

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU022819\
 Data File : VU029730.D
 Acq On : 28 Feb 2019 12:07
 Operator : JC/SP
 Sample : K1577-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWJW1

Quant Time: Mar 07 01:45:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 00:18:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	253092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	244524	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	121458	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74226	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.68	69	71960	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.27	63	117124	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.19	46	221586	59.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.58%
24) Chloroform-d	4.65	84	144207	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.31	65	81469	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.34	84	330968	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.33	67	102836	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	7.56	98	295093	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.85	79	38269	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	8.31	63	212578	57.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85461	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	127625	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

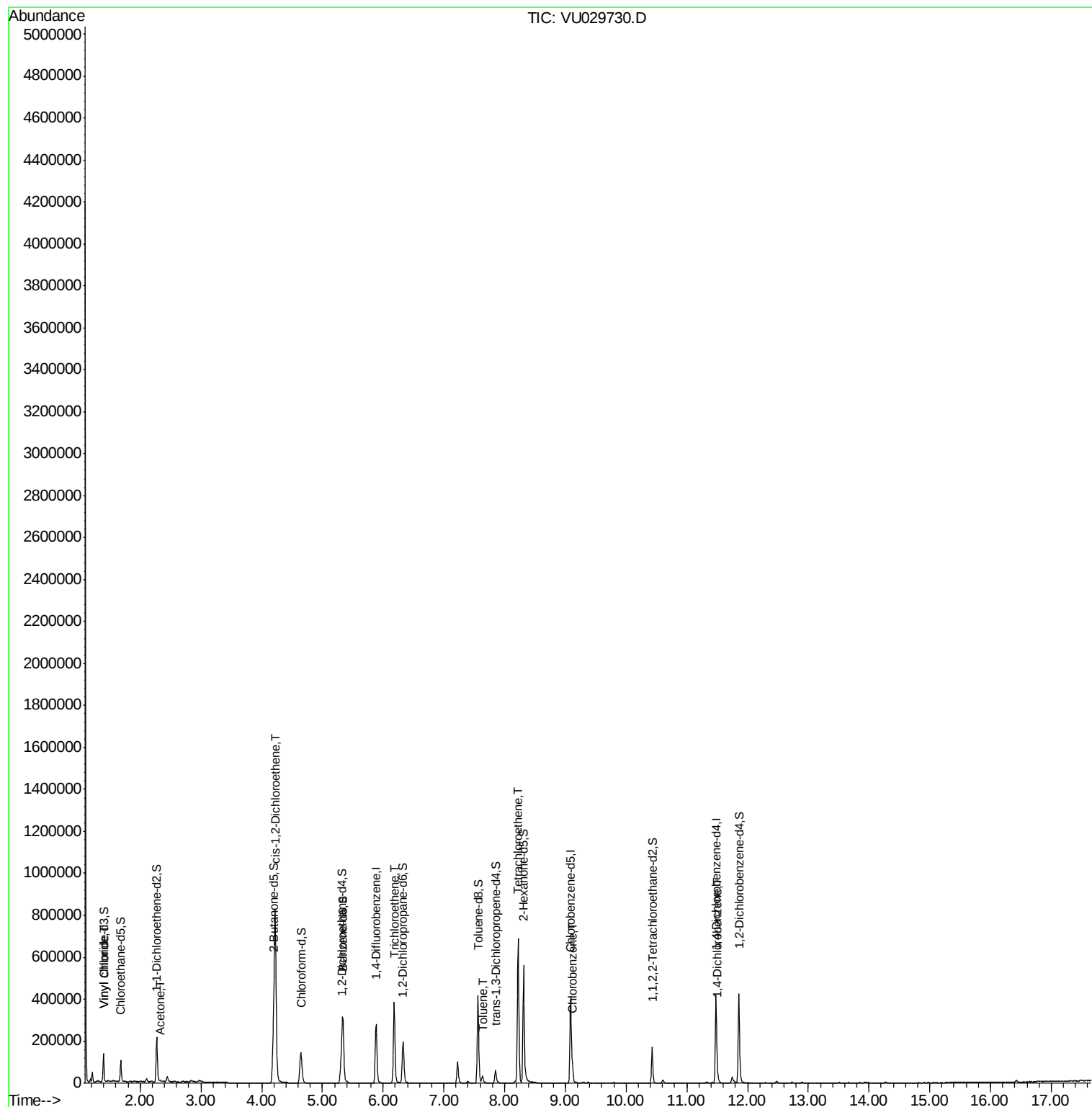
					Ovalue
5) Vinyl chloride	1.40	62	15660	0.726	ug/L 88
13) Acetone	2.32	43	7033	2.620	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	479242	25.611	ug/L 98
34) Trichloroethene	6.18	95	136410	7.562	ug/L 97
42) Toluene	7.64	91	25096	0.342	ug/L 98
47) Tetrachloroethene	8.22	164	164863	9.842	ug/L 99
51) Chlorobenzene	9.12	112	43009	0.854	ug/L 98
63) 1,4-Dichlorobenzene	11.50	146	9831	0.251	ug/L 95

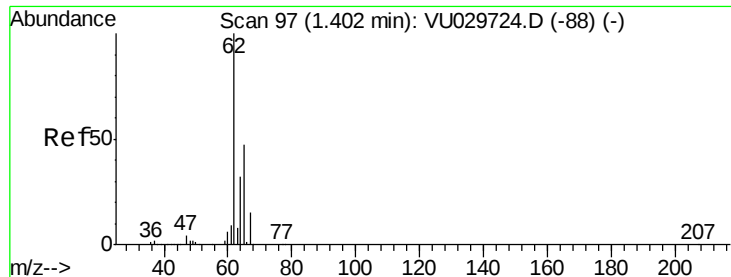
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU022819\
Data File : VU029730.D
Acq On : 28 Feb 2019 12:07
Operator : JC/SP
Sample : K1577-01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJW1

Quant Time: Mar 07 01:45:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.726 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU029730.D

Acq: 28 Feb 2019 12:07

Instrument :

MSVOA_U

ClientSampleId :

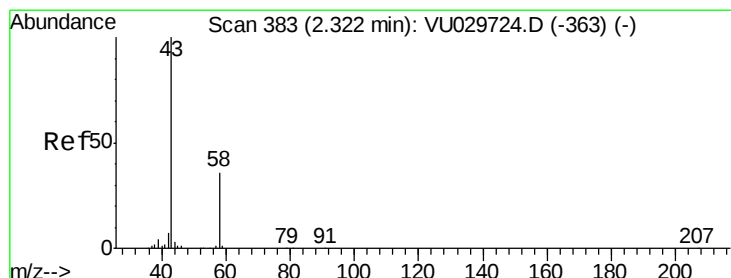
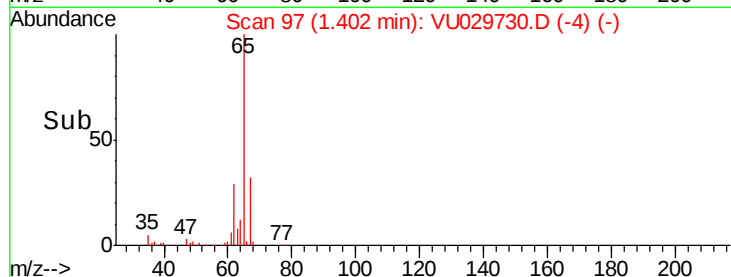
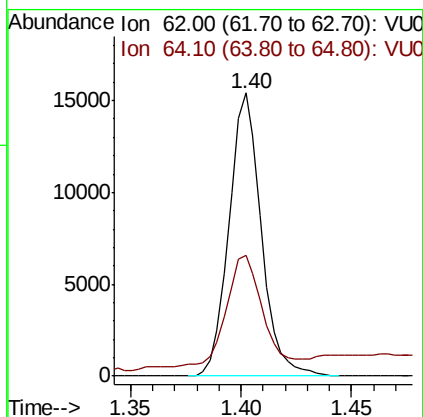
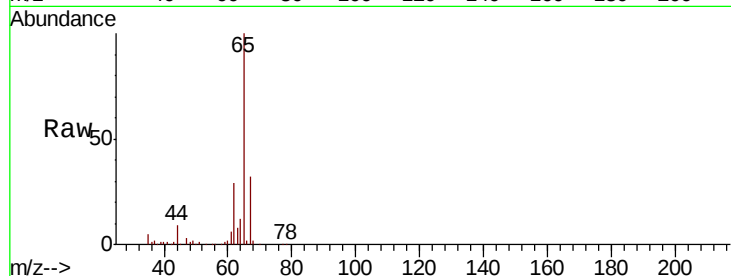
CWJW1

Tot Ion: 62 Resp: 15660

Ion Ratio Lower Upper

62 100

64 42.8 24.8 46.1



#13

Acetone

Concen: 2.620 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029730.D

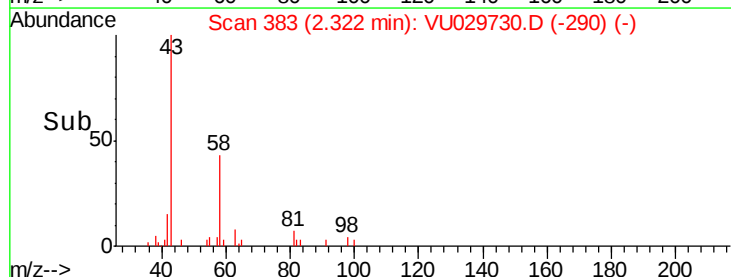
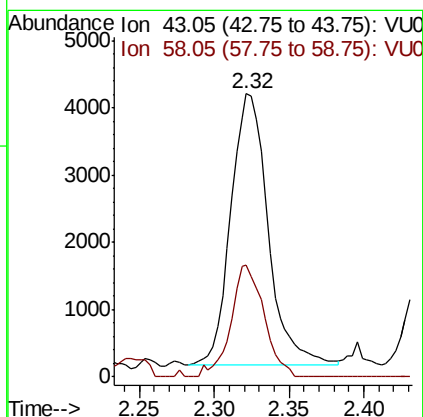
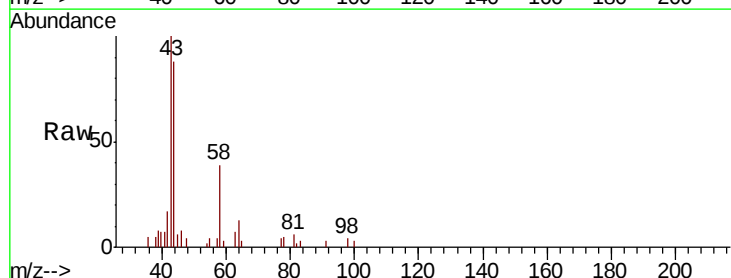
Acq: 28 Feb 2019 12:07

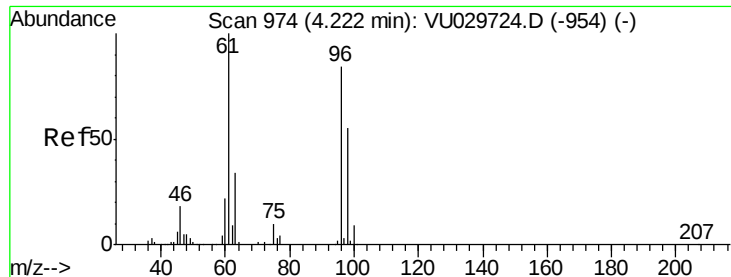
Tgt Ion: 43 Resp: 7033

Ion Ratio Lower Upper

43 100

58 36.4 0.0 70.2



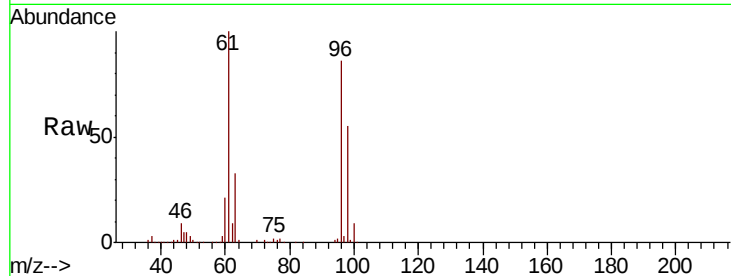


#22

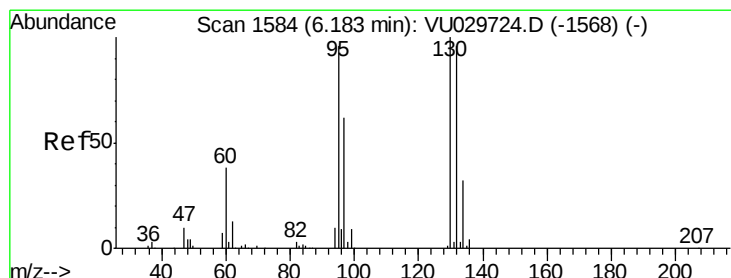
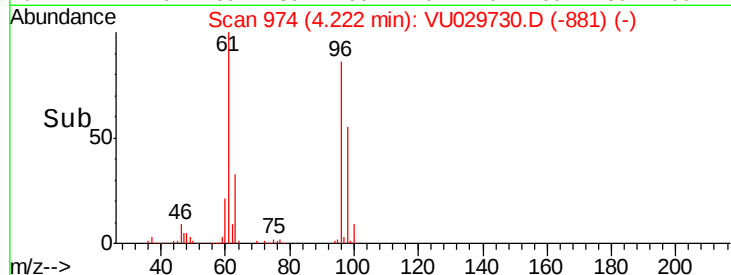
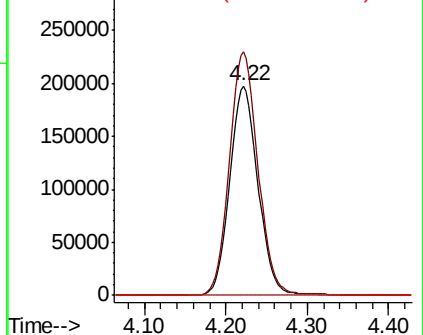
cis-1,2-Dichloroethene
Concen: 25.611 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU029730.D
Acq: 28 Feb 2019 12:07

Instrument :
MSVOA_U
ClientSampleId :
CWJW1

Tot Ion: 96 Resp: 479242
Ion Ratio Lower Upper
96 100
61 116.4 80.2 149.0
68 0.0 0.0 0.0



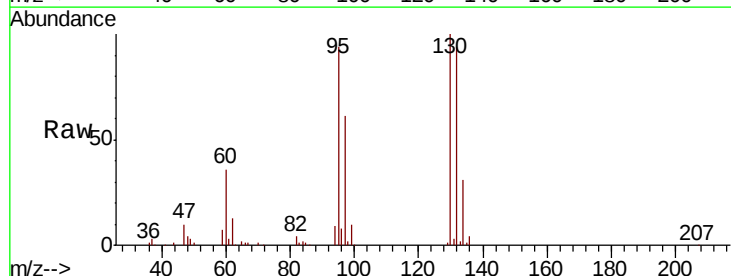
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



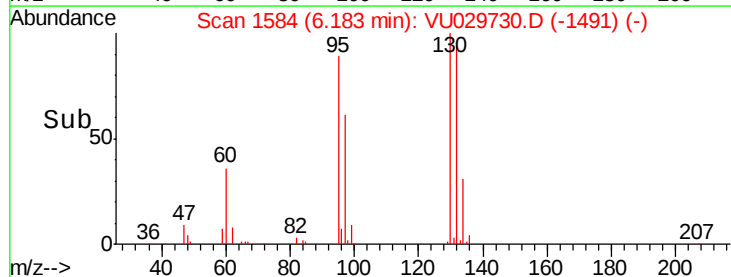
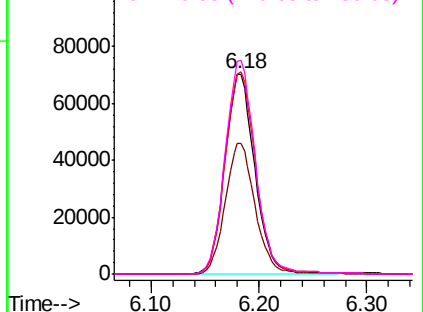
#34

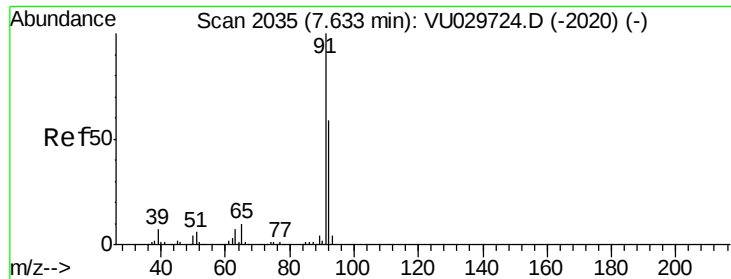
Trichloroethene
Concen: 7.562 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU029730.D
Acq: 28 Feb 2019 12:07

Tgt Ion: 95 Resp: 136410
Ion Ratio Lower Upper
95 100
97 65.5 45.6 84.8
132 100.9 72.9 135.3
130 106.8 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: 0.342 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VU029730.D

Acq: 28 Feb 2019 12:07

Instrument :

MSVOA_U

ClientSampleId :

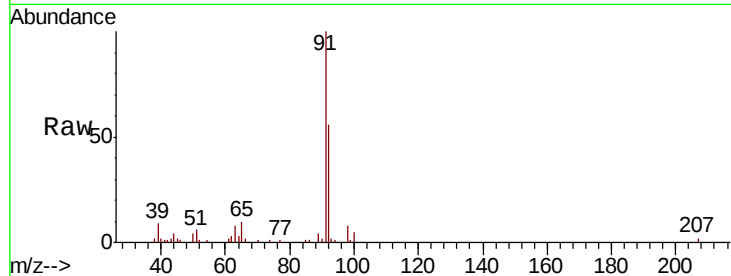
CWJW1

Tot Ion: 91 Resp: 25096

Ion Ratio Lower Upper

91 100

92 55.8 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VU029724.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU029724.D (-2020) (-)

7.64

15000

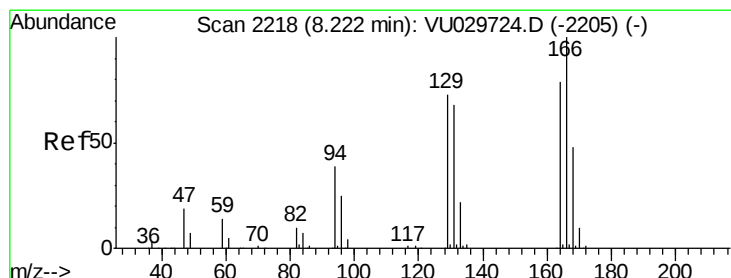
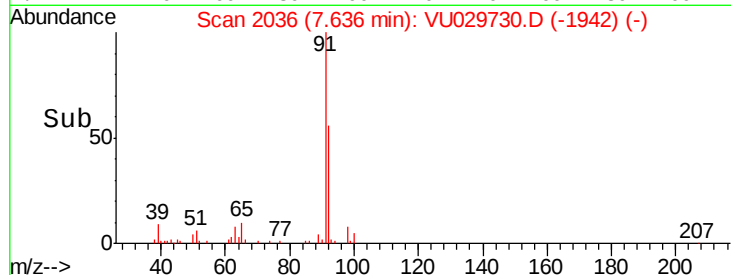
10000

5000

0

Time-->

7.55 7.60 7.65 7.70



#47

Tetrachloroethene

Concen: 9.842 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU029730.D

Acq: 28 Feb 2019 12:07

Tgt Ion: 164 Resp: 164863

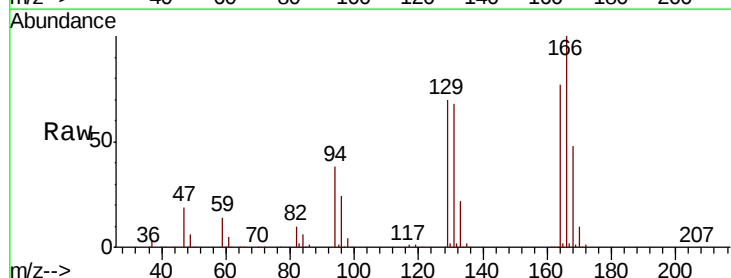
Ion Ratio Lower Upper

164 100

129 90.2 62.9 116.7

131 87.6 61.8 114.8

166 129.6 88.8 164.8



Abundance Ion 163.90 (163.60 to 164.60): VU029724.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VU029724.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VU029724.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VU029724.D (-2205) (-)

200000

150000

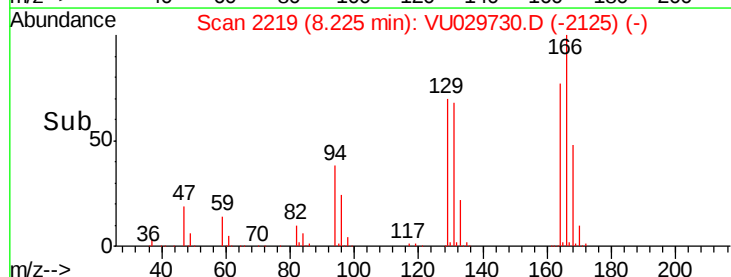
100000

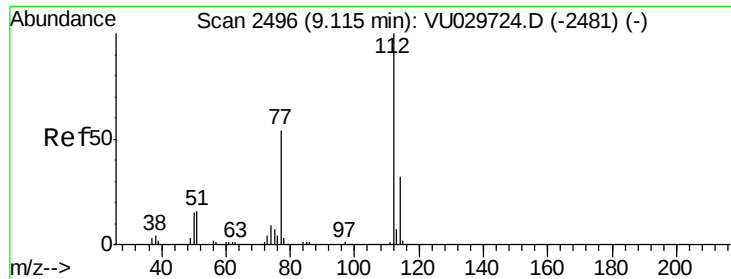
50000

0

Time-->

8.15 8.20 8.25 8.30

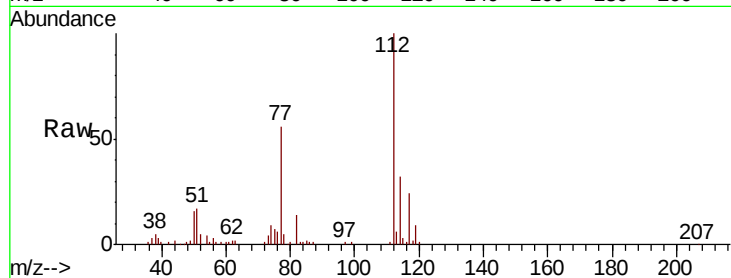




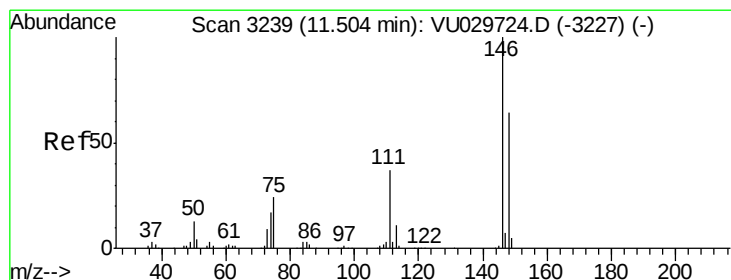
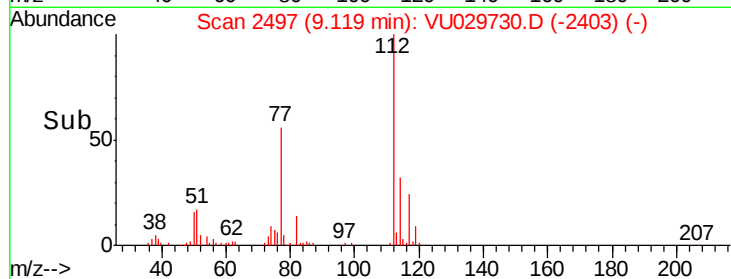
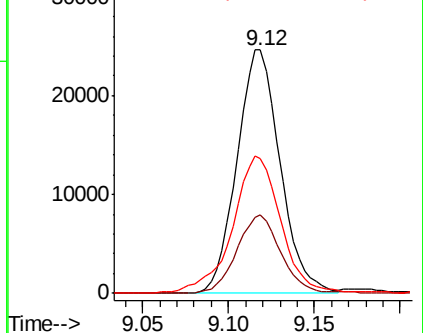
#51
Chlorobenzene
Concen: 0.854 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU029730.D
Acq: 28 Feb 2019 12:07

Instrument :
MSVOA_U
ClientSampleId :
CWJW1

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.3	41.3
77	55.5	42.7	64.1

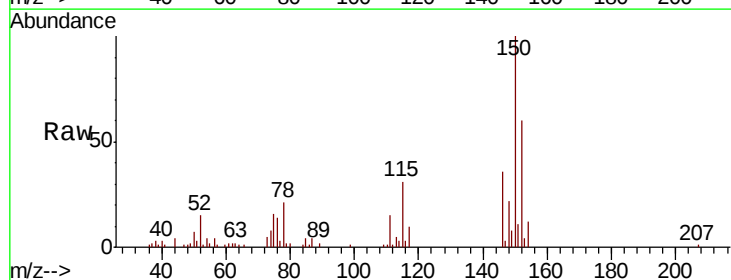


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#63
1,4-Dichlorobenzene
Concen: 0.251 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU029730.D
Acq: 28 Feb 2019 12:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	25.4	47.2
148	60.3	43.7	81.1



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

