

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016874.D
 Acq On : 12 Jun 2020 13:14
 Operator : SY/MD
 Sample : L2848-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AH4

Quant Time: Jun 13 01:41:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359689	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340615	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	170334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	109077	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.96%
7) Chloroethane-d5	1.56	69	77191	50.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.38%
11) 1,1-Dichloroethene-d2	2.12	63	146733	34.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.86%
21) 2-Butanone-d5	3.89	46	159810	85.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.07%
24) Chloroform-d	4.37	84	225841	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
26) 1,2-Dichloroethane-d4	5.05	65	166736	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
32) Benzene-d6	5.07	84	444008	45.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.44%
36) 1,2-Dichloropropane-d6	6.09	67	137376	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.76%
41) Toluene-d8	7.33	98	415136	46.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.14%
43) trans-1,3-Dichloropropene-	7.64	79	69858	43.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.64%
47) 2-Hexanone-d5	8.11	63	89834	67.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	67.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	165641	40.88	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	179032	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%

Target Compounds

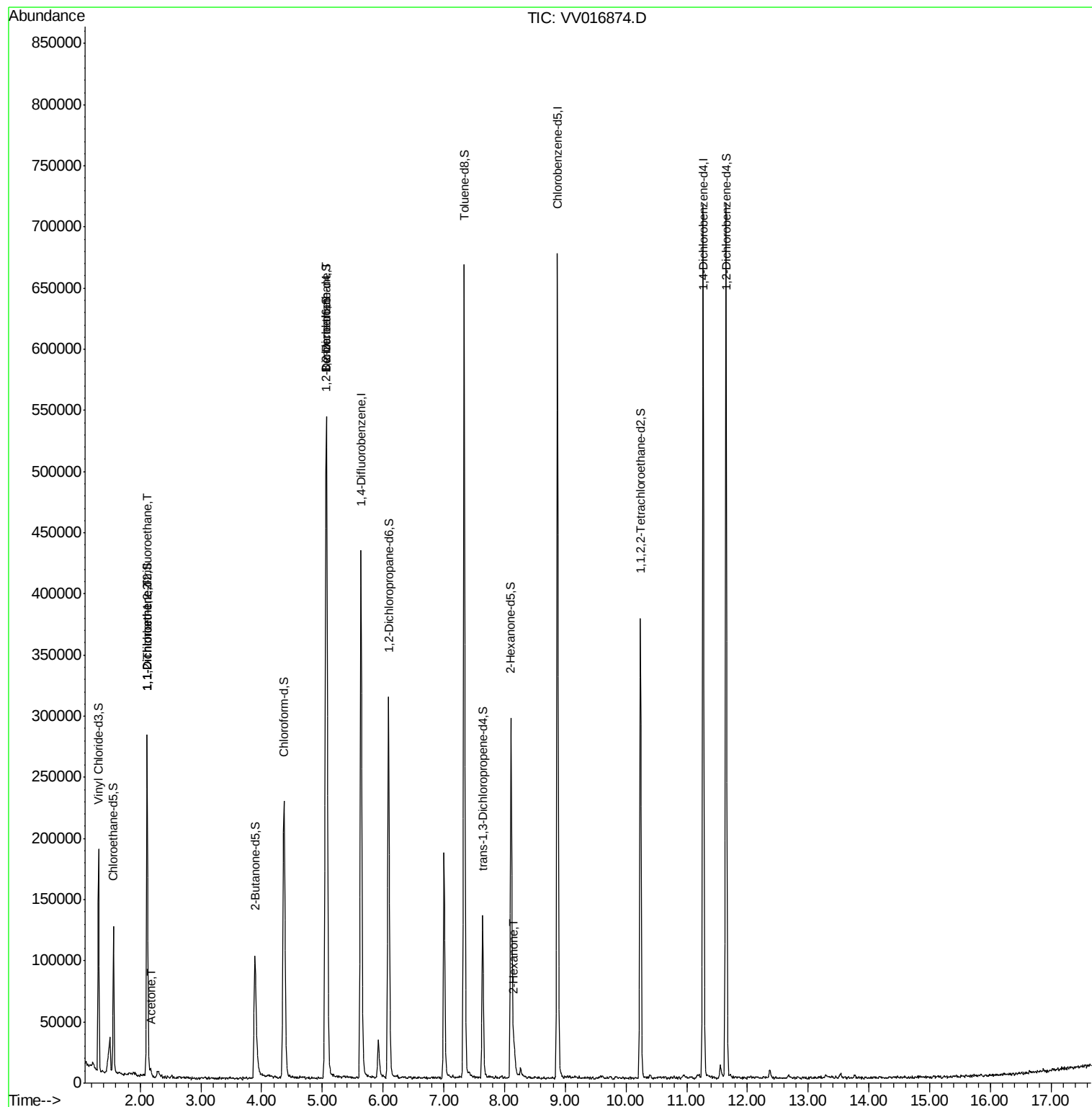
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1797	0.940 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1337	0.749 ug/L #	1
13) Acetone	2.17	43	4777	3.860 ug/L	90
27) 1,2-Dichloroethane	5.07	62	3656	0.926 ug/L	98
48) 2-Hexanone	8.16	43	14839	5.153 ug/L #	80

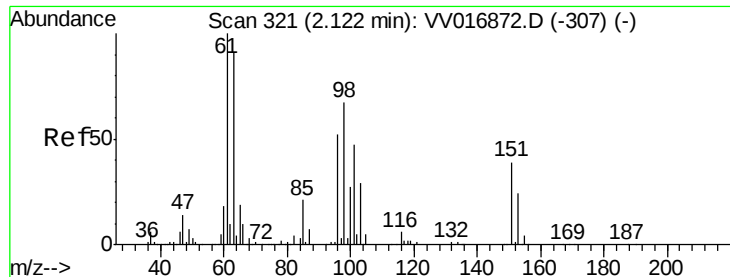
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 01:34:58 2020
Response via : Initial Calibration





#10

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

Concen: 0.940 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016874.D

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Instrument :

MSVOA_V

ClientSampleId :

C0AH4

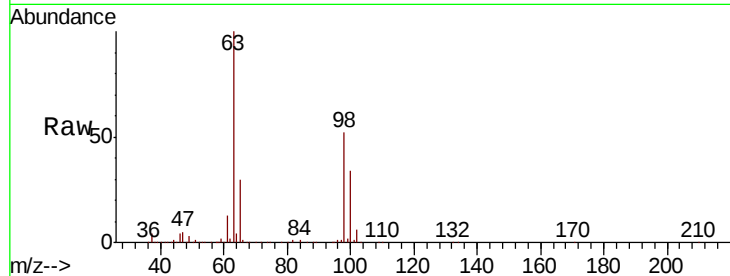
Tot Ion:101 Resp: 1797

Ion Ratio Lower Upper

101 100

85 2.7 35.5 53.3#

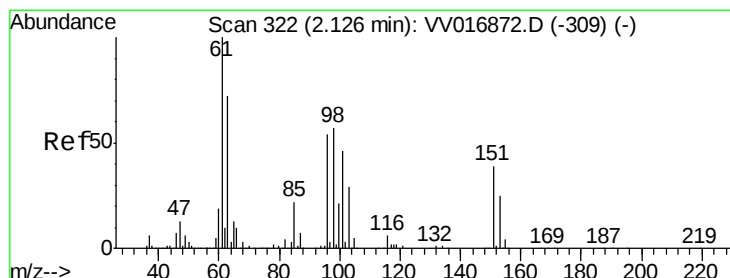
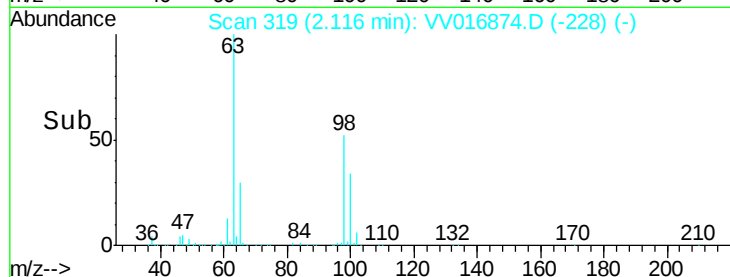
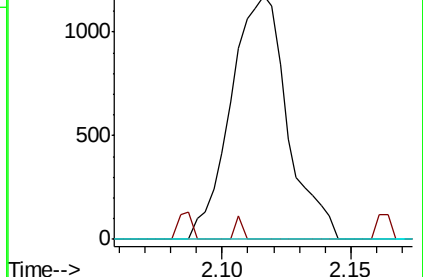
151 0.0 63.9 95.9#



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: 0.749 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016874.D

Acq: 12 Jun 2020 13:14

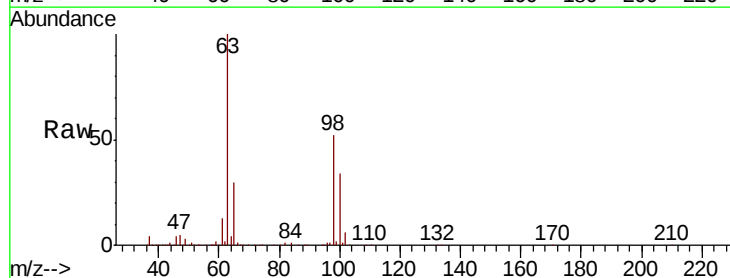
Tgt Ion: 96 Resp: 1337

Ion Ratio Lower Upper

96 100

61 1275.7 130.4 242.2#

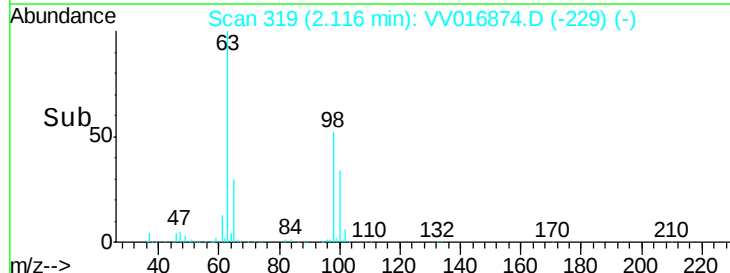
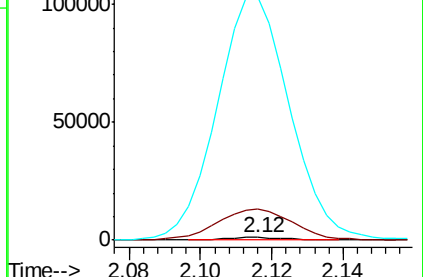
63 9933.8 103.3 191.9#

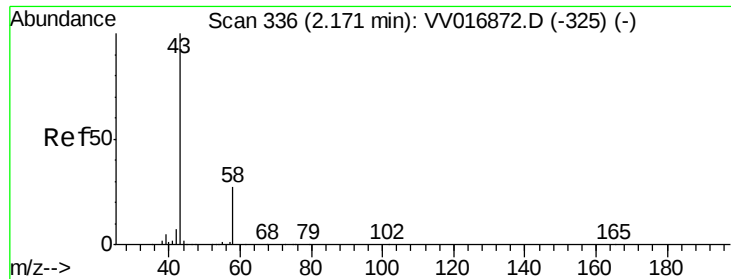


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.860 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016874.D

Acq: 12 Jun 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

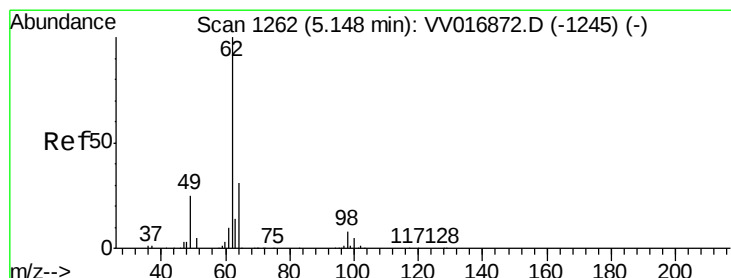
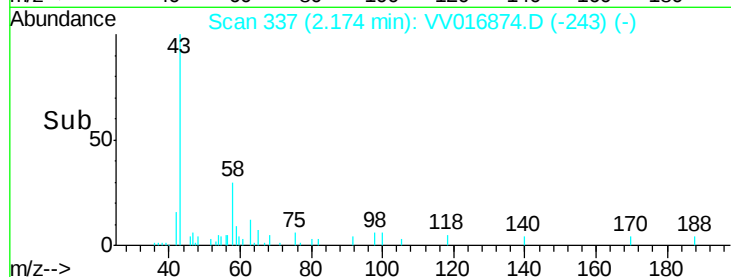
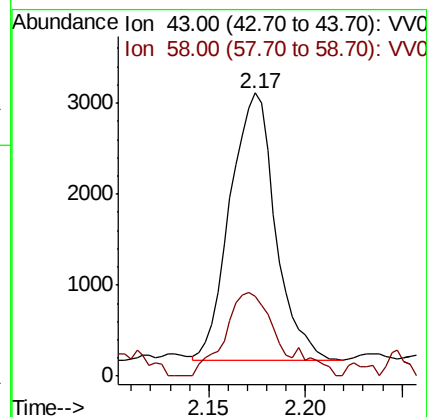
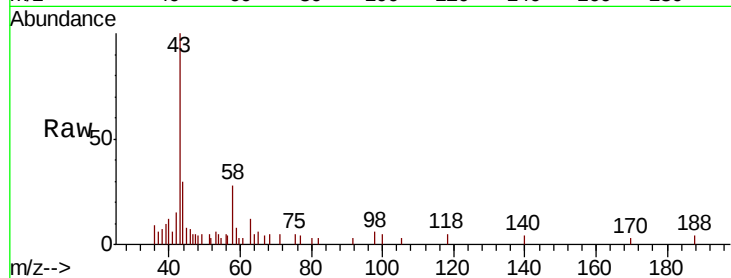
C0AH4

Tot Ion: 43 Resp: 4777

Ion Ratio Lower Upper

43 100

58 33.0 0.0 55.2



#27

1,2-Dichloroethane

Concen: 0.926 ug/L

RT: 5.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: VV016874.D

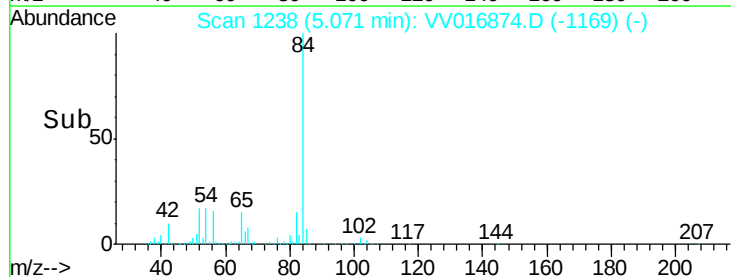
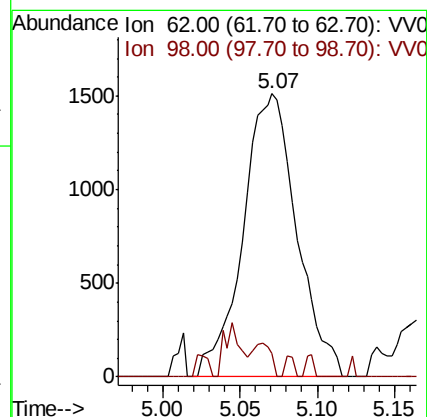
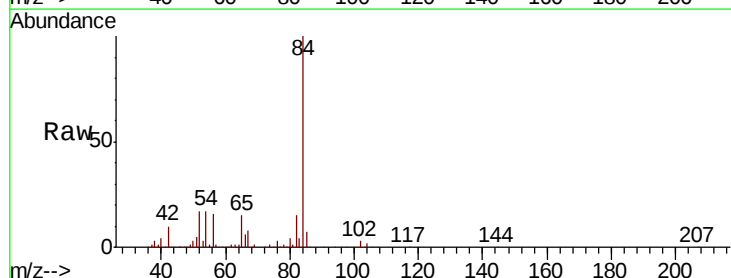
Acq: 12 Jun 2020 13:14

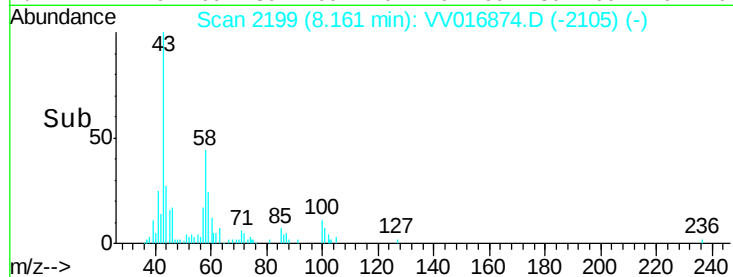
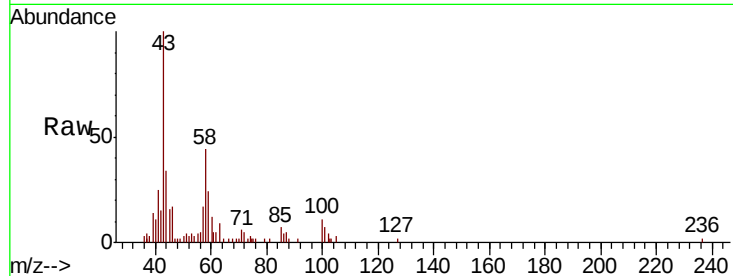
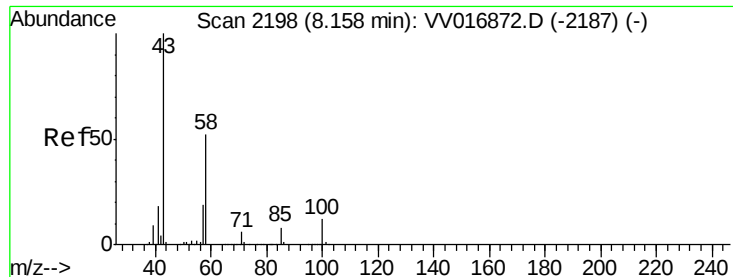
Tgt Ion: 62 Resp: 3656

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.2





#48

2-Hexanone

Concen: 5.153 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016874.D

Acq: 12 Jun 2020 13:14

Instrument :

MSVOA_V

ClientSampleId :

C0AH4

Tot Ion: 43 Resp: 14839

Ion Ratio Lower Upper

43 100

58 36.2 43.1 64.7#

57 11.9 15.3 22.9#

100 10.2 10.0 15.0

