

Data File : VV012287.D
Acq On : 19 Aug 2019 19:56
Operator : SY/MD
Sample : K4395-08
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AJ6

Quant Time: Aug 20 02:38:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 20 02:35:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	170004	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	49846	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55162	6.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.00%
7) Chloroethane-d5	1.58	69	47134	7.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	148.60%#
11) 1,1-Dichloroethene-d2	2.13	63	61390	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.96	46	156536	66.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.68%#
24) Chloroform-d	4.40	84	120999	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.08	65	62226	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	237681	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.12	67	73798	5.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.60%
41) Toluene-d8	7.36	98	189437	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.66	79	24843	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	79456	47.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	25415	2.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	53.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	50434	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Qvalue	
3) Chloromethane	1.25	50	1293	0.122	ug/L	83
6) Bromomethane	1.54	94	503	0.087	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	611	0.070	ug/L #	14
12) 1,1-Dichloroethene	2.13	96	706	0.090	ug/L #	1
13) Acetone	2.22	43	20485	16.721	ug/L #	60
14) Carbon disulfide	2.32	76	5369	0.248	ug/L	97
15) Methyl Acetate	2.46	43	676	0.278	ug/L #	44
21) 2-Butanone	4.05	43	6108	2.628	ug/L	98
25) Chloroform	4.42	83	2771	0.113	ug/L	82
35) Methylcyclohexane	6.12	83	18296	0.906	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8328	0.774	ug/L #	81
42) Toluene	7.43	91	3701	0.073	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	1433	0.105	ug/L #	22
48) 2-Hexanone	8.19	43	42290	10.399	ug/L #	84
69) Naphthalene	13.56	128	1125	0.081	ug/L #	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081919\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

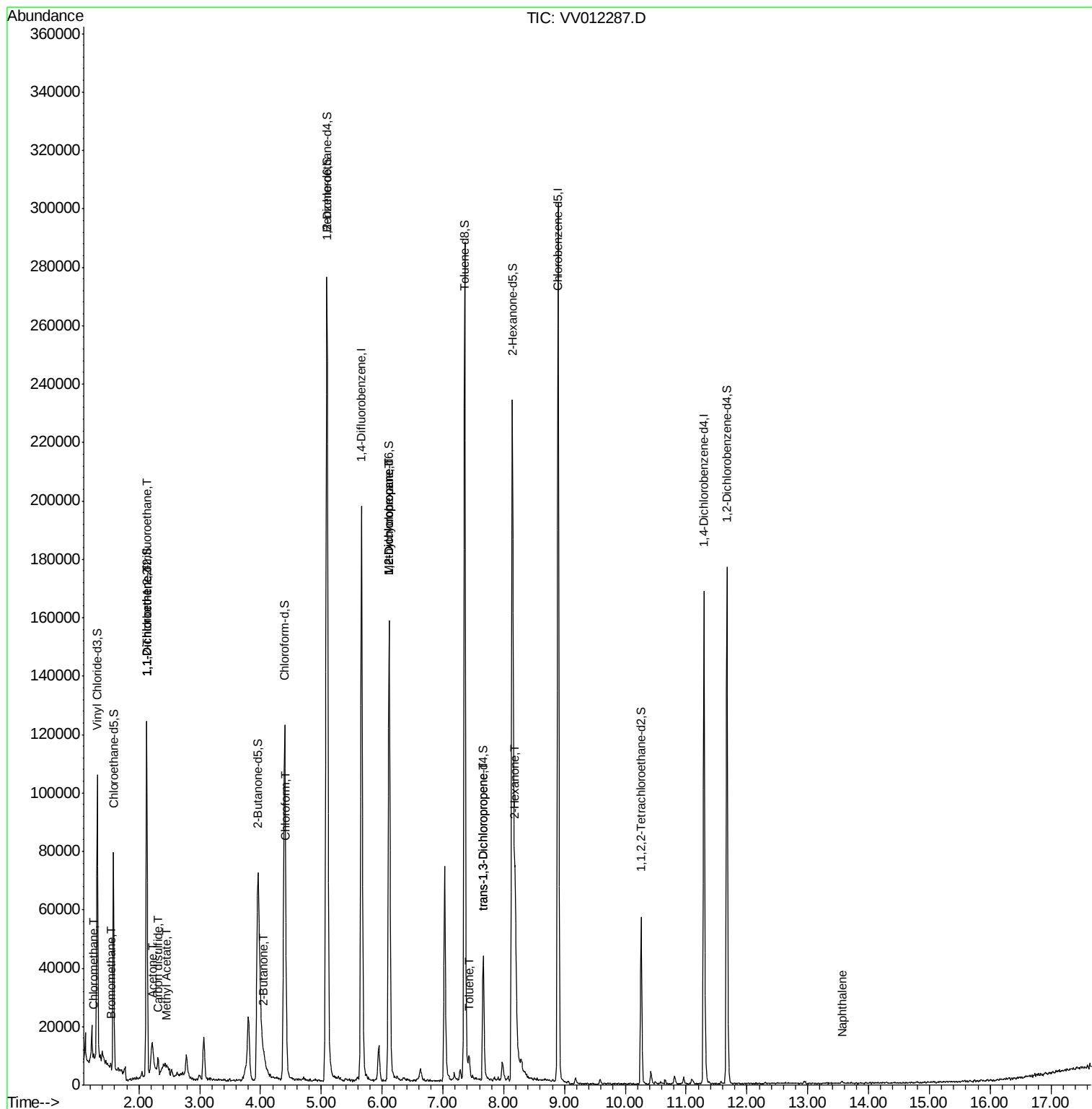
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

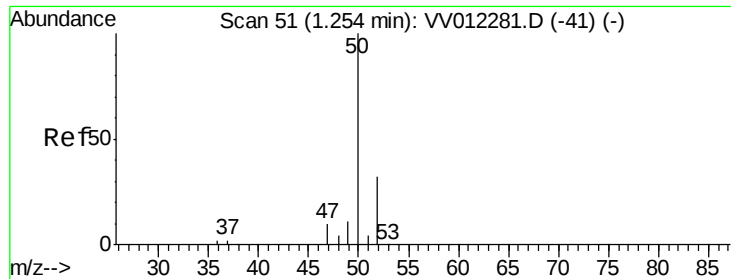
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.122 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012287.D

Acq: 19 Aug 2019 19:56

Instrument :

MSVOA_V

ClientSampled :

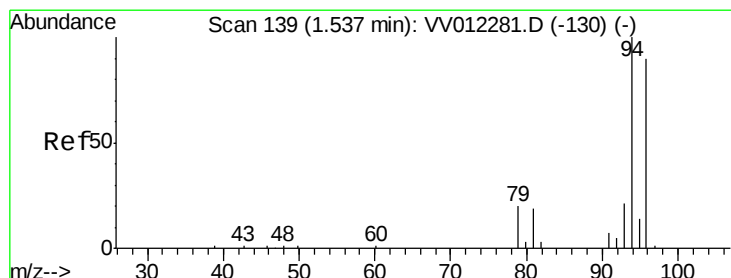
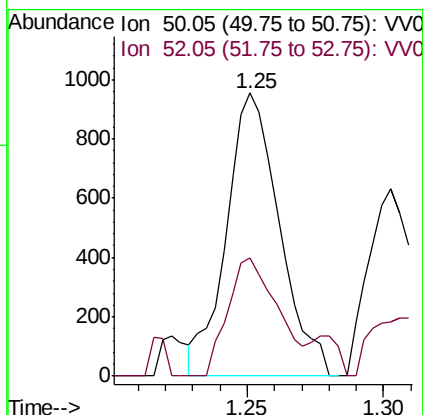
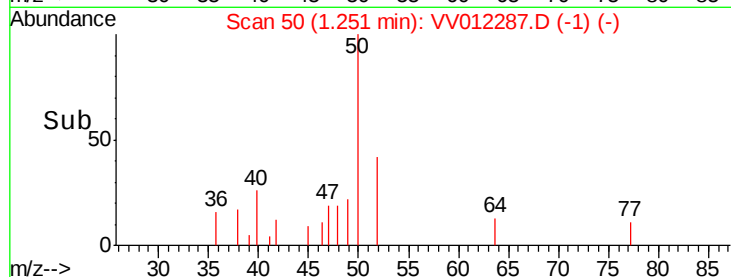
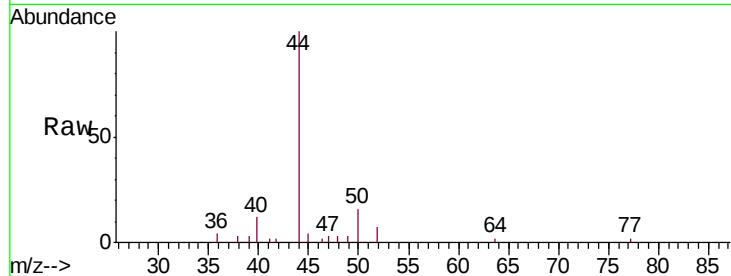
C0AJ6

Tgt Ion: 50 Resp: 1293

Ion Ratio Lower Upper

50 100

52 41.9 22.6 42.0



#6

Bromomethane

Concen: 0.087 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV012287.D

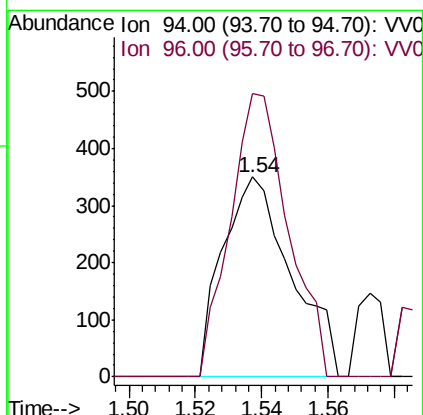
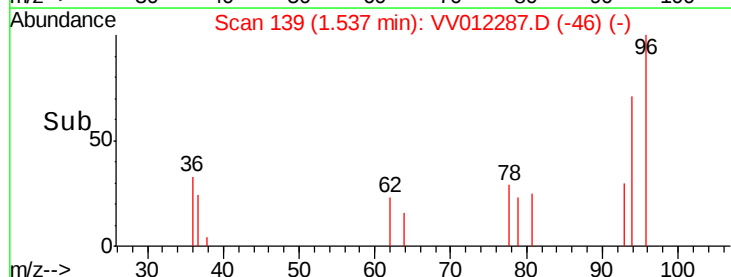
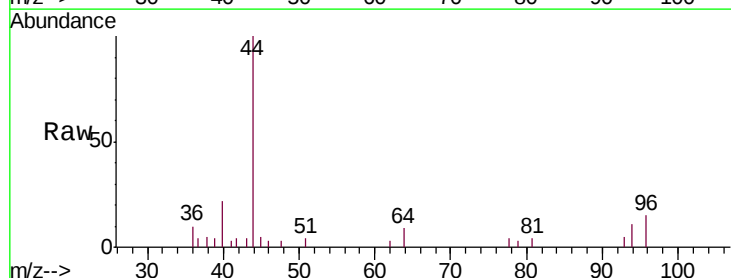
Acq: 19 Aug 2019 19:56

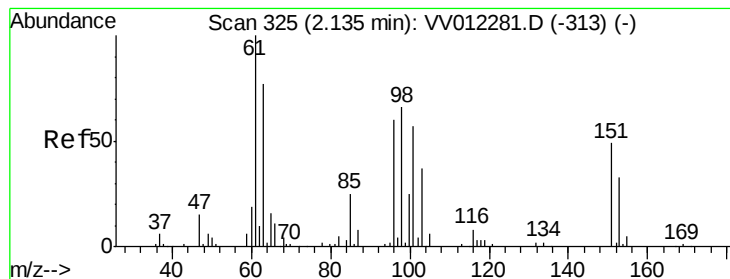
Tgt Ion: 94 Resp: 503

Ion Ratio Lower Upper

94 100

96 141.7 67.3 125.1#





#10

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

Concen: 0.070 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012287.D

Acq: 19 Aug 2019 19:56

Instrument :

MSVOA_V

ClientSampleId :

C0AJ6

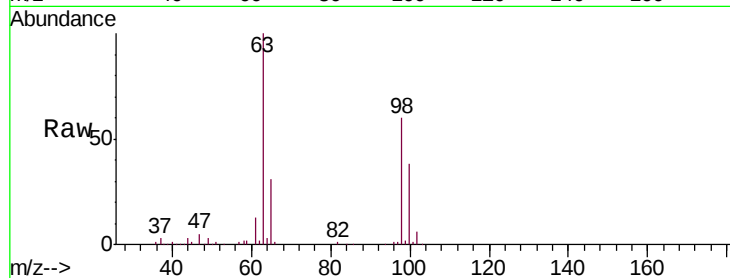
Tgt Ion: 101 Resp: 611

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

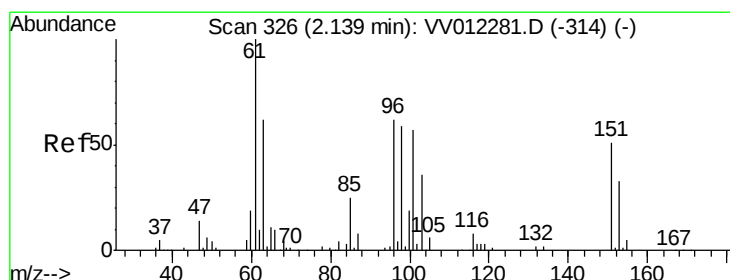
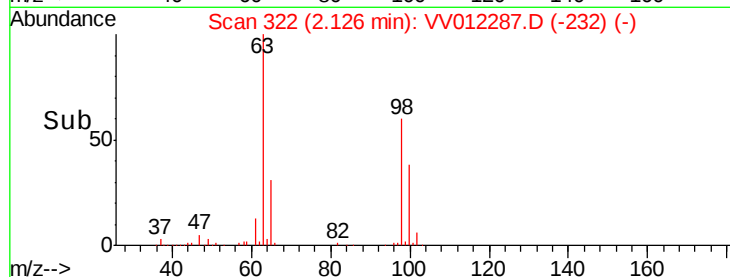
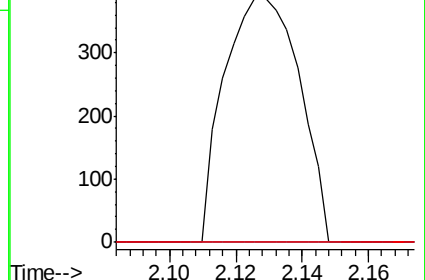
151 0.0 71.5 107.3#



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: 0.090 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012287.D

Acq: 19 Aug 2019 19:56

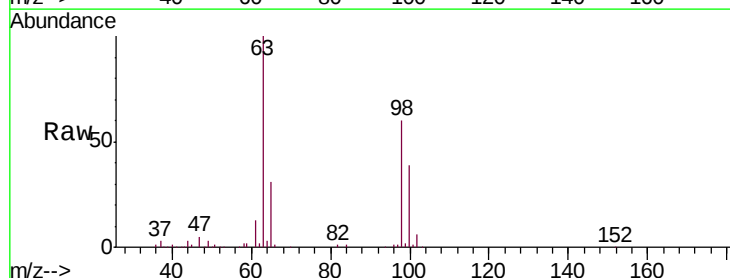
Tgt Ion: 96 Resp: 706

Ion Ratio Lower Upper

96 100

61 1189.7 117.7 218.7#

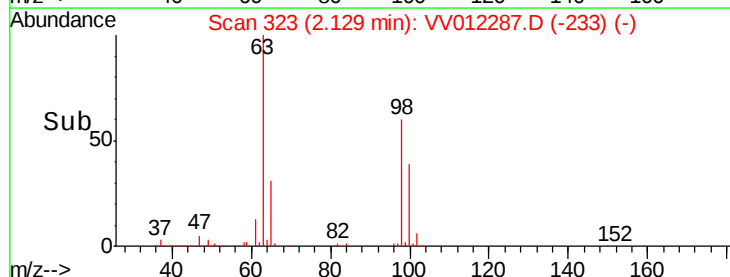
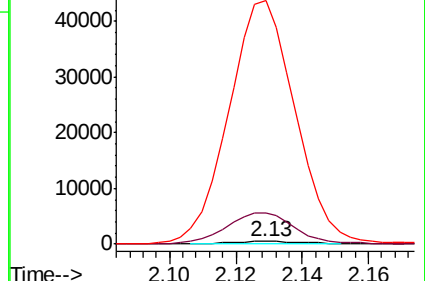
63 9181.5 81.1 150.5#

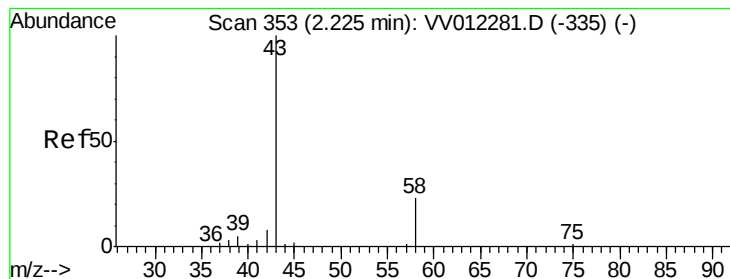


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 16.721 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV012287.D

Acq: 19 Aug 2019 19:56

Instrument :

MSVOA_V

ClientSampleId :

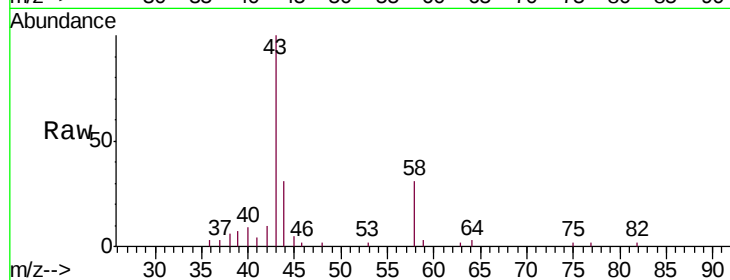
C0AJ6

Tgt Ion: 43 Resp: 20485

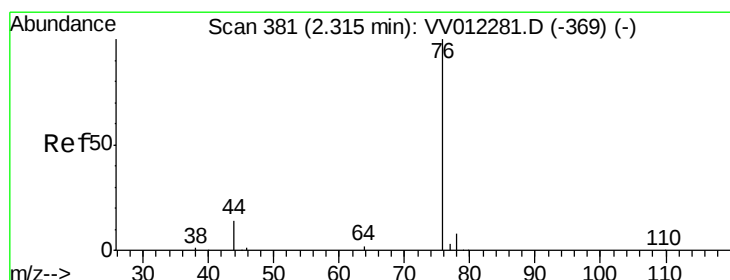
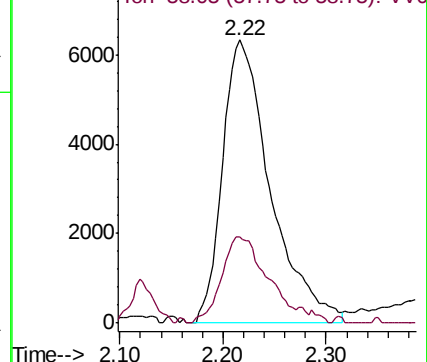
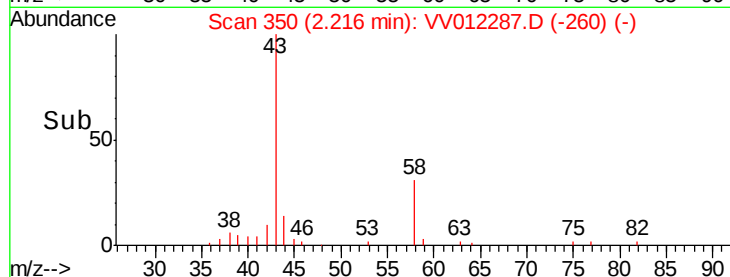
Ion Ratio Lower Upper

43 100

58 28.7 0.0 25.6#



Abundance Ion 43.05 (42.75 to 43.75): VV012287.D (-260) (-)



#14

Carbon disulfide

Concen: 0.248 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV012287.D

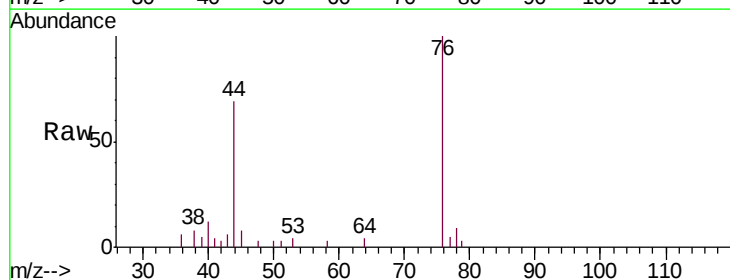
Acq: 19 Aug 2019 19:56

Tgt Ion: 76 Resp: 5369

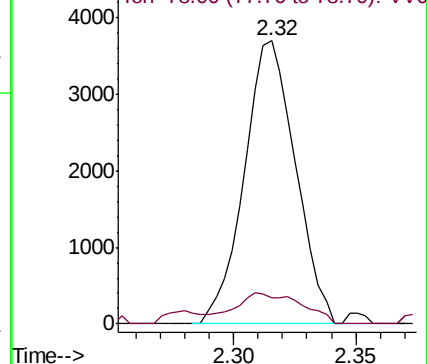
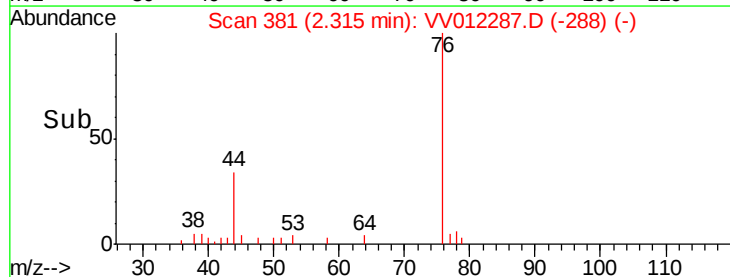
Ion Ratio Lower Upper

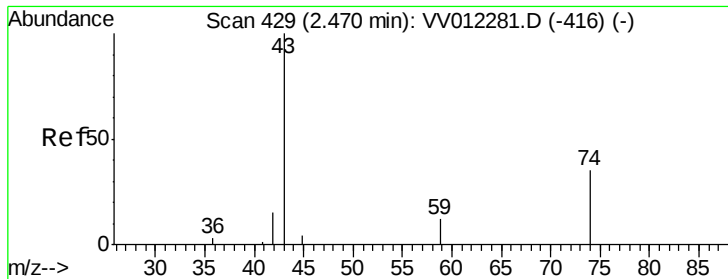
76 100

78 9.4 8.3 12.5



Abundance Ion 76.05 (75.75 to 76.75): VV012287.D (-288) (-)

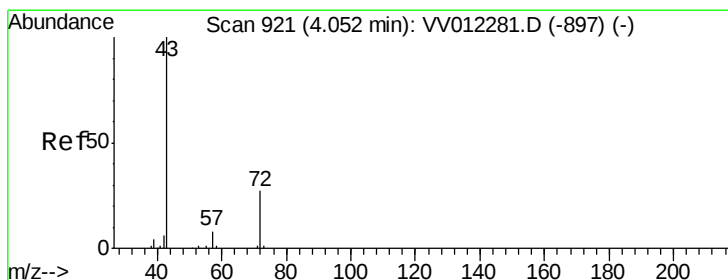
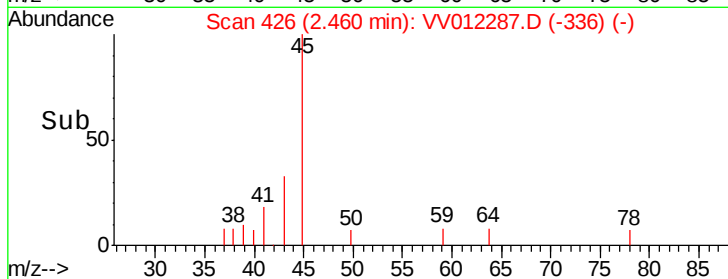
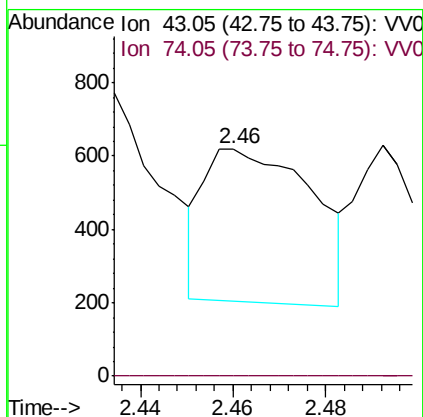
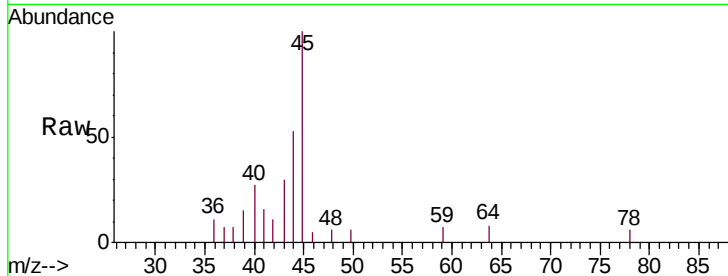




#15
Methyl Acetate
Concen: 0.278 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.01 min
Lab File: VV012287.D
Acq: 19 Aug 2019 19:56

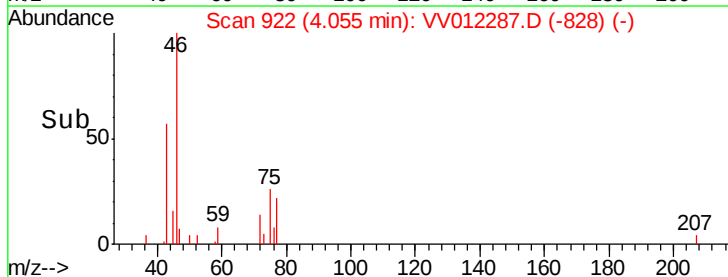
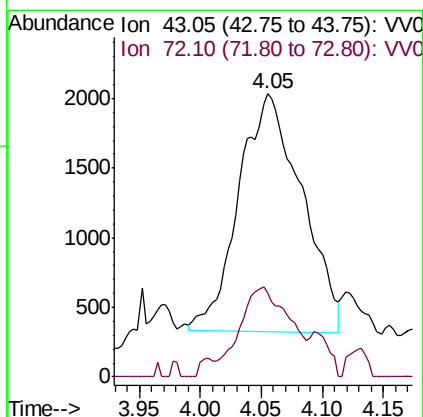
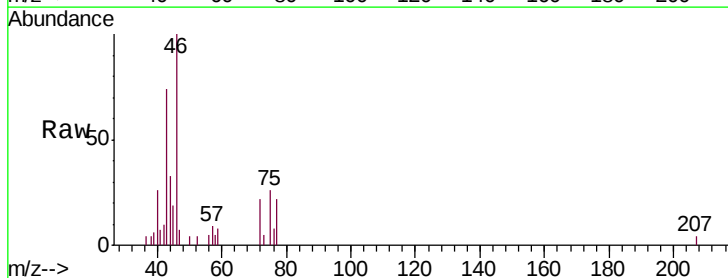
Instrument :
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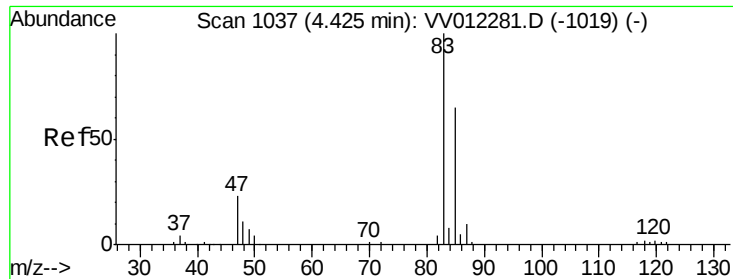
Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
74 0.0 24.9 37.3#



#21
2-Butanone
Concen: 2.628 ug/L
RT: 4.05 min Scan# 922
Delta R.T. 0.00 min
Lab File: VV012287.D
Acq: 19 Aug 2019 19:56

Tgt Ion: 43 Resp: 6108
Ion Ratio Lower Upper
43 100
72 30.4 14.8 44.4

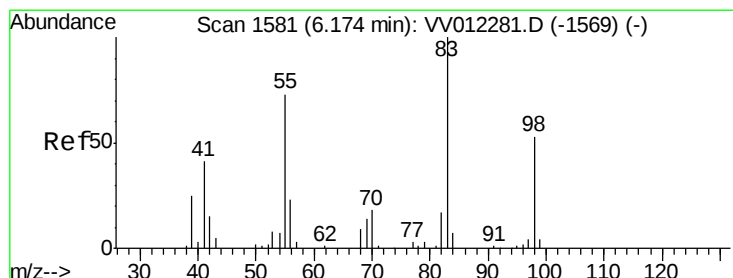
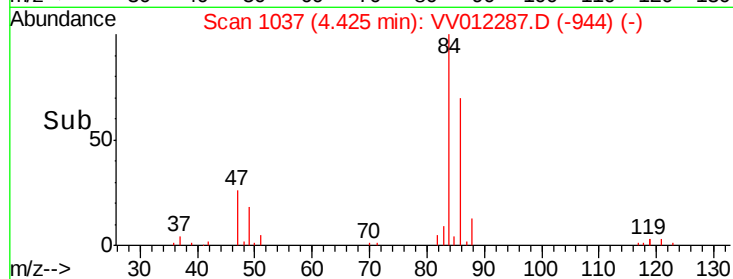
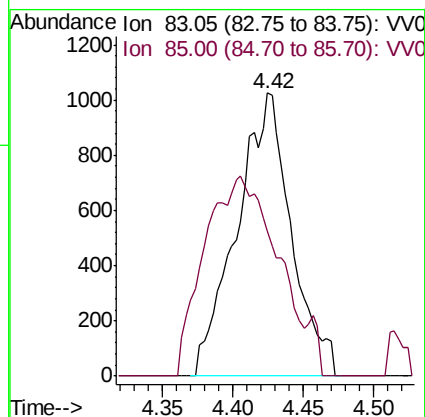
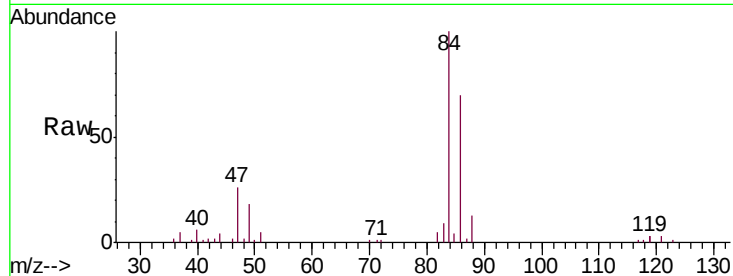




#25
Chloroform
Concen: 0.113 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012287.D
Acq: 19 Aug 2019 19:56

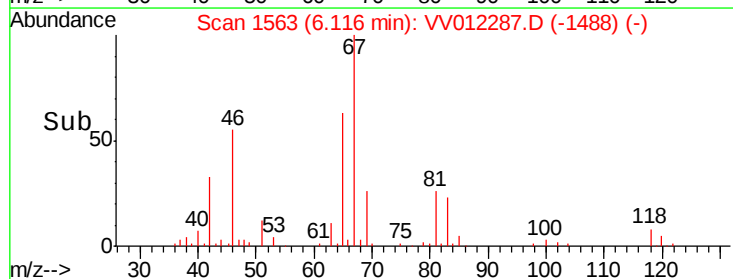
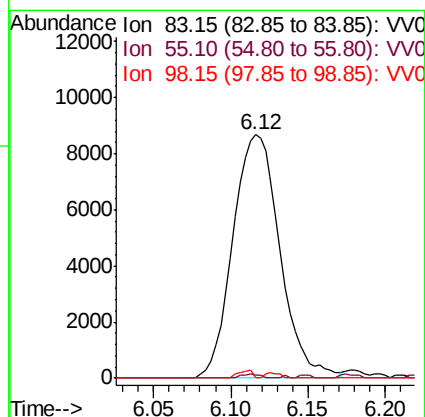
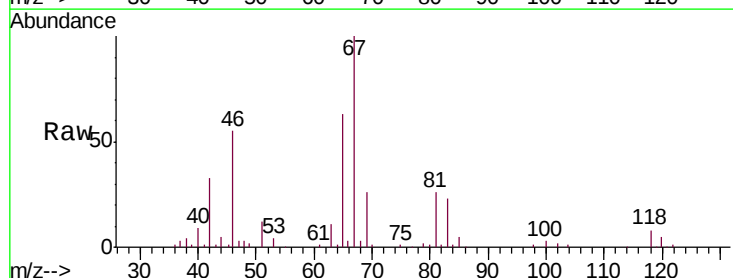
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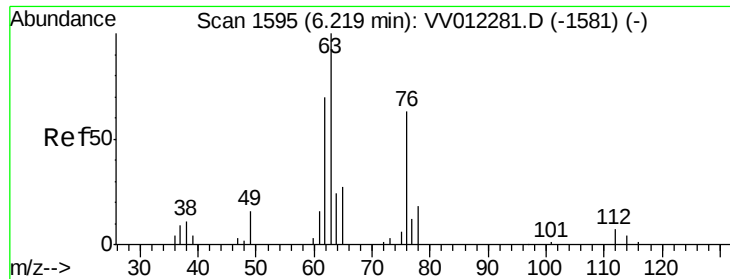
Tgt Ion: 83 Resp: 2771
Ion Ratio Lower Upper
83 100
85 51.1 46.1 85.5



#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012287.D
Acq: 19 Aug 2019 19:56

Tgt Ion: 83 Resp: 18296
Ion Ratio Lower Upper
83 100
55 0.6 57.3 85.9#
98 0.9 40.3 60.5#

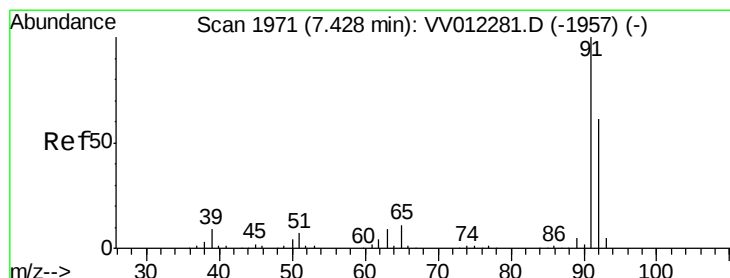
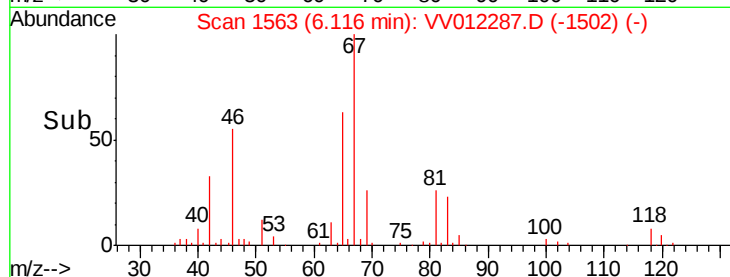
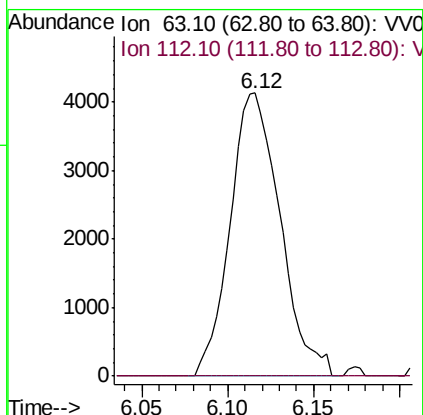
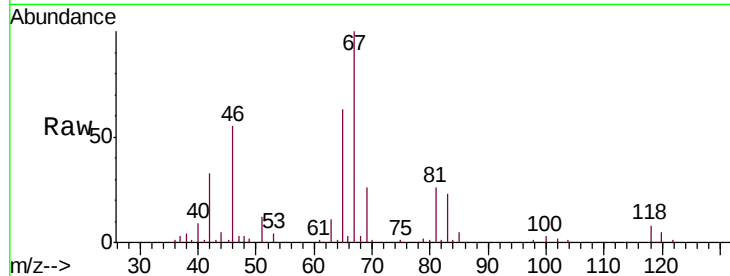




#37
 1,2-Dichloropropane
 Concen: 0.774 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012287.D
 Acq: 19 Aug 2019 19:56

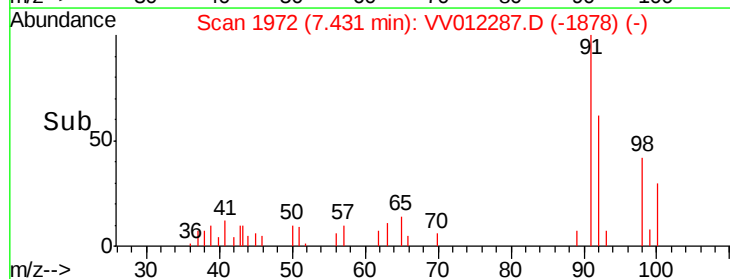
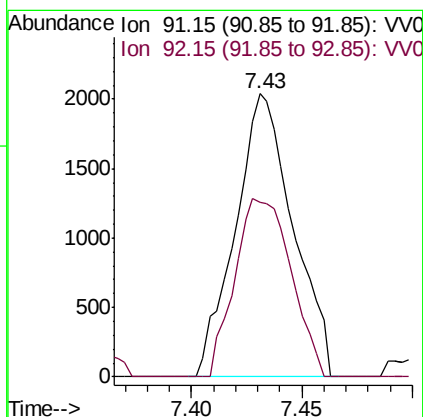
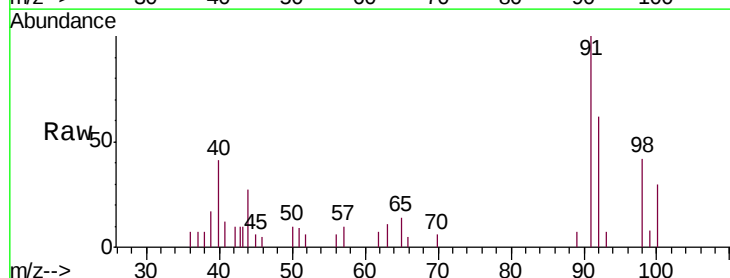
Instrument :
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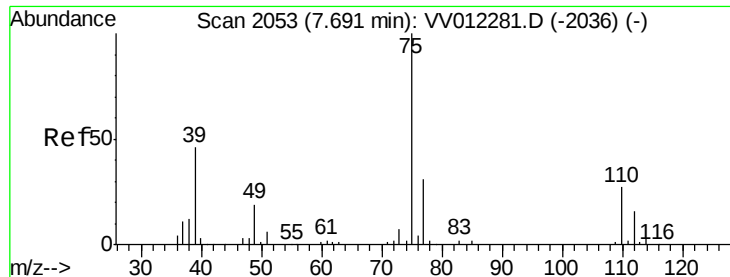
Tgt Ion: 63 Resp: 8328
 Ion Ratio Lower Upper
 63 100
 112 0.0 5.1 7.7#



#42
 Toluene
 Concen: 0.073 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012287.D
 Acq: 19 Aug 2019 19:56

Tgt Ion: 91 Resp: 3701
 Ion Ratio Lower Upper
 91 100
 92 61.8 41.6 77.3





#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012287.D

Acq: 19 Aug 2019 19:56

Instrument :

MSVOA_V

ClientSampleId :

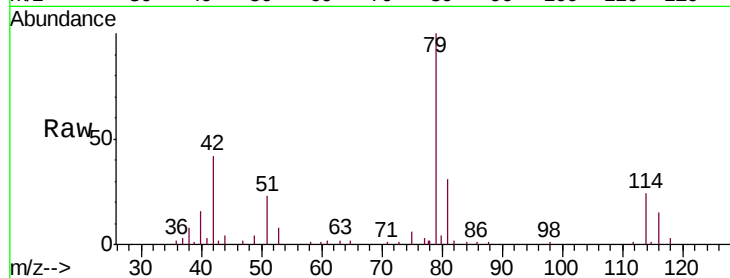
C0AJ6

Tgt Ion: 75 Resp: 1433

Ion Ratio Lower Upper

75 100

77 75.0 22.1 41.1#



Abundance Ion 75.05 (74.75 to 75.75): VV012281.D (-2036) (-)

Ion 77.05 (76.75 to 77.75): VV012281.D (-2036) (-)

7.67

800

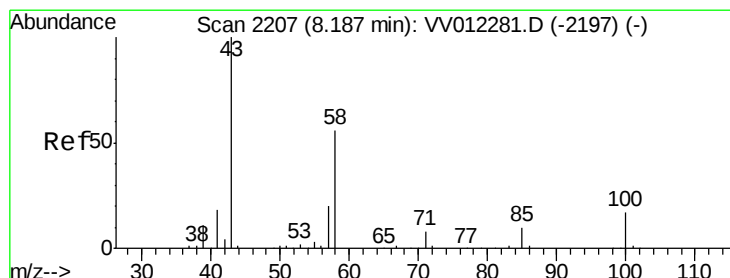
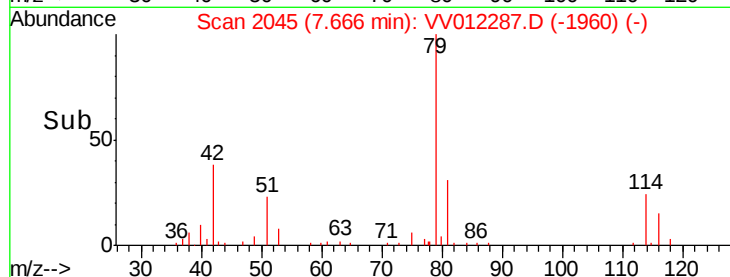
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 10.399 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012287.D

Acq: 19 Aug 2019 19:56

Tgt Ion: 43 Resp: 42290

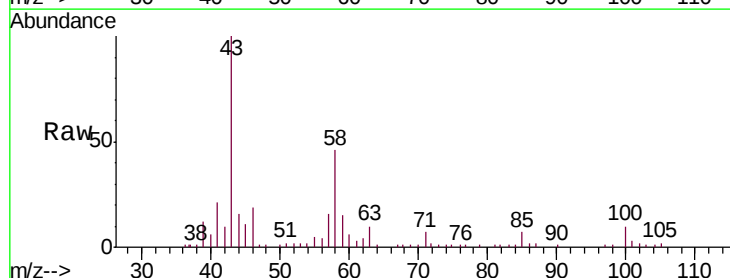
Ion Ratio Lower Upper

43 100

58 44.3 45.4 68.2#

57 16.0 16.8 25.2#

100 8.3 12.2 18.2#



Abundance Ion 43.05 (42.75 to 43.75): VV012281.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV012281.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV012281.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV012281.D (-2197) (-)

8.19

30000

25000

20000

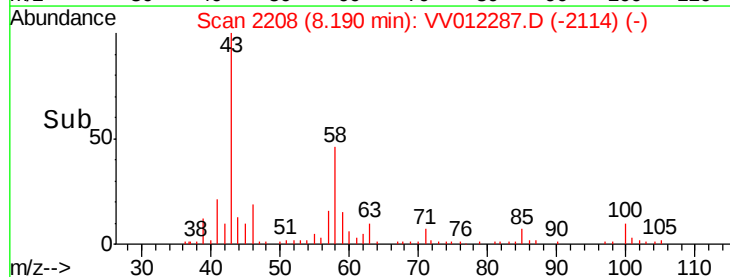
15000

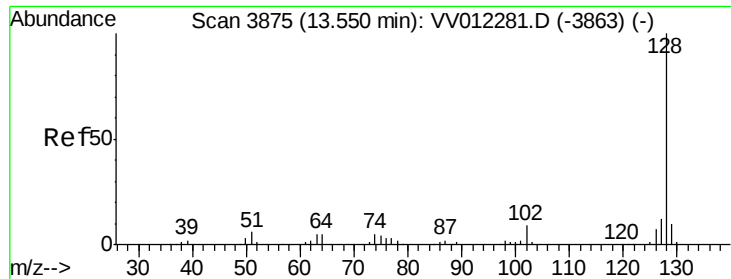
10000

5000

0

Time-->





#69

Naphthalene

Concen: 0.081 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV012287.D

Acq: 19 Aug 2019 19:56

Instrument :

MSVOA_V

ClientSampleId :

C0AJ6

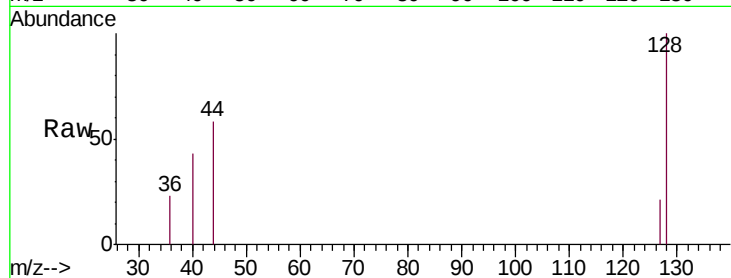
Tgt Ion:128 Resp: 1125

Ion Ratio Lower Upper

128 100

129 5.8 8.7 13.1#

127 1.9 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

