

Data File : VU031922.D
Acq On : 11 May 2019 11:41
Operator : JC/SP
Sample : K2705-15DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B53DL

Quant Time: May 13 01:57:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1021554	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1028266	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	379710	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	340767	39.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.72%
7) Chloroethane-d5	1.94	69	252	0.04	ug/L	0.27
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.08%#
11) 1,1-Dichloroethene-d2	2.27	63	490250	28.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.58%#
21) 2-Butanone-d5	4.17	46	679811	87.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.76%
24) Chloroform-d	4.64	84	679222	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.76%
26) 1,2-Dichloroethane-d4	5.30	65	450140	44.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.00%
32) Benzene-d6	5.34	84	1361152	43.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.22%
36) 1,2-Dichloropropane-d6	6.32	67	477444	42.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.96%
41) Toluene-d8	7.56	98	1133607	41.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.44%
43) trans-1,3-Dichloropropene-	7.85	79	190898	40.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.06%
47) 2-Hexanone-d5	8.31	63	436732	90.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.83%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	694141	46.56	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.12%
64) 1,2-Dichlorobenzene-d4	11.85	152	397774	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

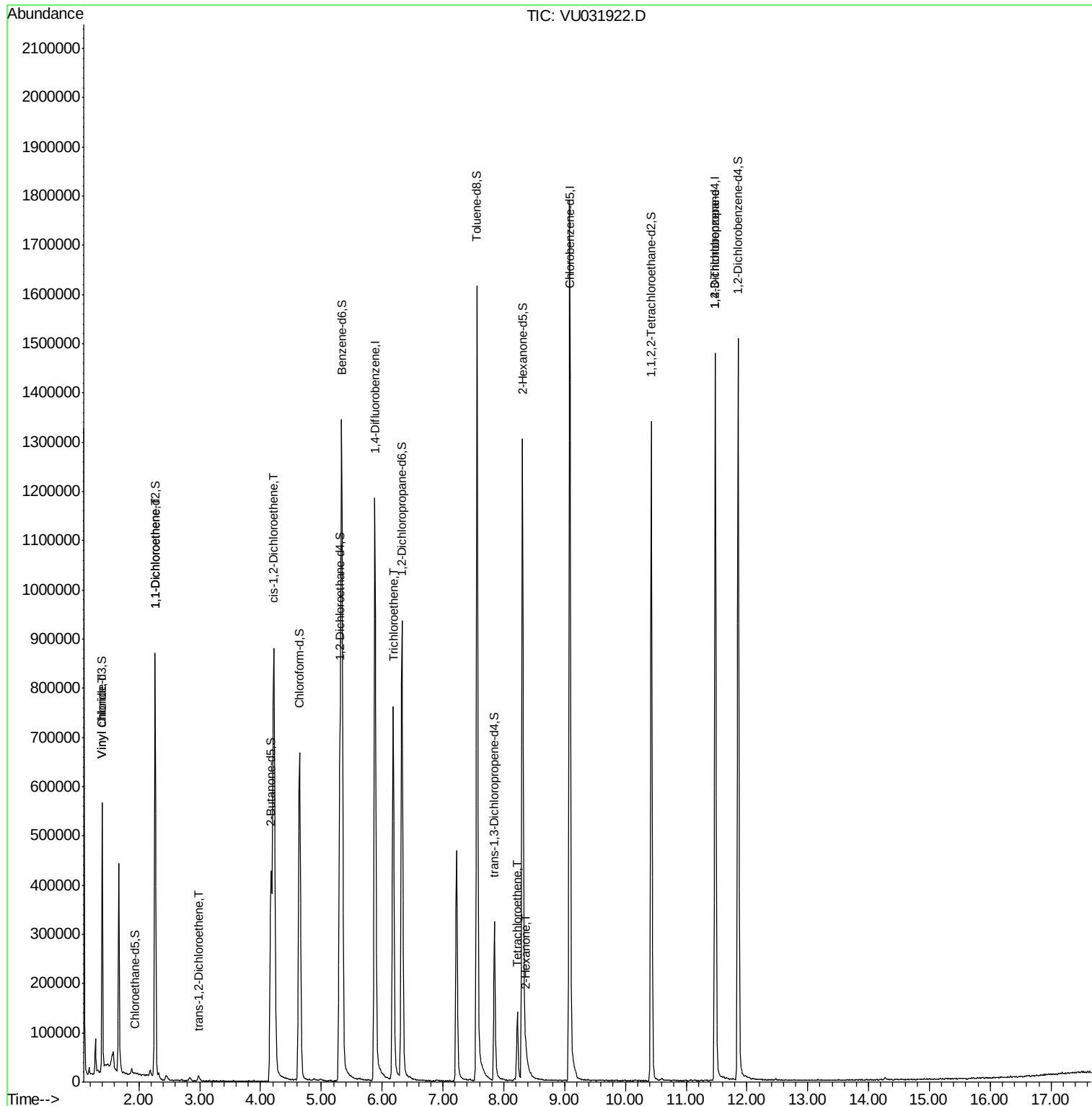
						Qvalue
5) Vinyl chloride	1.40	62	17606	1.386	ug/L #	1
12) 1,1-Dichloroethene	2.28	96	8979	1.127	ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	3841	0.462	ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	477645	53.616	ug/L	94
34) Trichloroethene	6.18	95	283244	30.908	ug/L	96
46) Tetrachloroethene	8.22	164	31932	5.111	ug/L	88
48) 2-Hexanone	8.36	43	14798	1.108	ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	51317	4.033	ug/L	93

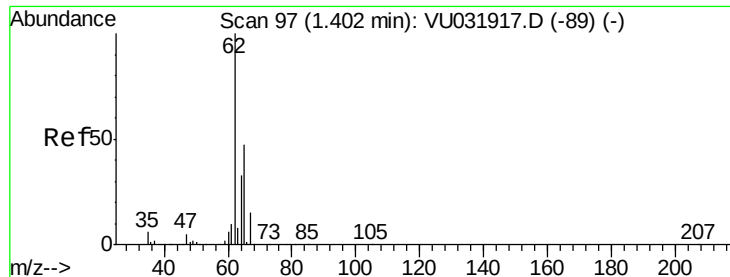
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031922.D
Acq On : 11 May 2019 11:41
Operator : JC/SP
Sample : K2705-15DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B53DL

Quant Time: May 13 01:57:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 13 01:54:07 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.386 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031922.D

Acq: 11 May 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

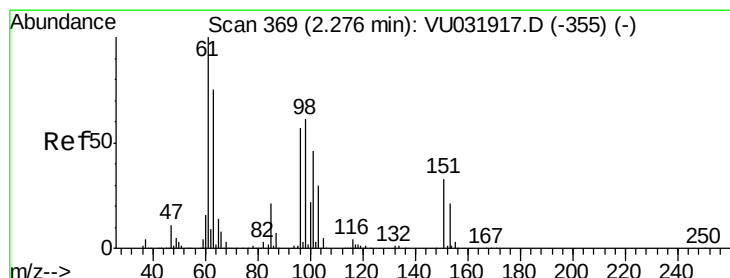
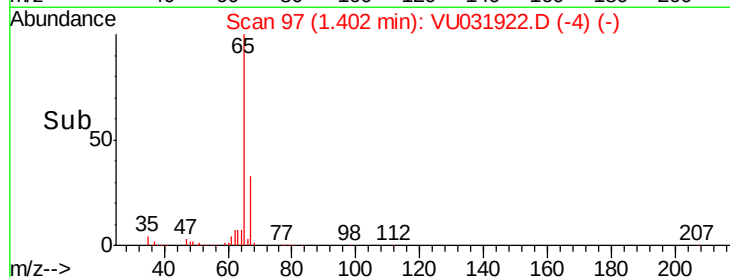
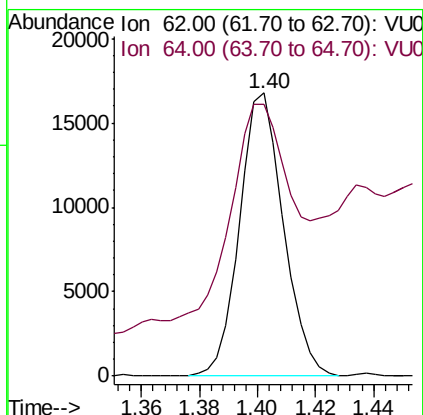
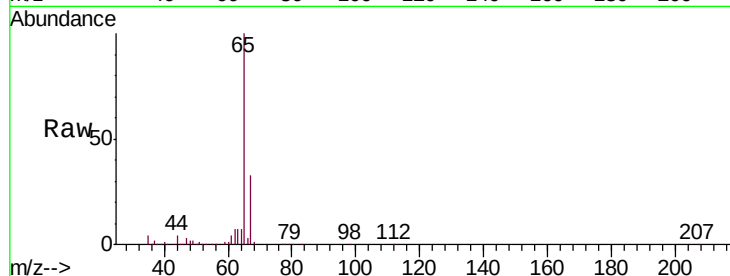
C0B53DL

Tgt Ion: 62 Resp: 17606

Ion Ratio Lower Upper

62 100

64 95.9 23.1 42.9#



#12

1,1-Dichloroethene

Concen: 1.127 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU031922.D

Acq: 11 May 2019 11:41

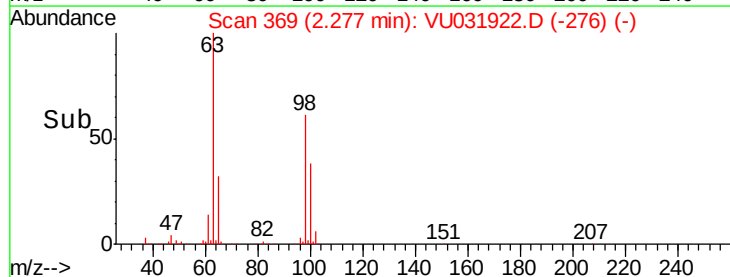
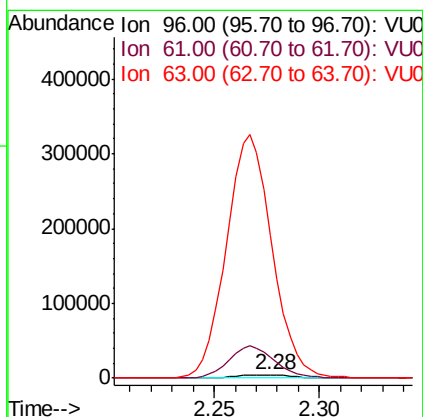
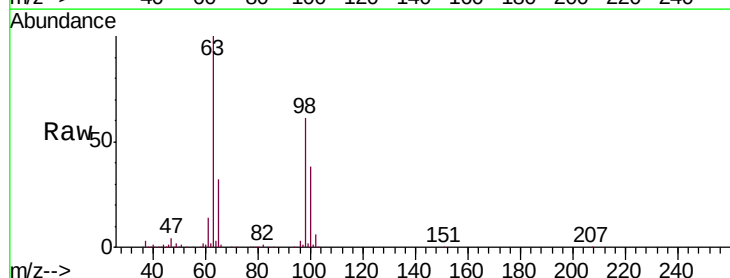
Tgt Ion: 96 Resp: 8979

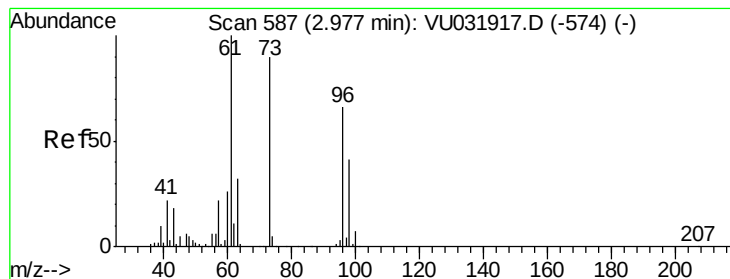
Ion Ratio Lower Upper

96 100

61 571.6 135.0 250.6#

63 3949.4 103.5 192.3#





#17

trans-1,2-Dichloroethene

Concen: 0.462 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU031922.D

Acq: 11 May 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

C0B53DL

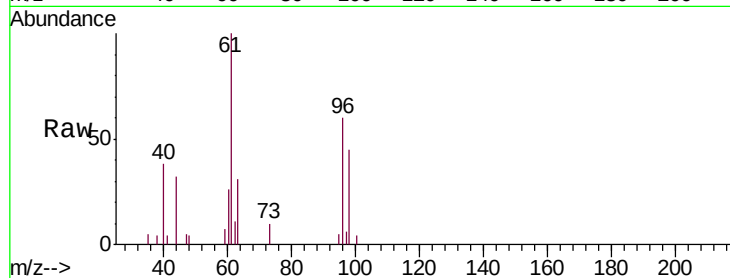
Tgt Ion: 96 Resp: 3841

Ion Ratio Lower Upper

96 100

61 167.2 114.5 212.7

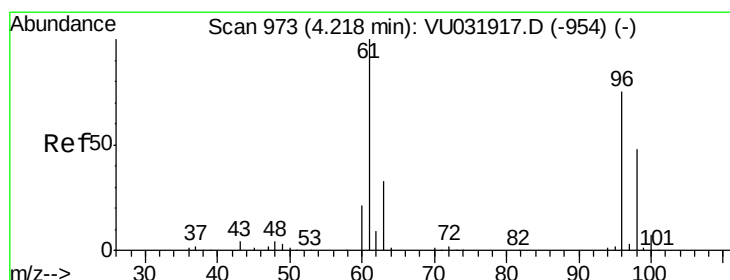
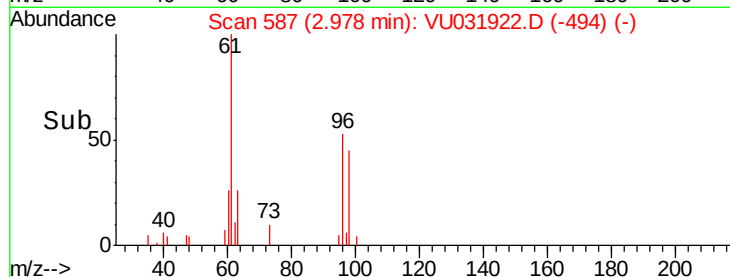
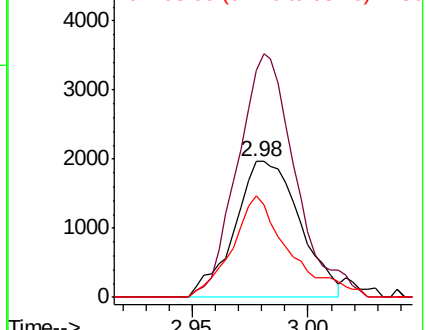
98 75.3 45.4 84.2



Abundance Ion 96.00 (95.70 to 96.70): VU031917.D (-574) (-)

Ion 61.00 (60.70 to 61.70): VU031917.D (-574) (-)

Ion 98.00 (97.70 to 98.70): VU031917.D (-574) (-)



#20

cis-1,2-Dichloroethene

Concen: 53.616 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031922.D

Acq: 11 May 2019 11:41

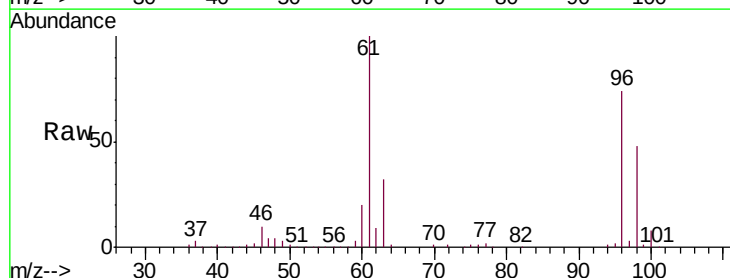
Tgt Ion: 96 Resp: 477645

Ion Ratio Lower Upper

96 100

61 134.4 99.5 184.7

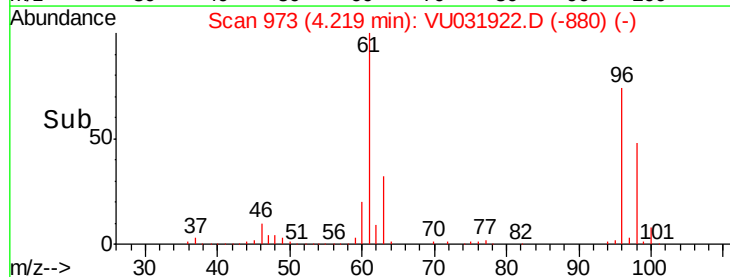
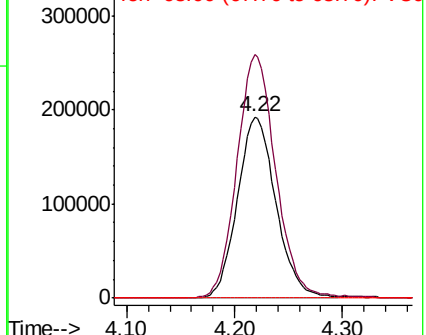
68 0.0 0.0 0.0

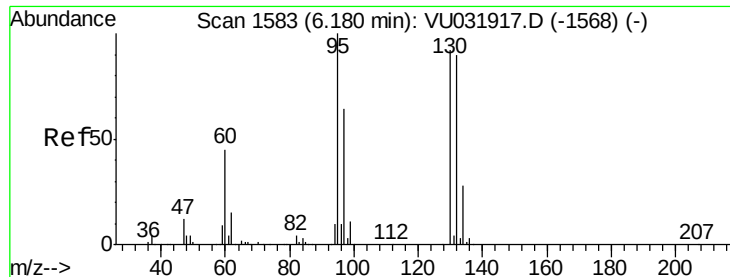


Abundance Ion 96.00 (95.70 to 96.70): VU031917.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU031917.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU031917.D (-954) (-)





#34

Trichloroethene

Concen: 30.908 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031922.D

Acq: 11 May 2019 11:41

Instrument :

MSVOA_U

ClientSampleId :

C0B53DL

Tgt Ion: 95 Resp: 283244

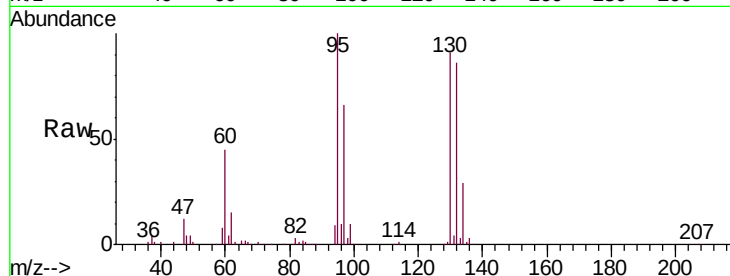
Ion Ratio Lower Upper

95 100

97 66.0 44.8 83.2

132 86.3 63.1 117.1

130 91.4 66.5 123.5

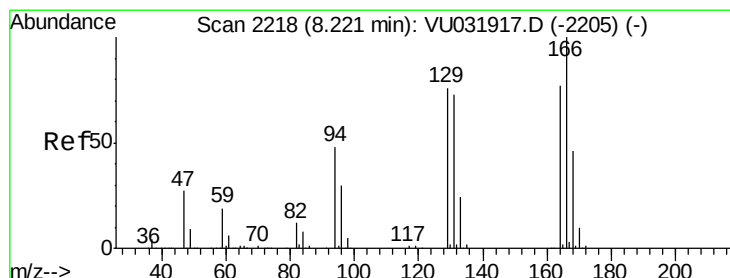
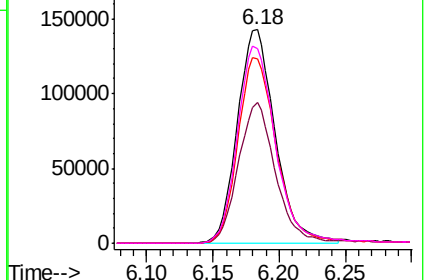
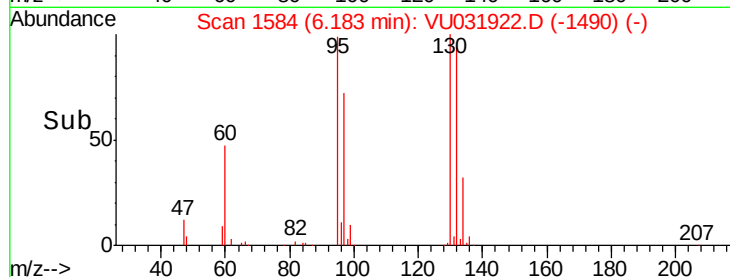


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.111 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031922.D

Acq: 11 May 2019 11:41

Tgt Ion: 164 Resp: 31932

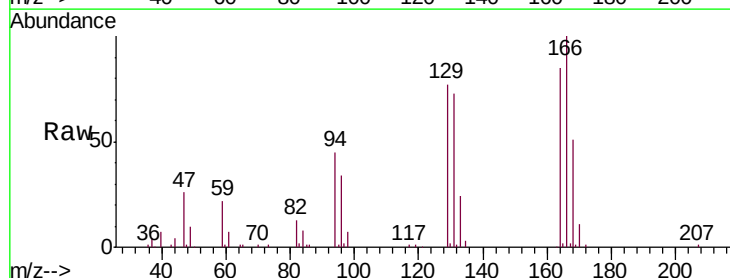
Ion Ratio Lower Upper

164 100

129 90.7 71.5 132.9

131 86.4 69.0 128.2

166 117.8 93.7 173.9

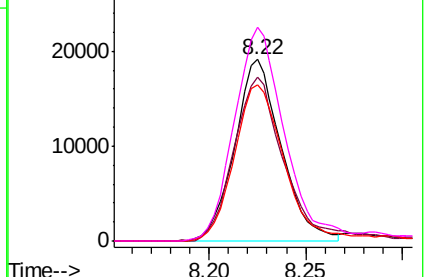
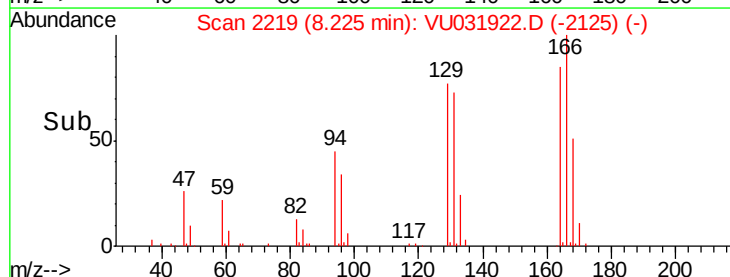


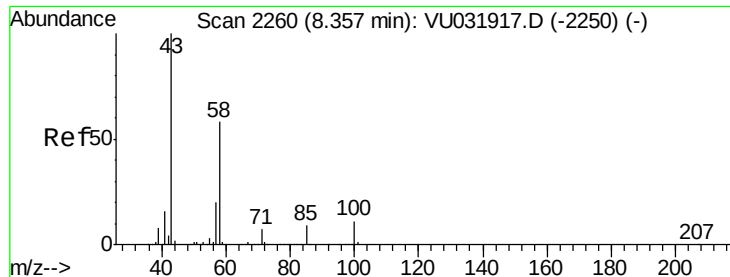
Abundance Ion 164.00 (163.70 to 164.70): V

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

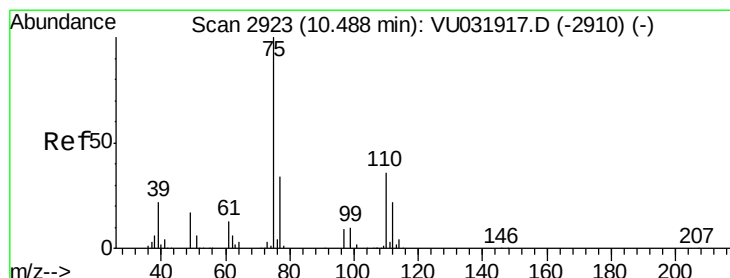
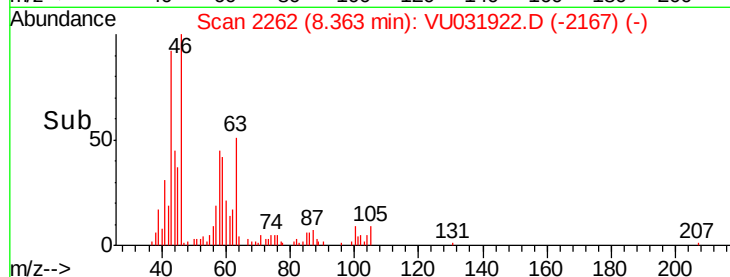
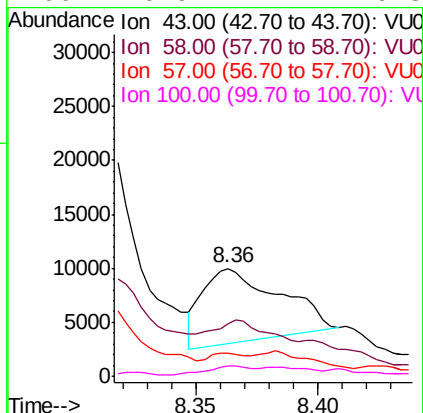
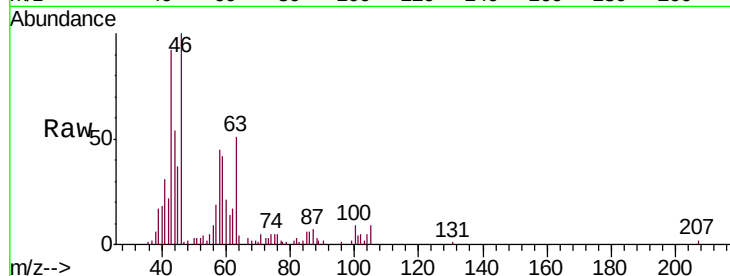




#48
 2-Hexanone
 Concen: 1.108 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.01 min
 Lab File: VU031922.D
 Acq: 11 May 2019 11:41

Instrument :
 MSVOA_U
 ClientSampled :
 C0B53DL

Tgt Ion: 43 Resp: 14798
 Ion Ratio Lower Upper
 43 100
 58 18.8 42.1 63.1#
 57 3.7 14.6 22.0#
 100 6.9 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 4.033 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031922.D
 Acq: 11 May 2019 11:41

Tgt Ion: 75 Resp: 51317
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.9 38.9

