

Data File : VU033938.D
Acq On : 23 Aug 2019 13:30
Operator : JC/SP
Sample : K4454-03DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B86DL

Quant Time: Aug 26 06:57:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 26 06:54:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	504230	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	523526	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	208998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	185517	41.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.90%
7) Chloroethane-d5	1.67	69	165201	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.25	63	279556	35.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.10%
21) 2-Butanone-d5	4.15	46	291537	97.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.98%
24) Chloroform-d	4.62	84	339307	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.28	65	247272	53.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.30%
32) Benzene-d6	5.31	84	717647	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.50%
36) 1,2-Dichloropropane-d6	6.31	67	244152	50.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.18%
41) Toluene-d8	7.55	98	609410	45.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.70%
43) trans-1,3-Dichloropropene-	7.83	79	103467	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.92%
47) 2-Hexanone-d5	8.29	63	184456	91.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	334399	48.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.32%
64) 1,2-Dichlorobenzene-d4	11.84	152	221926	52.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.08%

Target Compounds

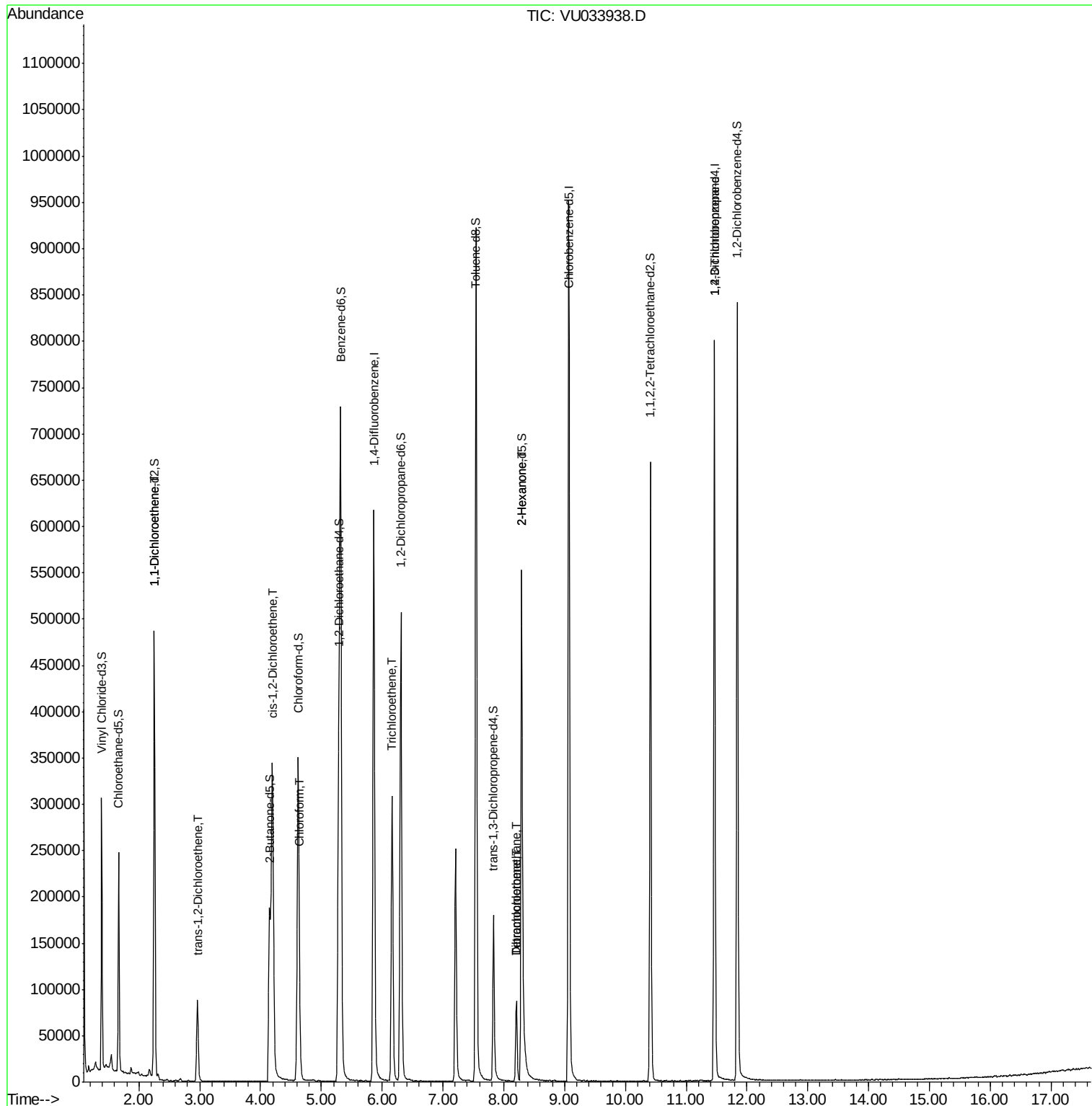
					Qvalue
12) 1,1-Dichloroethene	2.26	96	3021	0.888 ug/L #	1
17) trans-1,2-Dichloroethene	2.96	96	34573	9.465 ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	177934	44.255 ug/L	99
25) Chloroform	4.65	83	15853	2.199 ug/L	99
34) Trichloroethene	6.16	95	105228	25.618 ug/L	99
46) Tetrachloroethene	8.21	164	19736	6.183 ug/L	99
48) 2-Hexanone	8.30	43	25170	5.226 ug/L #	77
49) Dibromochloromethane	8.21	129	18561	4.211 ug/L #	10
59) 1,2,3-Trichloropropane	11.47	75	26259	4.744 ug/L	94

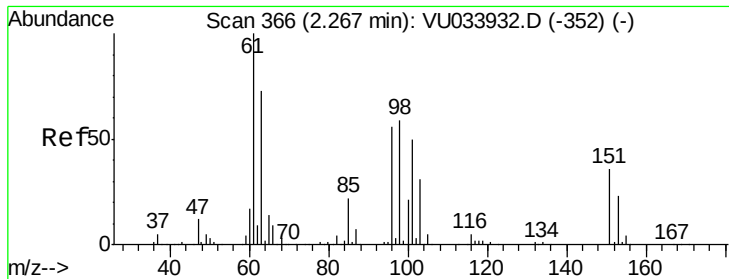
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033938.D
Acq On : 23 Aug 2019 13:30
Operator : JC/SP
Sample : K4454-03DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B86DL

Quant Time: Aug 26 06:57:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082219WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 26 06:54:44 2019
Response via : Initial Calibration

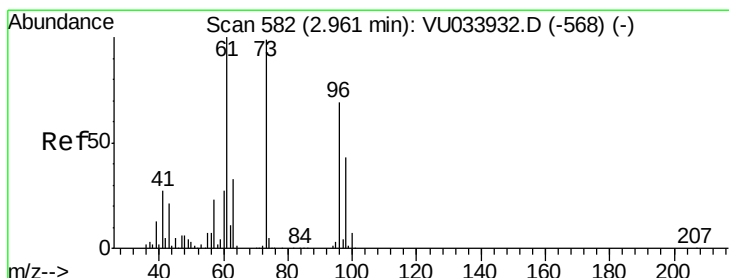
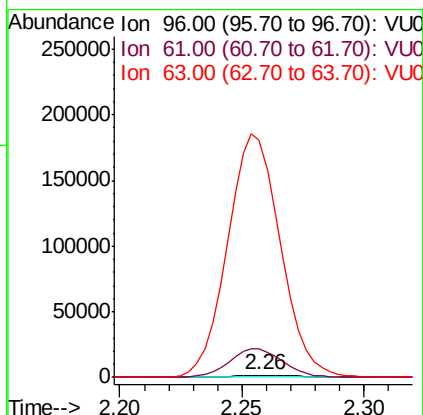
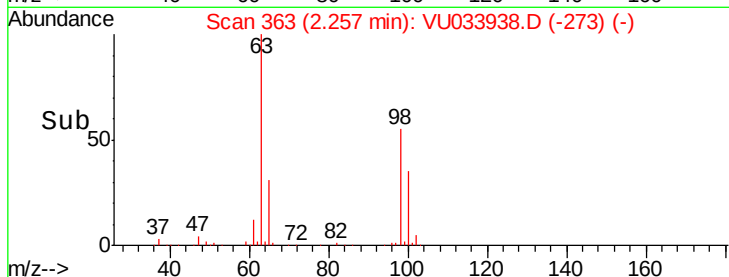
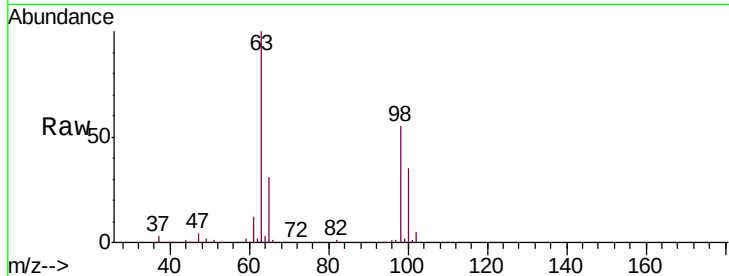




#12
 1,1-Dichloroethene
 Concen: 0.888 ug/L
 RT: 2.26 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VU033938.D
 Acq: 23 Aug 2019 13:30

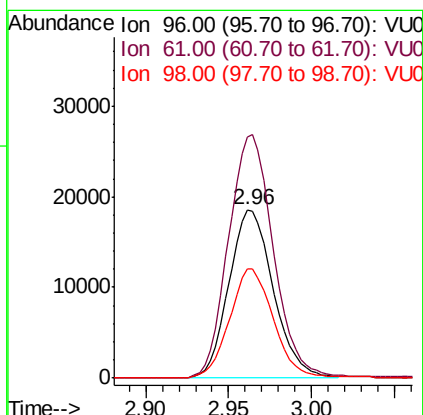
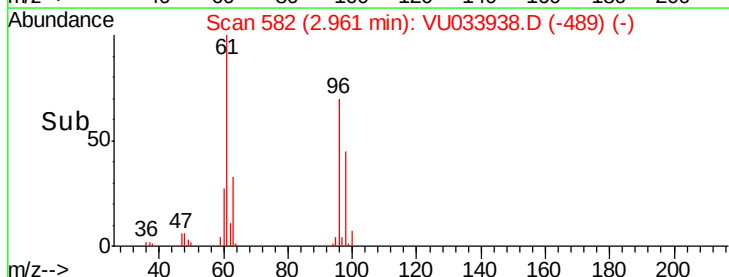
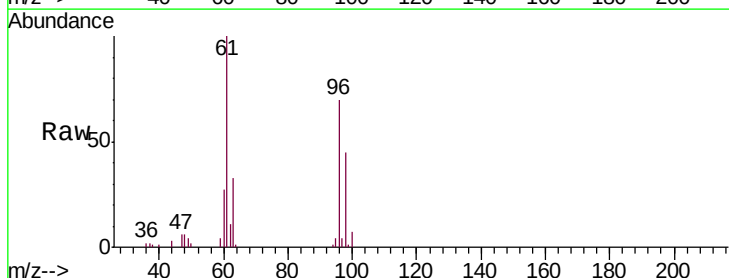
Instrument :
 MSVOA_U
 ClientSampleId :
 F2B86DL

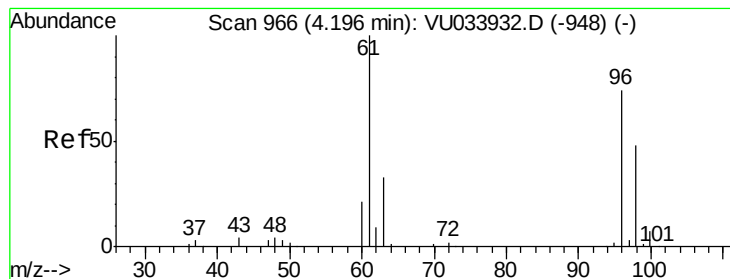
Tgt Ion: 96 Resp: 3021
 Ion Ratio Lower Upper
 96 100
 61 1271.7 124.7 231.5#
 63 10661.6 97.9 181.9#



#17
 trans-1,2-Dichloroethene
 Concen: 9.465 ug/L
 RT: 2.96 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VU033938.D
 Acq: 23 Aug 2019 13:30

Tgt Ion: 96 Resp: 34573
 Ion Ratio Lower Upper
 96 100
 61 143.0 101.2 187.8
 98 65.0 44.0 81.6





#20

cis-1,2-Dichloroethene

Concen: 44.255 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033938.D

Acq: 23 Aug 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

F2B86DL

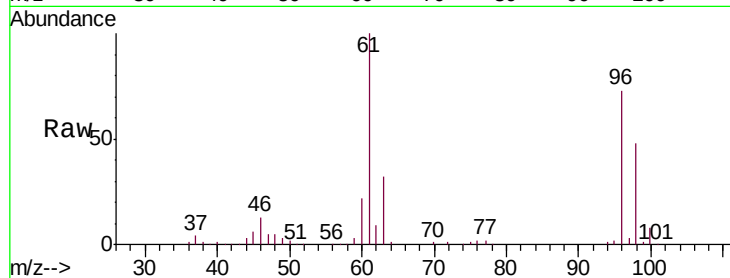
Tgt Ion: 96 Resp: 177934

Ion Ratio Lower Upper

96 100

61 137.8 95.5 177.4

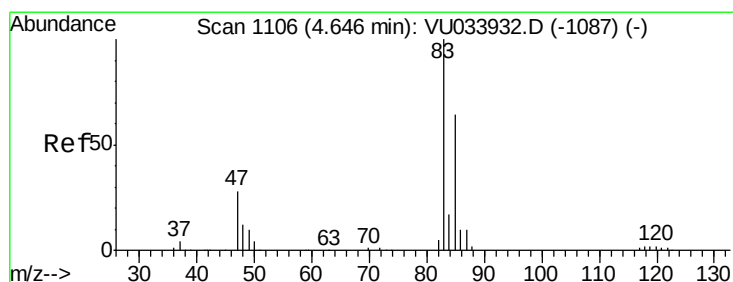
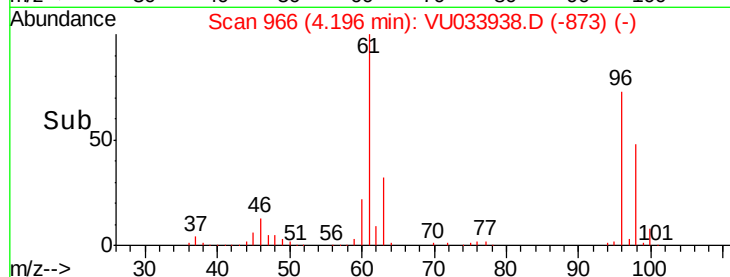
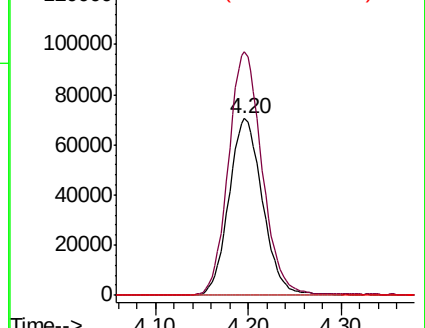
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033938.D (-948) (-)

Ion 61.00 (60.70 to 61.70): VU033938.D (-948) (-)

Ion 68.00 (67.70 to 68.70): VU033938.D (-948) (-)



#25

Chloroform

Concen: 2.199 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU033938.D

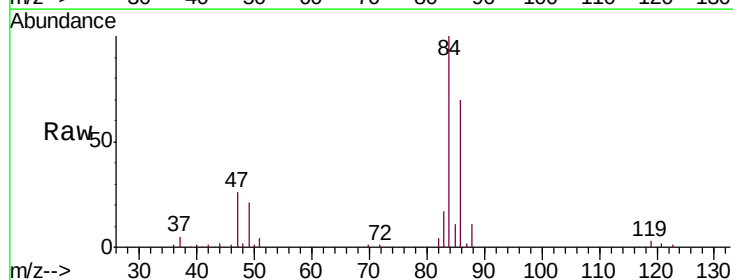
Acq: 23 Aug 2019 13:30

Tgt Ion: 83 Resp: 15853

Ion Ratio Lower Upper

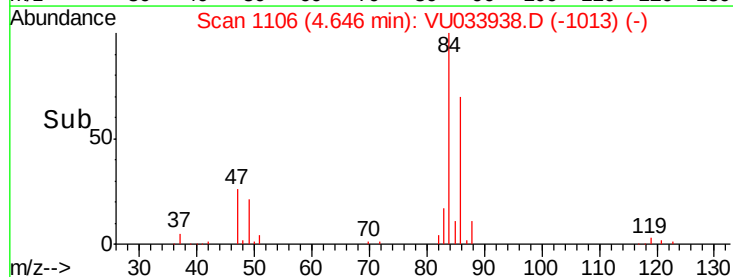
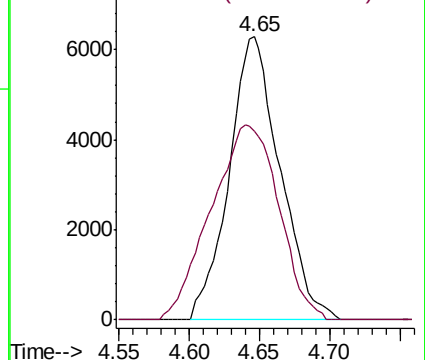
83 100

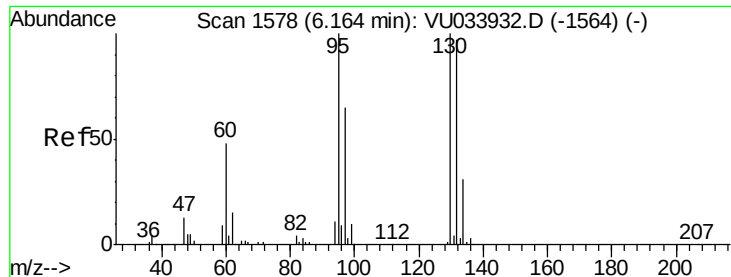
85 66.5 46.2 85.8



Abundance Ion 83.00 (82.70 to 83.70): VU033938.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU033938.D (-1087) (-)





#34

Trichloroethene

Concen: 25.618 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VU033938.D

Acq: 23 Aug 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

F2B86DL

Tgt Ion: 95 Resp: 105228

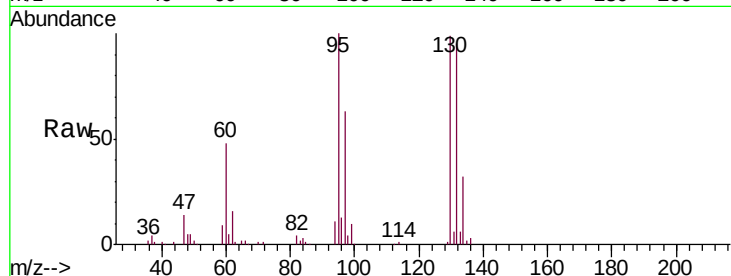
Ion Ratio Lower Upper

95 100

97 62.9 44.7 82.9

132 94.7 65.7 122.1

130 99.5 70.0 130.0



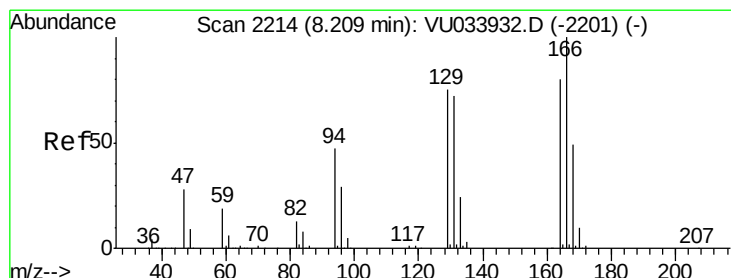
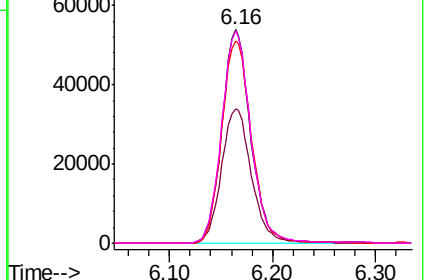
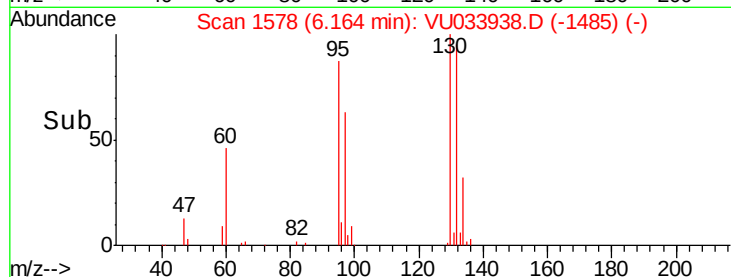
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 6.183 ug/L

RT: 8.21 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VU033938.D

Acq: 23 Aug 2019 13:30

Tgt Ion: 164 Resp: 19736

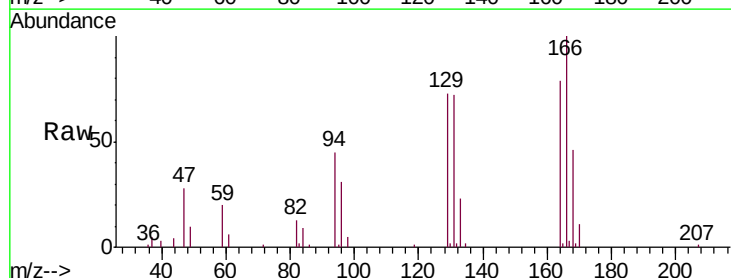
Ion Ratio Lower Upper

164 100

129 91.3 63.9 118.7

131 90.5 62.5 116.1

166 125.9 87.3 162.1



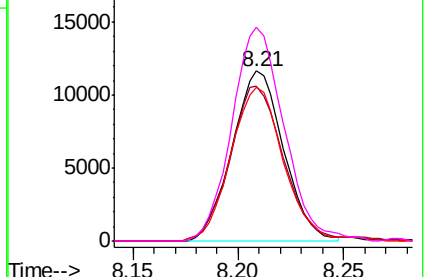
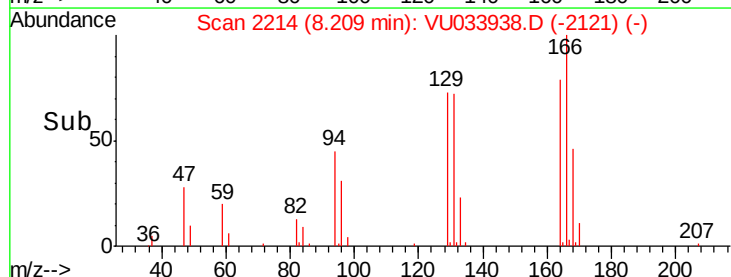
Abundance

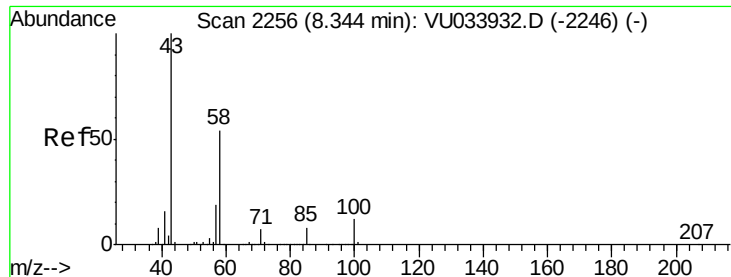
Ion 164.00 (163.70 to 164.70): V

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

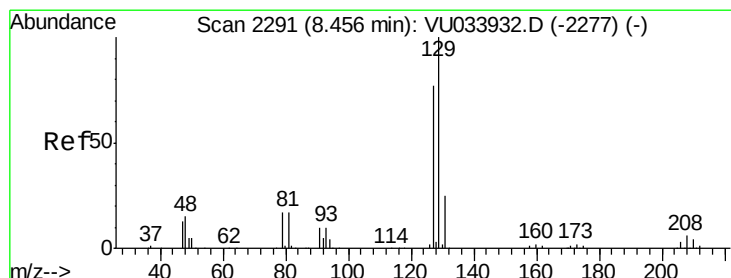
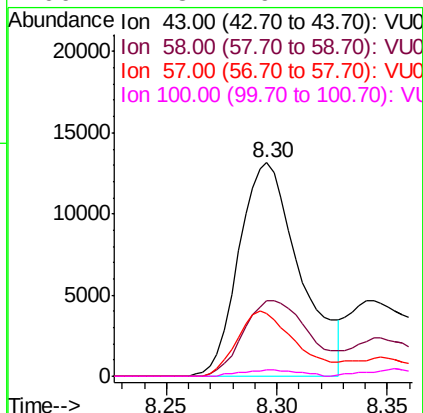
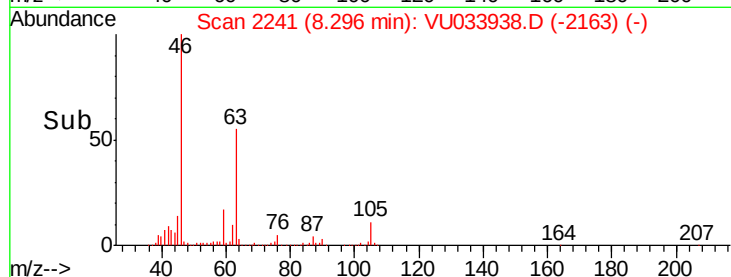
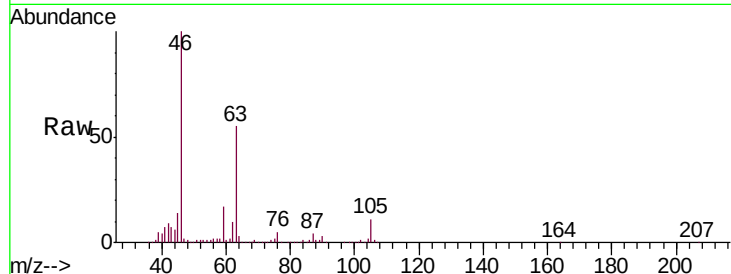




#48
2-Hexanone
Concen: 5.226 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033938.D
Acq: 23 Aug 2019 13:30

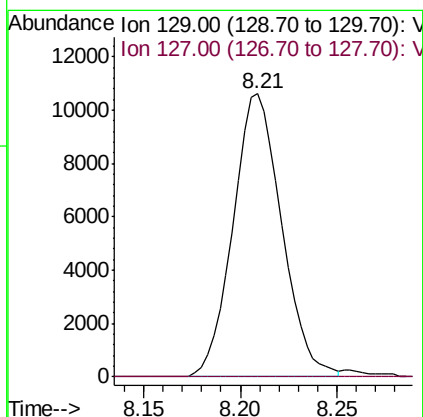
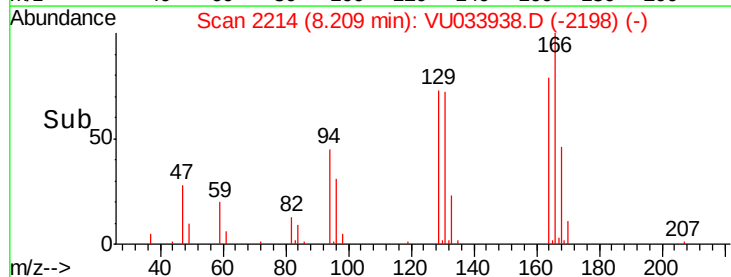
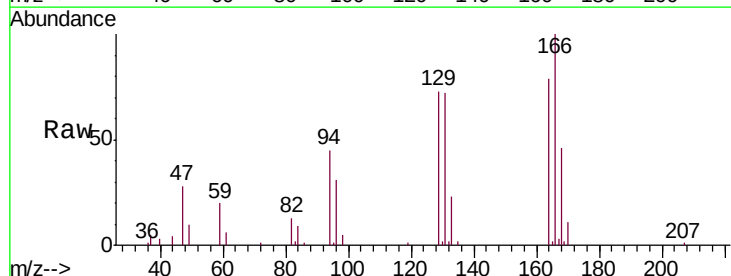
Instrument :
MSVOA_U
ClientSampled :
F2B86DL

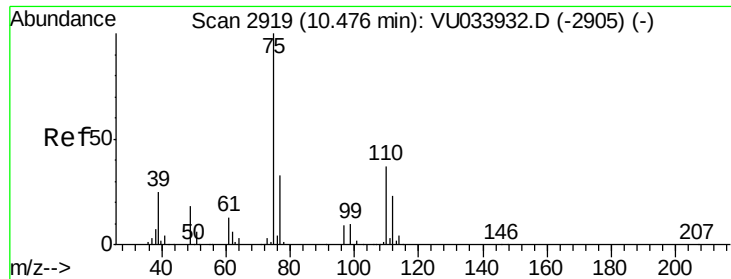
Tgt Ion: 43 Resp: 25170
Ion Ratio Lower Upper
43 100
58 38.5 44.3 66.5#
57 29.7 15.3 22.9#
100 2.8 9.4 14.2#



#49
Dibromochloromethane
Concen: 4.211 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU033938.D
Acq: 23 Aug 2019 13:30

Tgt Ion: 129 Resp: 18561
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#





#59

1,2,3-Trichloropropane

Concen: 4.744 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033938.D

Acq: 23 Aug 2019 13:30

Instrument :

MSVOA_U

ClientSampleId :

F2B86DL

Tgt Ion: 75 Resp: 26259

Ion Ratio Lower Upper

75 100

77 35.6 25.8 38.8

