

Data File : VU032262.D
Acq On : 23 May 2019 11:29
Operator : JC/SP
Sample : K2888-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BP4

Quant Time: May 24 01:38:11 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	311208	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309991	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117768	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92555	5.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.00%
7) Chloroethane-d5	1.68	69	89518	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.27	63	135162	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	4.19	46	260674	52.88	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.76%
24) Chloroform-d	4.64	84	206975	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.31	65	108113	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.33	84	399132	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.33	67	124301	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	7.56	98	314172	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.85	79	36151	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
46) 2-Hexanone-d5	8.31	63	220372	53.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.64%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	108413	3.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	123014	3.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	75.80%#

Target Compounds

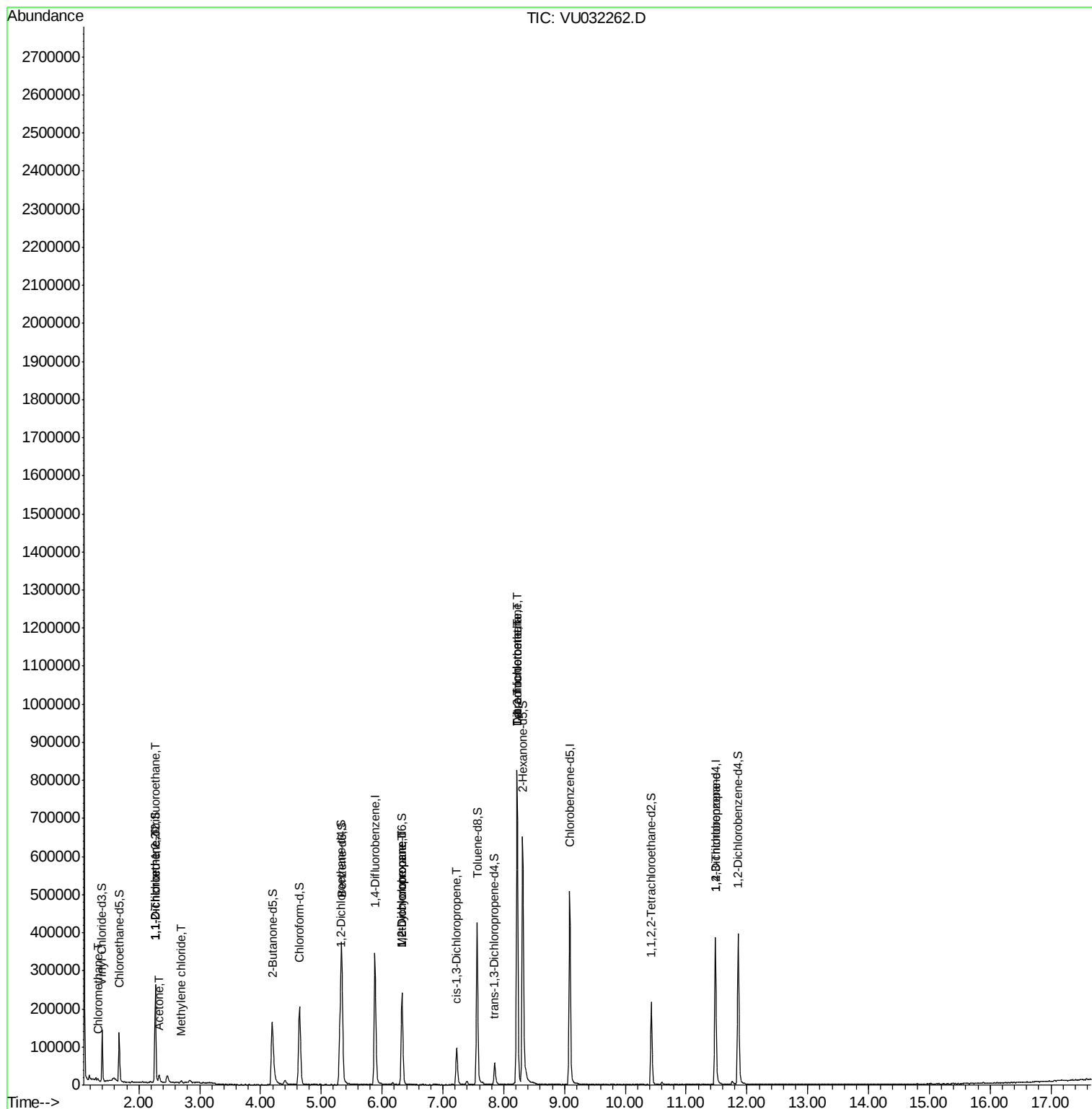
					Qvalue
3) Chloromethane	1.32	50	3175	0.238 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1547	0.140 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1567	0.141 ug/L #	1
13) Acetone	2.33	43	10435	6.832 ug/L	86
16) Methylene chloride	2.69	84	1696	0.115 ug/L	90
35) Methylcyclohexane	6.32	83	29987	1.809 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	12753	1.263 ug/L #	88
39) cis-1,3-Dichloropropene	7.23	75	2452	0.171 ug/L	99
45) 1,1,2-Trichloroethane	8.22	97	1656	0.212 ug/L #	1
47) Tetrachloroethene	8.22	164	204828	22.047 ug/L	97
49) Dibromochloromethane	8.22	129	178403	20.103 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	12052	1.833 ug/L	98

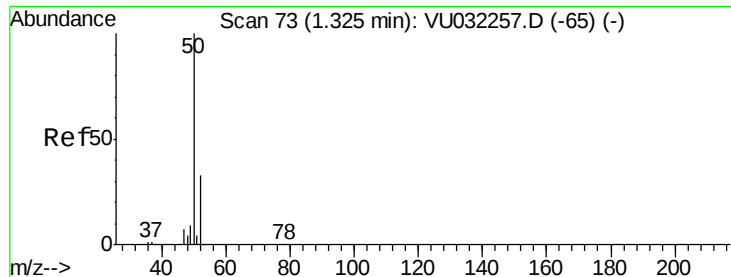
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.238 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032262.D

Acq: 23 May 2019 11:29

Instrument :

MSVOA_U

ClientSampled :

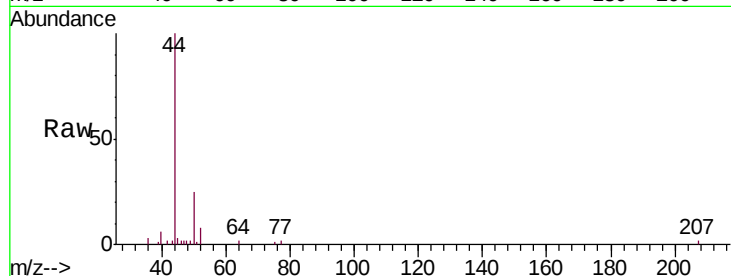
C0BP4

Tgt Ion: 50 Resp: 3175

Ion Ratio Lower Upper

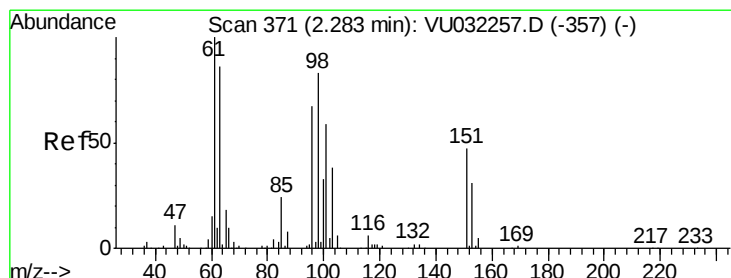
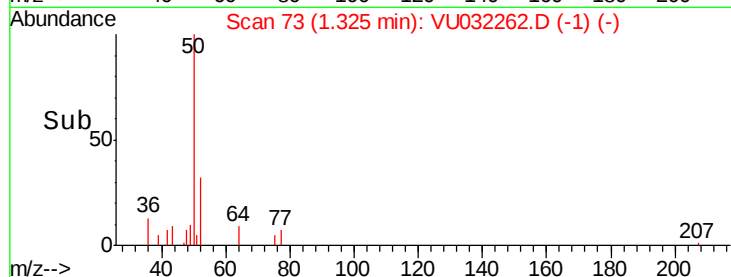
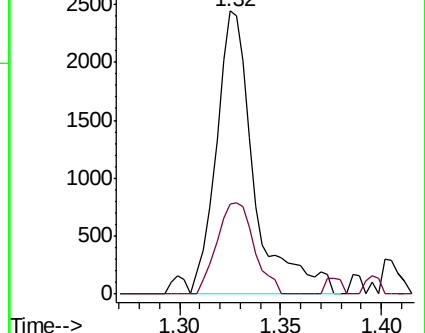
50 100

52 31.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU032257.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU032257.D (-65) (-)



#10

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

Concen: 0.140 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032262.D

Acq: 23 May 2019 11:29

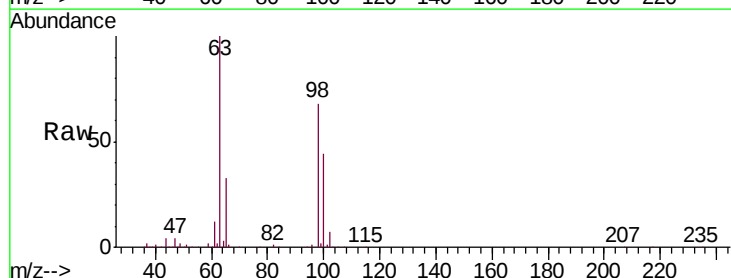
Tgt Ion: 101 Resp: 1547

Ion Ratio Lower Upper

101 100

85 0.0 34.2 51.4#

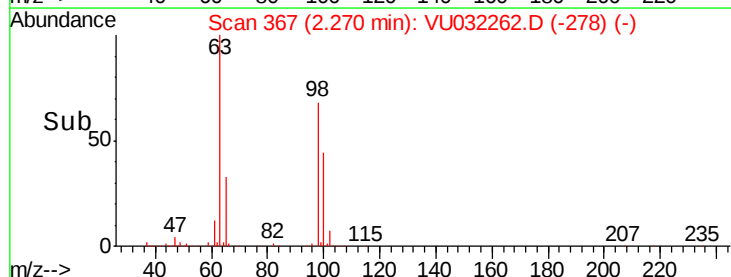
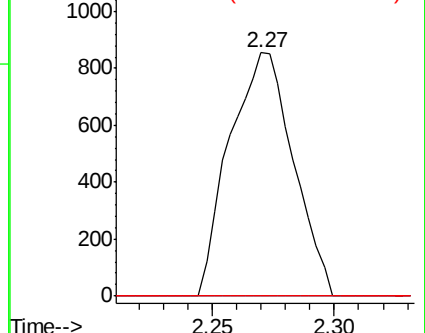
151 0.0 64.4 96.6#

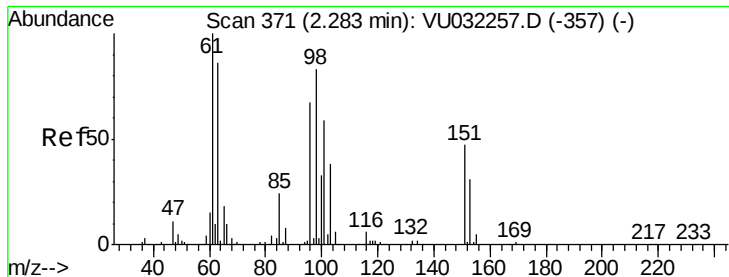


Abundance Ion 101.00 (100.70 to 101.70): VU032257.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU032257.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU032257.D (-357) (-)





#12

1,1-Dichloroethene

Concen: 0.141 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032262.D

Acq: 23 May 2019 11:29

Instrument :

MSVOA_U

ClientSampleId :

C0BP4

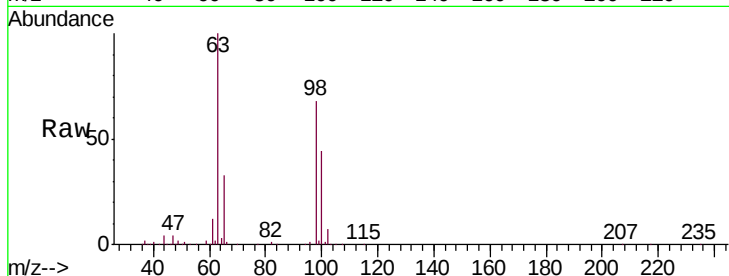
Tgt Ion: 96 Resp: 1567

Ion Ratio Lower Upper

96 100

61 988.9 113.8 211.3#

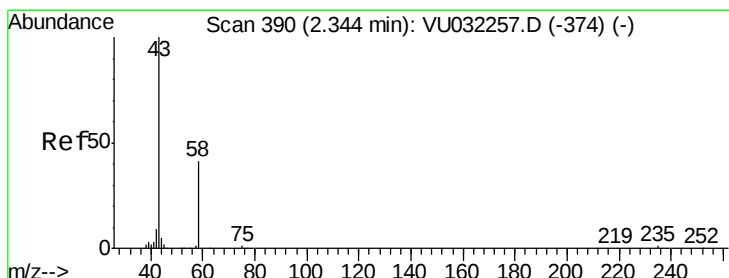
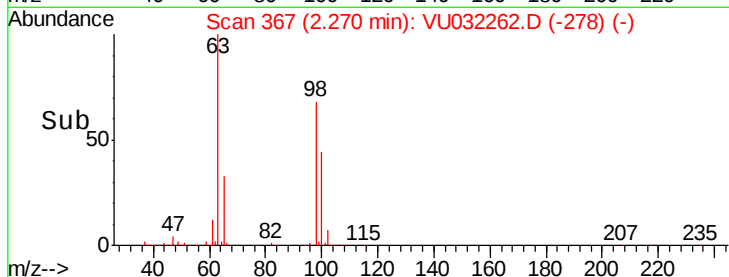
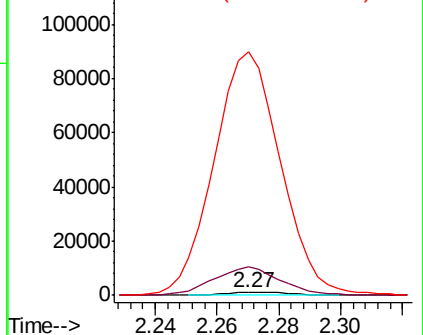
63 8482.7 108.8 202.2#



Abundance Ion 96.00 (95.70 to 96.70): VU032262.D (-278) (-)

Ion 61.05 (60.75 to 61.75): VU032262.D (-278) (-)

Ion 63.00 (62.70 to 63.70): VU032262.D (-278) (-)



#13

Acetone

Concen: 6.832 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU032262.D

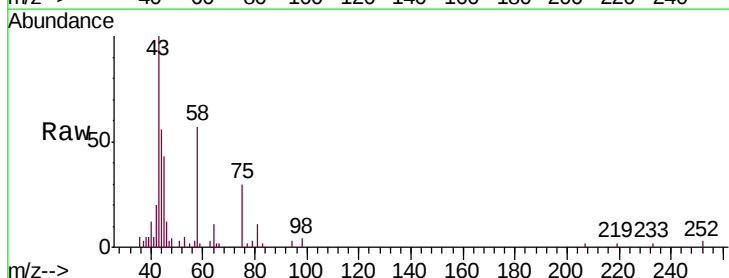
Acq: 23 May 2019 11:29

Tgt Ion: 43 Resp: 10435

Ion Ratio Lower Upper

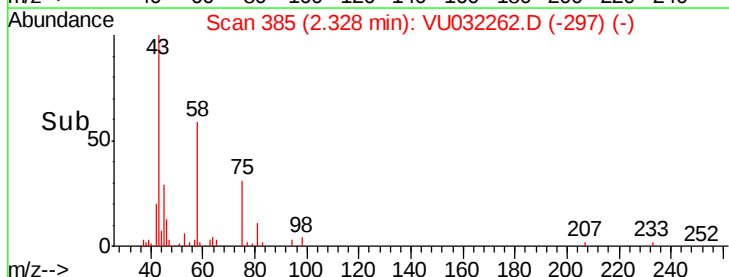
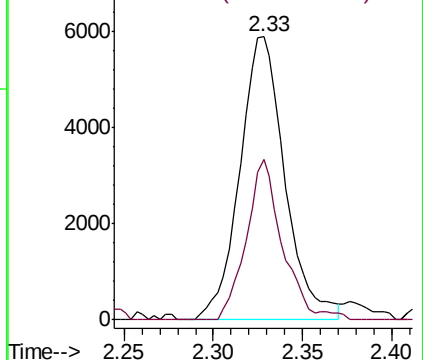
43 100

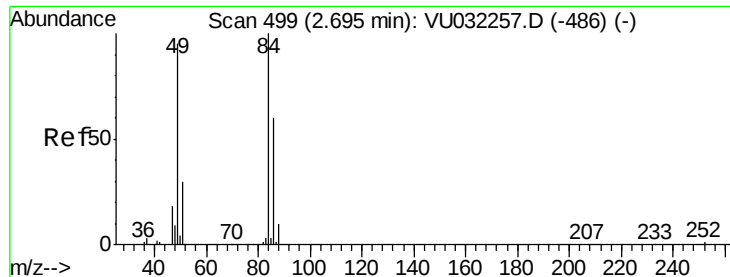
58 44.4 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU032262.D (-297) (-)

Ion 58.05 (57.75 to 58.75): VU032262.D (-297) (-)

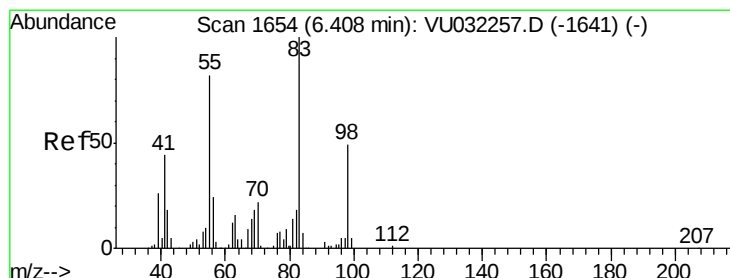
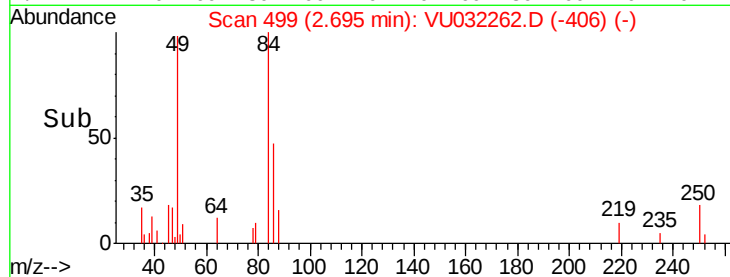
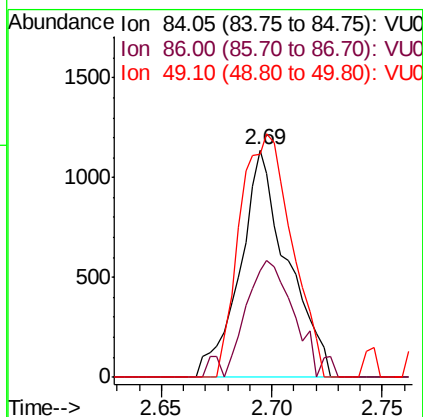
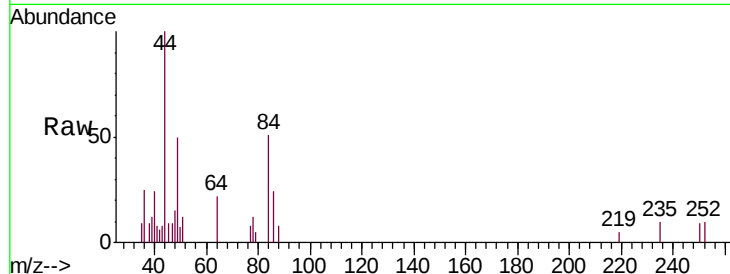




#16
Methylene chloride
Concen: 0.115 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032262.D
Acq: 23 May 2019 11:29

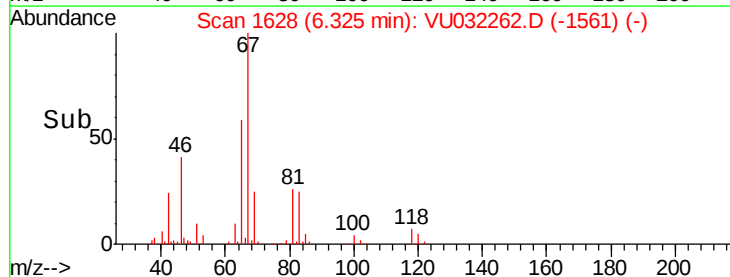
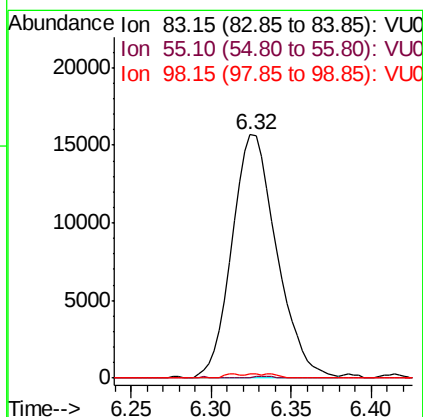
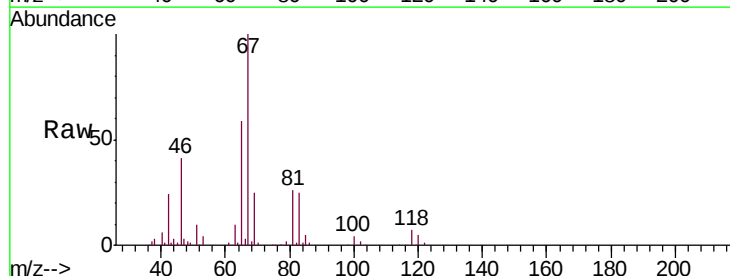
Instrument :
MSVOA_U
ClientSampleId :
C0BP4

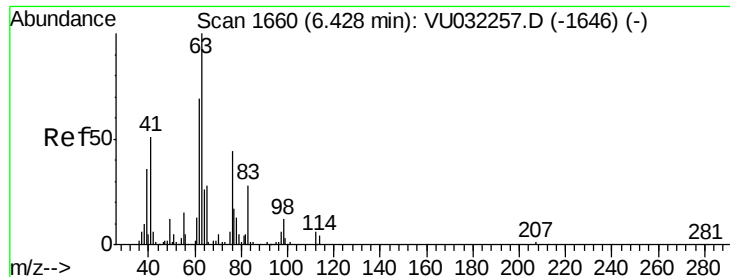
Tgt Ion: 84 Resp: 1696
Ion Ratio Lower Upper
84 100
86 46.8 43.6 81.0
49 97.9 71.1 132.1



#35
Methylcyclohexane
Concen: 1.809 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032262.D
Acq: 23 May 2019 11:29

Tgt Ion: 83 Resp: 29987
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 1.0 37.5 56.3#

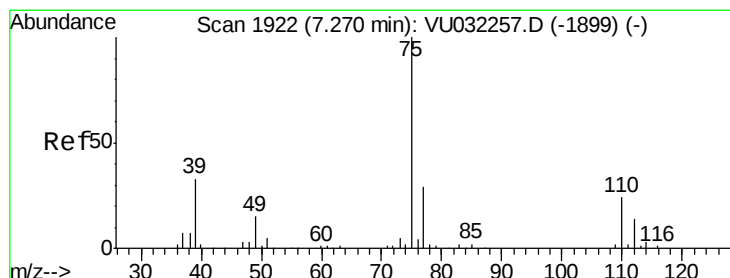
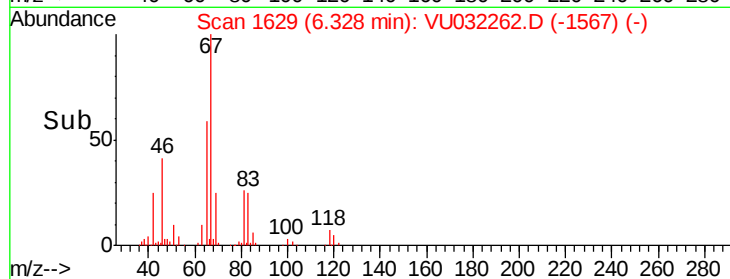
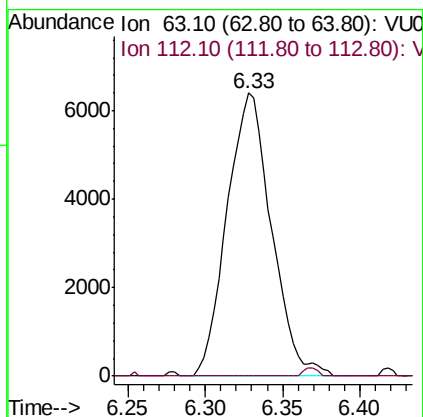
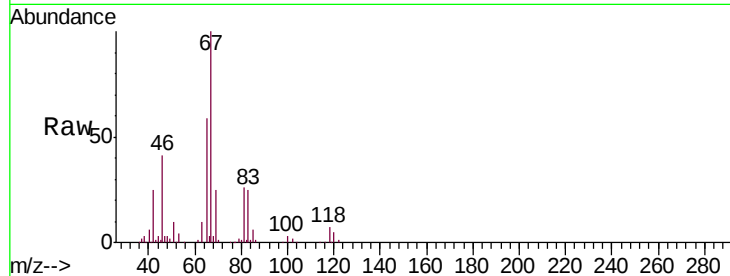




#37
 1,2-Dichloropropane
 Concen: 1.263 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032262.D
 Acq: 23 May 2019 11:29

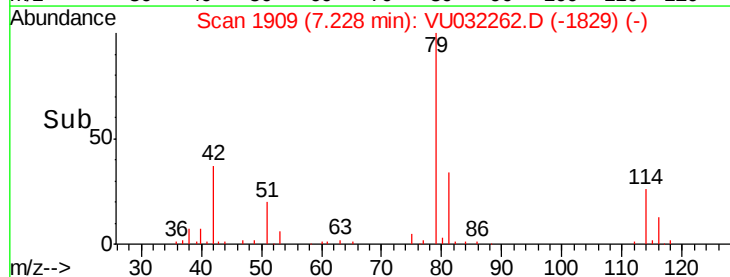
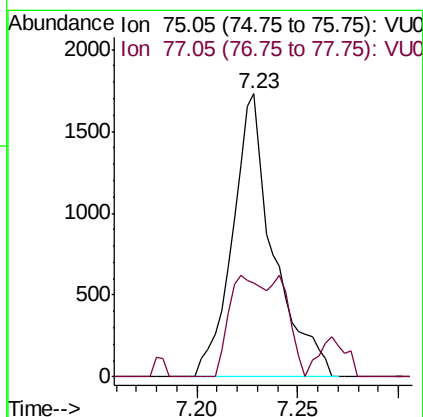
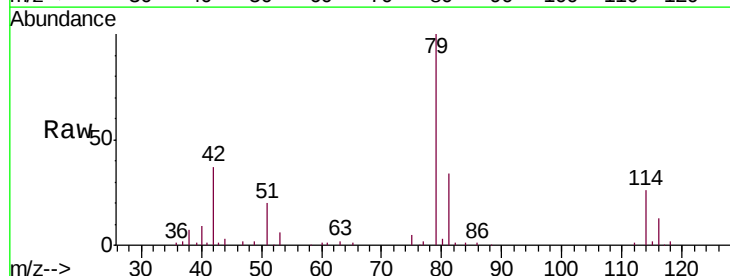
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BP4

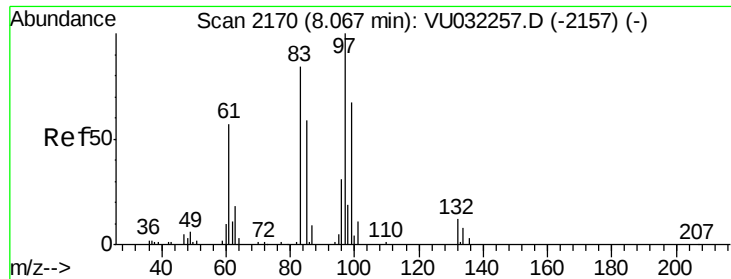
Tgt Ion: 63 Resp: 12753
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.171 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU032262.D
 Acq: 23 May 2019 11:29

Tgt Ion: 75 Resp: 2452
 Ion Ratio Lower Upper
 75 100
 77 33.0 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 0.212 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. 0.15 min

Lab File: VU032262.D

Acq: 23 May 2019 11:29

Instrument :

MSVOA_U

ClientSampleId :

C0BP4

Tgt Ion: 97 Resp: 1656

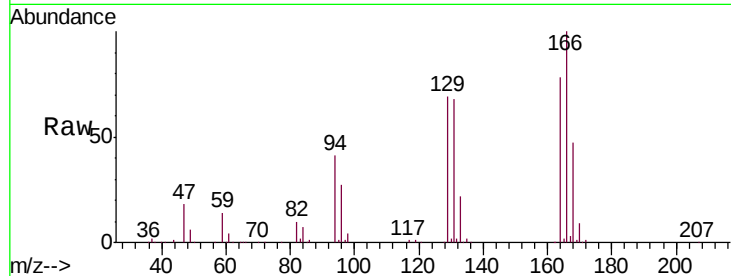
Ion Ratio Lower Upper

97 100

99 0.0 44.2 82.0#

83 284.5 60.5 112.3#

85 41.7 36.3 67.3

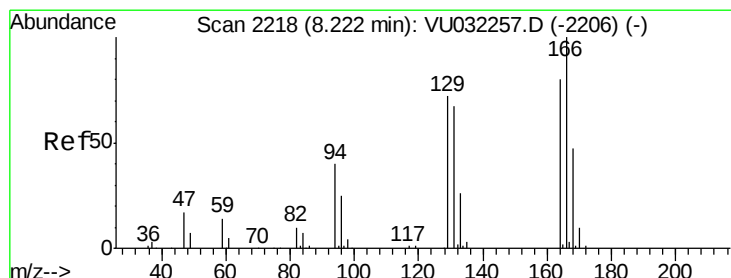
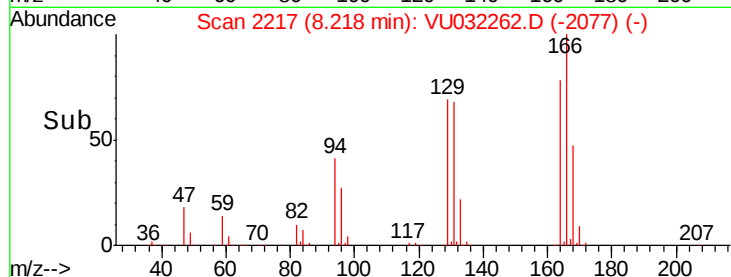
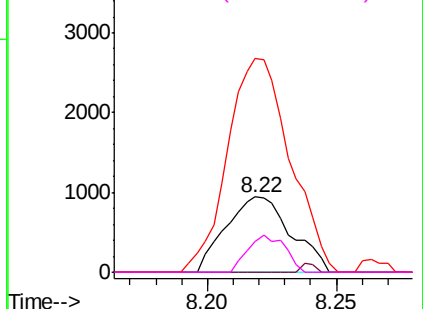


Abundance Ion 96.95 (96.65 to 97.65): VU0

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: 22.047 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032262.D

Acq: 23 May 2019 11:29

Tgt Ion: 164 Resp: 204828

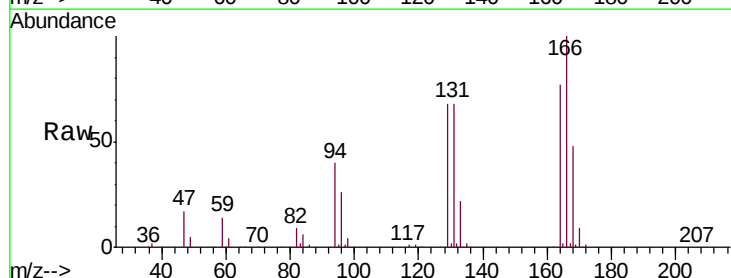
Ion Ratio Lower Upper

164 100

129 88.0 67.1 124.7

131 88.1 62.2 115.4

166 130.2 90.9 168.9

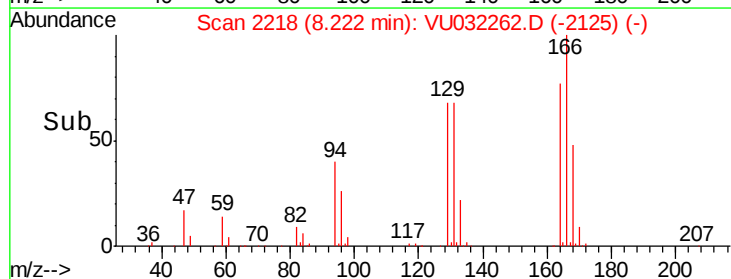
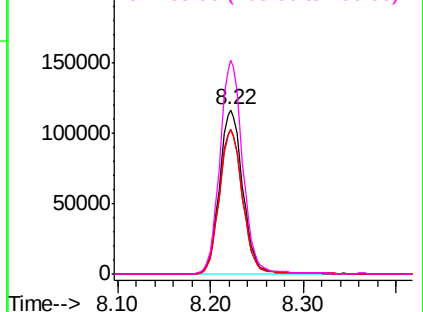


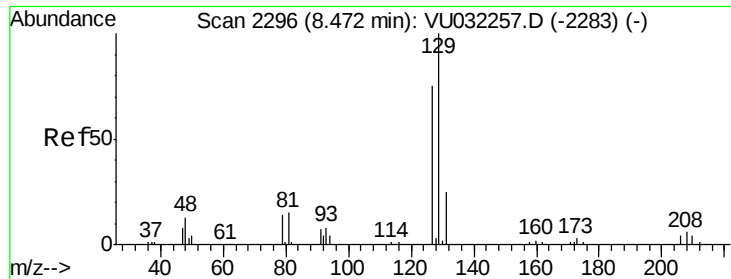
Abundance Ion 163.90 (163.60 to 164.60): V

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





#49

Dibromochloromethane

Concen: 20.103 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032262.D

Acq: 23 May 2019 11:29

Instrument :

MSVOA_U

ClientSampleId :

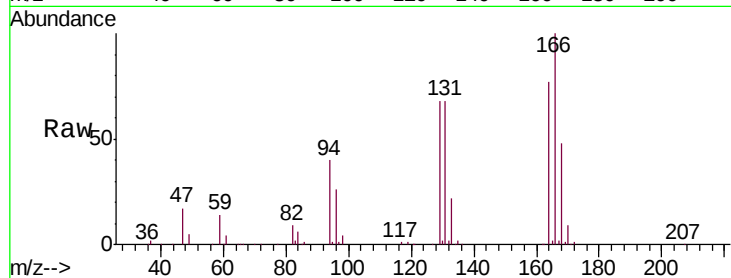
C0BP4

Tgt Ion:129 Resp: 178403

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

100000

80000

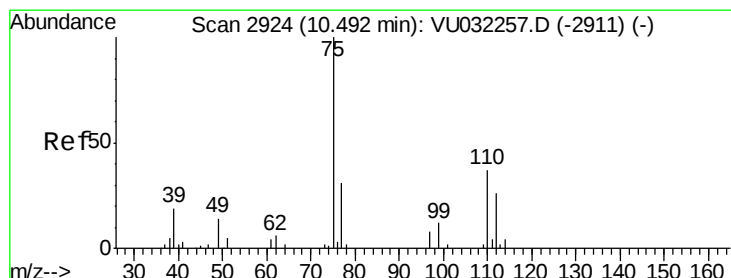
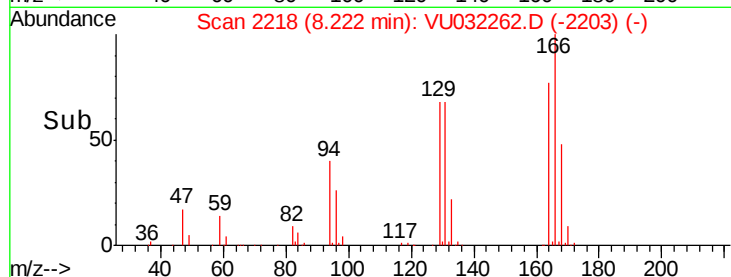
60000

40000

20000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.833 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032262.D

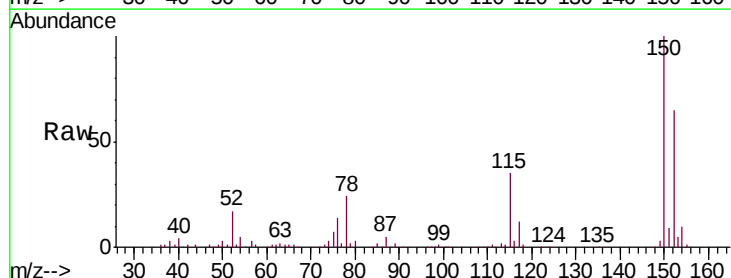
Acq: 23 May 2019 11:29

Tgt Ion: 75 Resp: 12052

Ion Ratio Lower Upper

75 100

77 36.3 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

8000

6000

4000

2000

0

Time-->

