

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081318\
 Data File : VU026060.D
 Acq On : 13 Aug 2018 11:54
 Operator : MD/SY
 Sample : J4401-16MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 14 01:14:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 01:13:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	275533	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	256175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	114299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	98198	48.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.52%
7) Chloroethane-d5	1.67	69	81974	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.68%
11) 1,1-Dichloroethene-d2	2.27	63	197991	51.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.46%
21) 2-Butanone-d5	4.18	46	155171	92.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.44%
24) Chloroform-d	4.65	84	215438	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
26) 1,2-Dichloroethane-d4	5.31	65	145755	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
32) Benzene-d6	5.35	84	419447	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
36) 1,2-Dichloropropane-d6	6.33	67	136454	53.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.02%
41) Toluene-d8	7.57	98	386139	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%
43) trans-1,3-Dichloropropene-	7.85	79	66984	51.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.30%
47) 2-Hexanone-d5	8.31	63	108945	93.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.19%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	184572	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	11.86	152	152363	54.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.14%

Target Compounds

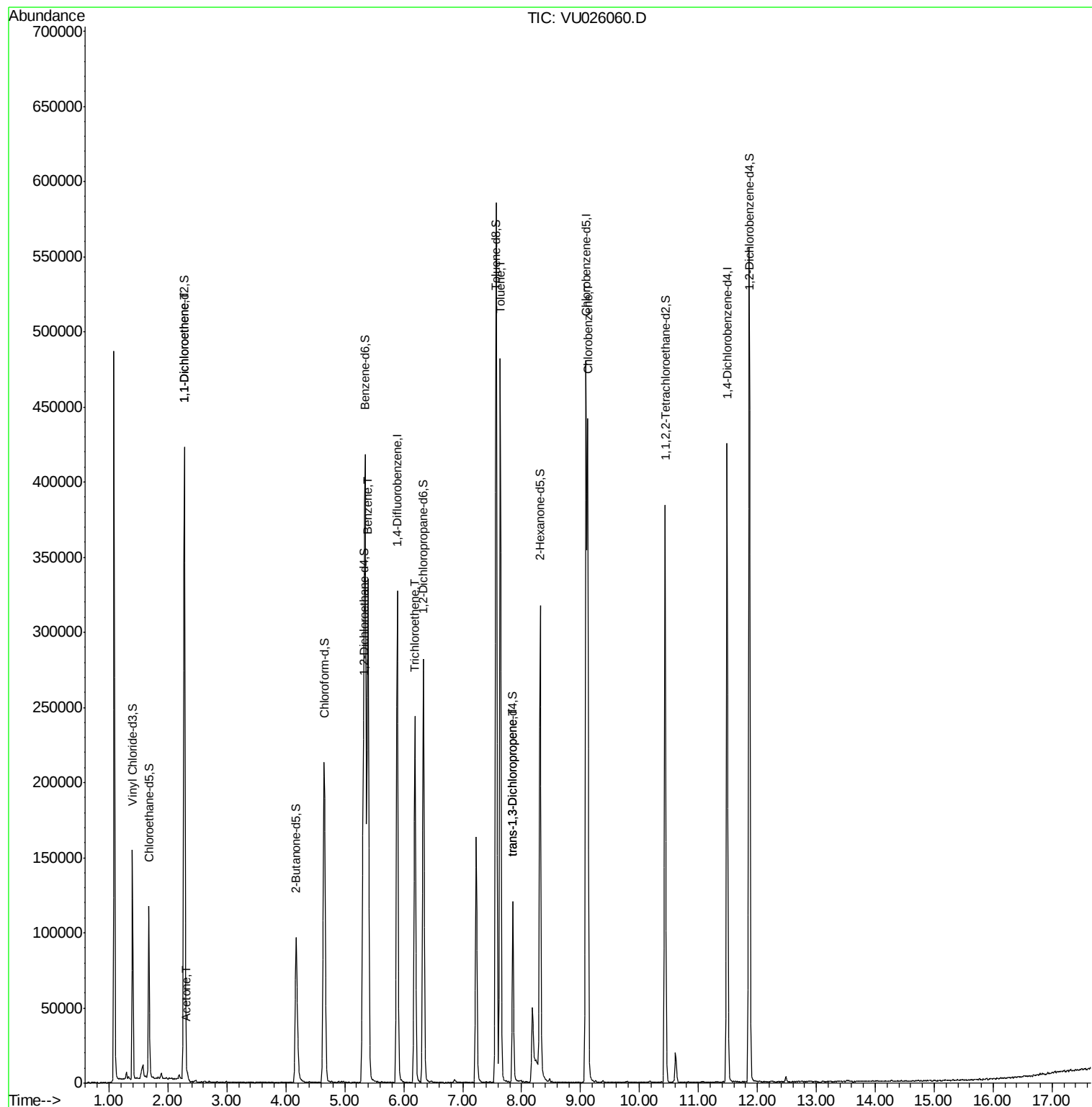
					Ovalue
12) 1,1-Dichloroethene	2.28	96	72233	45.407 ug/L	95
13) Acetone	2.32	43	1744	1.672 ug/L	99
33) Benzene	5.39	78	325269	44.580 ug/L	100
34) Trichloroethene	6.19	95	81812	42.920 ug/L	98
42) Toluene	7.64	91	350144	45.211 ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	3751	1.302 ug/L	90
51) Chlorobenzene	9.12	112	229978	44.041 ug/L	99

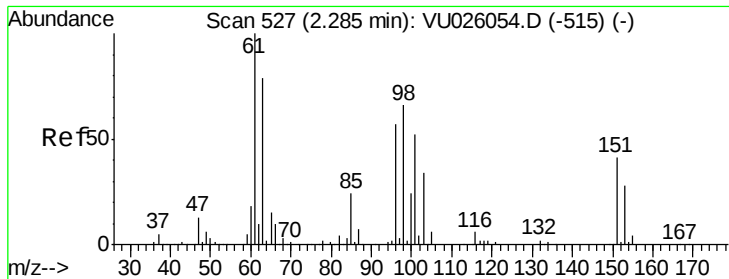
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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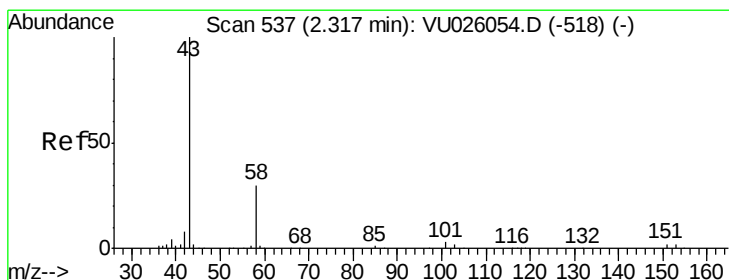
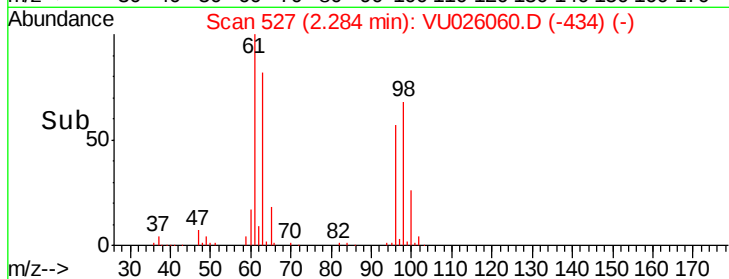
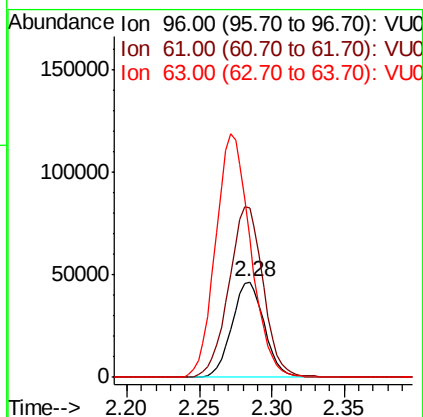
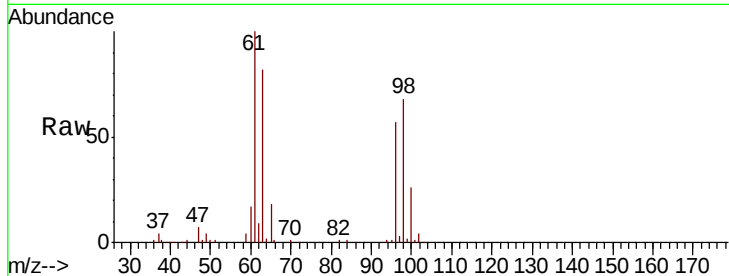




#12
 1,1-Dichloroethene
 Concen: 45.407 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU026060.D
 Acq: 13 Aug 2018 11:54

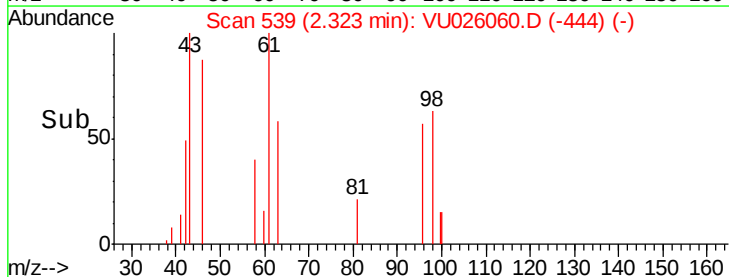
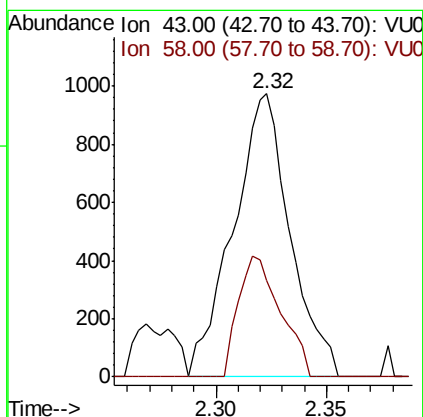
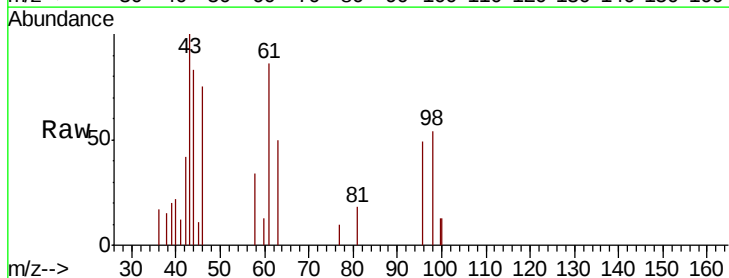
Instrument :
 MSVOA_U
 ClientSampleId :

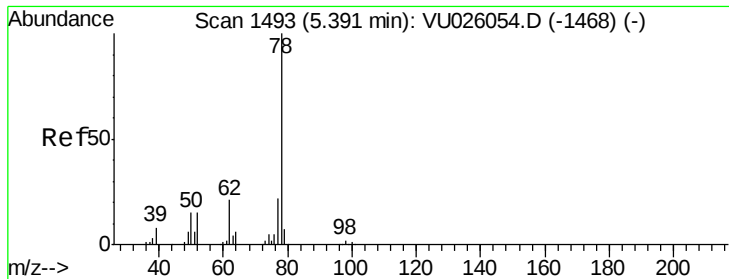
Tot Ion	Resp	Lower	Upper
96	100		
61	176.5	121.2	225.2
63	145.5	108.7	201.9



#13
 Acetone
 Concen: 1.672 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.01 min
 Lab File: VU026060.D
 Acq: 13 Aug 2018 11:54

Tgt Ion	Resp	Lower	Upper
43	100		
58	31.6	0.0	61.8





#33

Benzene

Concen: 44.580 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU026060.D

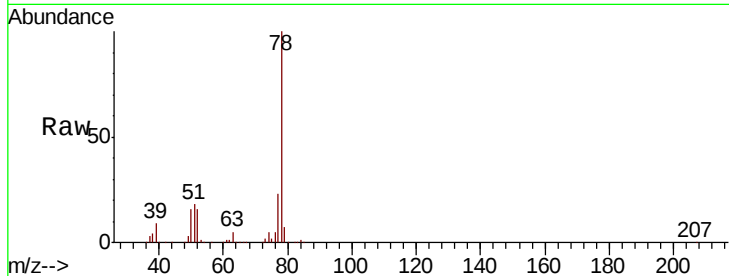
Acq: 13 Aug 2018 11:54

Instrument :

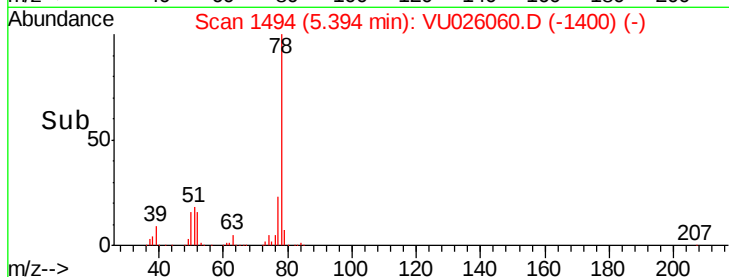
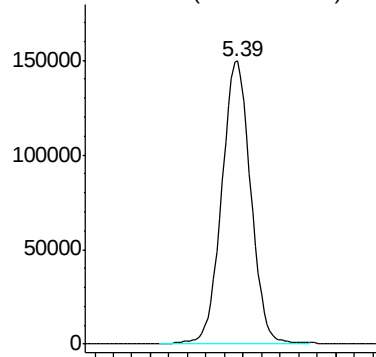
MSVOA_U

ClientSampleId :

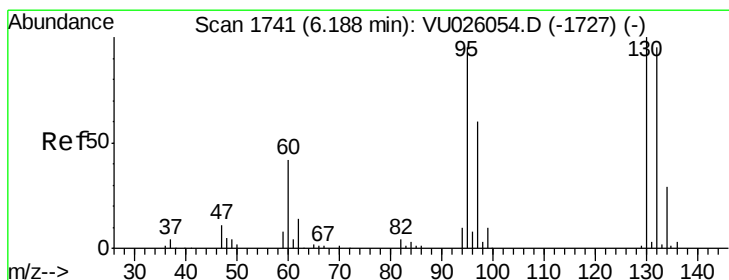
Tgt Ion: 78 Resp: 325269



Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



#34

Trichloroethene

Concen: 42.920 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026060.D

Acq: 13 Aug 2018 11:54

Tgt Ion: 95 Resp: 81812

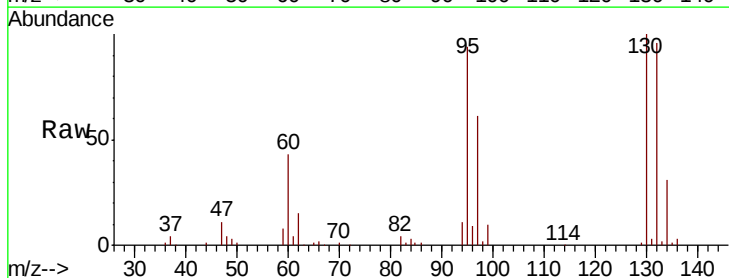
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.2	84.0
132	101.6	68.2	126.6
130	106.2	73.8	137.2

95 100

97 64.4 45.2 84.0

132 101.6 68.2 126.6

130 106.2 73.8 137.2

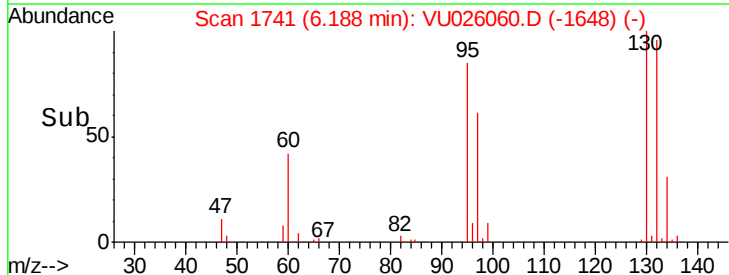
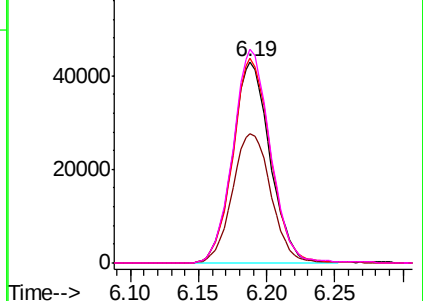


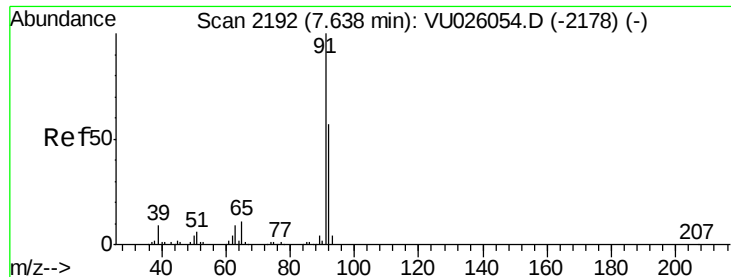
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 45.211 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026060.D

Acq: 13 Aug 2018 11:54

Instrument :

MSVOA_U

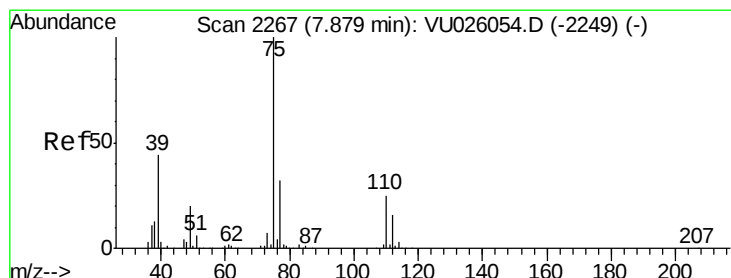
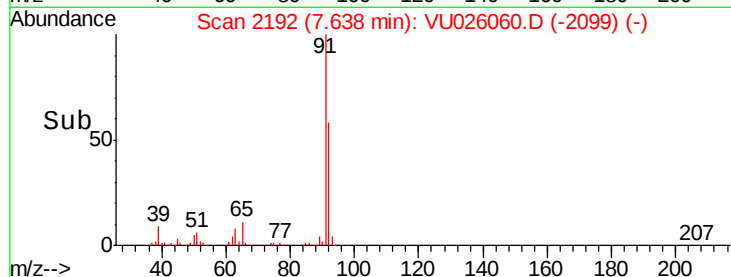
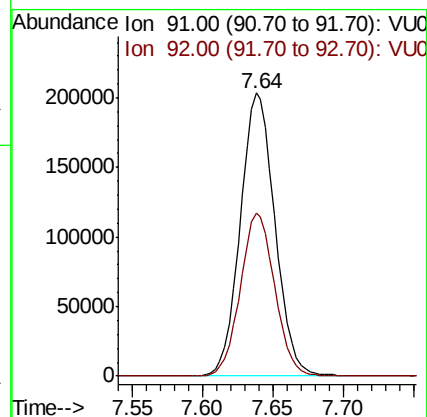
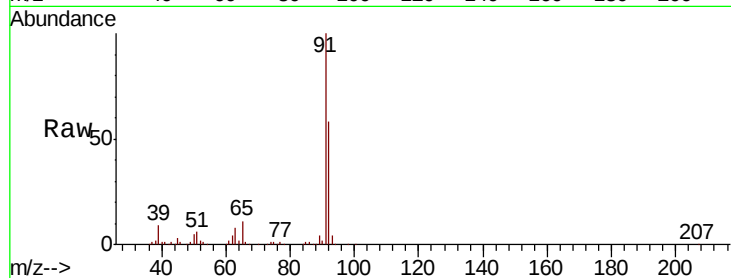
ClientSampleId :

Tot Ion: 91 Resp: 350144

Ion Ratio Lower Upper

91 100

92 57.8 41.0 76.2



#44

trans-1,3-Dichloropropene

Concen: 1.302 ug/L

RT: 7.85 min Scan# 2258

Delta R.T. -0.03 min

Lab File: VU026060.D

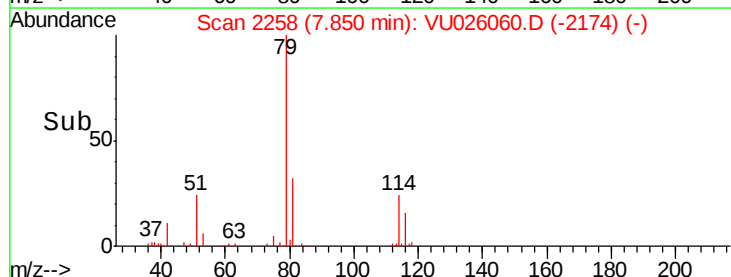
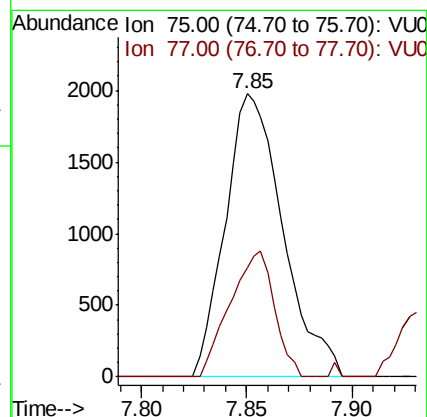
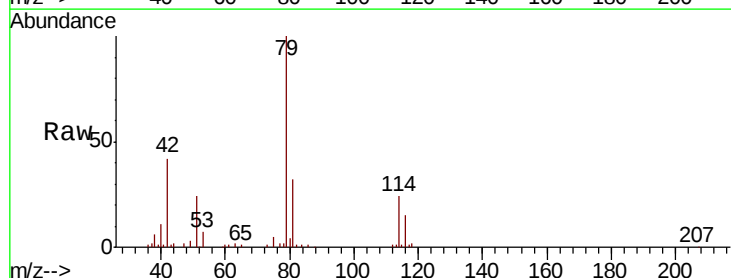
Acq: 13 Aug 2018 11:54

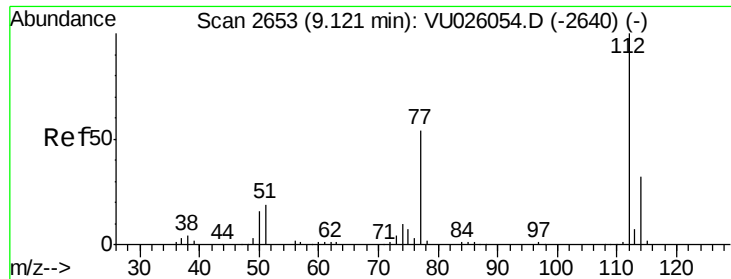
Tgt Ion: 75 Resp: 3751

Ion Ratio Lower Upper

75 100

77 38.7 23.0 42.6





#51
 Chlorobenzene
 Concen: 44.041 ug/L
 RT: 9.12 min Scan# 2653
 Delta R.T. -0.00 min
 Lab File: VU026060.D
 Acq: 13 Aug 2018 11:54

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.3
77	56.2	45.2	67.8

