

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026418.D
 Acq On : 28 Aug 2018 23:45
 Operator : MD/SY
 Sample : J4633-06MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 01:42:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	61372	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	60716	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	26734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	20244	2.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.40%
7) Chloroethane-d5	1.68	69	18532	3.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.20%#
11) 1,1-Dichloroethene-d2	2.27	63	47197	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.20	46	54664	36.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.32%
24) Chloroform-d	4.65	84	36777	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.31	65	20733	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
32) Benzene-d6	5.34	84	70626	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.00%#
36) 1,2-Dichloropropane-d6	6.34	67	24454	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.00%
41) Toluene-d8	7.57	98	60406	3.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.20%#
43) trans-1,3-Dichloropropene-	7.85	79	7934	3.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.20%
46) 2-Hexanone-d5	8.32	63	40049	35.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.92%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	19156	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	24685	3.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.20%#

Target Compounds

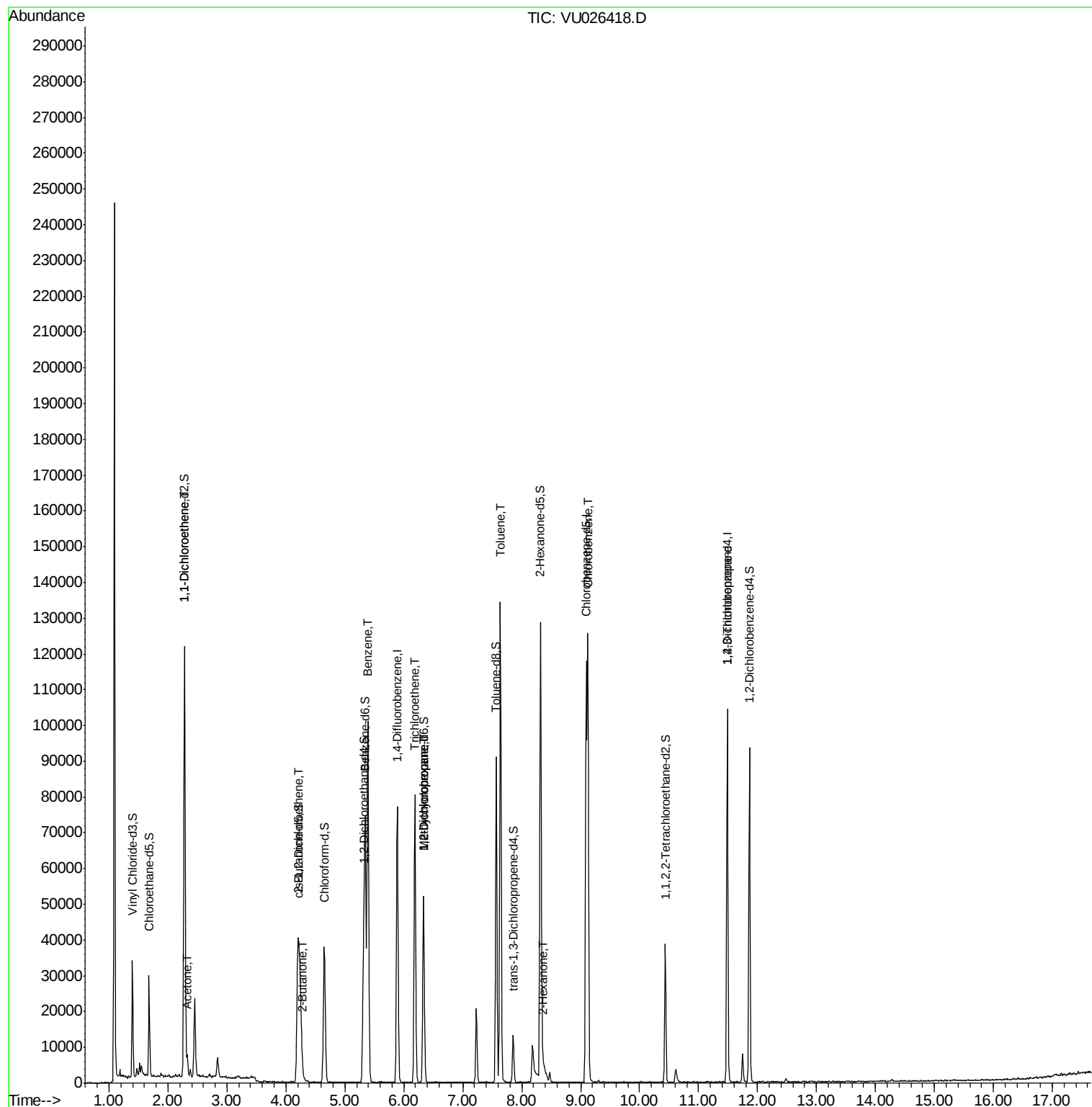
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	25856	5.143	ug/L	85
13) Acetone	2.32	43	6055	5.424	ug/L	94
21) 2-Butanone	4.29	43	607	0.424	ug/L #	53
22) cis-1,2-Dichloroethene	4.23	96	10652	1.915	ug/L	92
33) Benzene	5.39	78	95999	4.765	ug/L	100
34) Trichloroethene	6.19	95	27073	4.975	ug/L	96
35) Methylcyclohexane	6.33	83	5571	0.720	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	2641	0.473	ug/L #	89
42) Toluene	7.64	91	97959	4.771	ug/L	98
48) 2-Hexanone	8.37	43	947	0.406	ug/L #	90
51) Chlorobenzene	9.12	112	62764	4.713	ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	3492	1.082	ug/L #	89

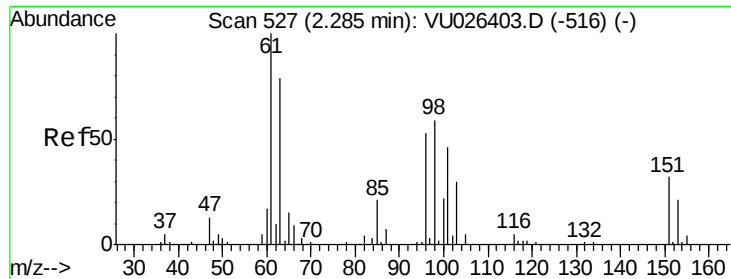
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082818\
Data File : VU026418.D
Acq On : 28 Aug 2018 23:45
Operator : MD/SY
Sample : J4633-06MSD
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 29 01:42:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 29 00:08:04 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.143 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Instrument :
MSVOA_U
ClientSampled :

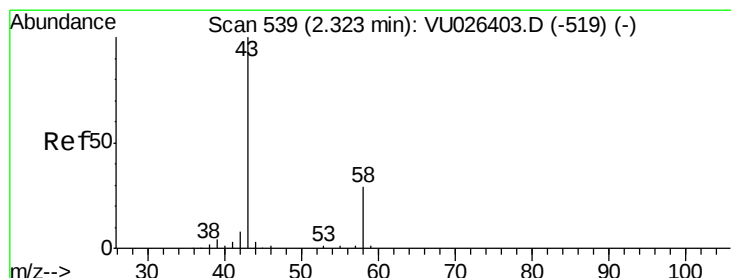
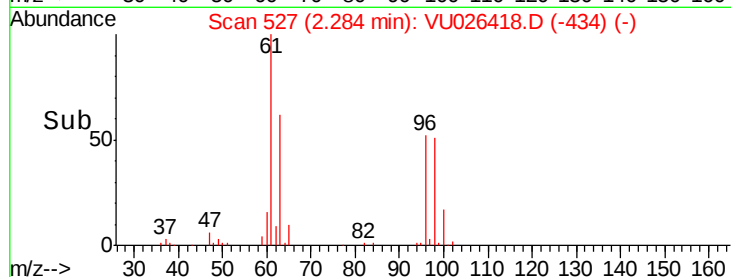
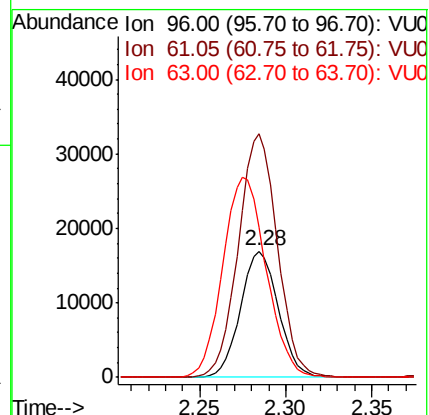
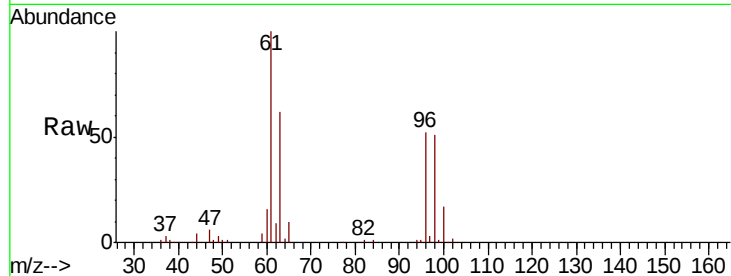
Tot Ion: 96 Resp: 25856

Ion Ratio Lower Upper

96 100

61 192.6 133.5 247.9

63 118.6 112.3 208.7



#13

Acetone

Concen: 5.424 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026418.D

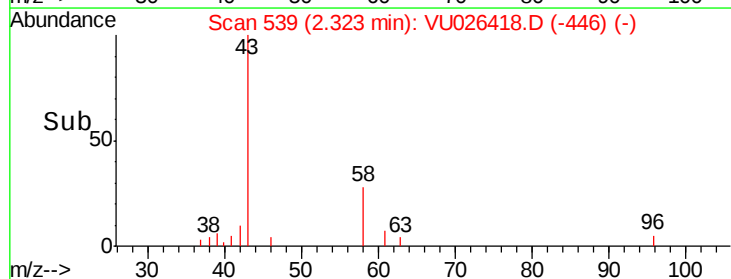
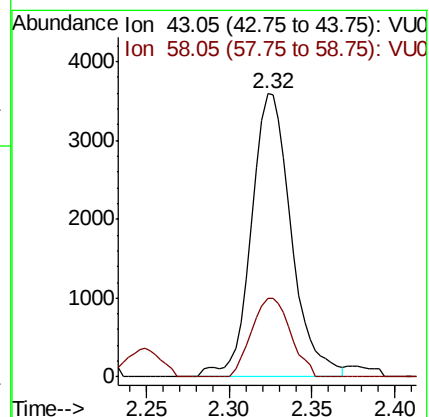
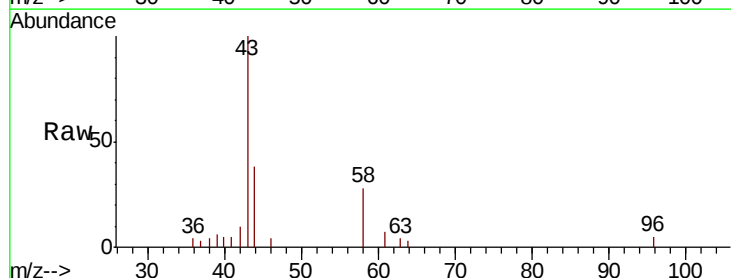
Acq: 28 Aug 2018 23:45

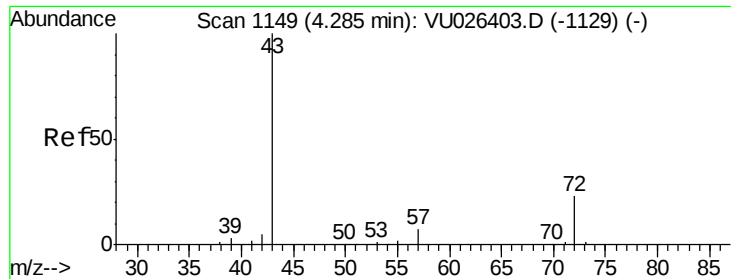
Tgt Ion: 43 Resp: 6055

Ion Ratio Lower Upper

43 100

58 27.0 0.0 60.6





#21

2-Butanone

Concen: 0.424 ug/L

RT: 4.29 min Scan# 1150

Delta R.T. 0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Instrument :

MSVOA_U

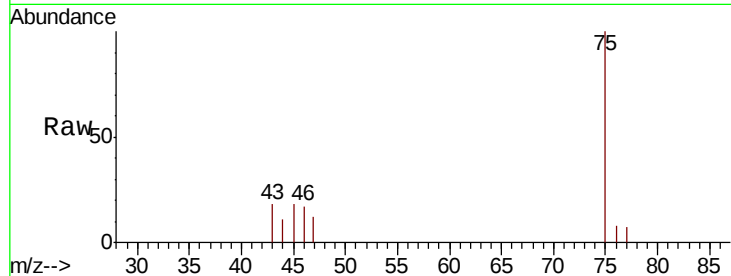
ClientSampleId :

Tot Ion: 43 Resp: 607

Ion Ratio Lower Upper

43 100

72 0.0 11.4 34.1#

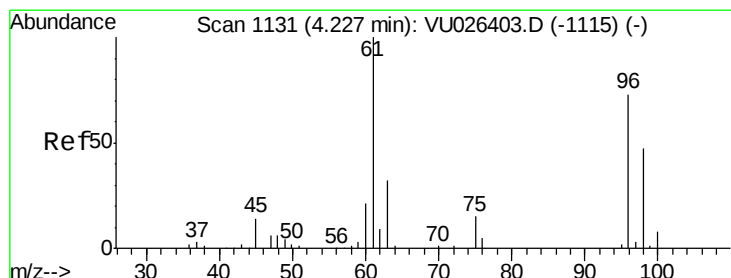
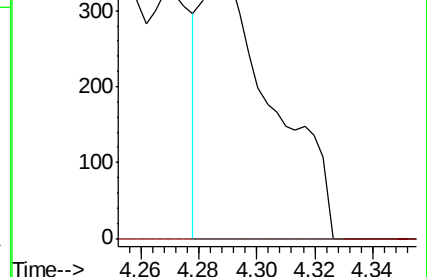
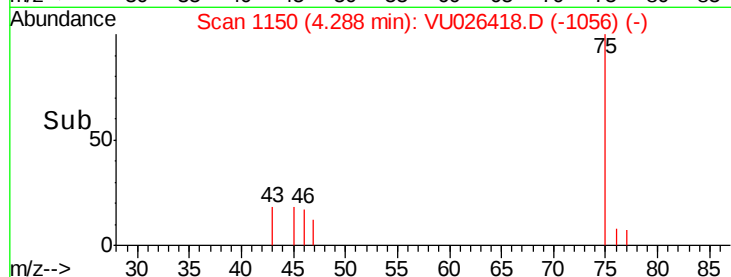


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

4.29

4.26 4.28 4.30 4.32 4.34



#22

cis-1,2-Dichloroethene

Concen: 1.915 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

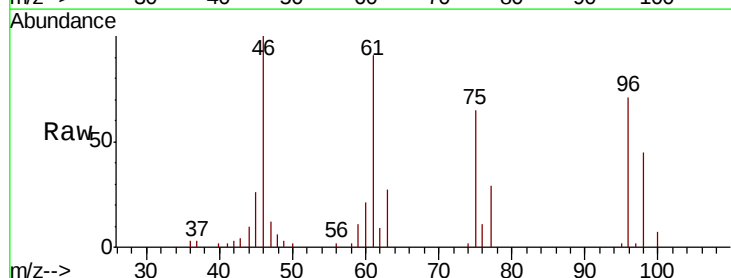
Tgt Ion: 96 Resp: 10652

Ion Ratio Lower Upper

96 100

61 127.7 95.9 178.1

68 0.0 0.0 0.0



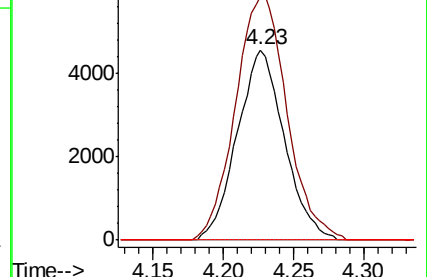
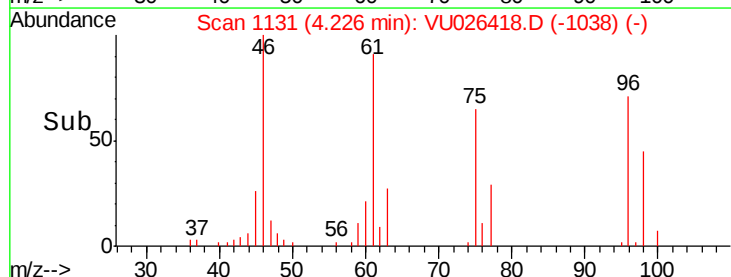
Abundance Ion 96.00 (95.70 to 96.70): VU0

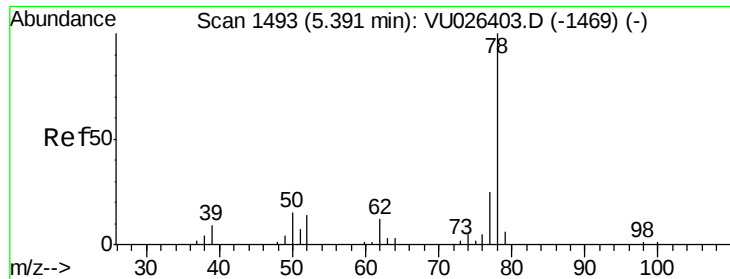
Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

4.23

4.15 4.20 4.25 4.30





#33

Benzene

Concen: 4.765 ug/L

RT: 5.39 min Scan# 1493

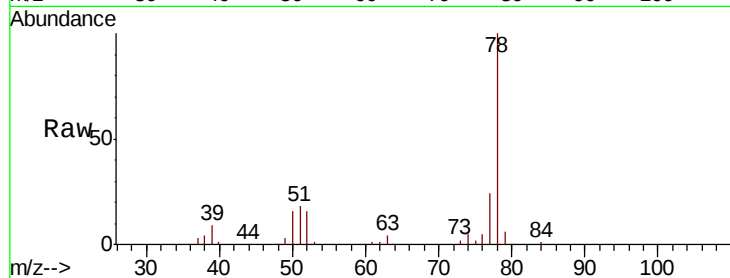
Delta R.T. -0.00 min

Lab File: VU026418.D

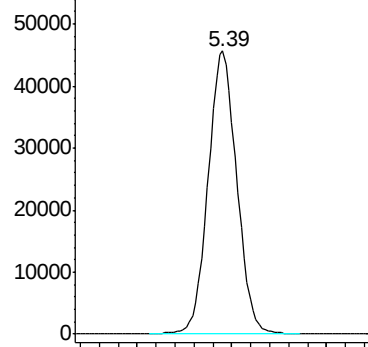
Acq: 28 Aug 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :

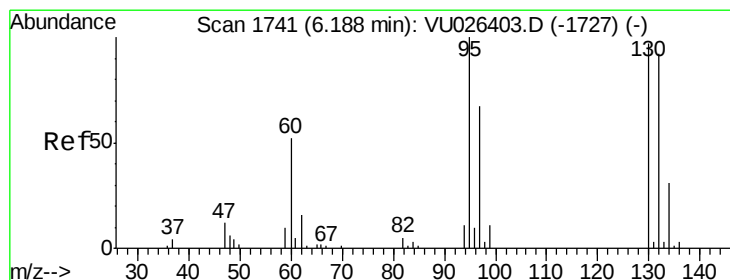
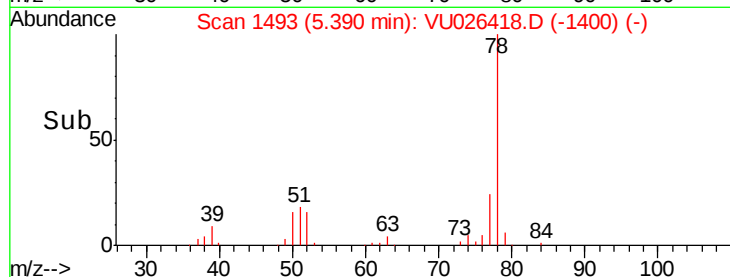
Tgt Ion: 78 Resp: 95999



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#34

Trichloroethene

Concen: 4.975 ug/L

RT: 6.19 min Scan# 1741

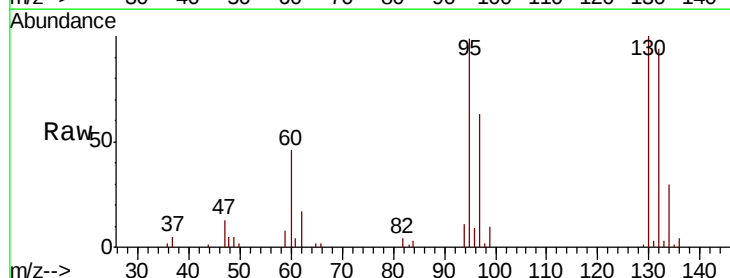
Delta R.T. -0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Tgt Ion: 95 Resp: 27073

Ion	Ratio	Lower	Upper
95	100		
97	63.2	46.6	86.6
132	95.1	64.2	119.2
130	101.1	68.2	126.6

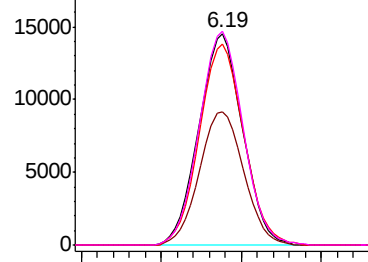


Abundance Ion 95.00 (94.70 to 95.70): VU0

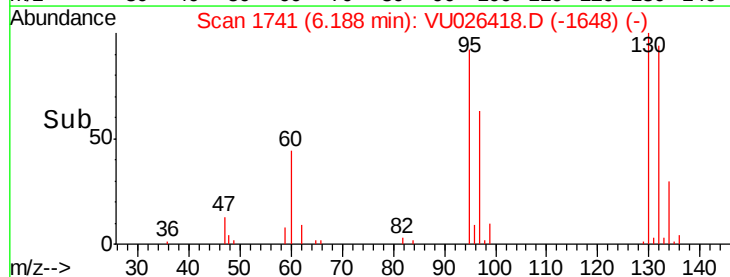
Ion 96.95 (96.65 to 97.65): VU0

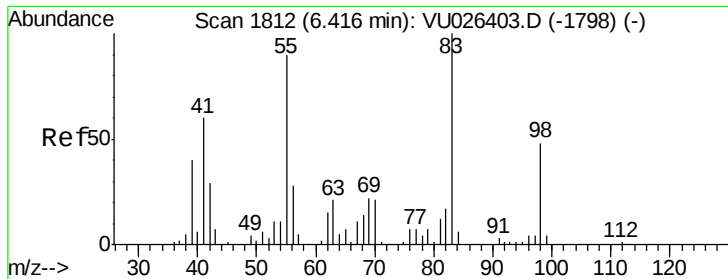
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->

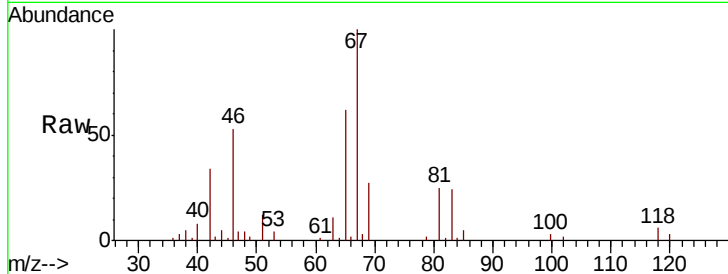




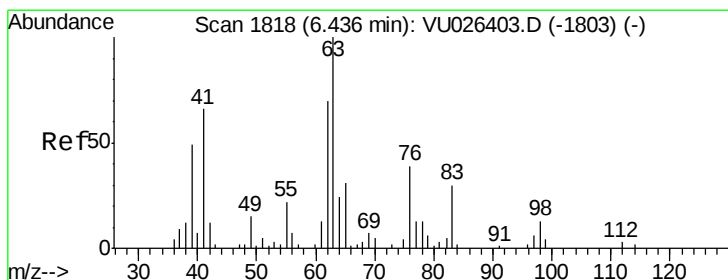
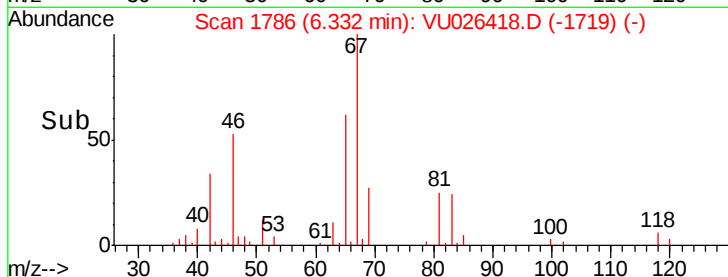
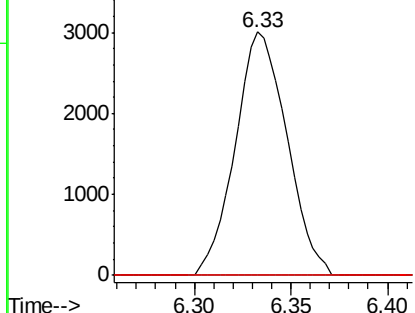
#35
Methvlcvclohexane
Concen: 0.720 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026418.D
Acq: 28 Aug 2018 23:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5571
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 1.5 36.0 54.0#

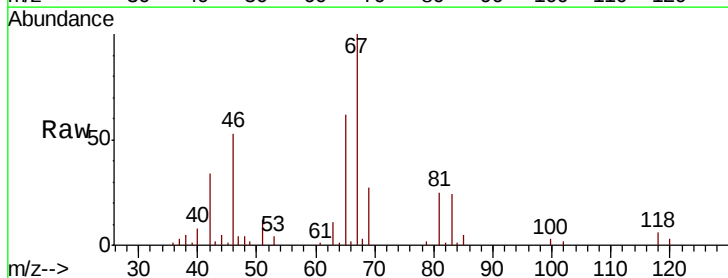


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

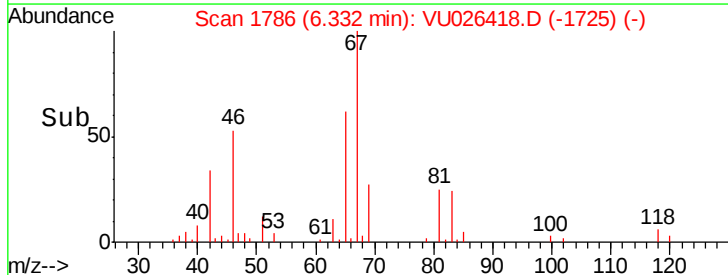
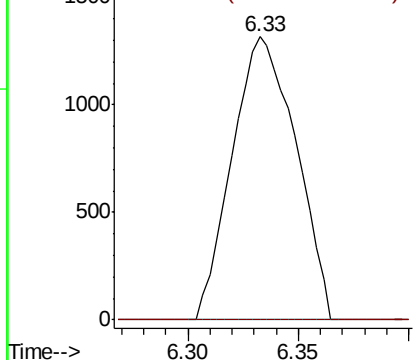


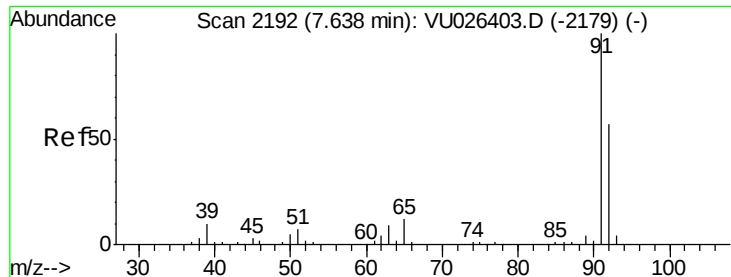
#37
1,2-Dichloropropane
Concen: 0.473 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026418.D
Acq: 28 Aug 2018 23:45

Tgt Ion: 63 Resp: 2641
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 4.771 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Instrument :

MSVOA_U

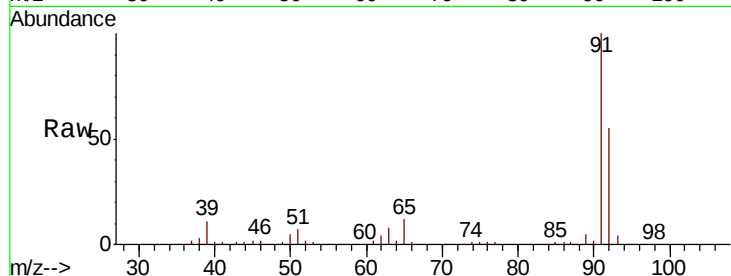
ClientSampled :

Tot Ion: 91 Resp: 97959

Ion Ratio Lower Upper

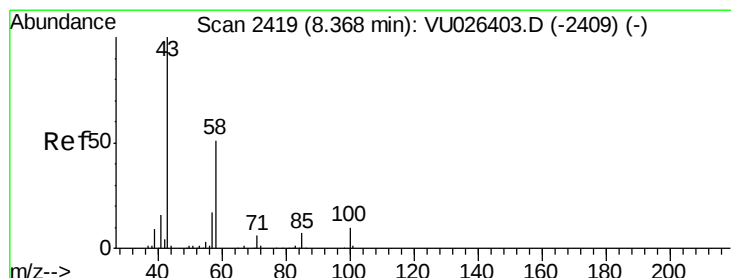
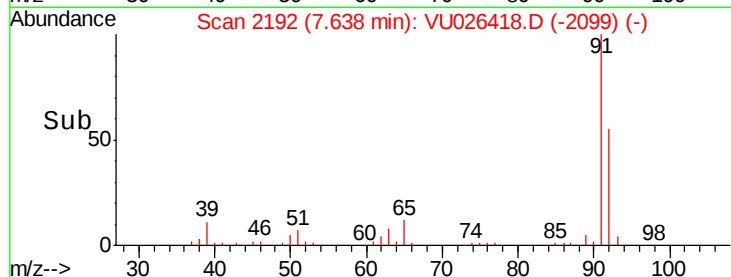
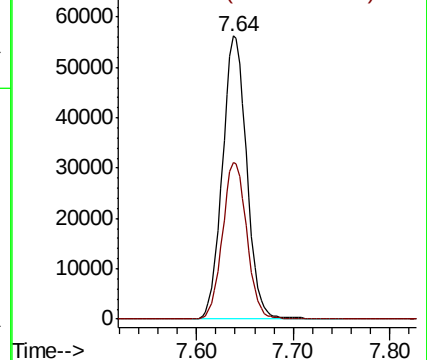
91 100

92 55.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#48

2-Hexanone

Concen: 0.406 ug/L

RT: 8.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Tgt Ion: 43 Resp: 947

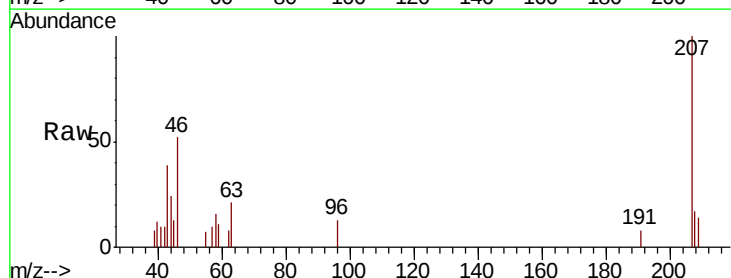
Ion Ratio Lower Upper

43 100

58 43.6 40.5 60.7

57 18.6 14.0 21.0

100 0.0 7.6 11.4#

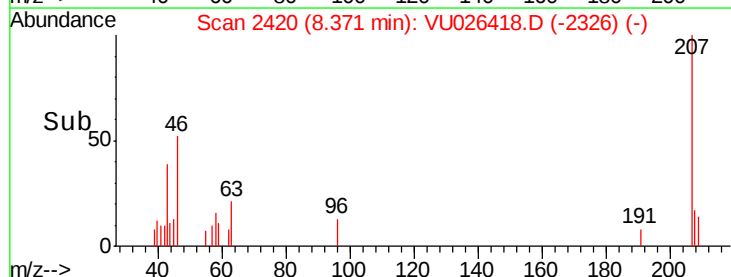
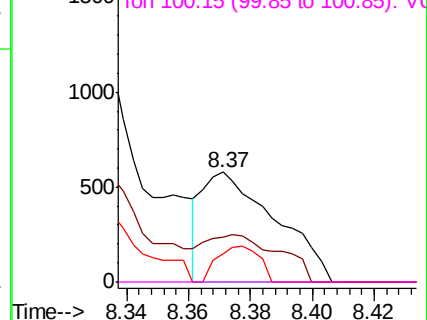


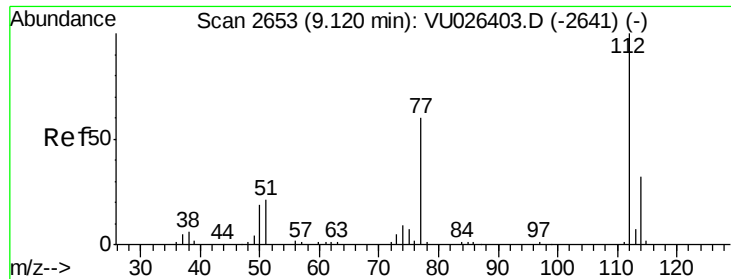
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#51

Chlorobenzene

Concen: 4.713 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Instrument :

MSVOA_U

ClientSampled :

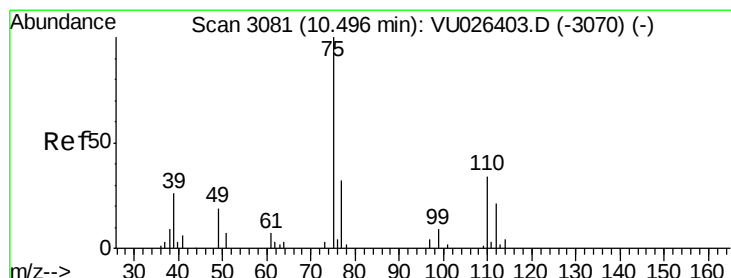
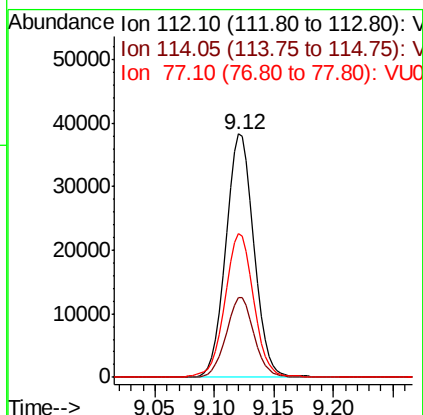
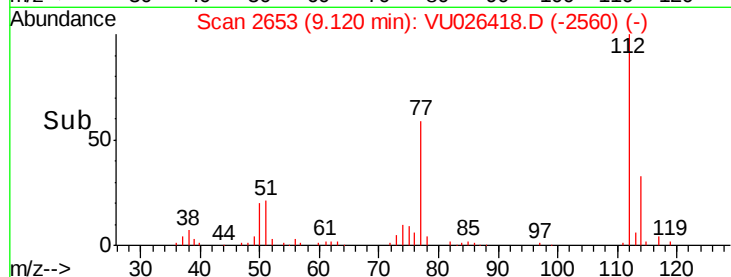
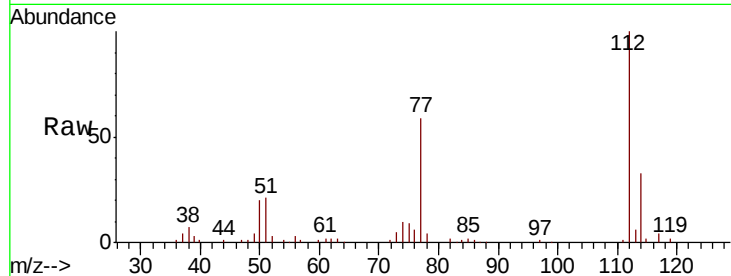
Tot Ion:112 Resp: 62764

Ion Ratio Lower Upper

112 100

114 32.8 22.3 41.3

77 59.1 48.4 72.6



#59

1,2,3-Trichloropropane

Concen: 1.082 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026418.D

Acq: 28 Aug 2018 23:45

Tgt Ion: 75 Resp: 3492

Ion Ratio Lower Upper

75 100

77 37.5 25.0 37.4#

