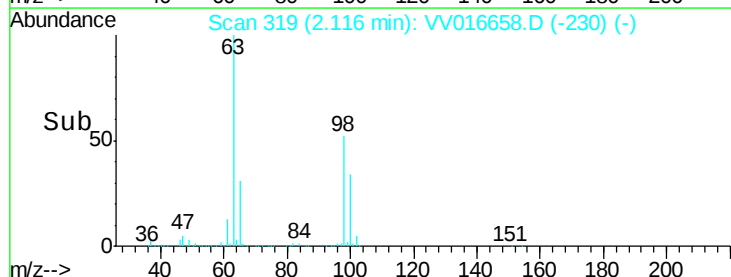
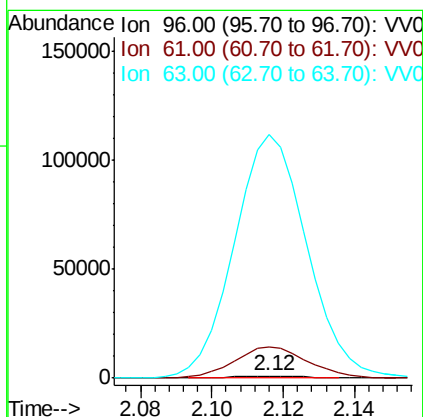
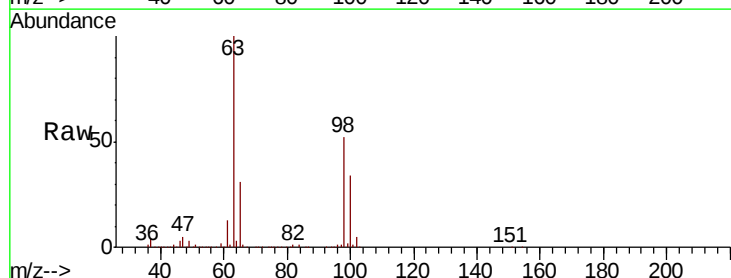
Tgt Ion: 96 Resp: 1336

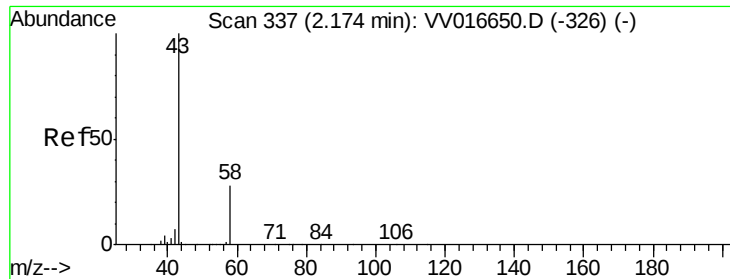
Ion Ratio Lower Upper

96 100

61 1585.9 130.4 242.2#

63 12259.6 103.3 191.9#





#13

Acetone

Concen: 5.692 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016658.D

Acq: 08 Jun 2020 14:38

Instrument :

MSVOA_V

ClientSampleId :

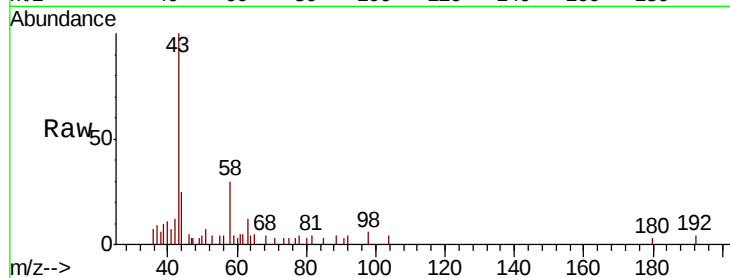
F9E28

Tot Ion: 43 Resp: 5019

Ion Ratio Lower Upper

43 100

58 34.5 0.0 55.2

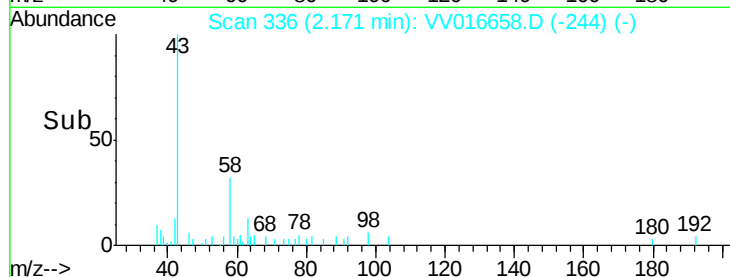


Abundance Ion 43.00 (42.70 to 43.70): VV016650.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016650.D (-326) (-)

2.17

Time-->

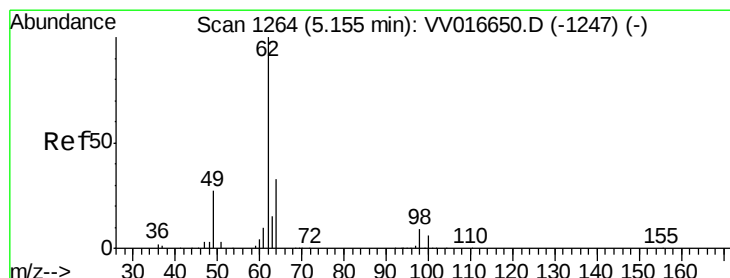


Abundance Ion 43.00 (42.70 to 43.70): VV016658.D (-244) (-)

Ion 58.00 (57.70 to 58.70): VV016658.D (-244) (-)

2.17

Time-->



#27

1,2-Dichloroethane

Concen: 3.802 ug/L

RT: 5.16 min Scan# 1266

Delta R.T. 0.01 min

Lab File: VV016658.D

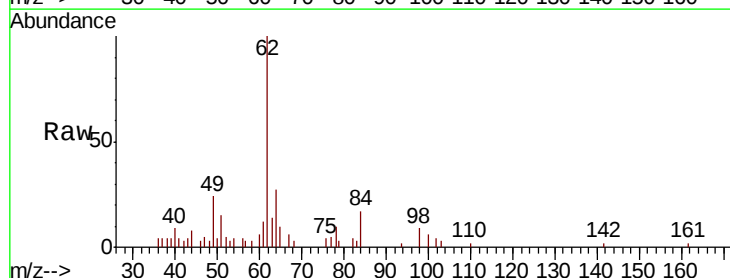
Acq: 08 Jun 2020 14:38

Tgt Ion: 62 Resp: 10691

Ion Ratio Lower Upper

62 100

98 8.6 7.4 11.2

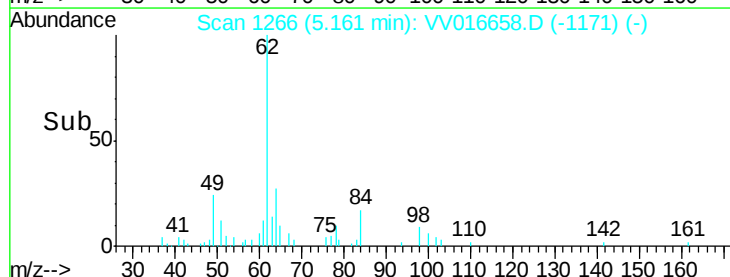


Abundance Ion 62.00 (61.70 to 62.70): VV016650.D (-1247) (-)

Ion 98.00 (97.70 to 98.70): VV016650.D (-1247) (-)

5.16

Time-->

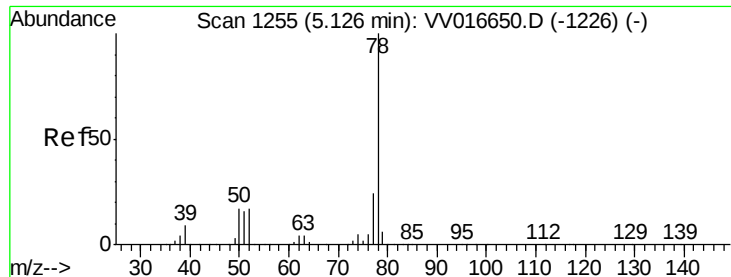


Abundance Ion 62.00 (61.70 to 62.70): VV016658.D (-1171) (-)

Ion 98.00 (97.70 to 98.70): VV016658.D (-1171) (-)

5.16

Time-->



#33

Benzene

Concen: 0.826 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VV016658.D

Acq: 08 Jun 2020 14:38

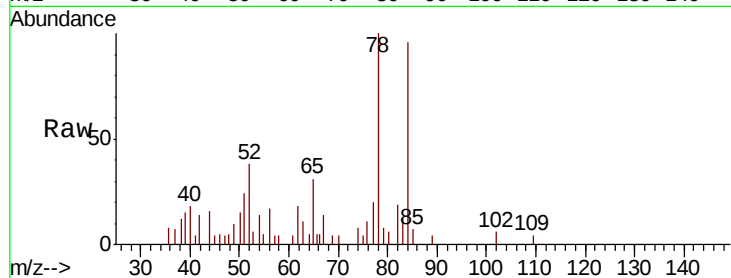
Instrument :

MSVOA_V

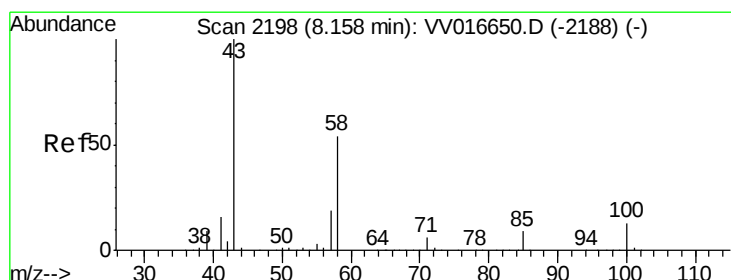
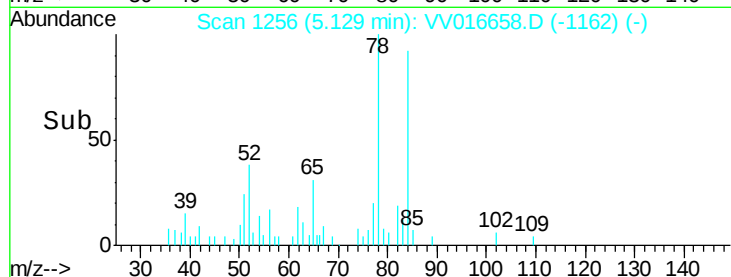
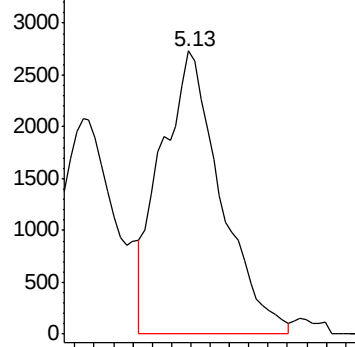
ClientSampled :

F9E28

Tgt Ion: 78 Resp: 5861



Abundance Ion 78.00 (77.70 to 78.70): VV0



#48

2-Hexanone

Concen: 4.889 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV016658.D

Acq: 08 Jun 2020 14:38

Tgt Ion: 43 Resp: 9915

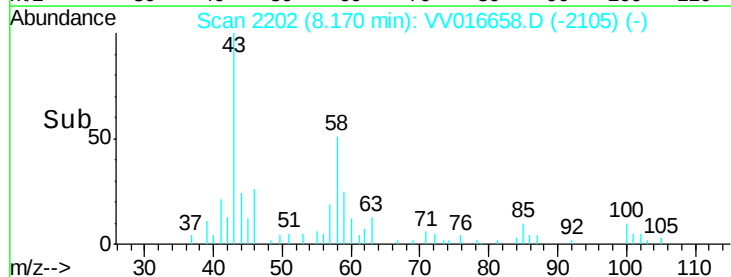
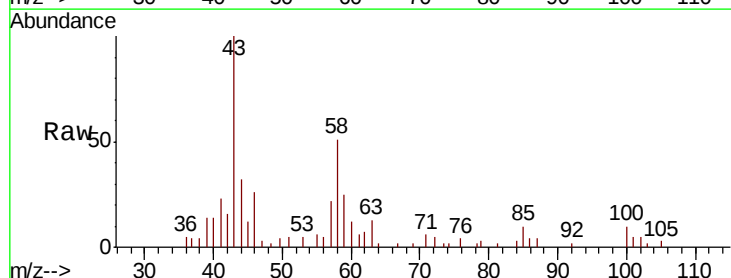
Ion	Ratio	Lower	Upper
43	100		
58	58.6	43.1	64.7
57	17.4	15.3	22.9
100	12.3	10.0	15.0

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

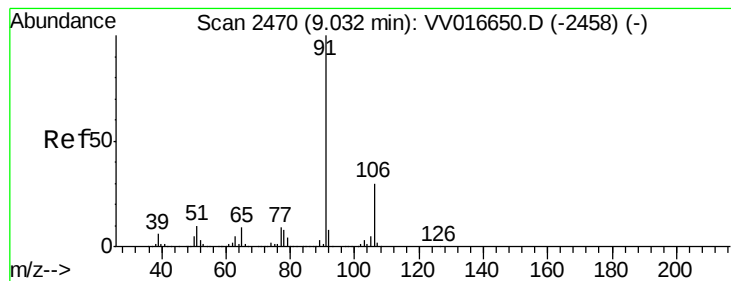


Abundance Ion 43.00 (42.70 to 43.70): VV0

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



#52

Ethylbenzene

Concen: 0.581 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016658.D

Acq: 08 Jun 2020 14:38

Instrument :
MSVOA_V
ClientSampleId :
F9E28

Tot Ion: 91 Resp: 4815

Ion Ratio Lower Upper

91 100

106 35.6 21.1 39.1

