

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061419\
 Data File : VU032768.D
 Acq On : 15 Jun 2019 10:57
 Operator : JC/SP
 Sample : K3385-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM68

Quant Time: Jun 17 04:01:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 17 01:26:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	93129	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87693	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	41058	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	23949	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.67	69	21555	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.27	63	49881	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.18	46	94990	56.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.42%
24) Chloroform-d	4.64	84	54636	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.30	65	31832	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.33	84	101392	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.32	67	34139	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	85704	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.85	79	12303	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.31	63	69365	48.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	30115	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	35837	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

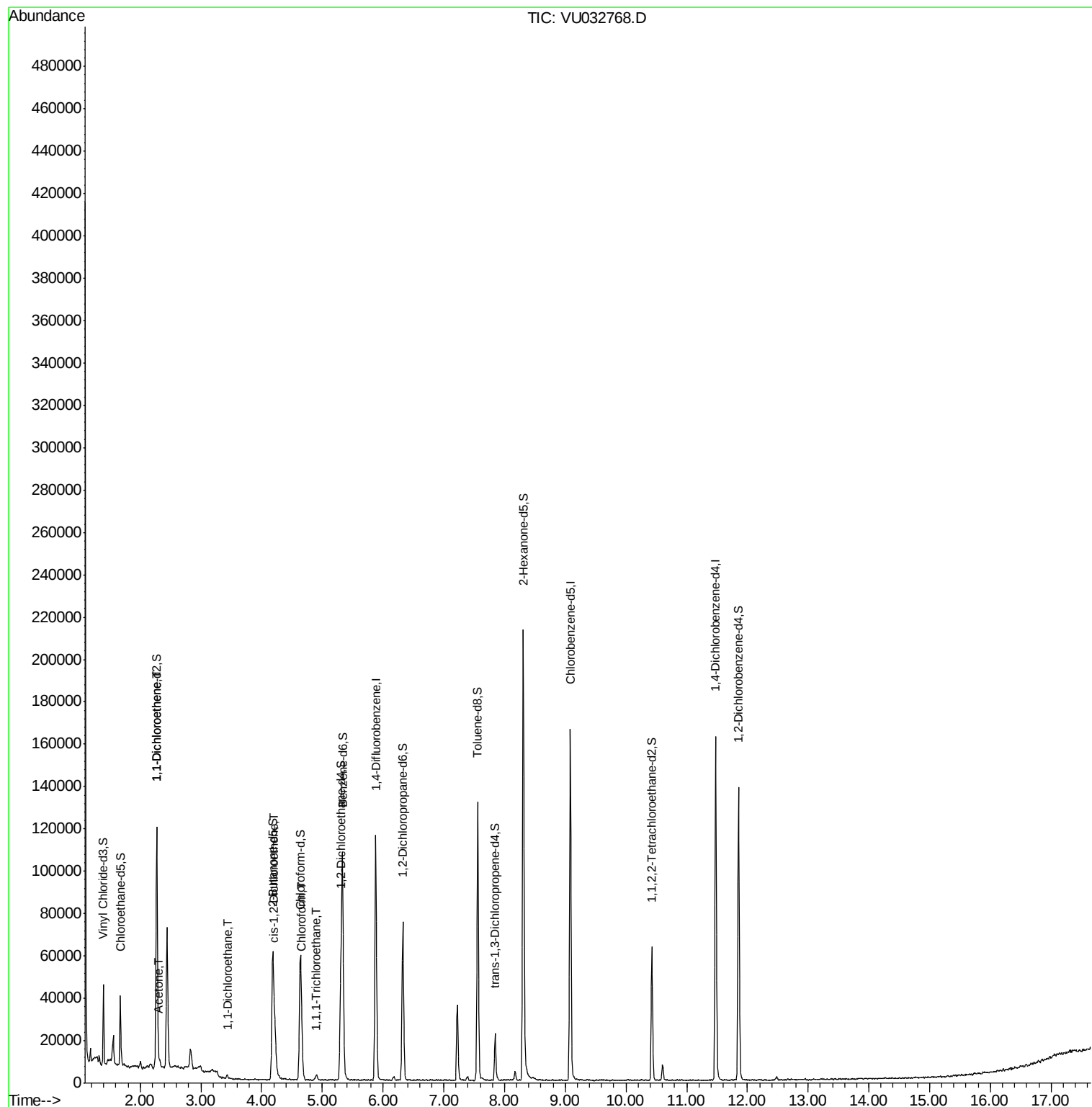
					Ovalue
12) 1,1-Dichloroethene	2.28	96	19676	3.325	ug/L 94
13) Acetone	2.32	43	3549	2.706	ug/L 99
19) 1,1-Dichloroethane	3.44	63	2132	0.187	ug/L 92
22) cis-1,2-Dichloroethene	4.21	96	6492	0.899	ug/L 97
25) Chloroform	4.67	83	9719	0.833	ug/L 97
29) 1,1,1-Trichloroethane	4.90	97	2068	0.194	ug/L # 84

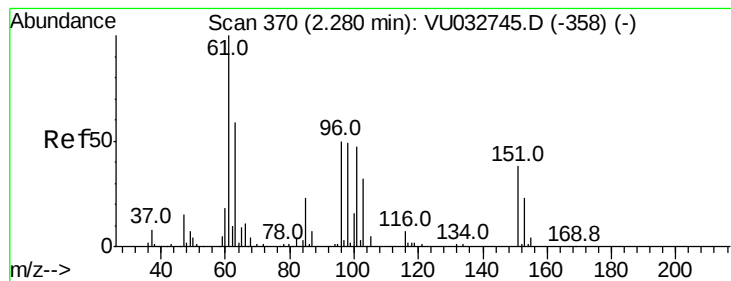
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 3.325 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032768.D

Acq: 15 Jun 2019 10:57

Instrument :

MSVOA_U

ClientSampled :

COM68

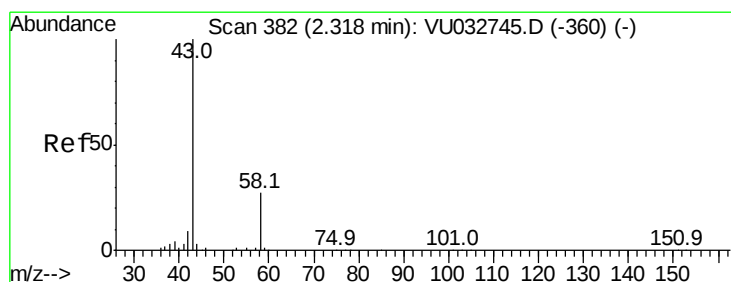
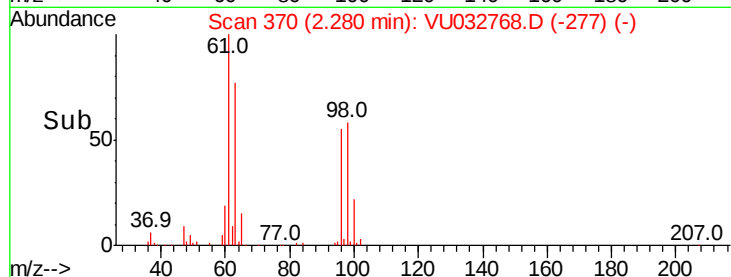
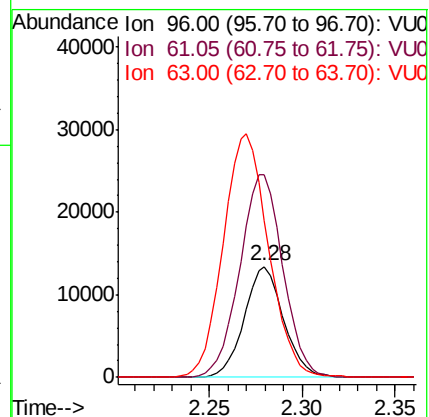
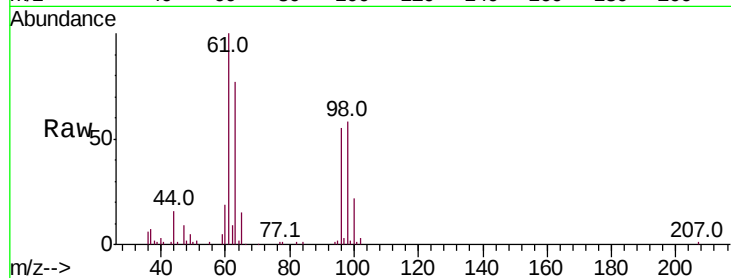
Tot Ion: 96 Resp: 19676

Ion Ratio Lower Upper

96 100

61 183.2 131.8 244.8

63 140.7 90.1 167.3



#13

Acetone

Concen: 2.706 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032768.D

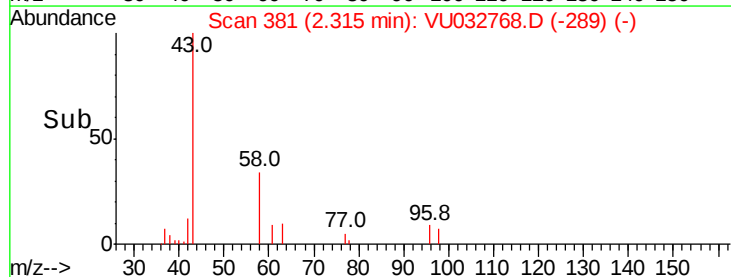
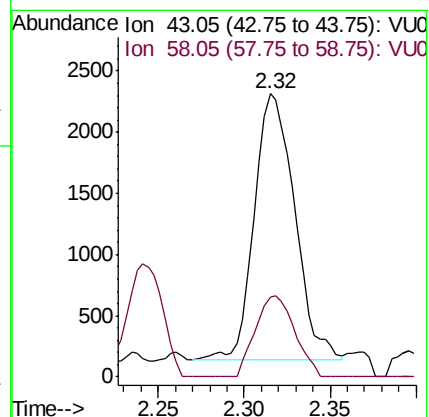
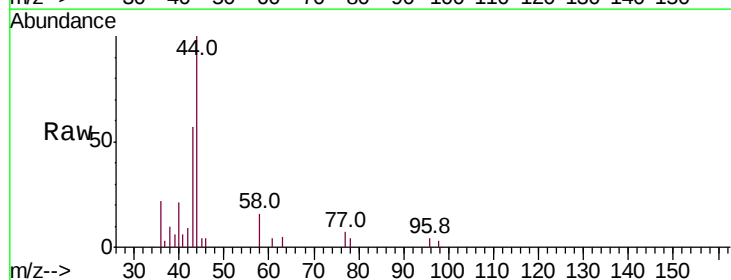
Acq: 15 Jun 2019 10:57

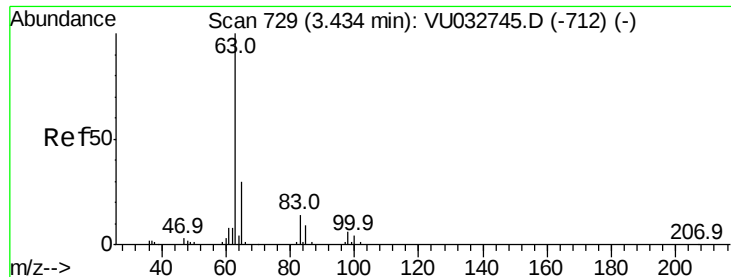
Tgt Ion: 43 Resp: 3549

Ion Ratio Lower Upper

43 100

58 29.7 0.0 60.8



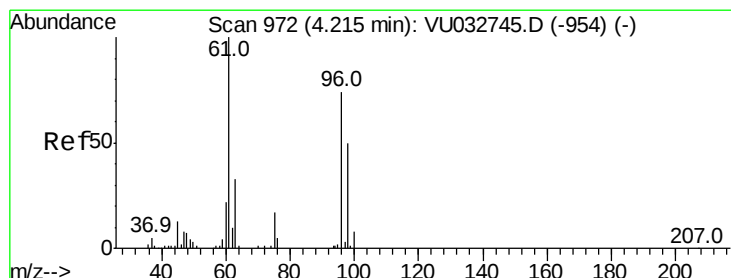
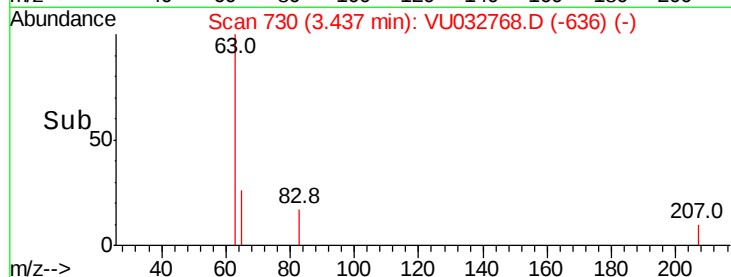
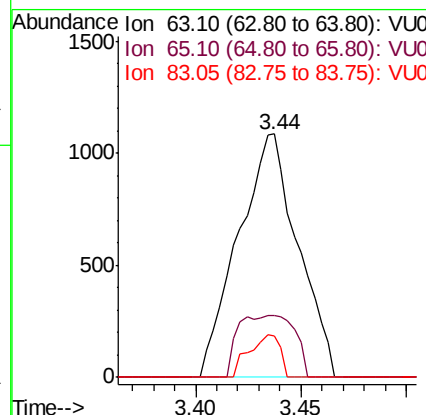
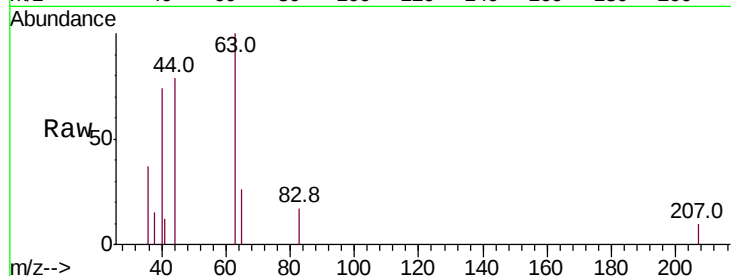


#19
 1,1-Dichloroethane
 Concen: 0.187 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU032768.D
 Acq: 15 Jun 2019 10:57

Instrument :
 MSVOA_U
 ClientSampled :
 COM68

Tot Ion: 63 Resp: 2132

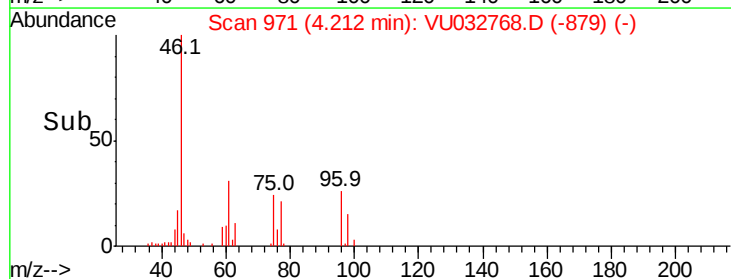
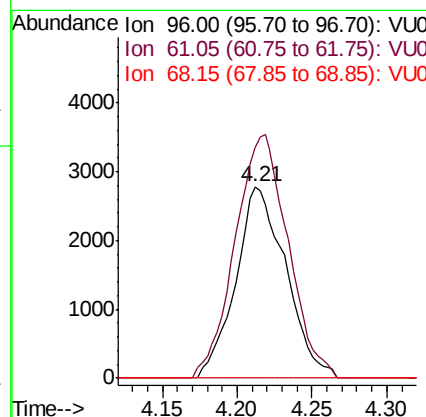
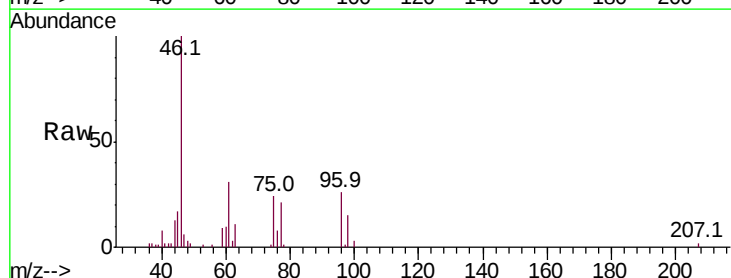
Ion	Ratio	Lower	Upper
63	100		
65	25.6	21.3	39.6
83	16.9	10.1	18.7

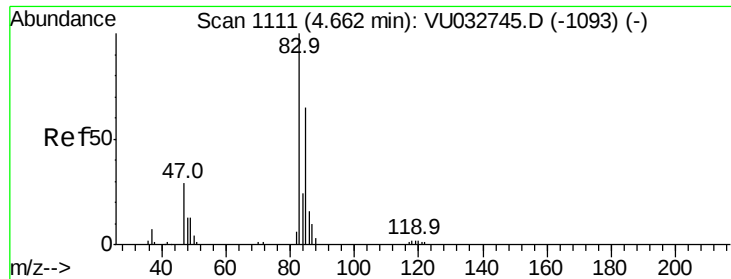


#22
 cis-1,2-Dichloroethene
 Concen: 0.899 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VU032768.D
 Acq: 15 Jun 2019 10:57

Tgt Ion: 96 Resp: 6492

Ion	Ratio	Lower	Upper
96	100		
61	120.2	86.6	160.8
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.833 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU032768.D

Acq: 15 Jun 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

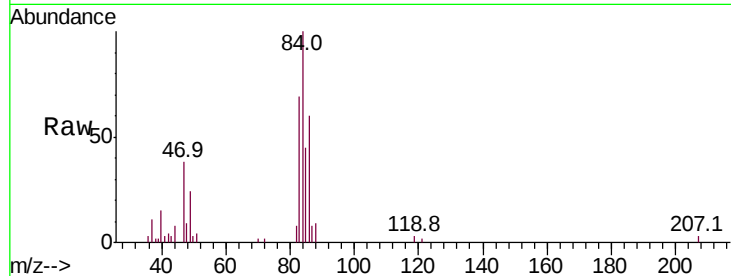
COM68

Tot Ion: 83 Resp: 9719

Ion Ratio Lower Upper

83 100

85 65.1 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032745.D (-1093) (-)

Ion 85.00 (84.70 to 85.70): VU032745.D (-1093) (-)

4.67

4000

3000

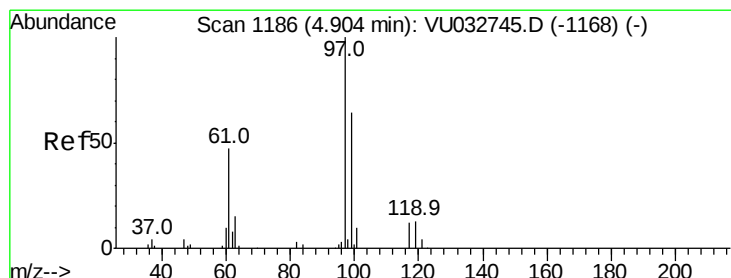
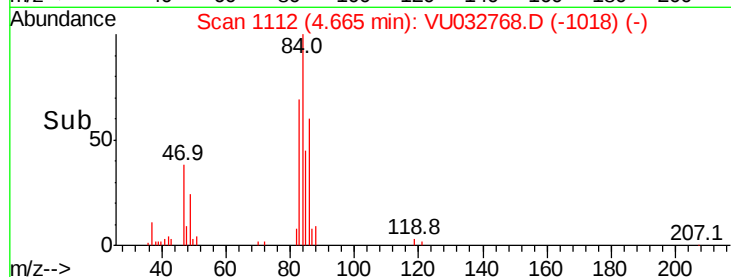
2000

1000

0

4.60 4.65 4.70 4.75

Time-->



#29

1,1,1-Trichloroethane

Concen: 0.194 ug/L

RT: 4.90 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU032768.D

Acq: 15 Jun 2019 10:57

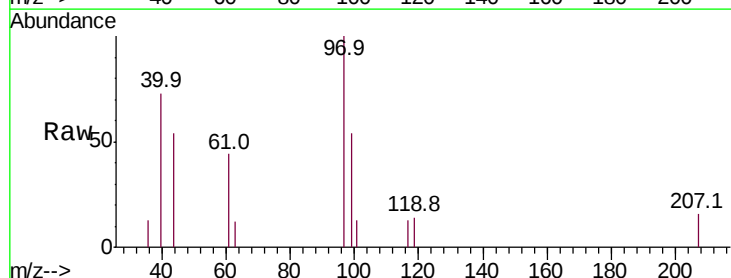
Tgt Ion: 97 Resp: 2068

Ion Ratio Lower Upper

97 100

99 45.9 51.8 77.6#

61 41.5 34.7 52.1



Abundance Ion 96.95 (96.65 to 97.65): VU032745.D (-1168) (-)

Ion 99.05 (98.75 to 99.75): VU032745.D (-1168) (-)

Ion 61.05 (60.75 to 61.75): VU032745.D (-1168) (-)

1200

1000

800

600

400

200

0

4.85 4.90 4.95

Time-->

