

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061020\
 Data File : VV016781.D
 Acq On : 10 Jun 2020 20:01
 Operator : SY/MD
 Sample : L2901-04DL 200X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR4DL

Quant Time: Jun 11 01:10:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 01:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	359507	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338209	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167099	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	104471	41.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.36%
7) Chloroethane-d5	1.56	69	72817	47.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.68%
11) 1,1-Dichloroethene-d2	2.12	63	138767	32.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.16%
21) 2-Butanone-d5	3.89	46	161210	85.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.86%
24) Chloroform-d	4.37	84	220108	42.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.34%
26) 1,2-Dichloroethane-d4	5.05	65	155733	44.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.78%
32) Benzene-d6	5.07	84	432087	44.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.64%
36) 1,2-Dichloropropane-d6	6.09	67	133002	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.52%
41) Toluene-d8	7.34	98	387904	43.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.72%
43) trans-1,3-Dichloropropene-	7.64	79	65659	41.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.96%
47) 2-Hexanone-d5	8.11	63	97958	73.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.93%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170049	42.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	163726	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%

Target Compounds

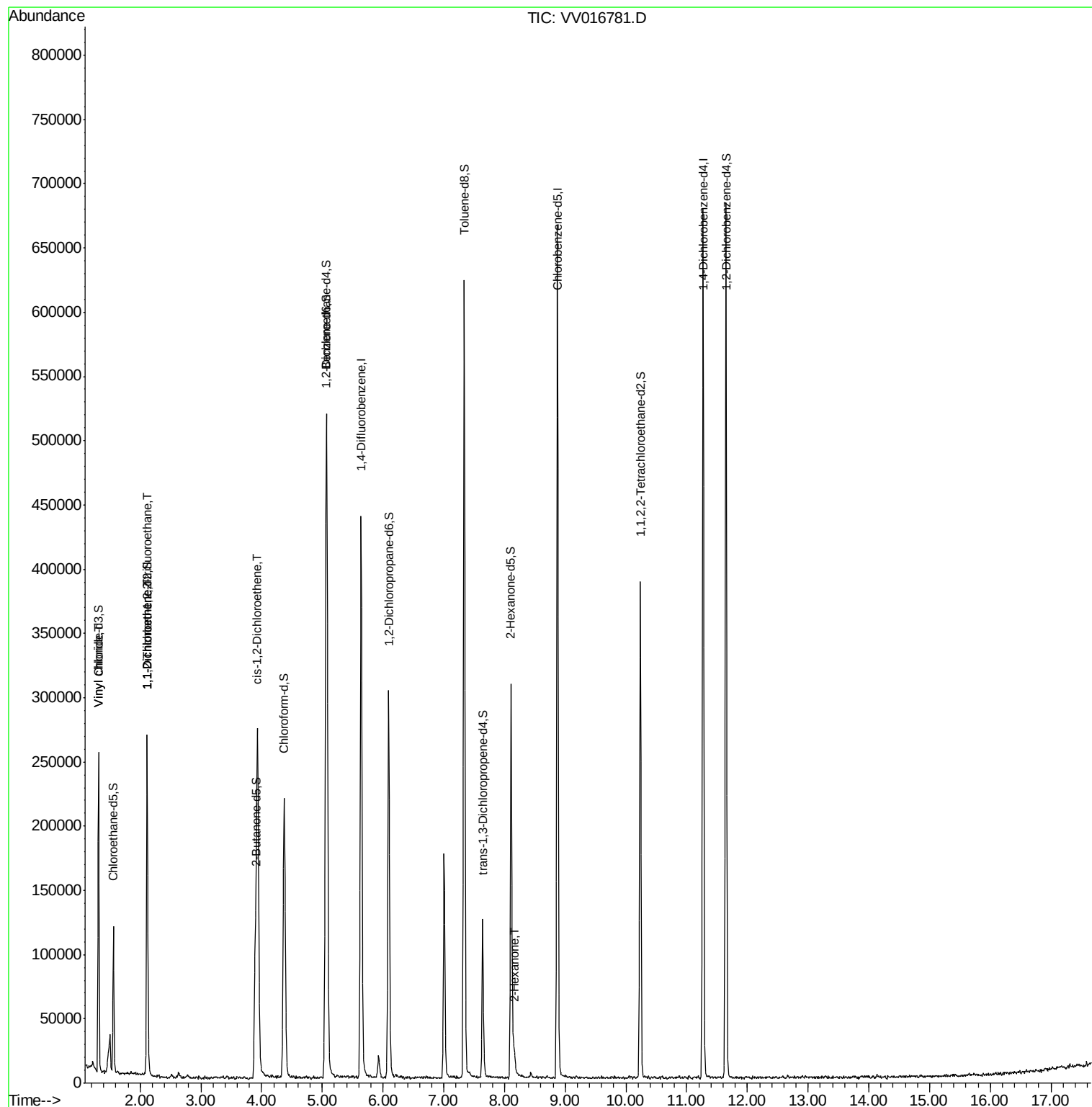
					Ovalue
5) Vinyl chloride	1.32	62	52622	20.530	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1227	0.642	ug/L # 26
12) 1,1-Dichloroethene	2.12	96	1405	0.787	ug/L # 1
20) cis-1,2-Dichloroethene	3.94	96	136259	51.374	ug/L 99
48) 2-Hexanone	8.16	43	11645	4.073	ug/L # 71

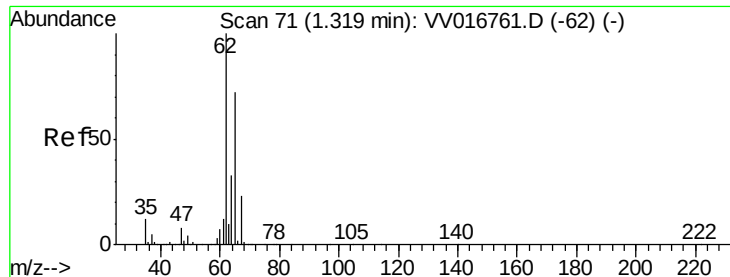
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 01:04:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 20.530 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016781.D

Acq: 10 Jun 2020 20:01

Instrument :

MSVOA_V

ClientSampleId :

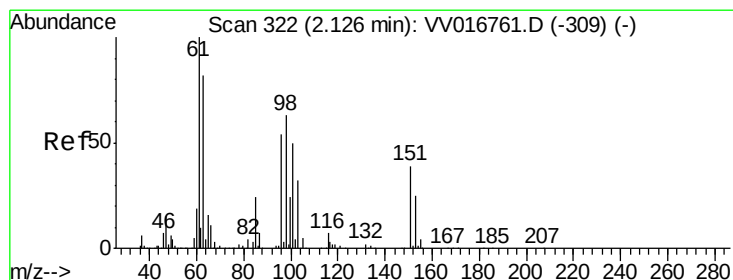
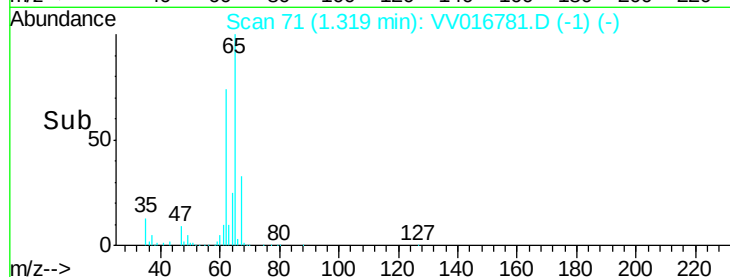
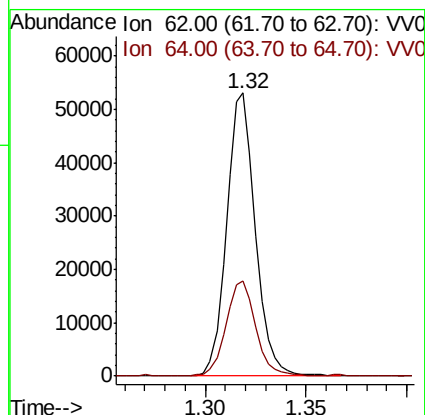
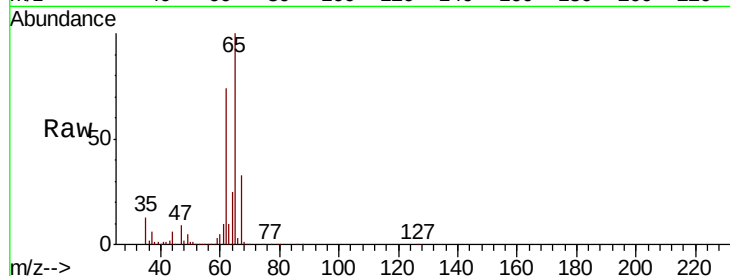
ETTR4DL

Tot Ion: 62 Resp: 52622

Ion Ratio Lower Upper

62 100

64 33.6 22.3 41.5



#10

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

Concen: 0.642 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016781.D

Acq: 10 Jun 2020 20:01

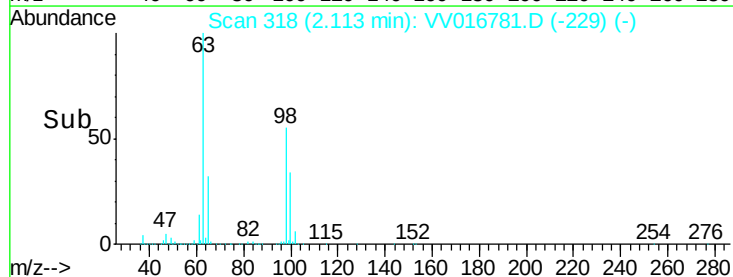
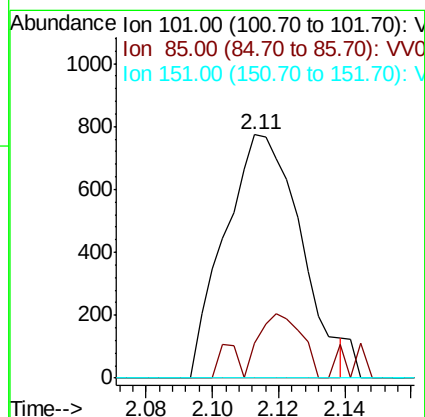
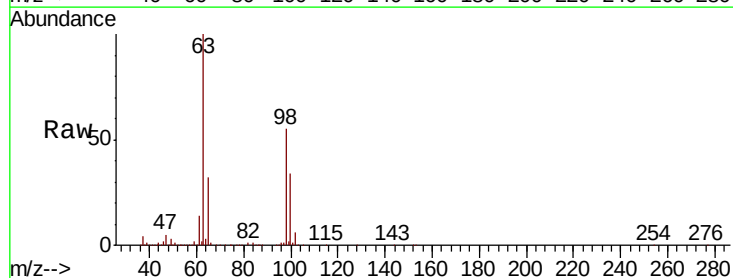
Tgt Ion: 101 Resp: 1227

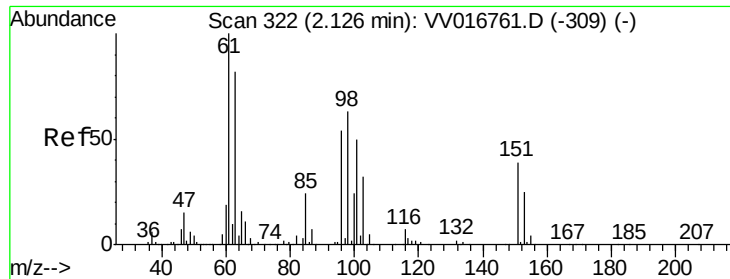
Ion Ratio Lower Upper

101 100

85 14.9 35.5 53.3#

151 0.0 63.9 95.9#

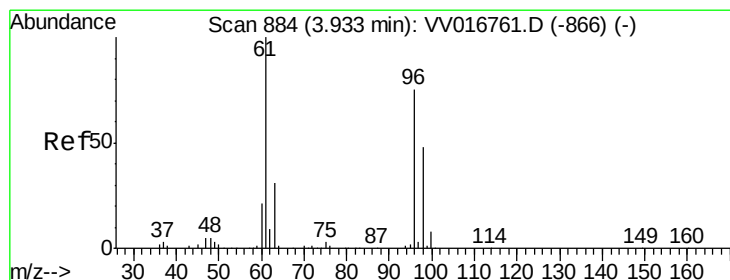
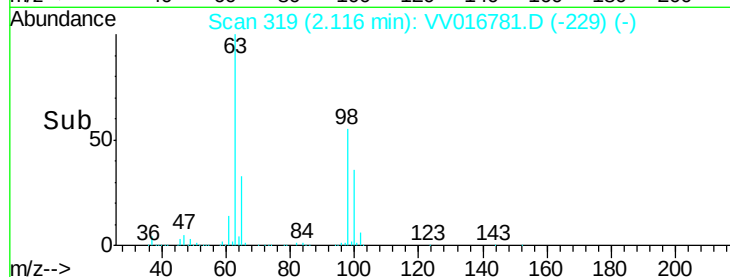
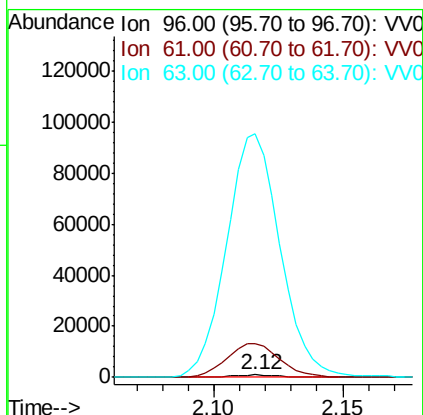
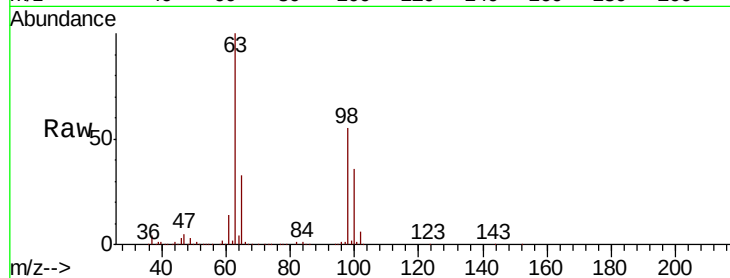




#12
 1,1-Dichloroethene
 Concen: 0.787 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VV016781.D
 Acq: 10 Jun 2020 20:01

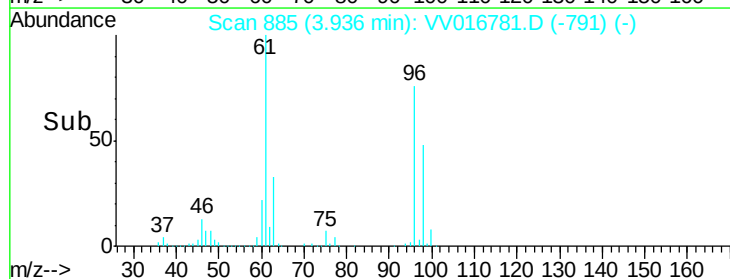
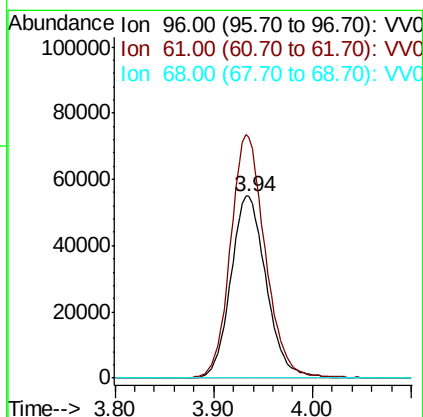
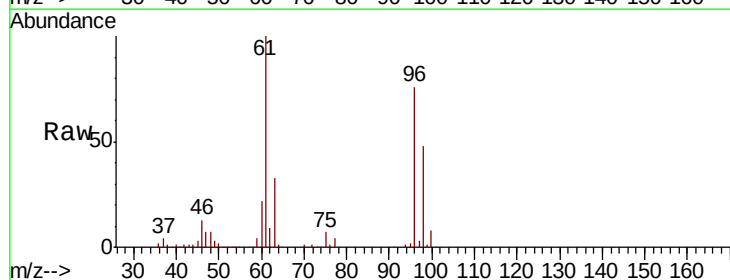
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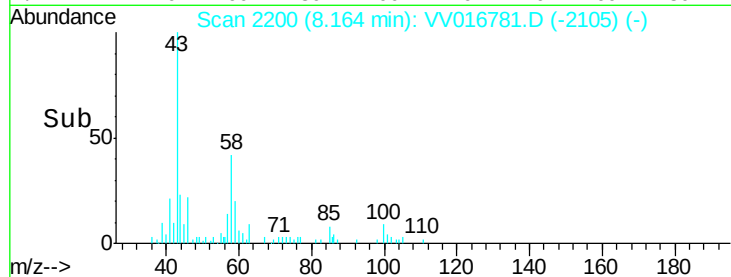
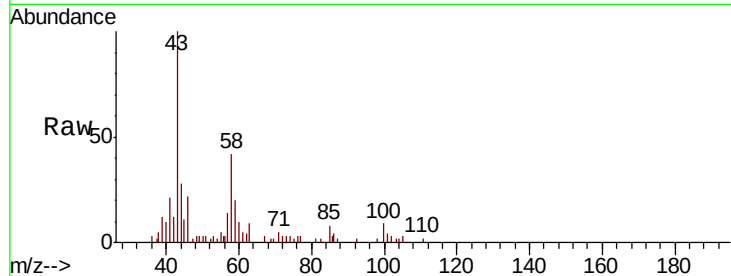
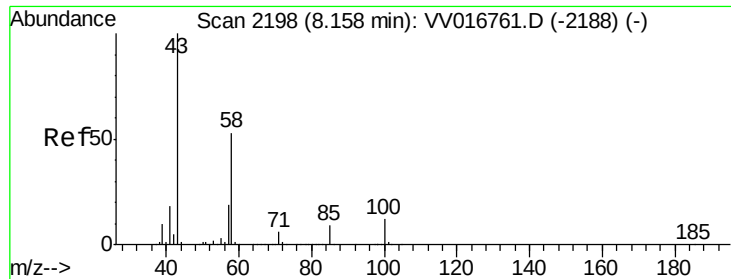
Tot Ion: 96 Resp: 1405
 Ion Ratio Lower Upper
 96 100
 61 1436.8 130.4 242.2#
 63 10304.1 103.3 191.9#



#20
 cis-1,2-Dichloroethene
 Concen: 51.374 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV016781.D
 Acq: 10 Jun 2020 20:01

Tgt Ion: 96 Resp: 136259
 Ion Ratio Lower Upper
 96 100
 61 132.4 93.4 173.4
 68 0.0 0.0 0.0





#48

2-Hexanone

Concen: 4.073 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016781.D

Acq: 10 Jun 2020 20:01

Instrument :

MSVOA_V

ClientSampleId :

ETTR4DL

Tot Ion: 43 Resp: 11645

Ion Ratio Lower Upper

43 100

58 34.2 43.1 64.7#

57 0.0 15.3 22.9#

100 5.6 10.0 15.0#

