

Data File : VU029732.D
Acq On : 28 Feb 2019 12:54
Operator : JC/SP
Sample : K1577-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CWJW3

Quant Time: Mar 01 00:23:14 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	262112	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	255583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	126548	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75536	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.68	69	73207	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.27	63	118043	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.19	46	219476	56.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.42%
24) Chloroform-d	4.64	84	151569	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.31	65	82766	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.33	84	334644	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.33	67	102641	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.56	98	301986	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.85	79	37772	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.31	63	212943	55.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86021	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	128243	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1218	0.060 ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1118	0.057 ug/L #	1
13) Acetone	2.32	43	8054	2.897 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	1901	0.098 ug/L	88
25) Chloroform	4.67	83	7391	0.224 ug/L	99
33) Benzene	5.38	78	3806	0.056 ug/L	100
34) Trichloroethene	6.18	95	77160	4.092 ug/L	98
37) 1,2-Dichloropropane	6.33	63	10732	0.631 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2446	0.098 ug/L #	56
42) Toluene	7.63	91	269501	3.518 ug/L	98
48) 2-Hexanone	8.31	43	21283	3.043 ug/L #	67
49) Dibromochloromethane	8.22	129	1065	0.066 ug/L #	12
52) Ethylbenzene	9.25	91	3599	0.042 ug/L	92
53) m,p-xylene	9.38	106	4575	0.133 ug/L	81
59) 1,2,3-Trichloropropane	11.48	75	13641	1.201 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU022819\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 00:18:18 2019
Response via : Initial Calibration

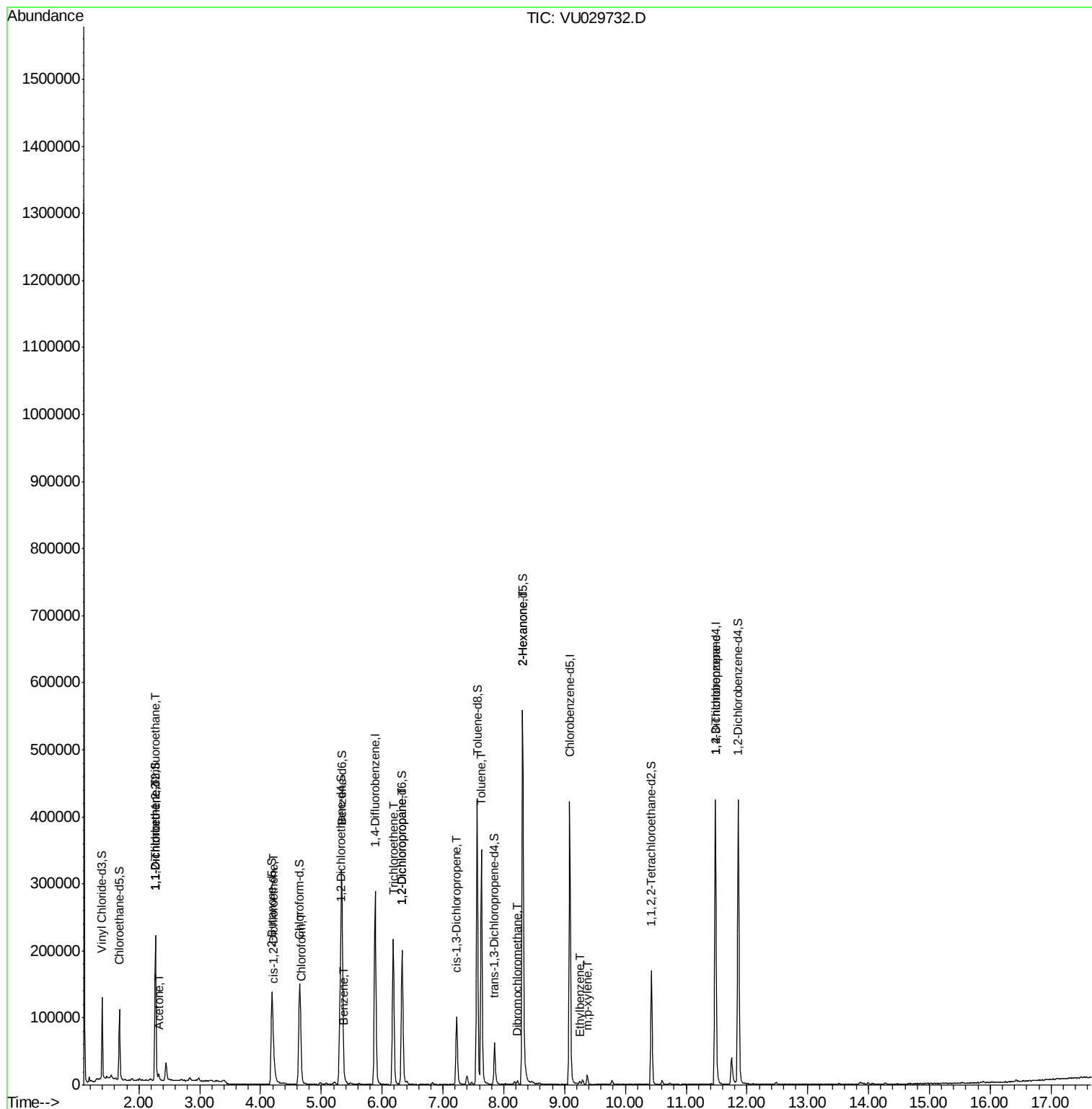
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

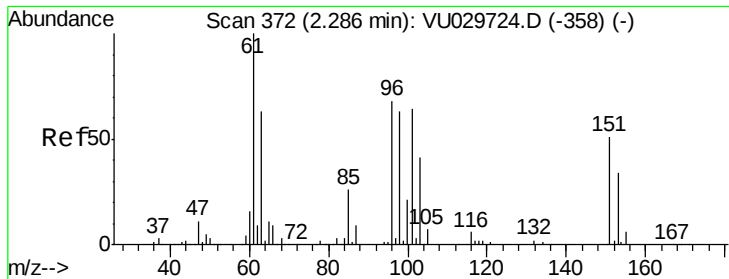
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#10

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

Concen: 0.060 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029732.D

Acq: 28 Feb 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

CWJW3

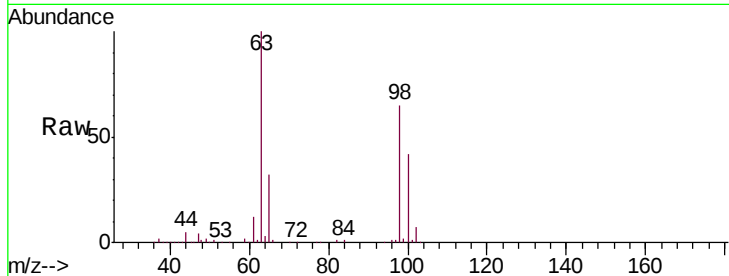
Tgt Ion: 101 Resp: 1218

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

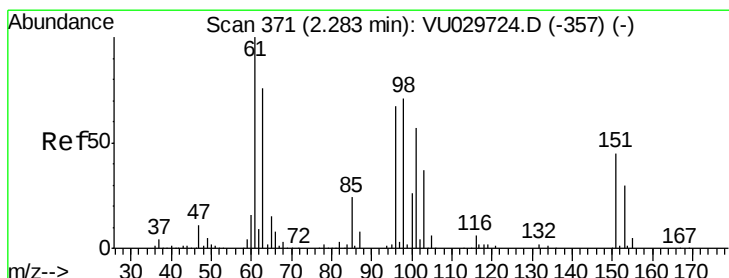
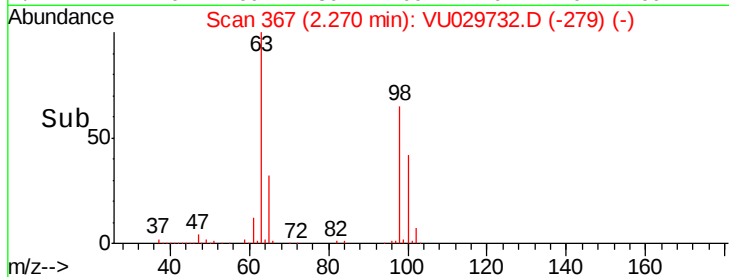
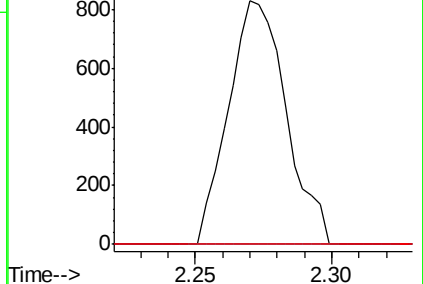
151 0.0 65.9 98.9#



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: 0.057 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029732.D

Acq: 28 Feb 2019 12:54

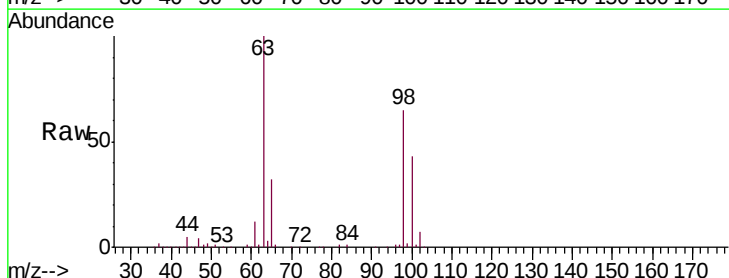
Tgt Ion: 96 Resp: 1118

Ion Ratio Lower Upper

96 100

61 1348.3 111.3 206.7#

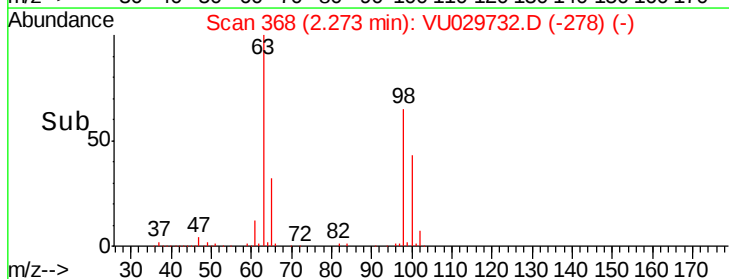
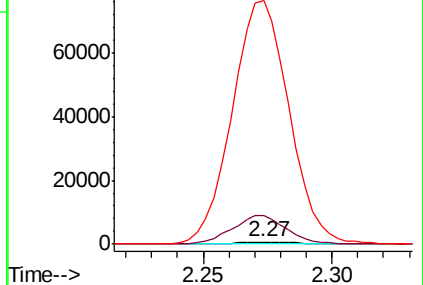
63 11393.1 88.5 164.3#

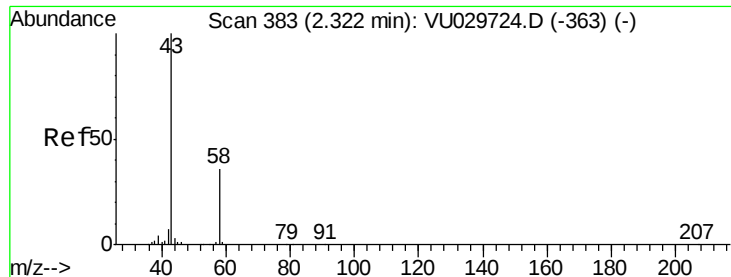


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.897 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029732.D

Acq: 28 Feb 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

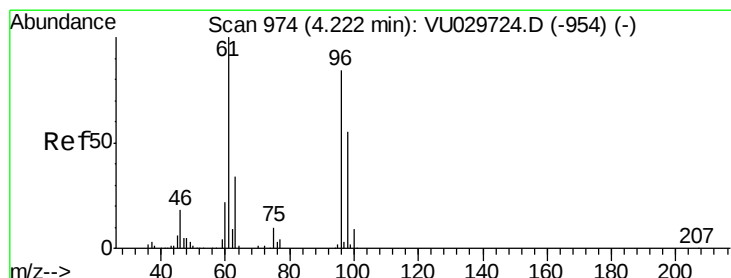
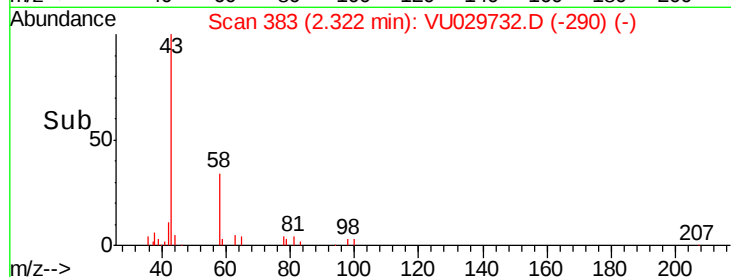
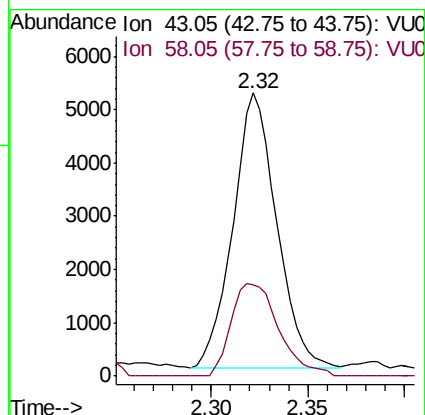
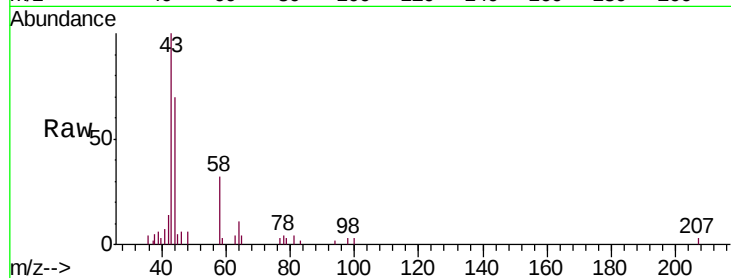
CWJW3

Tgt Ion: 43 Resp: 8054

Ion Ratio Lower Upper

43 100

58 36.8 0.0 70.2



#22

cis-1,2-Dichloroethene

Concen: 0.098 ug/L

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029732.D

Acq: 28 Feb 2019 12:54

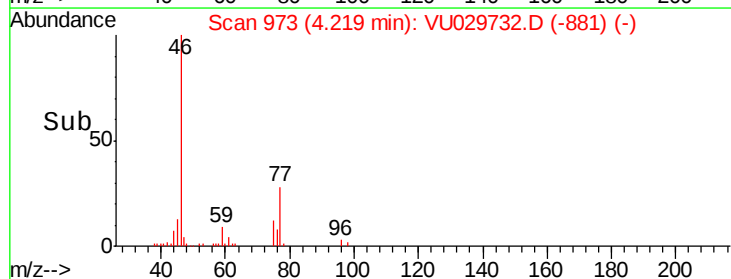
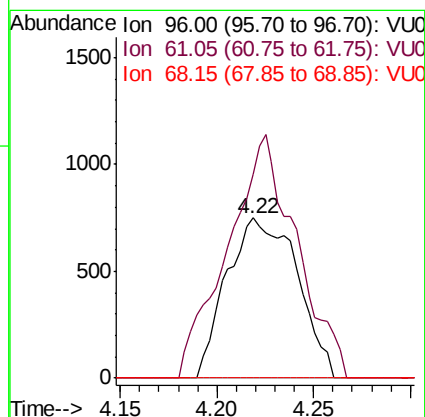
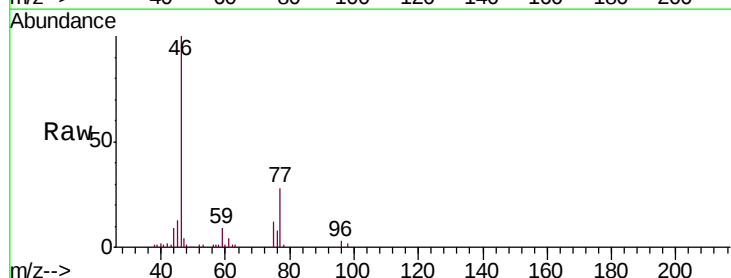
Tgt Ion: 96 Resp: 1901

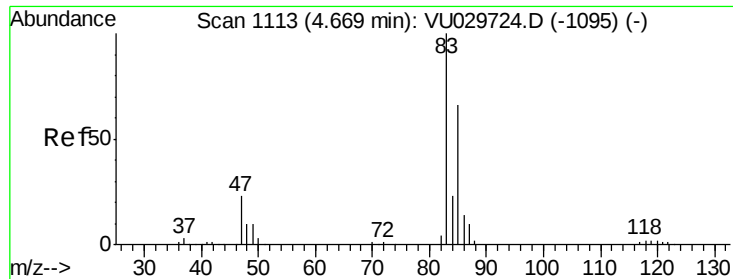
Ion Ratio Lower Upper

96 100

61 127.6 80.2 149.0

68 0.0 0.0 0.0

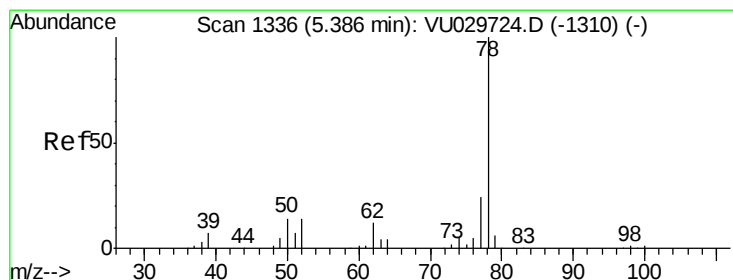
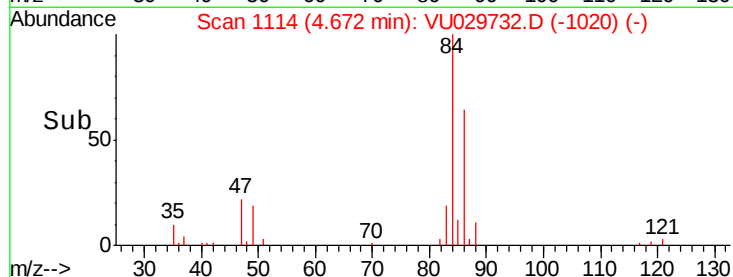
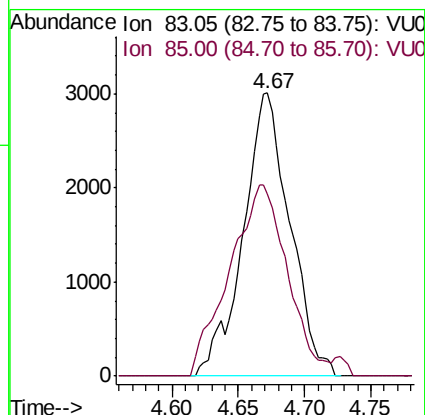
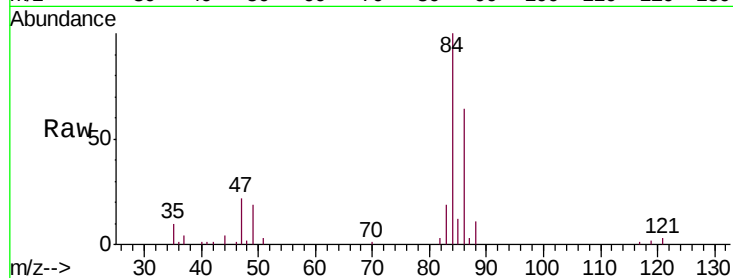




#25
Chloroform
Concen: 0.224 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029732.D
Acq: 28 Feb 2019 12:54

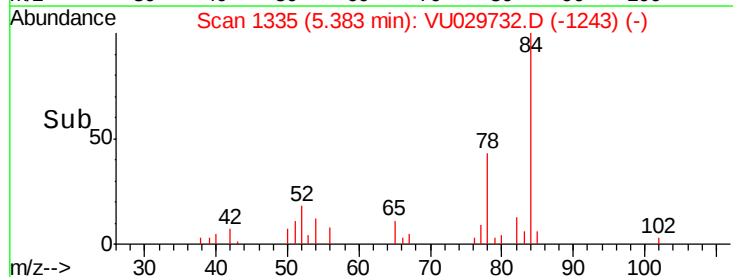
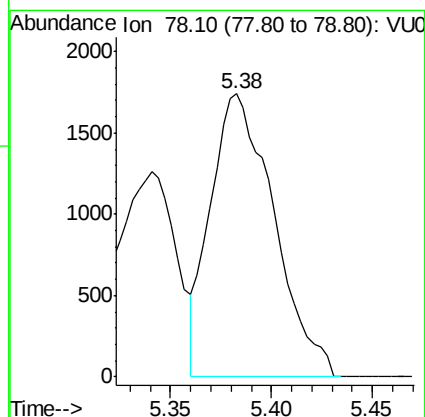
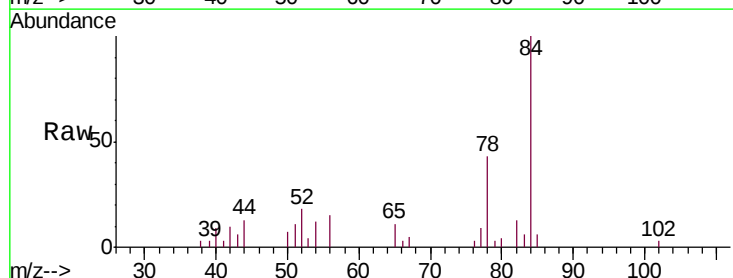
Instrument :
MSVOA_U
ClientSampleId :
CWJW3

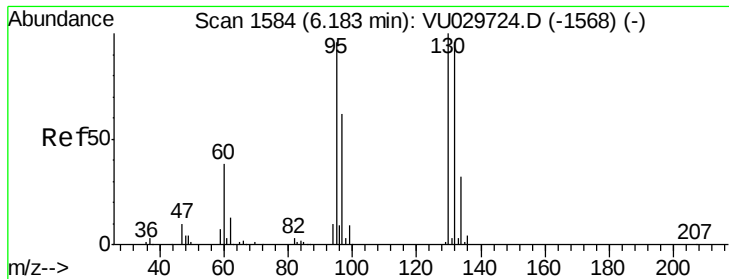
Tgt Ion: 83 Resp: 7391
Ion Ratio Lower Upper
83 100
85 64.4 45.6 84.6



#33
Benzene
Concen: 0.056 ug/L
RT: 5.38 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VU029732.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 78 Resp: 3806





#34

Trichloroethene

Concen: 4.092 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029732.D

Acq: 28 Feb 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

CWJW3

Tgt Ion: 95 Resp: 77160

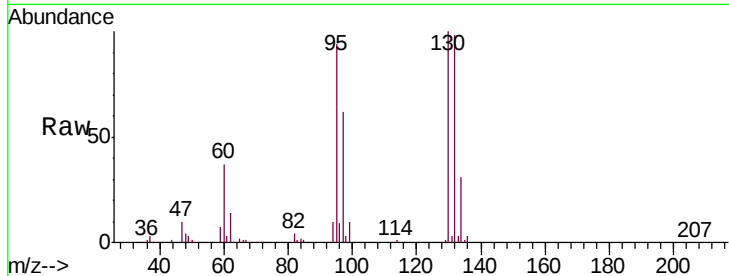
Ion Ratio Lower Upper

95 100

97 65.8 45.6 84.8

132 103.7 72.9 135.3

130 106.3 77.5 143.9

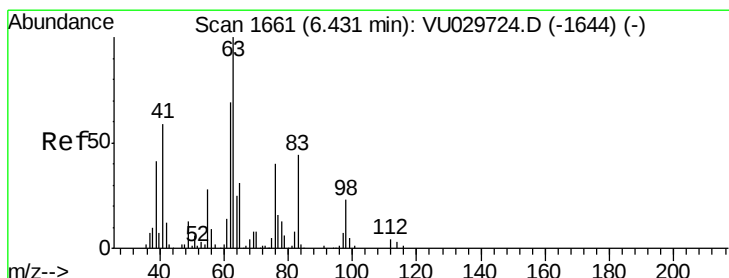
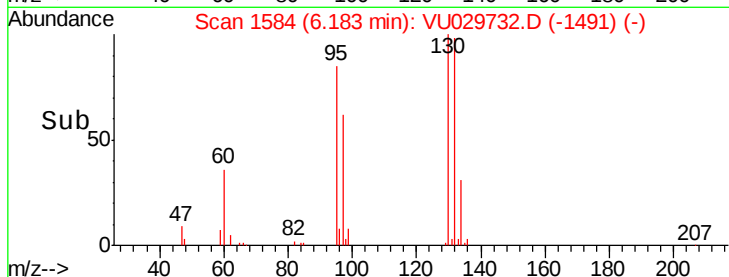
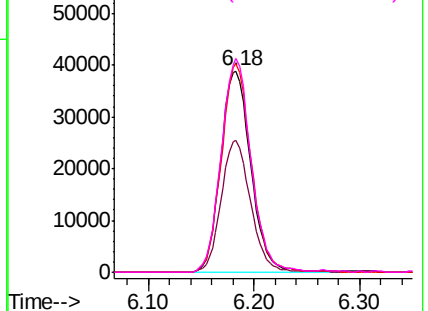


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029732.D

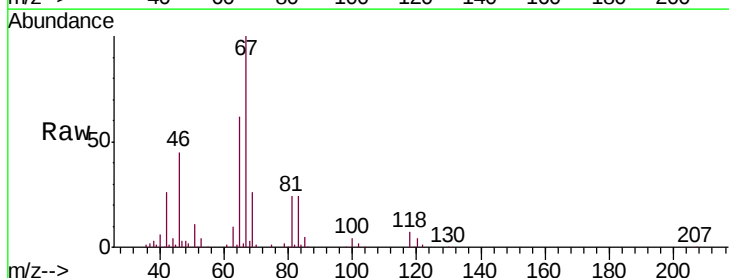
Acq: 28 Feb 2019 12:54

Tgt Ion: 63 Resp: 10732

Ion Ratio Lower Upper

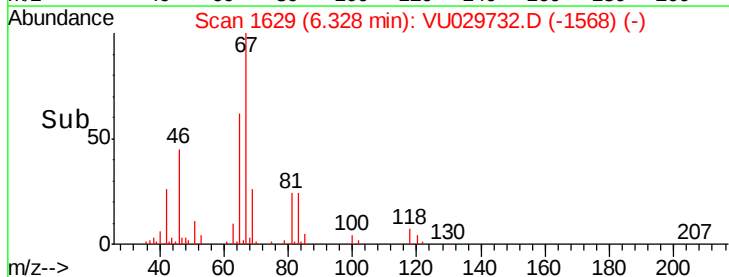
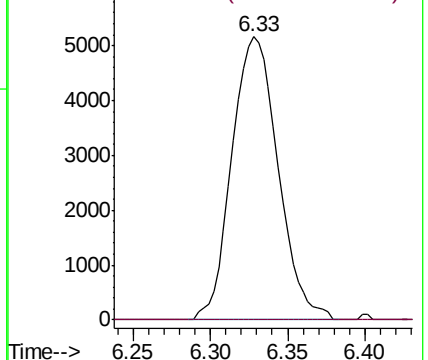
63 100

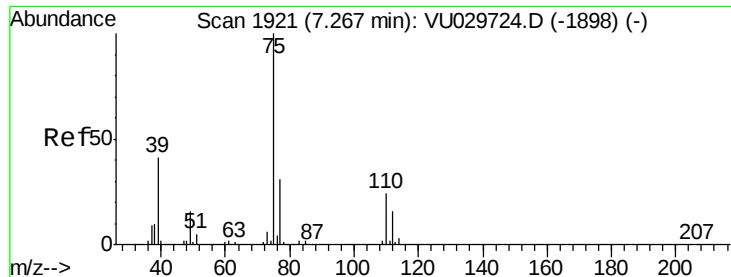
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V

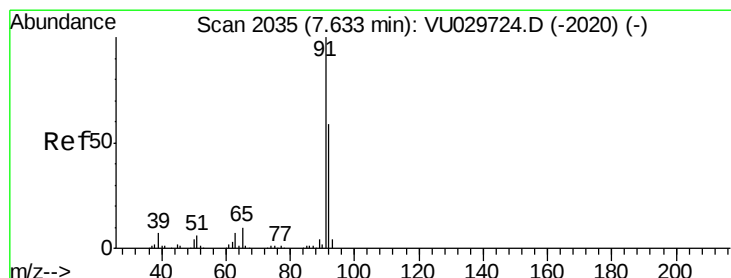
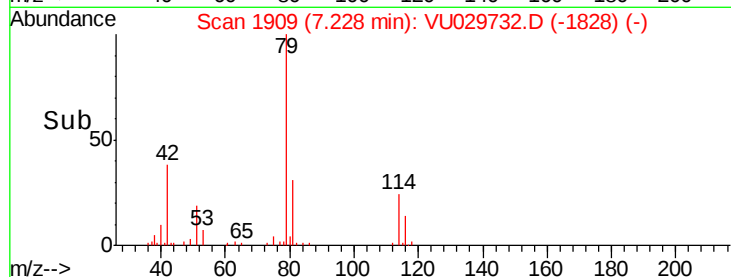
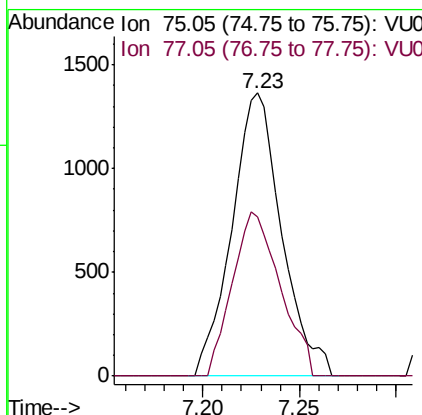
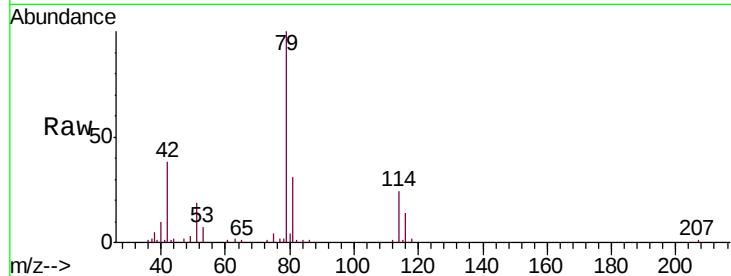




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU029732.D
 Acq: 28 Feb 2019 12:54

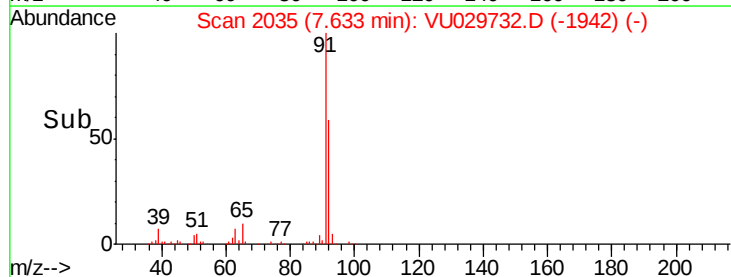
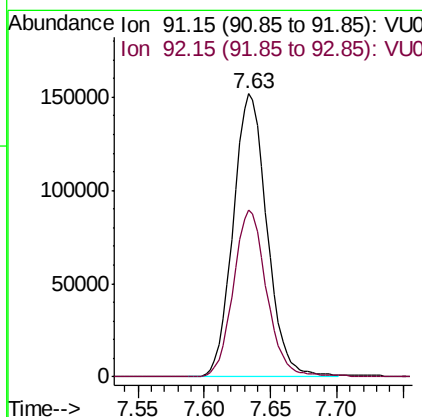
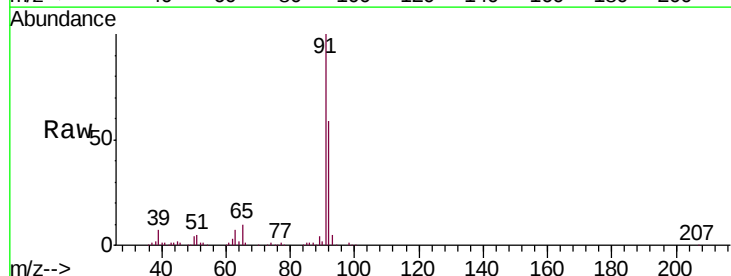
Instrument :
 MSVOA_U
 ClientSampled :
 CWJW3

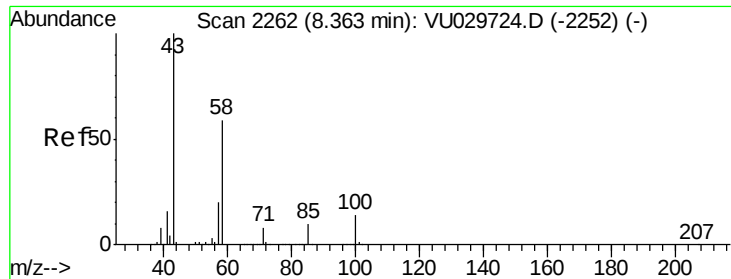
Tgt Ion: 75 Resp: 2446
 Ion Ratio Lower Upper
 75 100
 77 56.2 22.3 41.5#



#42
 Toluene
 Concen: 3.518 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU029732.D
 Acq: 28 Feb 2019 12:54

Tgt Ion: 91 Resp: 269501
 Ion Ratio Lower Upper
 91 100
 92 59.0 40.1 74.5

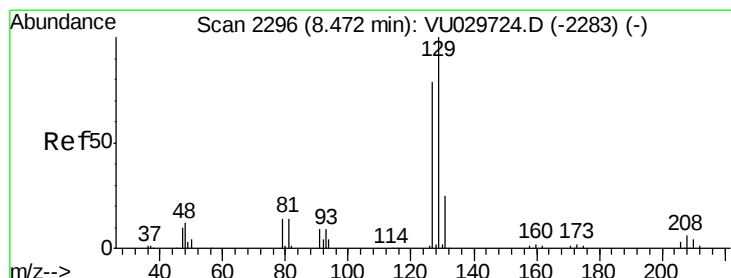
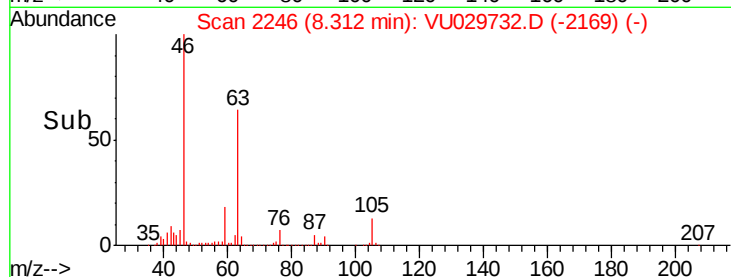
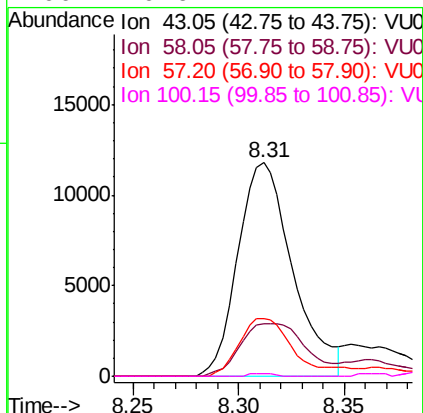
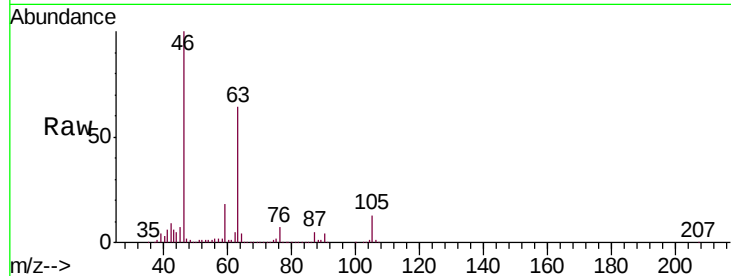




#48
2-Hexanone
Concen: 3.043 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029732.D
Acq: 28 Feb 2019 12:54

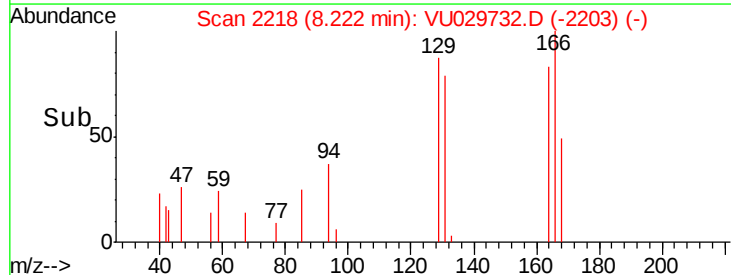
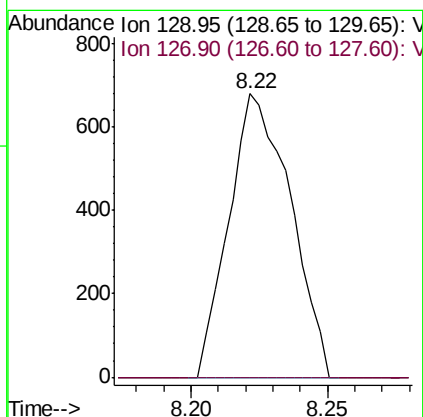
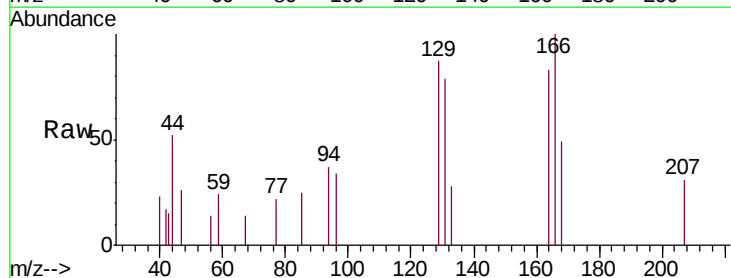
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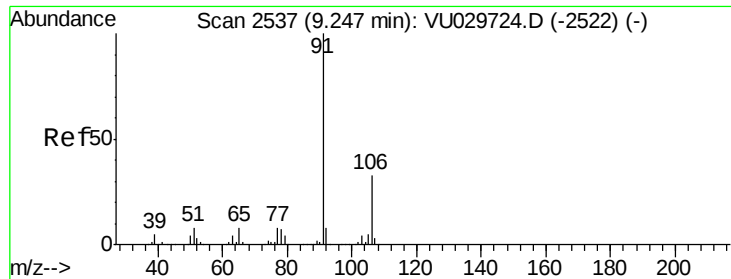
Tgt Ion: 43 Resp: 21283
Ion Ratio Lower Upper
43 100
58 29.1 46.6 69.8#
57 27.5 15.9 23.9#
100 0.6 11.4 17.2#



#49
Dibromochloromethane
Concen: 0.066 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU029732.D
Acq: 28 Feb 2019 12:54

Tgt Ion: 129 Resp: 1065
Ion Ratio Lower Upper
129 100
127 0.0 52.5 97.5#





#52

Ethylbenzene

Concen: 0.042 ug/L

RT: 9.25 min Scan# 2538

Delta R.T. 0.00 min

Lab File: VU029732.D

Acq: 28 Feb 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

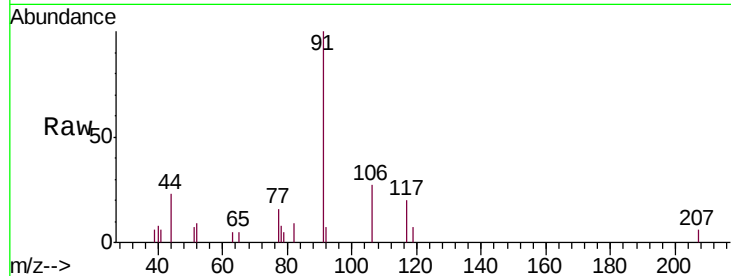
CWJW3

Tgt Ion: 91 Resp: 3599

Ion Ratio Lower Upper

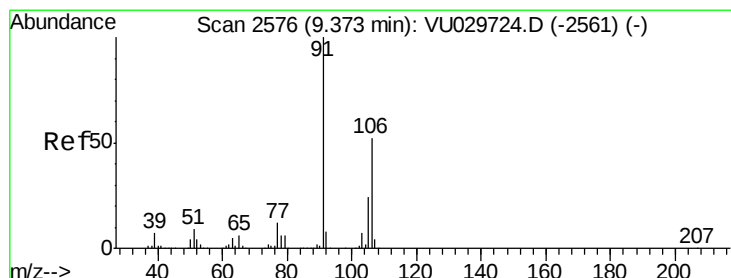
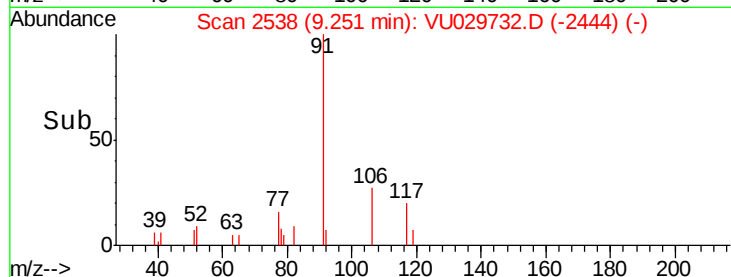
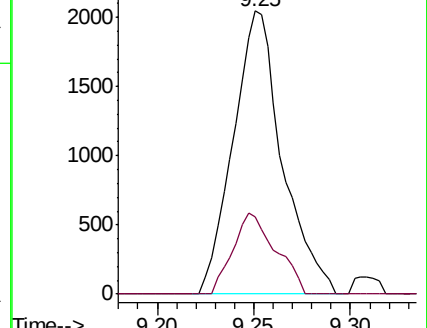
91 100

106 27.3 22.1 41.1



Abundance Ion 91.15 (90.85 to 91.85): VU029724.D (-2522) (-)

Ion 106.15 (105.85 to 106.85): VU029724.D (-2522) (-)



#53

m,p-xylene

Concen: 0.133 ug/L

RT: 9.38 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VU029732.D

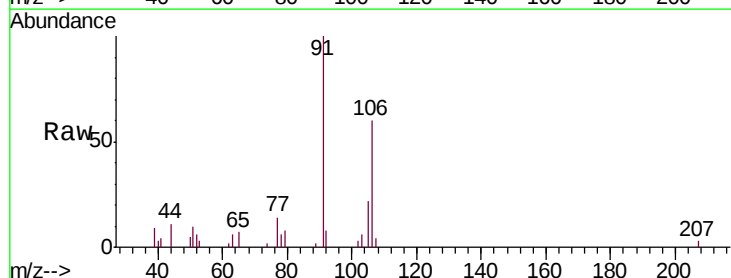
Acq: 28 Feb 2019 12:54

Tgt Ion: 106 Resp: 4575

Ion Ratio Lower Upper

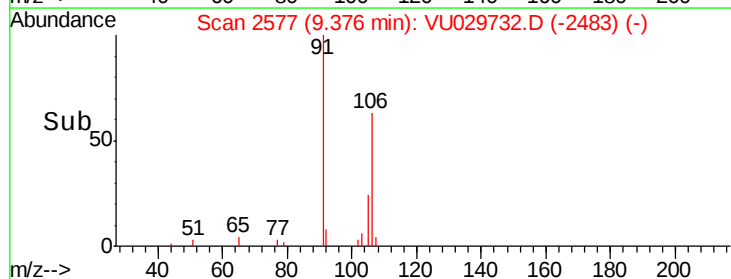
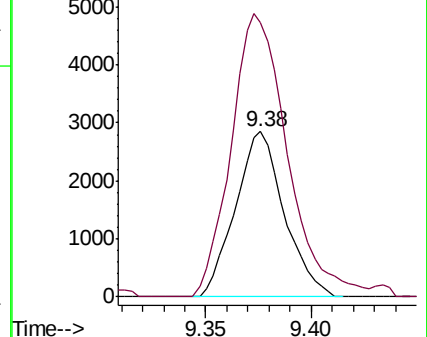
106 100

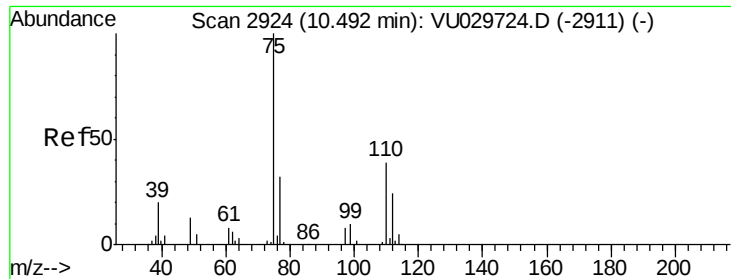
91 166.0 136.0 252.6



Abundance Ion 106.15 (105.85 to 106.85): VU029724.D (-2561) (-)

Ion 91.15 (90.85 to 91.85): VU029724.D (-2561) (-)





#59

1,2,3-Trichloropropane

Concen: 1.201 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029732.D

Acq: 28 Feb 2019 12:54

Instrument :

MSVOA_U

ClientSampleId :

CWJW3

Tgt Ion: 75 Resp: 13641

Ion Ratio Lower Upper

75 100

77 35.6 25.6 38.4

