

Data File : VV010658.D
Acq On : 03 May 2019 14:25
Operator : SY/MD
Sample : K2603-01
Misc : 5.06G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ55RE

Quant Time: May 03 23:53:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	11215	25.00	ug/L	0.01
28) Chlorobenzene-d5	8.90	117	8969	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	2170	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	2342	16.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.96%
7) Chloroethane-d5	1.59	69	1910	19.22	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.88%
10) 1,1-Dichloroethene-d2	2.14	63	4524	18.17	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.68%
20) 2-Butanone-d5	3.97	46	230	5.32	ug/L	0.04
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.64%#
24) Chloroform-d	4.41	84	5794	20.00	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.09	65	2958	17.82	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	71.28%
29) Benzene-d6	5.11	84	11836	25.47	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.88%
33) 1,2-Dichloropropane-d6	6.12	67	3620	25.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.68%
37) Toluene-d8	7.37	98	10909	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.72%
38) trans-1,3-Dichloropropene-	7.67	79	896	15.23	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.92%
39) 2-Hexanone-d5	8.15	63	396	15.62	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.24%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2398	18.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.76%
61) 1,2-Dichlorobenzene-d4	11.68	152	2254	26.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.96%

Target Compounds

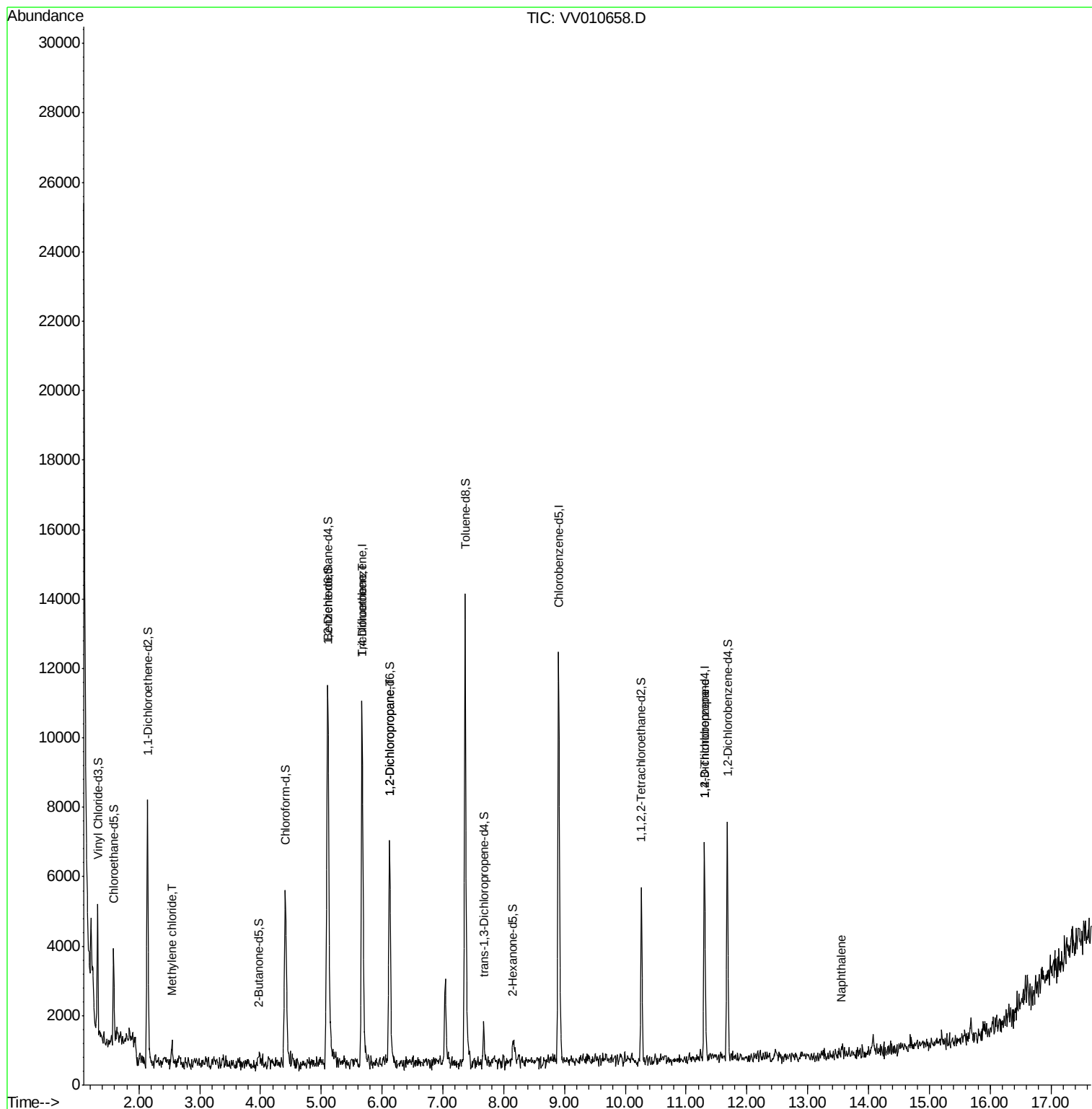
						Qvalue
16) Methylene chloride	2.54	84	267	1.707	ug/L	76
35) Trichloroethene	5.68	95	169	1.382	ug/L #	4
40) 1,2-Dichloropropane	6.13	63	525	4.708	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	254	2.907	ug/L #	43
69) Naphthalene	13.55	128	118	0.851	ug/L #	69

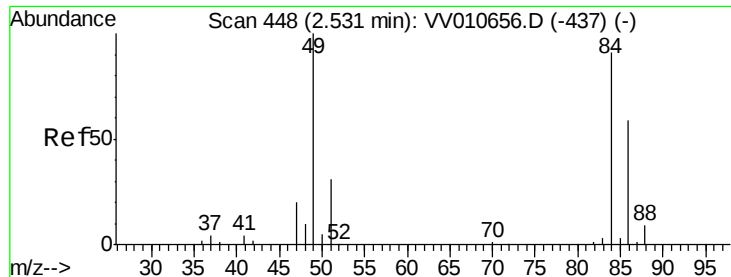
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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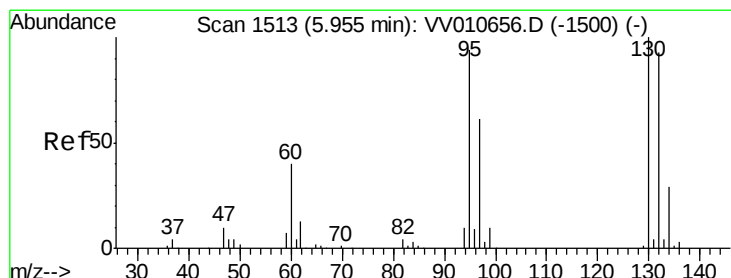
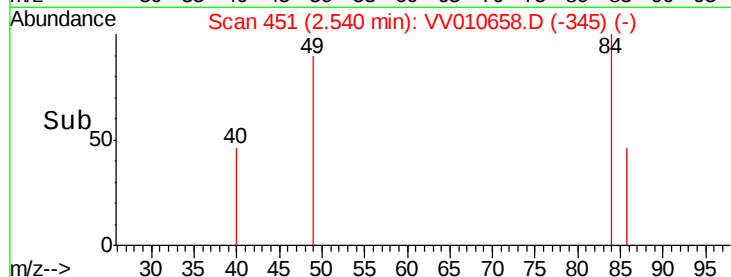
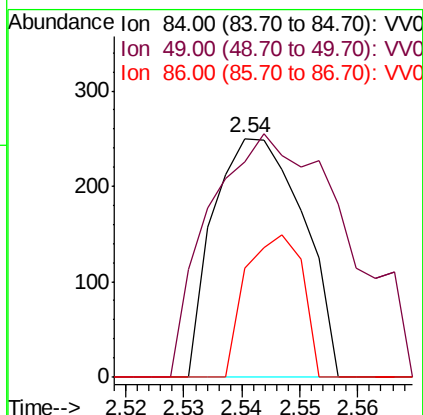
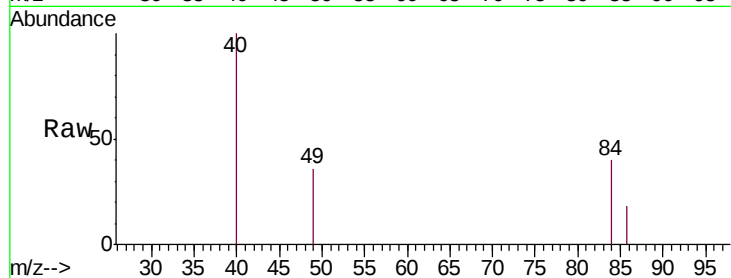




#16
Methylene chloride
Concen: 1.707 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV010658.D
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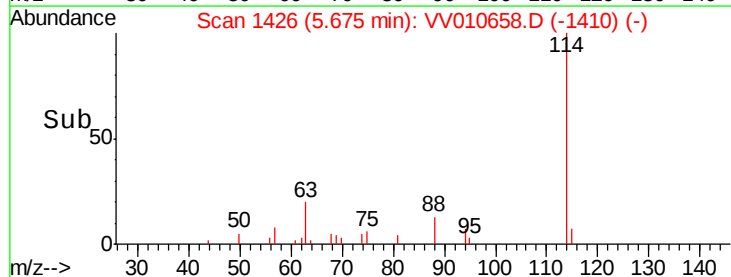
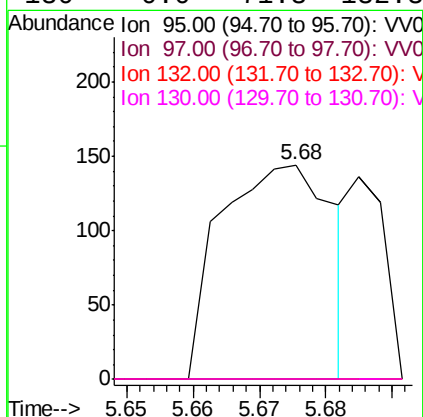
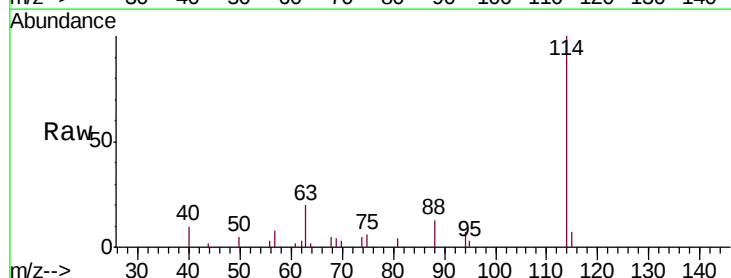
Instrument :
MSVOA_V
ClientSampleId :
GAJ55RE

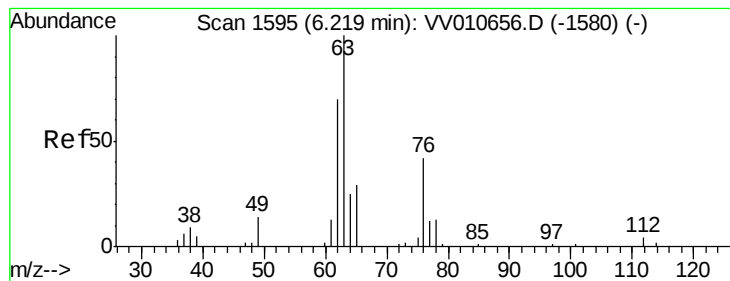
Tgt Ion: 84 Resp: 267
Ion Ratio Lower Upper
84 100
49 90.4 81.9 152.1
86 45.6 44.0 81.6



#35
Trichloroethene
Concen: 1.382 ug/L
RT: 5.68 min Scan# 1426
Delta R.T. -0.28 min
Lab File: VV010658.D
Acq: 03 May 2019 14:25

Tgt Ion: 95 Resp: 169
Ion Ratio Lower Upper
95 100
97 0.0 45.0 83.6#
132 0.0 69.9 129.9#
130 0.0 71.3 132.3#





#40

1,2-Dichloropropane

Concen: 4.708 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.09 min

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Acq: 03 May 2019 14:25

Instrument :

MSVOA_V

ClientSampleId :

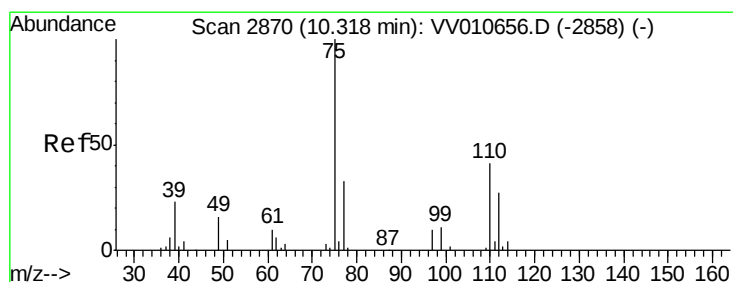
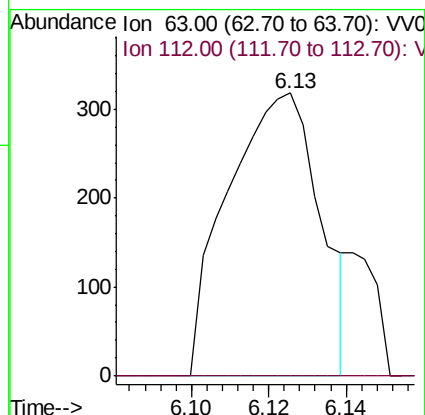
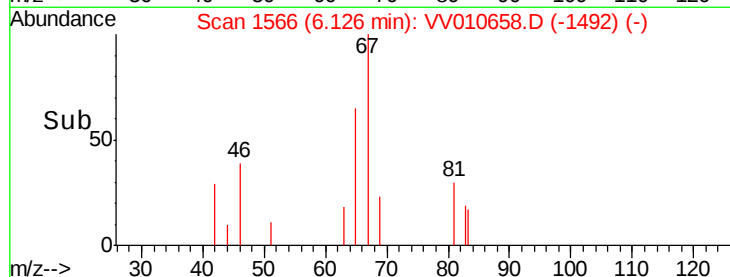
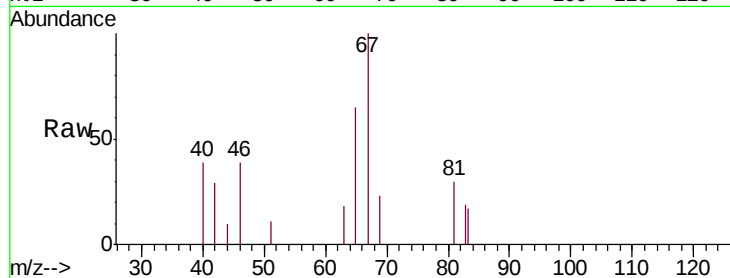
GAJ55RE

Tgt Ion: 63 Resp: 525

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#59

1,2,3-Trichloropropane

Concen: 2.907 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

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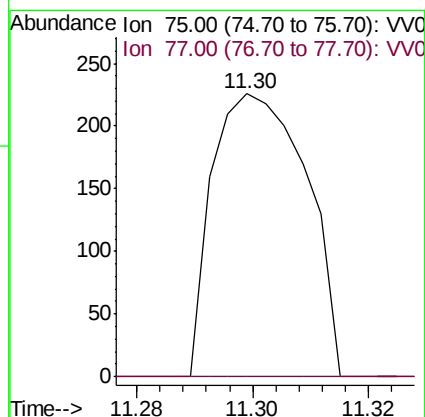
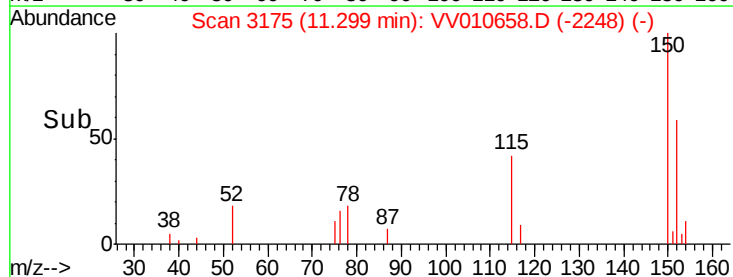
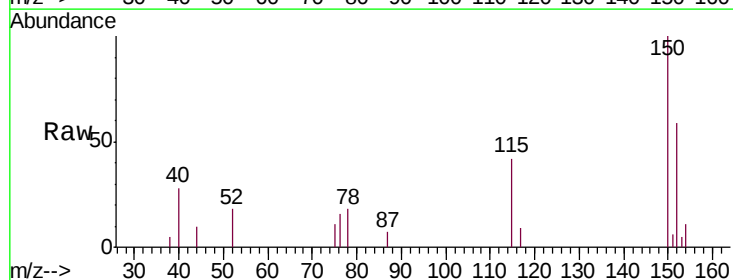
Acq: 03 May 2019 14:25

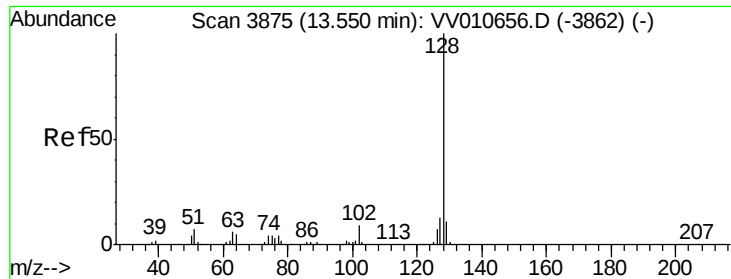
Tgt Ion: 75 Resp: 254

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#





#69

Naphthalene

Concen: 0.851 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. -0.00 min

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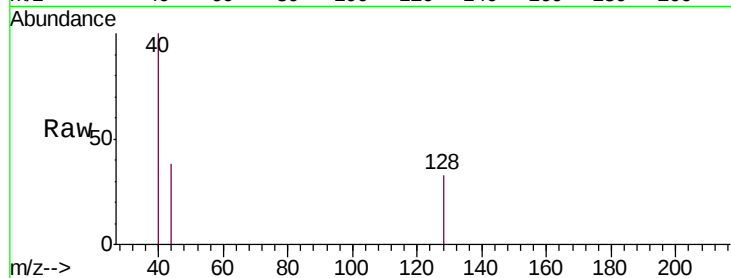
Acq: 03 May 2019 14:25

Instrument :

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GAJ55RE



Tgt Ion:	128	Resp:	118
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	0.0	10.6	15.8#

