

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016729.D
 Acq On : 09 Jun 2020 20:00
 Operator : SY/MD
 Sample : L2901-04DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR4DL

Quant Time: Jun 10 03:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	376673	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357302	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169768	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	78065	29.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.74%#
7) Chloroethane-d5	1.56	69	64725	40.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.16%
11) 1,1-Dichloroethene-d2	2.12	63	119246	26.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.44%#
21) 2-Butanone-d5	3.89	46	187252	95.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.19%
24) Chloroform-d	4.37	84	218017	40.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.68%
26) 1,2-Dichloroethane-d4	5.05	65	157545	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
32) Benzene-d6	5.07	84	416533	40.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.88%
36) 1,2-Dichloropropane-d6	6.09	67	134681	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.90%
41) Toluene-d8	7.34	98	374314	39.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.20%#
43) trans-1,3-Dichloropropene-	7.64	79	64127	38.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.70%
47) 2-Hexanone-d5	8.11	63	116951	83.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.55%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	184810	43.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	162425	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%

Target Compounds

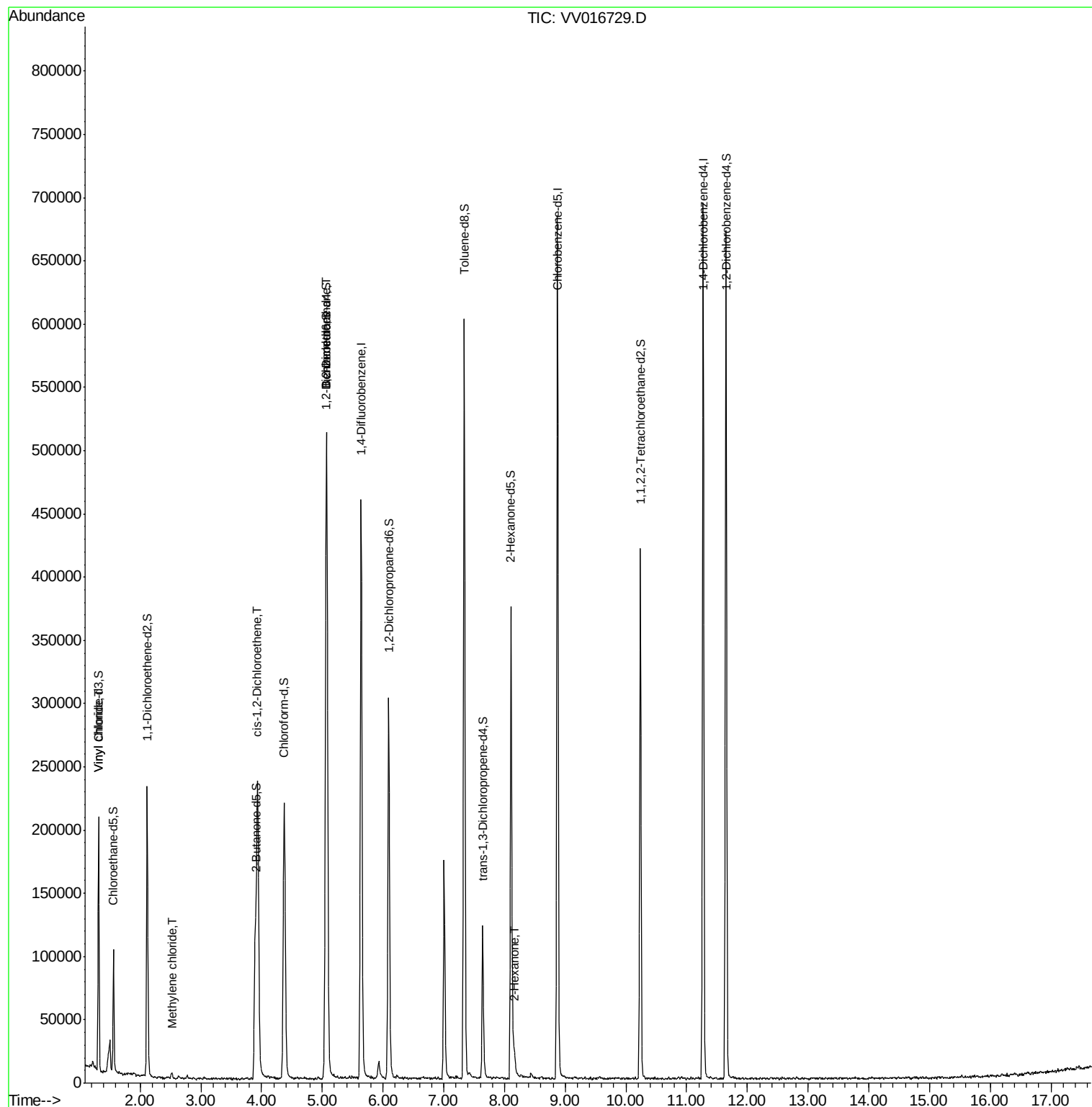
					Ovalue
5) Vinyl chloride	1.32	62	46921	17.471	ug/L 95
16) Methylene chloride	2.52	84	1906	0.695	ug/L 85
20) cis-1,2-Dichloroethene	3.94	96	119498	43.001	ug/L 97
27) 1,2-Dichloroethane	5.08	62	3056	0.739	ug/L 98
48) 2-Hexanone	8.16	43	10108	3.346	ug/L # 87

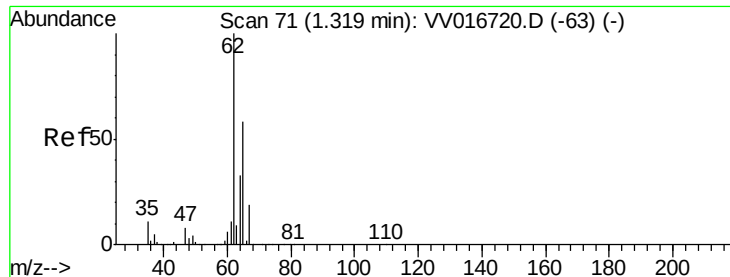
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 17.471 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

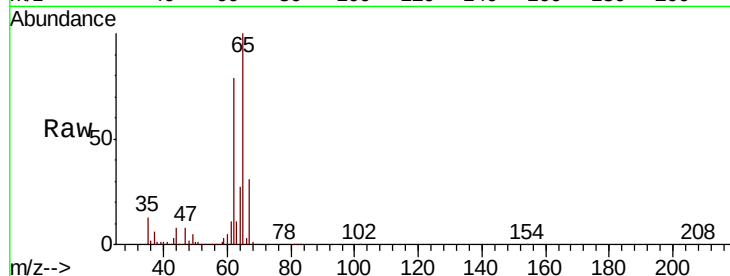
ETTR4DL

Tot Ion: 62 Resp: 46921

Ion Ratio Lower Upper

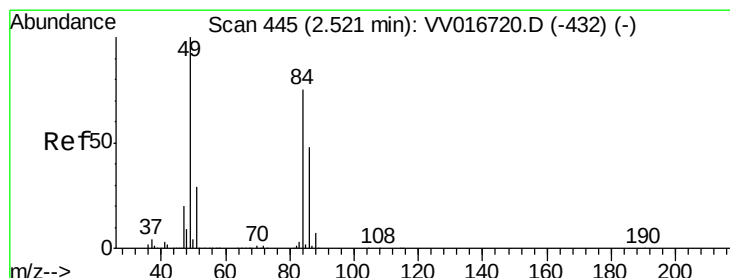
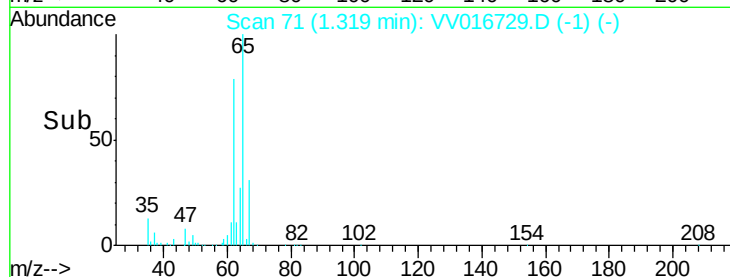
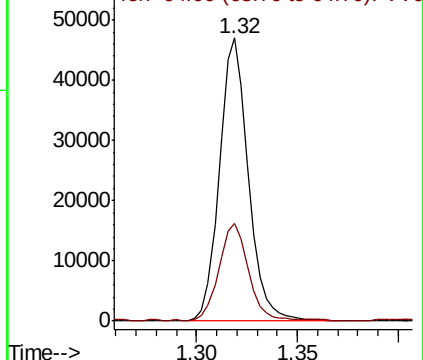
62 100

64 34.6 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#16

Methylene chloride

Concen: 0.695 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV016729.D

Acq: 09 Jun 2020 20:00

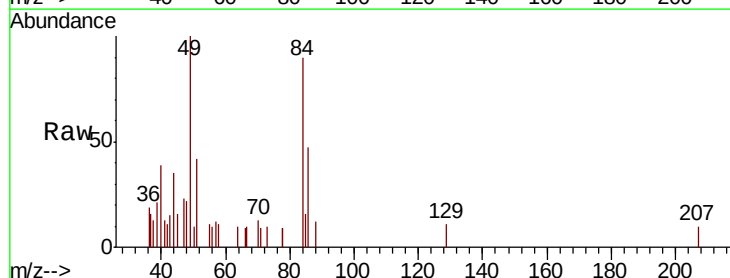
Tgt Ion: 84 Resp: 1906

Ion Ratio Lower Upper

84 100

86 52.3 44.0 81.8

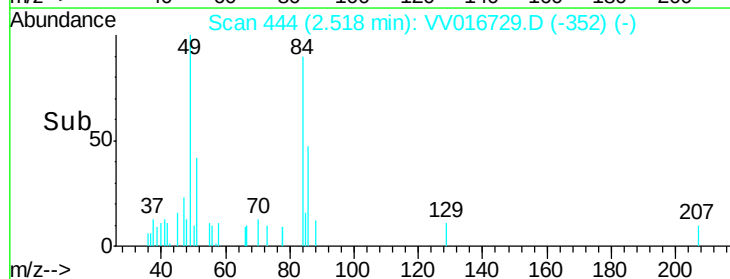
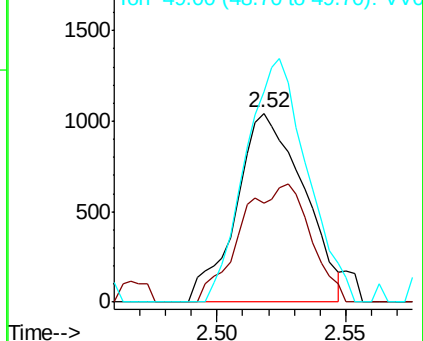
49 111.0 90.9 168.9

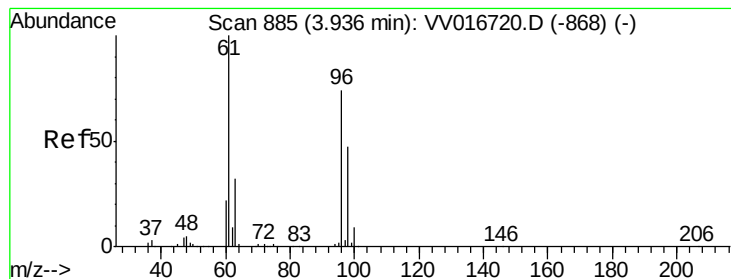


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 43.001 ug/L

RT: 3.94 min Scan# 885

Delta R.T. -0.00 min

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ETTR4DL

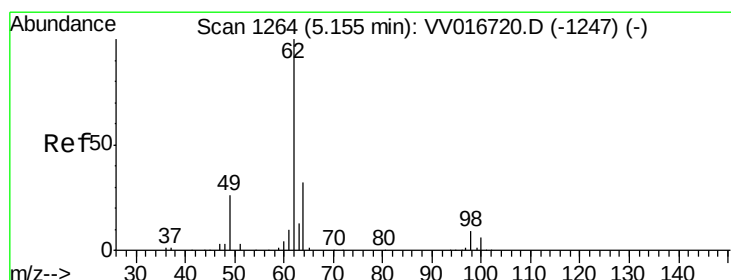
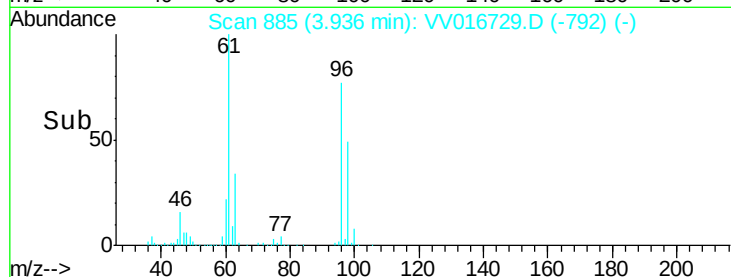
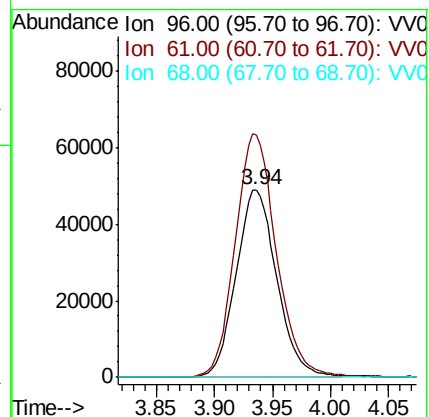
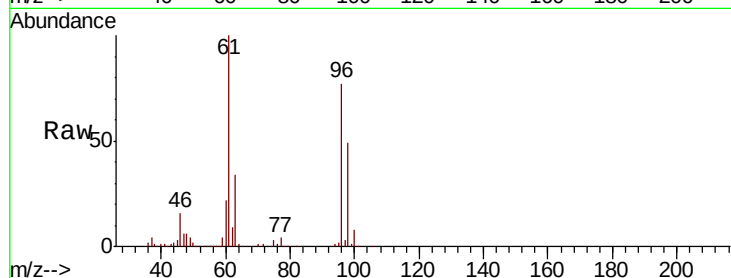
Tot Ion: 96 Resp: 119498

Ion Ratio Lower Upper

96 100

61 129.3 93.4 173.4

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.739 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV016729.D

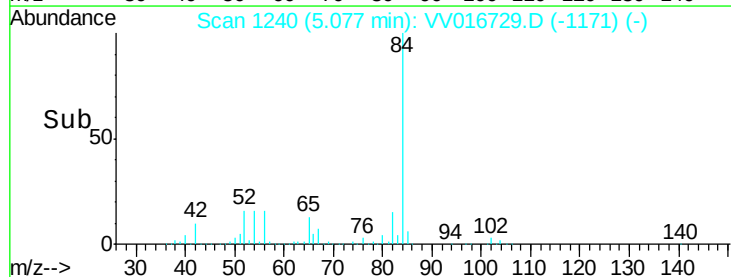
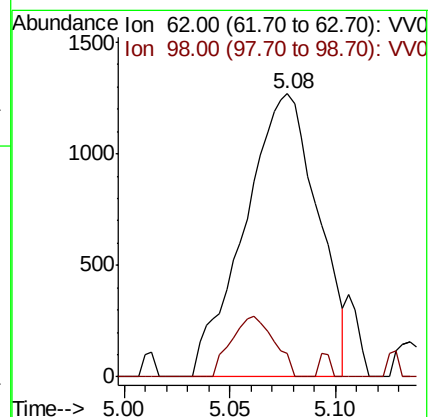
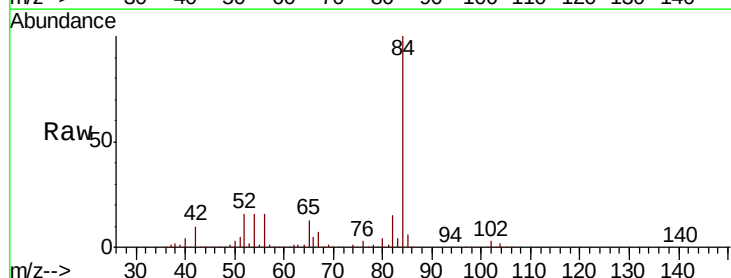
Acq: 09 Jun 2020 20:00

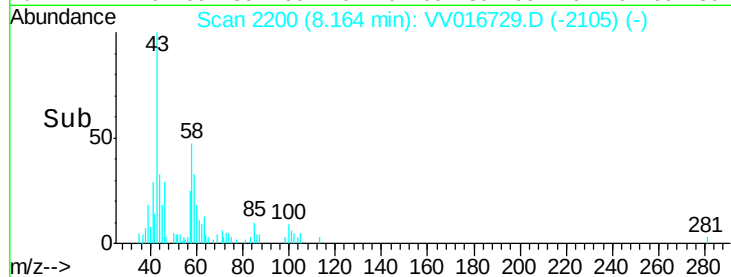
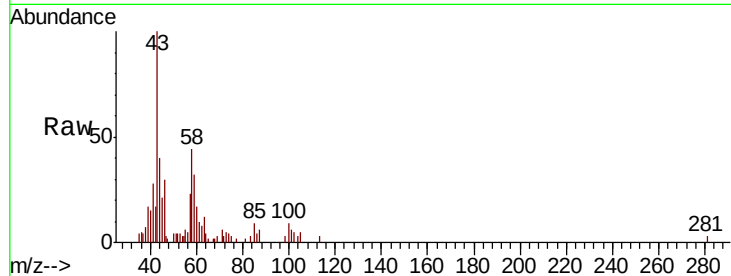
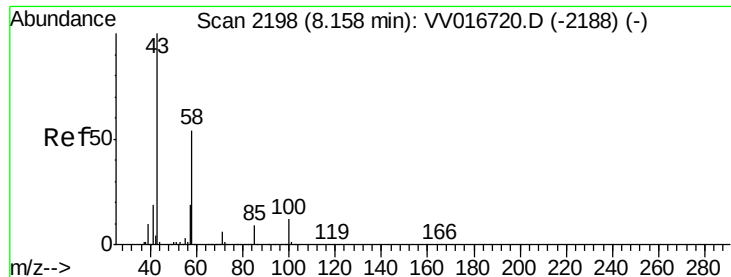
Tgt Ion: 62 Resp: 3056

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.2





#48

2-Hexanone

Concen: 3.346 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016729.D

Acq: 09 Jun 2020 20:00

Instrument :

MSVOA_V

ClientSampleId :

ETTR4DL

Tot Ion: 43 Resp: 10108

Ion Ratio Lower Upper

43 100

58 46.5 43.1 64.7

57 6.7 15.3 22.9#

100 10.2 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

