

Data File : VU028942.D
Acq On : 24 Dec 2018 13:06
Operator : MD/SY
Sample : J6489-08 10X
Misc : 5.85g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F76

Quant Time: Dec 25 00:07:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 25 00:02:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	257453	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	241042	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	120724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65150	31.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.14%
7) Chloroethane-d5	1.66	69	57860	36.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.58%
11) 1,1-Dichloroethene-d2	2.27	63	97397	28.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.12%#
21) 2-Butanone-d5	4.18	46	119085	82.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.35%
24) Chloroform-d	4.65	84	132490	40.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.64%
26) 1,2-Dichloroethane-d4	5.31	65	82709	41.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.68%
32) Benzene-d6	5.34	84	287861	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.54%
36) 1,2-Dichloropropane-d6	6.33	67	96711	41.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.60%
41) Toluene-d8	7.56	98	270413	43.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.64%
43) trans-1,3-Dichloropropene-	7.85	79	44634	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.12%
47) 2-Hexanone-d5	8.31	63	103090	93.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139653	43.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	111975	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%

Target Compounds

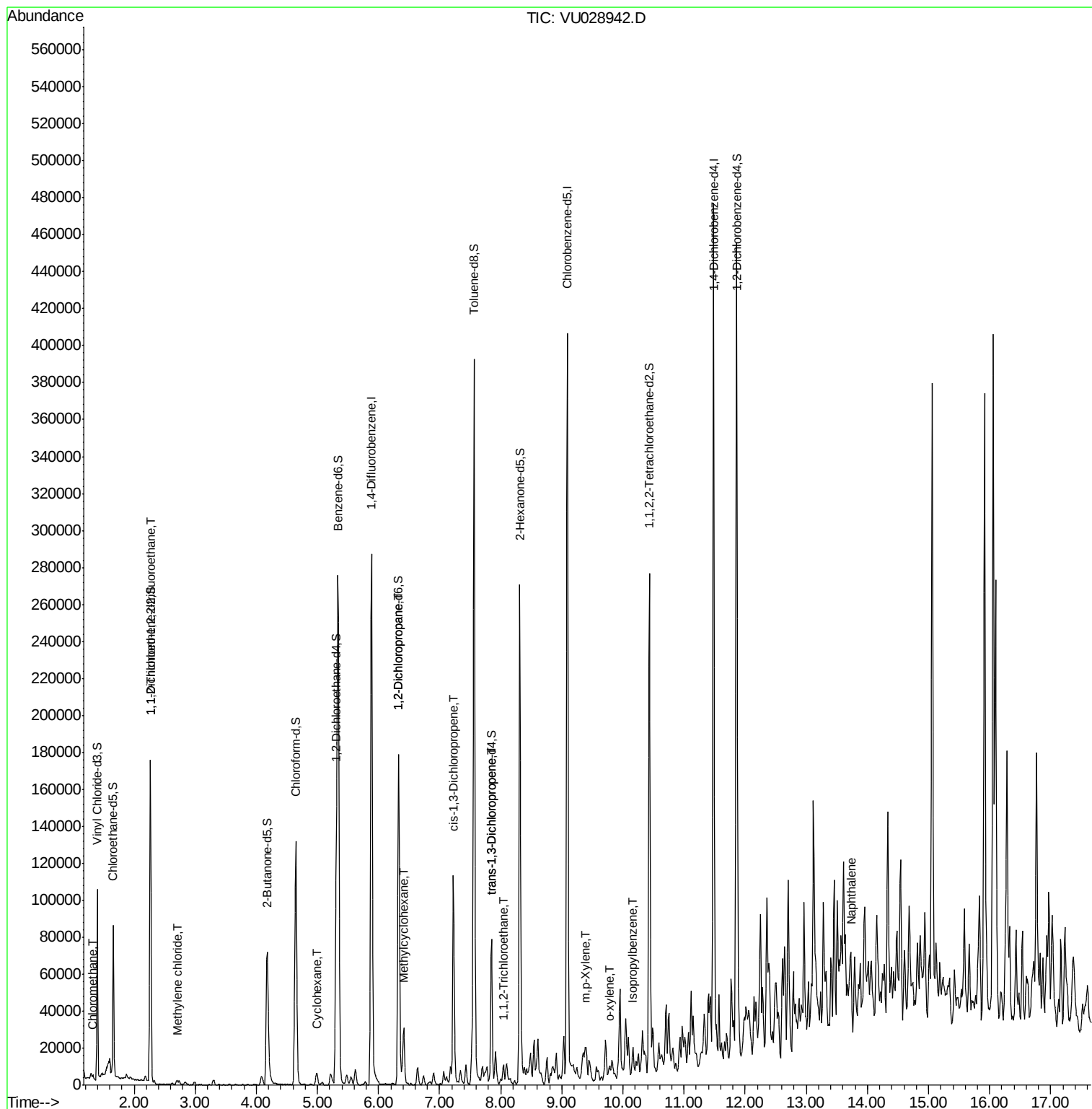
					Qvalue
3) Chloromethane	1.32	50	1950	0.683 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1021	0.612 ug/L #	20
16) Methylene chloride	2.70	84	1254	0.616 ug/L	95
29) Cyclohexane	4.99	56	2715	0.846 ug/L #	94
35) Methylcyclohexane	6.41	83	13731	4.450 ug/L	96
37) 1,2-Dichloropropane	6.33	63	8974	4.183 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2363	0.773 ug/L #	44
44) trans-1,3-Dichloropropene	7.85	75	1491	0.547 ug/L #	57
45) 1,1,2-Trichloroethane	8.05	97	3857	2.103 ug/L #	17
53) m,p-Xylene	9.38	106	2800	0.906 ug/L	93
54) o-xylene	9.78	106	2306	0.744 ug/L	91
56) Isopropylbenzene	10.17	105	5685	0.723 ug/L #	81
69) Naphthalene	13.75	128	3999	0.486 ug/L #	61

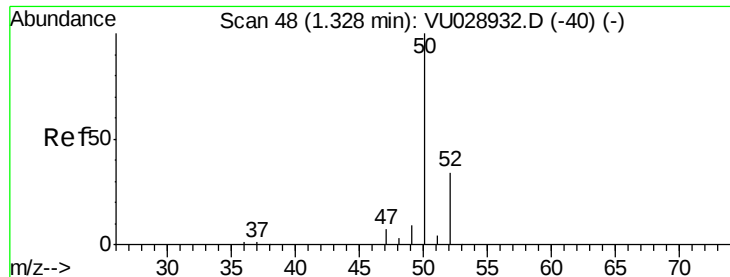
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.683 ug/L

RT: 1.32 min Scan# 47

Delta R.T. -0.00 min

Lab File: VU028942.D

Acq: 24 Dec 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

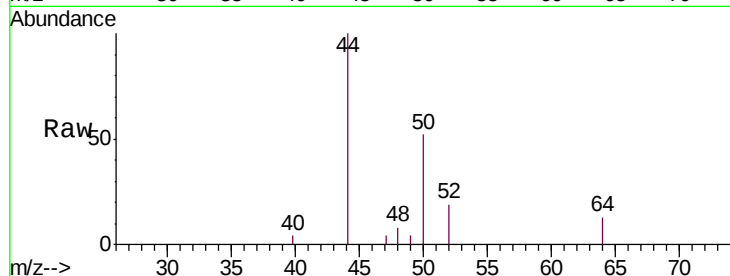
F9F76

Tgt Ion: 50 Resp: 1950

Ion Ratio Lower Upper

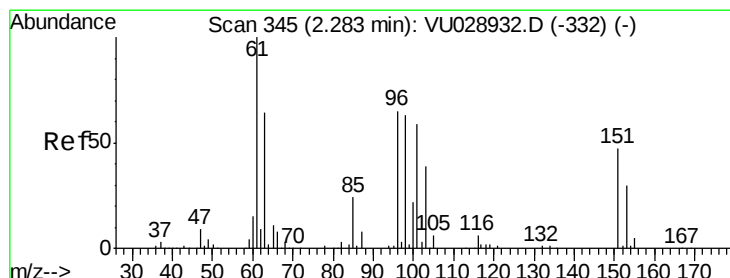
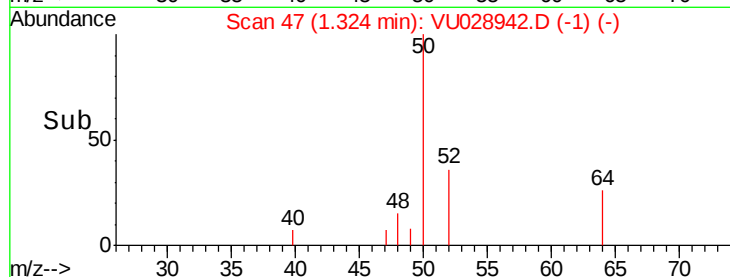
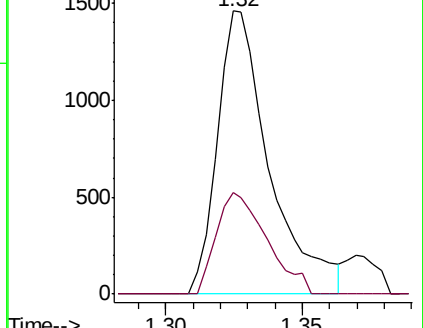
50 100

52 35.9 22.3 41.3



Abundance Ion 50.00 (49.70 to 50.70): VU028942.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU028942.D (-1) (-)



#10

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

Concen: 0.612 ug/L

RT: 2.26 min Scan# 339

Delta R.T. -0.02 min

Lab File: VU028942.D

Acq: 24 Dec 2018 13:06

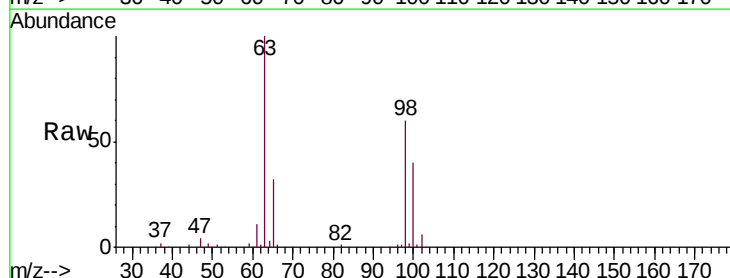
Tgt Ion: 101 Resp: 1021

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

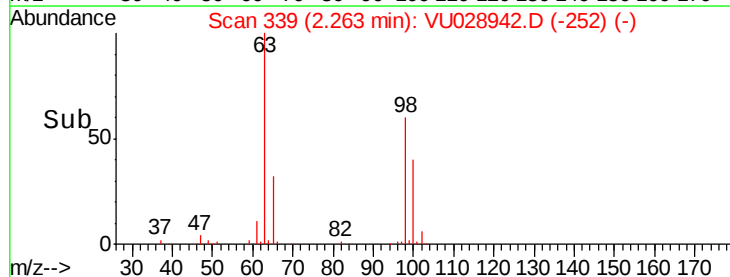
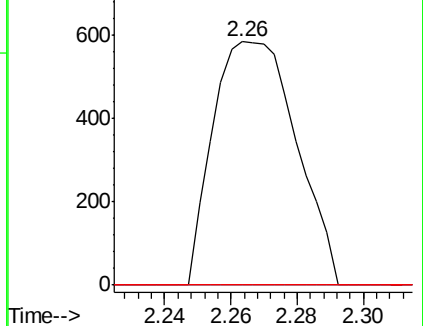
151 0.0 59.4 89.0#

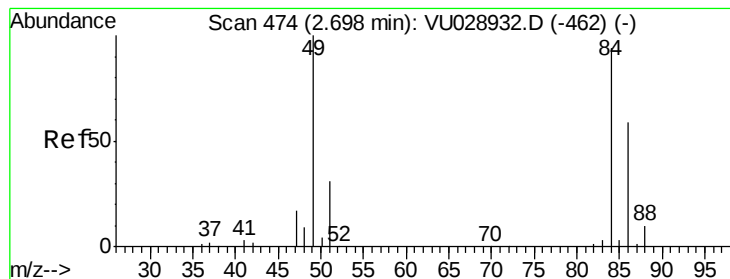


Abundance Ion 101.00 (100.70 to 101.70): VU028942.D (-252) (-)

Ion 85.00 (84.70 to 85.70): VU028942.D (-252) (-)

Ion 151.00 (150.70 to 151.70): VU028942.D (-252) (-)





#16

Methylene chloride

Concen: 0.616 ug/L

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU028942.D

Acq: 24 Dec 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

F9F76

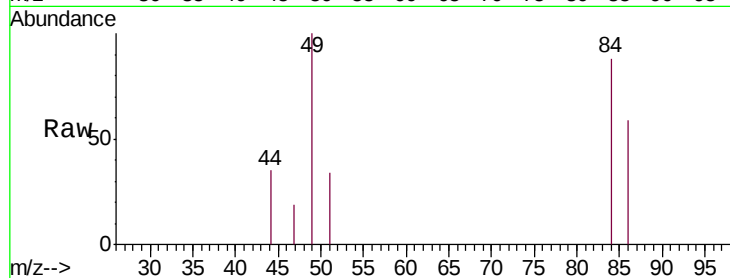
Tgt Ion: 84 Resp: 1254

Ion Ratio Lower Upper

84 100

86 66.8 44.9 83.3

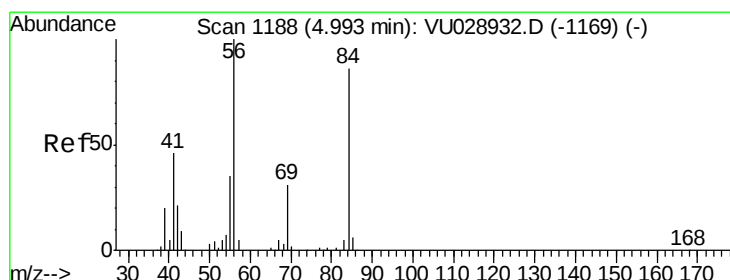
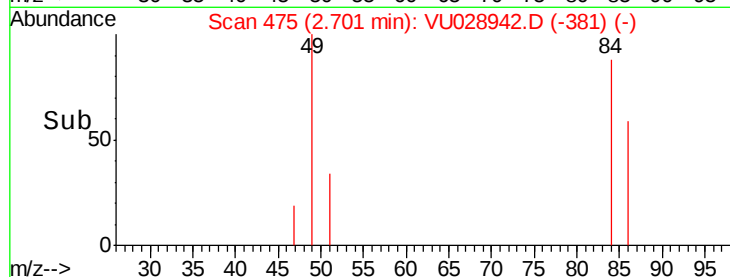
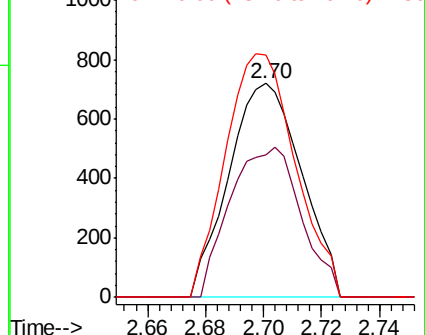
49 113.6 83.9 155.7



Abundance Ion 84.00 (83.70 to 84.70): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.00 (48.70 to 49.70): VU0



#29

Cyclohexane

Concen: 0.846 ug/L

RT: 4.99 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU028942.D

Acq: 24 Dec 2018 13:06

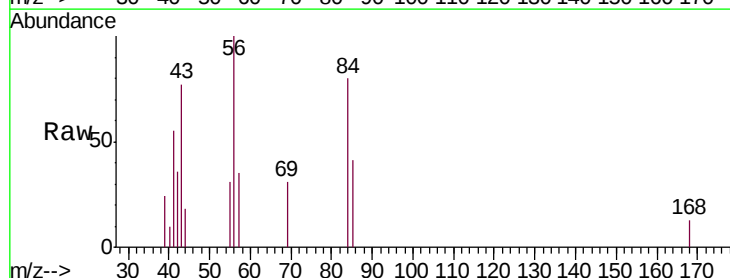
Tgt Ion: 56 Resp: 2715

Ion Ratio Lower Upper

56 100

69 23.1 23.8 35.8#

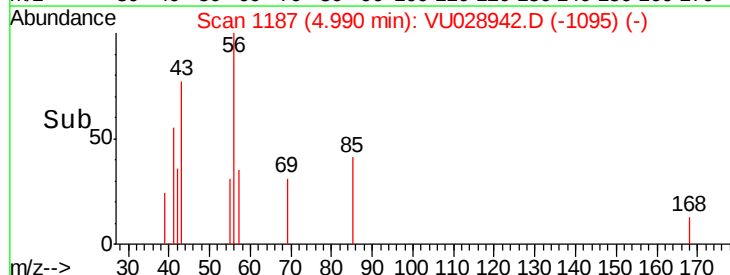
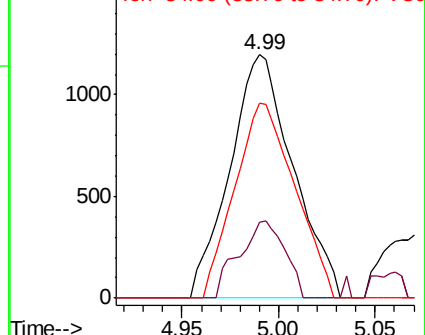
84 76.3 63.8 95.8

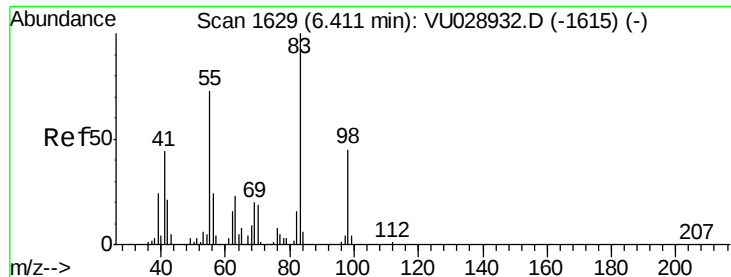


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

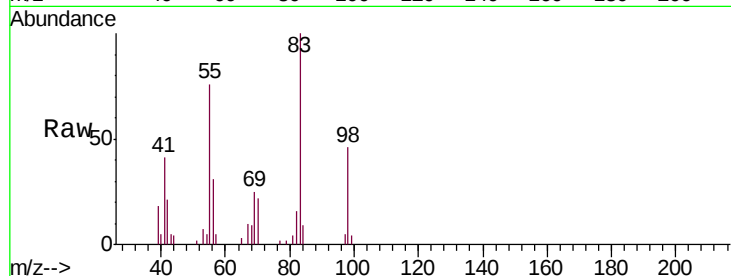




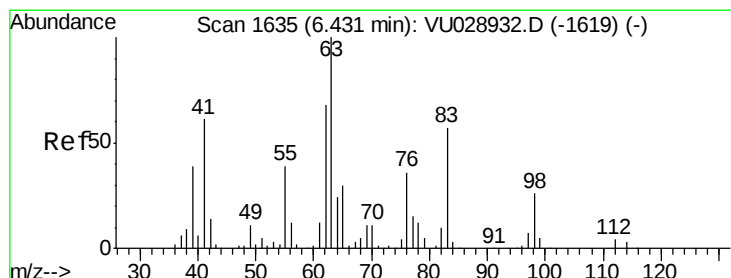
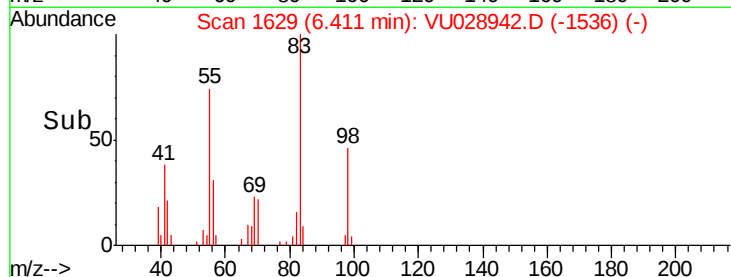
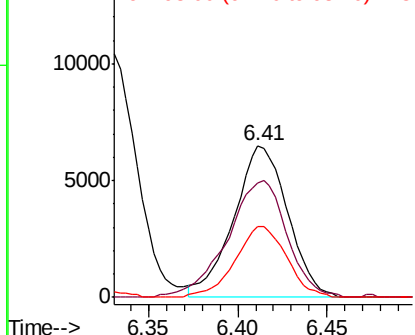
#35
Methylcyclohexane
Concen: 4.450 ug/L
RT: 6.41 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VU028942.D
Acq: 24 Dec 2018 13:06

Instrument :
MSVOA_U
ClientSampleId :
F9F76

Tgt Ion: 83 Resp: 13731
Ion Ratio Lower Upper
83 100
55 84.7 63.7 95.5
98 44.5 35.6 53.4

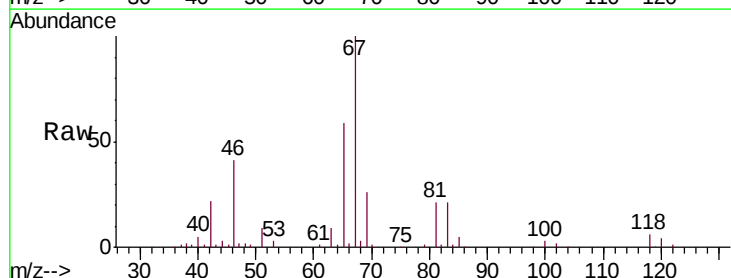


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

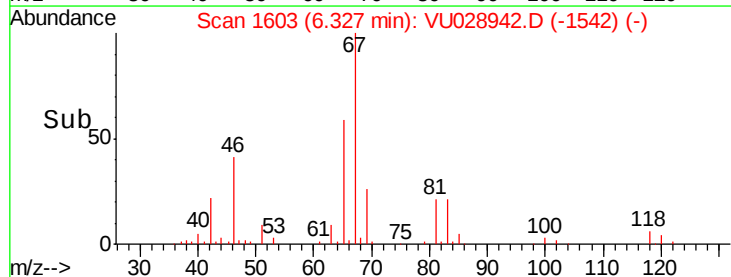
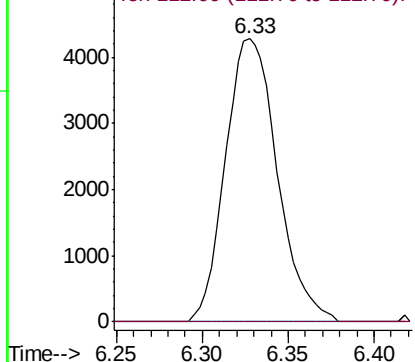


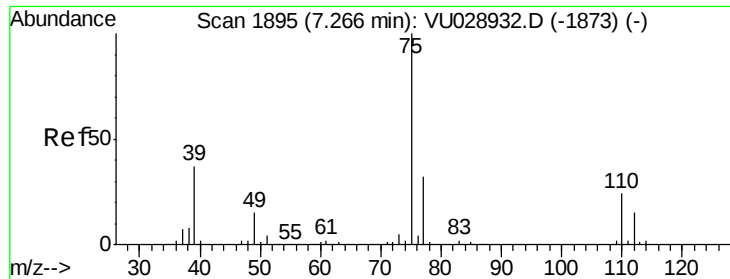
#37
1,2-Dichloropropane
Concen: 4.183 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028942.D
Acq: 24 Dec 2018 13:06

Tgt Ion: 63 Resp: 8974
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

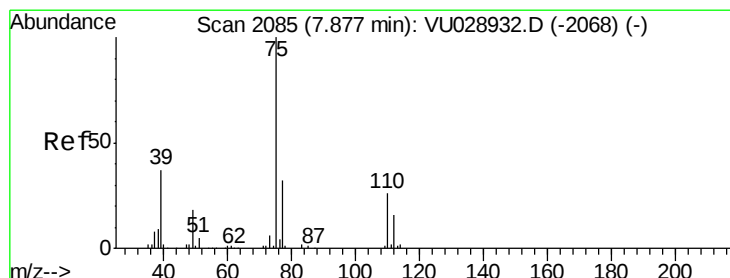
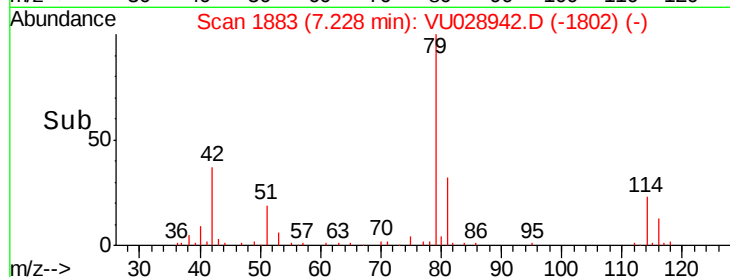
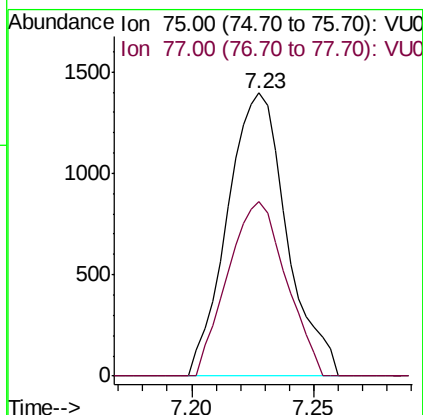
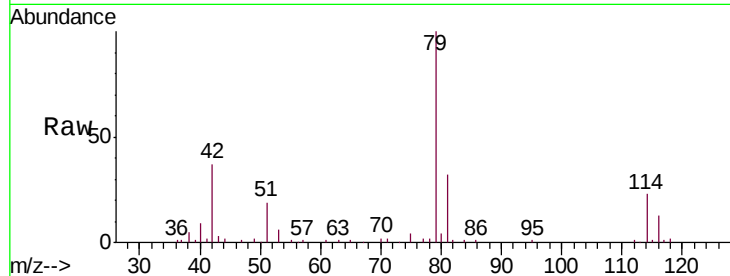




#39
 cis-1,3-Dichloropropene
 Concen: 0.773 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028942.D
 Acq: 24 Dec 2018 13:06

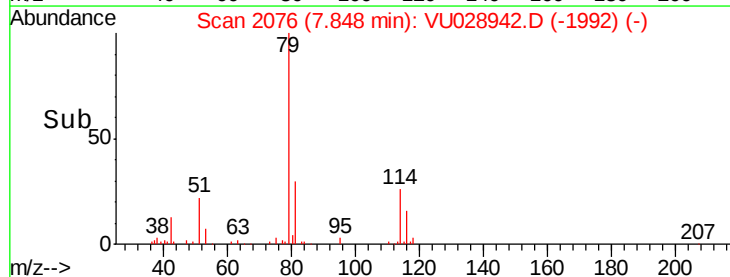
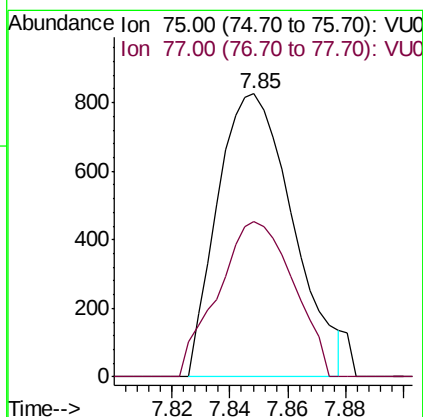
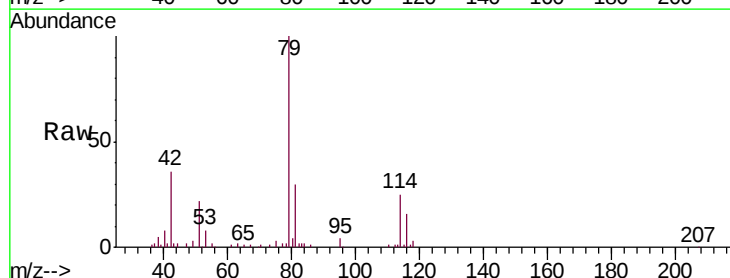
Instrument :
 MSVOA_U
 ClientSampled :
 F9F76

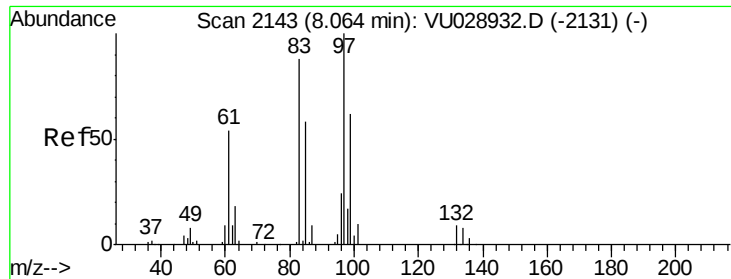
Tgt Ion: 75 Resp: 2363
 Ion Ratio Lower Upper
 75 100
 77 61.8 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.547 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU028942.D
 Acq: 24 Dec 2018 13:06

Tgt Ion: 75 Resp: 1491
 Ion Ratio Lower Upper
 75 100
 77 55.0 21.8 40.6#

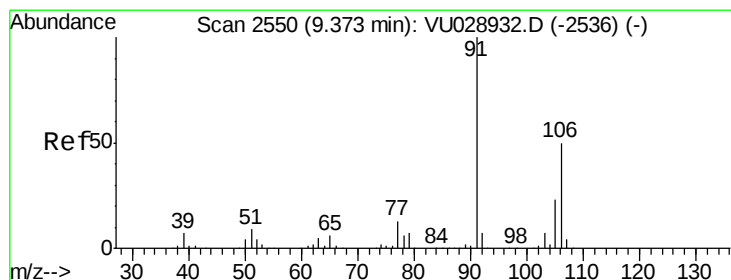
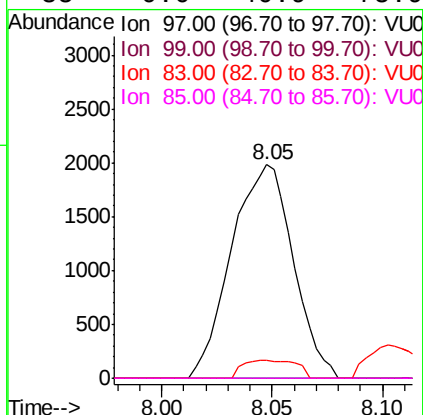
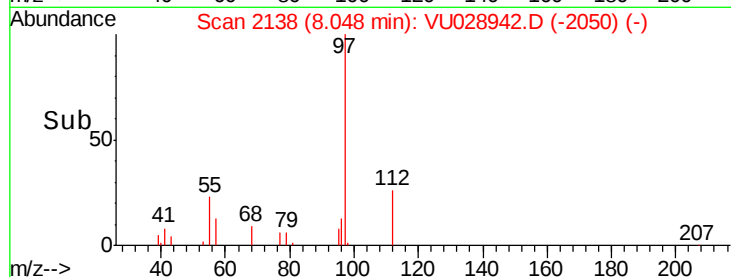
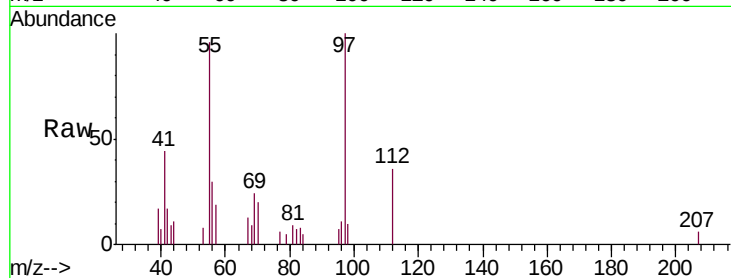




#45
 1,1,2-Trichloroethane
 Concen: 2.103 ug/L
 RT: 8.05 min Scan# 2138
 Delta R.T. -0.02 min
 Lab File: VU028942.D
 Acq: 24 Dec 2018 13:06

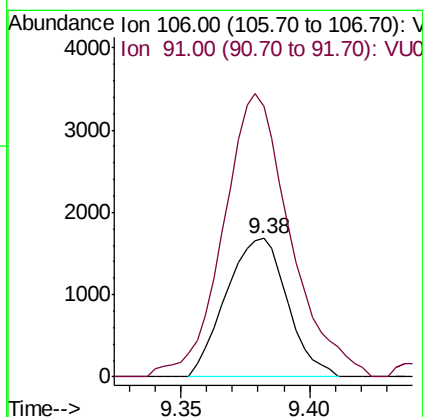
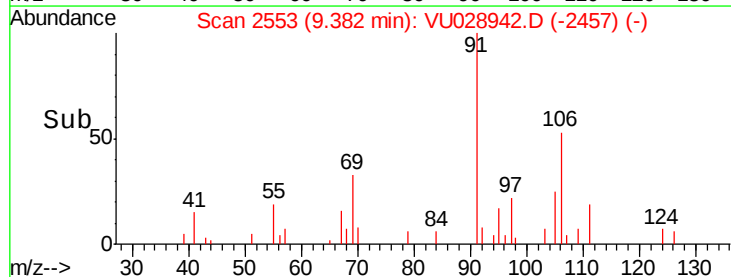
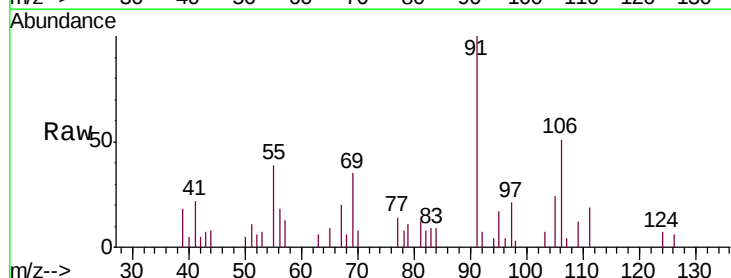
Instrument :
 MSVOA_U
 ClientSampleId :
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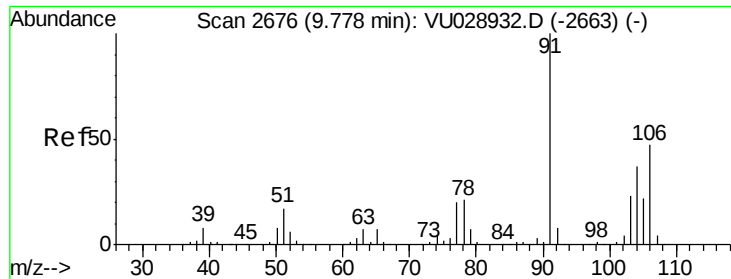
Tgt Ion:	97	Resp:	3857
Ion	Ratio	Lower	Upper
97	100		
99	0.0	44.2	82.2#
83	8.4	64.5	119.9#
85	0.0	40.9	75.9#



#53
 m,p-Xylene
 Concen: 0.906 ug/L
 RT: 9.38 min Scan# 2553
 Delta R.T. 0.01 min
 Lab File: VU028942.D
 Acq: 24 Dec 2018 13:06

Tgt Ion:	106	Resp:	2800
Ion	Ratio	Lower	Upper
106	100		
91	195.4	144.1	267.5





#54

o-xylene

Concen: 0.744 ug/L

RT: 9.78 min Scan# 2676

Delta R.T. -0.00 min

Lab File: VU028942.D

Acq: 24 Dec 2018 13:06

Instrument :

MSVOA_U

ClientSampleId :

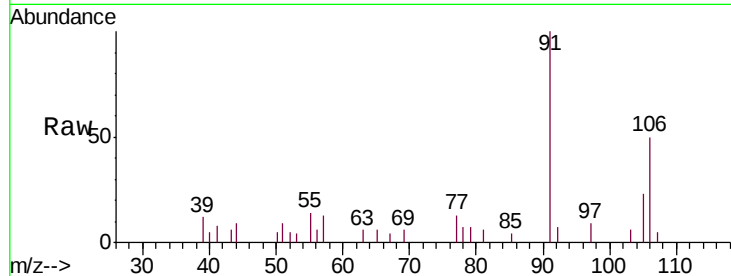
F9F76

Tgt Ion:106 Resp: 2306

Ion Ratio Lower Upper

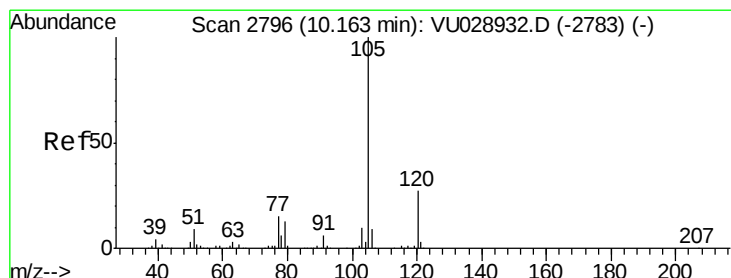
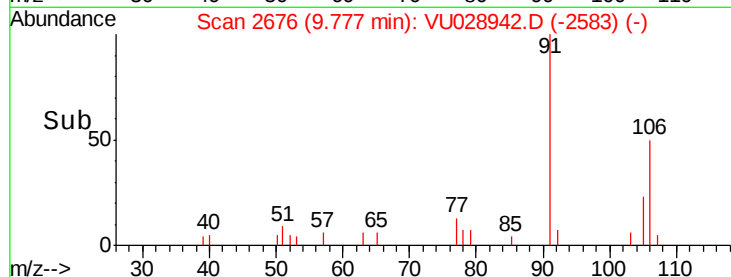
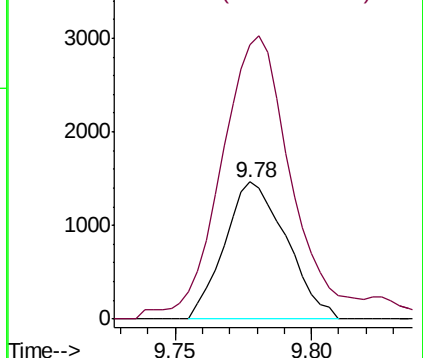
106 100

91 200.1 150.4 279.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#56

Isopropylbenzene

Concen: 0.723 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028942.D

Acq: 24 Dec 2018 13:06

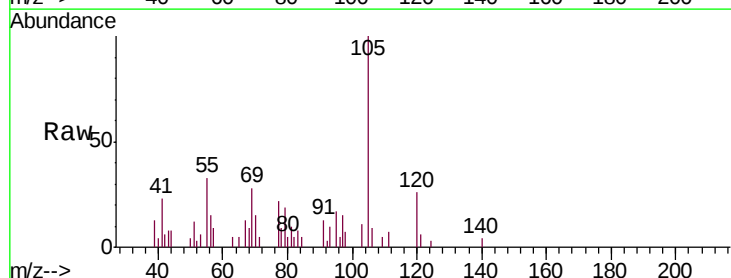
Tgt Ion:105 Resp: 5685

Ion Ratio Lower Upper

105 100

120 24.2 21.4 32.2

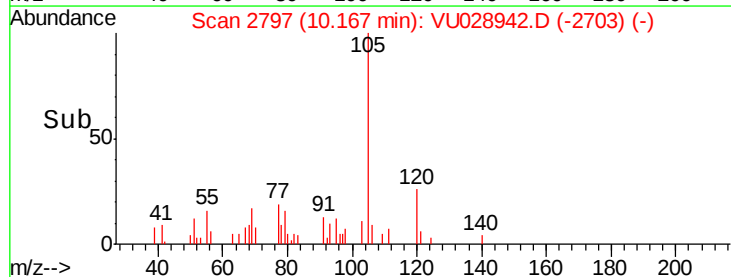
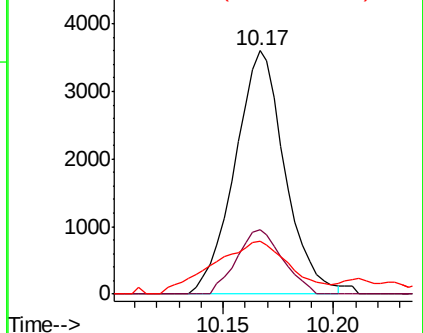
77 33.3 12.3 18.5#

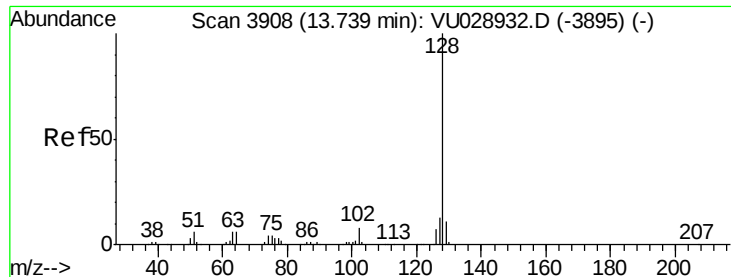


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.486 ug/L

RT: 13.75 min Scan# 3910

Delta R.T. 0.01 min

Lab File: VU028942.D

Acq: 24 Dec 2018 13:06

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ClientSampleId :

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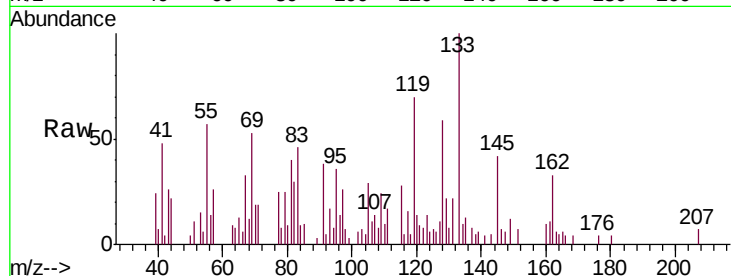
Tgt Ion:128 Resp: 3999

Ion Ratio Lower Upper

128 100

127 19.8 10.5 15.7#

129 36.1 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

