

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030119\
 Data File : VU029762.D
 Acq On : 01 Mar 2019 14:31
 Operator : JC/SP
 Sample : K1660-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWJY2

Quant Time: Mar 04 11:48:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 22:12:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	239700	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	229213	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113896	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	90549	5.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.60%
7) Chloroethane-d5	1.68	69	73548	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.27	63	130789	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	4.19	46	182772	51.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	4.65	84	118082	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.31	65	73314	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.34	84	318487	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.33	67	93926	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.56	98	291115	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.85	79	33888	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.31	63	176732	51.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74355	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	117140	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

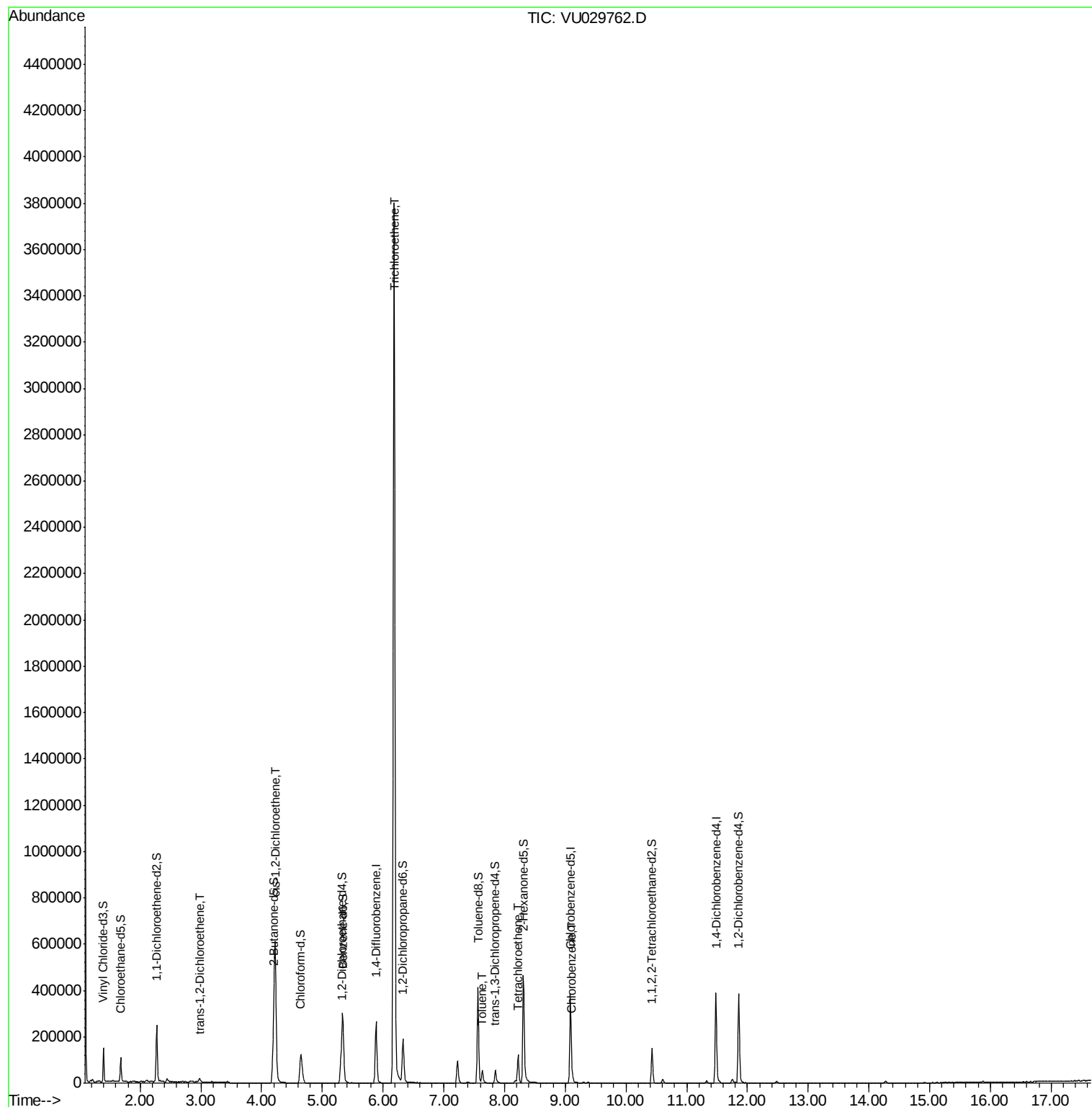
					Ovalue
18) trans-1,2-Dichloroethene	2.98	96	5978	0.309 ug/L	86
22) cis-1,2-Dichloroethene	4.22	96	350491	19.777 ug/L	97
34) Trichloroethene	6.18	95	1336324	79.024 ug/L	97
42) Toluene	7.64	91	42890	0.624 ug/L	97
47) Tetrachloroethene	8.22	164	30270	1.928 ug/L	97
51) Chlorobenzene	9.12	112	17056	0.361 ug/L	97

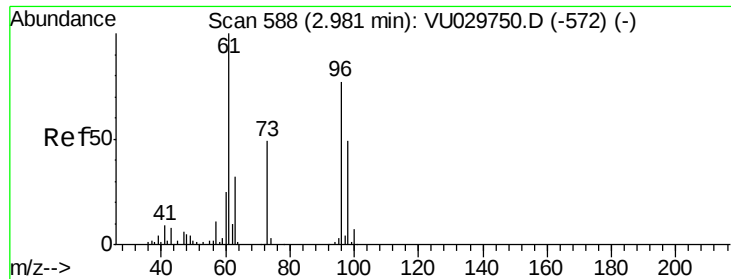
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030119\
Data File : VU029762.D
Acq On : 01 Mar 2019 14:31
Operator : JC/SP
Sample : K1660-02
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJY2

Quant Time: Mar 04 11:48:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 22:12:01 2019
Response via : Initial Calibration

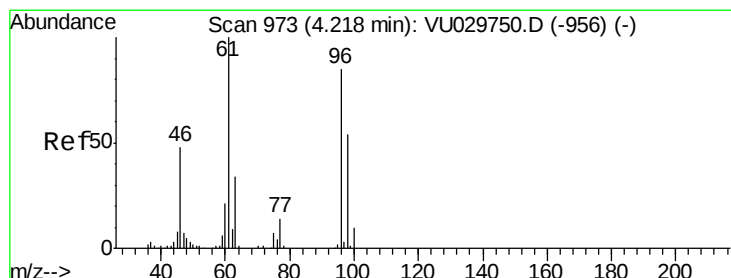
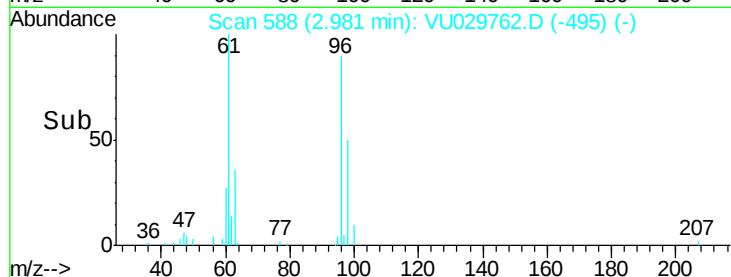
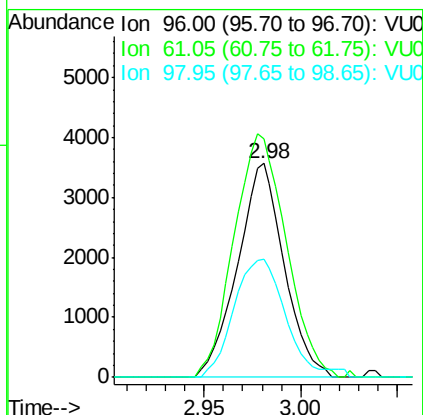
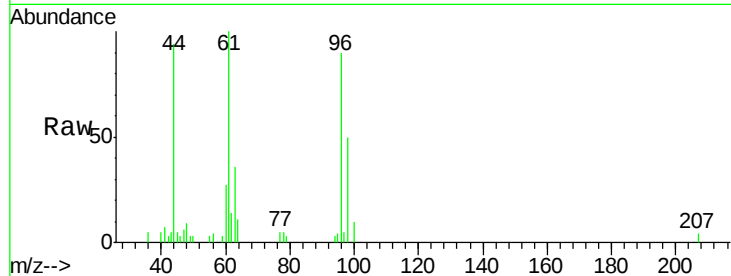




#18
trans-1,2-Dichloroethene
Concen: 0.309 ug/L
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU029762.D
Acq: 01 Mar 2019 14:31

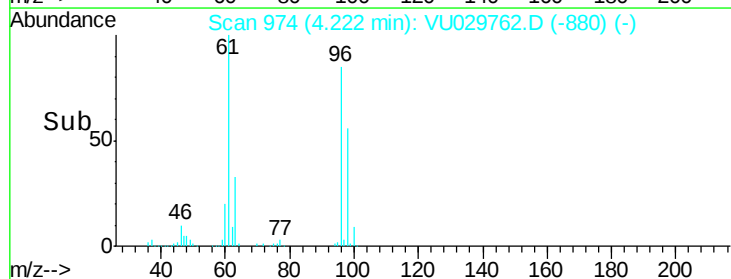
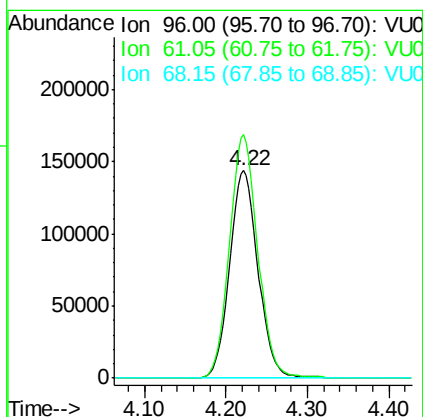
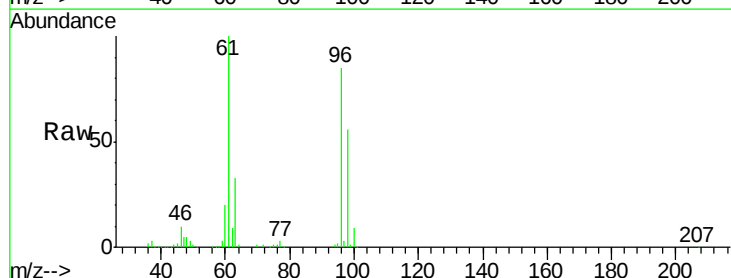
Instrument :
MSVOA_U
ClientSampleId :
CWJY2

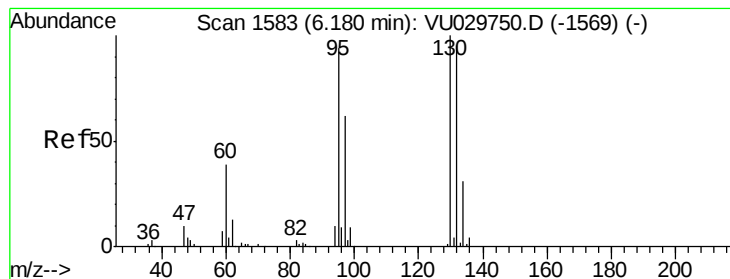
Tot Ion: 96 Resp: 5978
Ion Ratio Lower Upper
96 100
61 111.4 90.3 167.7
98 55.3 45.2 84.0



#22
cis-1,2-Dichloroethene
Concen: 19.777 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029762.D
Acq: 01 Mar 2019 14:31

Tgt Ion: 96 Resp: 350491
Ion Ratio Lower Upper
96 100
61 117.4 80.2 149.0
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 79.024 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU029762.D

Acq: 01 Mar 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

CWJY2

Tot Ion: 95 Resp: 1336324

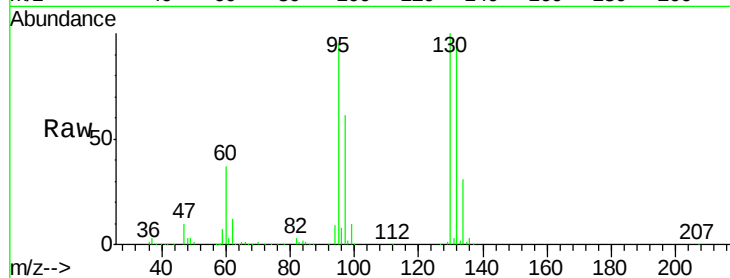
Ion Ratio Lower Upper

95 100

97 64.4 45.6 84.8

132 101.2 72.9 135.3

130 105.6 77.5 143.9

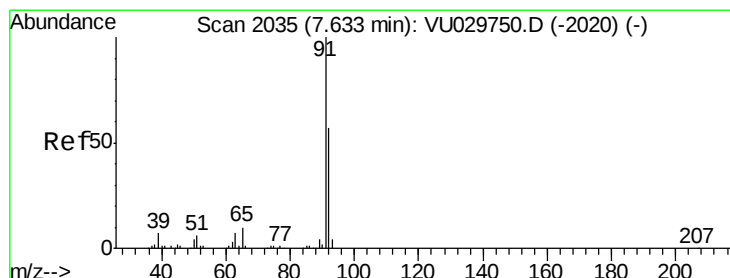
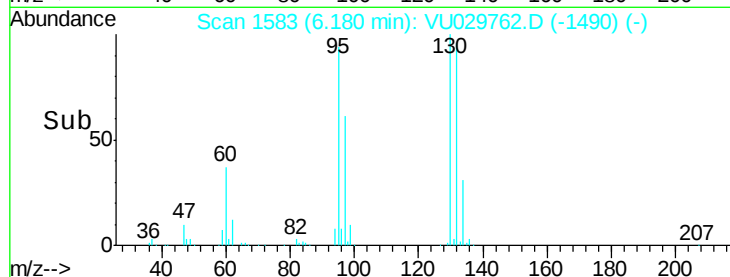
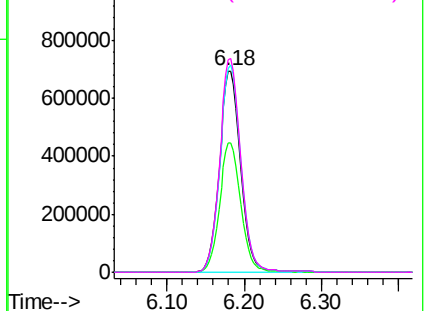


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.624 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029762.D

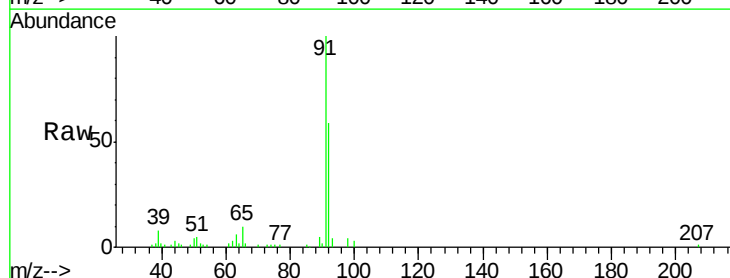
Acq: 01 Mar 2019 14:31

Tgt Ion: 91 Resp: 42890

Ion Ratio Lower Upper

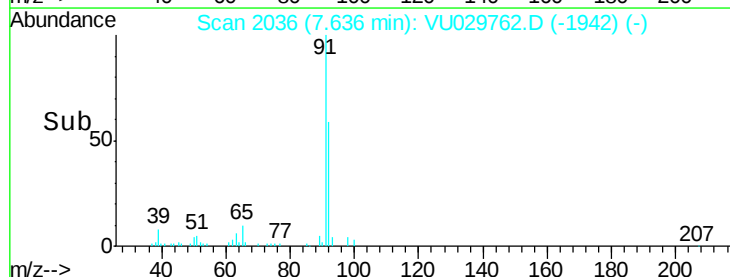
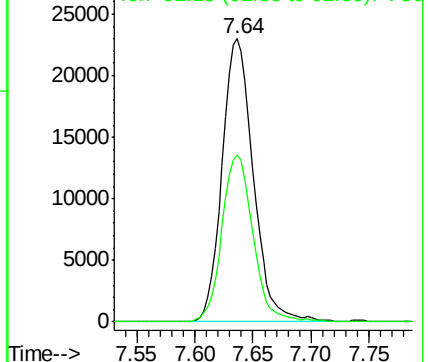
91 100

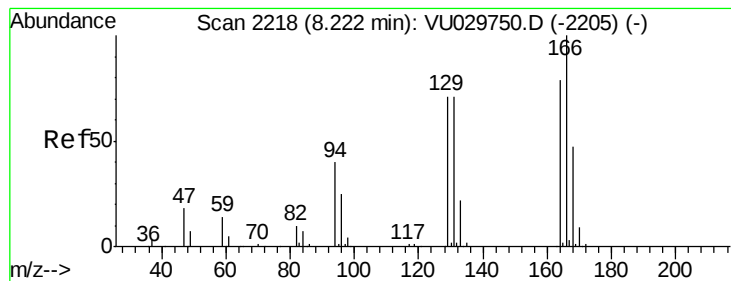
92 59.2 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 1.928 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029762.D

Acq: 01 Mar 2019 14:31

Instrument :

MSVOA_U

ClientSampleId :

CWJY2

Tot Ion:164 Resp: 30270

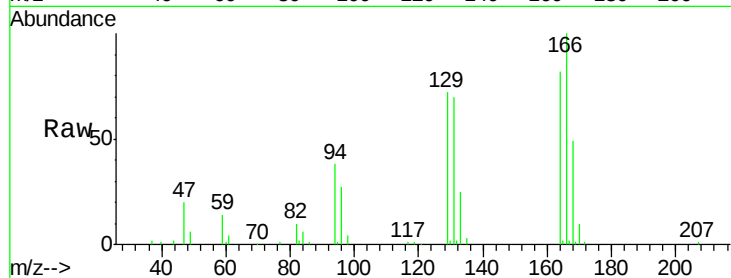
Ion Ratio Lower Upper

164 100

129 87.4 62.9 116.7

131 85.2 61.8 114.8

166 122.0 88.8 164.8

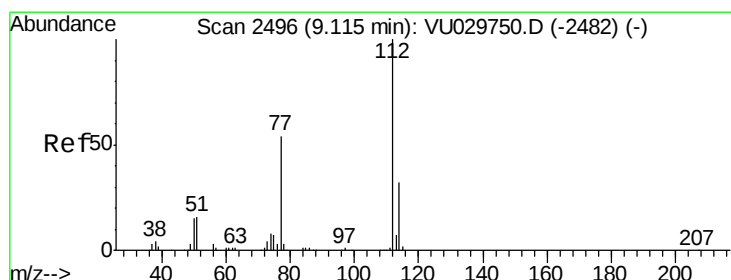
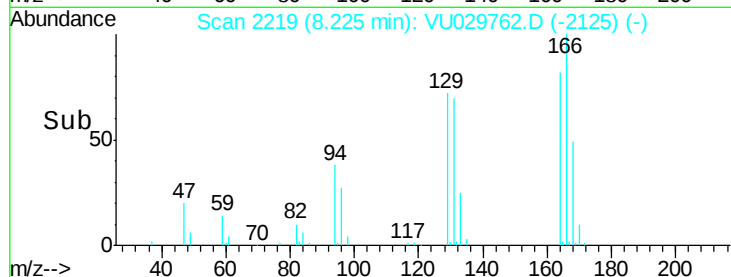
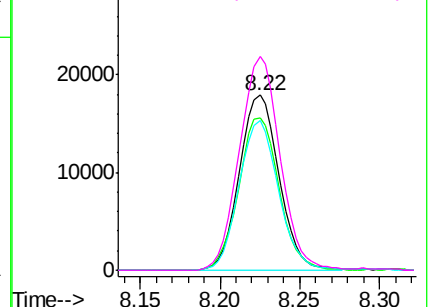


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Chlorobenzene

Concen: 0.361 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU029762.D

Acq: 01 Mar 2019 14:31

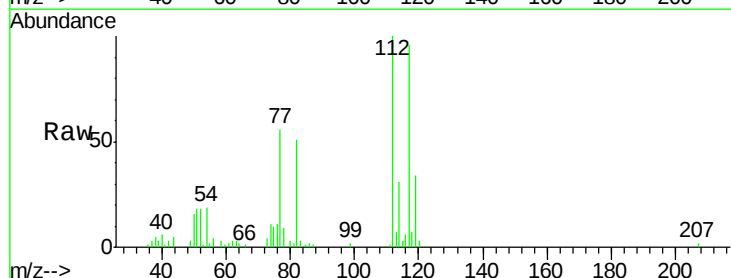
Tgt Ion:112 Resp: 17056

Ion Ratio Lower Upper

112 100

114 31.2 22.3 41.3

77 56.5 42.7 64.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU

