

Data File : VU032563.D
Acq On : 10 Jun 2019 14:05
Operator : JC/SP
Sample : K3277-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B1

Quant Time: Jun 11 04:45:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 04:40:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	200445	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94053	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64955	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.90%
7) Chloroethane-d5	1.68	69	52815	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.08%
11) 1,1-Dichloroethene-d2	2.27	63	96741	37.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.98%
21) 2-Butanone-d5	4.17	46	103304	94.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	4.64	84	119180	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.30	65	78863	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
32) Benzene-d6	5.33	84	248274	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.32	67	78777	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.94%
41) Toluene-d8	7.56	98	235304	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	7.85	79	38014	51.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.80%
47) 2-Hexanone-d5	8.31	63	69007	92.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107117	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	93663	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%

Target Compounds

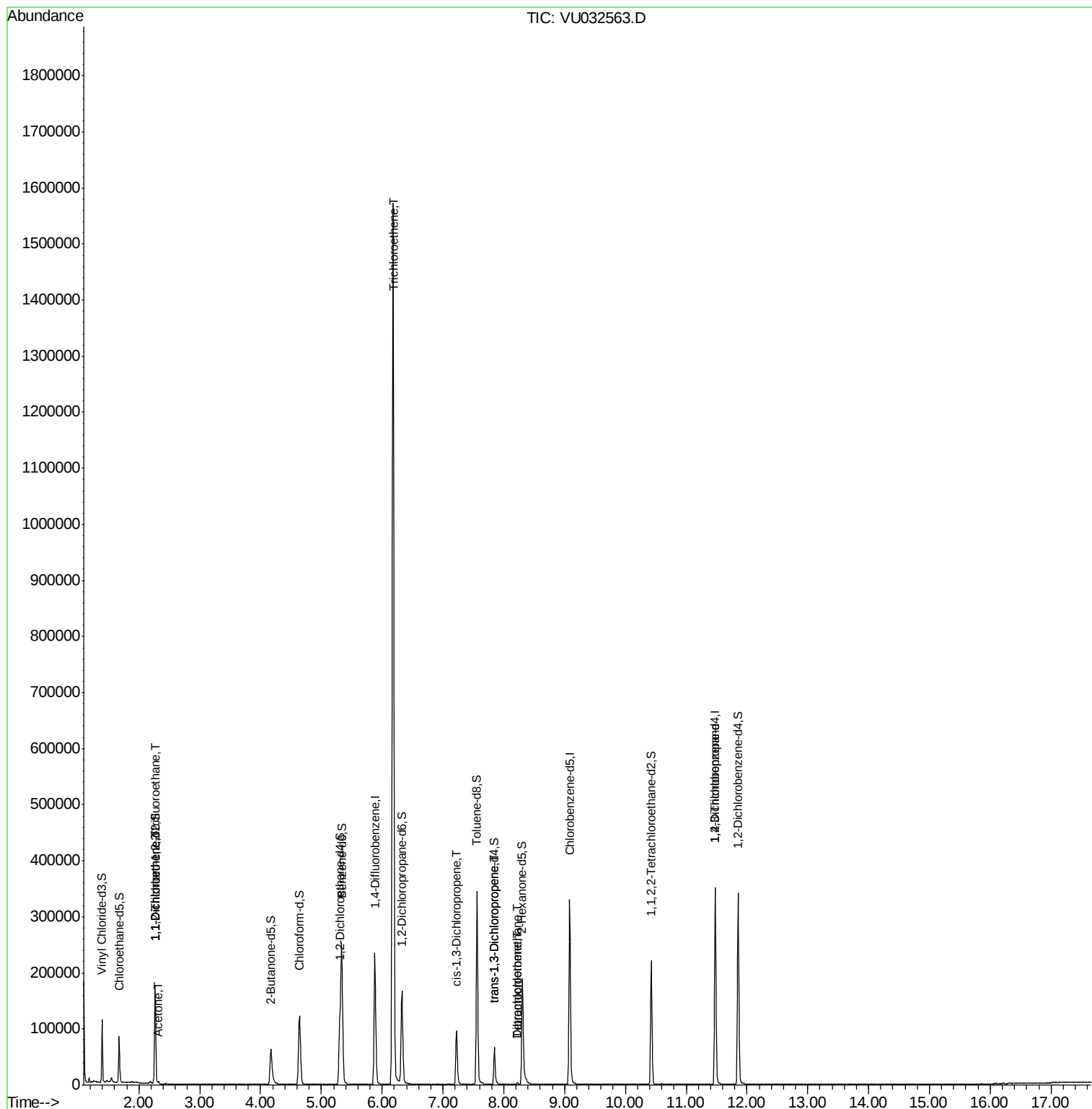
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	838	0.684 ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1008	0.847 ug/L #	1
13) Acetone	2.32	43	3666	3.265 ug/L	94
34) Trichloroethene	6.18	95	520360	362.067 ug/L	99
39) cis-1,3-Dichloropropene	7.22	75	2602	1.178 ug/L #	64
44) trans-1,3-Dichloropropene	7.85	75	1699	0.866 ug/L	86
46) Tetrachloroethene	8.22	164	871	0.734 ug/L	92
49) Dibromochloromethane	8.23	129	808	0.525 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10943	6.011 ug/L	91

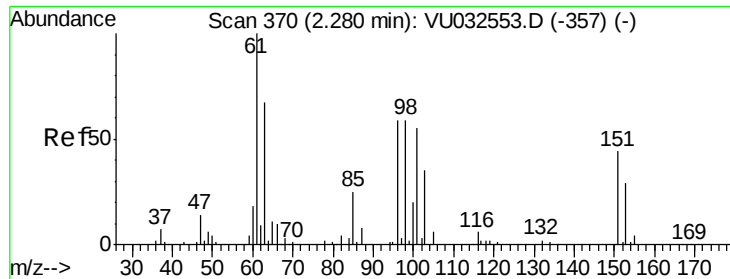
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.684 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032563.D

Acq: 10 Jun 2019 14:05

Instrument :

MSVOA_U

ClientSampleId :

DB8B1

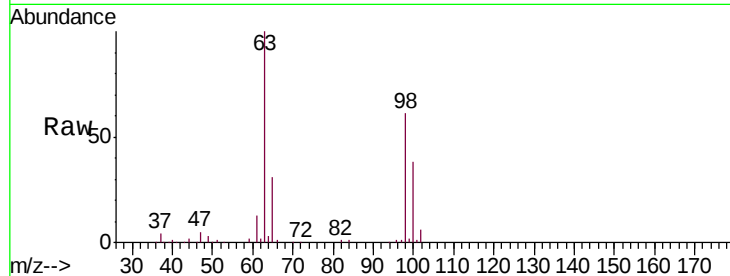
Tgt Ion: 101 Resp: 838

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

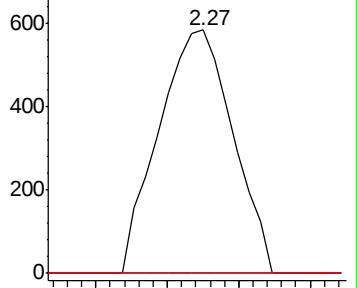
151 0.0 63.0 94.4#



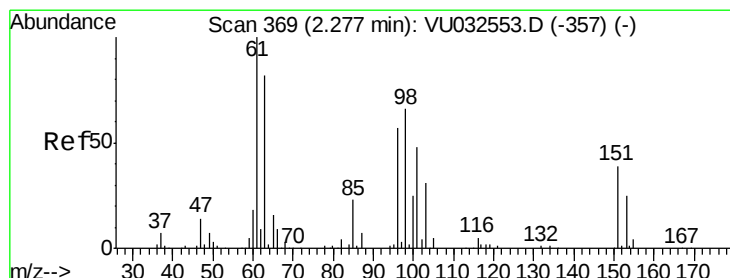
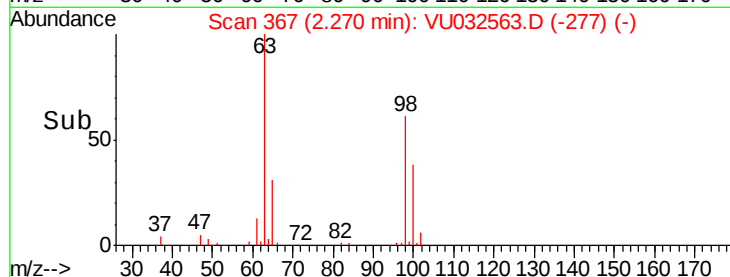
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.847 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032563.D

Acq: 10 Jun 2019 14:05

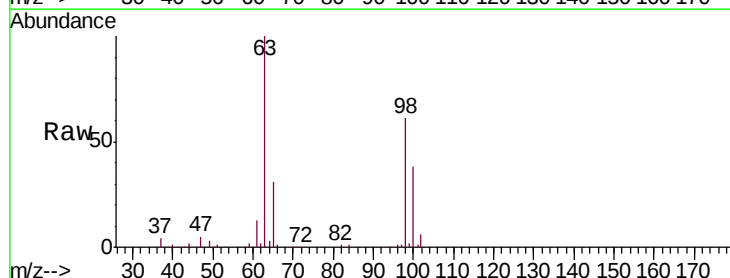
Tgt Ion: 96 Resp: 1008

Ion Ratio Lower Upper

96 100

61 1198.0 129.5 240.5#

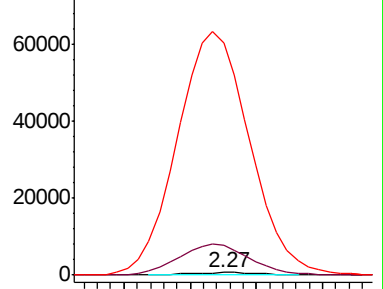
63 9327.2 103.4 192.0#



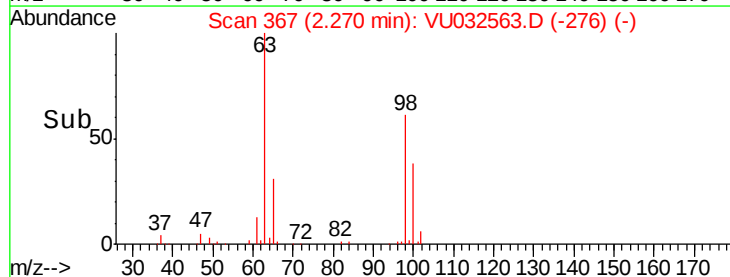
Abundance Ion 96.00 (95.70 to 96.70): VU0

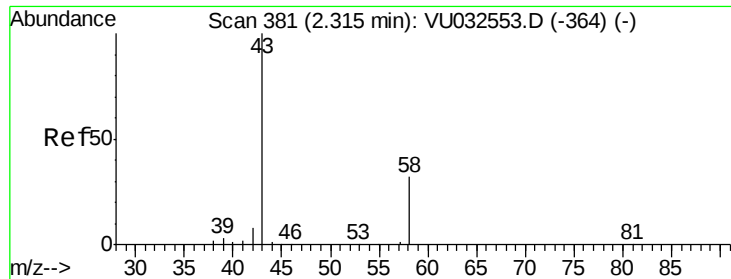
Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->





#13

Acetone

Concen: 3.265 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

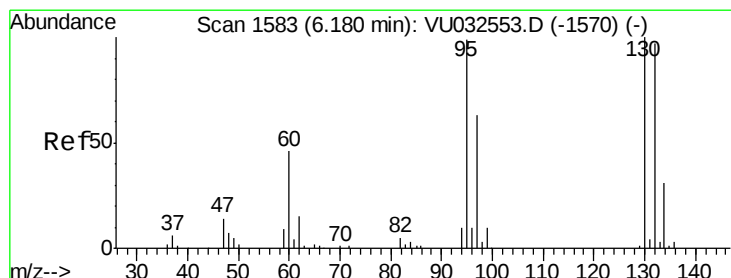
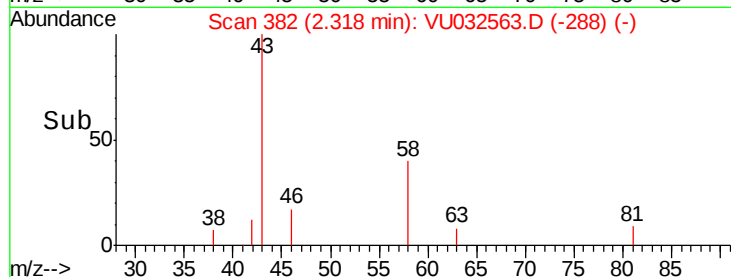
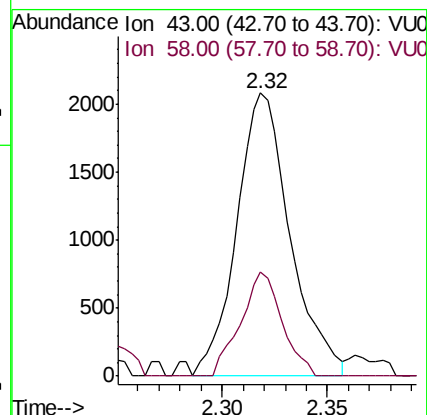
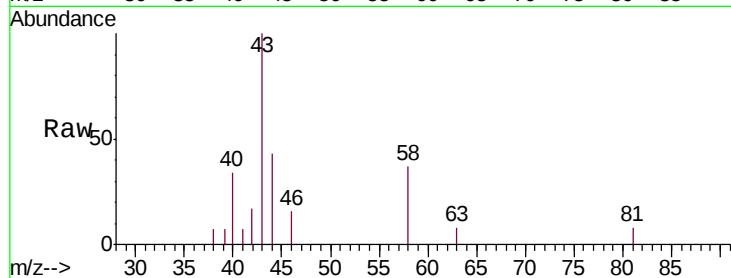
DB8B1

Tgt Ion: 43 Resp: 3666

Ion Ratio Lower Upper

43 100

58 28.6 0.0 64.0



#34

Trichloroethene

Concen: 362.067 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032563.D

Acq: 10 Jun 2019 14:05

Tgt Ion: 95 Resp: 520360

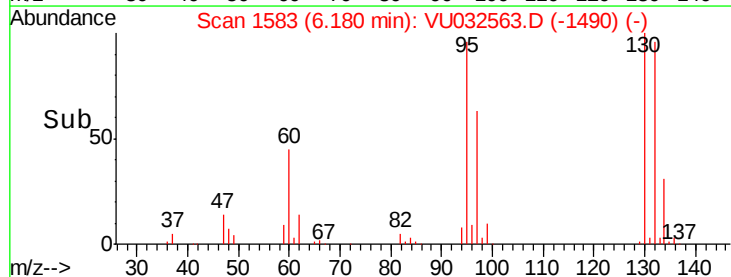
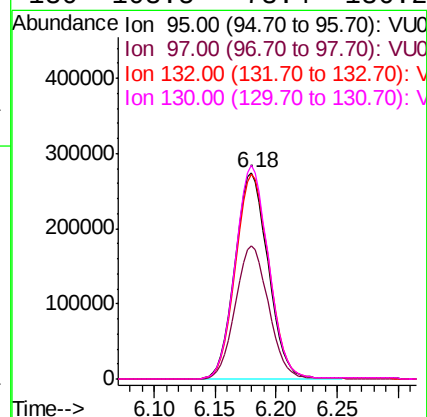
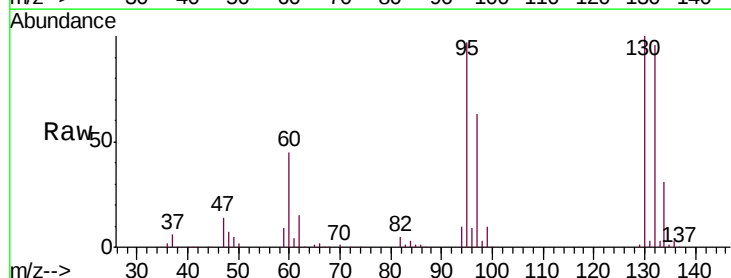
Ion Ratio Lower Upper

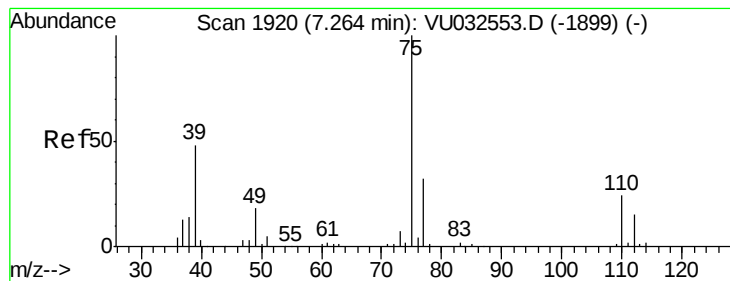
95 100

97 64.7 45.8 85.2

132 99.3 71.0 131.8

130 103.5 73.4 136.2



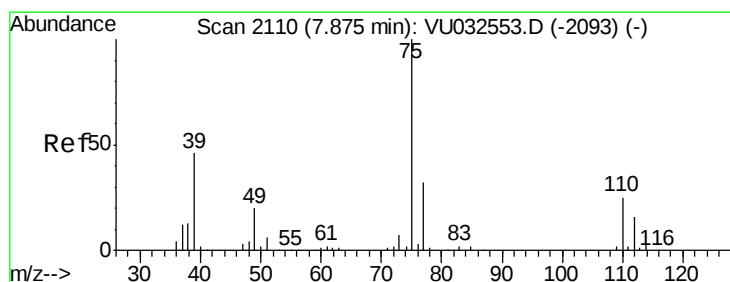
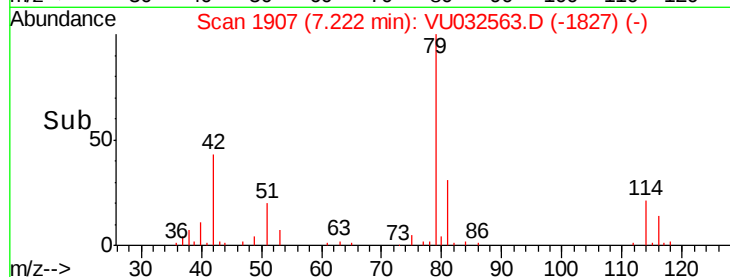
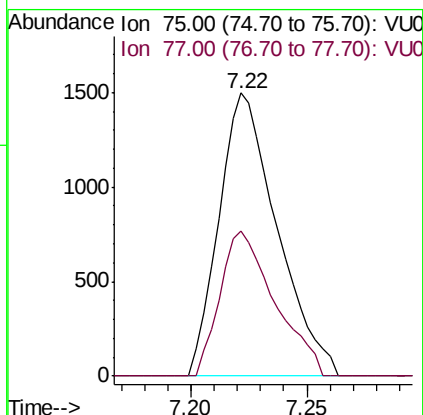
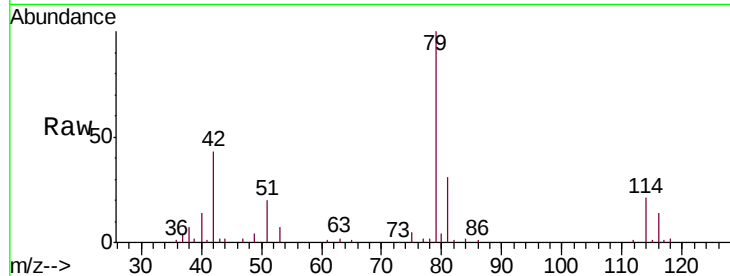


#39

cis-1,3-Dichloropropene
 Concen: 1.178 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032563.D
 Acq: 10 Jun 2019 14:05

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B1

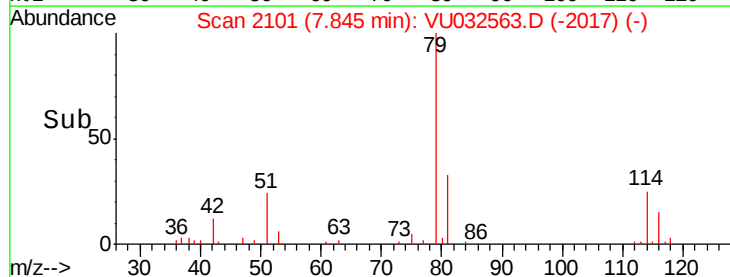
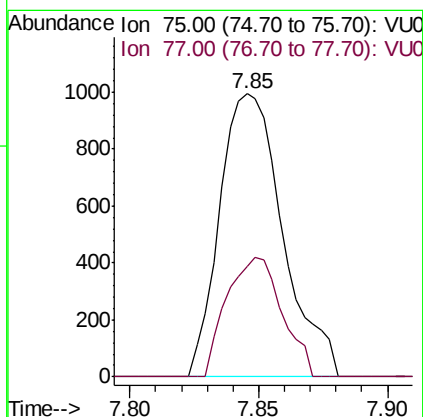
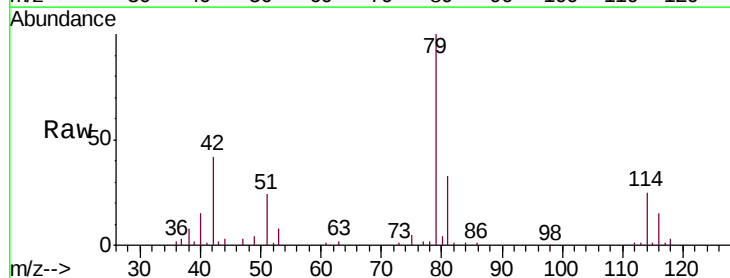
Tgt Ion: 75 Resp: 2602
 Ion Ratio Lower Upper
 75 100
 77 51.2 22.0 41.0#

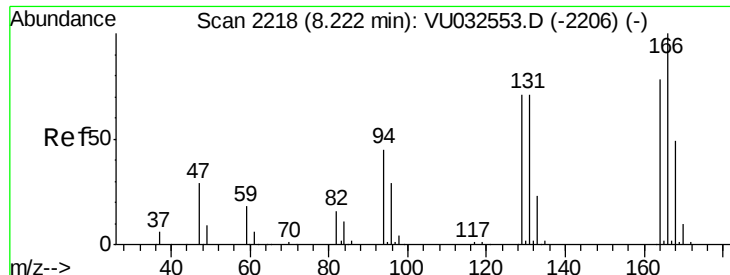


#44

trans-1,3-Dichloropropene
 Concen: 0.866 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032563.D
 Acq: 10 Jun 2019 14:05

Tgt Ion: 75 Resp: 1699
 Ion Ratio Lower Upper
 75 100
 77 39.2 22.1 41.1





#46

Tetrachloroethene

Concen: 0.734 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032563.D

Acq: 10 Jun 2019 14:05

Instrument :

MSVOA_U

ClientSampleId :

DB8B1

Tgt Ion:164 Resp: 871

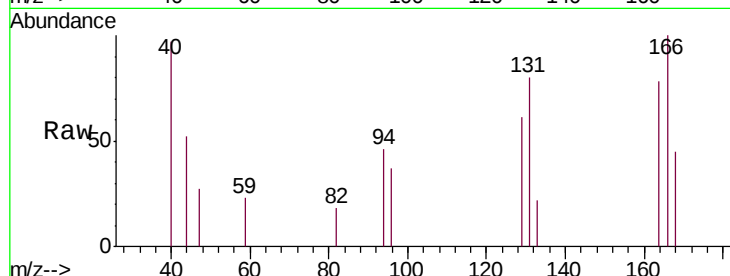
Ion Ratio Lower Upper

164 100

129 78.3 65.3 121.3

131 102.2 64.0 119.0

166 128.0 88.8 165.0

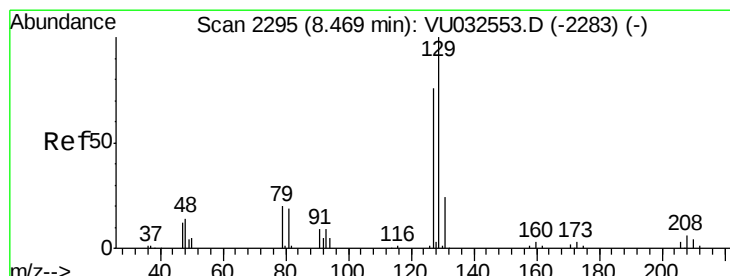
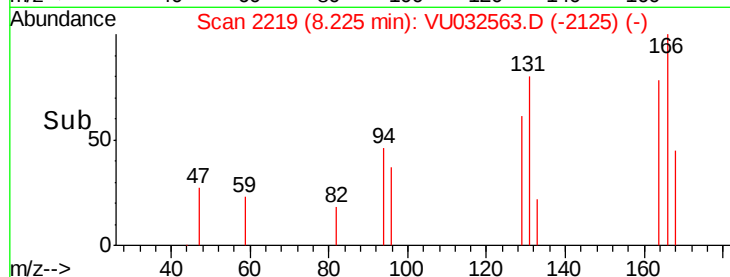
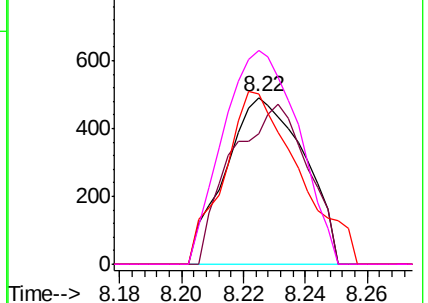


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 0.525 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. -0.24 min

Lab File: VU032563.D

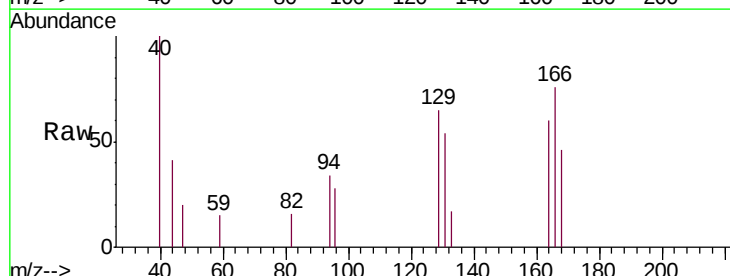
Acq: 10 Jun 2019 14:05

Tgt Ion:129 Resp: 808

Ion Ratio Lower Upper

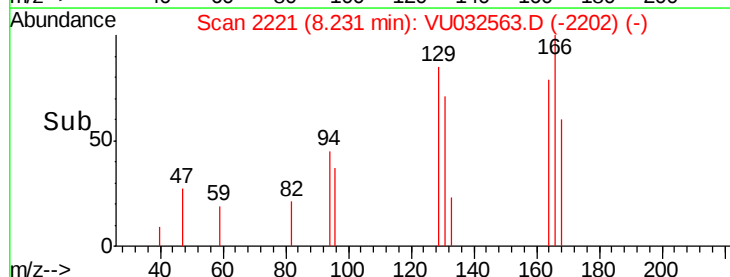
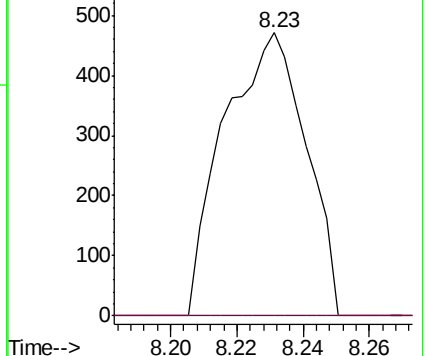
129 100

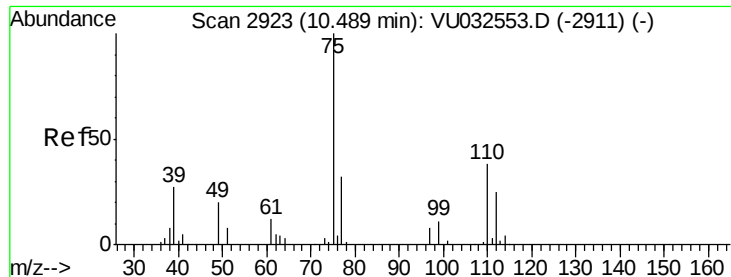
127 0.0 53.6 99.6#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 6.011 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032563.D

Acq: 10 Jun 2019 14:05

Instrument :

MSVOA_U

ClientSampleId :

DB8B1

Tgt Ion: 75 Resp: 10943

Ion Ratio Lower Upper

75 100

77 36.9 25.6 38.4

