

Data File : VU035173.D
Acq On : 15 Oct 2019 00:41
Operator : JC/SP
Sample : K5317-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF0

Quant Time: Oct 15 08:05:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 15 07:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	145781	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	149700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	52213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42412	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	43422	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.26	63	62430	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.17	46	136129	53.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.28%
24) Chloroform-d	4.62	84	83291	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.29	65	51891	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.32	84	162619	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.31	67	60590	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.55	98	137693	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.84	79	17717	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.31	63	91339	45.47	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	51819	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	46630	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

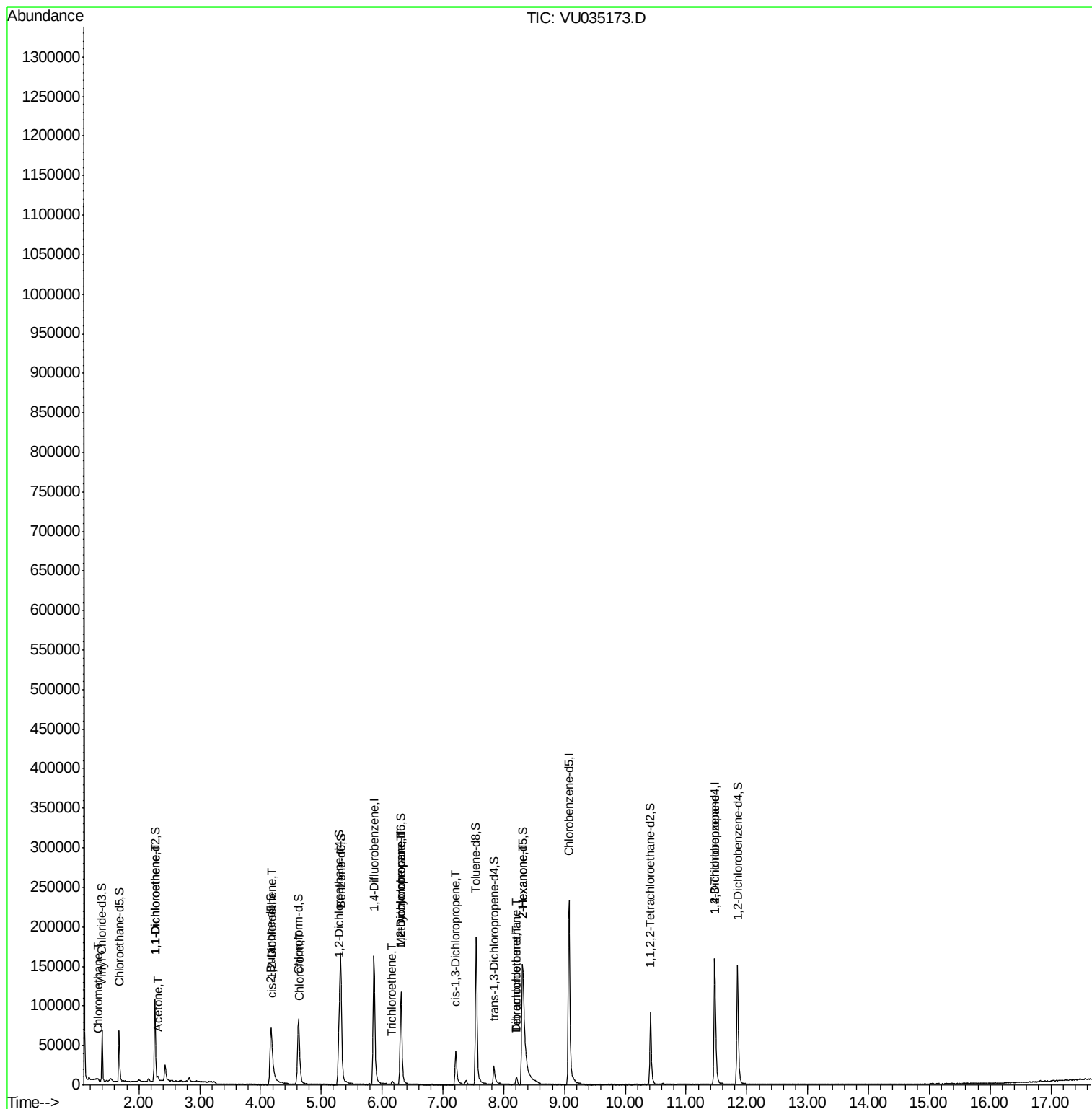
					Qvalue
3) Chloromethane	1.32	50	1706	0.117 ug/L	96
12) 1,1-Dichloroethene	2.27	96	580	0.062 ug/L #	1
13) Acetone	2.31	43	6610	3.180 ug/L	92
22) cis-1,2-Dichloroethene	4.20	96	3729	0.333 ug/L	88
25) Chloroform	4.65	83	6641	0.297 ug/L	96
34) Trichloroethene	6.17	95	1658	0.143 ug/L	88
35) Methylcyclohexane	6.31	83	13319	0.707 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6598	0.542 ug/L #	92
39) cis-1,3-Dichloropropene	7.21	75	1380	0.084 ug/L	90
47) Tetrachloroethene	8.21	164	2459	0.261 ug/L	88
48) 2-Hexanone	8.31	43	11938	2.274 ug/L #	70
49) Dibromochloromethane	8.21	129	2352	0.252 ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	6827	0.867 ug/L #	86

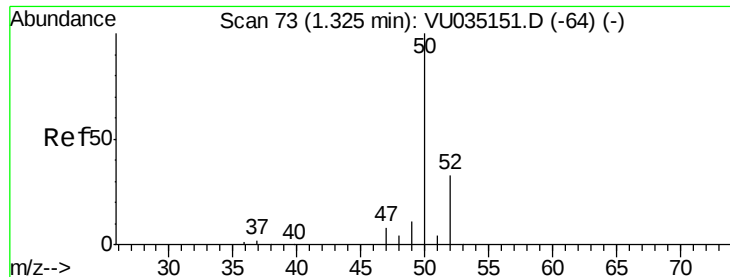
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.117 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU035173.D

Acq: 15 Oct 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

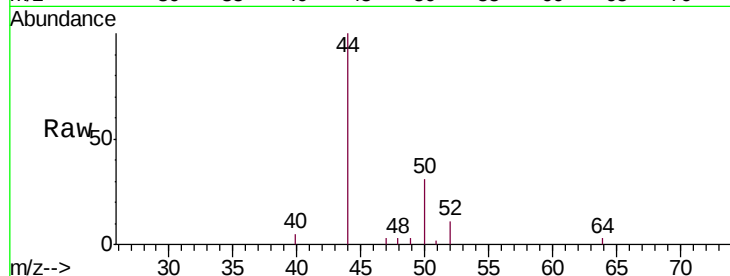
C0CF0

Tgt Ion: 50 Resp: 1706

Ion Ratio Lower Upper

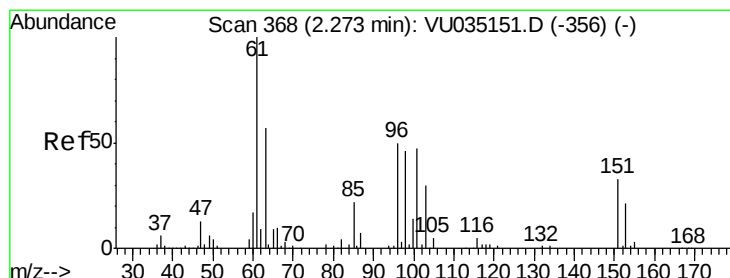
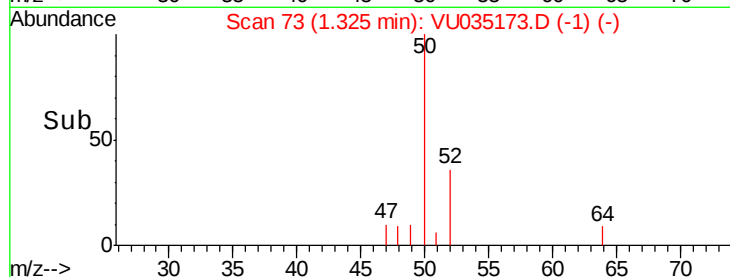
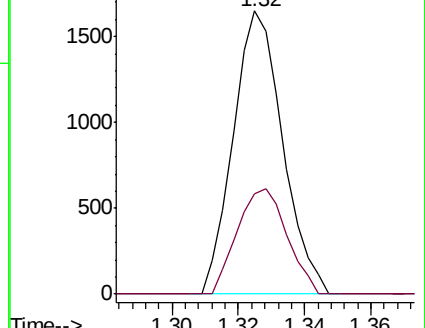
50 100

52 35.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035173.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU035173.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 0.062 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU035173.D

Acq: 15 Oct 2019 00:41

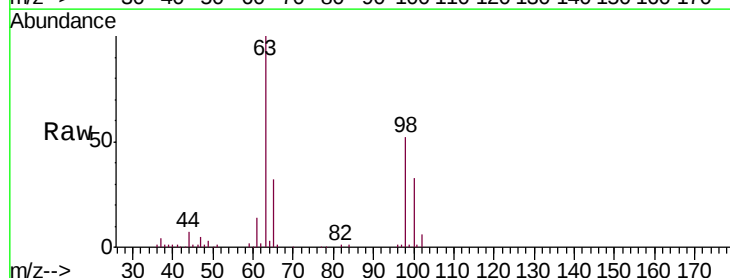
Tgt Ion: 96 Resp: 580

Ion Ratio Lower Upper

96 100

61 1372.7 129.3 240.1#

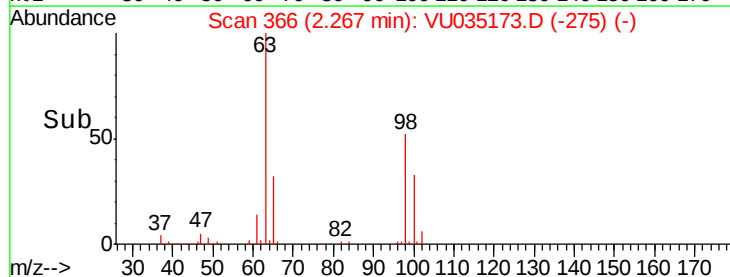
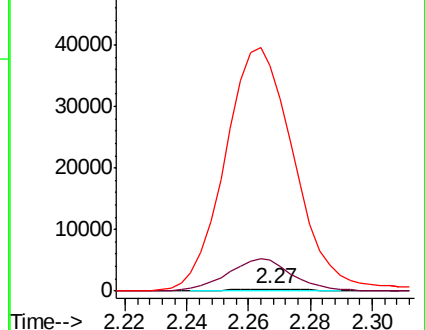
63 10109.1 108.9 202.3#

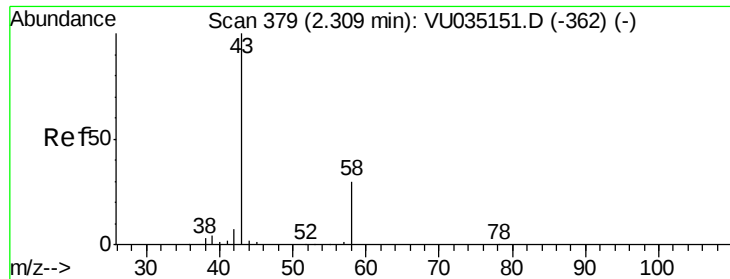


Abundance Ion 96.00 (95.70 to 96.70): VU035173.D (-275) (-)

Ion 61.05 (60.75 to 61.75): VU035173.D (-275) (-)

Ion 63.00 (62.70 to 63.70): VU035173.D (-275) (-)





#13

Acetone

Concen: 3.180 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU035173.D

Acq: 15 Oct 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

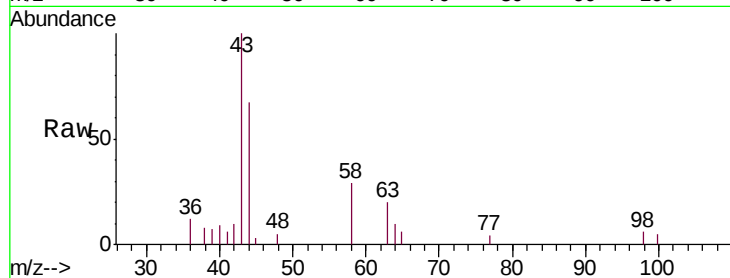
C0CF0

Tgt Ion: 43 Resp: 6610

Ion Ratio Lower Upper

43 100

58 28.5 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035173.D (-380) (-)

Ion 58.05 (57.75 to 58.75): VU035173.D (-380) (-)

2.31

4000

3000

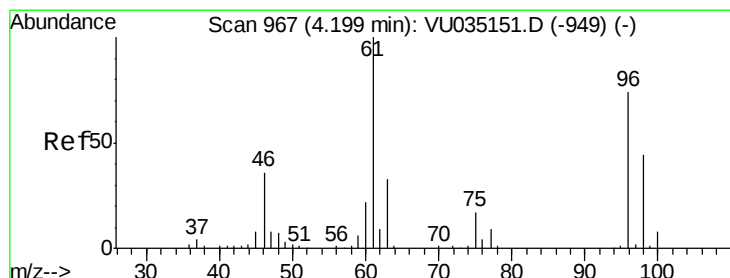
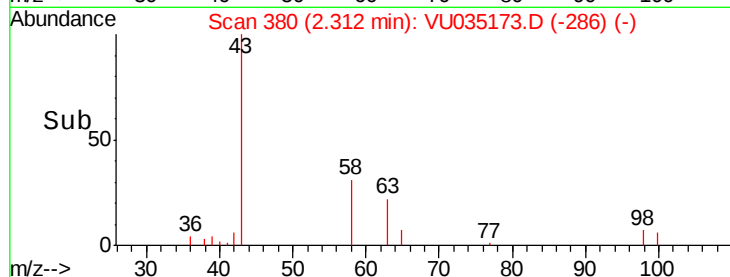
2000

1000

0

Time-->

2.25 2.30 2.35



#22

cis-1,2-Dichloroethene

Concen: 0.333 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU035173.D

Acq: 15 Oct 2019 00:41

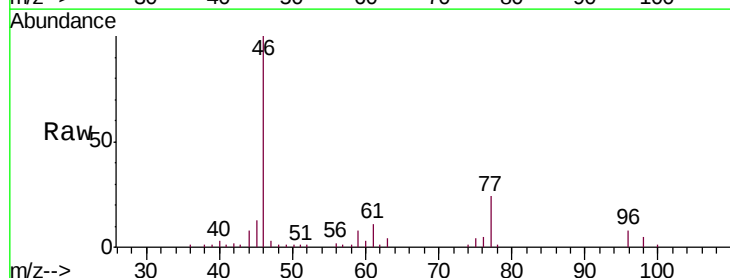
Tgt Ion: 96 Resp: 3729

Ion Ratio Lower Upper

96 100

61 141.7 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035173.D (-874) (-)

Ion 61.05 (60.75 to 61.75): VU035173.D (-874) (-)

Ion 68.15 (67.85 to 68.85): VU035173.D (-874) (-)

4.20

2500

2000

1500

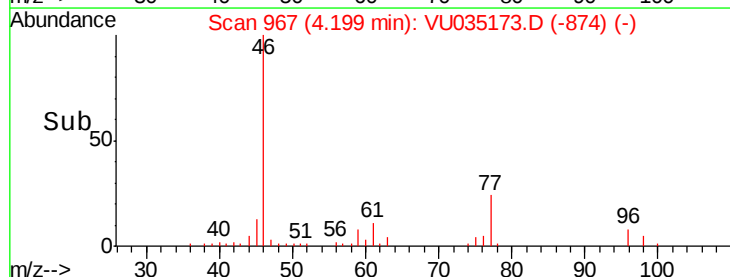
1000

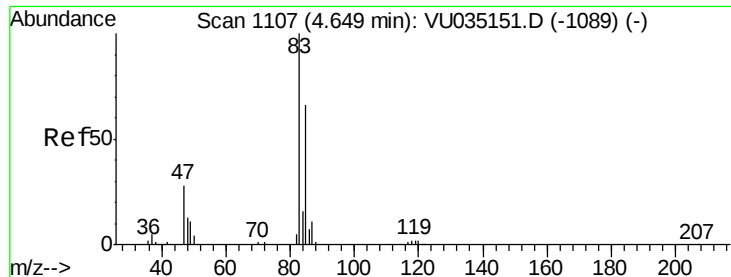
500

0

Time-->

4.15 4.20 4.25





#25

Chloroform

Concen: 0.297 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035173.D

Acq: 15 Oct 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

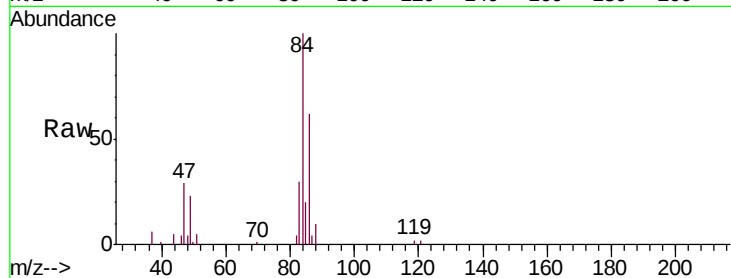
C0CF0

Tgt Ion: 83 Resp: 6641

Ion Ratio Lower Upper

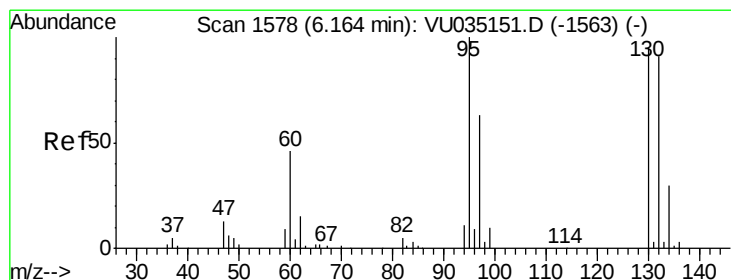
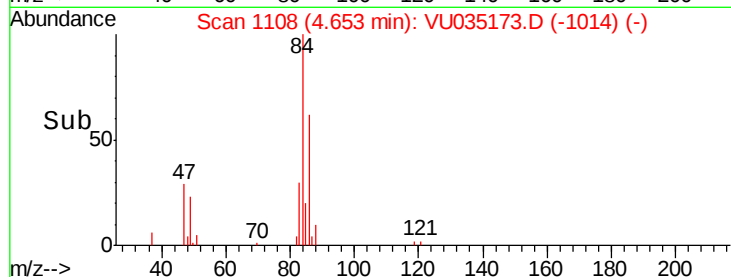
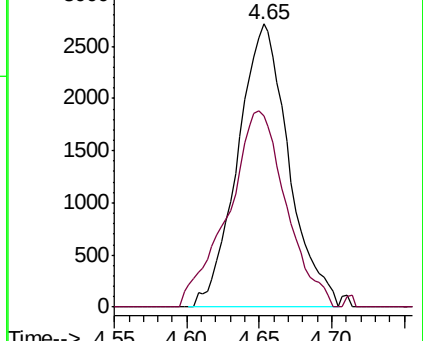
83 100

85 67.7 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035151.D (-1089) (-)

Ion 85.00 (84.70 to 85.70): VU035151.D (-1089) (-)



#34

Trichloroethene

Concen: 0.143 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035173.D

Acq: 15 Oct 2019 00:41

Tgt Ion: 95 Resp: 1658

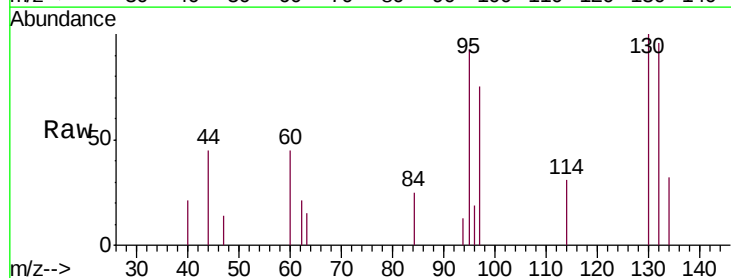
Ion Ratio Lower Upper

95 100

97 80.7 44.5 82.7

132 103.4 66.6 123.8

130 107.9 68.9 127.9

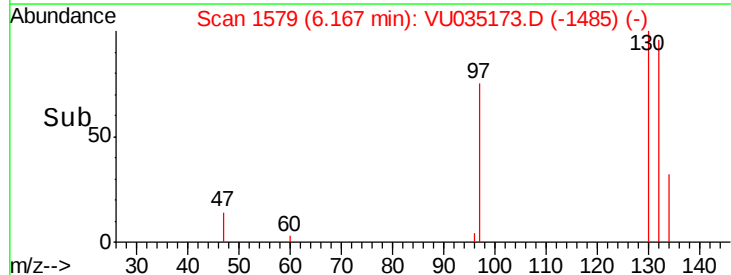
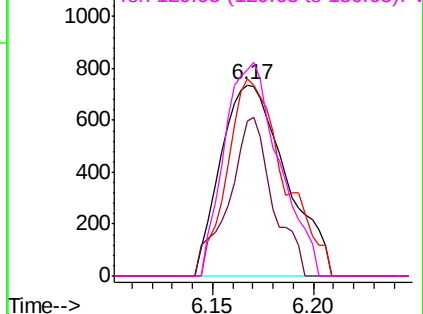


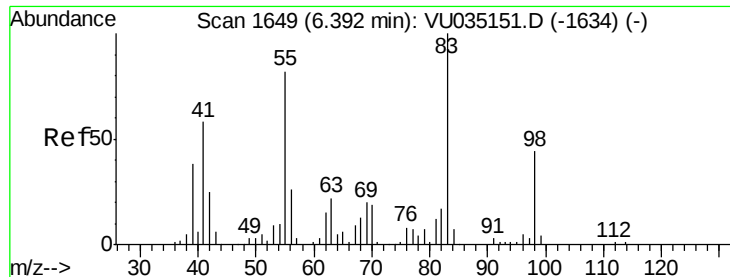
Abundance Ion 95.00 (94.70 to 95.70): VU035151.D (-1563) (-)

Ion 96.95 (96.65 to 97.65): VU035151.D (-1563) (-)

Ion 131.95 (131.65 to 132.65): VU035151.D (-1563) (-)

Ion 129.95 (129.65 to 130.65): VU035151.D (-1563) (-)

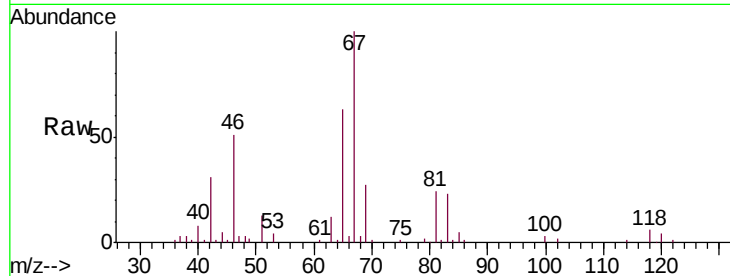




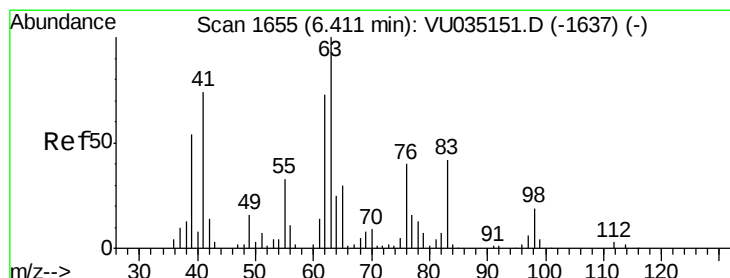
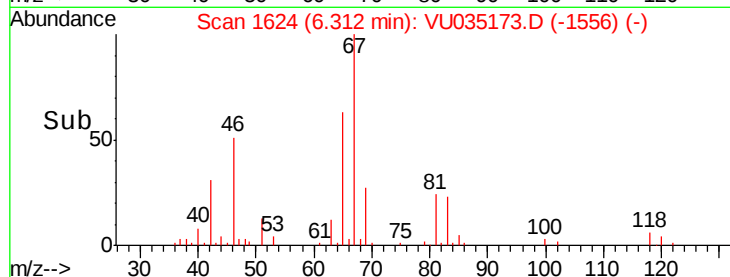
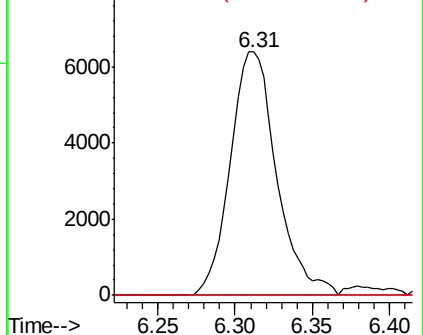
#35
Methylcyclohexane
Concen: 0.707 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035173.D
Acq: 15 Oct 2019 00:41

Instrument :
MSVOA_U
ClientSampleId :
C0CF0

Tgt Ion: 83 Resp: 13319
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 36.2 54.2#

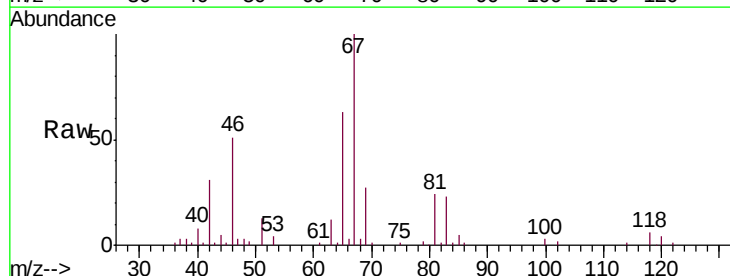


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

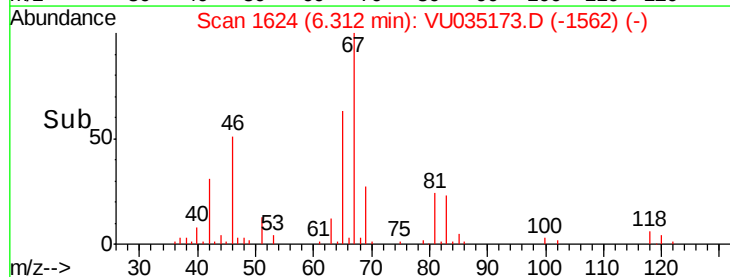
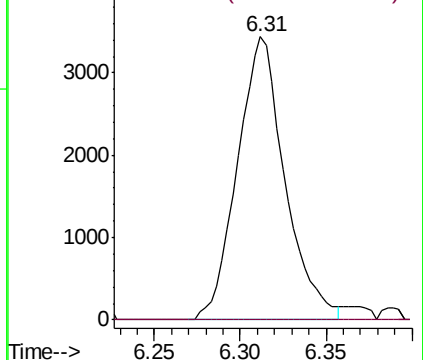


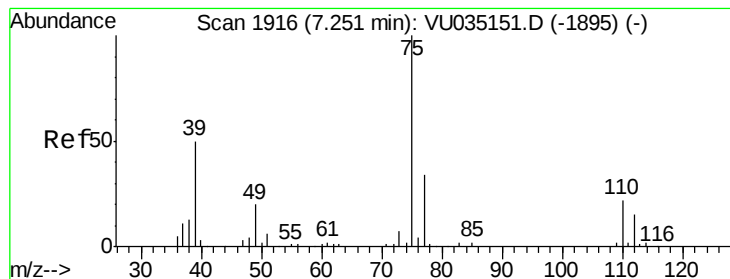
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035173.D
Acq: 15 Oct 2019 00:41

Tgt Ion: 63 Resp: 6598
Ion Ratio Lower Upper
63 100
112 1.4 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



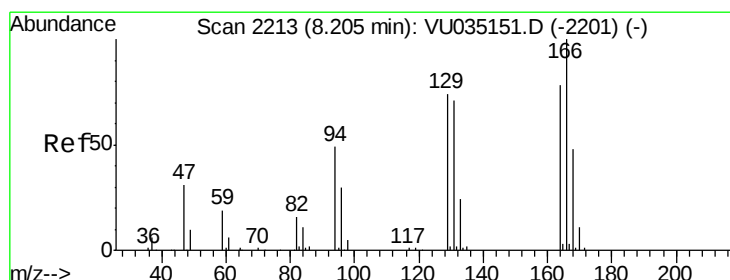
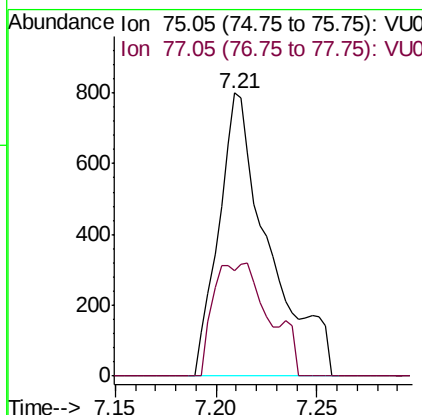
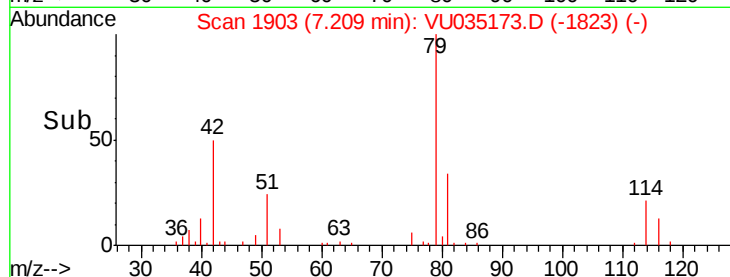
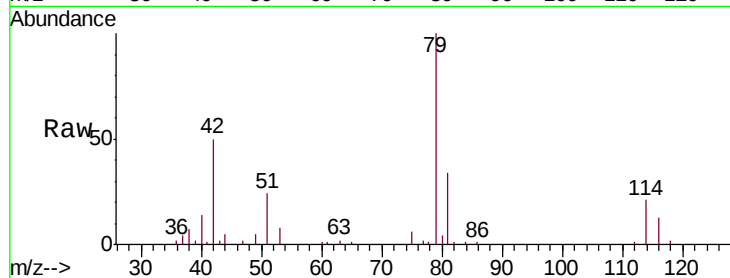


#39

cis-1,3-Dichloropropene
Concen: 0.084 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU035173.D
Acq: 15 Oct 2019 00:41

Instrument :
MSVOA_U
ClientSampleId :
C0CF0

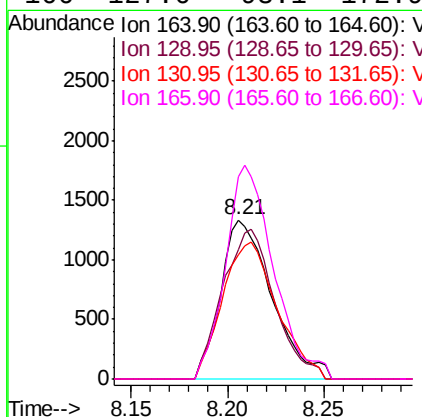
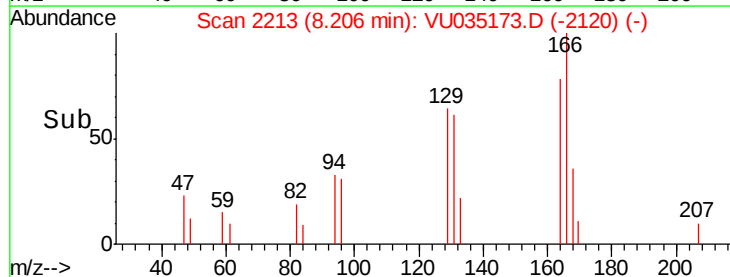
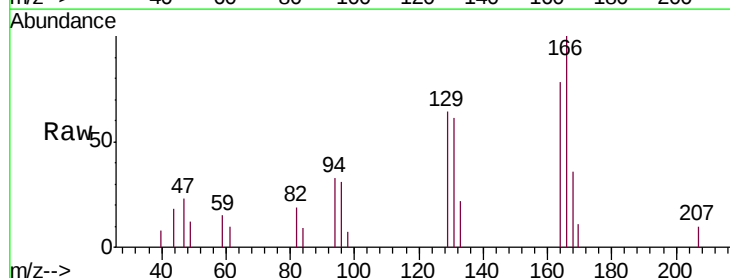
Tgt Ion: 75 Resp: 1380
Ion Ratio Lower Upper
75 100
77 37.2 22.1 41.1

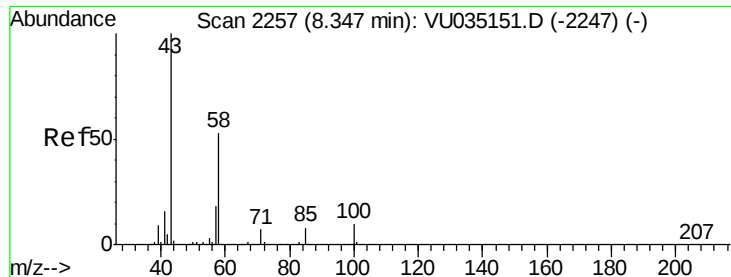


#47

Tetrachloroethene
Concen: 0.261 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU035173.D
Acq: 15 Oct 2019 00:41

Tgt Ion: 164 Resp: 2459
Ion Ratio Lower Upper
164 100
129 81.0 68.5 127.1
131 78.4 67.3 124.9
166 127.6 93.1 172.9

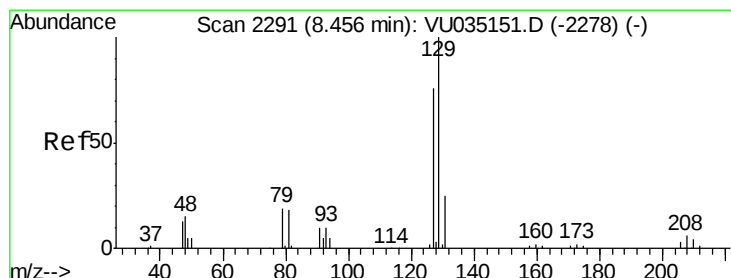
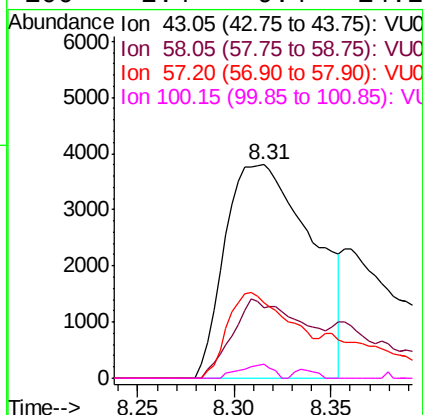
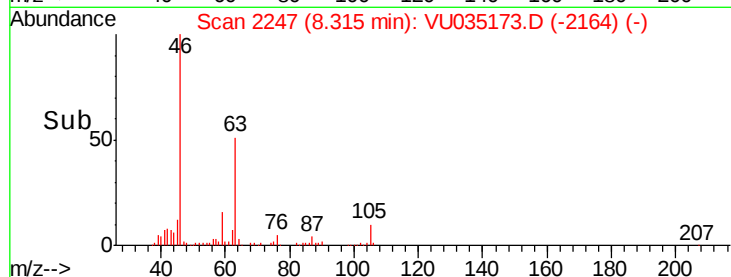
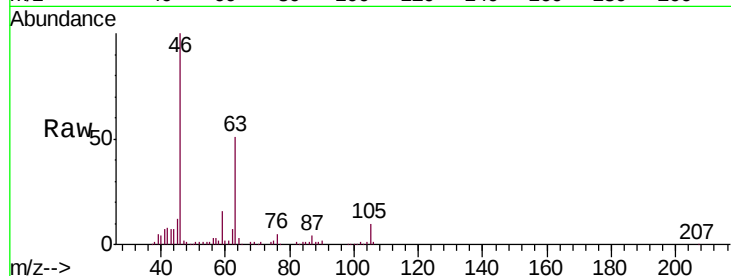




#48
2-Hexanone
Concen: 2.274 ug/L
RT: 8.31 min Scan# 2247
Delta R.T. -0.03 min
Lab File: VU035173.D
Acq: 15 Oct 2019 00:41

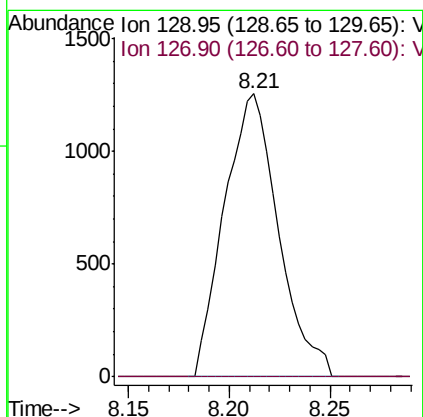
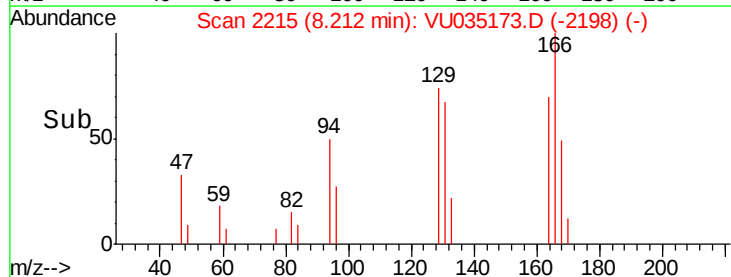
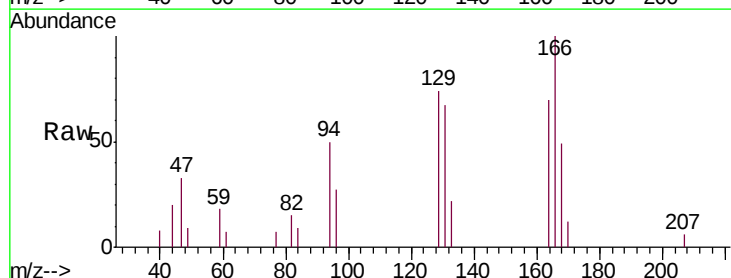
Instrument :
MSVOA_U
ClientSampleId :
C0CF0

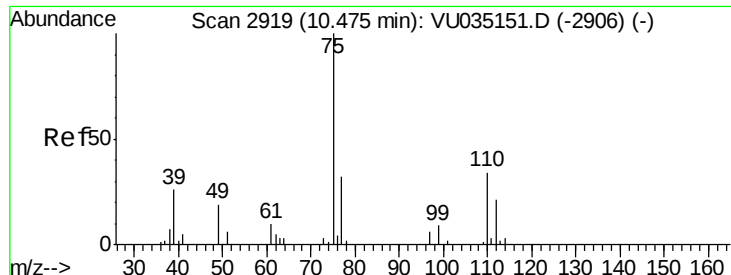
Tgt Ion: 43 Resp: 11938
Ion Ratio Lower Upper
43 100
58 30.5 44.1 66.1#
57 29.3 15.8 23.8#
100 2.4 9.4 14.2#



#49
Dibromochloromethane
Concen: 0.252 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. -0.24 min
Lab File: VU035173.D
Acq: 15 Oct 2019 00:41

Tgt Ion: 129 Resp: 2352
Ion Ratio Lower Upper
129 100
127 0.0 51.9 96.5#





#59

1,2,3-Trichloropropane

Concen: 0.867 ug/L

RT: 11.47 min Scan# 3229

Delta R.T. 1.00 min

Lab File: VU035173.D

Acq: 15 Oct 2019 00:41

Instrument :

MSVOA_U

ClientSampleId :

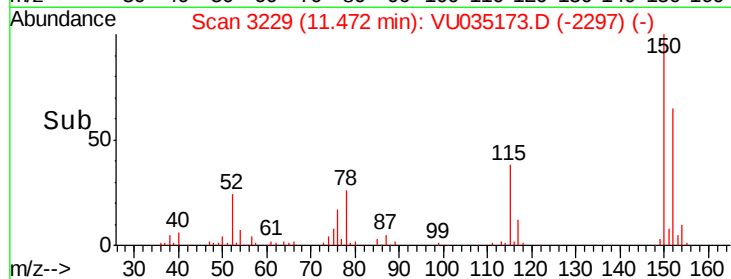
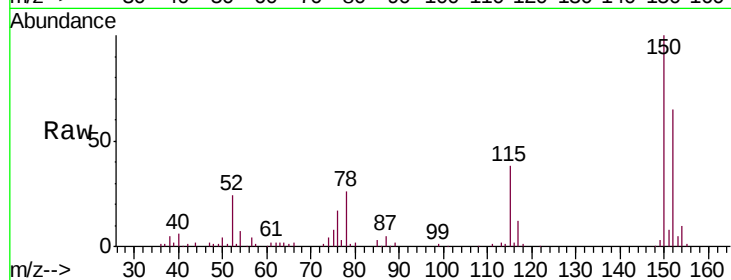
C0CF0

Tgt Ion: 75 Resp: 6827

Ion Ratio Lower Upper

75 100

77 41.1 26.5 39.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

