

Data File : VV014461.D
Acq On : 31 Jan 2020 19:48
Operator : SY/MD
Sample : L1324-17 5X
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT72

Quant Time: Feb 01 02:40:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 02:36:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	423841	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	404244	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	209578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96833	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.28%
7) Chloroethane-d5	1.57	69	61612	42.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.13	63	106064	33.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.50%
21) 2-Butanone-d5	3.92	46	157382	99.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.37%
24) Chloroform-d	4.40	84	216653	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.98%
26) 1,2-Dichloroethane-d4	5.08	65	141026	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
32) Benzene-d6	5.09	84	468197	43.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.98%
36) 1,2-Dichloropropane-d6	6.11	67	148314	44.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.08%
41) Toluene-d8	7.35	98	449058	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.66	79	76820	44.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.76%
47) 2-Hexanone-d5	8.13	63	140332	106.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.51%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	200220	46.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.30%
64) 1,2-Dichlorobenzene-d4	11.67	152	180528	46.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.54%

Target Compounds

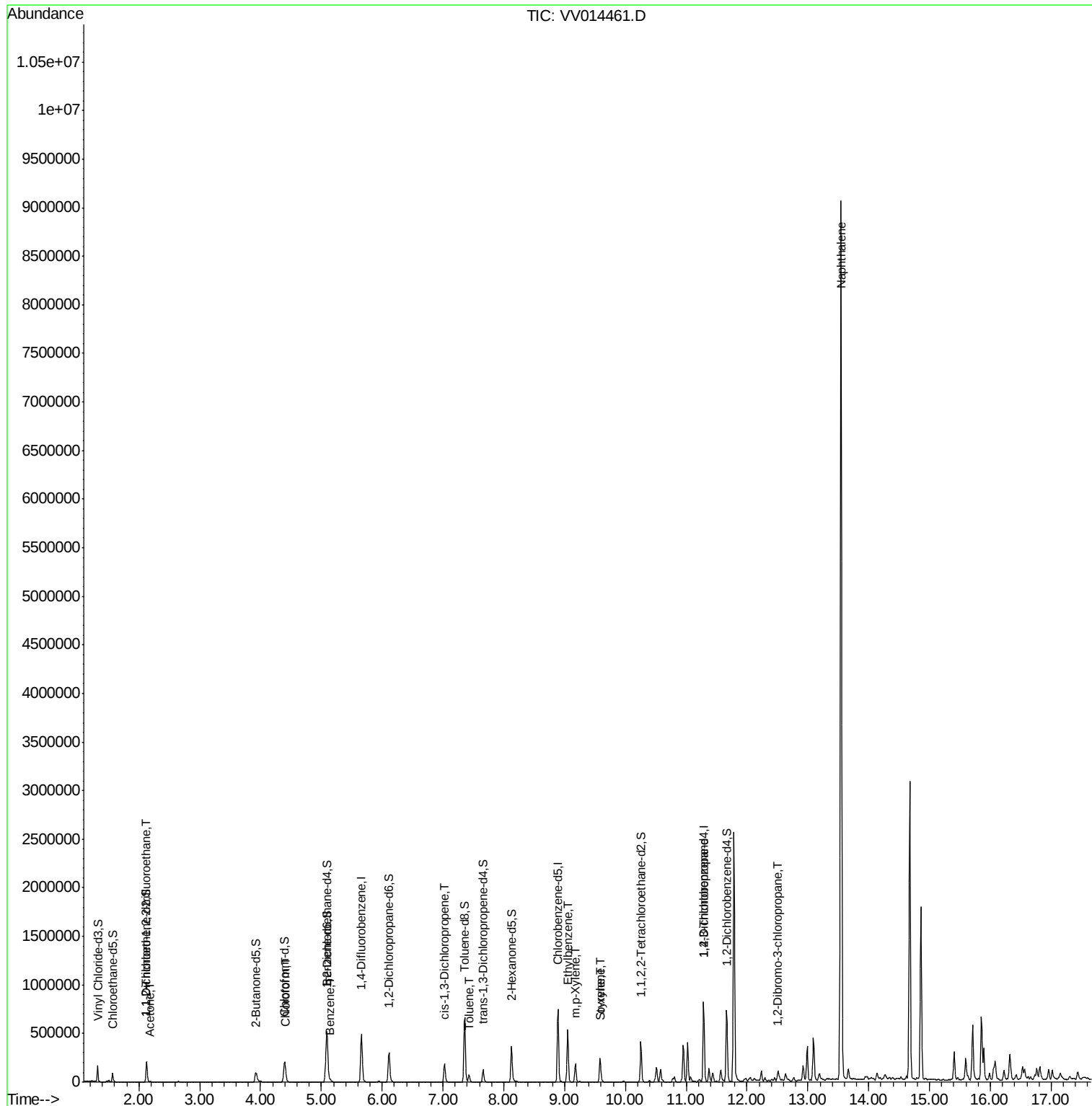
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1139	0.710 ug/L #	19
13) Acetone	2.19	43	2013	1.490 ug/L	95
25) Chloroform	4.42	83	4058	0.789 ug/L	96
33) Benzene	5.15	78	16263	1.363 ug/L	100
39) cis-1,3-Dichloropropene	7.03	75	4389	0.895 ug/L #	50
42) Toluene	7.43	91	51277	4.107 ug/L	99
52) Ethylbenzene	9.05	91	379283	27.064 ug/L	100
53) m,p-Xylene	9.18	106	55638	10.632 ug/L	99
54) o-xylene	9.58	106	64779	12.493 ug/L	98
55) Styrene	9.60	104	14119	1.622 ug/L #	79
59) 1,2,3-Trichloropropane	11.29	75	24826	7.048 ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.52	75	1335	1.318 ug/L #	3
69) Naphthalene	13.55	128	7101009	568.421 ug/L	99

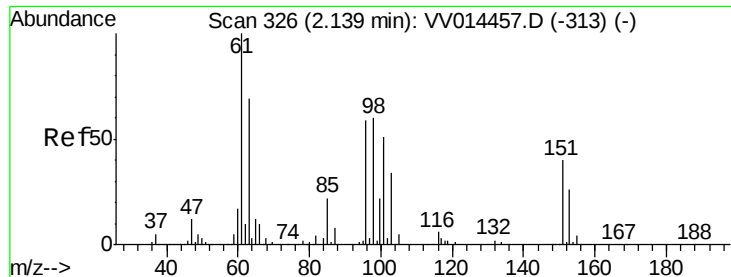
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.710 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014461.D

Acq: 31 Jan 2020 19:48

Instrument :

MSVOA_V

ClientSampleId :

GAT72

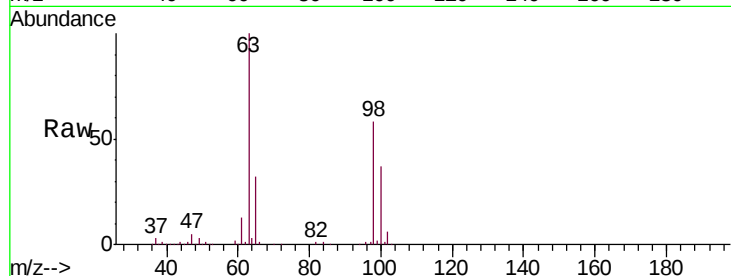
Tgt Ion: 101 Resp: 1139

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

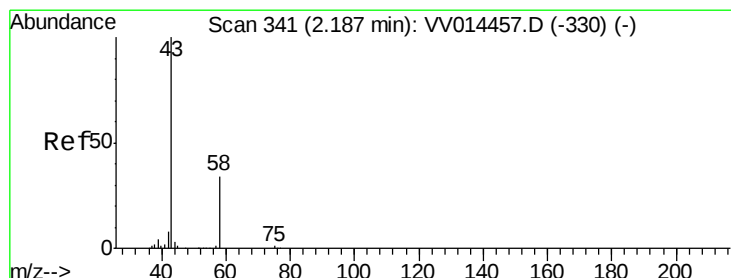
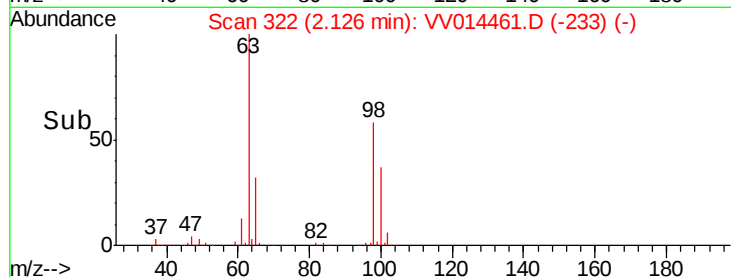
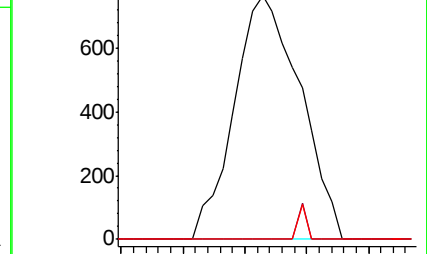
151 0.0 61.2 91.8#



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



#13

Acetone

Concen: 1.490 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV014461.D

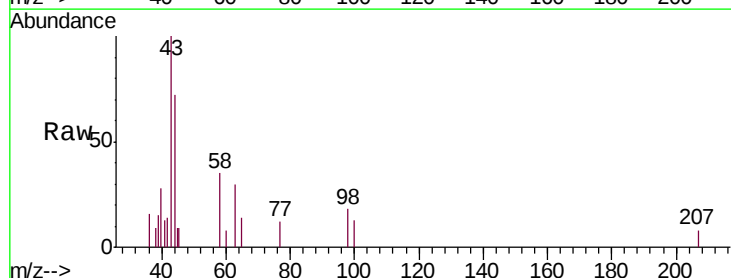
Acq: 31 Jan 2020 19:48

Tgt Ion: 43 Resp: 2013

Ion Ratio Lower Upper

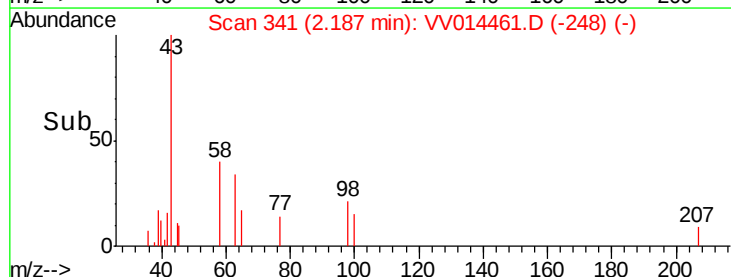
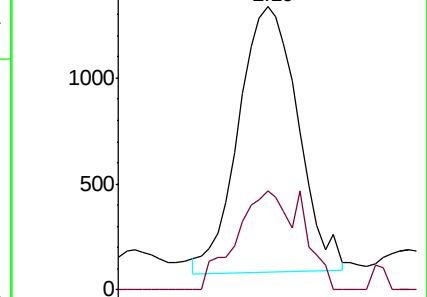
43 100

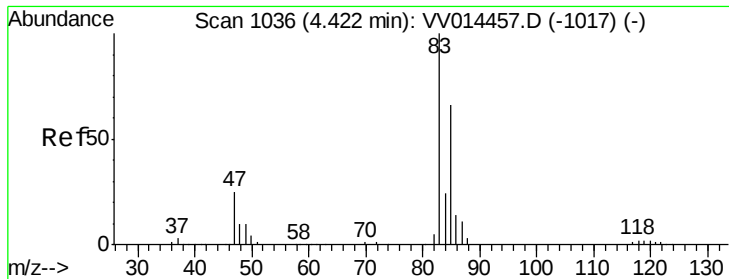
58 27.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

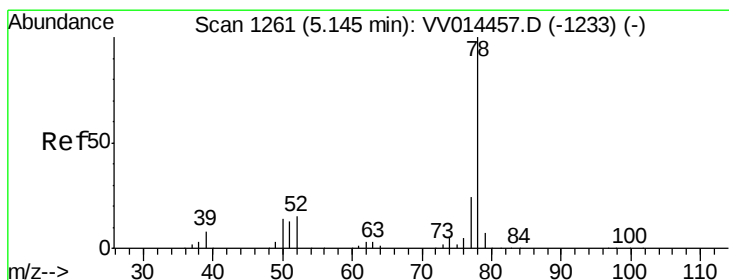
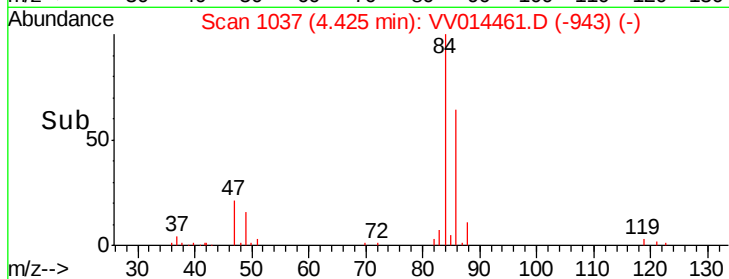
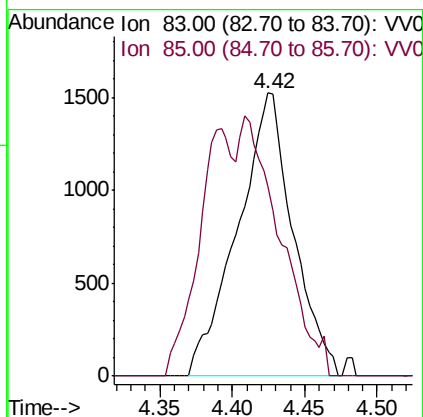
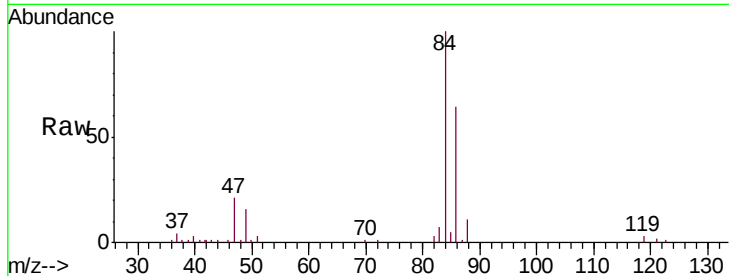




#25
Chloroform
Concen: 0.789 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014461.D
Acq: 31 Jan 2020 19:48

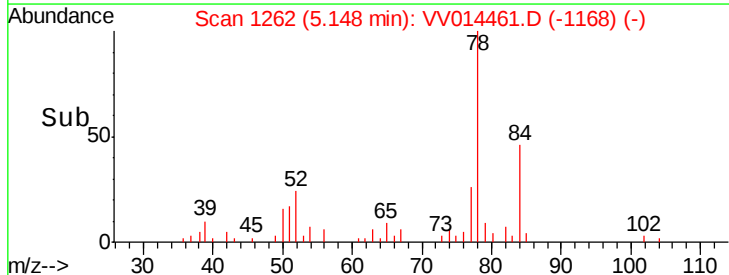
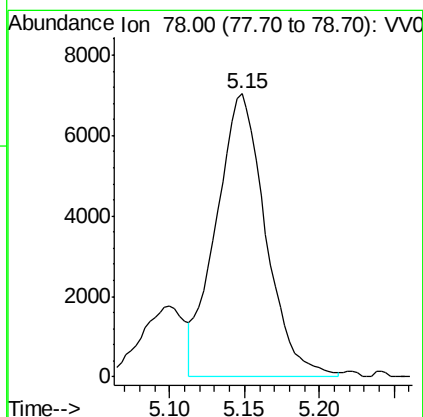
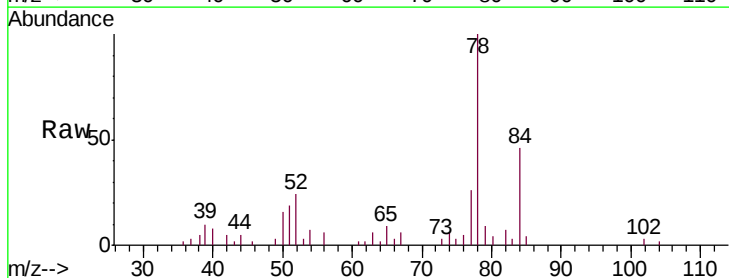
Instrument :
MSVOA_V
ClientSampled :
GAT72

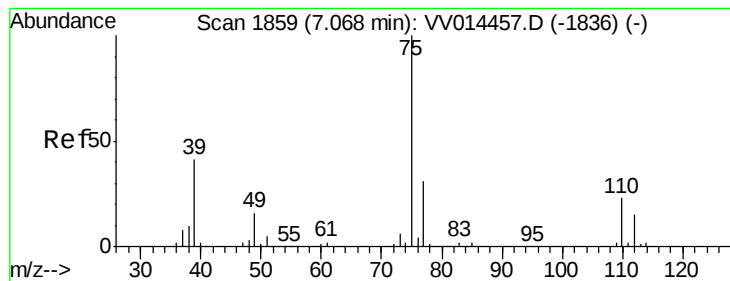
Tgt Ion: 83 Resp: 4058
Ion Ratio Lower Upper
83 100
85 67.2 45.1 83.7



#33
Benzene
Concen: 1.363 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV014461.D
Acq: 31 Jan 2020 19:48

Tgt Ion: 78 Resp: 16263



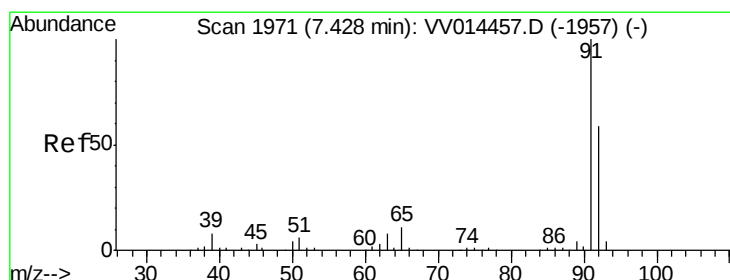
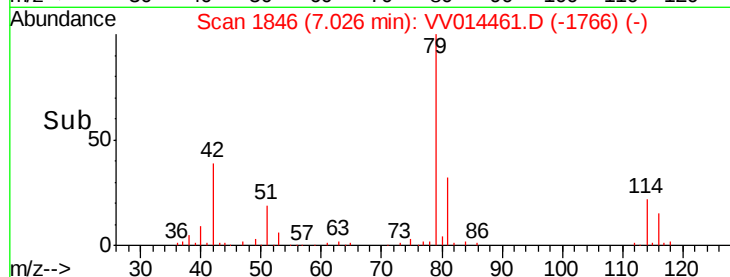
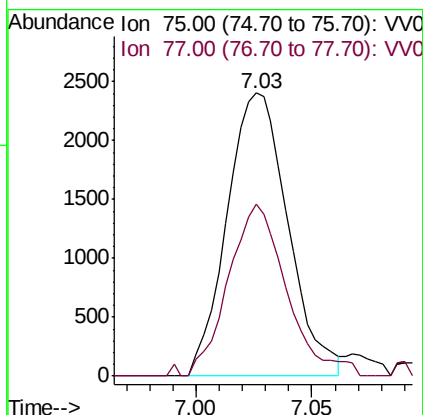
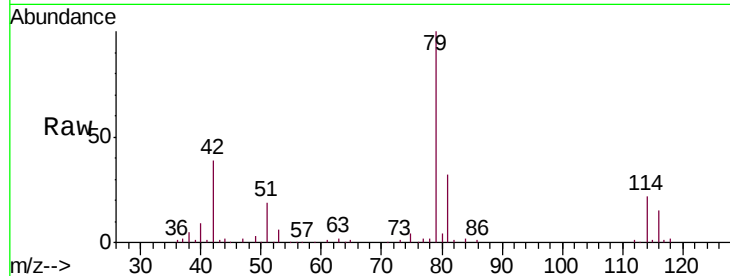


#39

cis-1,3-Dichloropropene
Concen: 0.895 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV014461.D
Acq: 31 Jan 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :
GAT72

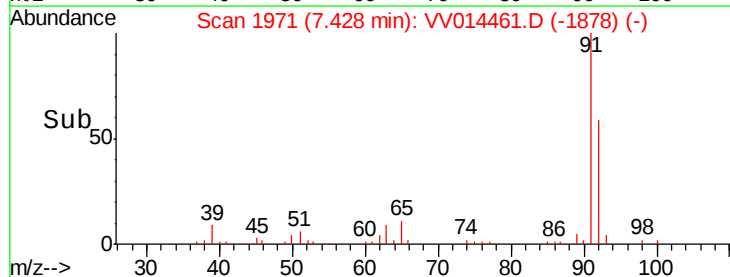
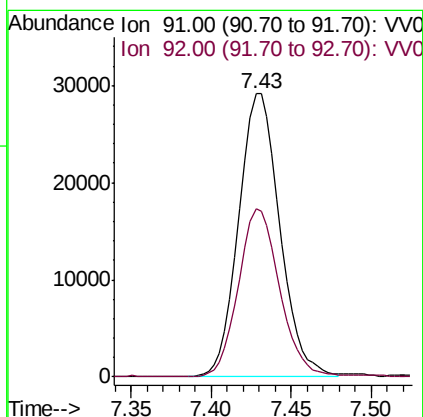
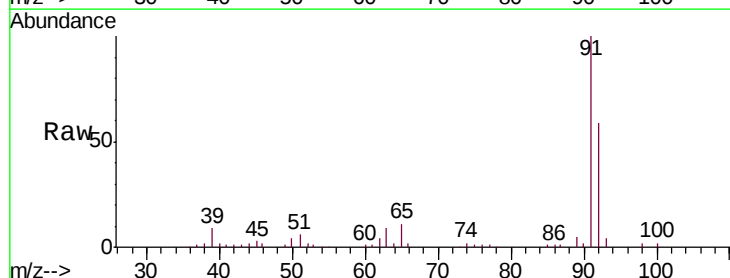
Tgt Ion: 75 Resp: 4389
Ion Ratio Lower Upper
75 100
77 60.6 22.7 42.3#

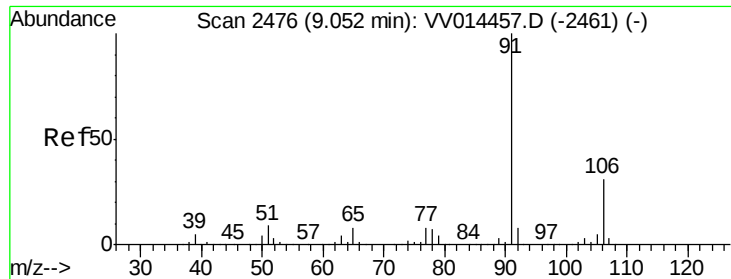


#42

Toluene
Concen: 4.107 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV014461.D
Acq: 31 Jan 2020 19:48

Tgt Ion: 91 Resp: 51277
Ion Ratio Lower Upper
91 100
92 59.2 41.0 76.2





#52

Ethylbenzene

Concen: 27.064 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV014461.D

Acq: 31 Jan 2020 19:48

Instrument :

MSVOA_V

ClientSampled :

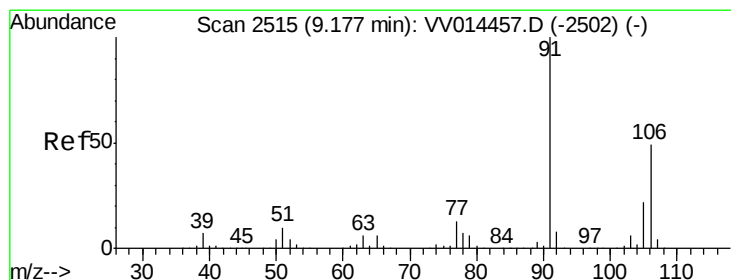
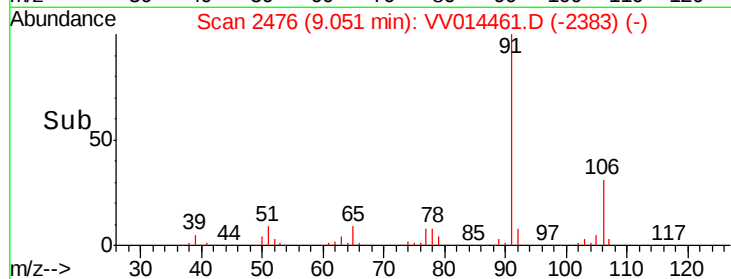
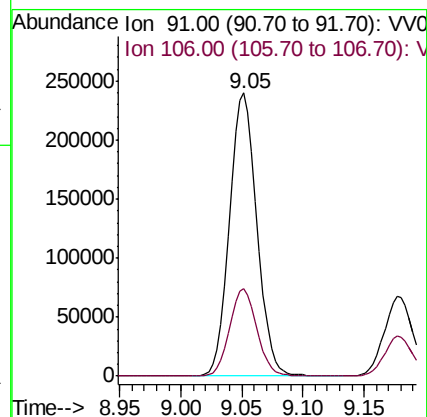
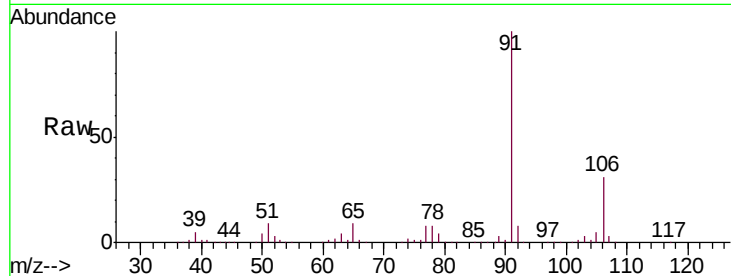
GAT72

Tgt Ion: 91 Resp: 379283

Ion Ratio Lower Upper

91 100

106 31.0 21.8 40.6



#53

m,p-Xylene

Concen: 10.632 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014461.D

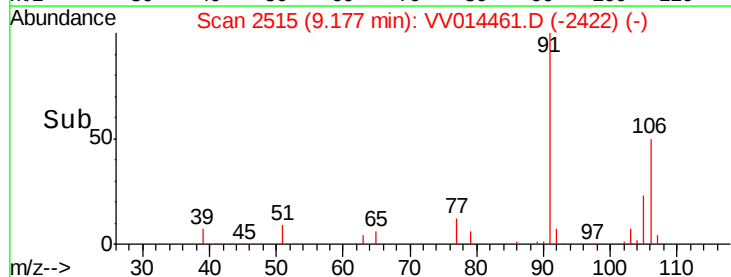
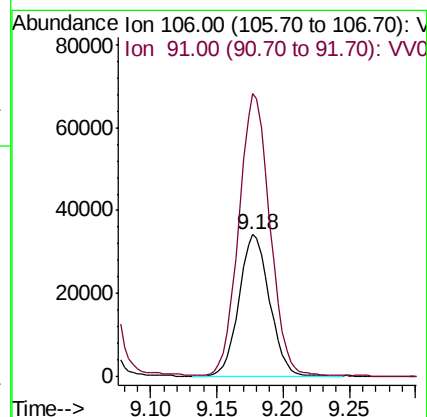
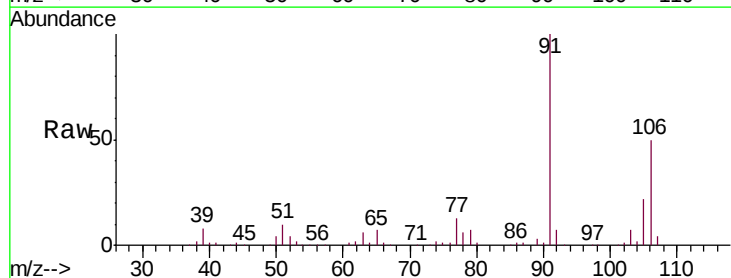
Acq: 31 Jan 2020 19:48

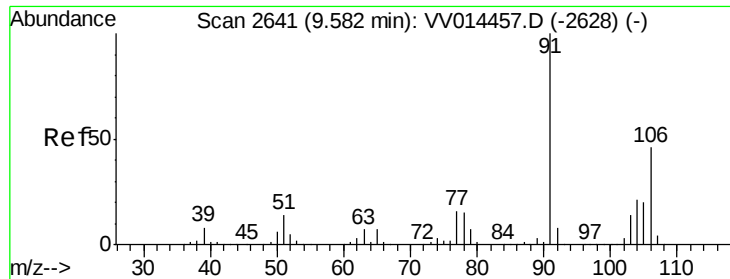
Tgt Ion: 106 Resp: 55638

Ion Ratio Lower Upper

106 100

91 199.4 140.9 261.7

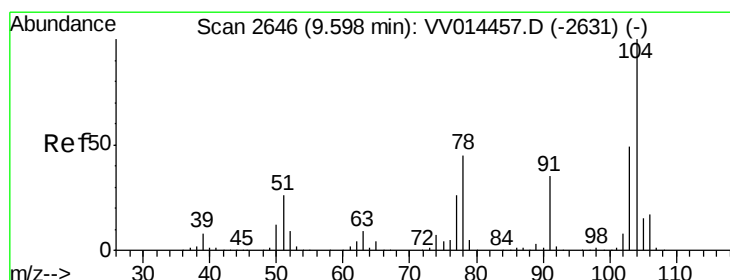
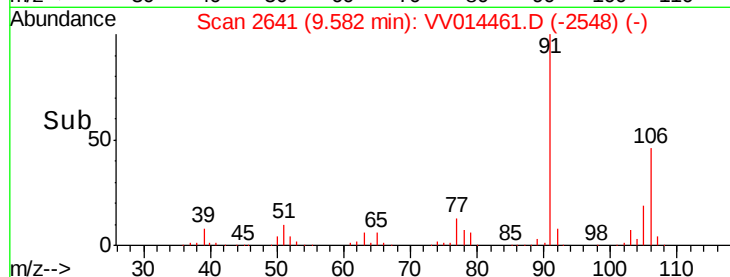
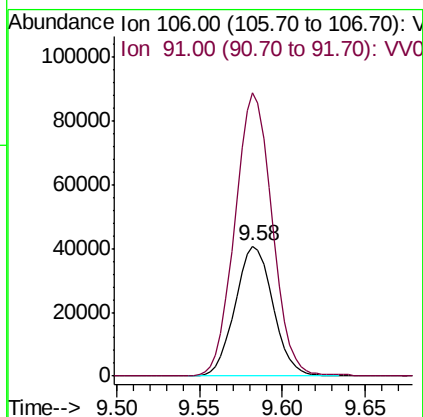
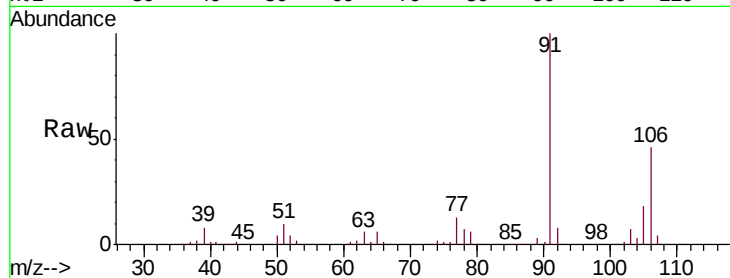




#54
o-xylene
Concen: 12.493 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV014461.D
Acq: 31 Jan 2020 19:48

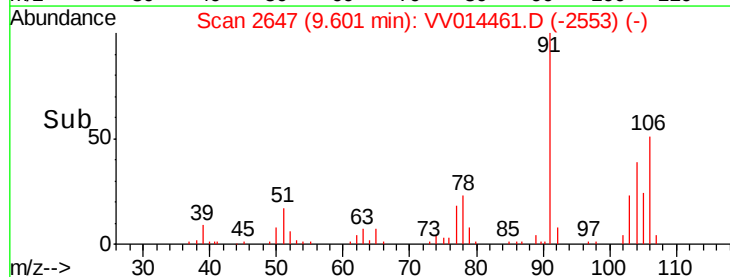
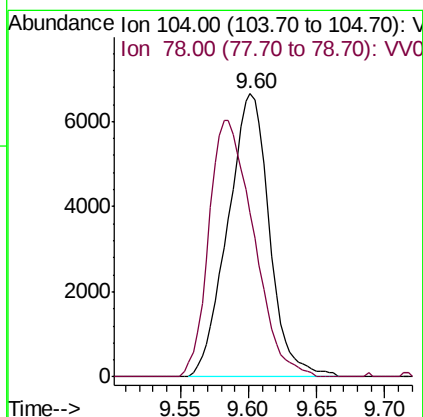
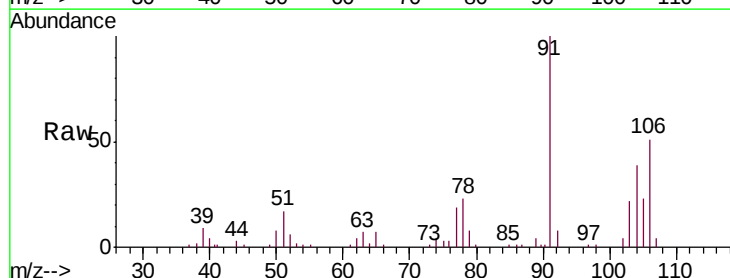
Instrument :
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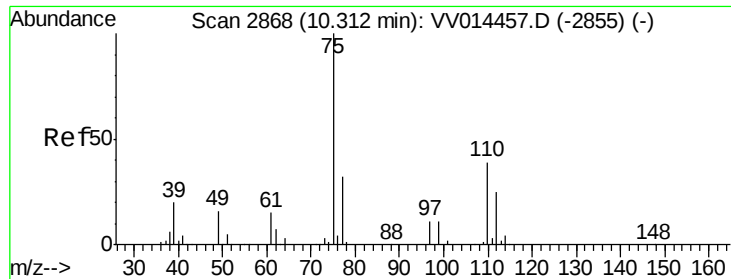
Tgt Ion:106 Resp: 64779
Ion Ratio Lower Upper
106 100
91 217.4 150.4 279.2



#55
Styrene
Concen: 1.622 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV014461.D
Acq: 31 Jan 2020 19:48

Tgt Ion:104 Resp: 14119
Ion Ratio Lower Upper
104 100
78 58.2 31.3 58.1#

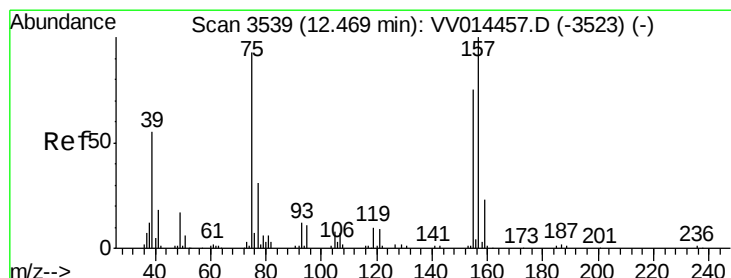
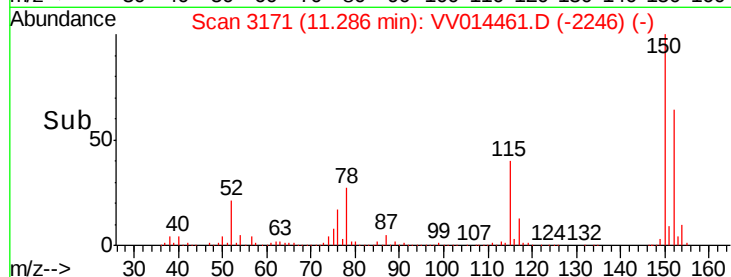
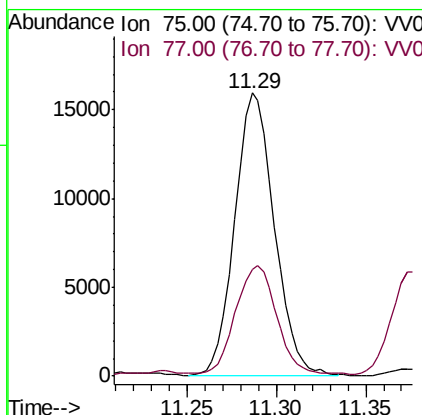
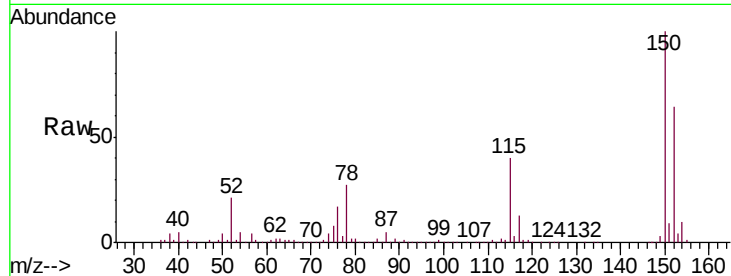




#59
 1,2,3-Trichloropropane
 Concen: 7.048 ug/L
 RT: 11.29 min Scan# 3171
 Delta R.T. 0.97 min
 Lab File: VV014461.D
 Acq: 31 Jan 2020 19:48

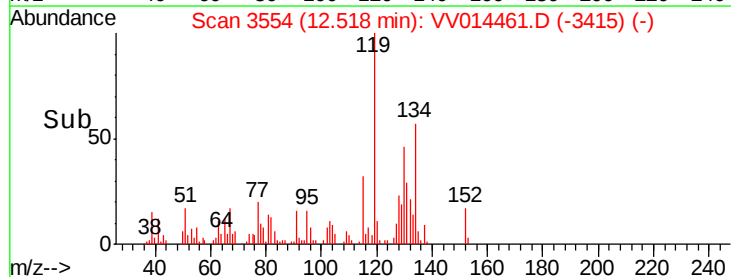
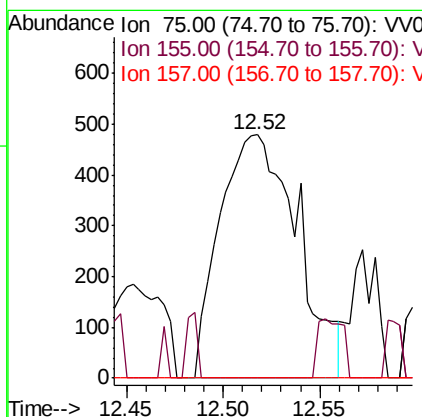
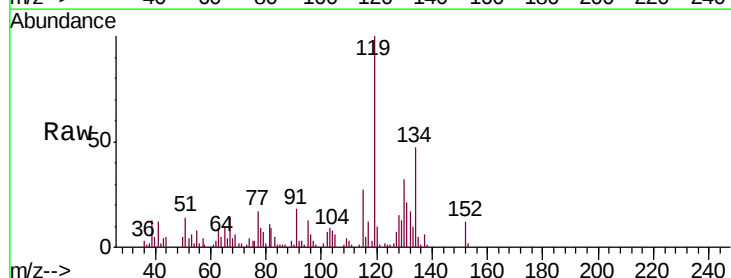
Instrument :
 MSVOA_V
 ClientSampleId :
 GAT72

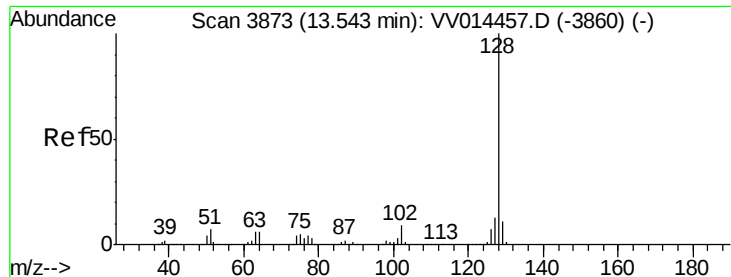
Tgt Ion: 75 Resp: 24826
 Ion Ratio Lower Upper
 75 100
 77 38.6 25.9 38.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.318 ug/L
 RT: 12.52 min Scan# 3554
 Delta R.T. 0.05 min
 Lab File: VV014461.D
 Acq: 31 Jan 2020 19:48

Tgt Ion: 75 Resp: 1335
 Ion Ratio Lower Upper
 75 100
 155 0.0 64.2 96.2#
 157 0.0 83.4 125.2#





#69

Naphthalene

Concen: 568.421 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV014461.D

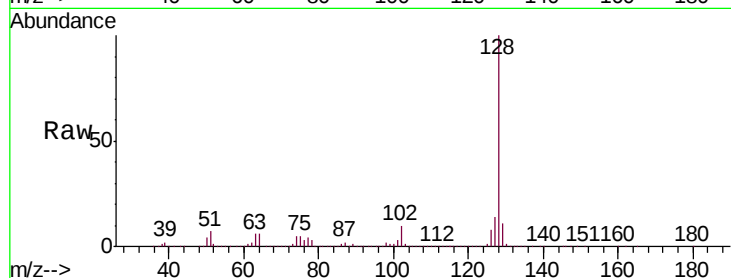
Acq: 31 Jan 2020 19:48

Instrument :

MSVOA_V

ClientSampleId :

GAT72



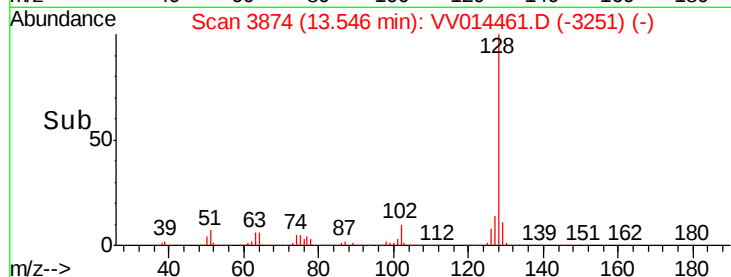
Tgt Ion:128 Resp: 7101009

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	11.3	8.6	13.0

128 100

127 13.3 10.2 15.4

129 11.3 8.6 13.0



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

