

Data File : VU032231.D
Acq On : 22 May 2019 18:48
Operator : JC/SP
Sample : K2889-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Time: May 23 01:51:50 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	379631	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	383695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156208	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	115800	5.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.60%
7) Chloroethane-d5	1.68	69	97122	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.27	63	170064	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.20	46	240886	40.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.12%
24) Chloroform-d	4.64	84	221202	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	5.31	65	110592	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.33	84	461222	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	133816	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.60%
41) Toluene-d8	7.56	98	391669	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	45256	3.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.60%
46) 2-Hexanone-d5	8.31	63	215333	42.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.18%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108720	3.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	61.80%#
64) 1,2-Dichlorobenzene-d4	11.86	152	138274	3.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	64.20%#

Target Compounds

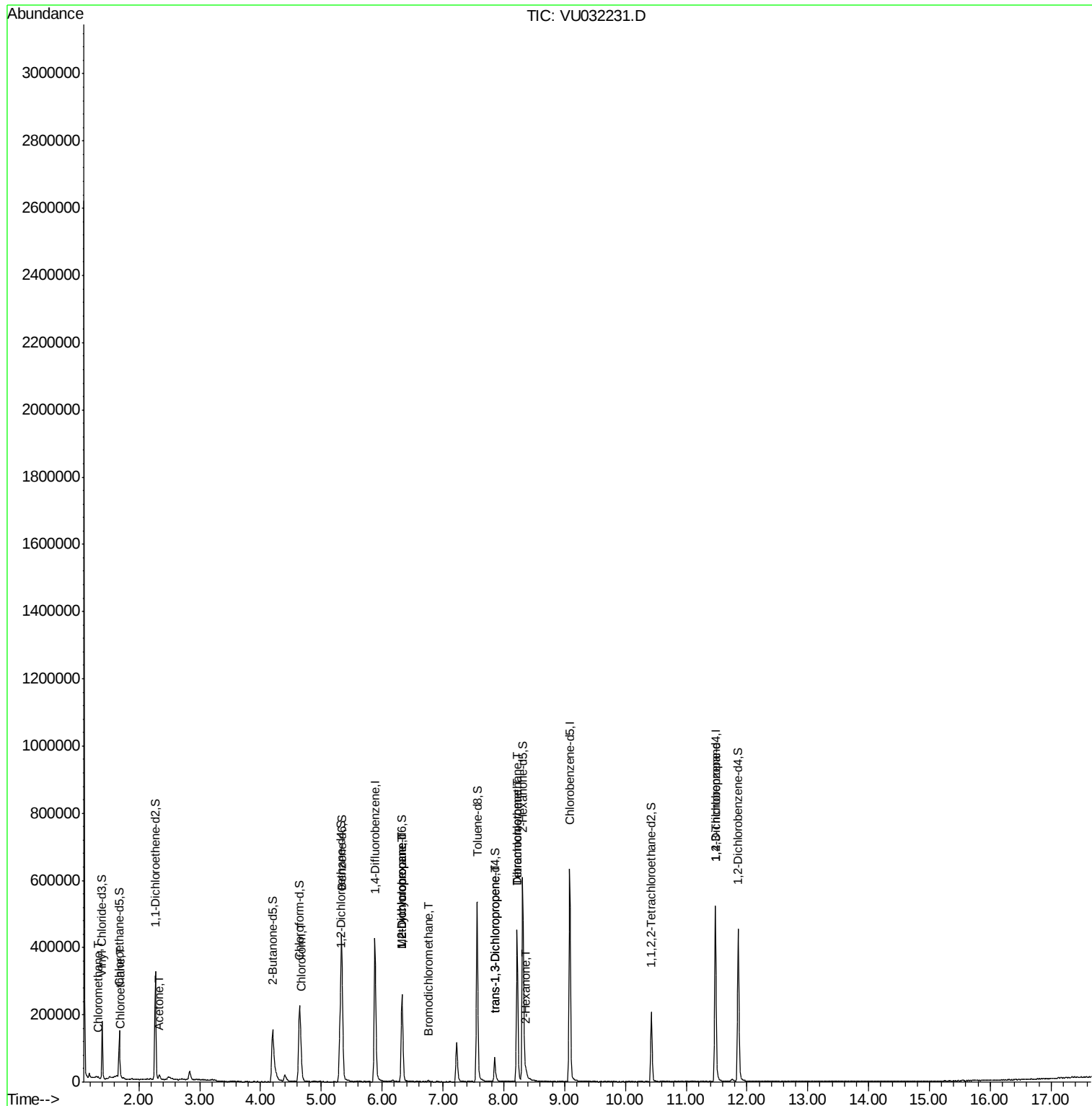
					Qvalue
3) Chloromethane	1.32	50	3181	0.195 ug/L	99
8) Chloroethane	1.71	64	1803	0.173 ug/L #	56
13) Acetone	2.33	43	5862	3.146 ug/L	91
25) Chloroform	4.67	83	44777	1.851 ug/L	83
35) Methylcyclohexane	6.33	83	32721	1.595 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	14255	1.141 ug/L #	86
38) Bromodichloromethane	6.75	83	2751	0.169 ug/L #	89
44) trans-1,3-Dichloropropene	7.86	75	1978	0.141 ug/L #	80
47) Tetrachloroethene	8.22	164	109633	9.534 ug/L	97
48) 2-Hexanone	8.37	43	6664	1.375 ug/L #	92
49) Dibromochloromethane	8.22	129	102270	9.311 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	16282	2.001 ug/L	91

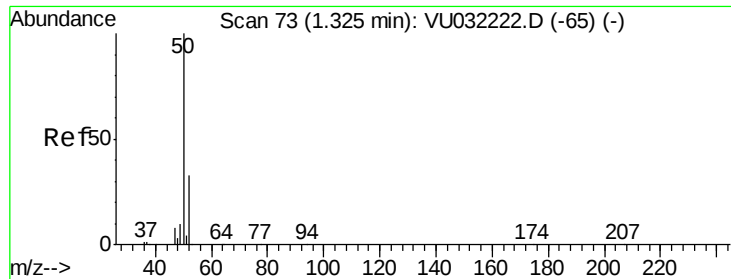
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032231.D
Acq On : 22 May 2019 18:48
Operator : JC/SP
Sample : K2889-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM2

Quant Time: May 23 01:51:50 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: 0.195 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032231.D

Acq: 22 May 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

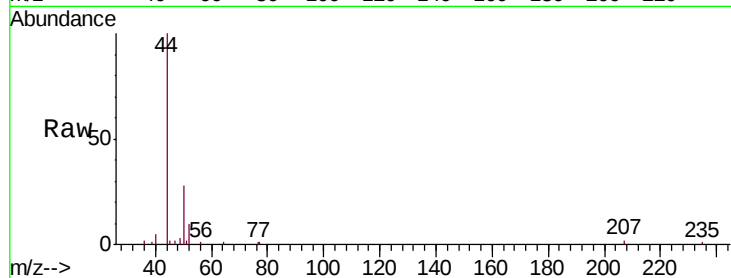
C0BM2

Tgt Ion: 50 Resp: 3181

Ion Ratio Lower Upper

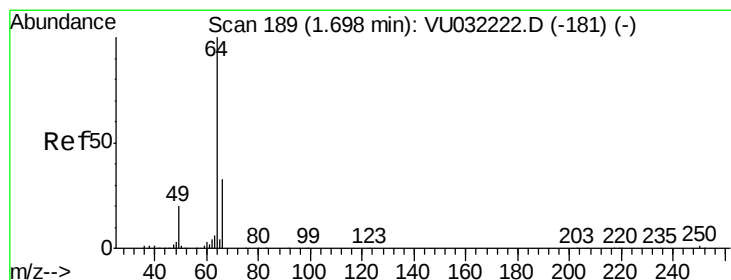
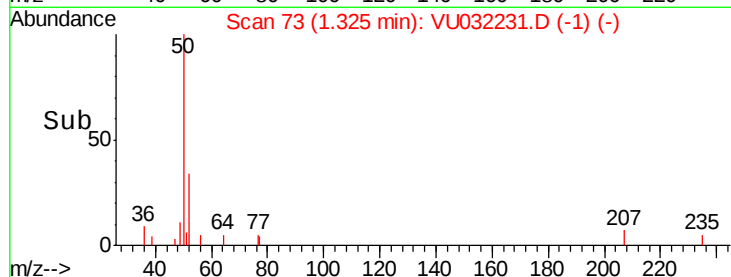
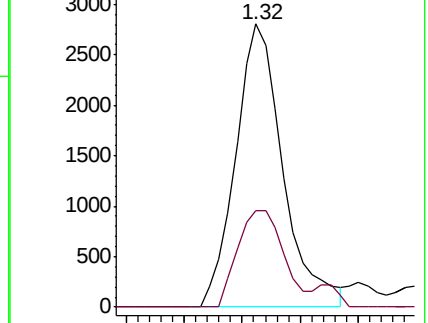
50 100

52 34.0 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032222.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032222.D (-65) (-)



#8

Chloroethane

Concen: 0.173 ug/L

RT: 1.71 min Scan# 192

Delta R.T. 0.01 min

Lab File: VU032231.D

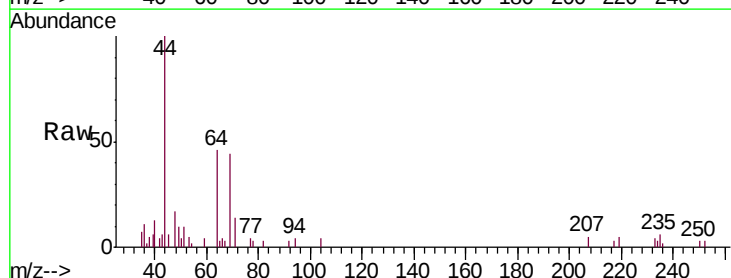
Acq: 22 May 2019 18:48

Tgt Ion: 64 Resp: 1803

Ion Ratio Lower Upper

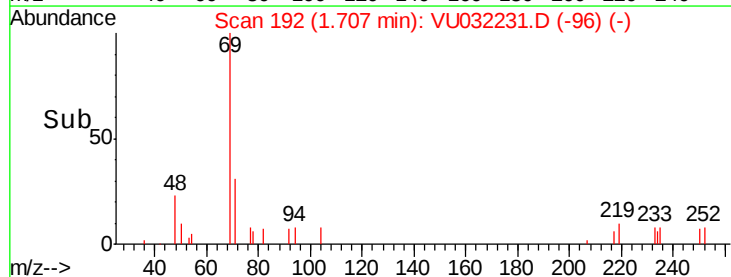
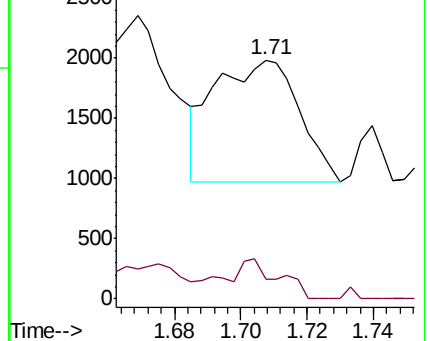
64 100

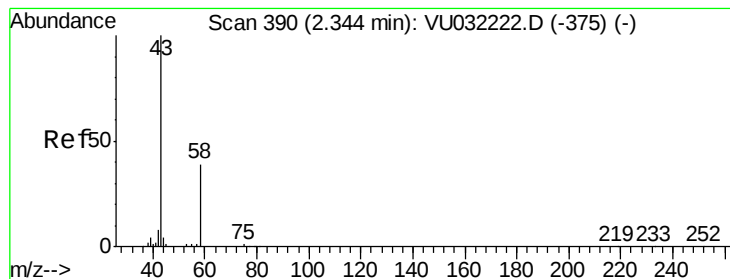
66 8.0 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU032222.D (-181) (-)

Ion 66.05 (65.75 to 66.75): VU032222.D (-181) (-)





#13

Acetone

Concen: 3.146 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU032231.D

Acq: 22 May 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

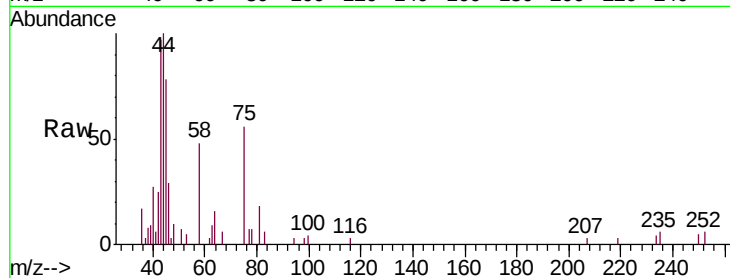
C0BM2

Tgt Ion: 43 Resp: 5862

Ion Ratio Lower Upper

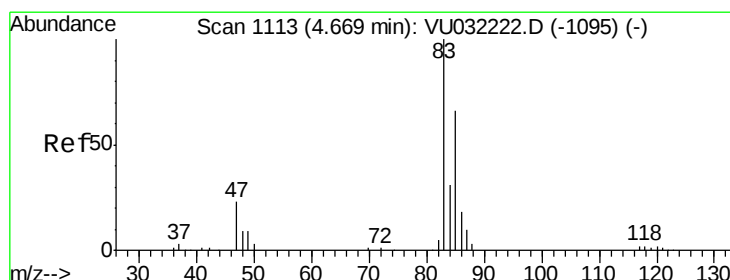
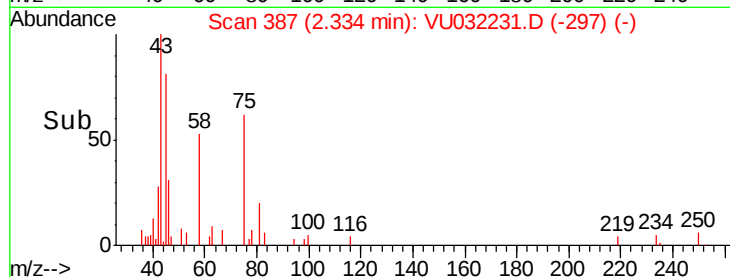
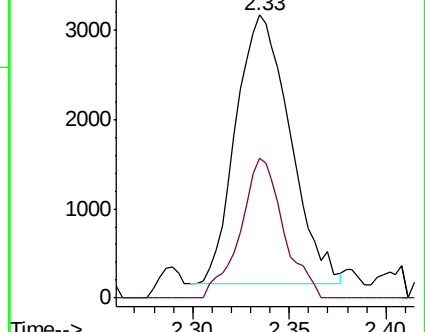
43 100

58 41.4 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) (-)



#25

Chloroform

Concen: 1.851 ug/L

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU032231.D

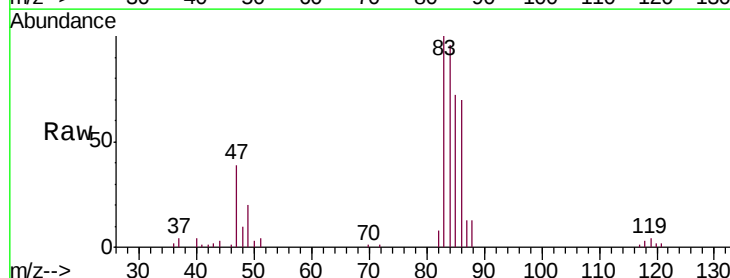
Acq: 22 May 2019 18:48

Tgt Ion: 83 Resp: 44777

Ion Ratio Lower Upper

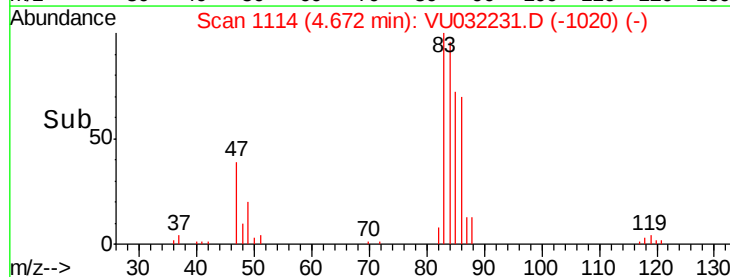
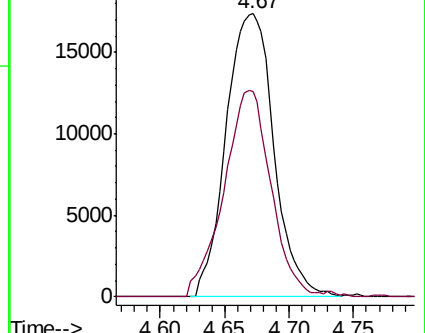
83 100

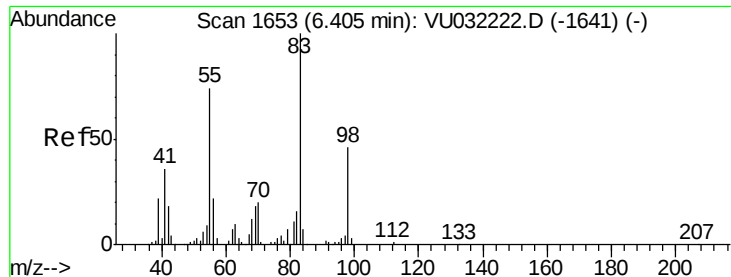
85 72.4 41.6 77.3



Abundance Ion 83.05 (82.75 to 83.75): VU032222.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU032222.D (-1095) (-)

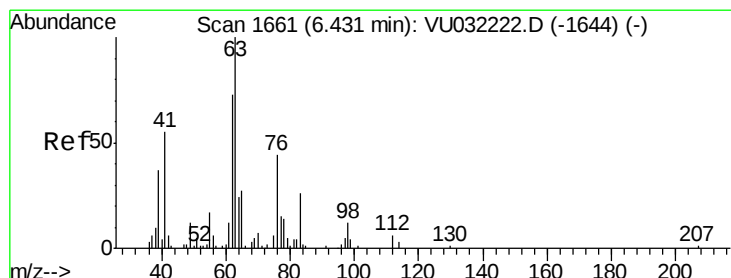
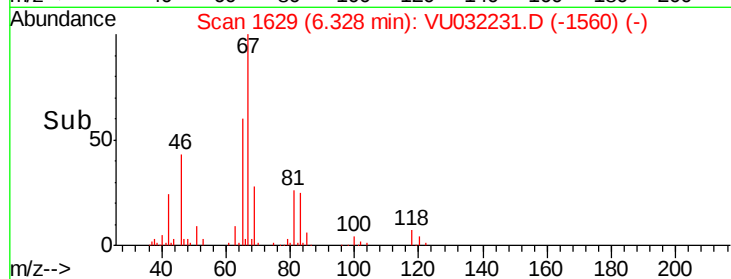
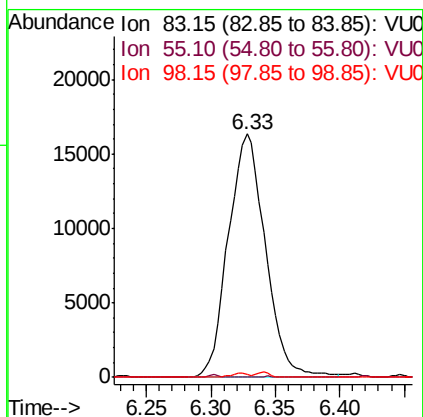
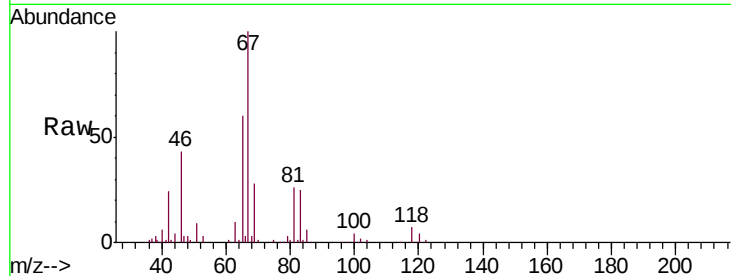




#35
Methylcyclohexane
Concen: 1.595 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032231.D
Acq: 22 May 2019 18:48

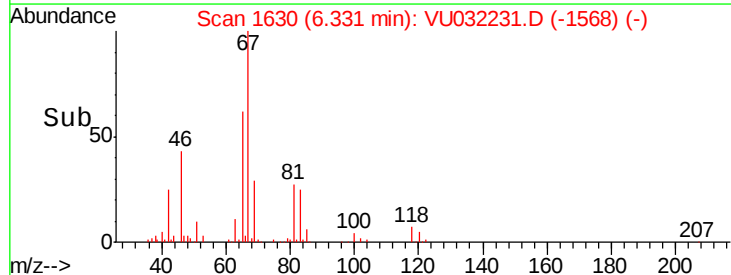
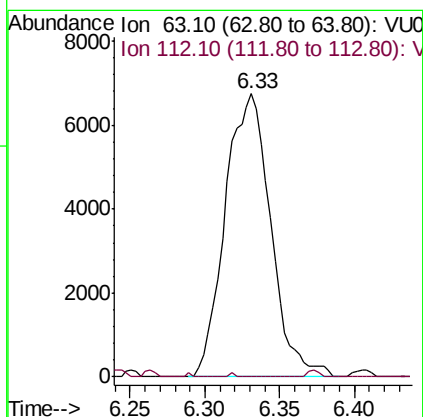
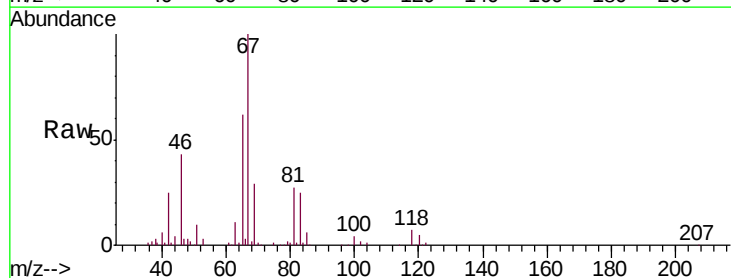
Instrument :
MSVOA_U
ClientSampleId :
C0BM2

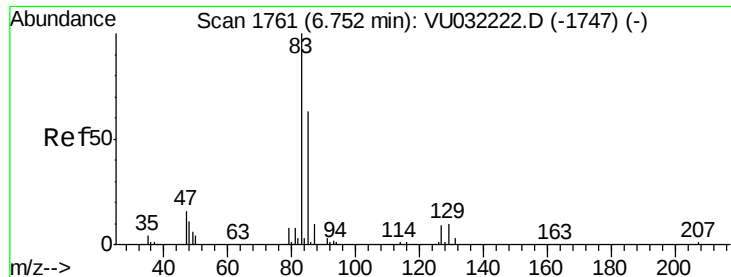
Tgt Ion: 83 Resp: 32721
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 0.8 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.141 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU032231.D
Acq: 22 May 2019 18:48

Tgt Ion: 63 Resp: 14255
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.8#





#38

Bromodichloromethane

Concen: 0.169 ug/L

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU032231.D

Acq: 22 May 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

C0BM2

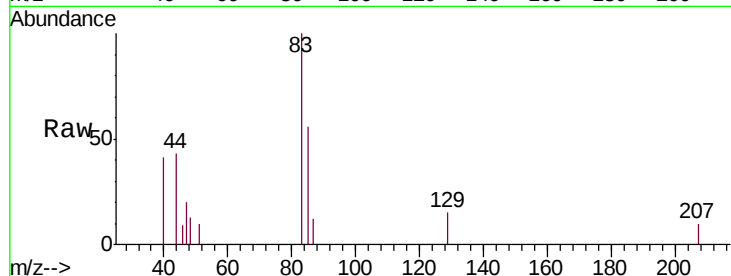
Tgt Ion: 83 Resp: 2751

Ion Ratio Lower Upper

83 100

85 56.5 44.4 82.4

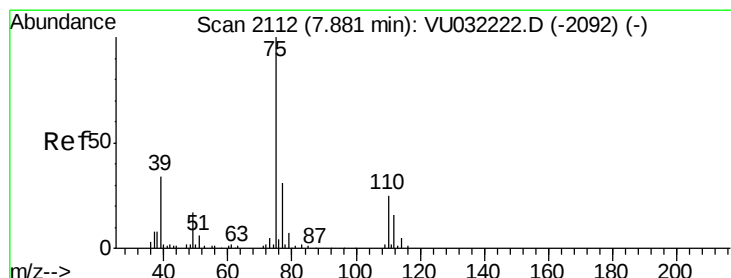
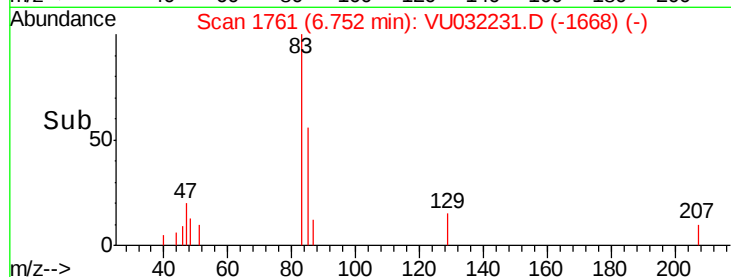
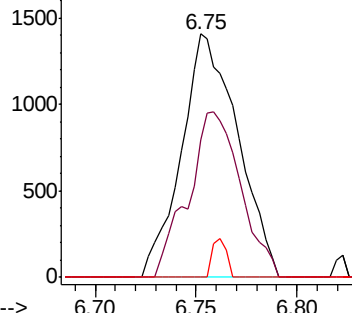
127 0.0 7.0 10.6#



Abundance Ion 82.95 (82.65 to 83.65): VU032222.D (-1747) (-)

Ion 85.00 (84.70 to 85.70): VU032222.D (-1747) (-)

Ion 126.90 (126.60 to 127.60): VU032222.D (-1747) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.03 min

Lab File: VU032231.D

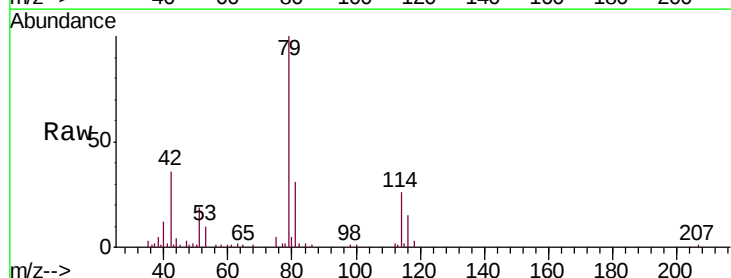
Acq: 22 May 2019 18:48

Tgt Ion: 75 Resp: 1978

Ion Ratio Lower Upper

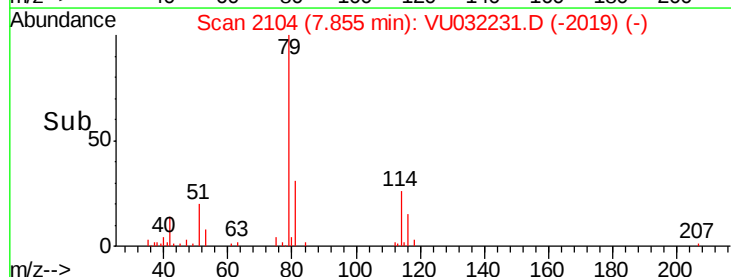
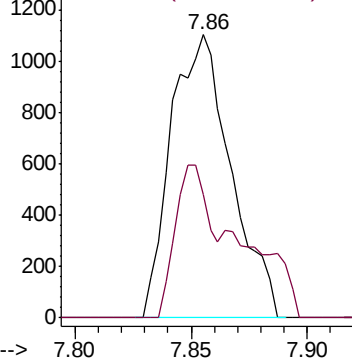
75 100

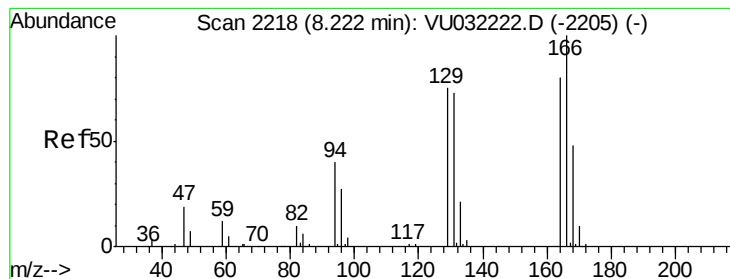
77 43.5 22.5 41.9#



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

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





#47

Tetrachloroethene

Concen: 9.534 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032231.D

Acq: 22 May 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

C0BM2

Tgt Ion:164 Resp: 109633

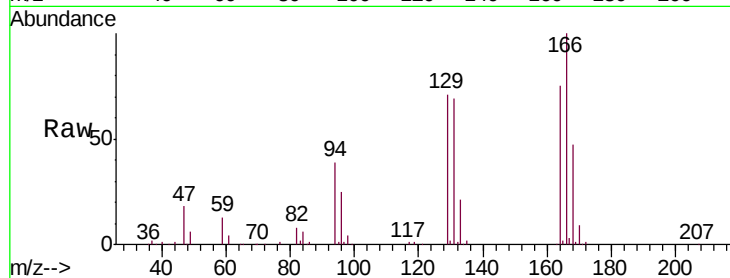
Ion Ratio Lower Upper

164 100

129 94.6 67.1 124.7

131 92.1 62.2 115.4

166 134.1 90.9 168.9

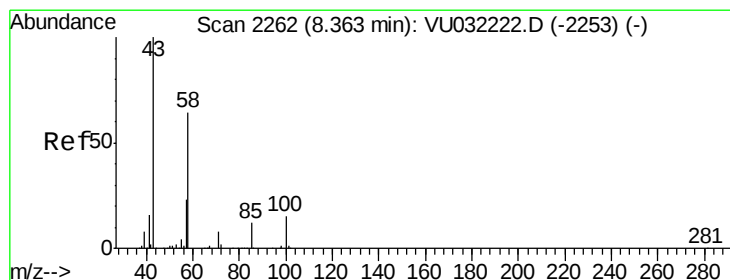
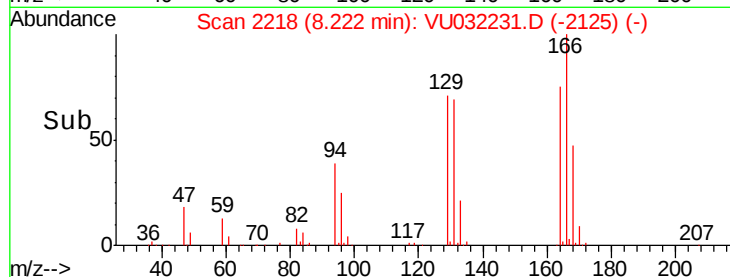
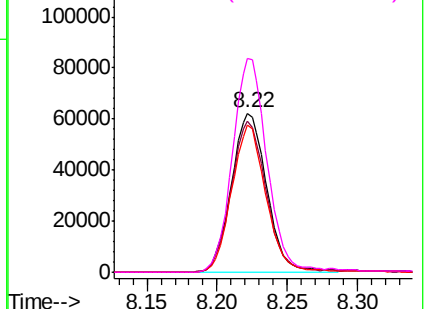


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.375 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU032231.D

Acq: 22 May 2019 18:48

Tgt Ion: 43 Resp: 6664

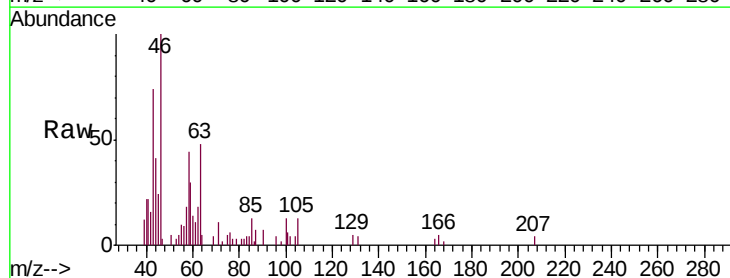
Ion Ratio Lower Upper

43 100

58 58.9 49.7 74.5

57 30.5 17.1 25.7#

100 17.6 11.6 17.4#

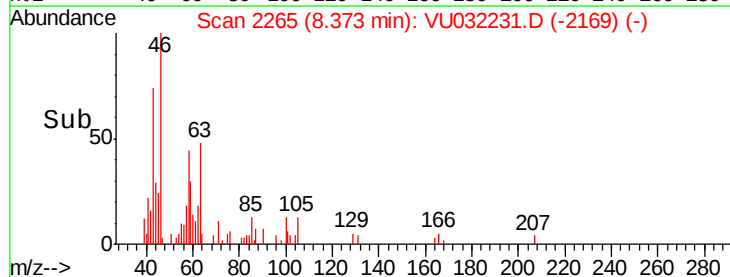
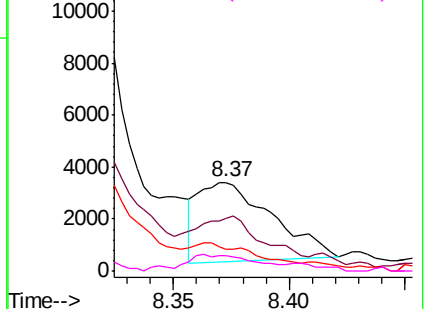


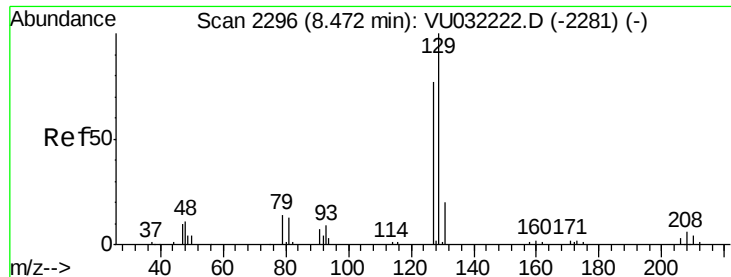
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 9.311 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032231.D

Acq: 22 May 2019 18:48

Instrument :

MSVOA_U

ClientSampleId :

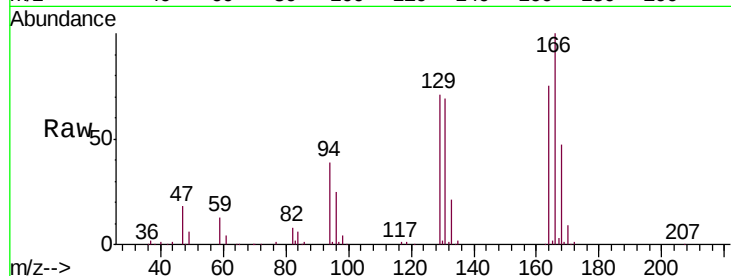
C0BM2

Tgt Ion: 129 Resp: 102270

Ion Ratio Lower Upper

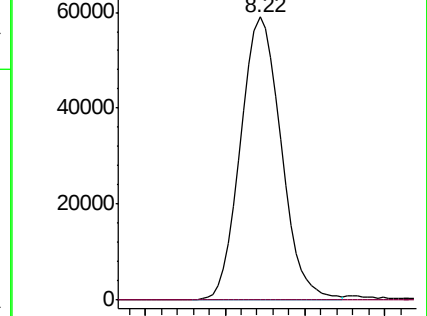
129 100

127 0.0 51.7 95.9#

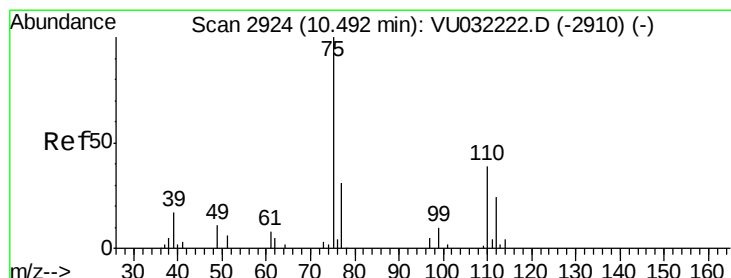
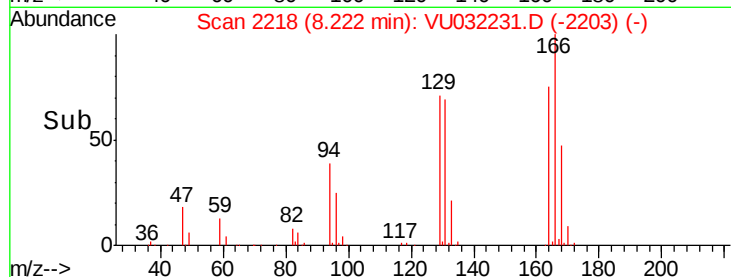


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time-->



#59

1,2,3-Trichloropropane

Concen: 2.001 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032231.D

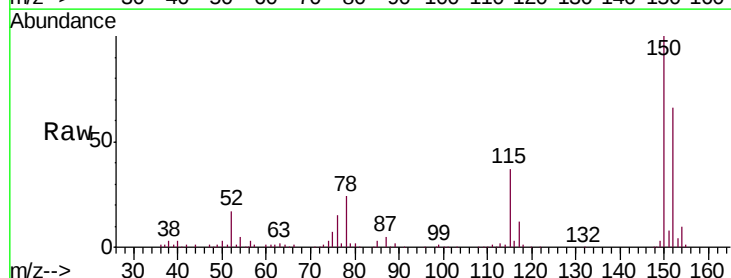
Acq: 22 May 2019 18:48

Tgt Ion: 75 Resp: 16282

Ion Ratio Lower Upper

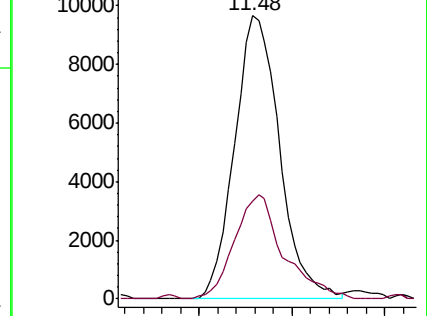
75 100

77 40.3 28.2 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->

