

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
 Data File : VU032814.D
 Acq On : 18 Jun 2019 11:20
 Operator : JC/SP
 Sample : K3363-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JQ2

Quant Time: Jun 19 01:54:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 01:26:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	239202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	230269	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	116173	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	67899	41.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.08%
7) Chloroethane-d5	1.68	69	57808	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.68%
11) 1,1-Dichloroethene-d2	2.27	63	108378	32.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.82%
21) 2-Butanone-d5	4.17	46	155900	114.58	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	4.64	84	144138	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.72%
26) 1,2-Dichloroethane-d4	5.30	65	100534	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.98%
32) Benzene-d6	5.33	84	286565	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.32	67	93690	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.56	98	266994	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	46116	46.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.72%
47) 2-Hexanone-d5	8.31	63	105736	118.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.42%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	139319	47.13	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.26%
64) 1,2-Dichlorobenzene-d4	11.85	152	110950	49.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.70%

Target Compounds

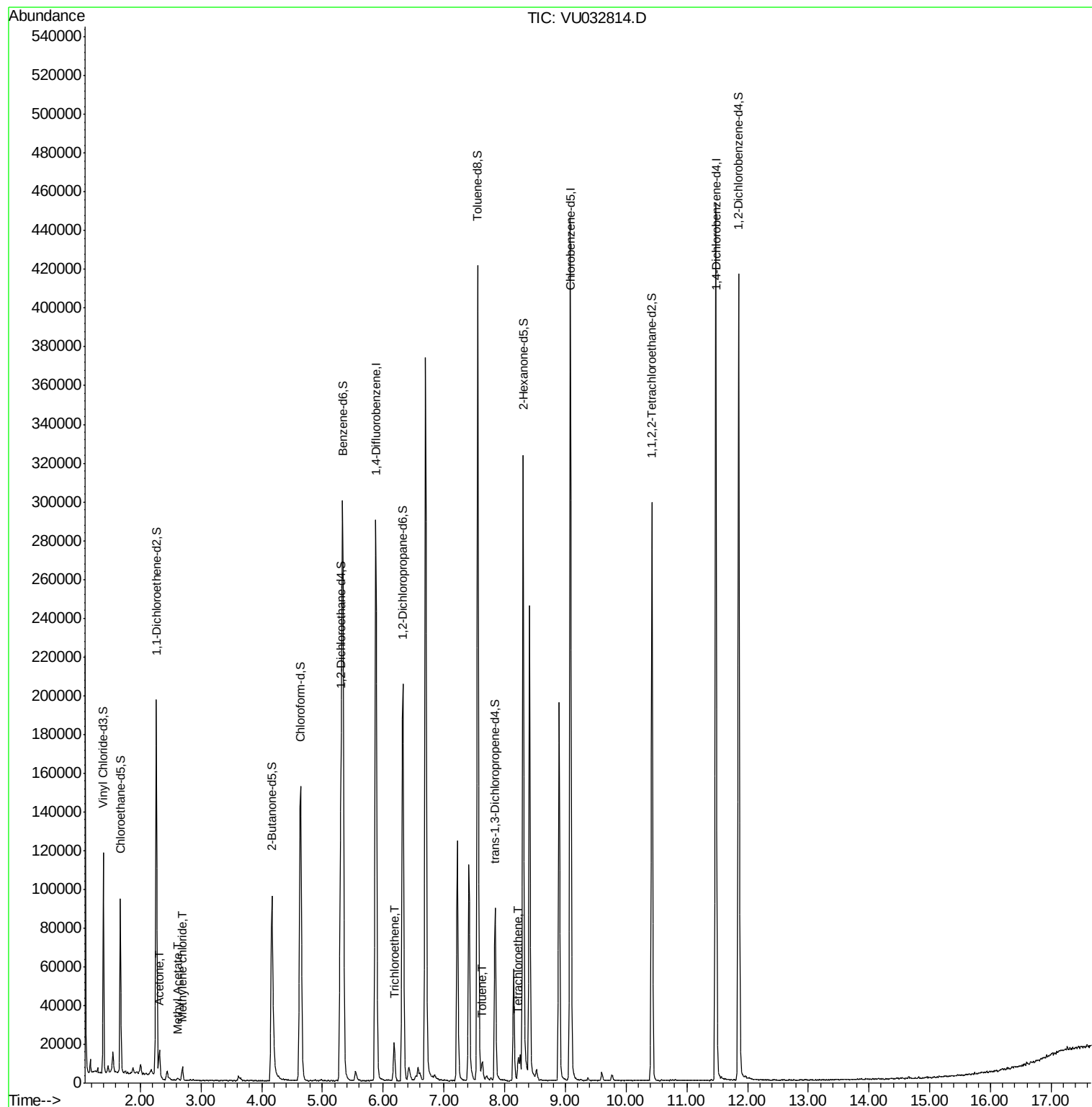
					Ovalue
13) Acetone	2.32	43	14575	7.755 ug/L	96
15) Methyl Acetate	2.62	43	1579	0.741 ug/L #	77
16) Methylene chloride	2.69	84	3007	1.701 ug/L	96
34) Trichloroethene	6.18	95	6602	3.725 ug/L	92
42) Toluene	7.64	91	6301	0.878 ug/L	96
46) Tetrachloroethene	8.22	164	992	0.683 ug/L	83

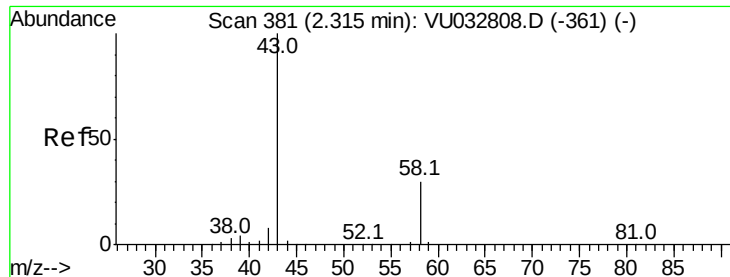
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\
Data File : VU032814.D
Acq On : 18 Jun 2019 11:20
Operator : JC/SP
Sample : K3363-15
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

Quant Time: Jun 19 01:54:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.755 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032814.D

Acq: 18 Jun 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

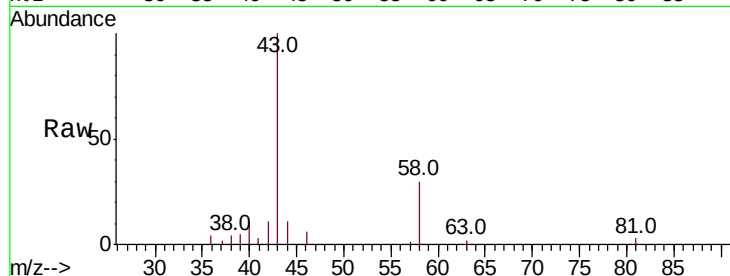
C0JQ2

Tot Ion: 43 Resp: 14575

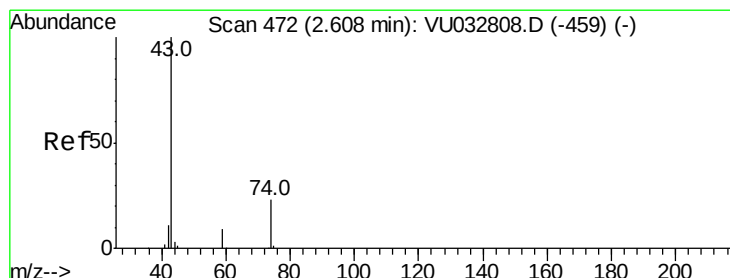
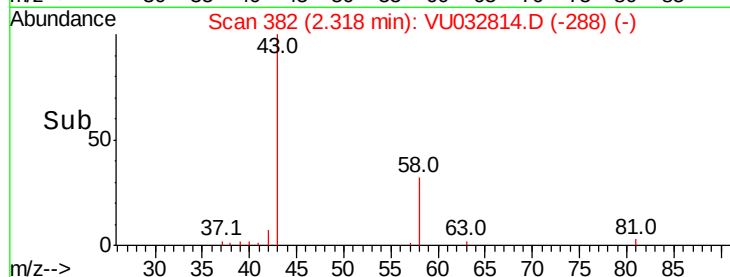
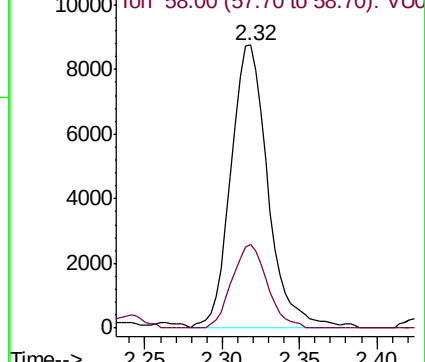
Ion Ratio Lower Upper

43 100

58 28.0 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032808.D (-361) (-)



#15

Methyl Acetate

Concen: 0.741 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032814.D

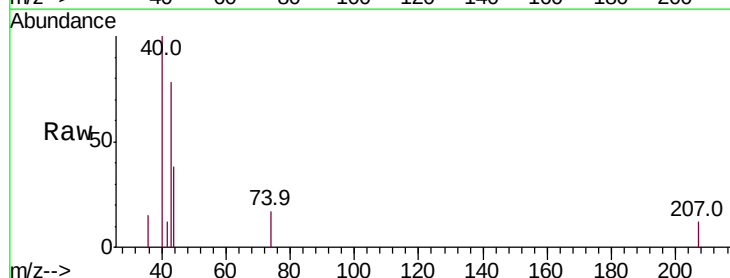
Acq: 18 Jun 2019 11:20

Tgt Ion: 43 Resp: 1579

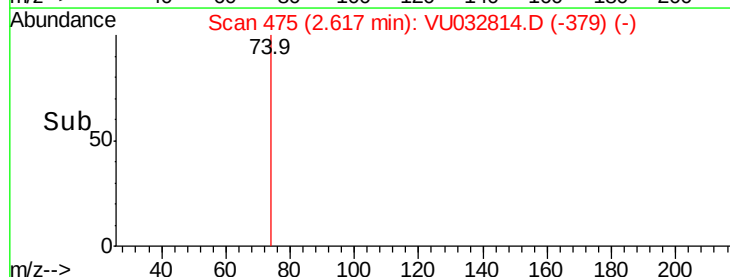
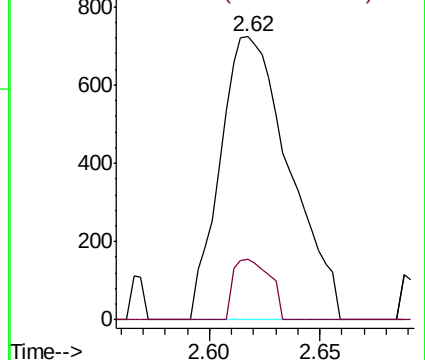
Ion Ratio Lower Upper

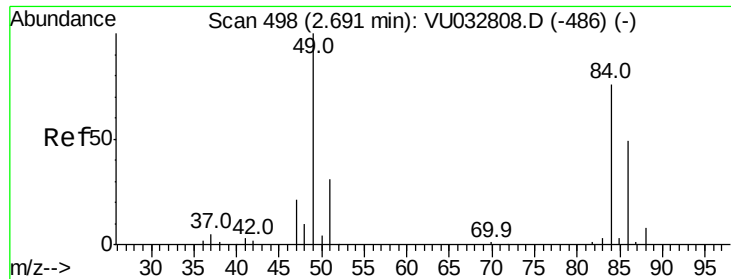
43 100

74 11.3 18.1 27.1#



Abundance Ion 43.00 (42.70 to 43.70): VU032808.D (-459) (-)

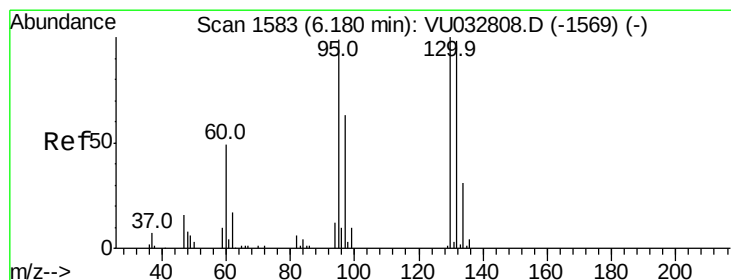
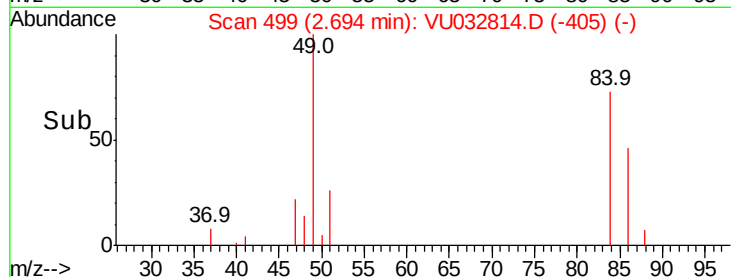
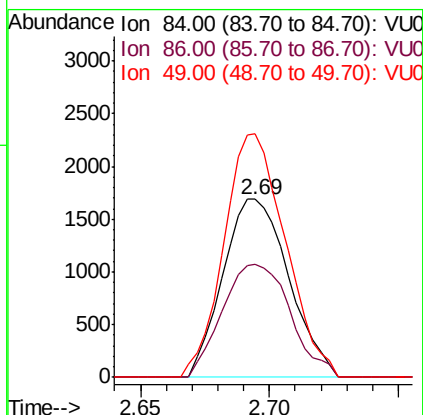
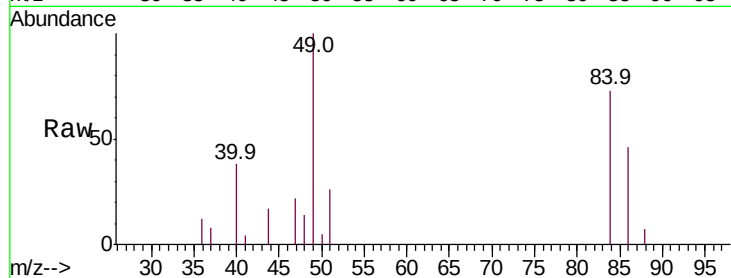




#16
Methvlene chloride
Concen: 1.701 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

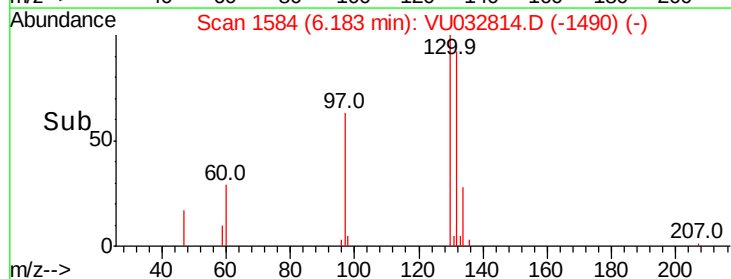
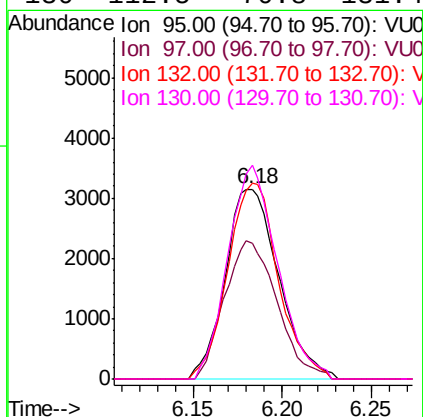
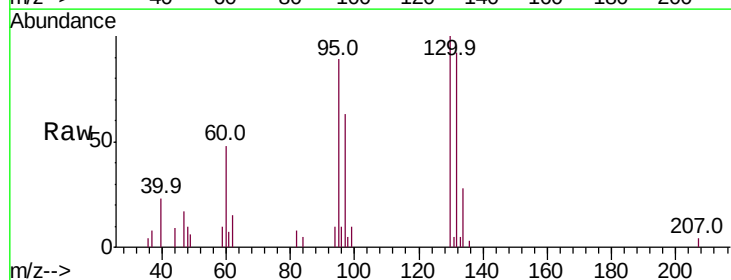
Instrument :
MSVOA_U
ClientSampleId :
C0JQ2

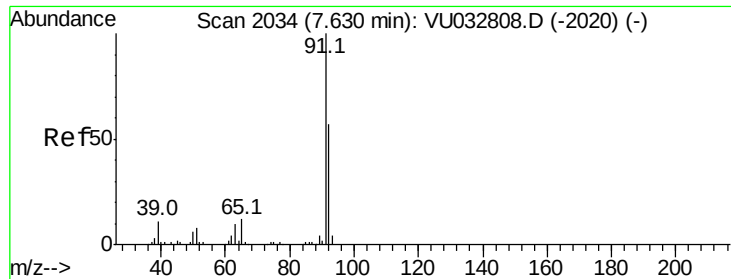
Tot Ion: 84 Resp: 3007
Ion Ratio Lower Upper
84 100
86 63.5 45.5 84.5
49 136.8 92.1 171.1



#34
Trichloroethene
Concen: 3.725 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU032814.D
Acq: 18 Jun 2019 11:20

Tgt Ion: 95 Resp: 6602
Ion Ratio Lower Upper
95 100
97 71.2 45.9 85.3
132 103.4 68.5 127.3
130 112.5 70.8 131.4





#42

Toluene

Concen: 0.878 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.01 min

Lab File: VU032814.D

Acq: 18 Jun 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

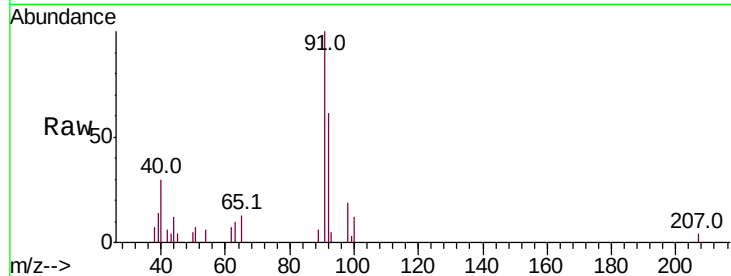
C0JQ2

Tot Ion: 91 Resp: 6301

Ion Ratio Lower Upper

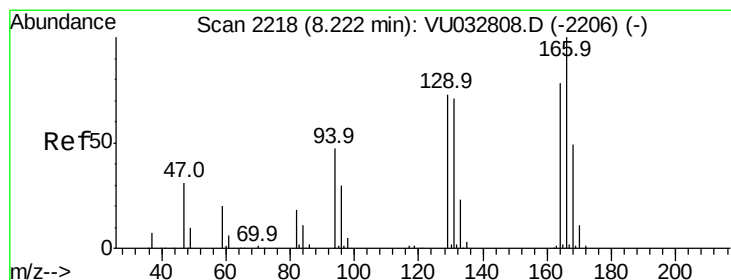
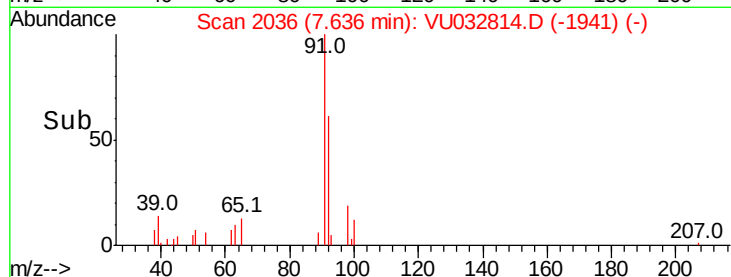
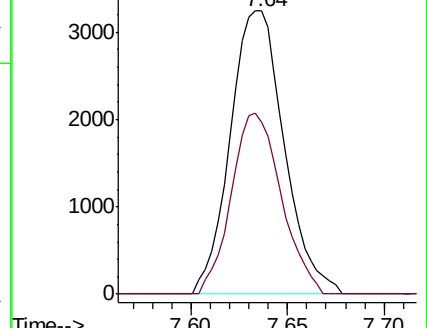
91 100

92 60.8 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VU032808.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032808.D (-2020) (-)



#46

Tetrachloroethene

Concen: 0.683 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU032814.D

Acq: 18 Jun 2019 11:20

Tgt Ion: 164 Resp: 992

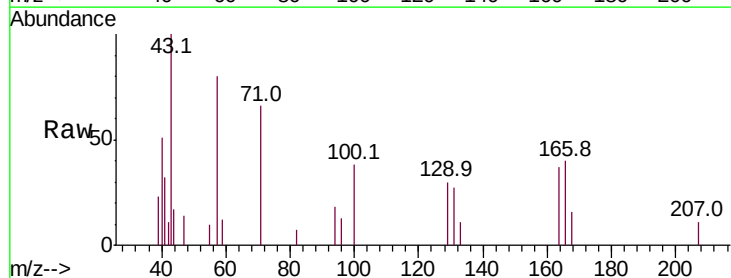
Ion Ratio Lower Upper

164 100

129 81.0 64.8 120.3

131 74.4 64.5 119.7

166 108.5 91.3 169.6



Abundance Ion 164.00 (163.70 to 164.70): VU032808.D (-2206) (-)

Ion 129.00 (128.70 to 129.70): VU032808.D (-2206) (-)

Ion 131.00 (130.70 to 131.70): VU032808.D (-2206) (-)

Ion 166.00 (165.70 to 166.70): VU032808.D (-2206) (-)

