

Data File : VU032236.D
Acq On : 22 May 2019 20:52
Operator : JC/SP
Sample : K2888-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COBN8

Quant Time: May 23 01:52:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	381738	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	390254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113599	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.68	69	97109	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.27	63	171334	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	4.20	46	241095	39.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.74%
24) Chloroform-d	4.64	84	219260	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.31	65	109061	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
32) Benzene-d6	5.33	84	455029	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
36) 1,2-Dichloropropane-d6	6.33	67	131689	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.20%
41) Toluene-d8	7.56	98	385290	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	7.85	79	44963	3.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.00%
46) 2-Hexanone-d5	8.31	63	214389	41.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	104699	2.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.60%#
64) 1,2-Dichlorobenzene-d4	11.86	152	140818	3.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.60%#

Target Compounds

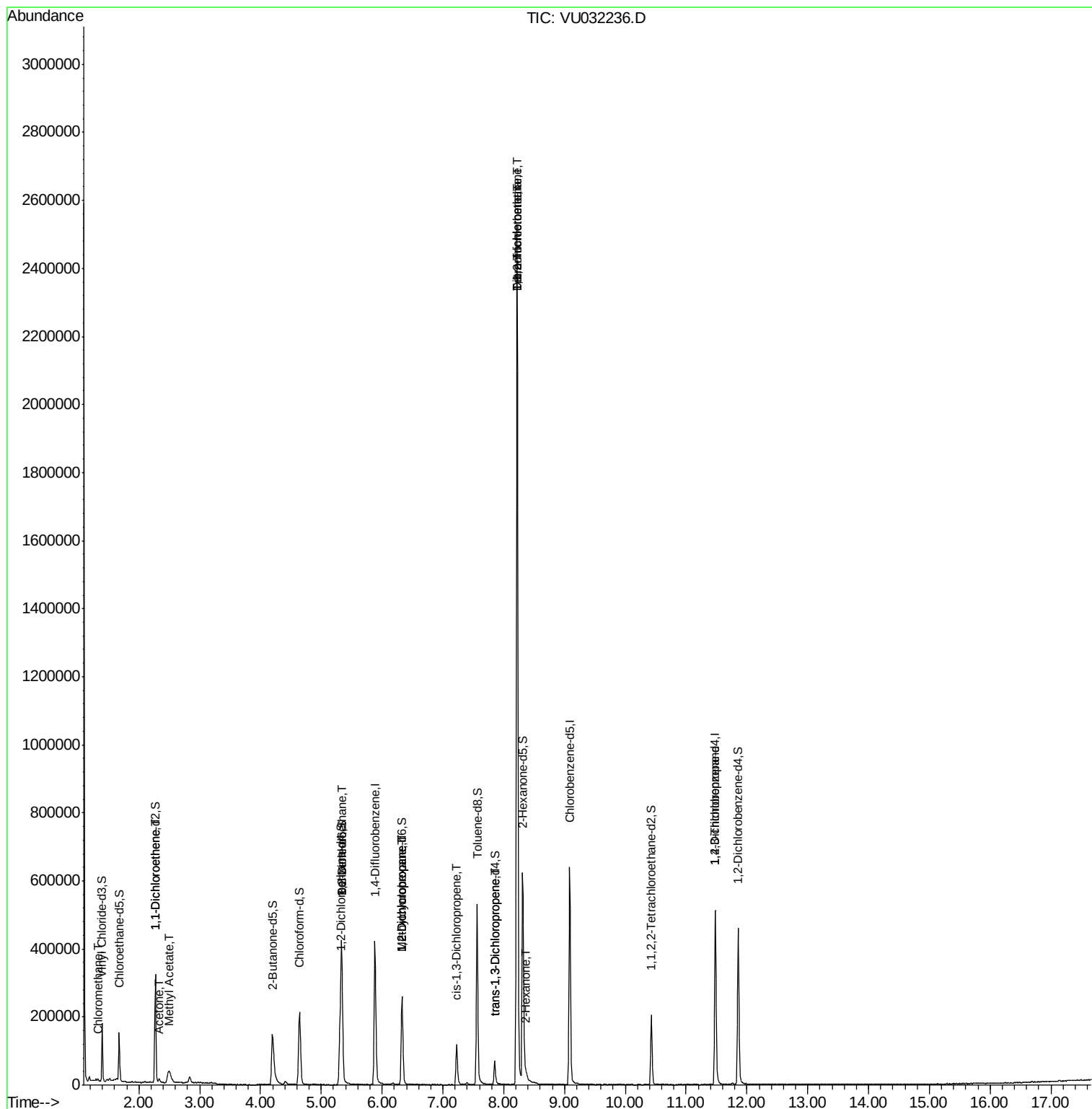
						Qvalue
3) Chloromethane	1.32	50	3559	0.218	ug/L	84
12) 1,1-Dichloroethene	2.27	96	1739	0.128	ug/L #	1
13) Acetone	2.33	43	6822	3.641	ug/L	100
15) Methyl Acetate	2.50	43	18869	3.432	ug/L #	41
27) 1,2-Dichloroethane	5.33	62	2646	0.187	ug/L #	73
35) Methylcyclohexane	6.33	83	31454	1.507	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	13536	1.065	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	2746	0.152	ug/L	90
44) trans-1,3-Dichloropropene	7.86	75	1930	0.136	ug/L #	64
45) 1,1,2-Trichloroethane	8.22	97	4428	0.451	ug/L #	2
47) Tetrachloroethene	8.22	164	606472	51.854	ug/L	98
48) 2-Hexanone	8.37	43	8156	1.655	ug/L #	88
49) Dibromochloromethane	8.22	129	563583	50.446	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	16224	1.960	ug/L	96

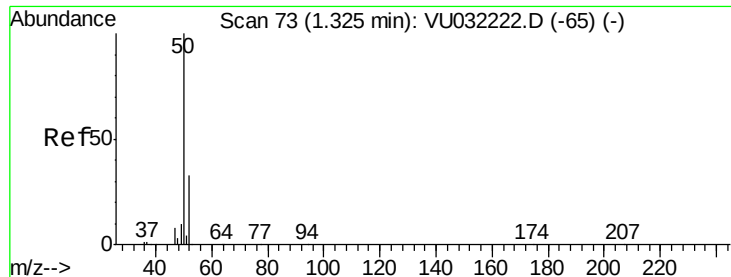
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032236.D
Acq On : 22 May 2019 20:52
Operator : JC/SP
Sample : K2888-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BN8

Quant Time: May 23 01:52:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.218 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

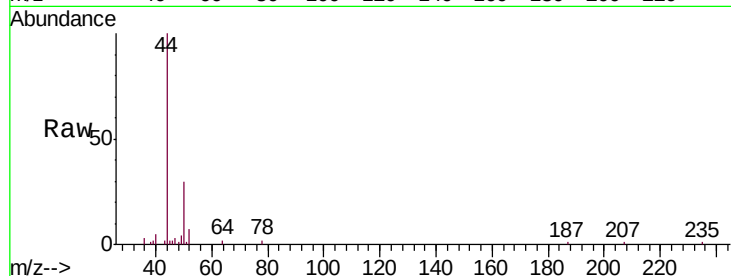
C0BN8

Tgt Ion: 50 Resp: 3559

Ion Ratio Lower Upper

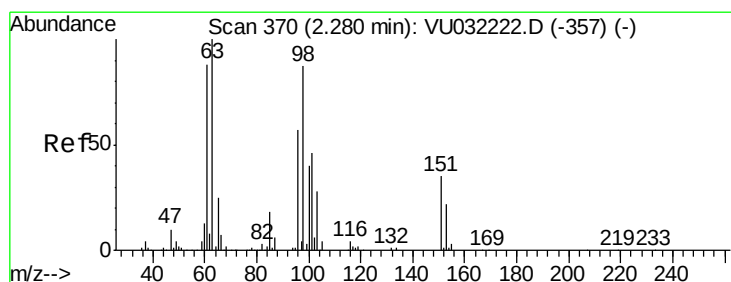
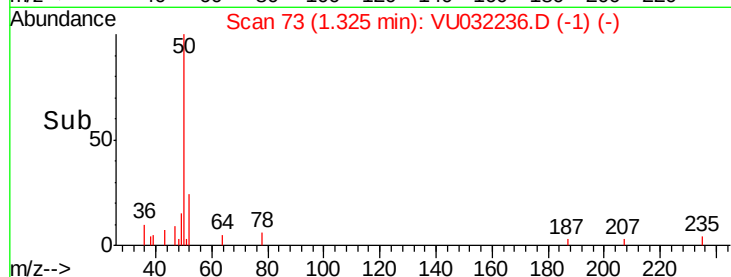
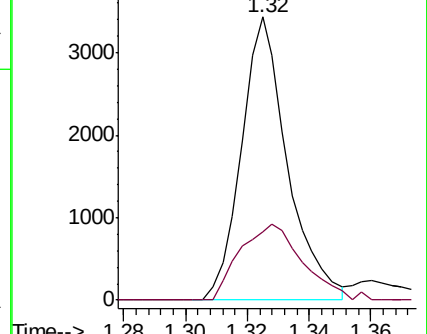
50 100

52 24.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

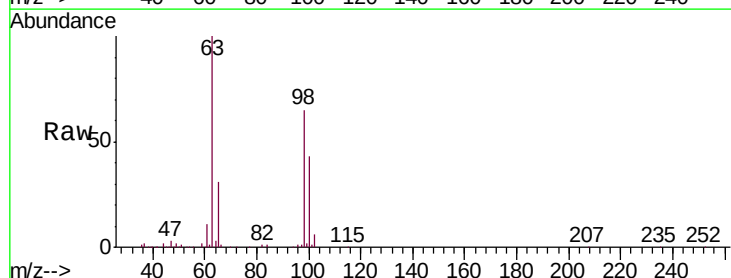
Tgt Ion: 96 Resp: 1739

Ion Ratio Lower Upper

96 100

61 1130.7 113.8 211.3#

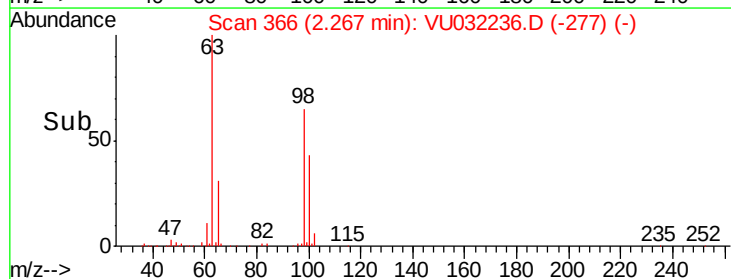
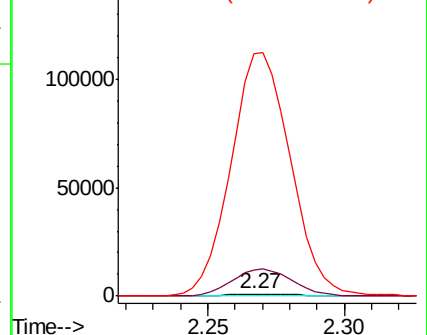
63 10380.7 108.8 202.2#

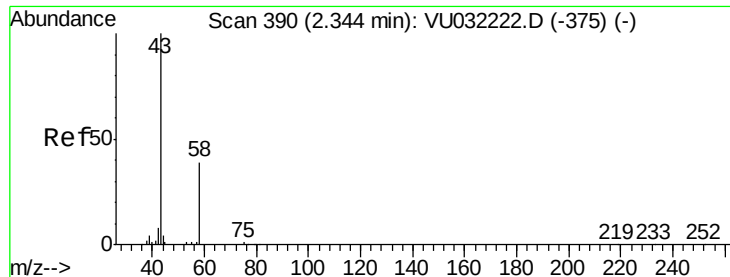


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.641 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

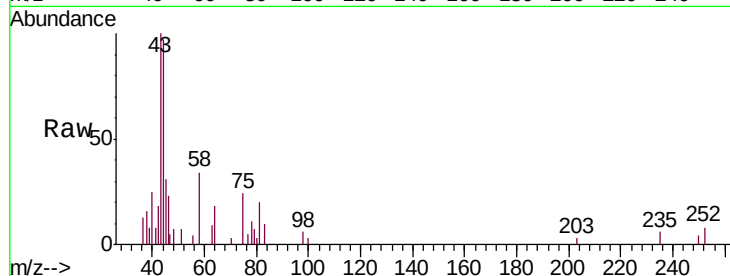
C0BN8

Tgt Ion: 43 Resp: 6822

Ion Ratio Lower Upper

43 100

58 36.3 0.0 72.6

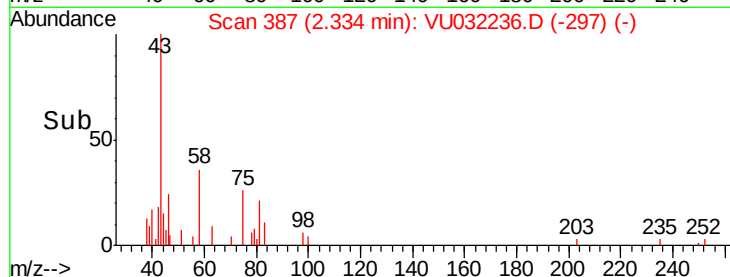


Abundance Ion 43.05 (42.75 to 43.75): VU032222.D (-375) (-)

Ion 58.05 (57.75 to 58.75): VU032222.D (-375) (-)

2.33

Time-->

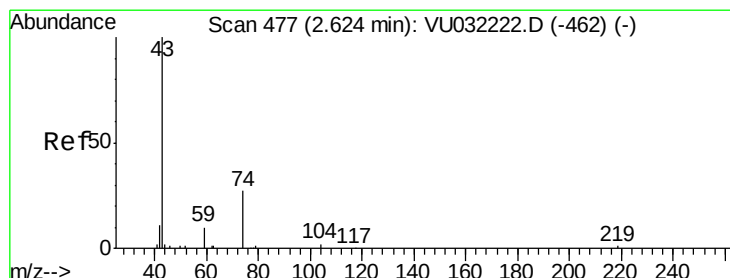


Abundance Ion 43.05 (42.75 to 43.75): VU032236.D (-297) (-)

Ion 58.05 (57.75 to 58.75): VU032236.D (-297) (-)

2.33

Time-->



#15

Methyl Acetate

Concen: 3.432 ug/L

RT: 2.50 min Scan# 437

Delta R.T. -0.13 min

Lab File: VU032236.D

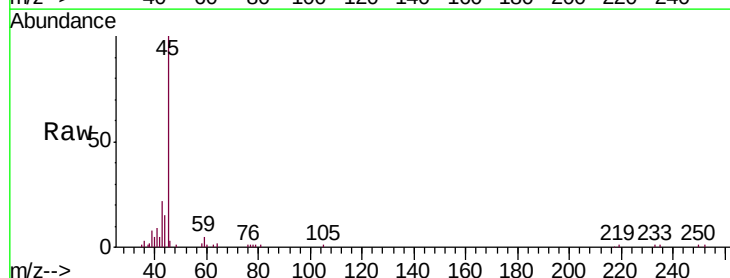
Acq: 22 May 2019 20:52

Tgt Ion: 43 Resp: 18869

Ion Ratio Lower Upper

43 100

74 0.5 27.3 40.9#

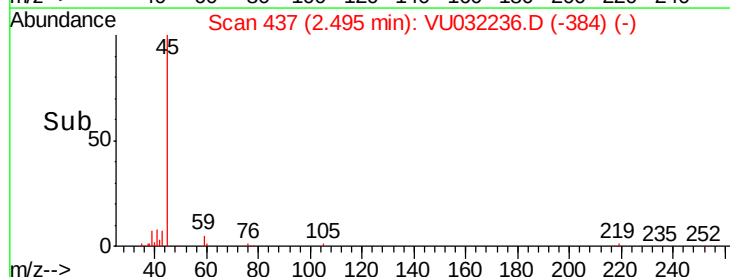


Abundance Ion 43.05 (42.75 to 43.75): VU032222.D (-462) (-)

Ion 74.05 (73.75 to 74.75): VU032222.D (-462) (-)

2.50

Time-->

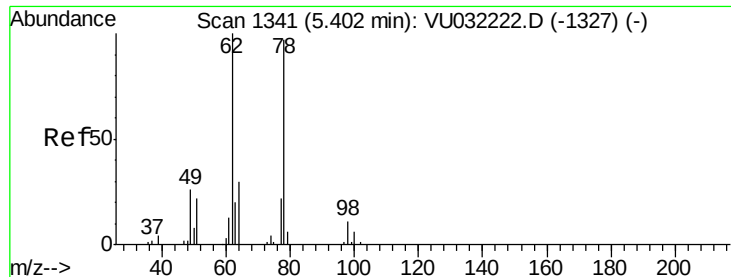


Abundance Ion 43.05 (42.75 to 43.75): VU032236.D (-384) (-)

Ion 74.05 (73.75 to 74.75): VU032236.D (-384) (-)

2.50

Time-->



#27

1,2-Dichloroethane

Concen: 0.187 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.07 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

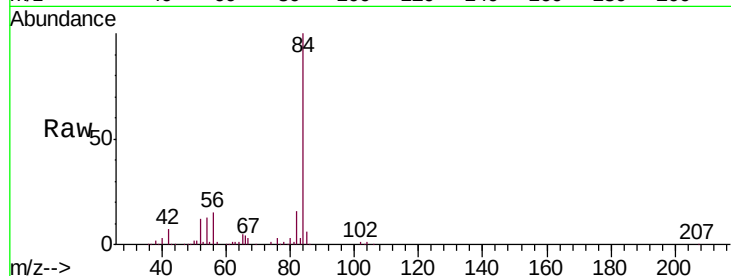
C0BN8

Tgt Ion: 62 Resp: 2646

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



Abundance Ion 62.00 (61.70 to 62.70): VU032236.D (-1248) (-)

Ion 98.05 (97.75 to 98.75): VU032236.D (-1248) (-)

5.33

1500

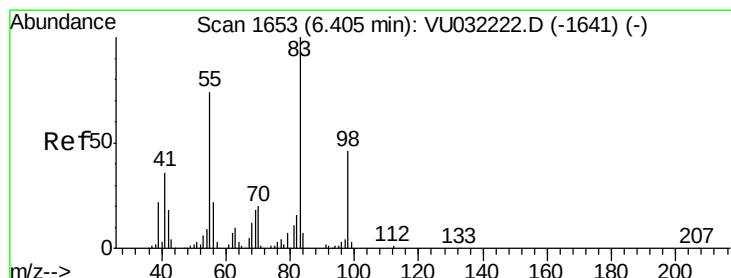
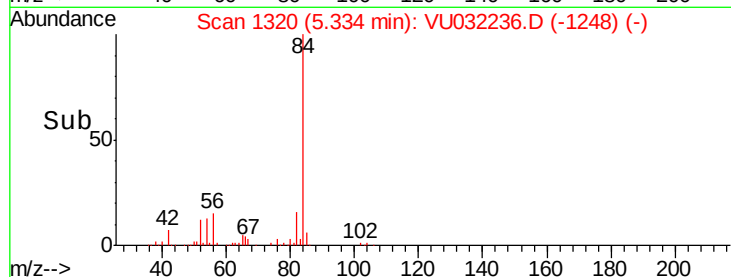
1000

500

0

5.30 5.35

Time-->



#35

Methylcyclohexane

Concen: 1.507 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

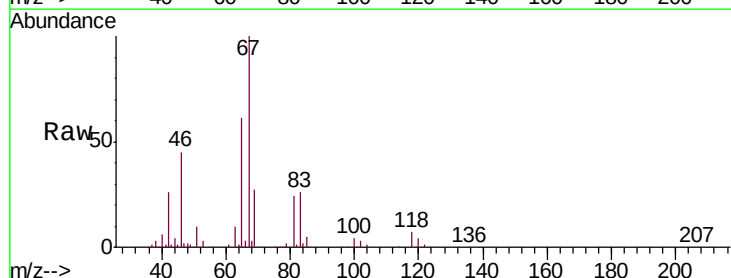
Tgt Ion: 83 Resp: 31454

Ion Ratio Lower Upper

83 100

55 0.3 59.7 89.5#

98 0.4 37.5 56.3#



Abundance Ion 83.15 (82.85 to 83.85): VU032236.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU032236.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU032236.D (-1560) (-)

6.33

20000

15000

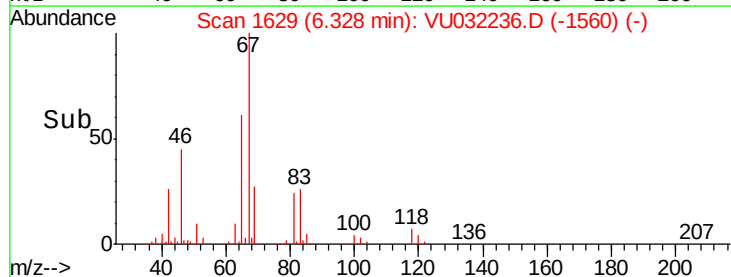
10000

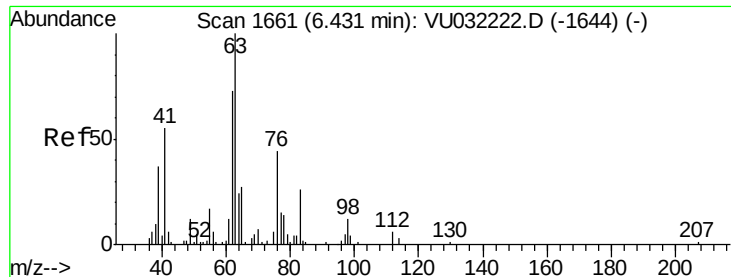
5000

0

6.25 6.30 6.35 6.40

Time-->

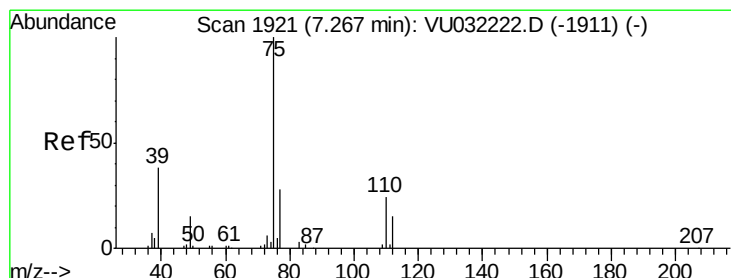
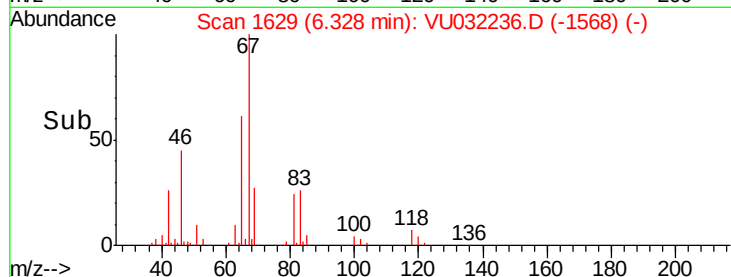
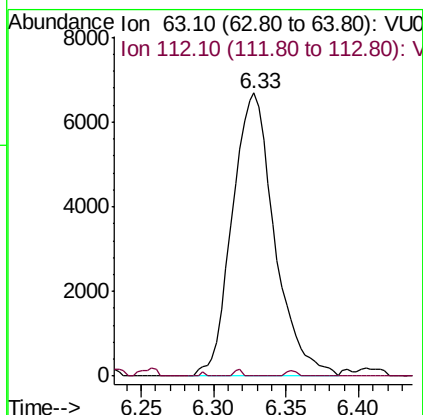
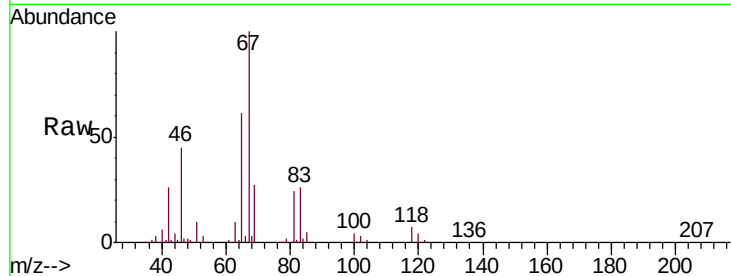




#37
 1,2-Dichloropropane
 Concen: 1.065 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032236.D
 Acq: 22 May 2019 20:52

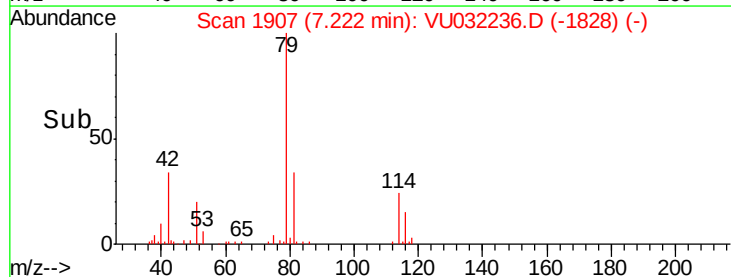
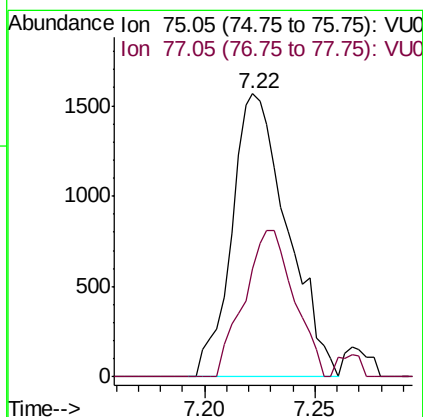
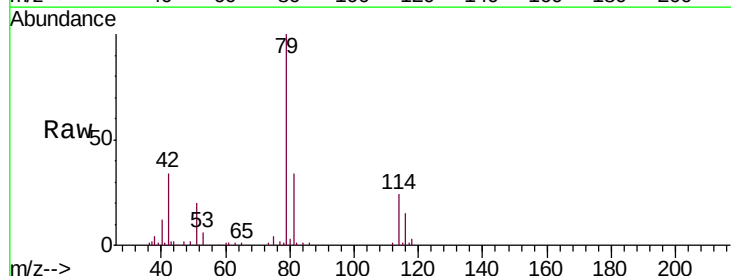
Instrument :
 MSVOA_U
 ClientSampleId :
 COBN8

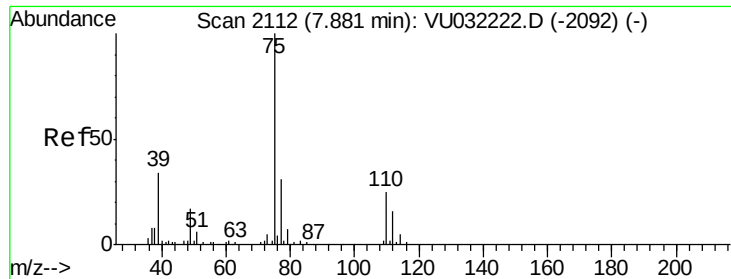
Tgt Ion: 63 Resp: 13536
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.152 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032236.D
 Acq: 22 May 2019 20:52

Tgt Ion: 75 Resp: 2746
 Ion Ratio Lower Upper
 75 100
 77 38.0 22.6 42.0





#44

trans-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.03 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

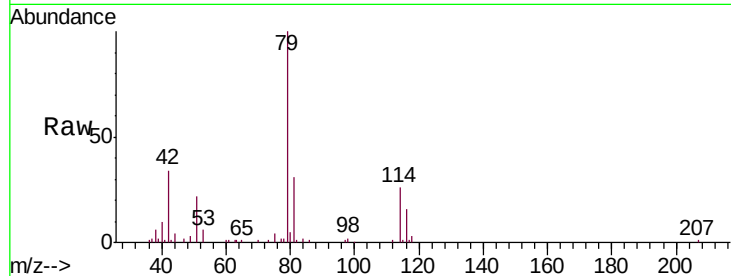
C0BN8

Tgt Ion: 75 Resp: 1930

Ion Ratio Lower Upper

75 100

77 52.5 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU032222.D (-2092) (-)

Ion 77.05 (76.75 to 77.75): VU032222.D (-2092) (-)

7.86

1000

800

600

400

200

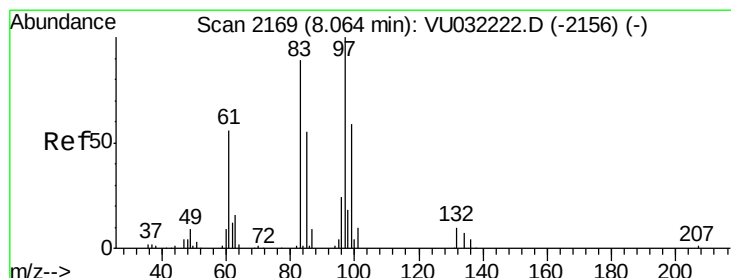
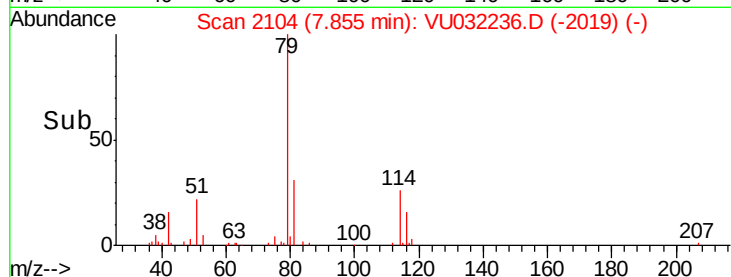
0

7.80

7.85

7.90

Time-->



#45

1,1,2-Trichloroethane

Concen: 0.451 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.16 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

Tgt Ion: 97 Resp: 4428

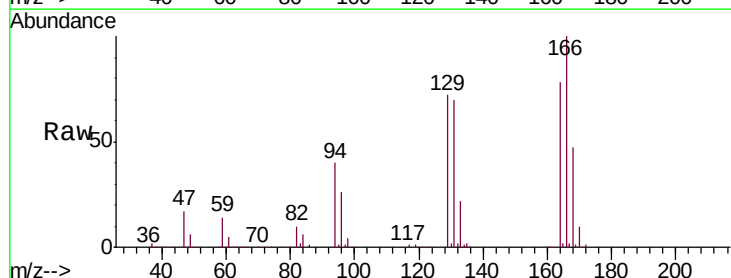
Ion Ratio Lower Upper

97 100

99 14.4 44.2 82.0#

83 248.6 60.5 112.3#

85 43.0 36.3 67.3



Abundance Ion 96.95 (96.65 to 97.65): VU032222.D (-2156) (-)

Ion 99.05 (98.75 to 99.75): VU032222.D (-2156) (-)

Ion 82.95 (82.65 to 83.65): VU032222.D (-2156) (-)

Ion 85.00 (84.70 to 85.70): VU032222.D (-2156) (-)

10000

8000

6000

4000

2000

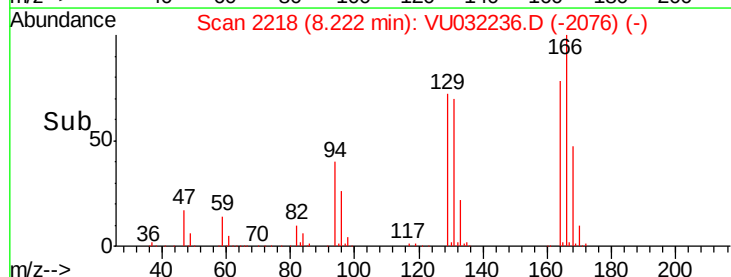
0

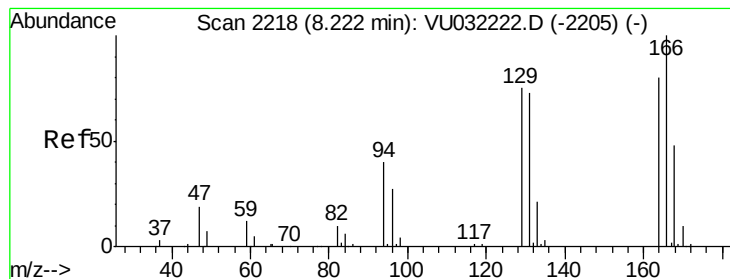
8.20

8.22

8.25

Time-->





#47

Tetrachloroethene

Concen: 51.854 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
COBN8

Tgt Ion:164 Resp: 606472

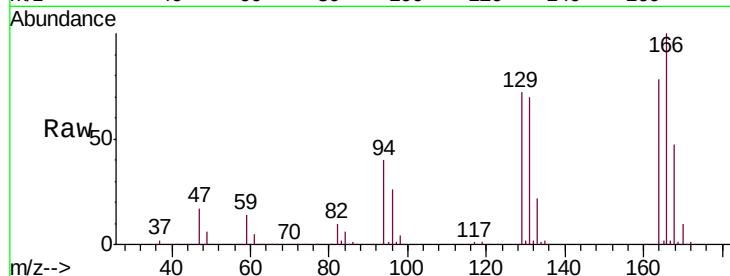
Ion Ratio Lower Upper

164 100

129 91.8 67.1 124.7

131 89.6 62.2 115.4

166 128.1 90.9 168.9

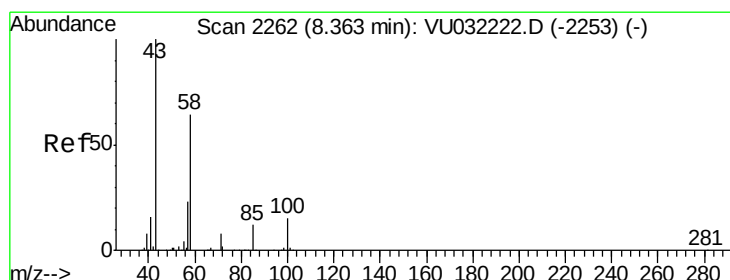
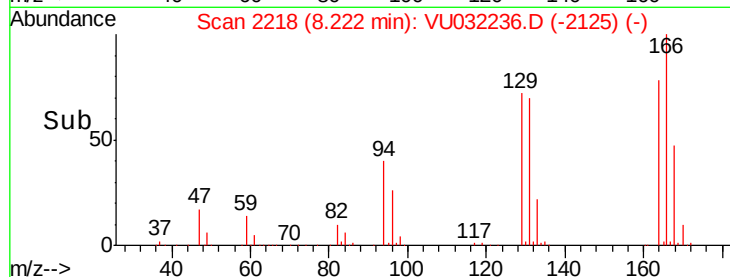
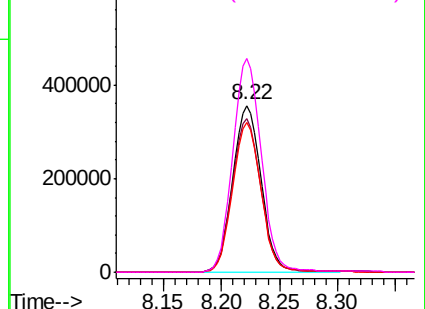


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.655 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

Tgt Ion: 43 Resp: 8156

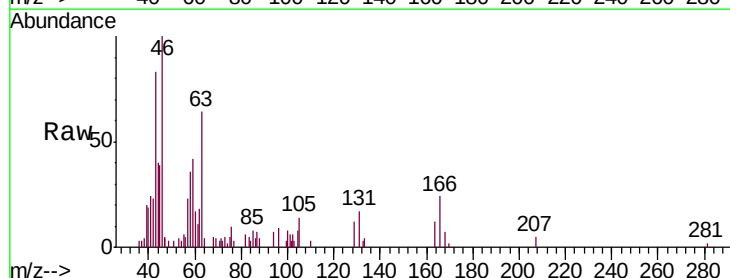
Ion Ratio Lower Upper

43 100

58 52.2 49.7 74.5

57 21.2 17.1 25.7

100 5.1 11.6 17.4#

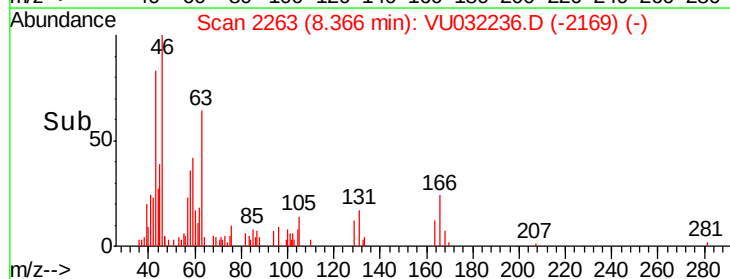
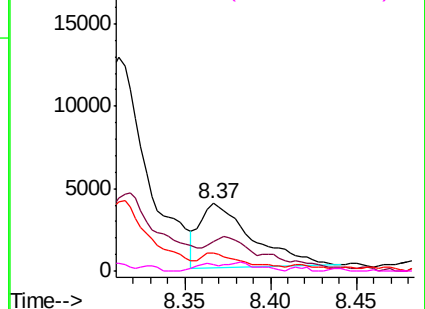


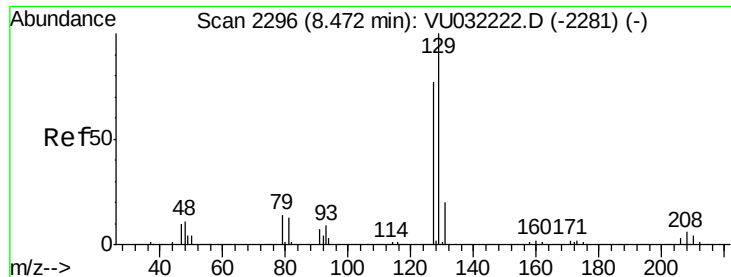
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 50.446 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032236.D

Acq: 22 May 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

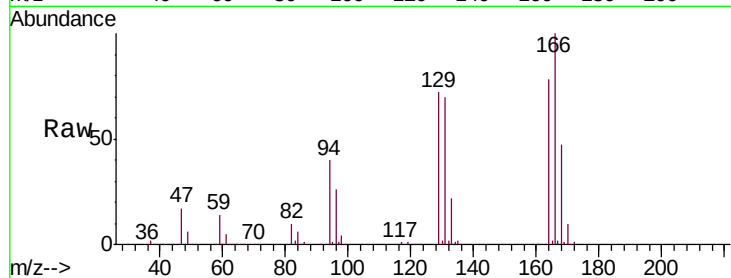
C0BN8

Tgt Ion: 129 Resp: 563583

Ion Ratio Lower Upper

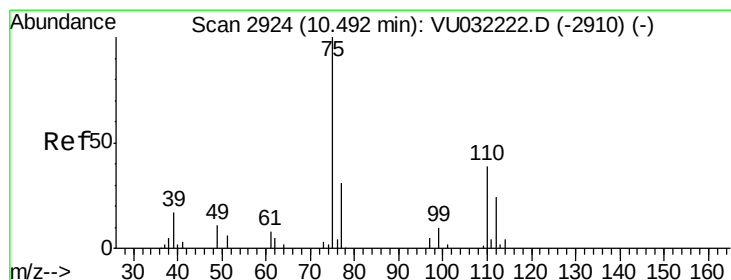
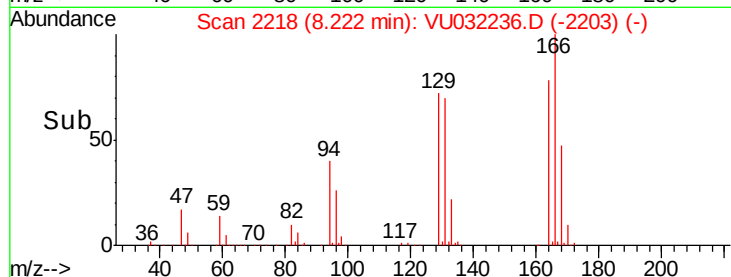
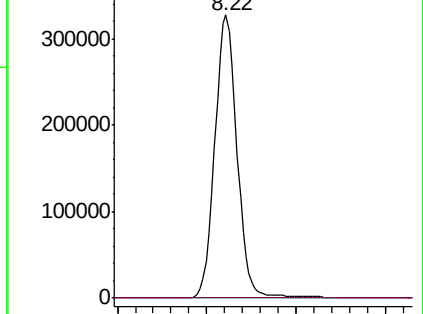
129 100

127 0.0 51.7 95.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.960 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032236.D

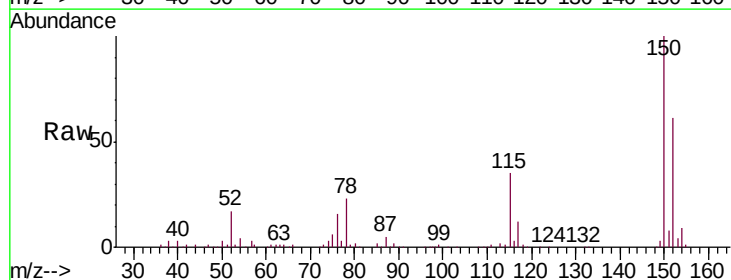
Acq: 22 May 2019 20:52

Tgt Ion: 75 Resp: 16224

Ion Ratio Lower Upper

75 100

77 37.4 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

