

Data File : VU032260.D
Acq On : 23 May 2019 10:15
Operator : JC/SP
Sample : K2888-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

Quant Time: May 24 01:37:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 24 01:34:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	335975	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	352946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	137890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	94365	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	91299	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.27	63	131850	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.19	46	267892	50.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.66%
24) Chloroform-d	4.64	84	210736	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.31	65	108237	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.33	84	407695	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.33	67	127225	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.56	98	332667	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	7.85	79	37699	3.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.20%
46) 2-Hexanone-d5	8.31	63	216210	45.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110959	3.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	129047	3.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.00%#

Target Compounds

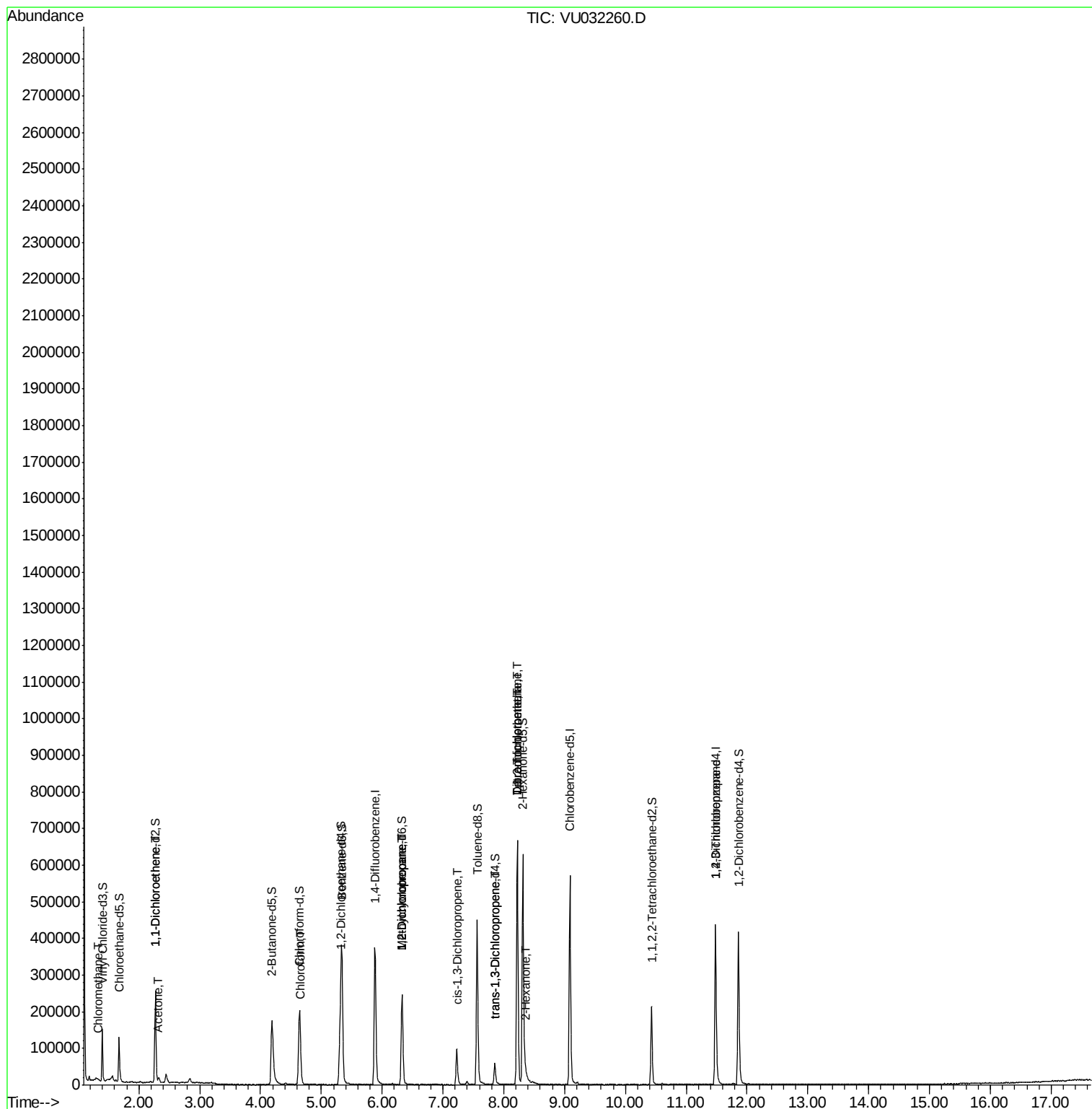
					Qvalue
3) Chloromethane	1.33	50	3666	0.255 ug/L	99
12) 1,1-Dichloroethene	2.27	96	1498	0.125 ug/L #	1
13) Acetone	2.32	43	10187	6.178 ug/L	94
25) Chloroform	4.67	83	4431	0.207 ug/L	79
35) Methylcyclohexane	6.32	83	31124	1.649 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	12296	1.070 ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2647	0.162 ug/L #	67
44) trans-1,3-Dichloropropene	7.85	75	1467	0.114 ug/L	93
45) 1,1,2-Trichloroethane	8.22	97	1247	0.140 ug/L #	1
47) Tetrachloroethene	8.22	164	165421	15.639 ug/L	98
48) 2-Hexanone	8.36	43	5549	1.245 ug/L #	56
49) Dibromochloromethane	8.22	129	149610	14.807 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	13802	1.844 ug/L	99

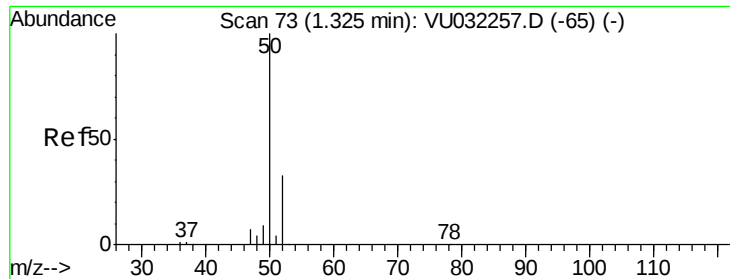
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.255 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU032260.D

Acq: 23 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

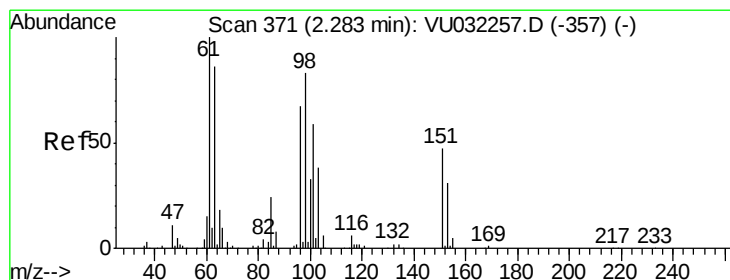
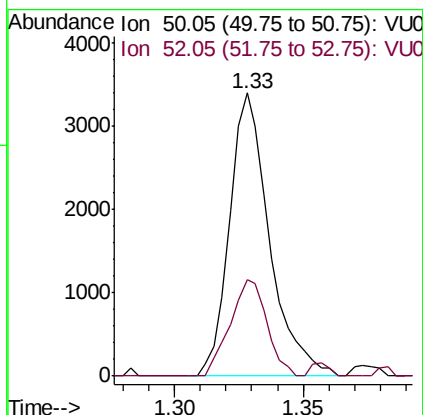
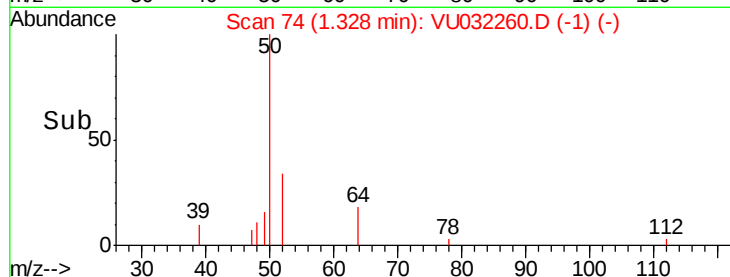
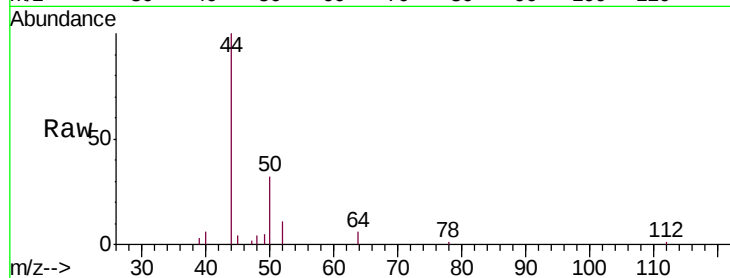
C0BP5

Tgt Ion: 50 Resp: 3666

Ion Ratio Lower Upper

50 100

52 33.9 23.3 43.3



#12

1,1-Dichloroethene

Concen: 0.125 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032260.D

Acq: 23 May 2019 10:15

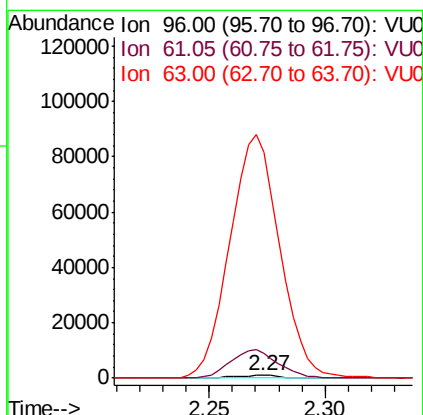
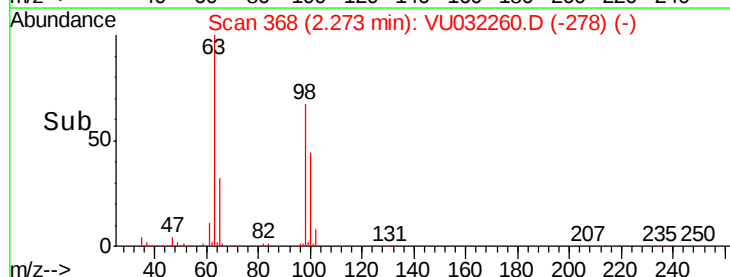
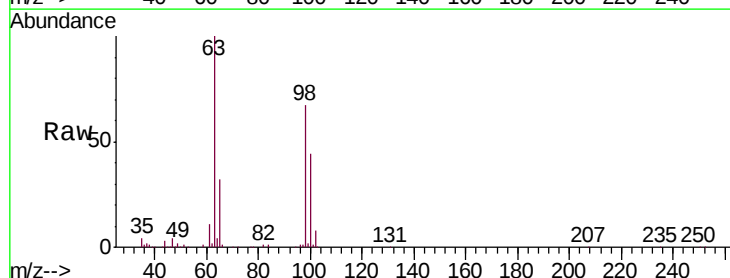
Tgt Ion: 96 Resp: 1498

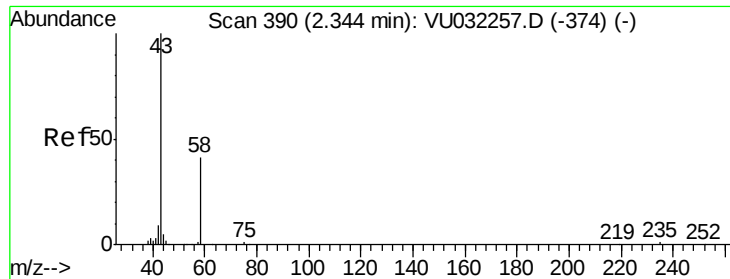
Ion Ratio Lower Upper

96 100

61 864.2 113.8 211.3#

63 7957.9 108.8 202.2#





#13

Acetone

Concen: 6.178 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU032260.D

Acq: 23 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

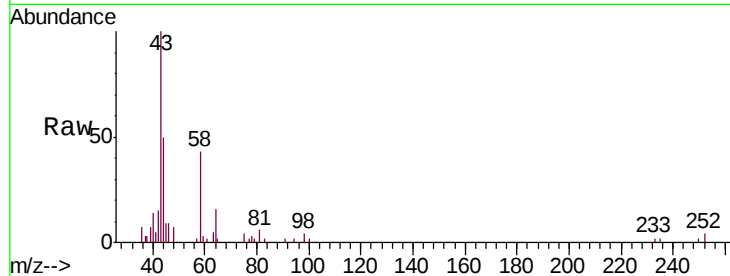
C0BP5

Tgt Ion: 43 Resp: 10187

Ion Ratio Lower Upper

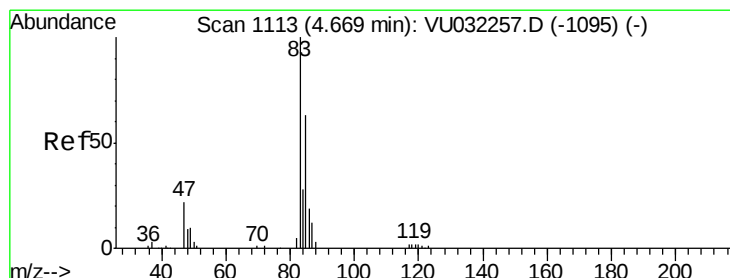
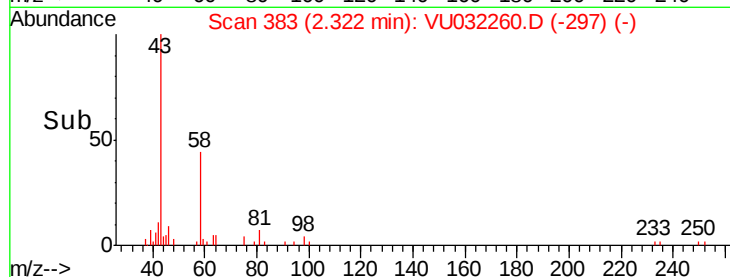
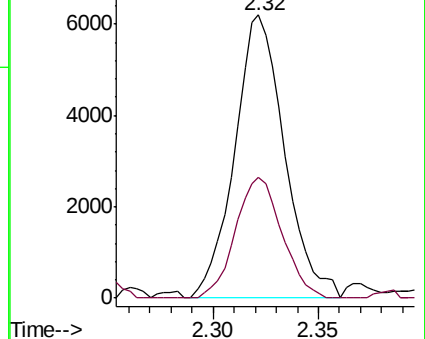
43 100

58 39.7 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032257.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU032257.D (-374) (-)



#25

Chloroform

Concen: 0.207 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU032260.D

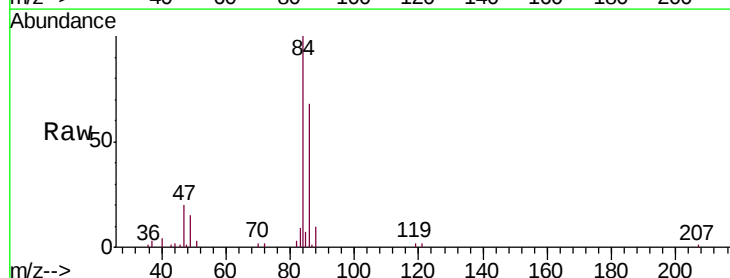
Acq: 23 May 2019 10:15

Tgt Ion: 83 Resp: 4431

Ion Ratio Lower Upper

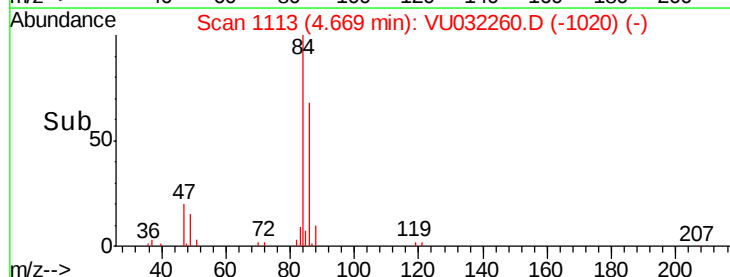
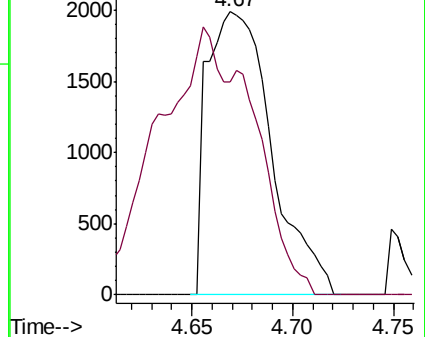
83 100

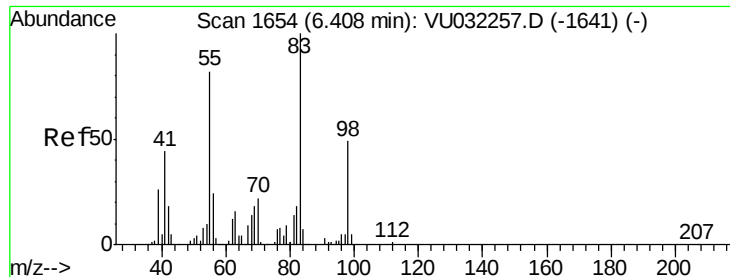
85 75.3 41.6 77.3



Abundance Ion 83.05 (82.75 to 83.75): VU032257.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU032257.D (-1095) (-)





#35

Methylcyclohexane

Concen: 1.649 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032260.D

Acq: 23 May 2019 10:15

Instrument :

MSVOA_U

ClientSampled :

C0BP5

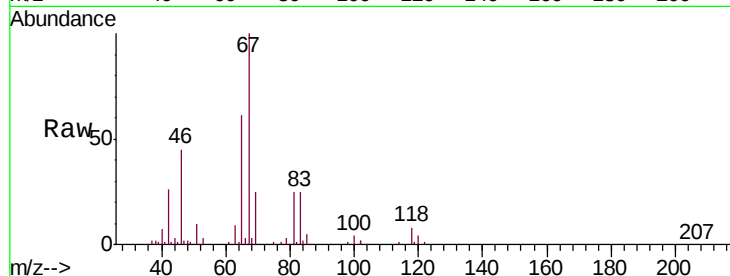
Tgt Ion: 83 Resp: 31124

Ion Ratio Lower Upper

83 100

55 0.5 59.7 89.5#

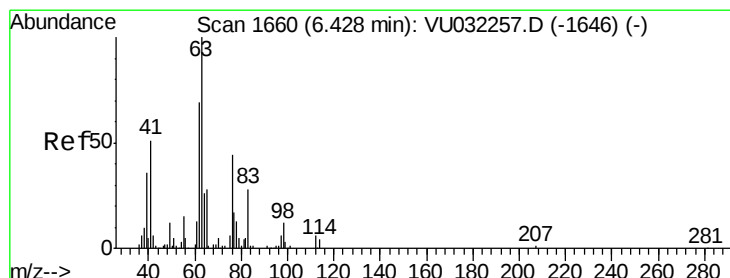
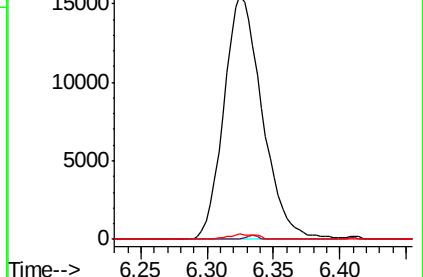
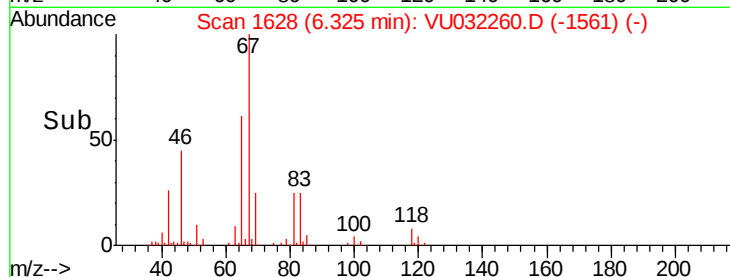
98 1.5 37.5 56.3#



Abundance Ion 83.15 (82.85 to 83.85): VU032260.D (-1628) (-)

Ion 55.10 (54.80 to 55.80): VU032260.D (-1628) (-)

Ion 98.15 (97.85 to 98.85): VU032260.D (-1628) (-)



#37

1,2-Dichloropropane

Concen: 1.070 ug/L

RT: 6.33 min Scan# 1630

Delta R.T. -0.10 min

Lab File: VU032260.D

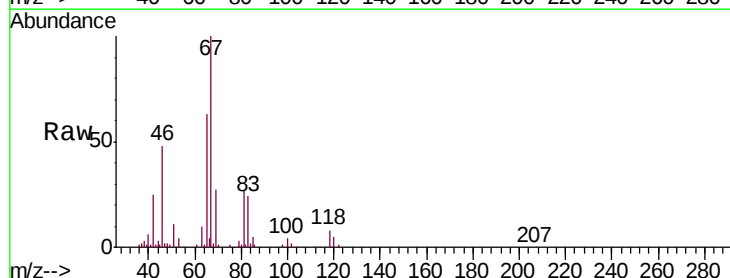
Acq: 23 May 2019 10:15

Tgt Ion: 63 Resp: 12296

Ion Ratio Lower Upper

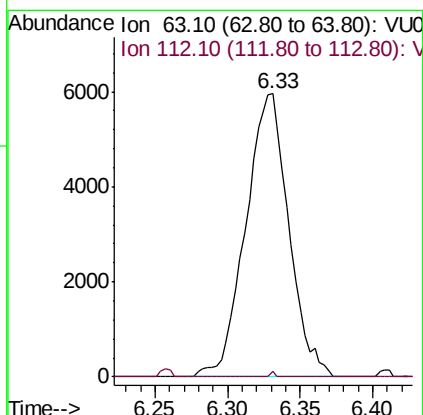
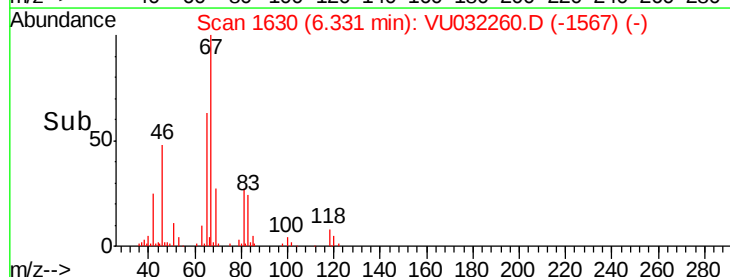
63 100

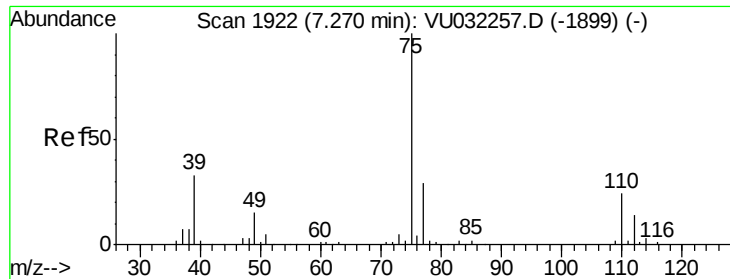
112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU032260.D (-1630) (-)

Ion 112.10 (111.80 to 112.80): VU032260.D (-1630) (-)



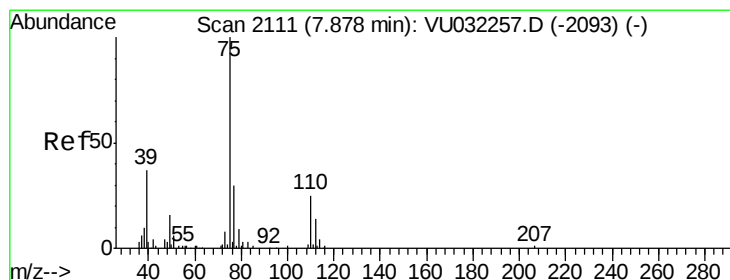
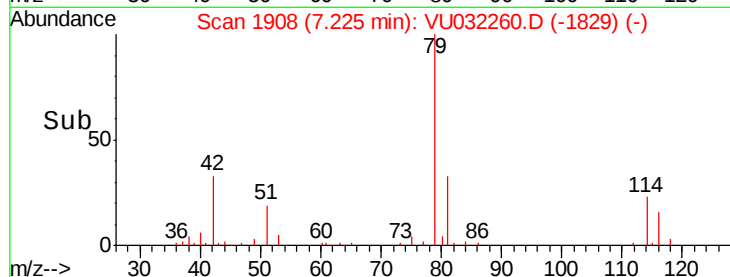
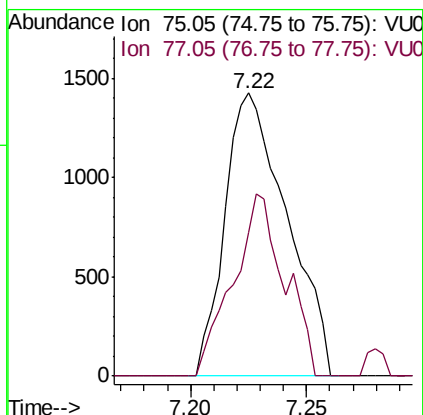
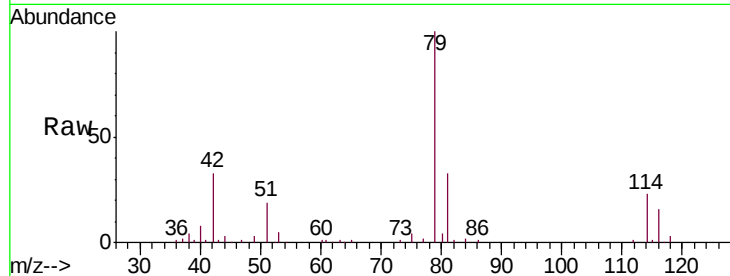


#39

cis-1,3-Dichloropropene
Concen: 0.162 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU032260.D
Acq: 23 May 2019 10:15

Instrument :
MSVOA_U
ClientSampleId :
C0BP5

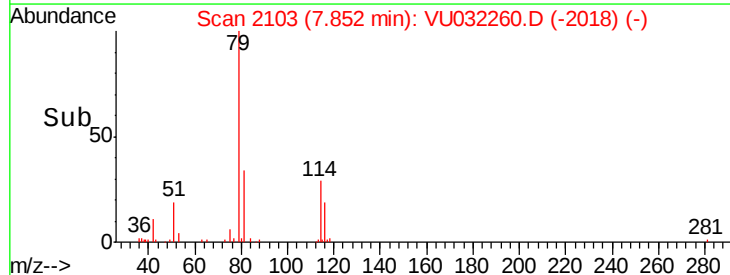
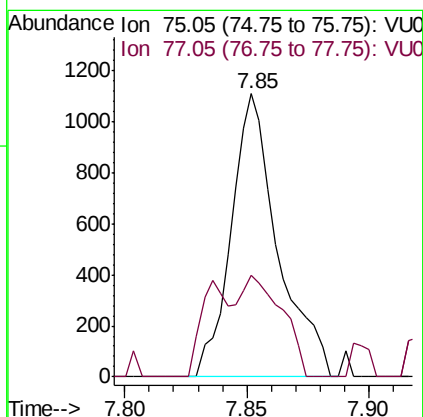
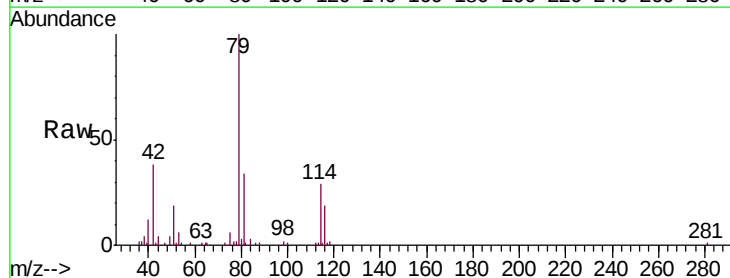
Tgt Ion: 75 Resp: 2647
Ion Ratio Lower Upper
75 100
77 50.9 22.6 42.0#

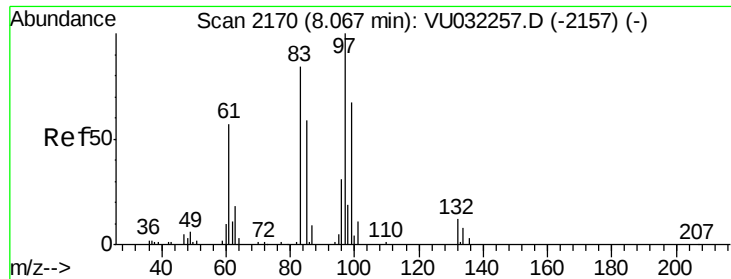


#44

trans-1,3-Dichloropropene
Concen: 0.114 ug/L
RT: 7.85 min Scan# 2103
Delta R.T. -0.03 min
Lab File: VU032260.D
Acq: 23 May 2019 10:15

Tgt Ion: 75 Resp: 1467
Ion Ratio Lower Upper
75 100
77 35.9 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 0.140 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.15 min

Lab File: VU032260.D

Acq: 23 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

C0BP5

Tgt Ion: 97 Resp: 1247

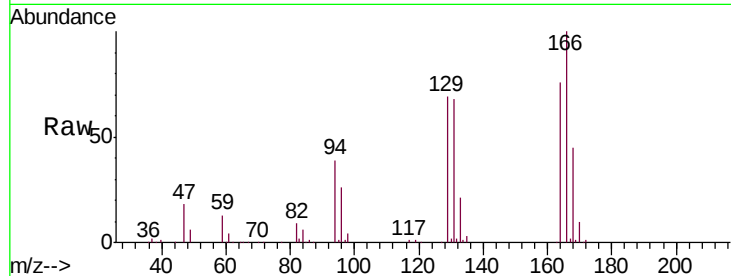
Ion Ratio Lower Upper

97 100

99 0.0 44.2 82.0#

83 302.0 60.5 112.3#

85 43.9 36.3 67.3

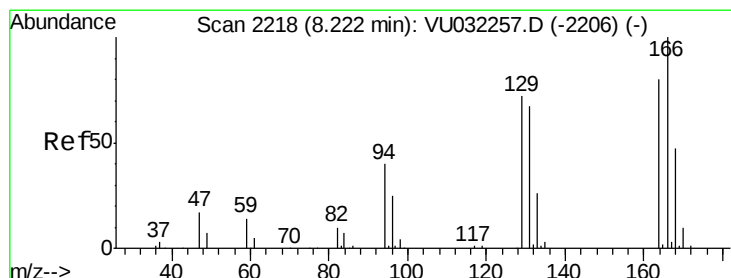
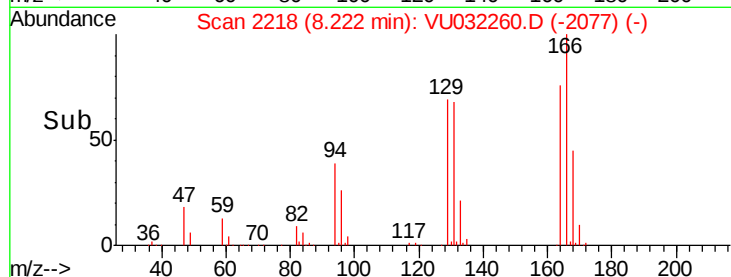
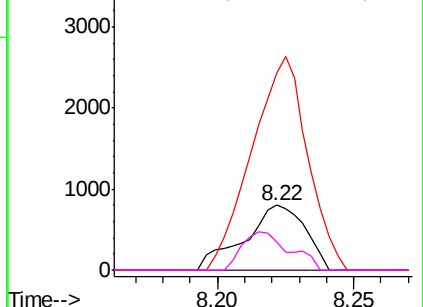


Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0



#47

Tetrachloroethene

Concen: 15.639 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032260.D

Acq: 23 May 2019 10:15

Tgt Ion: 164 Resp: 165421

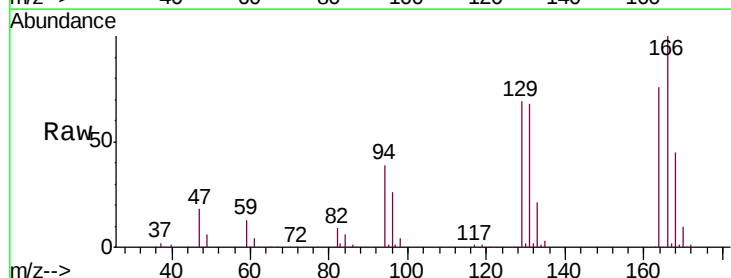
Ion Ratio Lower Upper

164 100

129 91.0 67.1 124.7

131 90.0 62.2 115.4

166 131.5 90.9 168.9

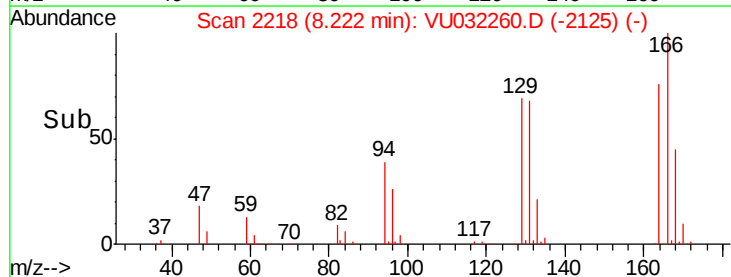
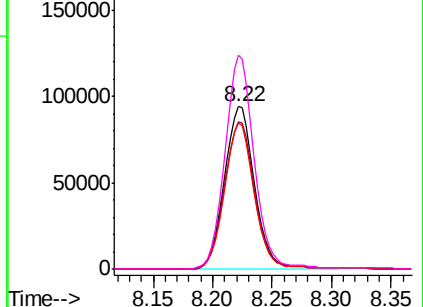


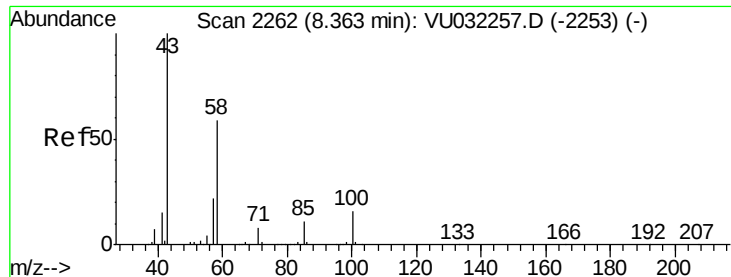
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

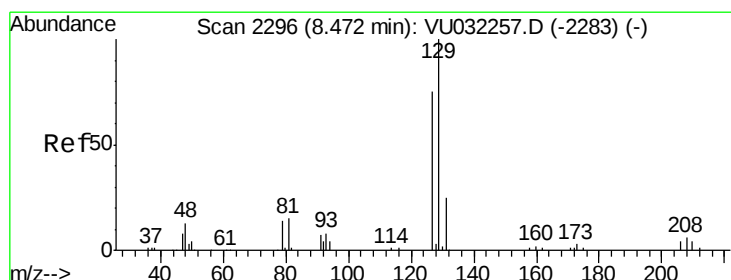
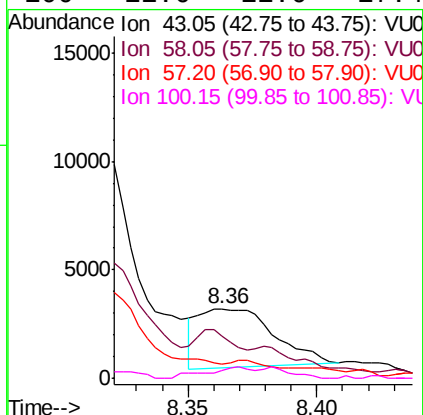
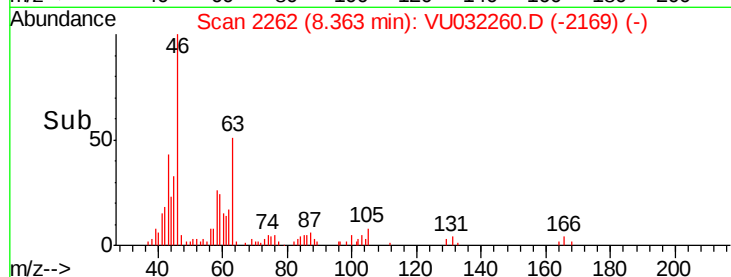
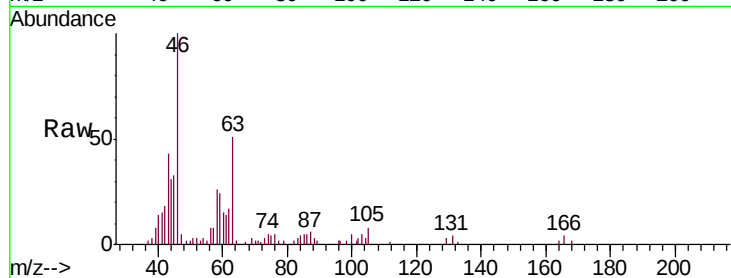




#48
2-Hexanone
Concen: 1.245 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032260.D
Acq: 23 May 2019 10:15

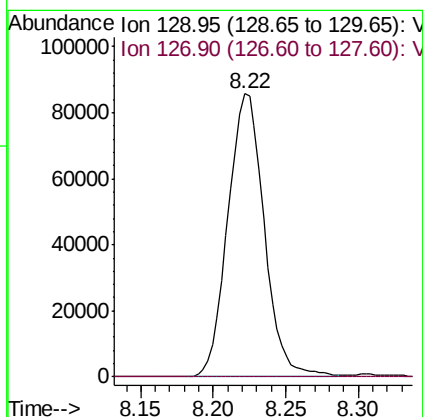
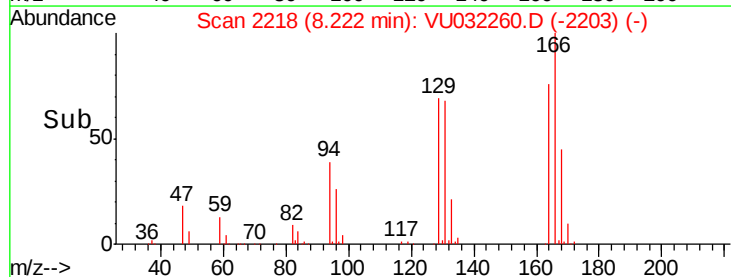
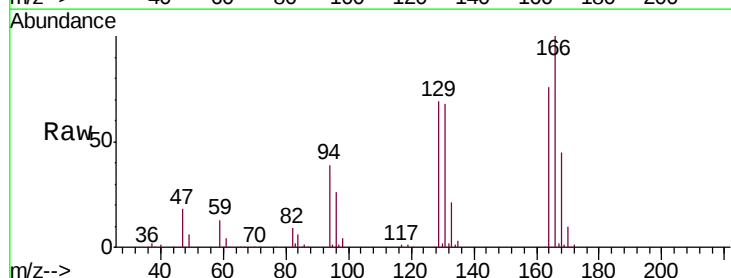
Instrument :
MSVOA_U
ClientSampleId :
C0BP5

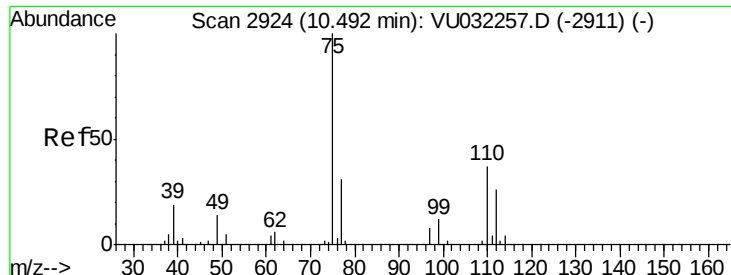
Tgt Ion: 43 Resp: 5549
Ion Ratio Lower Upper
43 100
58 17.7 49.7 74.5#
57 7.1 17.1 25.7#
100 11.6 11.6 17.4#



#49
Dibromochloromethane
Concen: 14.807 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032260.D
Acq: 23 May 2019 10:15

Tgt Ion: 129 Resp: 149610
Ion Ratio Lower Upper
129 100
127 0.2 51.7 95.9#





#59

1,2,3-Trichloropropane

Concen: 1.844 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032260.D

Acq: 23 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

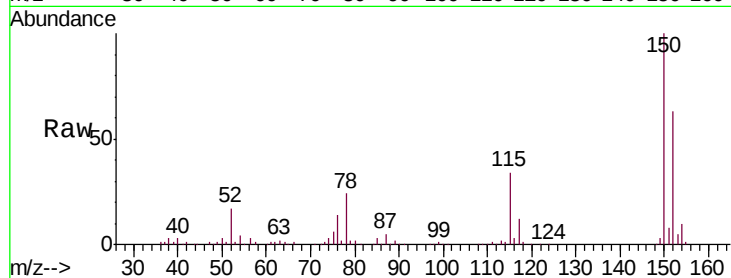
C0BP5

Tgt Ion: 75 Resp: 13802

Ion Ratio Lower Upper

75 100

77 34.8 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

