

Data File : VU032244.D
Acq On : 23 May 2019 00:10
Operator : JC/SP
Sample : K2888-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP6

Quant Time: May 23 01:54:24 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	369257	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388348	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	156820	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	117156	5.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.00%
7) Chloroethane-d5	1.68	69	96887	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	172934	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.20	46	249004	42.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.14%
24) Chloroform-d	4.64	84	225882	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.31	65	110490	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	5.33	84	455769	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.33	67	133928	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.80%
41) Toluene-d8	7.56	98	381274	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	7.85	79	43191	3.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.80%
46) 2-Hexanone-d5	8.31	63	247633	47.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105245	2.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	59.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	144233	3.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.80%#

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	3741	0.236	ug/L	83
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1919	0.147	ug/L #	23
12) 1,1-Dichloroethene	2.27	96	2141	0.163	ug/L #	1
13) Acetone	2.34	43	24162	13.332	ug/L	98
25) Chloroform	4.67	83	5469	0.232	ug/L	97
34) Trichloroethene	6.18	95	6184	0.439	ug/L	97
35) Methylcyclohexane	6.33	83	32038	1.543	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	13918	1.100	ug/L #	86
38) Bromodichloromethane	6.76	83	2919	0.178	ug/L	94
39) cis-1,3-Dichloropropene	7.23	75	3226	0.179	ug/L #	77
44) trans-1,3-Dichloropropene	7.86	75	1932	0.137	ug/L #	19
45) 1,1,2-Trichloroethane	8.22	97	55887	5.722	ug/L #	1
47) Tetrachloroethene	8.22	164	7818093	671.732	ug/L	97
48) 2-Hexanone	8.37	43	7220	1.472	ug/L #	62
49) Dibromochloromethane	8.22	129	7100914	638.714	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	15234	1.849	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052219\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 01:46:44 2019
Response via : Initial Calibration

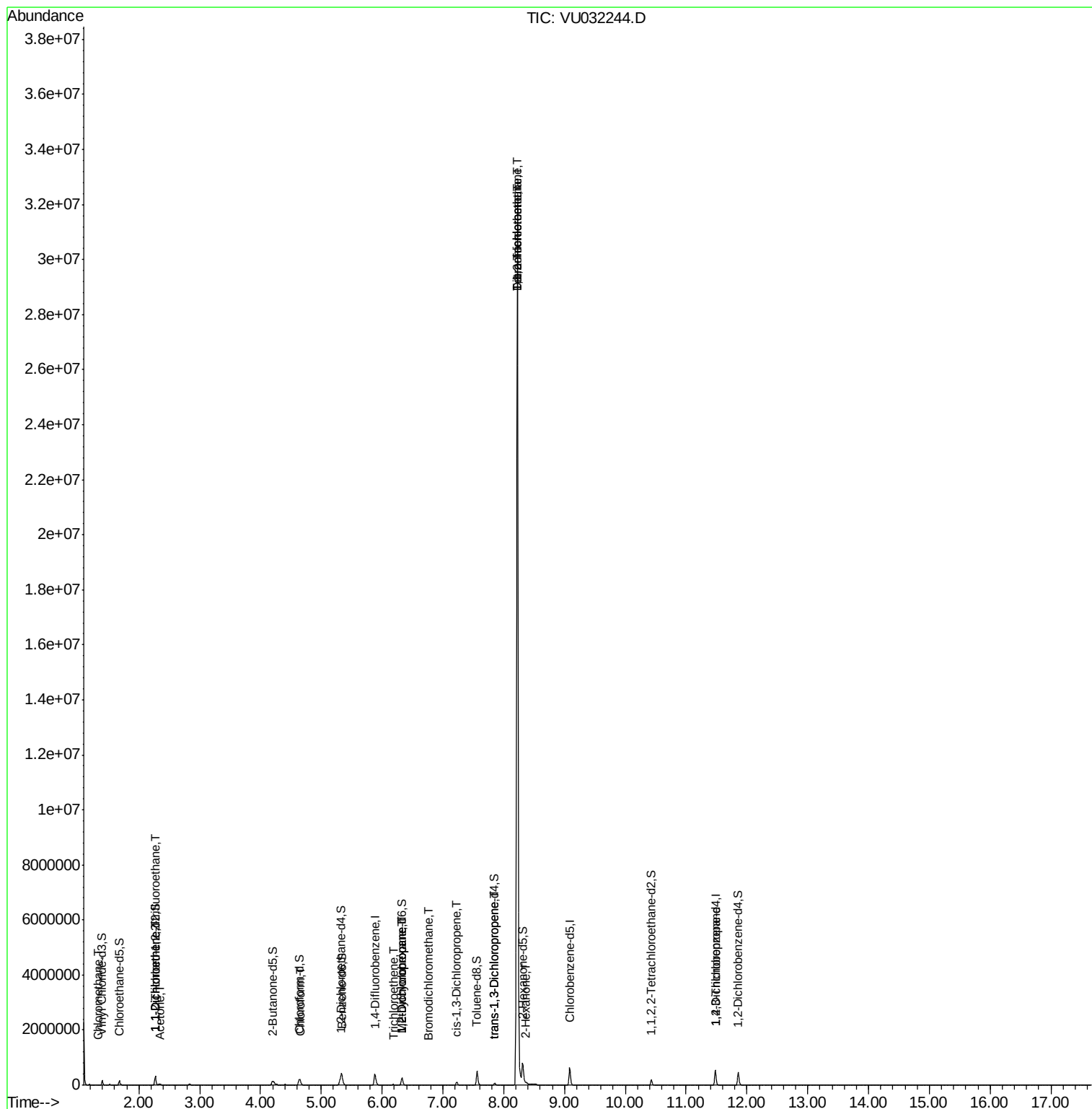
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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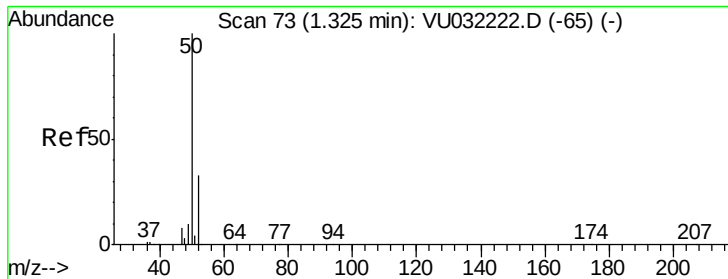
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.236 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Instrument :

MSVOA_U

ClientSampleId :

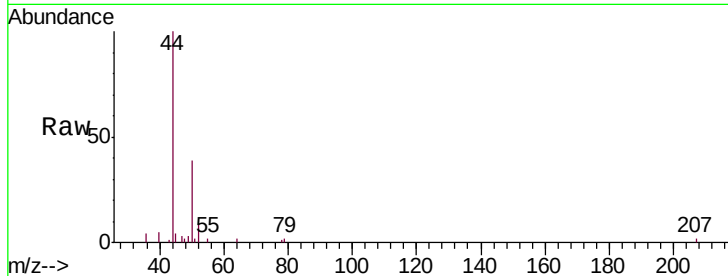
C0BP6

Tgt Ion: 50 Resp: 3741

Ion Ratio Lower Upper

50 100

52 23.9 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) (-)

1.32

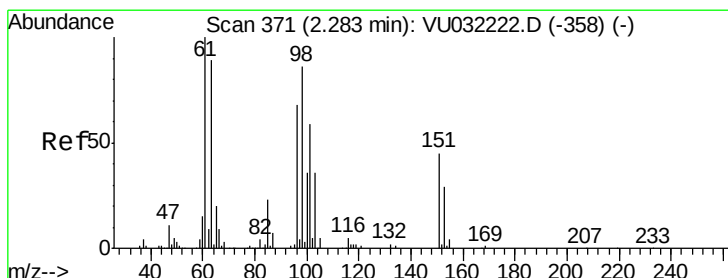
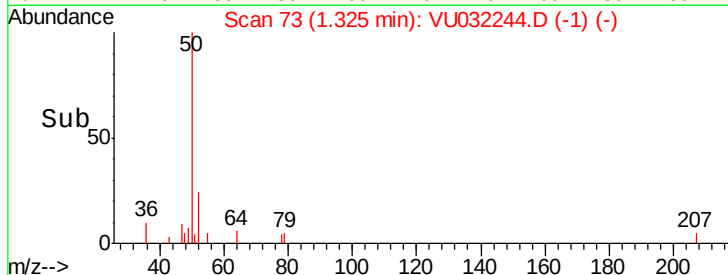
3000

2000

1000

0

Time-->



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.147 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

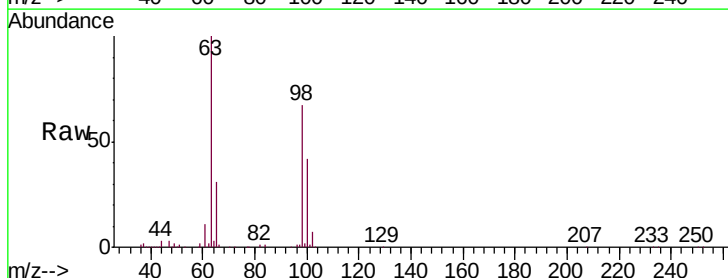
Tgt Ion: 101 Resp: 1919

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

151 8.2 64.4 96.6#



Abundance Ion 101.00 (100.70 to 101.70): VU032222.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU032222.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU032222.D (-358) (-)

2.27

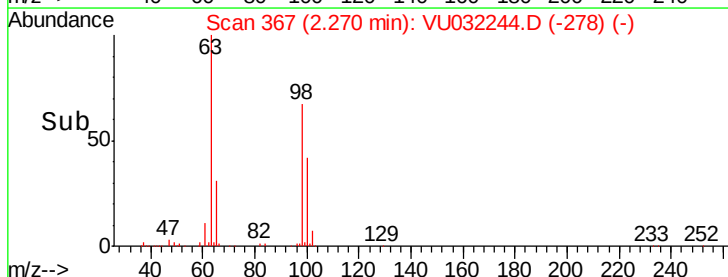
1500

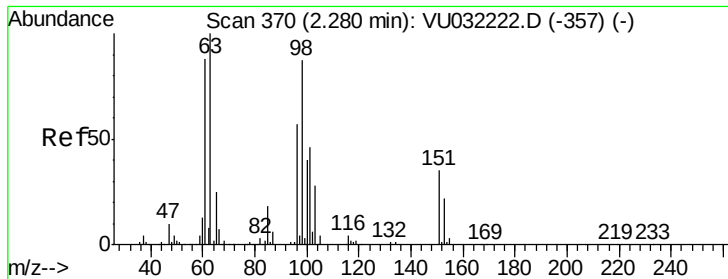
1000

500

0

Time-->

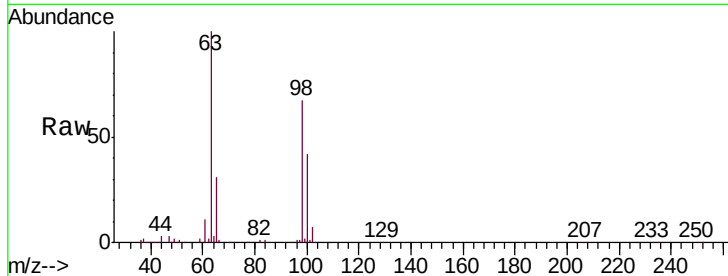




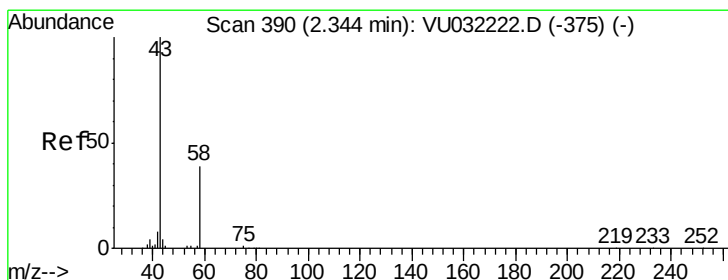
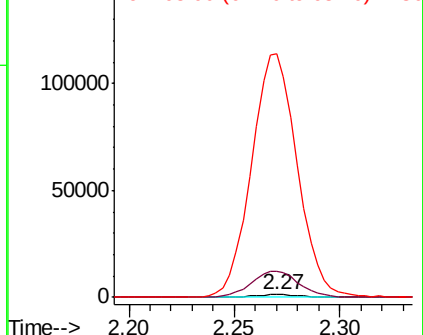
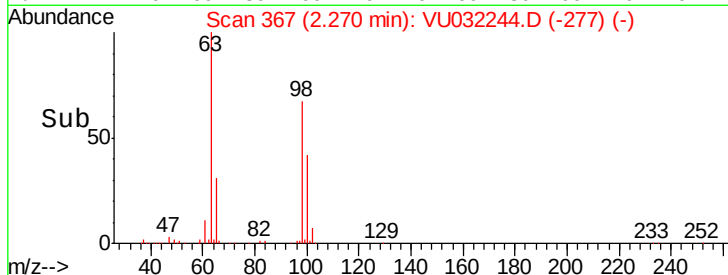
#12
 1,1-Dichloroethene
 Concen: 0.163 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU032244.D
 Acq: 23 May 2019 00:10

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP6

Tgt Ion: 96 Resp: 2141
 Ion Ratio Lower Upper
 96 100
 61 943.4 113.8 211.3#
 63 8656.5 108.8 202.2#

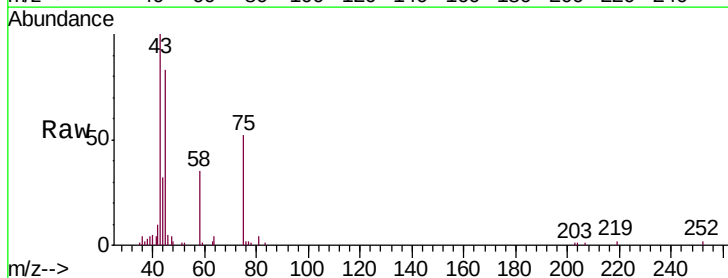


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

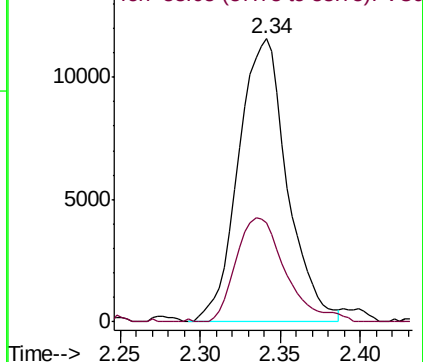
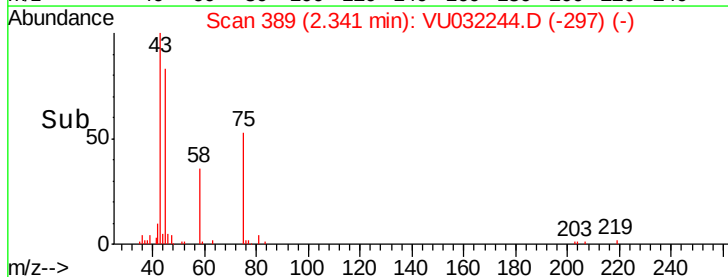


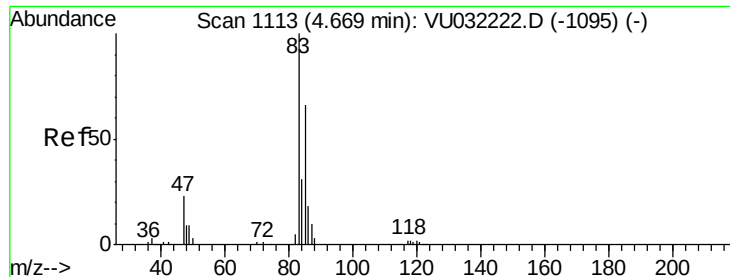
#13
 Acetone
 Concen: 13.332 ug/L
 RT: 2.34 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VU032244.D
 Acq: 23 May 2019 00:10

Tgt Ion: 43 Resp: 24162
 Ion Ratio Lower Upper
 43 100
 58 37.3 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0

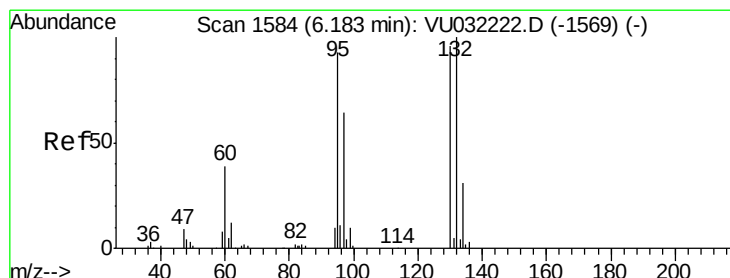
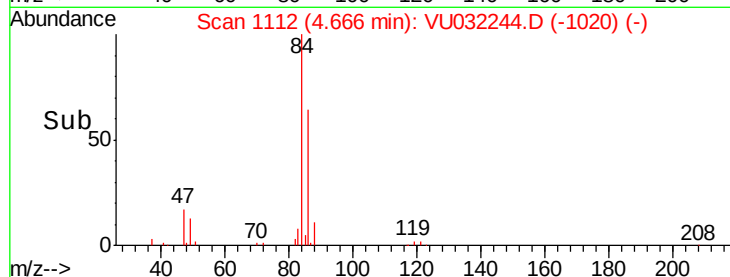
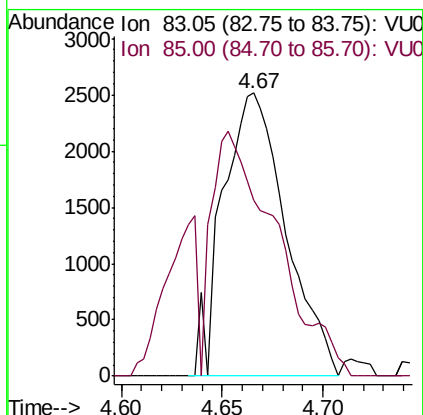
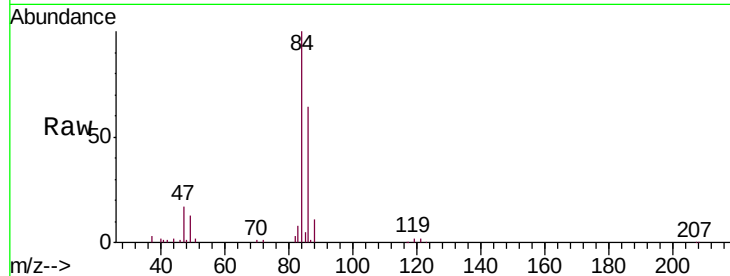




#25
Chloroform
Concen: 0.232 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU032244.D
Acq: 23 May 2019 00:10

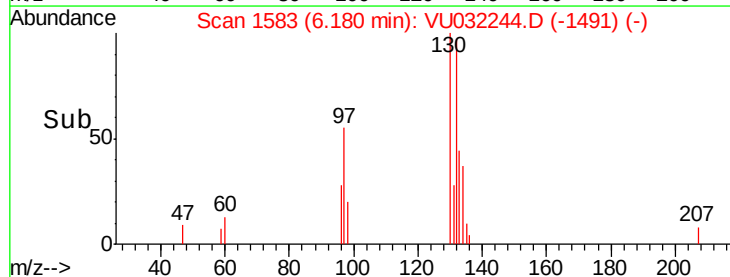
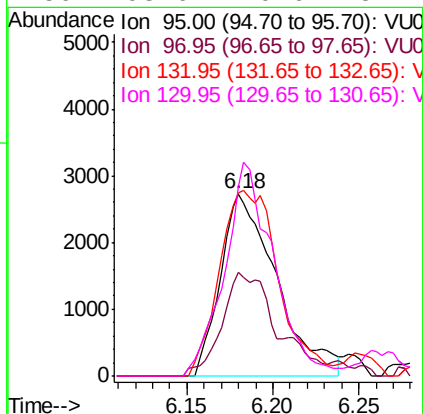
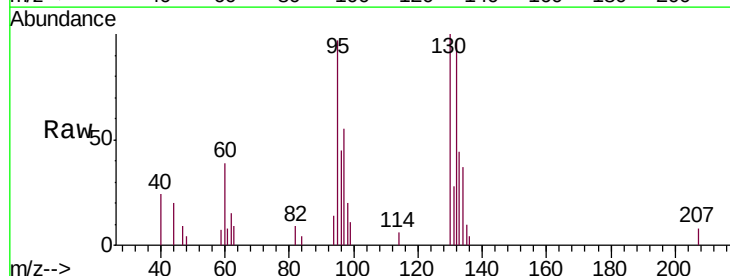
Instrument :
MSVOA_U
ClientSampleId :
C0BP6

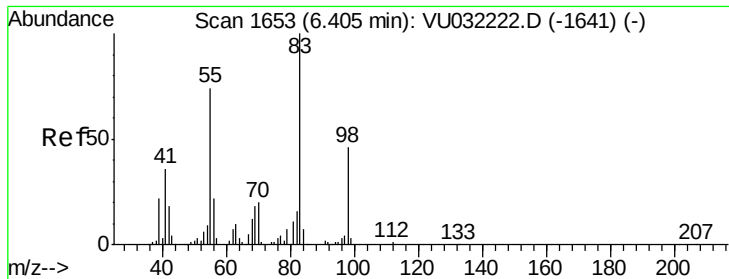
Tgt Ion: 83 Resp: 5469
Ion Ratio Lower Upper
83 100
85 62.0 41.6 77.3



#34
Trichloroethene
Concen: 0.439 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. -0.00 min
Lab File: VU032244.D
Acq: 23 May 2019 00:10

Tgt Ion: 95 Resp: 6184
Ion Ratio Lower Upper
95 100
97 57.1 39.9 74.1
132 100.4 65.9 122.5
130 103.6 70.6 131.2

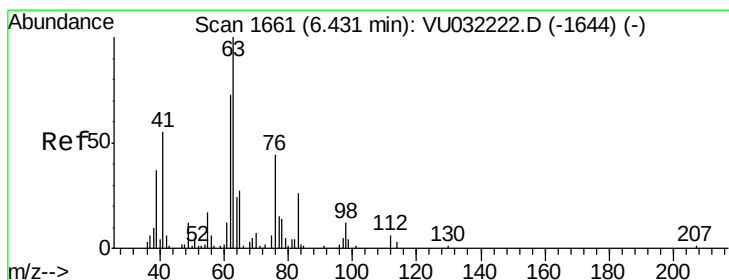
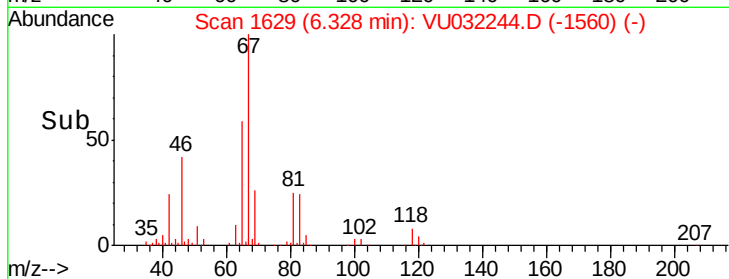
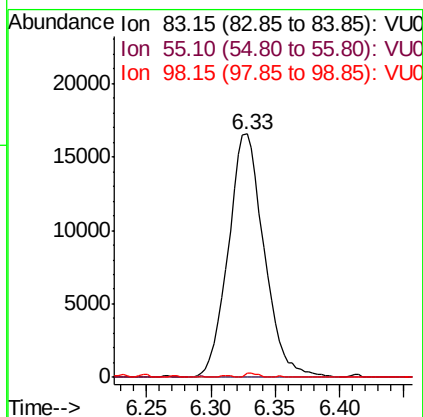
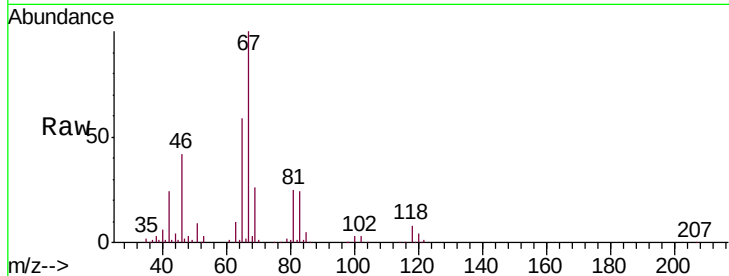




#35
Methylcyclohexane
Concen: 1.543 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032244.D
Acq: 23 May 2019 00:10

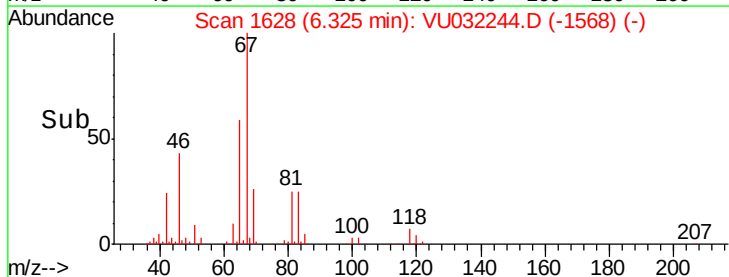
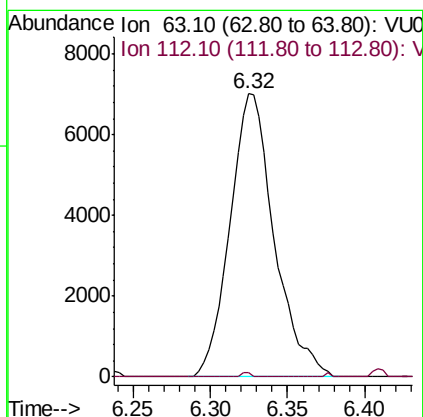
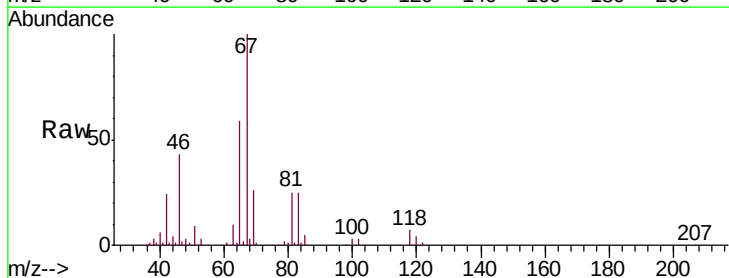
Instrument :
MSVOA_U
ClientSampleId :
C0BP6

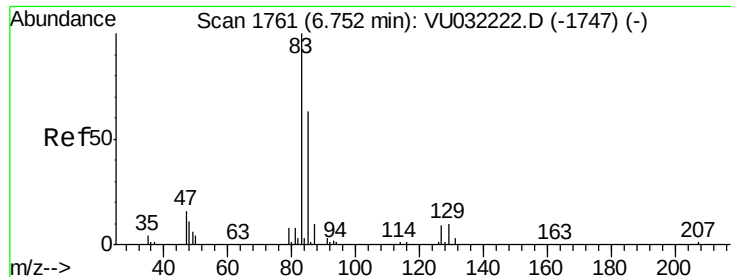
Tgt Ion: 83 Resp: 32038
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.100 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032244.D
Acq: 23 May 2019 00:10

Tgt Ion: 63 Resp: 13918
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.8#





#38

Bromodichloromethane

Concen: 0.178 ug/L

RT: 6.76 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Instrument :

MSVOA_U

ClientSampleId :

C0BP6

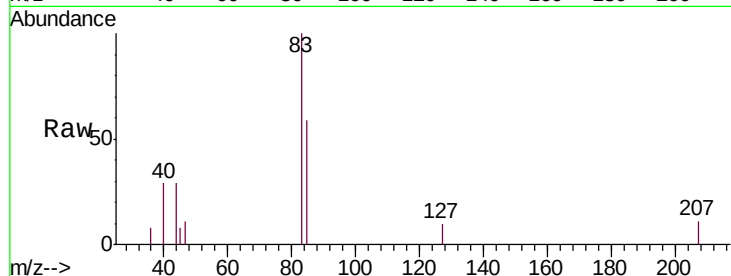
Tgt Ion: 83 Resp: 2919

Ion Ratio Lower Upper

83 100

85 59.0 44.4 82.4

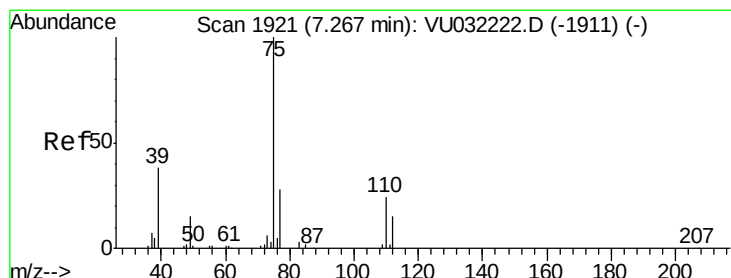
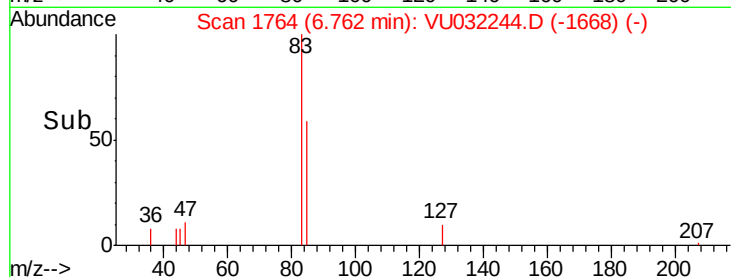
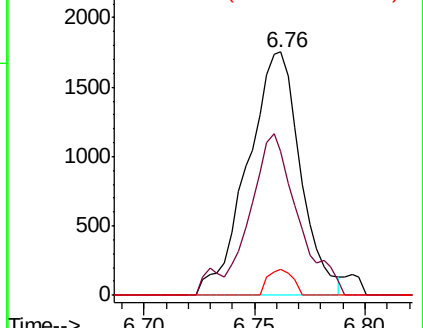
127 10.5 7.0 10.6



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) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.179 ug/L

RT: 7.23 min Scan# 1909

Delta R.T. -0.04 min

Lab File: VU032244.D

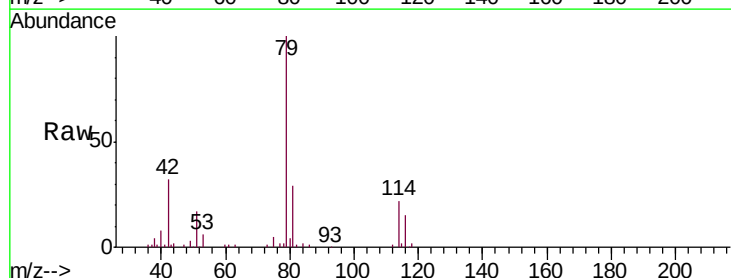
Acq: 23 May 2019 00:10

Tgt Ion: 75 Resp: 3226

Ion Ratio Lower Upper

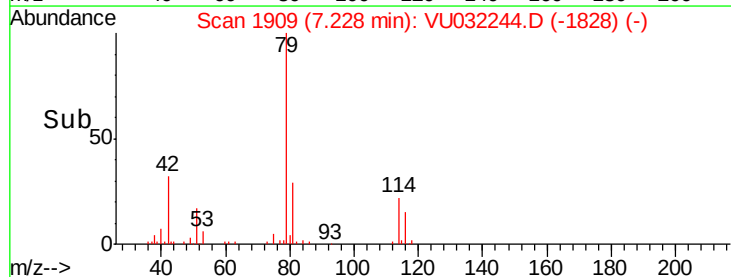
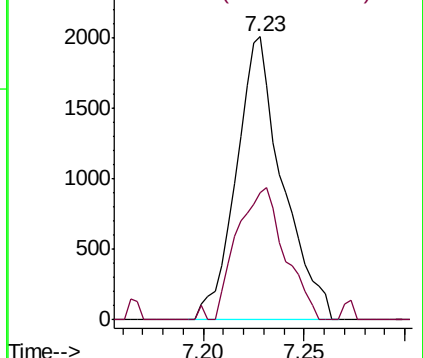
75 100

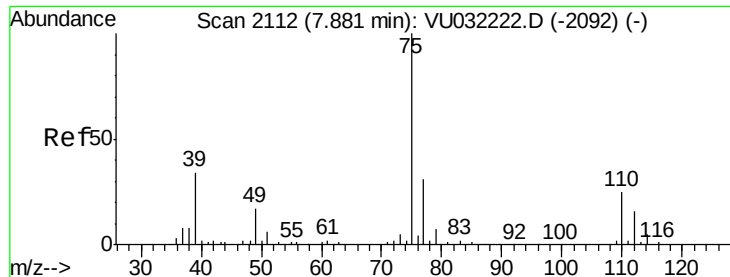
77 45.2 22.6 42.0#



Abundance Ion 75.05 (74.75 to 75.75): VU032222.D (-1911) (-)

Ion 77.05 (76.75 to 77.75): VU032222.D (-1911) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.137 ug/L

RT: 7.86 min Scan# 2104

Delta R.T. -0.03 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

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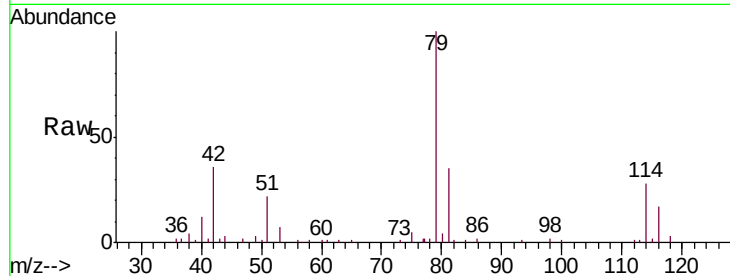
C0BP6

Tgt Ion: 75 Resp: 1932

Ion Ratio Lower Upper

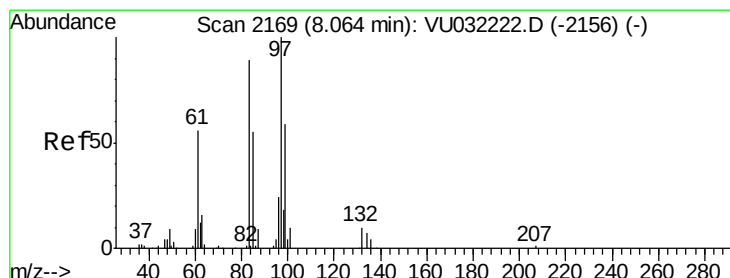
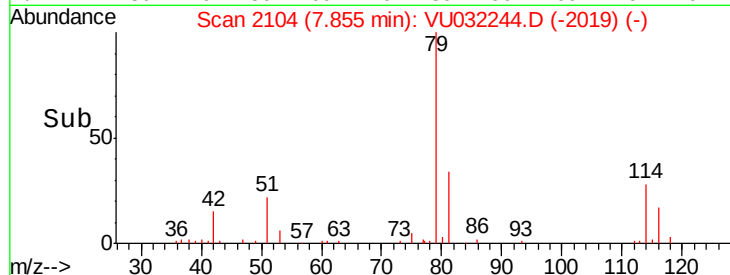
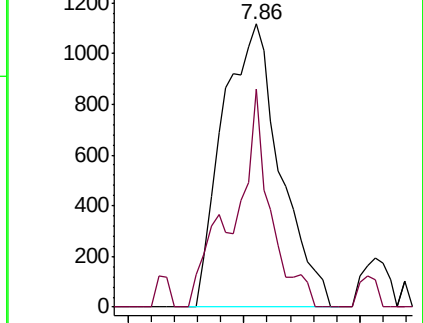
75 100

77 77.2 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#45

1,1,2-Trichloroethane

Concen: 5.722 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.16 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Tgt Ion: 97 Resp: 55887

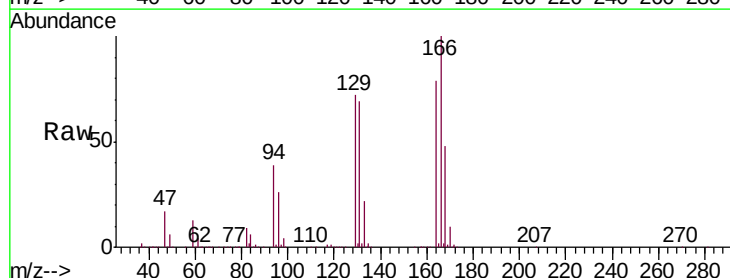
Ion Ratio Lower Upper

97 100

99 15.3 44.2 82.0#

83 284.1 60.5 112.3#

85 37.7 36.3 67.3

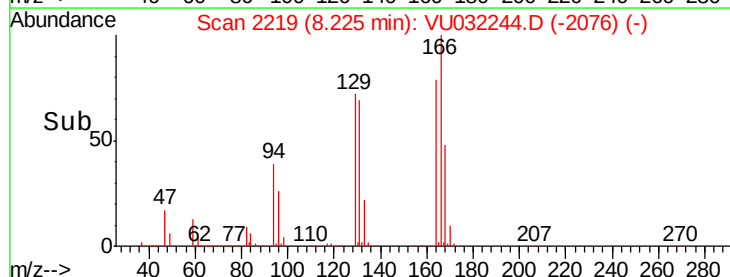
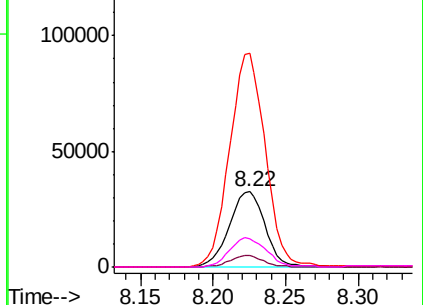


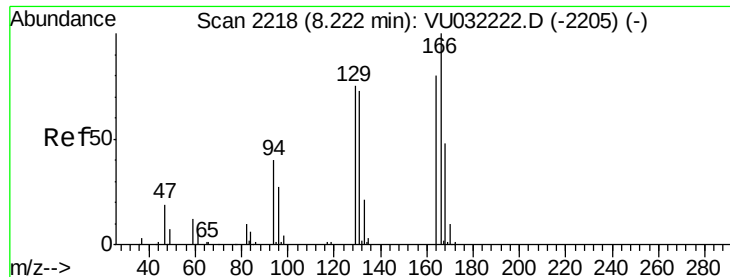
Abundance Ion 96.95 (96.65 to 97.65): VU0

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: 671.732 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Instrument :

MSVOA_U

ClientSampleId :

C0BP6

Tgt Ion:164 Resp: 7818093

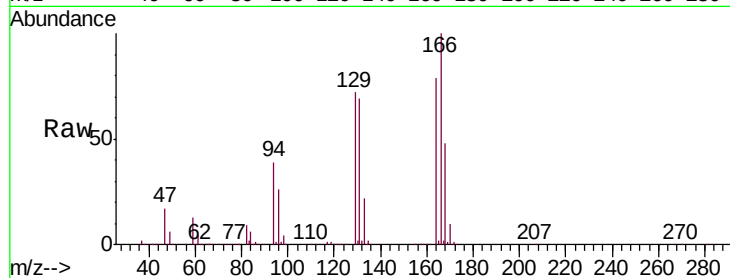
Ion Ratio Lower Upper

164 100

129 90.9 67.1 124.7

131 87.6 62.2 115.4

166 126.9 90.9 168.9

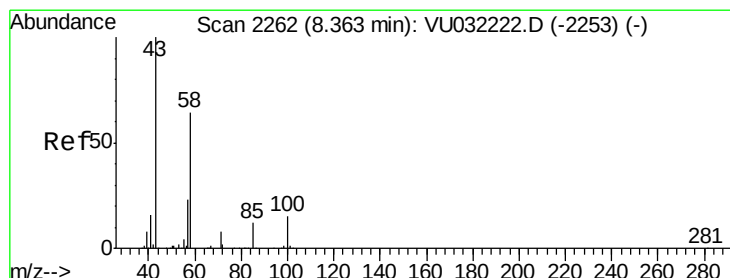
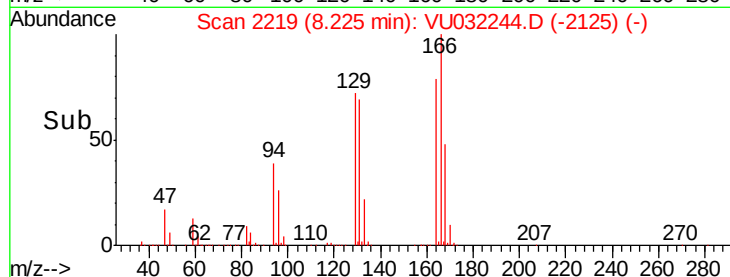
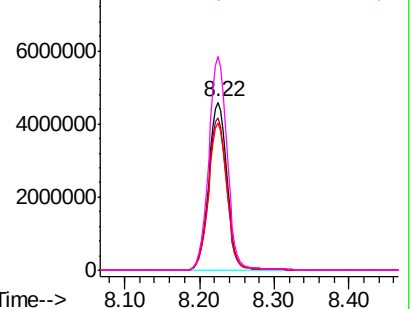


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.472 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Tgt Ion: 43 Resp: 7220

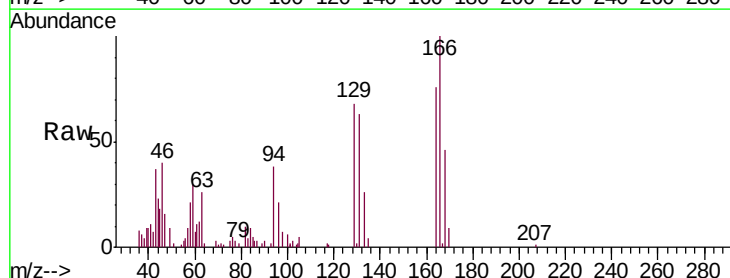
Ion Ratio Lower Upper

43 100

58 25.9 49.7 74.5#

57 6.4 17.1 25.7#

100 11.0 11.6 17.4#

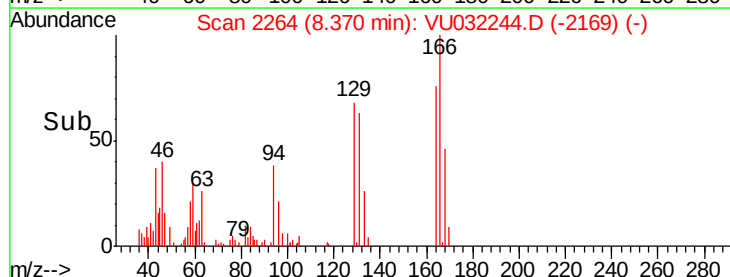
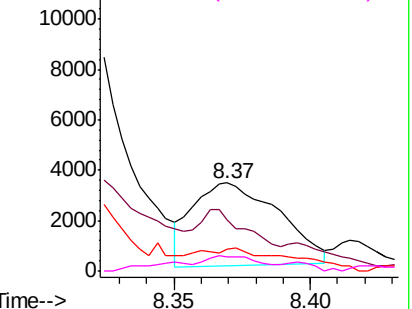


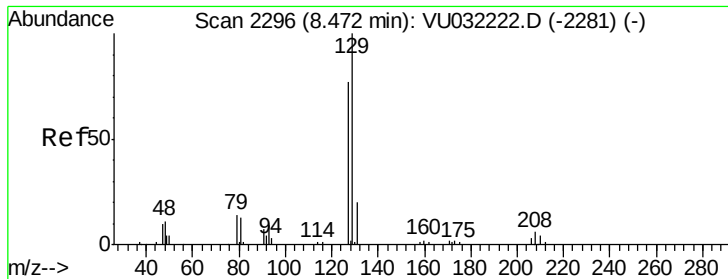
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 638.714 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU032244.D

Acq: 23 May 2019 00:10

Instrument :

MSVOA_U

ClientSampleId :

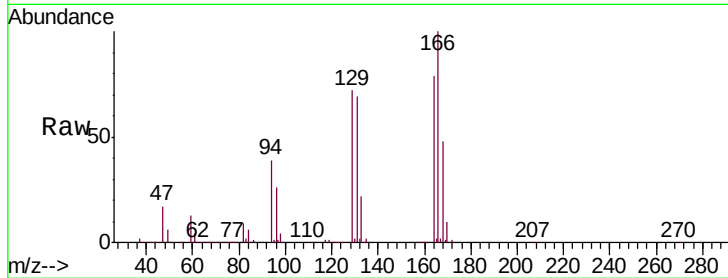
C0BP6

Tgt Ion:129 Resp: 7100914

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

4000000

3000000

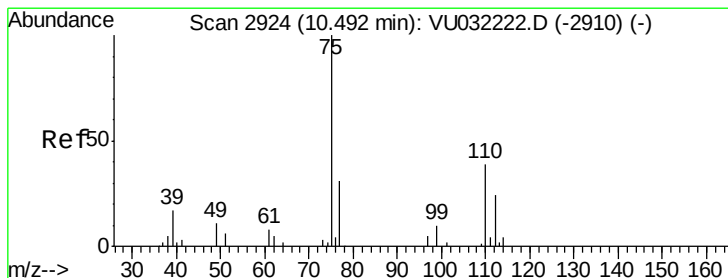
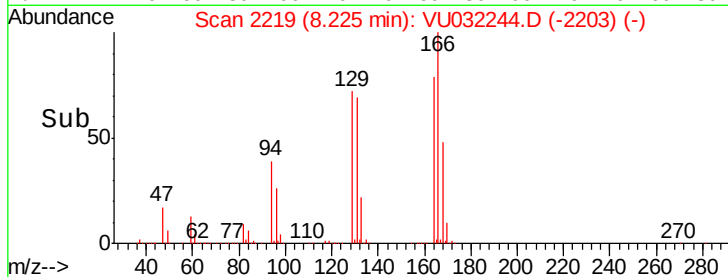
2000000

1000000

0

Time-->

8.10 8.20 8.30 8.40



#59

1,2,3-Trichloropropane

Concen: 1.849 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032244.D

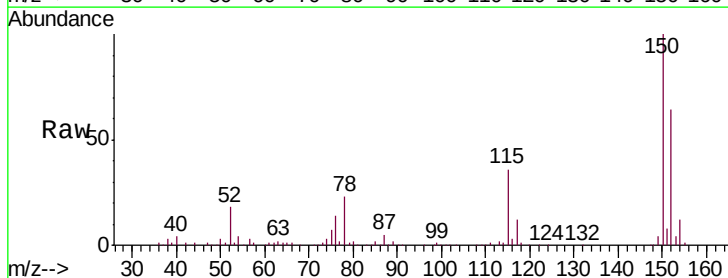
Acq: 23 May 2019 00:10

Tgt Ion: 75 Resp: 15234

Ion Ratio Lower Upper

75 100

77 36.9 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-->

11.45 11.50

