

Data File : VU032266.D
Acq On : 23 May 2019 14:01
Operator : JC/SP
Sample : K2888-12DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP4DL

Quant Time: May 24 01:39:08 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	357423	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	361271	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	143086	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106885	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.68	69	92785	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	163344	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.20	46	223672	39.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.00%
24) Chloroform-d	4.64	84	210725	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	5.31	65	103896	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.33	84	430485	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	6.33	67	124691	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.80%
41) Toluene-d8	7.56	98	353466	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	7.85	79	40235	3.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.80%
46) 2-Hexanone-d5	8.31	63	190725	39.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	99466	3.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	60.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	131634	3.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.80%#

Target Compounds

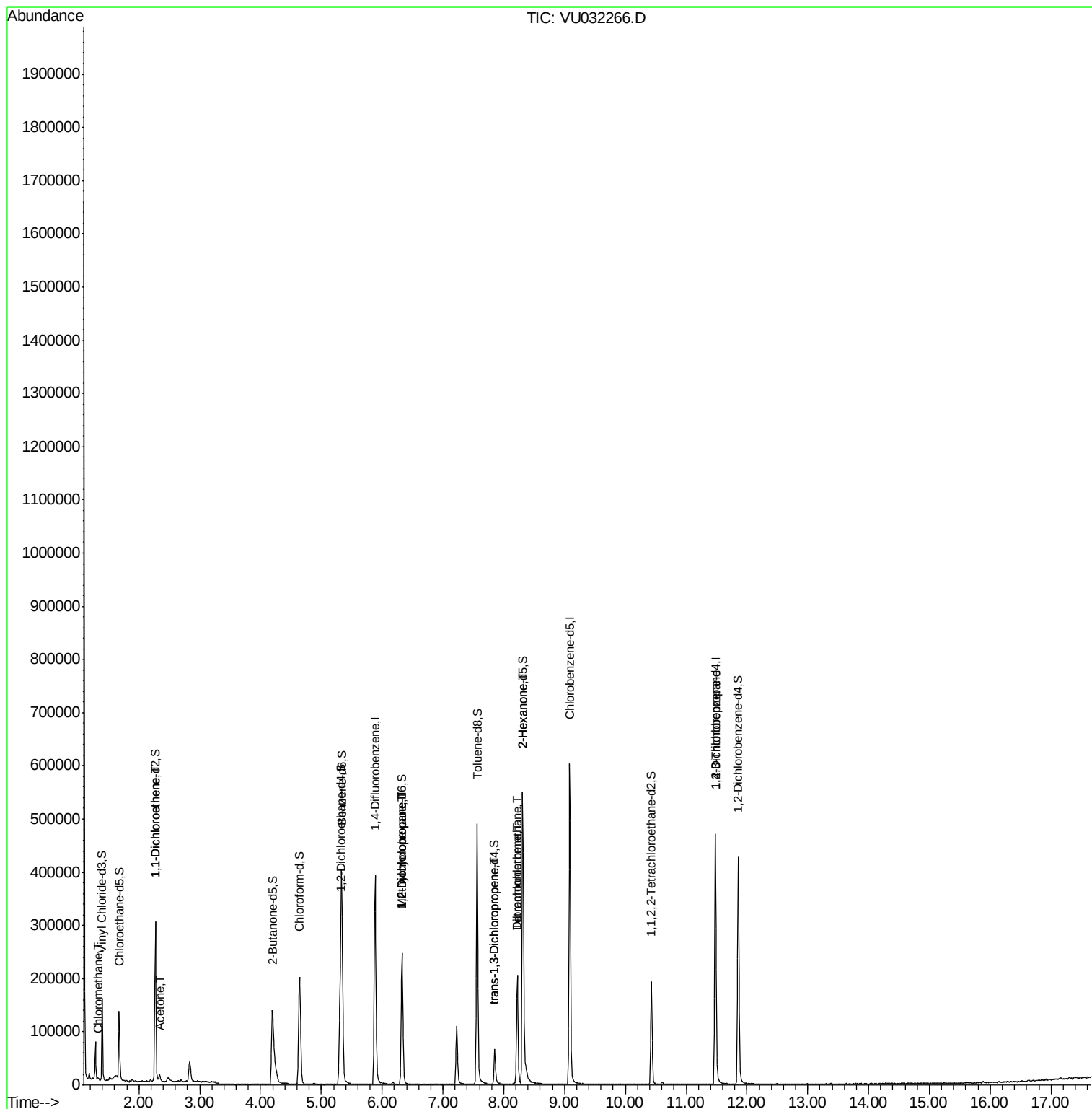
					Qvalue
3) Chloromethane	1.32	50	2633	0.172 ug/L	93
12) 1,1-Dichloroethene	2.27	96	1713	0.135 ug/L #	1
13) Acetone	2.33	43	4659	2.656 ug/L	91
35) Methylcyclohexane	6.33	83	28963	1.499 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	12278	1.044 ug/L #	86
44) trans-1,3-Dichloropropene	7.85	75	1548	0.118 ug/L #	77
47) Tetrachloroethene	8.22	164	51176	4.727 ug/L	97
48) 2-Hexanone	8.31	43	21481	4.709 ug/L #	72
49) Dibromochloromethane	8.22	129	46493	4.495 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	14594	1.905 ug/L	96

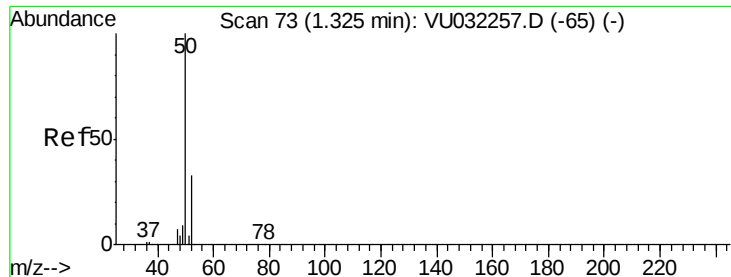
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.172 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032266.D

Acq: 23 May 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

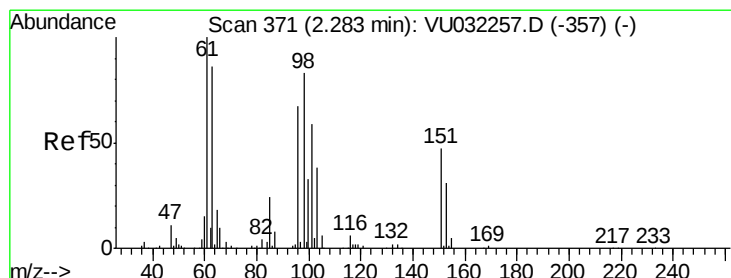
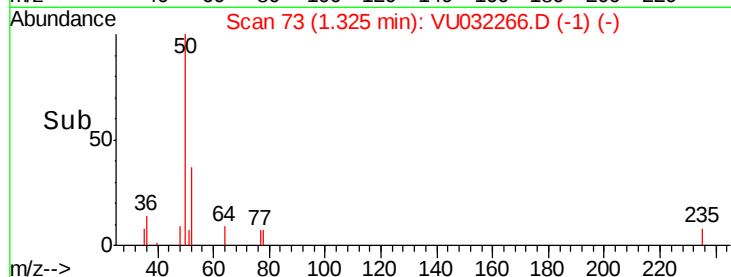
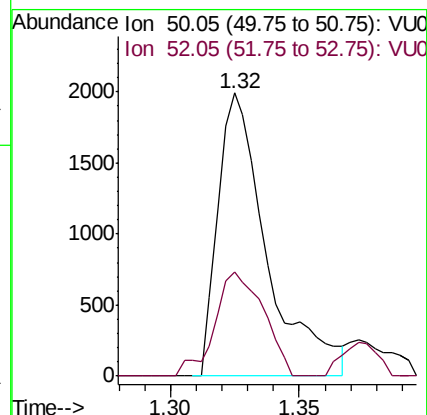
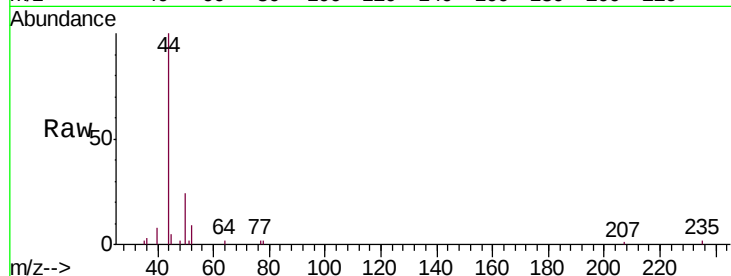
C0BP4DL

Tgt Ion: 50 Resp: 2633

Ion Ratio Lower Upper

50 100

52 37.0 23.3 43.3



#12

1,1-Dichloroethene

Concen: 0.135 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU032266.D

Acq: 23 May 2019 14:01

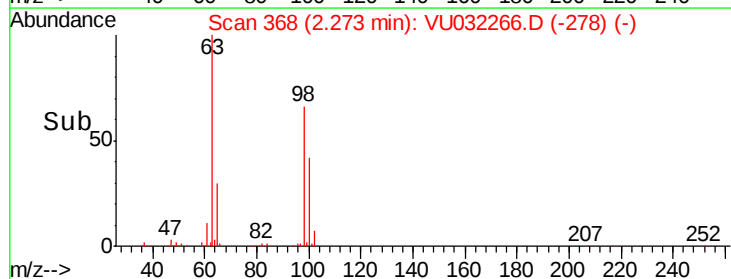
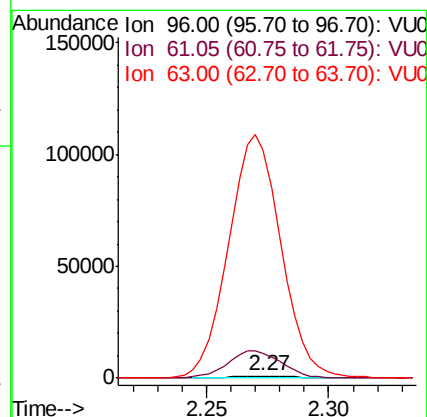
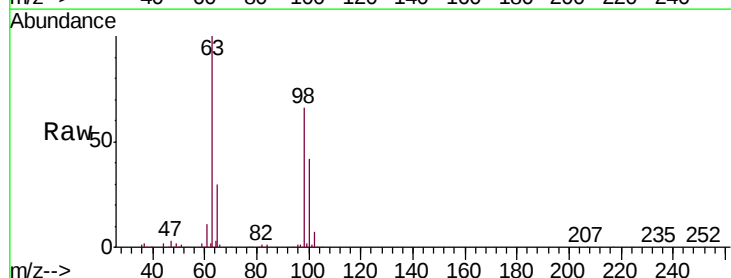
Tgt Ion: 96 Resp: 1713

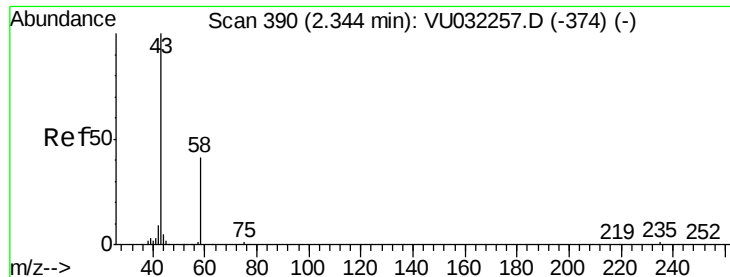
Ion Ratio Lower Upper

96 100

61 1111.9 113.8 211.3#

63 10166.1 108.8 202.2#





#13

Acetone

Concen: 2.656 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU032266.D

Acq: 23 May 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

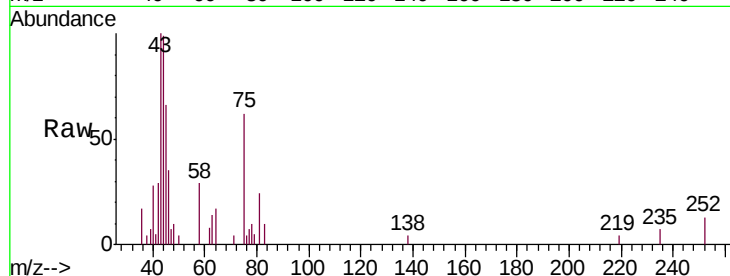
C0BP4DL

Tgt Ion: 43 Resp: 4659

Ion Ratio Lower Upper

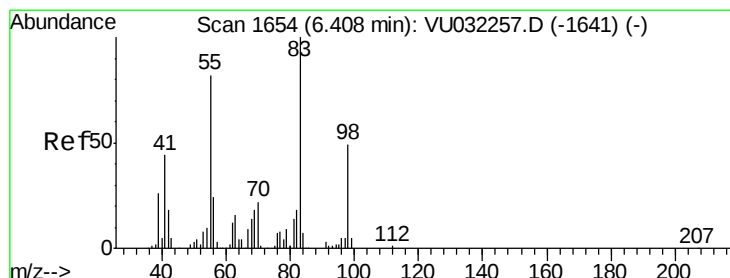
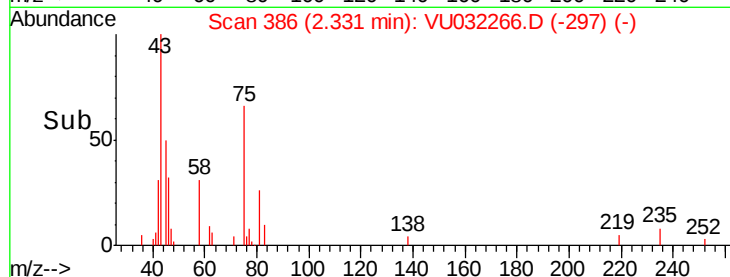
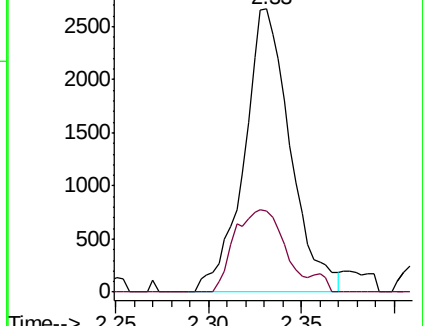
43 100

58 31.2 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) (-)



#35

Methylcyclohexane

Concen: 1.499 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU032266.D

Acq: 23 May 2019 14:01

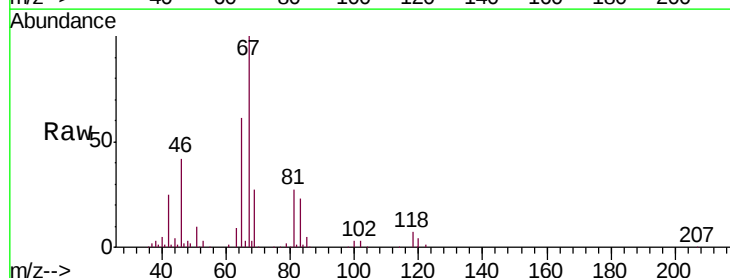
Tgt Ion: 83 Resp: 28963

Ion Ratio Lower Upper

83 100

55 0.4 59.7 89.5#

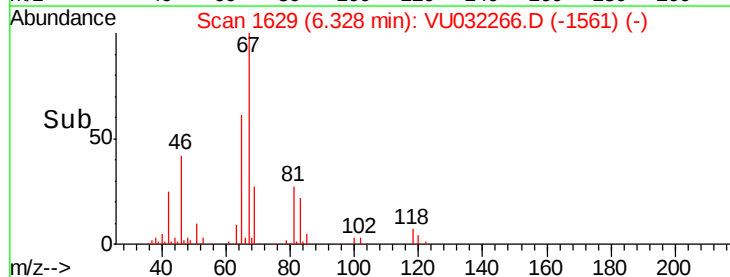
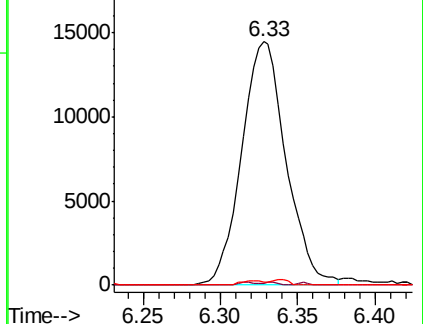
98 1.0 37.5 56.3#

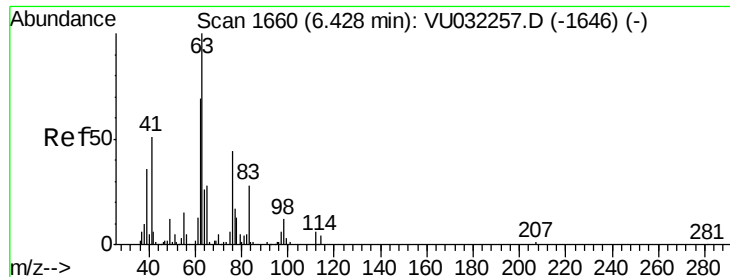


Abundance Ion 83.15 (82.85 to 83.85): VU032257.D (-1641) (-)

Ion 55.10 (54.80 to 55.80): VU032257.D (-1641) (-)

Ion 98.15 (97.85 to 98.85): VU032257.D (-1641) (-)

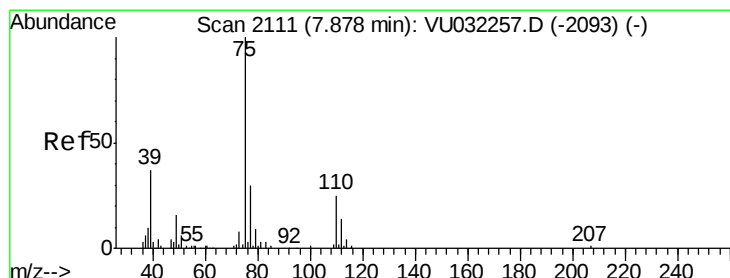
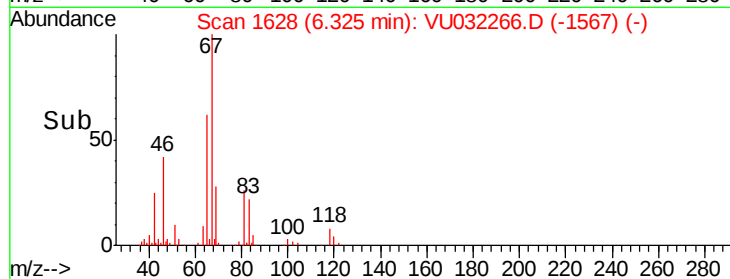
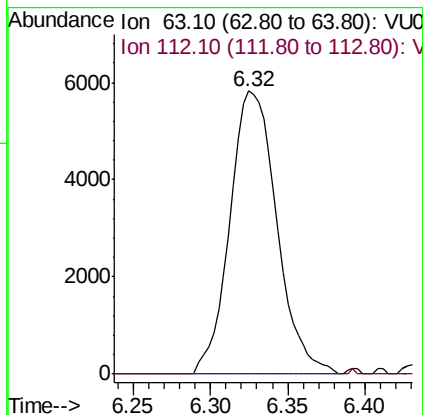
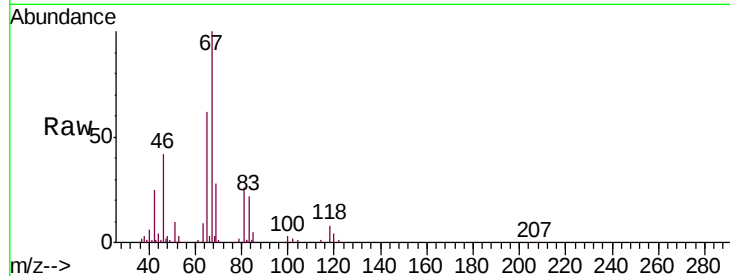




#37
 1,2-Dichloropropane
 Concen: 1.044 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032266.D
 Acq: 23 May 2019 14:01

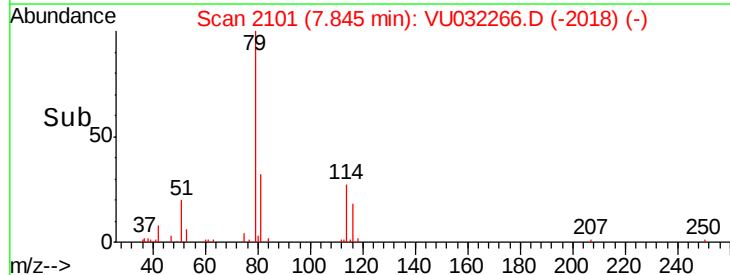
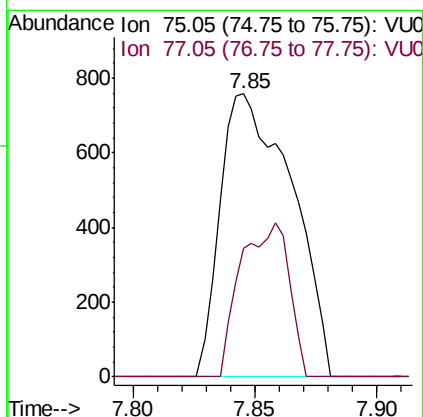
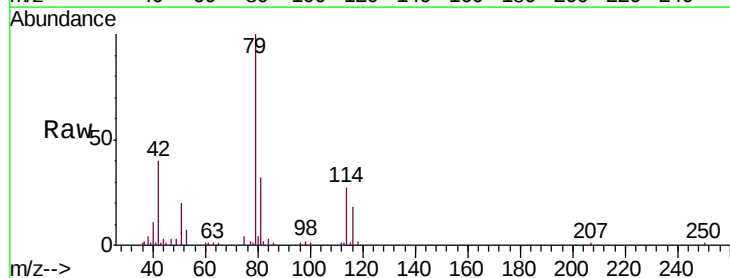
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP4DL

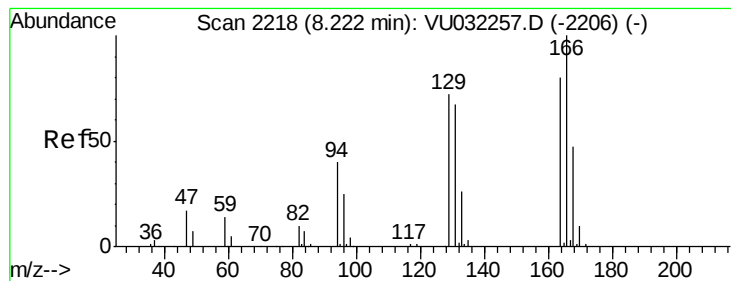
Tgt Ion: 63 Resp: 12278
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032266.D
 Acq: 23 May 2019 14:01

Tgt Ion: 75 Resp: 1548
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.5 41.9#





#47

Tetrachloroethene

Concen: 4.727 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032266.D

Acq: 23 May 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

C0BP4DL

Tgt Ion:164 Resp: 51176

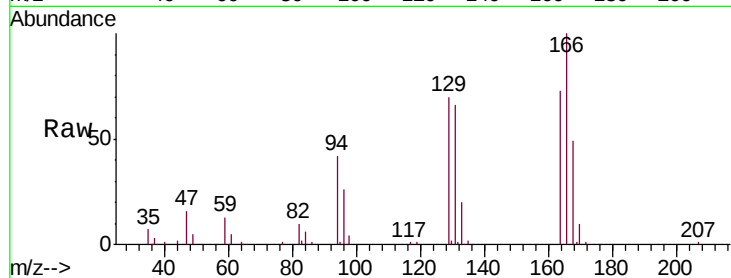
Ion Ratio Lower Upper

164 100

129 95.2 67.1 124.7

131 90.4 62.2 115.4

166 136.4 90.9 168.9

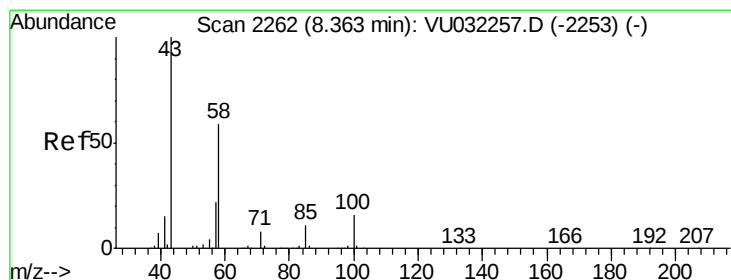
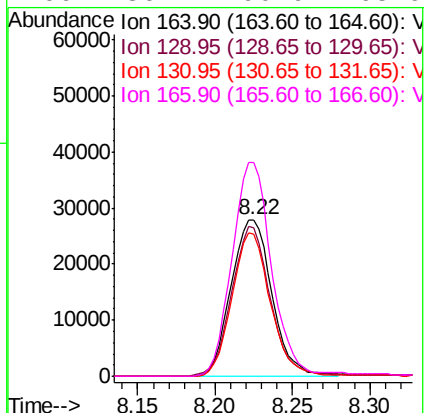
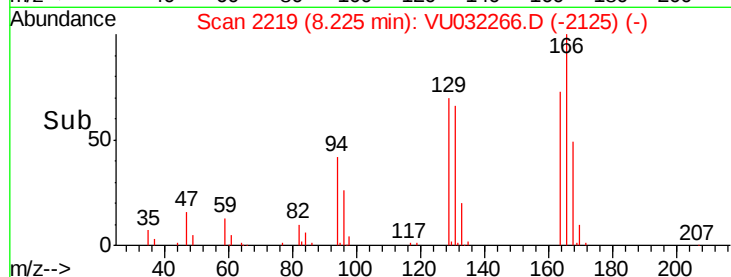


Abundance Ion 163.90 (163.60 to 164.60): V

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: 4.709 ug/L

RT: 8.31 min Scan# 2247

Delta R.T. -0.05 min

Lab File: VU032266.D

Acq: 23 May 2019 14:01

Tgt Ion: 43 Resp: 21481

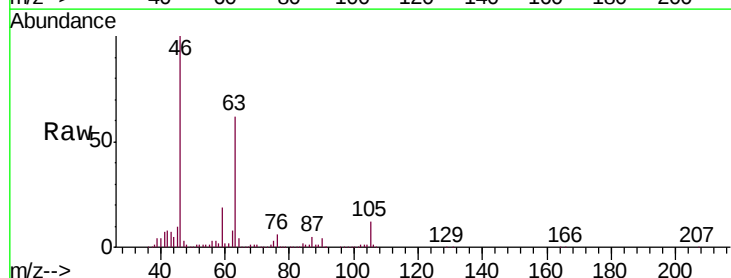
Ion Ratio Lower Upper

43 100

58 43.7 49.7 74.5#

57 42.1 17.1 25.7#

100 4.7 11.6 17.4#

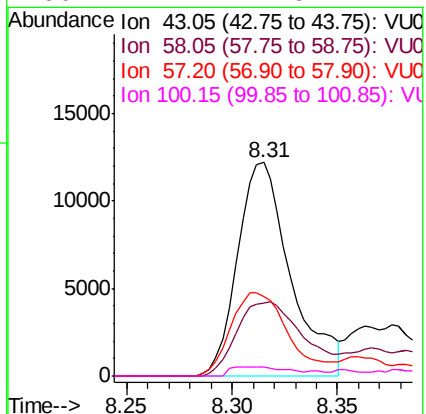
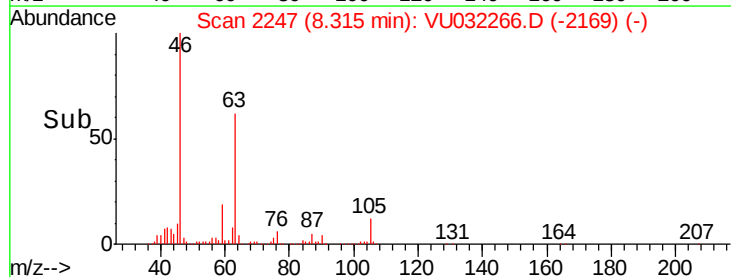


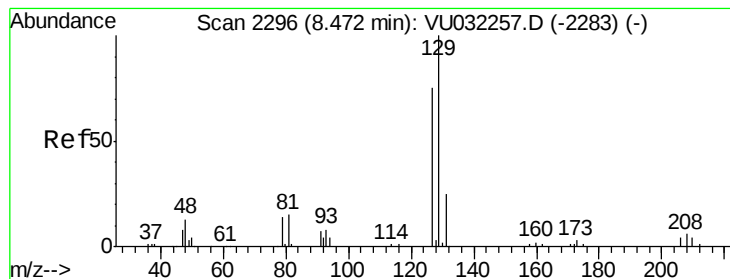
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 4.495 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032266.D

Acq: 23 May 2019 14:01

Instrument :

MSVOA_U

ClientSampleId :

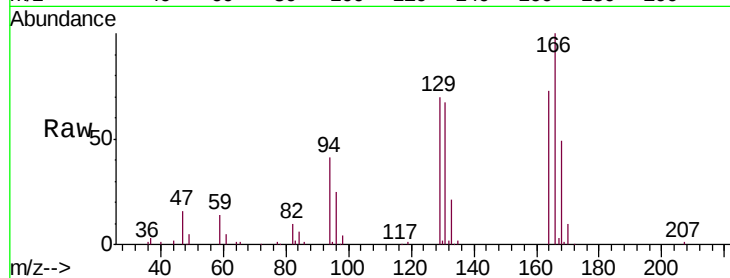
C0BP4DL

Tgt Ion:129 Resp: 46493

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

8.22

30000

25000

20000

15000

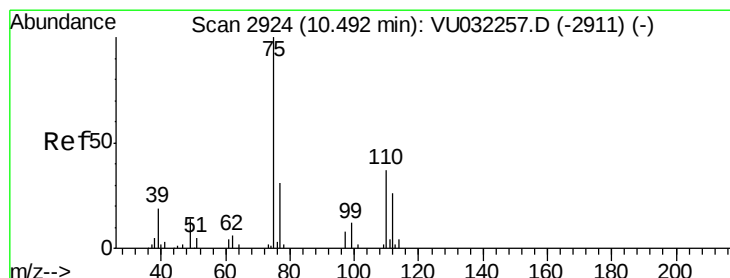
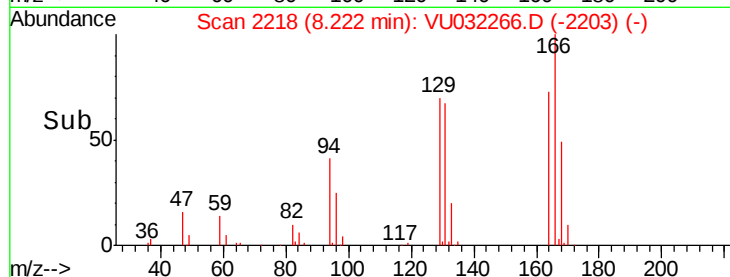
10000

5000

0

Time-->

8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 1.905 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032266.D

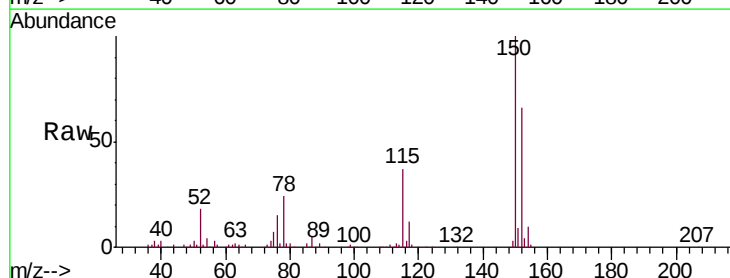
Acq: 23 May 2019 14:01

Tgt Ion: 75 Resp: 14594

Ion Ratio Lower Upper

75 100

77 37.7 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

10000

8000

6000

4000

2000

0

Time-->

11.40 11.45 11.50 11.55

