

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016814.D
 Acq On : 11 Jun 2020 10:12
 Operator : SY/MD
 Sample : L2901-09DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:29:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355483	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	338765	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169700	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	97043	38.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.38%
7) Chloroethane-d5	1.56	69	71870	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.50%
11) 1,1-Dichloroethene-d2	2.12	63	140138	33.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.54%
21) 2-Butanone-d5	3.89	46	163925	88.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.30%
24) Chloroform-d	4.37	84	220976	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
26) 1,2-Dichloroethane-d4	5.05	65	160189	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
32) Benzene-d6	5.07	84	431799	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
36) 1,2-Dichloropropane-d6	6.09	67	134254	44.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.20%
41) Toluene-d8	7.33	98	398945	44.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.04%
43) trans-1,3-Dichloropropene-	7.64	79	68133	42.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.96%
47) 2-Hexanone-d5	8.11	63	101300	76.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.33%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	174835	43.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.78%
64) 1,2-Dichlorobenzene-d4	11.65	152	170946	47.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

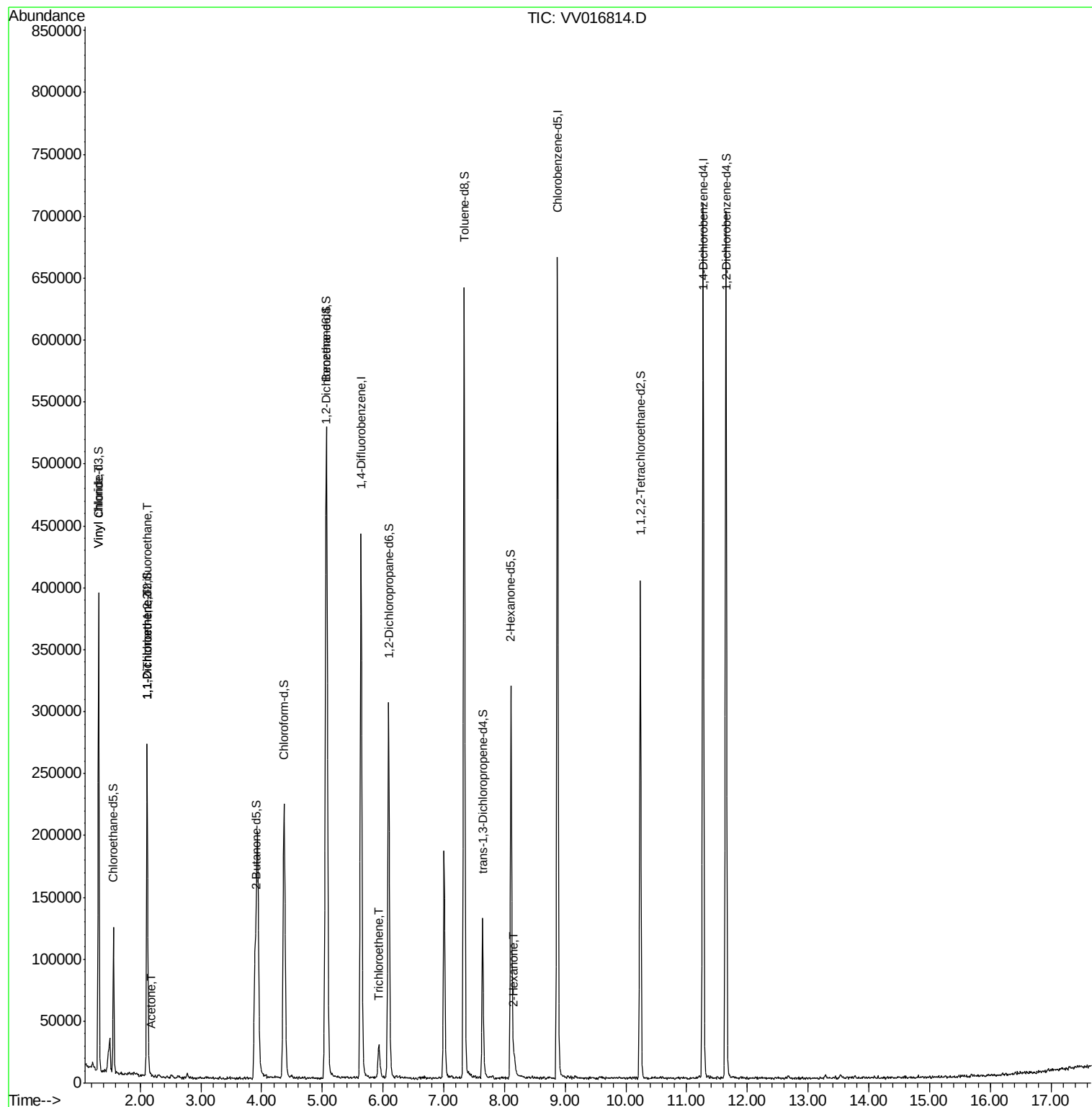
					Ovalue
5) Vinyl chloride	1.32	62	142525	56.233	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1210	0.640	ug/L # 26
12) 1,1-Dichloroethene	2.12	96	2385	1.352	ug/L # 1
13) Acetone	2.18	43	1457	1.191	ug/L 67
34) Trichloroethene	5.94	95	5233	1.947	ug/L 84
48) 2-Hexanone	8.16	43	6848	2.391	ug/L # 93

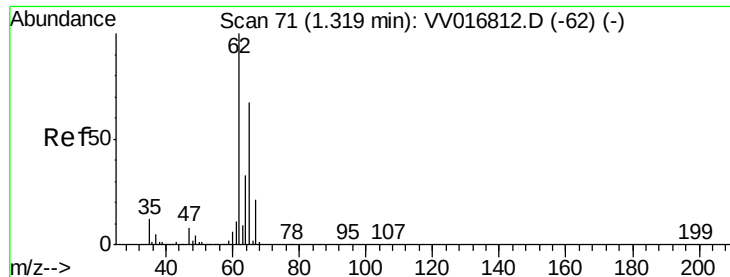
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 56.233 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016814.D

Acq: 11 Jun 2020 10:12

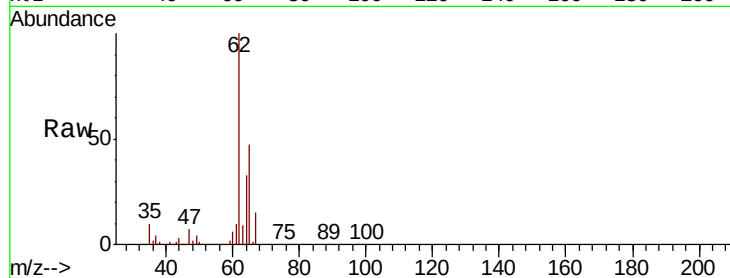
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 142525

Ion Ratio Lower Upper

62 100

64 33.0 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV016812.D (-62) (-)

Ion 64.00 (63.70 to 64.70): VV016812.D (-62) (-)

1.32

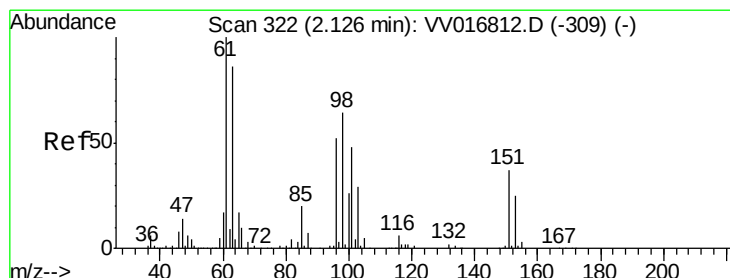
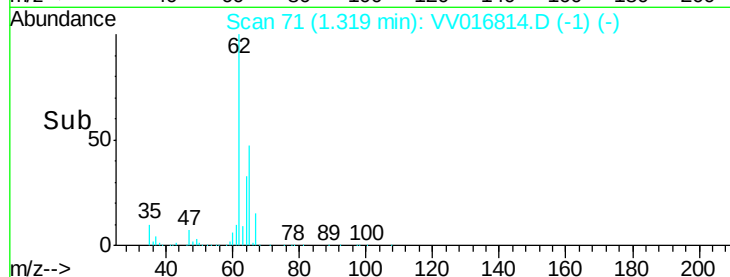
150000

100000

50000

0

Time-->



#10

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

Concen: 0.640 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016814.D

Acq: 11 Jun 2020 10:12

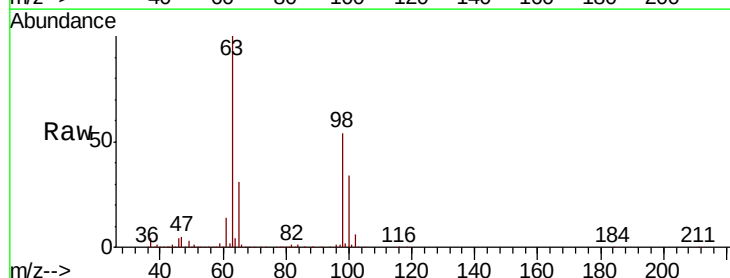
Tgt Ion:101 Resp: 1210

Ion Ratio Lower Upper

101 100

85 10.2 35.5 53.3#

151 3.7 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016812.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV016812.D (-309) (-)

Ion 151.00 (150.70 to 151.70): VV016812.D (-309) (-)

2.12

1000

800

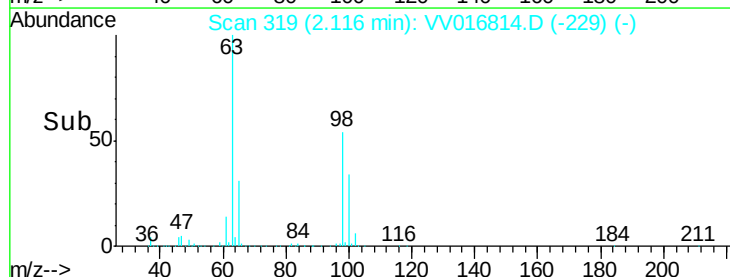
600

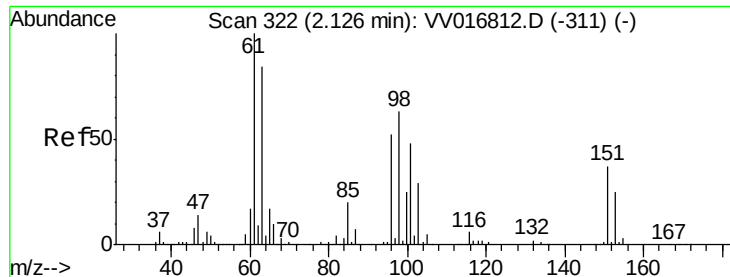
400

200

0

Time-->

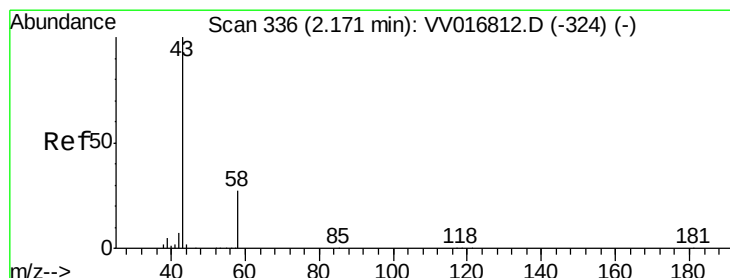
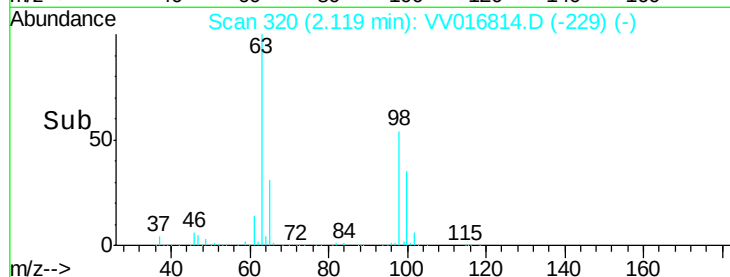
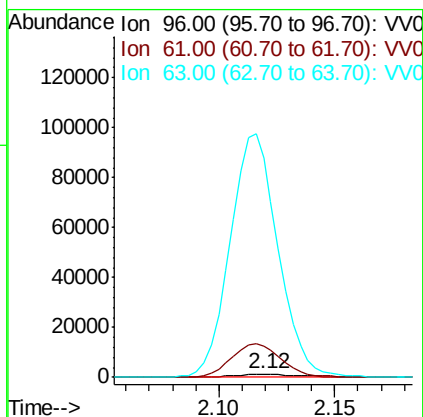
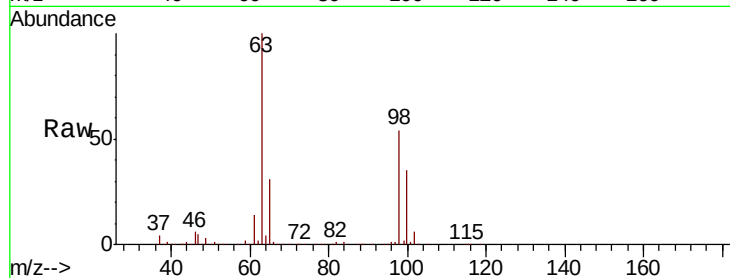




#12
 1,1-Dichloroethene
 Concen: 1.352 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV016814.D
 Acq: 11 Jun 2020 10:12

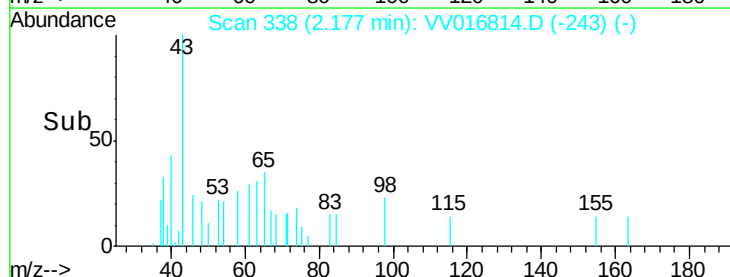
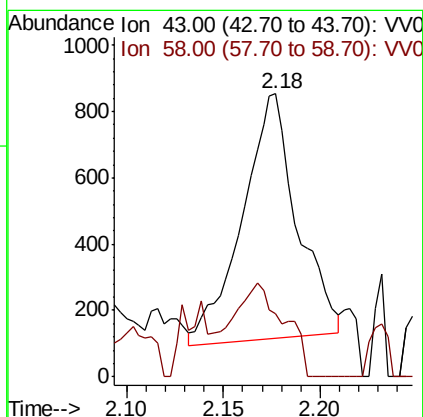
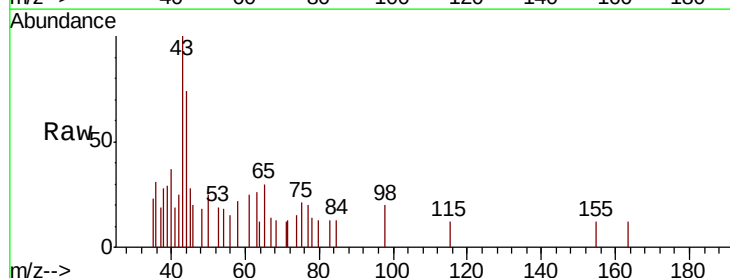
Instrument :
 MSVOA_V
 ClientSampled :

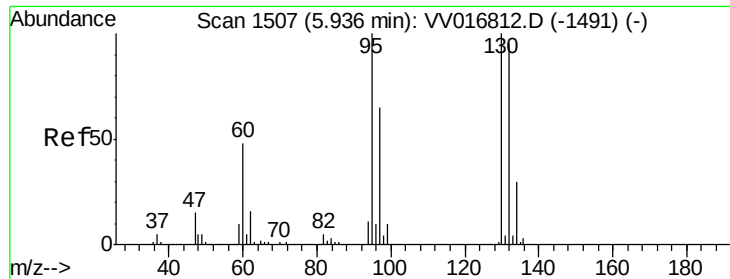
Tot Ion: 96 Resp: 2385
 Ion Ratio Lower Upper
 96 100
 61 1054.9 130.4 242.2#
 63 7375.8 103.3 191.9#



#13
 Acetone
 Concen: 1.191 ug/L
 RT: 2.18 min Scan# 338
 Delta R.T. 0.01 min
 Lab File: VV016814.D
 Acq: 11 Jun 2020 10:12

Tgt Ion: 43 Resp: 1457
 Ion Ratio Lower Upper
 43 100
 58 10.2 0.0 55.2

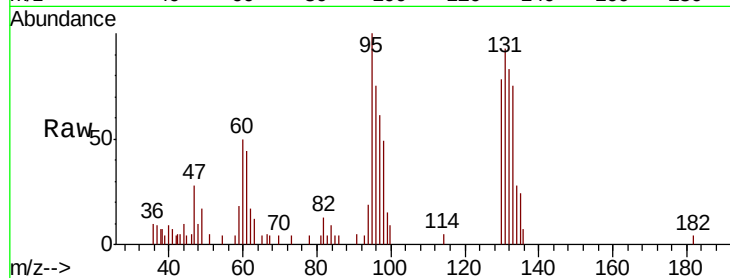




#34
 Trichloroethene
 Concen: 1.947 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV016814.D
 Acq: 11 Jun 2020 10:12

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:	95	Resp:	5233
Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.3	82.3
132	83.0	67.9	126.1
130	77.8	72.2	134.2



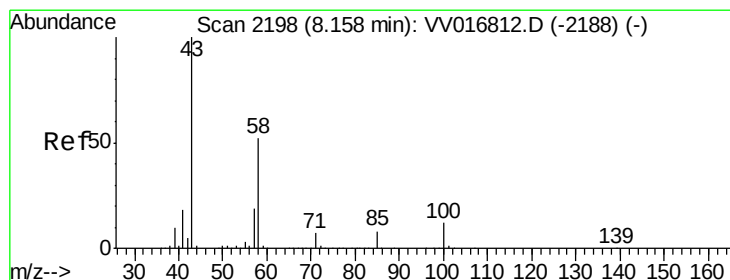
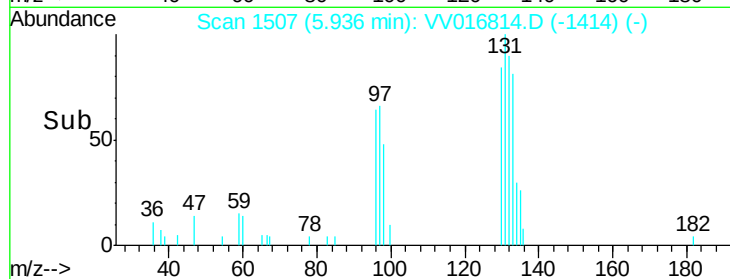
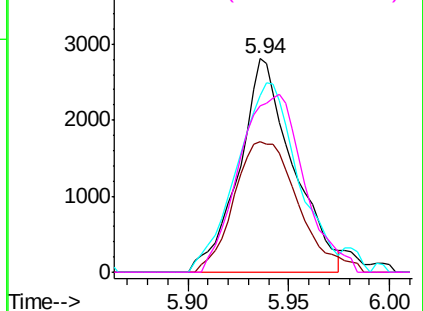
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

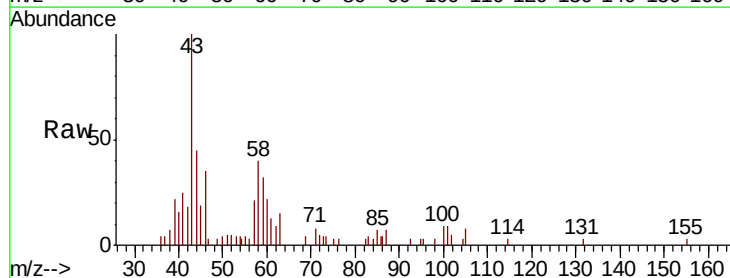
Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#48
 2-Hexanone
 Concen: 2.391 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV016814.D
 Acq: 11 Jun 2020 10:12

Tgt Ion:	43	Resp:	6848
Ion	Ratio	Lower	Upper
43	100		
58	49.6	43.1	64.7
57	23.7	15.3	22.9#
100	16.0	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

