

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
 Data File : VU026113.D
 Acq On : 14 Aug 2018 20:20
 Operator : MD/SY
 Sample : J4402-15MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZJ2MSD

Quant Time: Aug 14 21:04:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 14 02:18:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	250322	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	236741	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	103705	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	67694	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.00%
7) Chloroethane-d5	1.67	69	62016	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.50%
11) 1,1-Dichloroethene-d2	2.27	63	144993	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.40%
21) 2-Butanone-d5	4.18	46	167192	109.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.63%
24) Chloroform-d	4.65	84	178170	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.31	65	124565	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
32) Benzene-d6	5.35	84	331807	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.28%
36) 1,2-Dichloropropane-d6	6.33	67	114400	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.18%
41) Toluene-d8	7.57	98	291903	41.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.85	79	54256	45.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.54%
47) 2-Hexanone-d5	8.31	63	122133	113.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.04%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174437	50.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	125550	49.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.22%

Target Compounds

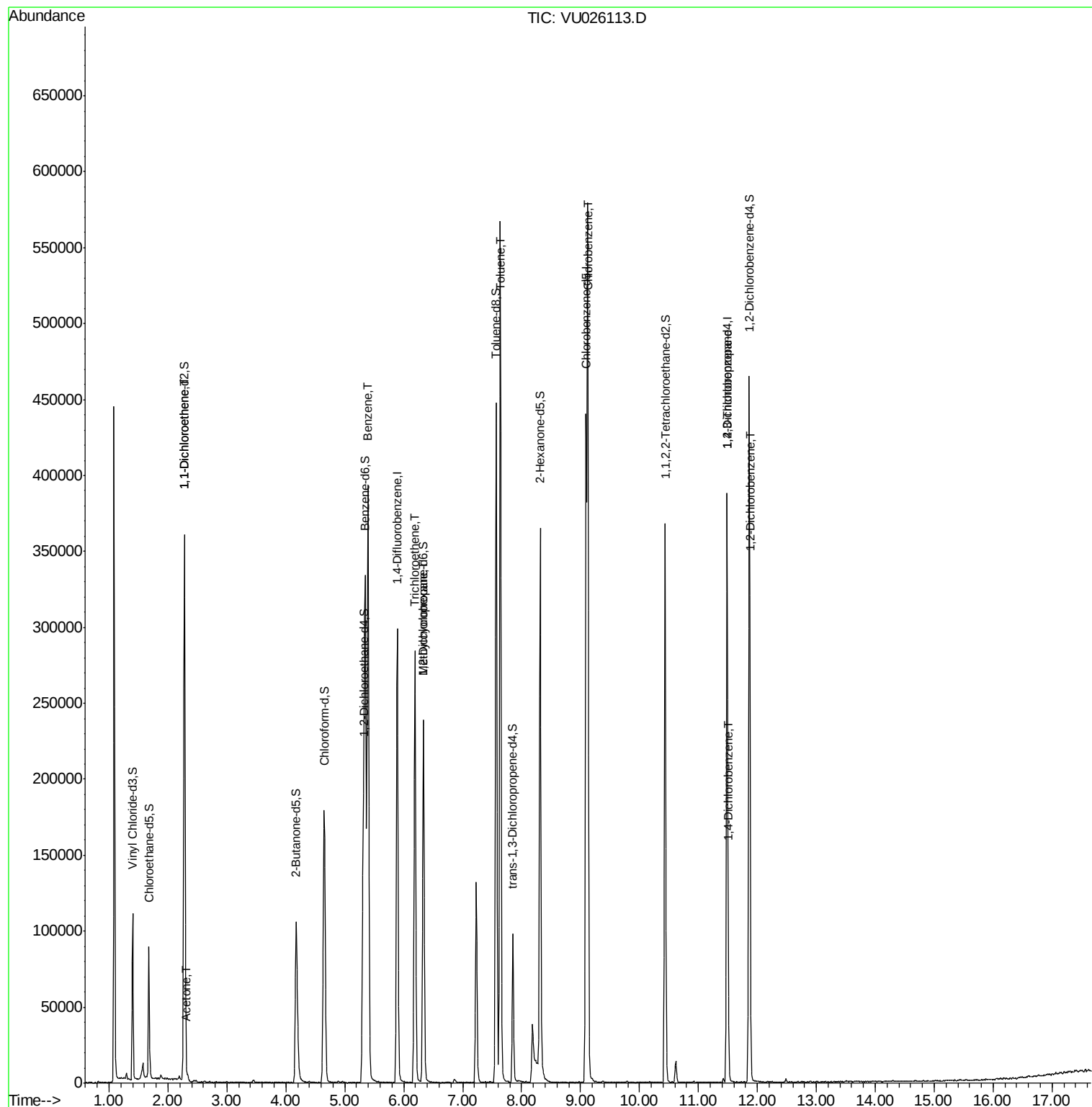
					Qvalue
12) 1,1-Dichloroethene	2.28	96	75947	52.551 ug/L	83
13) Acetone	2.32	43	1299	1.371 ug/L	86
33) Benzene	5.39	78	384206	56.980 ug/L	100
34) Trichloroethene	6.19	95	95742	54.351 ug/L	98
35) Methylcyclohexane	6.33	83	25931	9.641 ug/L #	19
42) Toluene	7.64	91	412379	57.618 ug/L	99
51) Chlorobenzene	9.12	112	303607	62.914 ug/L	100
59) 1,2,3-Trichloropropane	11.49	75	13110	5.510 ug/L	90
63) 1,4-Dichlorobenzene	11.51	146	4135	1.222 ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	5151	1.499 ug/L #	88

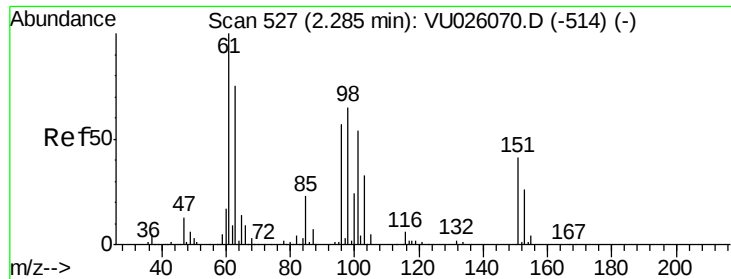
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 14 02:18:47 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 52.551 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU026113.D

Acq: 14 Aug 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

A4ZJ2MSD

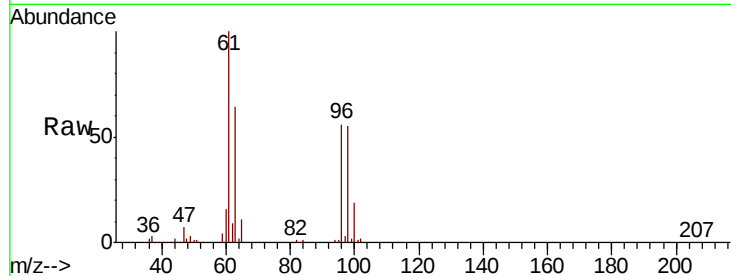
Tgt Ion: 96 Resp: 75947

Ion Ratio Lower Upper

96 100

61 178.3 121.2 225.2

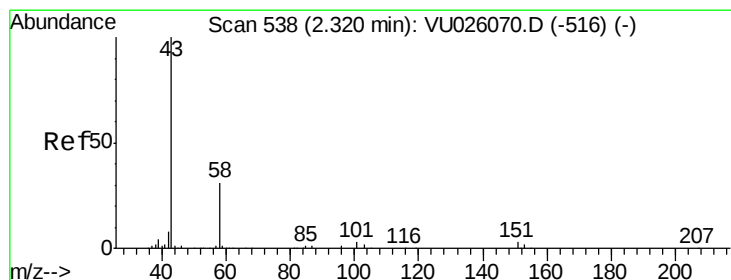
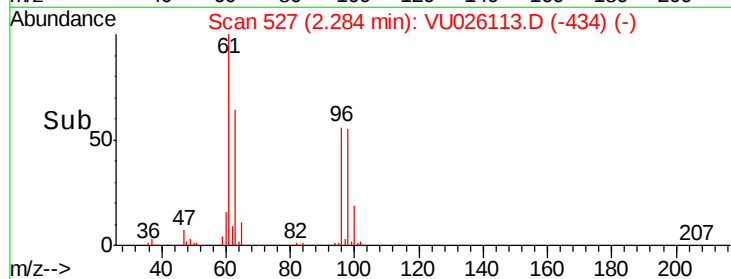
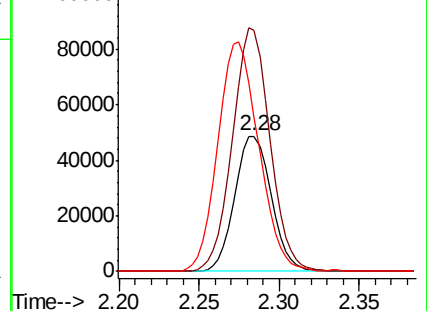
63 113.9 108.7 201.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.371 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026113.D

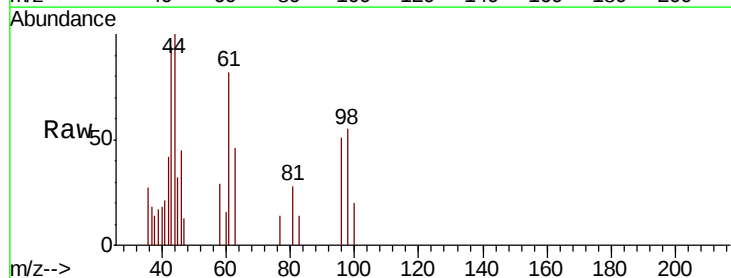
Acq: 14 Aug 2018 20:20

Tgt Ion: 43 Resp: 1299

Ion Ratio Lower Upper

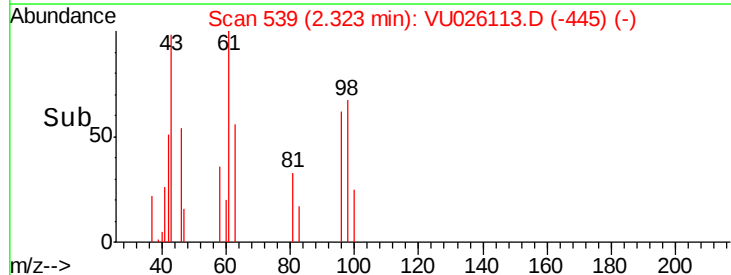
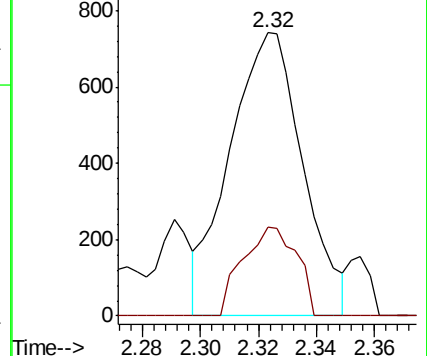
43 100

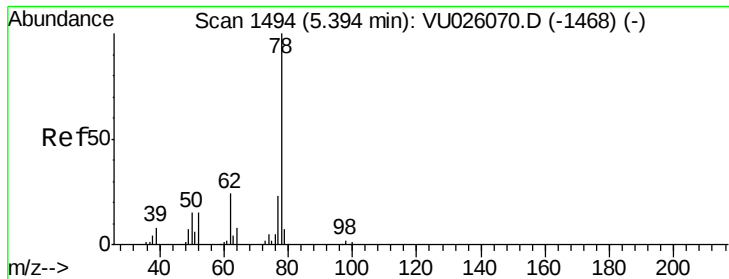
58 22.9 0.0 61.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

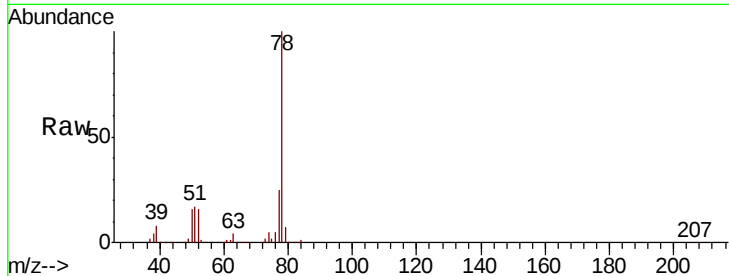




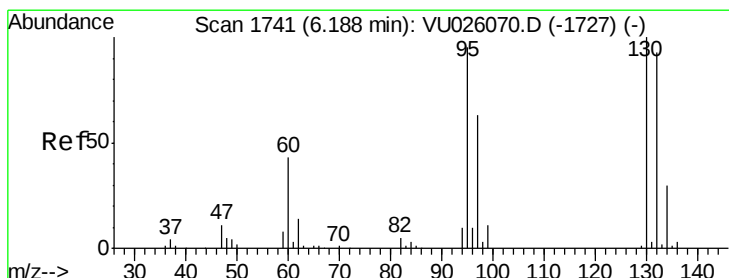
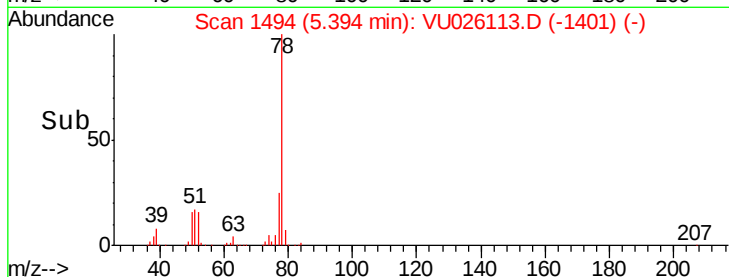
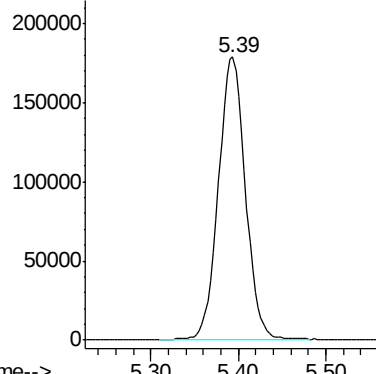
#33
Benzene
Concen: 56.980 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
A4ZJ2MSD

Tgt Ion: 78 Resp: 384206



Abundance Ion 78.00 (77.70 to 78.70): VU0



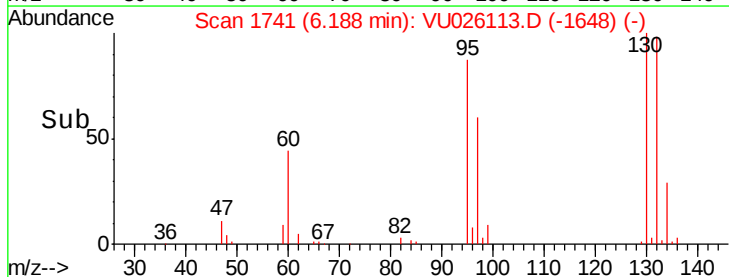
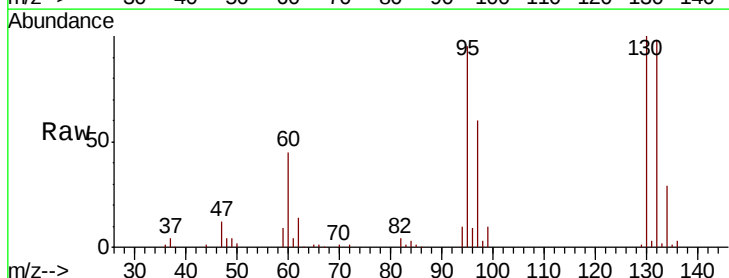
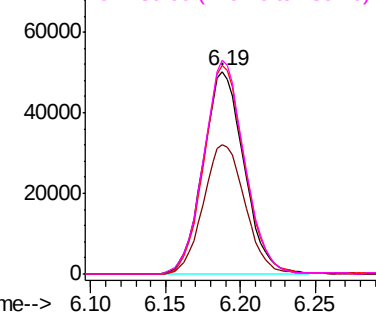
#34
Trichloroethene
Concen: 54.351 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

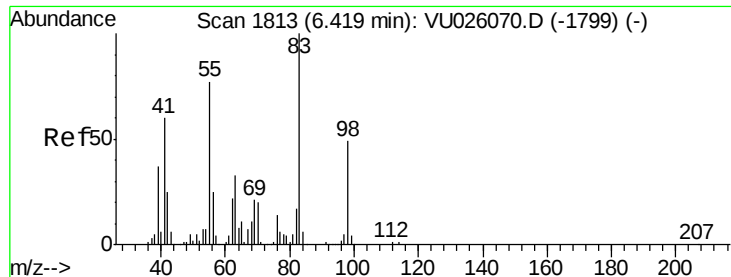
Tgt Ion: 95 Resp: 95742

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.2	84.0
132	103.3	68.2	126.6
130	105.6	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

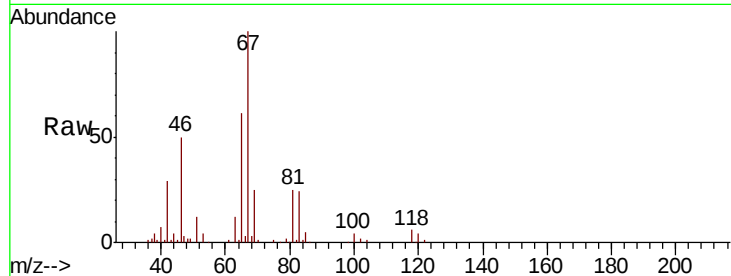




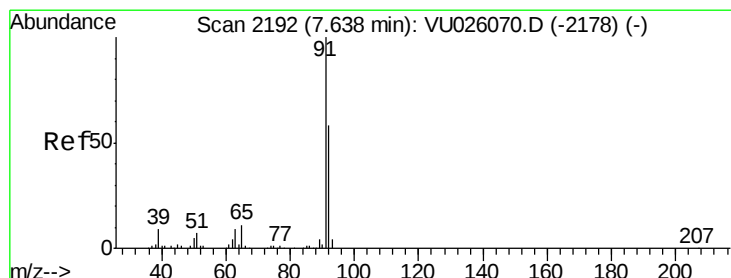
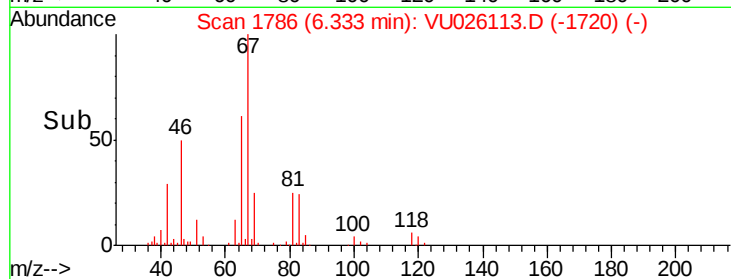
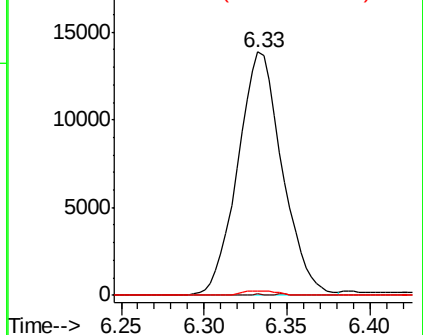
#35
Methylcyclohexane
Concen: 9.641 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
A4ZJ2MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	61.0	91.6#
98	1.4	38.1	57.1#

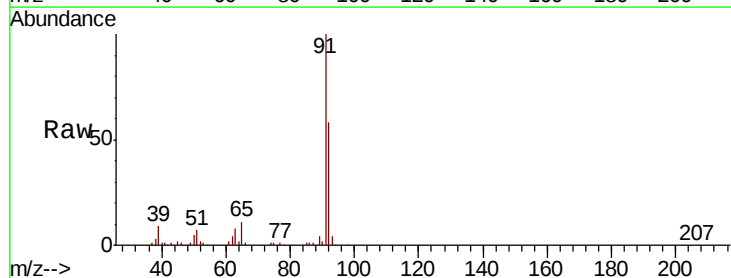


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

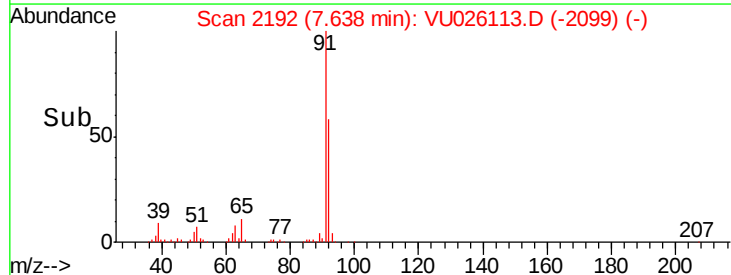
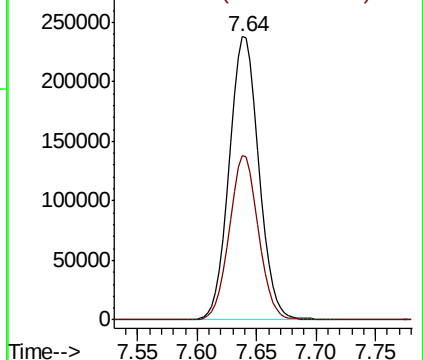


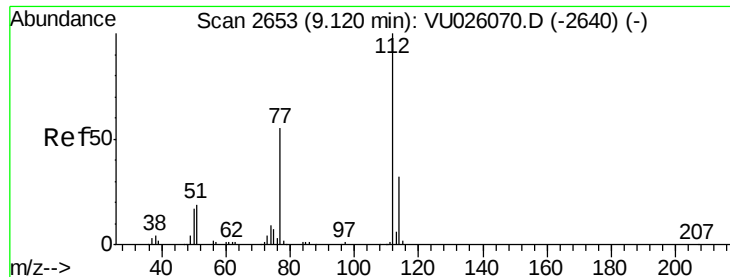
#42
Toluene
Concen: 57.618 ug/L
RT: 7.64 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.1	41.0	76.2



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0





#51

Chlorobenzene

Concen: 62.914 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026113.D

Acq: 14 Aug 2018 20:20

Instrument :

MSVOA_U

ClientSampleId :

A4ZJ2MSD

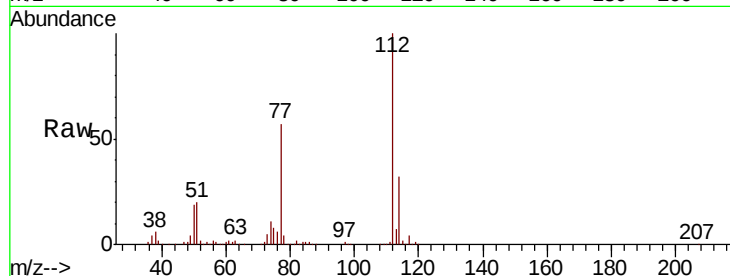
Tgt Ion: 112 Resp: 303607

Ion Ratio Lower Upper

112 100

114 32.3 22.7 42.3

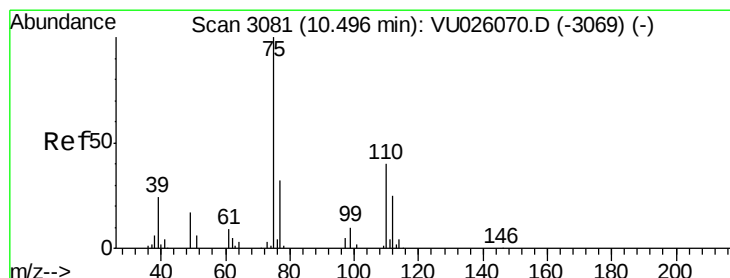
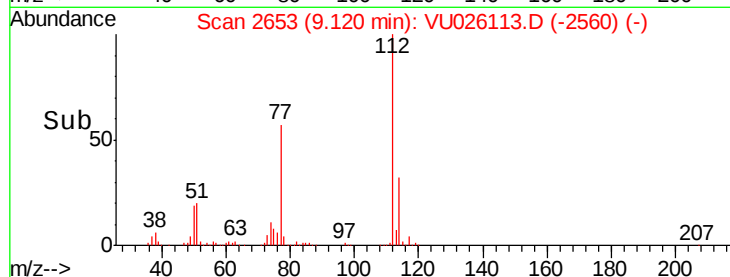
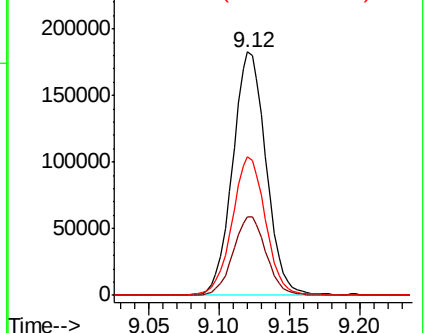
77 56.8 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU



#59

1,2,3-Trichloropropane

Concen: 5.510 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026113.D

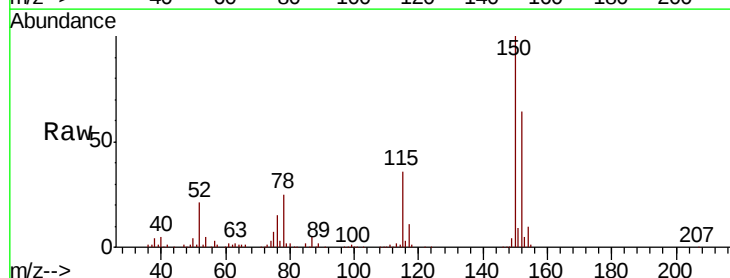
Acq: 14 Aug 2018 20:20

Tgt Ion: 75 Resp: 13110

Ion Ratio Lower Upper

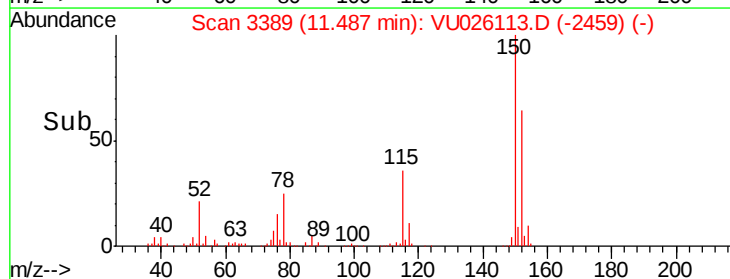
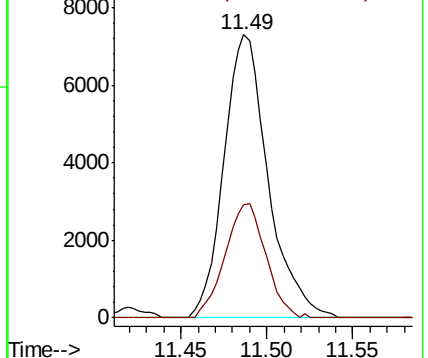
75 100

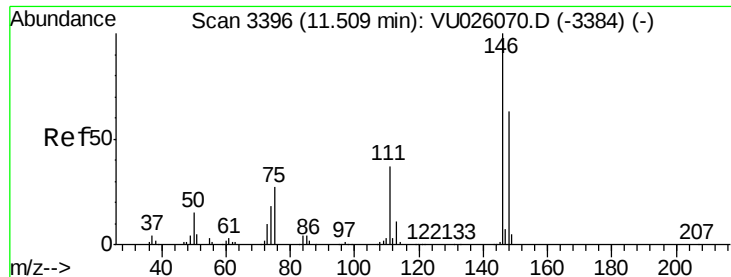
77 37.0 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

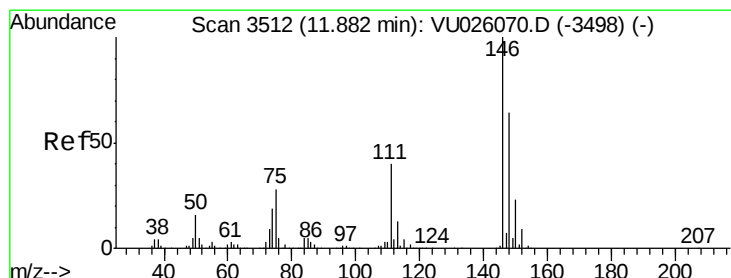
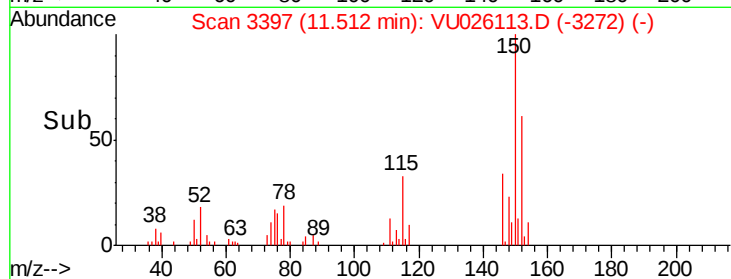
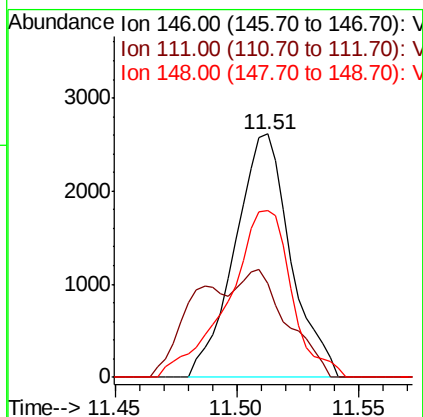
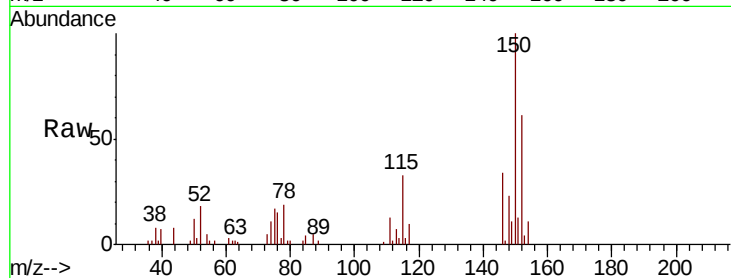




#63
 1,4-Dichlorobenzene
 Concen: 1.222 ug/L
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU026113.D
 Acq: 14 Aug 2018 20:20

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 A4ZJ2MSD

Tgt Ion:146 Resp: 4135
 Ion Ratio Lower Upper
 146 100
 111 38.7 26.4 49.0
 148 68.7 43.8 81.4



#65
 1,2-Dichlorobenzene
 Concen: 1.499 ug/L
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU026113.D
 Acq: 14 Aug 2018 20:20

Tgt Ion:146 Resp: 5151
 Ion Ratio Lower Upper
 146 100
 111 49.4 32.4 48.6#
 148 54.9 50.1 75.1

