

Data File : VU030262.D
Acq On : 21 Mar 2019 13:52
Operator : JC/SP
Sample : K2017-06DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1D5DL

Quant Time: Mar 22 04:07:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 04:03:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	524430	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	519540	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243407	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	178133	50.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.46%
7) Chloroethane-d5	1.68	69	145109	51.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.36%
11) 1,1-Dichloroethene-d2	2.27	63	237945	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
21) 2-Butanone-d5	4.17	46	252155	95.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.85%
24) Chloroform-d	4.65	84	302957	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
26) 1,2-Dichloroethane-d4	5.31	65	181294	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.68%
32) Benzene-d6	5.34	84	663139	48.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	6.33	67	204863	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.72%
41) Toluene-d8	7.56	98	603663	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	7.85	79	91910	44.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.12%
47) 2-Hexanone-d5	8.31	63	203153	92.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	292566	45.02	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.04%
64) 1,2-Dichlorobenzene-d4	11.86	152	231323	47.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.68%

Target Compounds

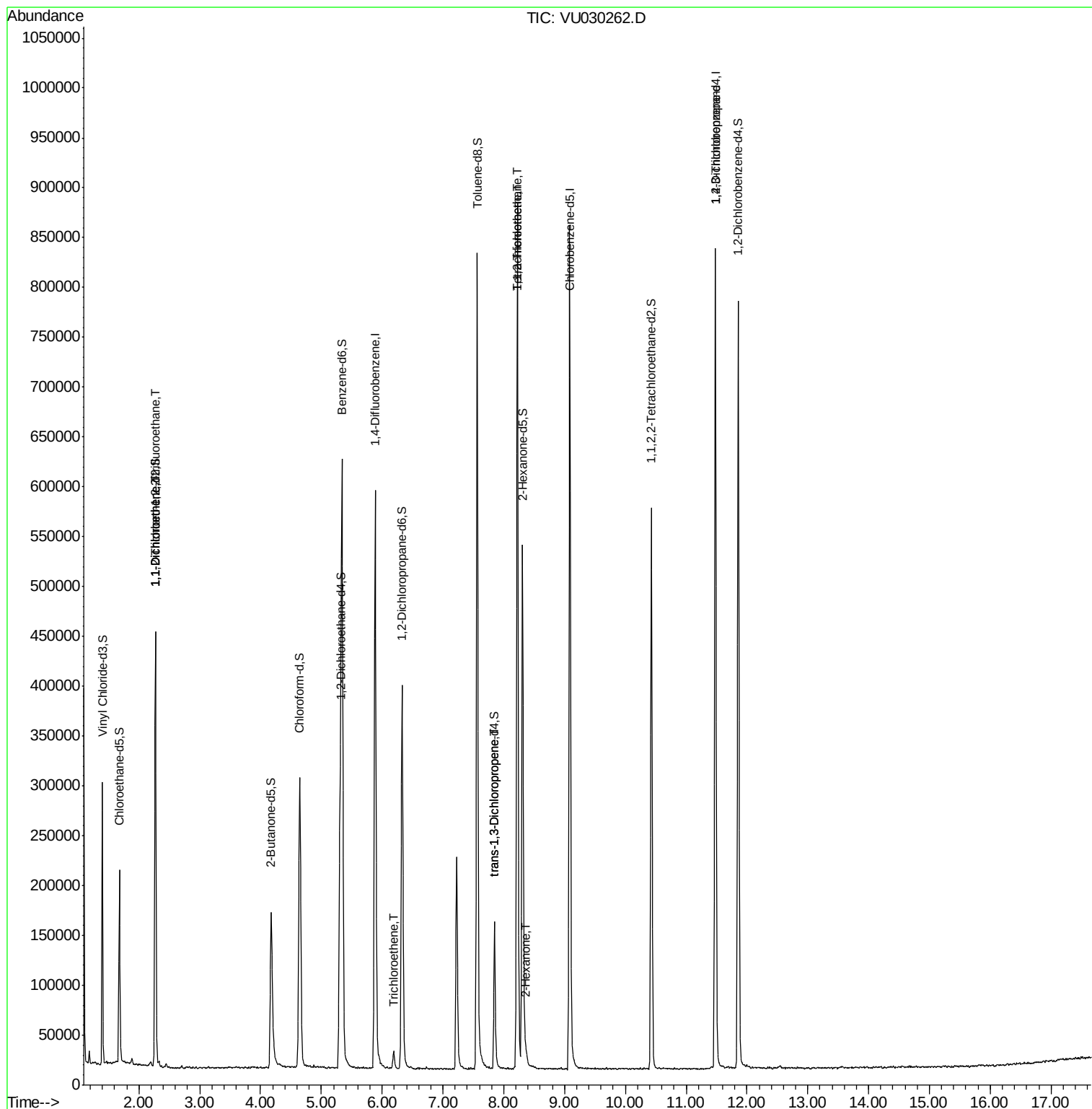
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2649	0.752	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	2238	0.640	ug/L #	1
34) Trichloroethene	6.19	95	6475	1.639	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	3124	0.586	ug/L #	73
45) 1,1,2-Trichloroethane	8.22	97	1520	0.386	ug/L #	1
46) Tetrachloroethene	8.22	164	214062	64.128	ug/L	99
48) 2-Hexanone	8.37	43	4916	1.123	ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	24846	4.789	ug/L	95

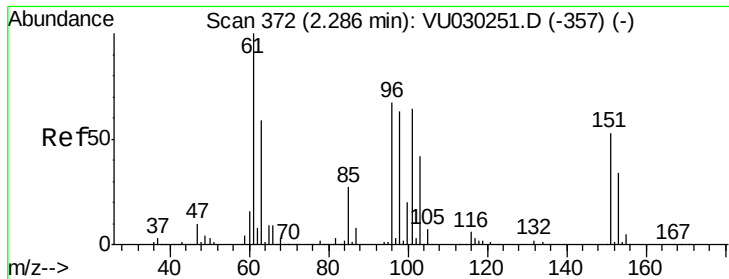
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.752 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU030262.D

Acq: 21 Mar 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

BF1D5DL

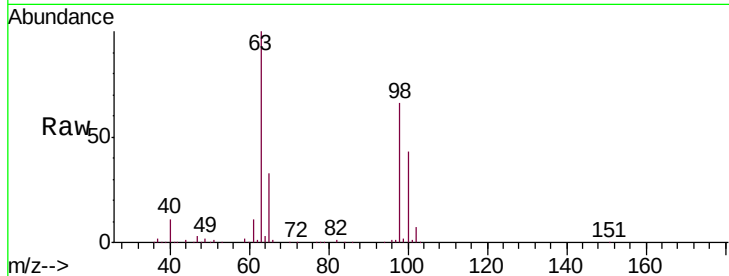
Tgt Ion: 101 Resp: 2649

Ion Ratio Lower Upper

101 100

85 0.0 32.5 48.7#

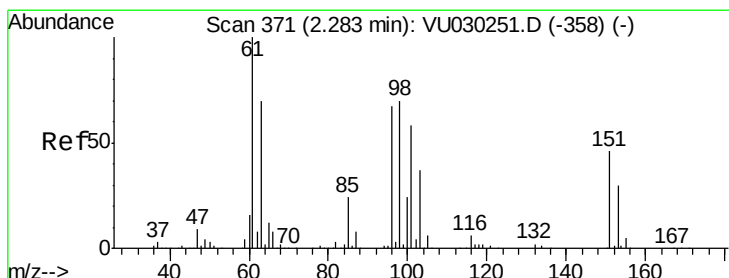
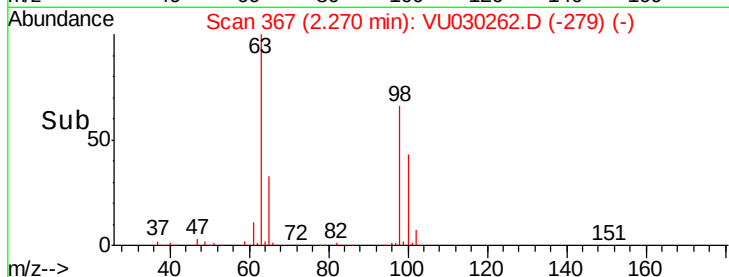
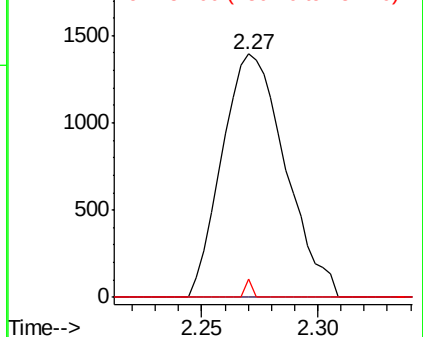
151 0.0 64.7 97.1#



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: 0.640 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030262.D

Acq: 21 Mar 2019 13:52

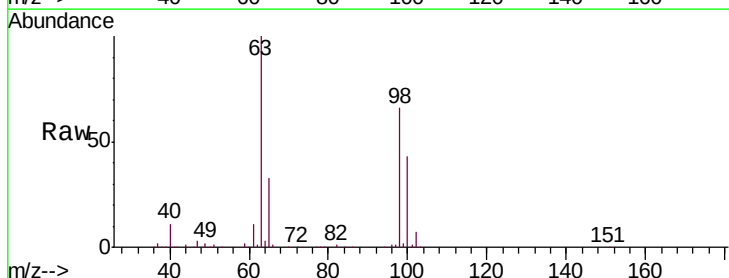
Tgt Ion: 96 Resp: 2238

Ion Ratio Lower Upper

96 100

61 1272.3 104.6 194.2#

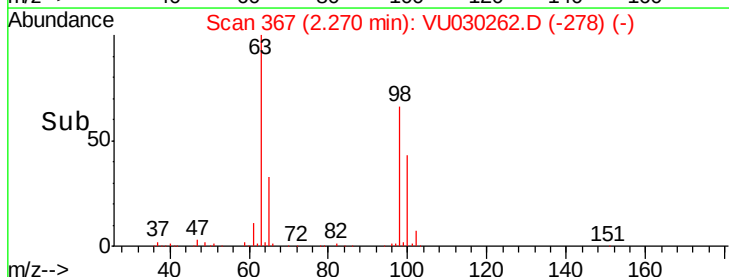
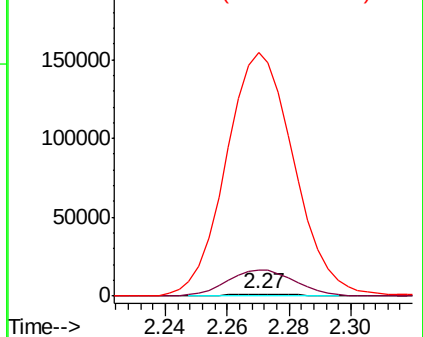
63 11672.9 77.2 143.4#

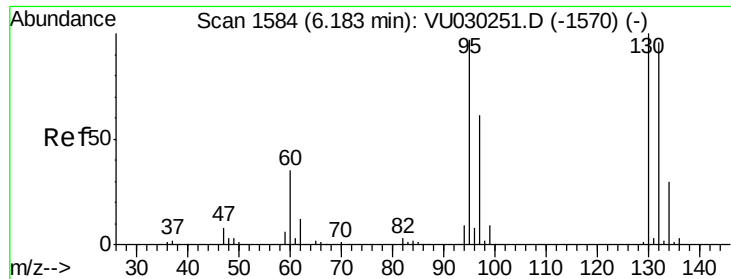


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#34

Trichloroethene

Concen: 1.639 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

BF1D5DL

Tgt Ion: 95 Resp: 6475

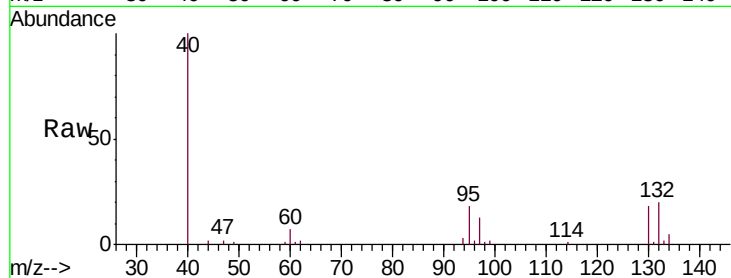
Ion Ratio Lower Upper

95 100

97 70.4 46.2 85.8

132 108.8 69.3 128.7

130 101.6 73.6 136.6

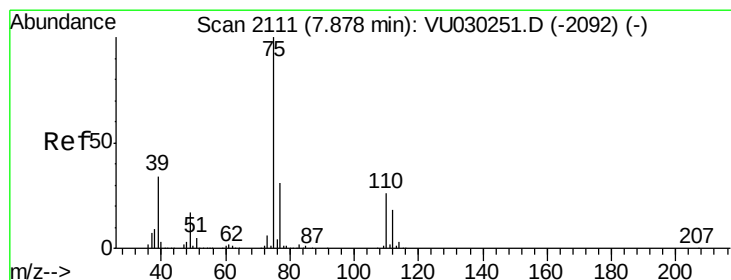
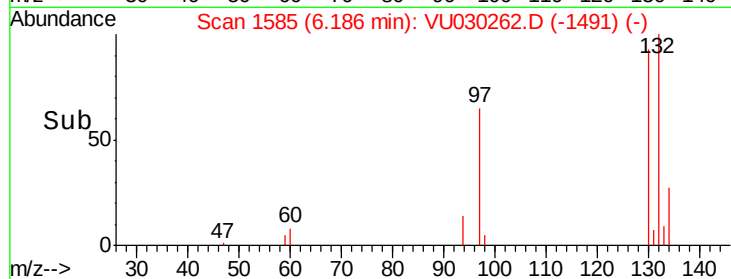
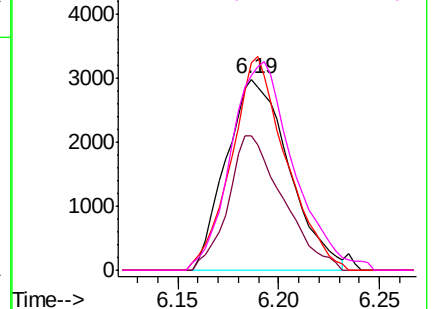


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#44

trans-1,3-Dichloropropene

Concen: 0.586 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU030262.D

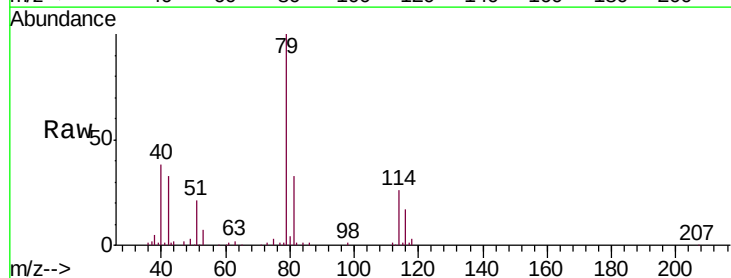
Acq: 21 Mar 2019 13:52

Tgt Ion: 75 Resp: 3124

Ion Ratio Lower Upper

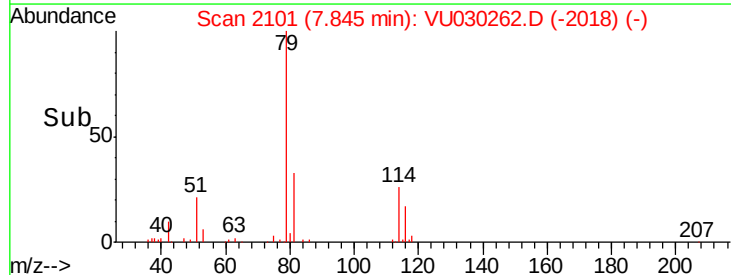
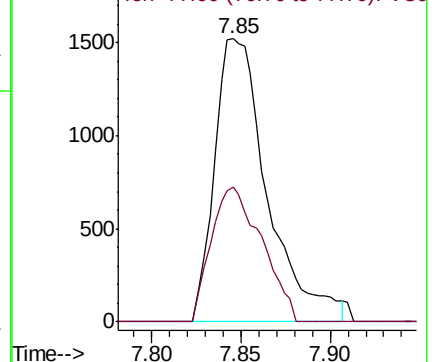
75 100

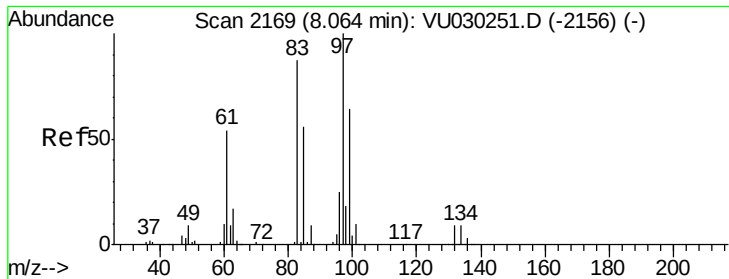
77 47.5 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#45

1,1,2-Trichloroethane

Concen: 0.386 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.16 min

Lab File: VU030262.D

Acq: 21 Mar 2019 13:52

Instrument :

MSVOA_U

ClientSampleId :

BF1D5DL

Tgt Ion: 97 Resp: 1520

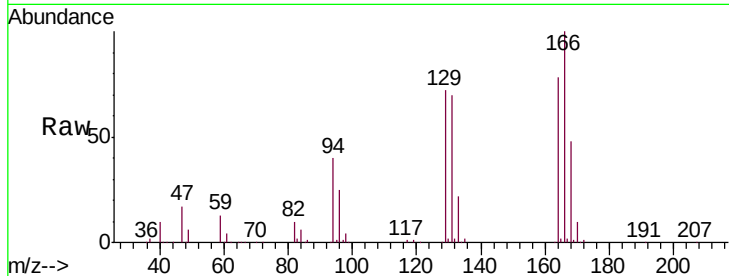
Ion Ratio Lower Upper

97 100

99 13.2 43.3 80.5#

83 360.9 59.3 110.1#

85 35.9 39.0 72.4#



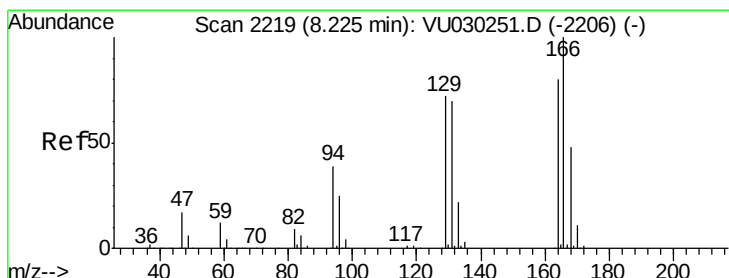
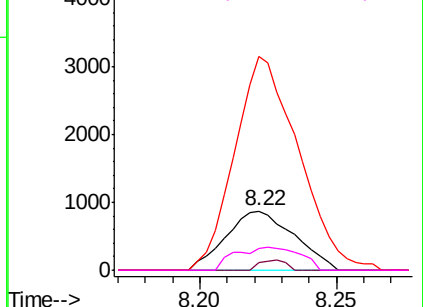
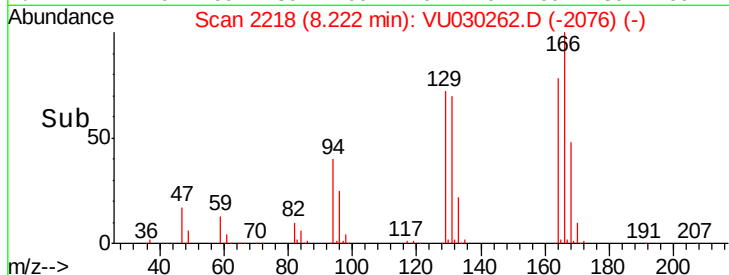
Abundance

Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



#46

Tetrachloroethene

Concen: 64.128 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU030262.D

Acq: 21 Mar 2019 13:52

Tgt Ion:164 Resp: 214062

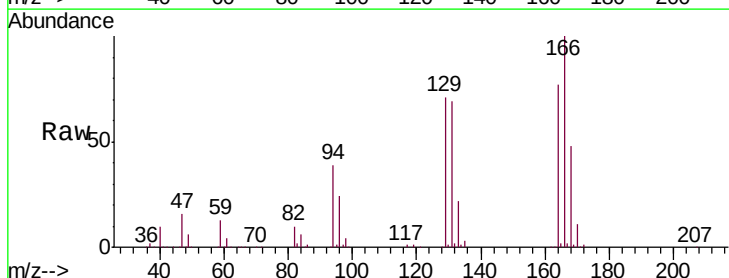
Ion Ratio Lower Upper

164 100

129 92.4 64.4 119.6

131 89.7 63.2 117.4

166 129.3 89.5 166.1



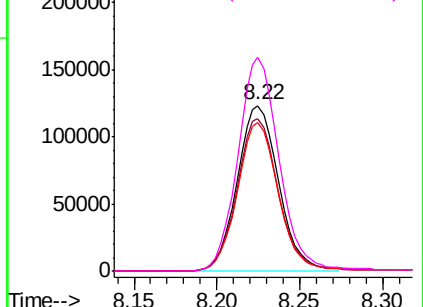
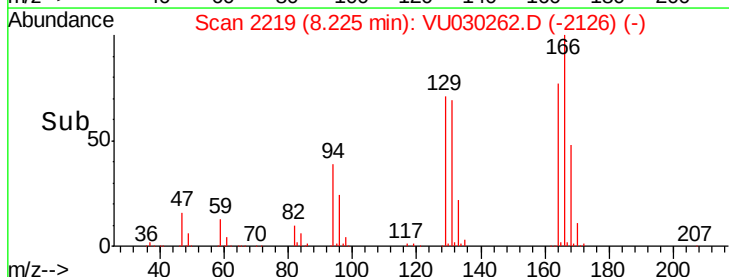
Abundance

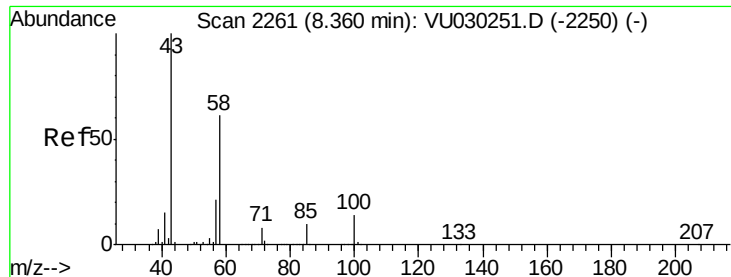
Ion 164.00 (163.70 to 164.70): V

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

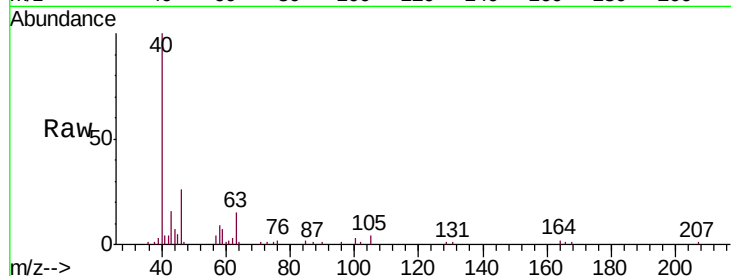




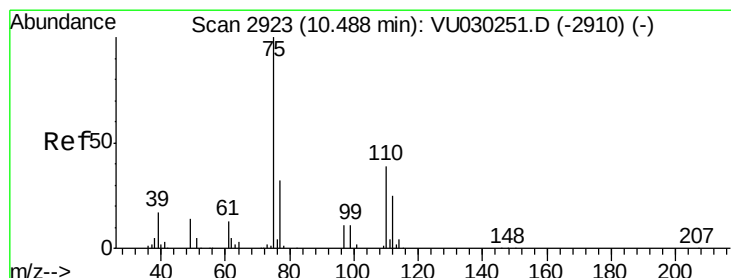
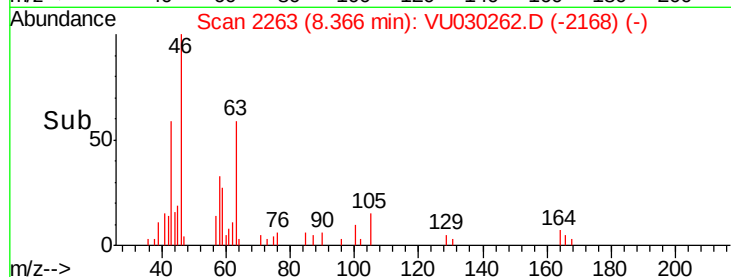
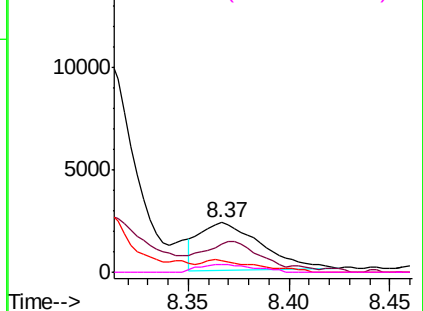
#48
2-Hexanone
Concen: 1.123 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030262.D
Acq: 21 Mar 2019 13:52

Instrument :
MSVOA_U
ClientSampleId :
BF1D5DL

Tgt Ion: 43 Resp: 4916
Ion Ratio Lower Upper
43 100
58 45.4 49.3 73.9#
57 4.6 17.0 25.4#
100 12.7 11.0 16.4

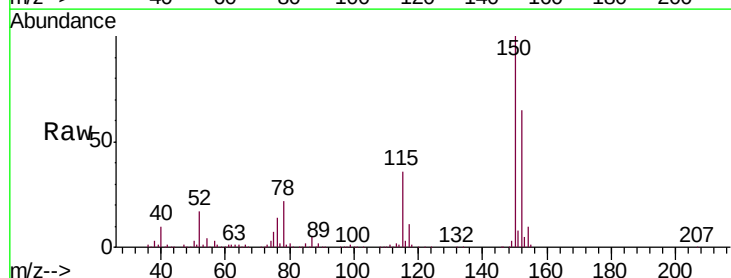


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0



#59
1,2,3-Trichloropropane
Concen: 4.789 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030262.D
Acq: 21 Mar 2019 13:52

Tgt Ion: 75 Resp: 24846
Ion Ratio Lower Upper
75 100
77 35.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

