

Data File : VU031628.D
Acq On : 30 Apr 2019 12:59
Operator : JC/SP
Sample : K2592-05 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COWZ6

Quant Time: May 01 01:42:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	622107	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	606527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	214190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	311177	59.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.54%
7) Chloroethane-d5	1.68	69	228070	56.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.36%
11) 1,1-Dichloroethene-d2	2.27	63	442763	42.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.40%
21) 2-Butanone-d5	4.19	46	499410	105.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.87%
24) Chloroform-d	4.64	84	493396	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
26) 1,2-Dichloroethane-d4	5.31	65	339016	54.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.84%
32) Benzene-d6	5.34	84	977803	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.32	67	351380	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.24%
41) Toluene-d8	7.56	98	776491	47.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.74%
43) trans-1,3-Dichloropropene-	7.85	79	133505	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.92%
47) 2-Hexanone-d5	8.31	63	264592	93.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	426832	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	225935	50.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.32%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	1.88	101	9189	1.042	ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	3468	0.695	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2784	0.574	ug/L #	1
13) Acetone	2.34	43	5477	1.031	ug/L	91
34) Trichloroethene	6.18	95	515492	95.365	ug/L	93
44) trans-1,3-Dichloropropene	7.85	75	6212	0.819	ug/L #	79
46) Tetrachloroethene	8.23	164	19689	5.343	ug/L	94
48) 2-Hexanone	8.37	43	15735	1.997	ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	31395	4.183	ug/L	92

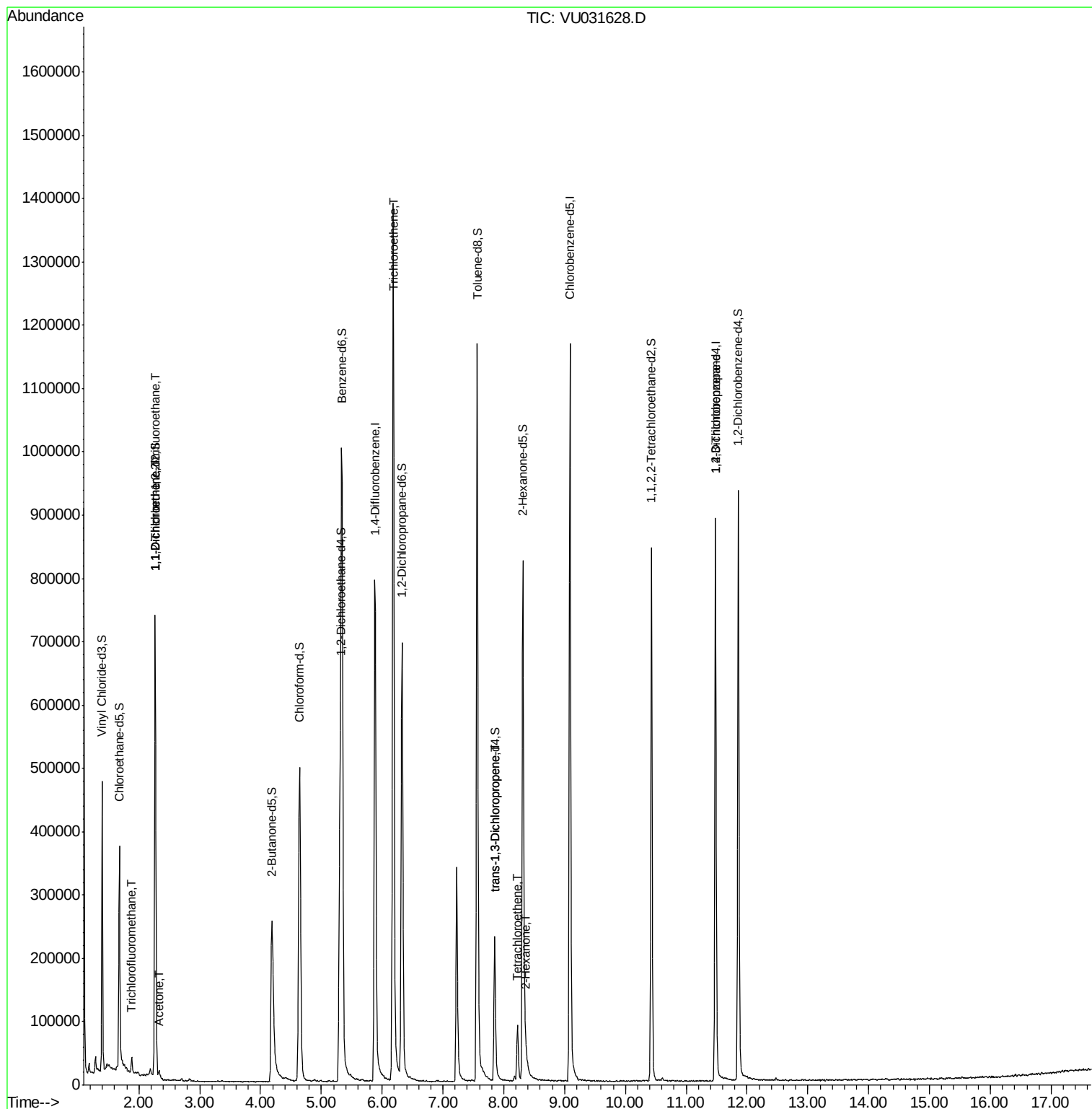
(#) = qualifier out of range (m) = manual integration (+) = signals summed

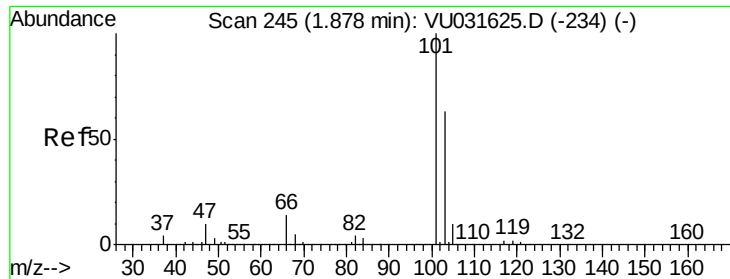
Data File : VU031628.D

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Instrument :
MSVOA_U
ClientSampleId :
C0WZ6

Quant Time: May 01 01:42:10 2019
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Quant Title : VOC Analysis
QLast Update : Wed May 01 01:38:49 2019
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 1.042 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU031628.D

Acq: 30 Apr 2019 12:59

Instrument :

MSVOA_U

ClientSampleId :

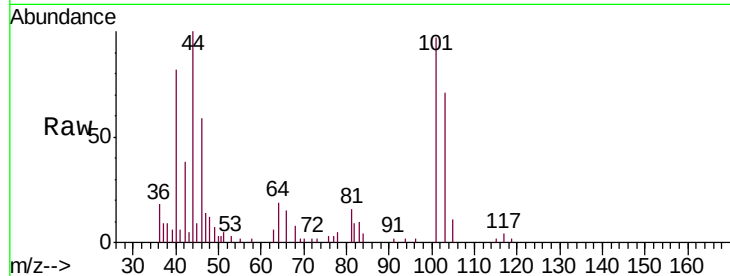
C0WZ6

Tgt Ion:101 Resp: 9189

Ion Ratio Lower Upper

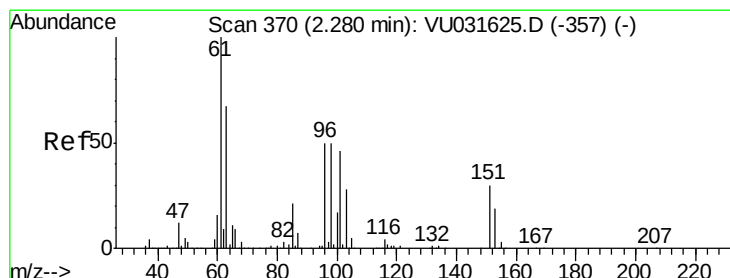
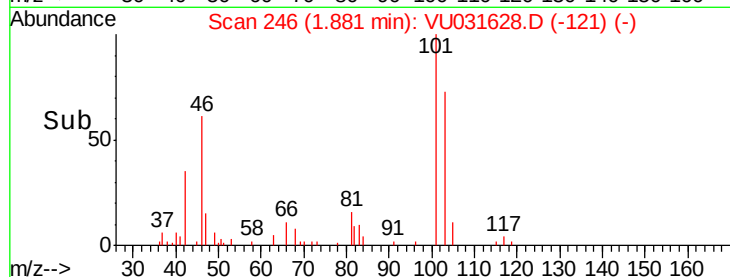
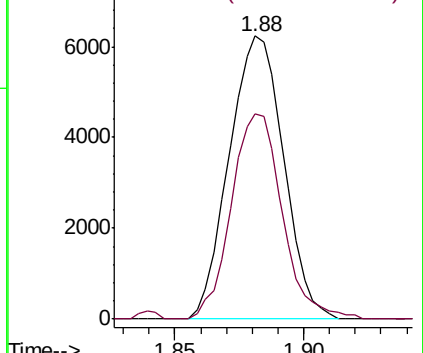
101 100

103 68.1 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.695 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031628.D

Acq: 30 Apr 2019 12:59

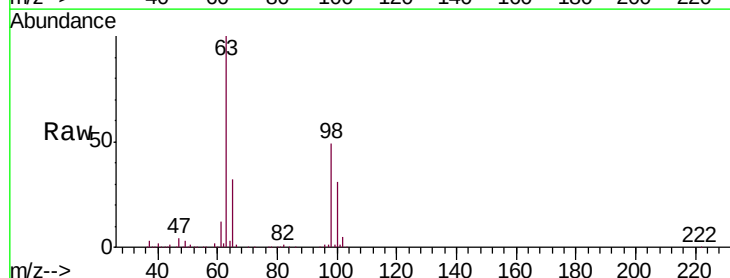
Tgt Ion:101 Resp: 3468

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

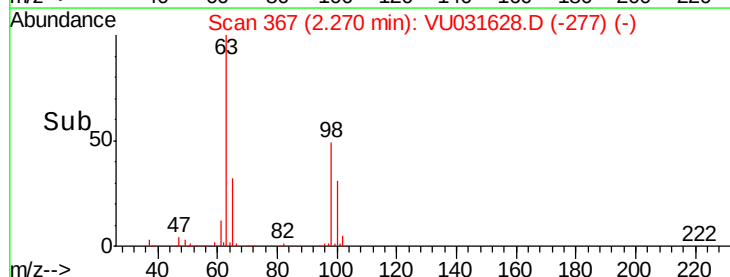
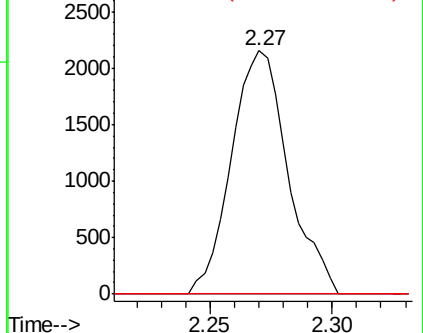
151 0.0 56.1 84.1#

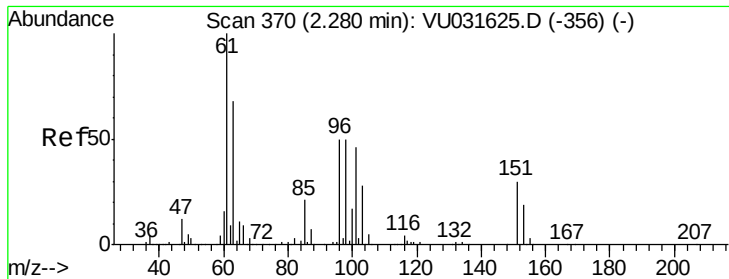


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

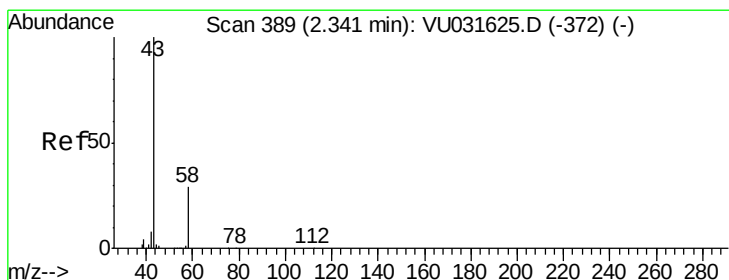
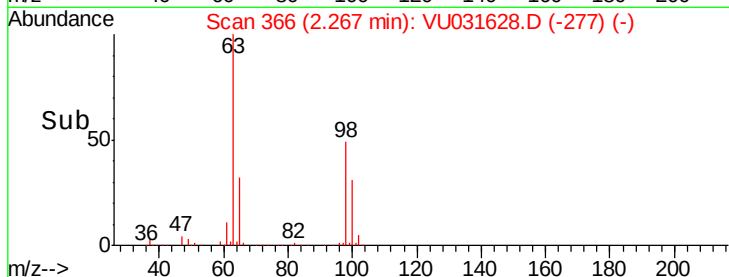
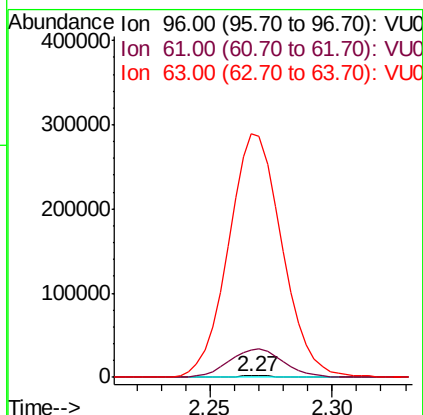
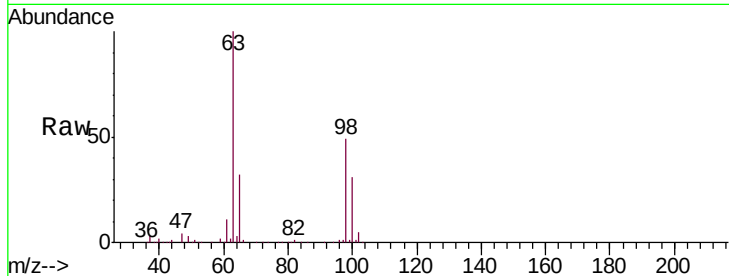




#12
 1,1-Dichloroethene
 Concen: 0.574 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU031628.D
 Acq: 30 Apr 2019 12:59

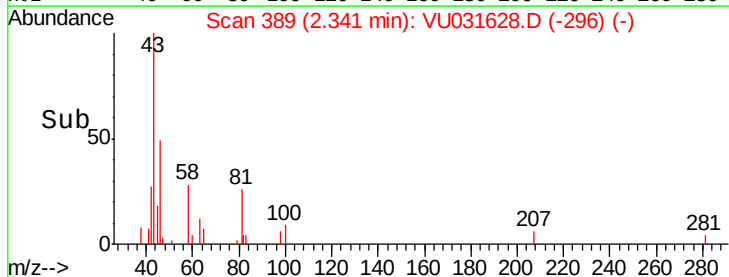
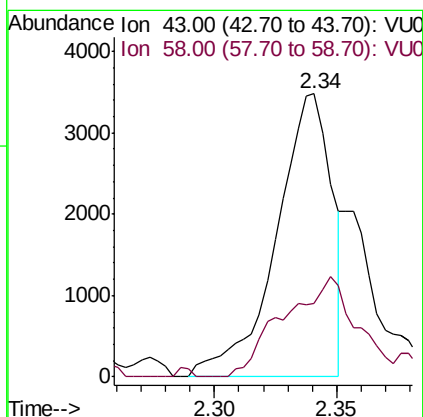
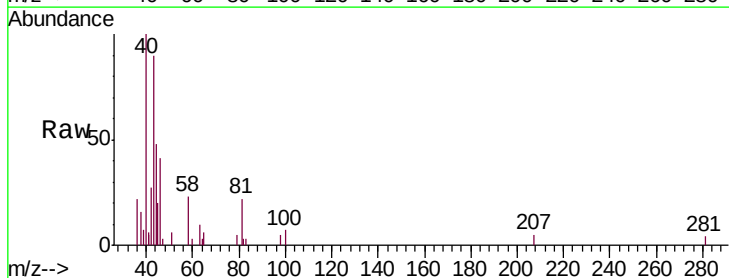
Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ6

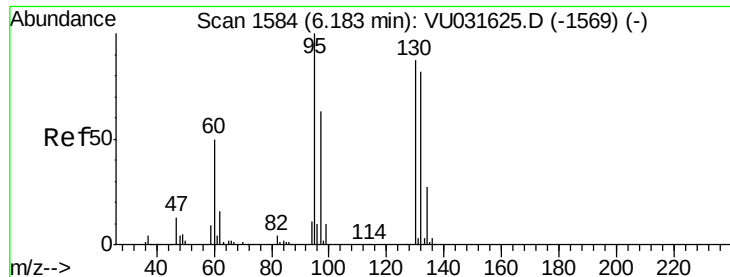
Tgt Ion: 96 Resp: 2784
 Ion Ratio Lower Upper
 96 100
 61 1717.3 135.0 250.6#
 63 15150.1 103.5 192.3#



#13
 Acetone
 Concen: 1.031 ug/L
 RT: 2.34 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VU031628.D
 Acq: 30 Apr 2019 12:59

Tgt Ion: 43 Resp: 5477
 Ion Ratio Lower Upper
 43 100
 58 26.9 0.0 64.4





#34

Trichloroethene

Concen: 95.365 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031628.D

Acq: 30 Apr 2019 12:59

Instrument :

MSVOA_U

ClientSampleId :

C0WZ6

Tgt Ion: 95 Resp: 515492

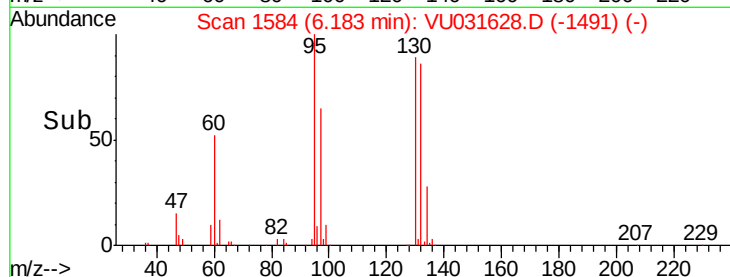
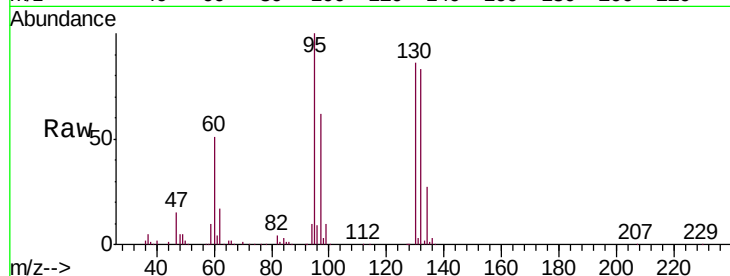
Ion Ratio Lower Upper

95 100

97 62.5 44.8 83.2

132 82.9 63.1 117.1

130 86.2 66.5 123.5

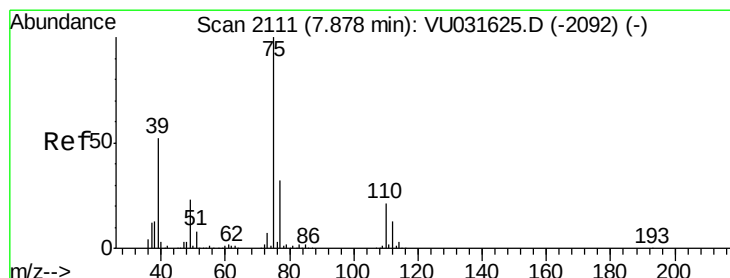
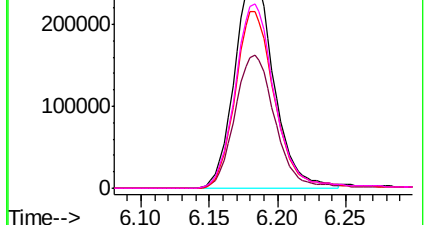


Abundance Ion 95.00 (94.70 to 95.70): VU031628.D (-1491) (-)

Ion 97.00 (96.70 to 97.70): VU031628.D (-1491) (-)

Ion 132.00 (131.70 to 132.70): VU031628.D (-1491) (-)

Ion 130.00 (129.70 to 130.70): VU031628.D (-1491) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.819 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU031628.D

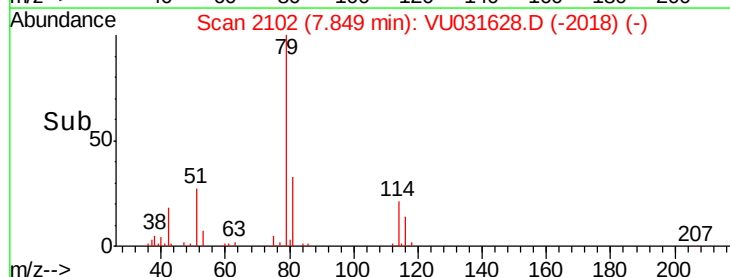
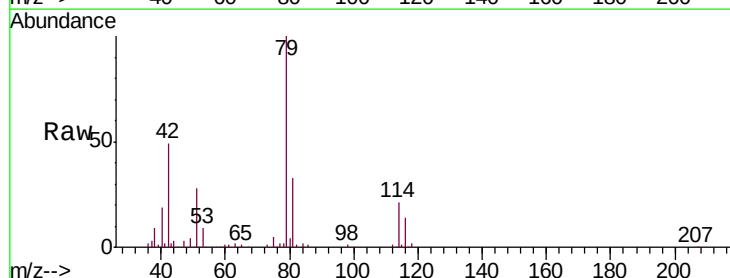
Acq: 30 Apr 2019 12:59

Tgt Ion: 75 Resp: 6212

Ion Ratio Lower Upper

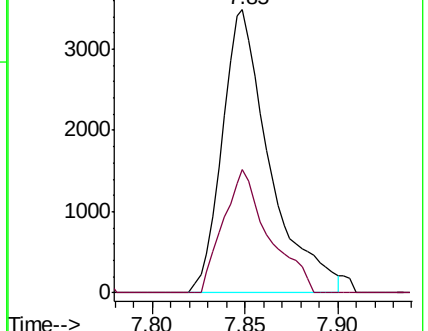
75 100

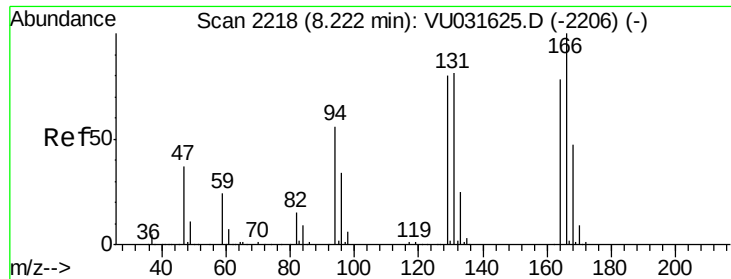
77 43.5 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031628.D (-2018) (-)

Ion 77.00 (76.70 to 77.70): VU031628.D (-2018) (-)

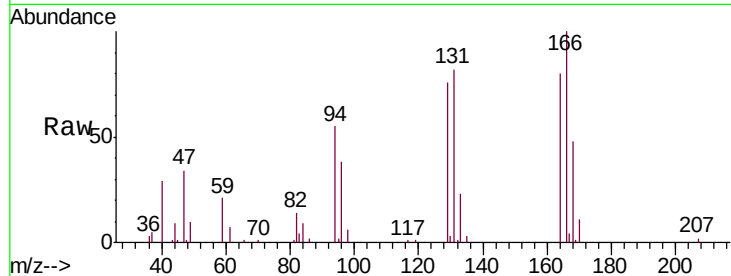




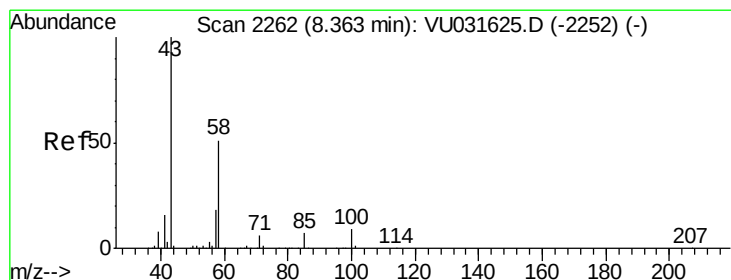
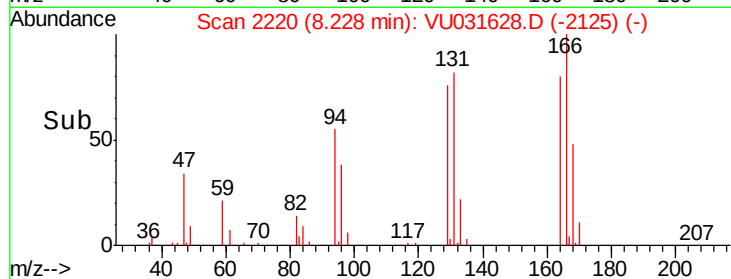
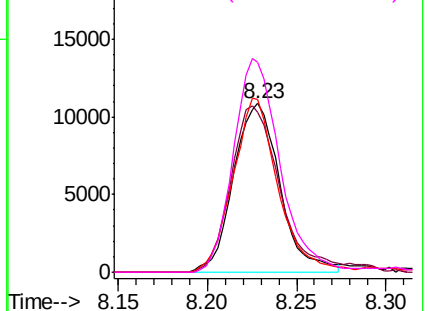
#46
Tetrachloroethene
Concen: 5.343 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031628.D
Acq: 30 Apr 2019 12:59

Instrument :
MSVOA_U
ClientSampleId :
COWZ6

Tgt Ion:164 Resp: 19689
Ion Ratio Lower Upper
164 100
129 94.9 71.5 132.9
131 102.7 69.0 128.2
166 124.8 93.7 173.9

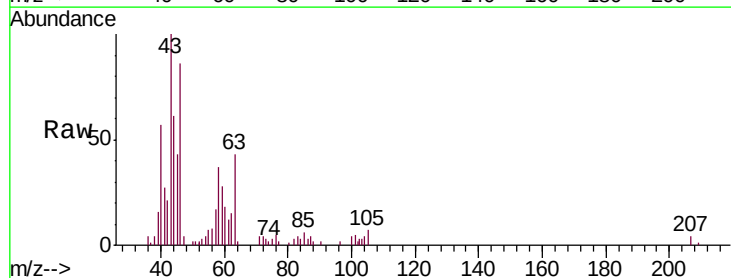


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

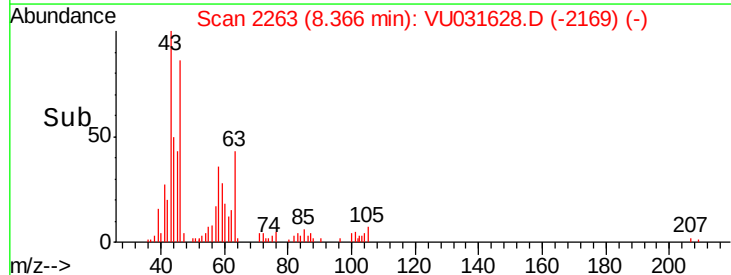
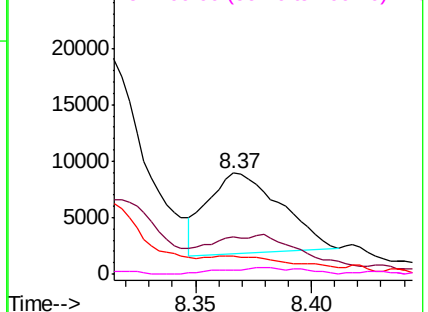


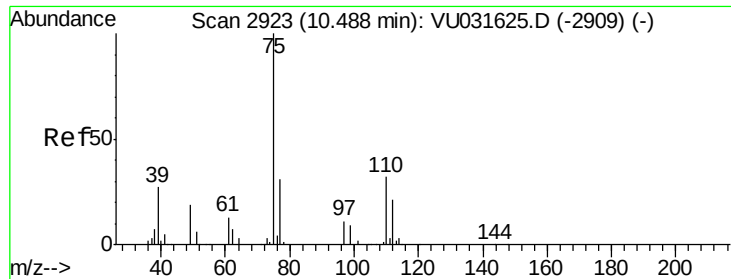
#48
2-Hexanone
Concen: 1.997 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU031628.D
Acq: 30 Apr 2019 12:59

Tgt Ion: 43 Resp: 15735
Ion Ratio Lower Upper
43 100
58 3.2 42.1 63.1#
57 0.0 14.6 22.0#
100 1.9 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 4.183 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031628.D

Acq: 30 Apr 2019 12:59

Instrument :

MSVOA_U

ClientSampleId :

C0WZ6

Tgt Ion: 75 Resp: 31395

Ion Ratio Lower Upper

75 100

77 36.8 25.9 38.9

