

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026713.D
 Acq On : 12 Sep 2018 19:44
 Operator : MD/SY
 Sample : J4868-02MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q2MS

Quant Time: Sep 13 03:41:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	202600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83833	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54986	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.84%
7) Chloroethane-d5	1.67	69	49798	40.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.86%
11) 1,1-Dichloroethene-d2	2.27	63	113802	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.24%
21) 2-Butanone-d5	4.18	46	110492	117.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.60%
24) Chloroform-d	4.65	84	113735	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
26) 1,2-Dichloroethane-d4	5.31	65	76972	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
32) Benzene-d6	5.34	84	225453	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
36) 1,2-Dichloropropane-d6	6.33	67	80016	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.38%
41) Toluene-d8	7.57	98	204100	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.85	79	35906	47.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.96%
47) 2-Hexanone-d5	8.31	63	78851	118.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113532	50.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	81631	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%

Target Compounds

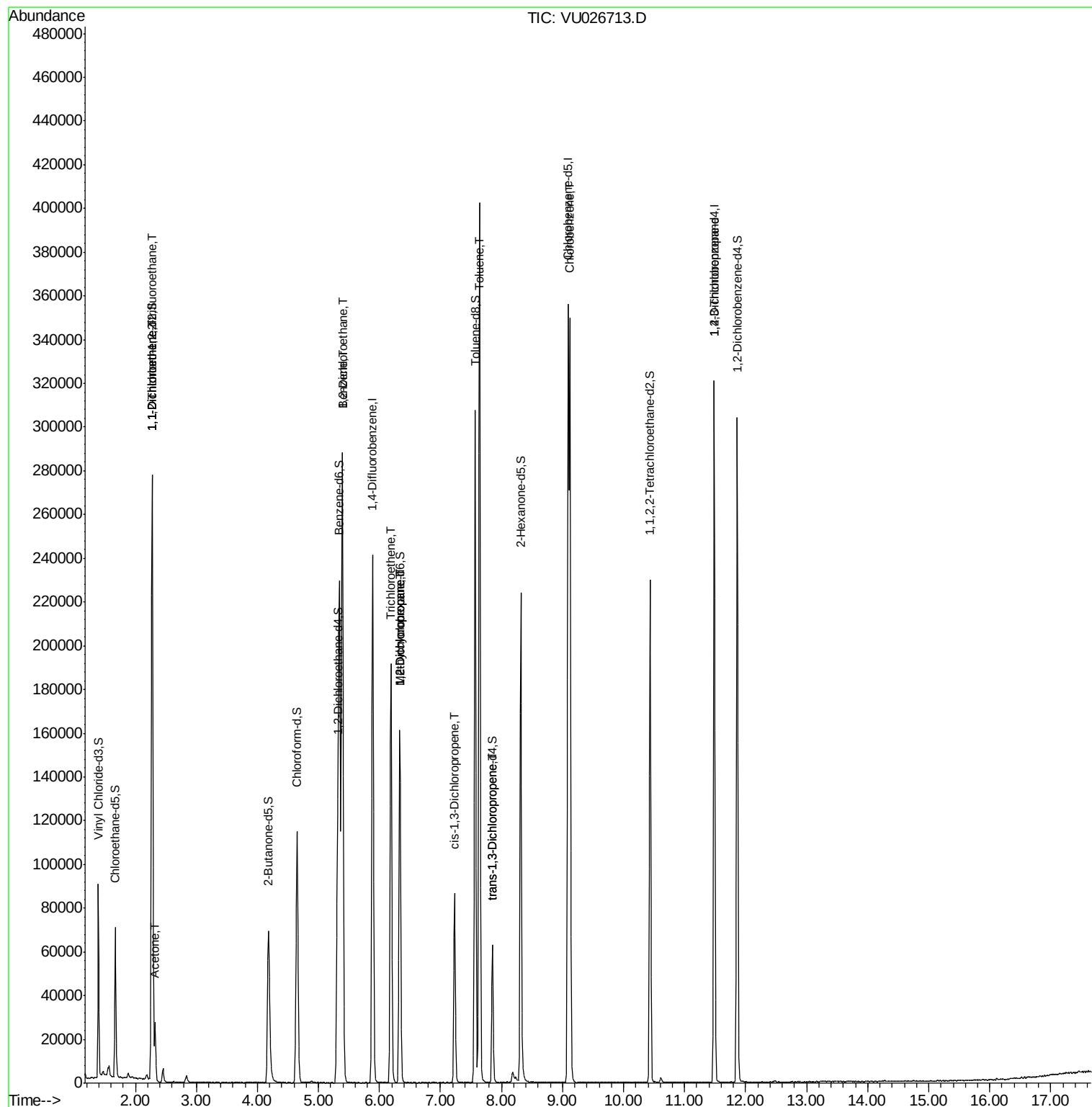
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	848	0.682	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	61236	51.260	ug/L	96
13) Acetone	2.32	43	26627	24.883	ug/L	99
27) 1,2-Dichloroethane	5.39	62	2613	1.334	ug/L #	75
33) Benzene	5.39	78	281971	53.760	ug/L	100
34) Trichloroethene	6.19	95	66794	51.236	ug/L	98
35) Methylcyclohexane	6.33	83	17349	8.314	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8073	5.510	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2027	0.935	ug/L #	59
42) Toluene	7.64	91	290983	53.526	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	1441	0.714	ug/L	83
51) Chlorobenzene	9.12	112	182536	51.138	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	9387	5.415	ug/L	90

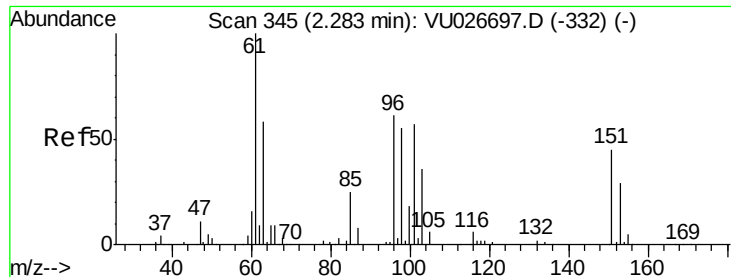
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.682 ug/L

RT: 2.27 min Scan# 341

Delta R.T. -0.02 min

Lab File: VU026713.D

Acq: 12 Sep 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

DB3Q2MS

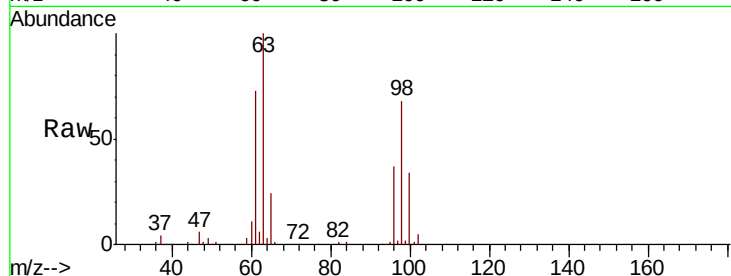
Tgt Ion: 101 Resp: 848

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

151 0.0 62.6 94.0#



Abundance Ion 101.00 (100.70 to 101.70): V

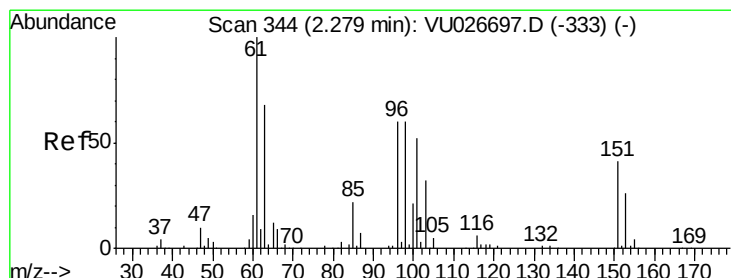
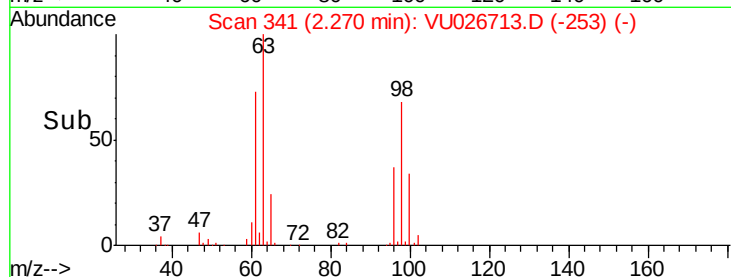
Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

2.27

2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 51.260 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU026713.D

Acq: 12 Sep 2018 19:44

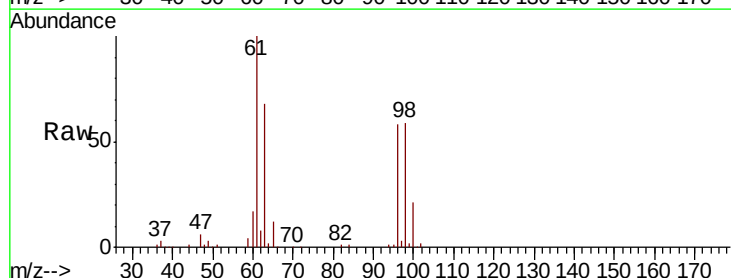
Tgt Ion: 96 Resp: 61236

Ion Ratio Lower Upper

96 100

61 173.6 121.0 224.8

63 118.5 89.9 166.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

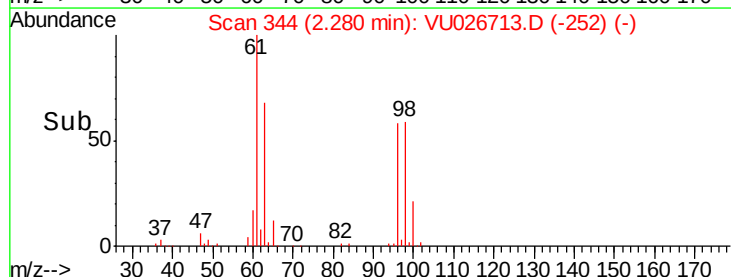
Ion 61.00 (60.70 to 61.70): VU0

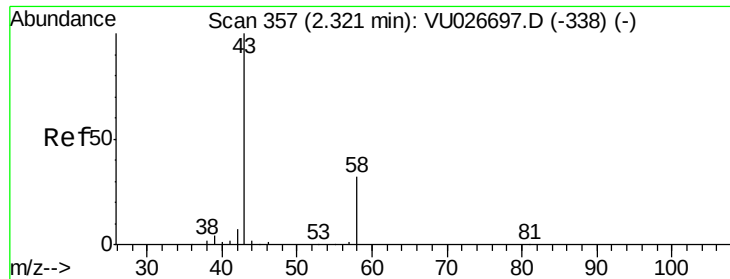
Ion 63.00 (62.70 to 63.70): VU0

2.28

2.25 2.30 2.35

Time-->





#13

Acetone

Concen: 24.883 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026713.D

Acq: 12 Sep 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

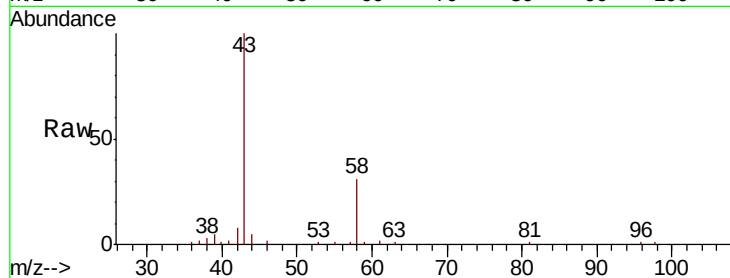
DB3Q2MS

Tgt Ion: 43 Resp: 26627

Ion Ratio Lower Upper

43 100

58 30.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU026697.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU026697.D (-338) (-)

2.32

15000

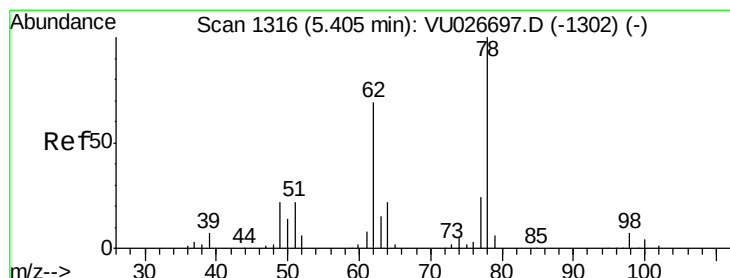
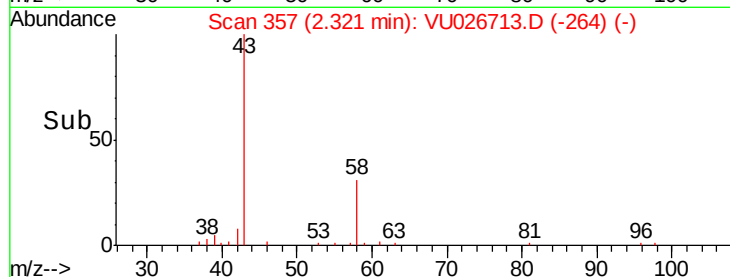
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#27

1,2-Dichloroethane

Concen: 1.334 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.02 min

Lab File: VU026713.D

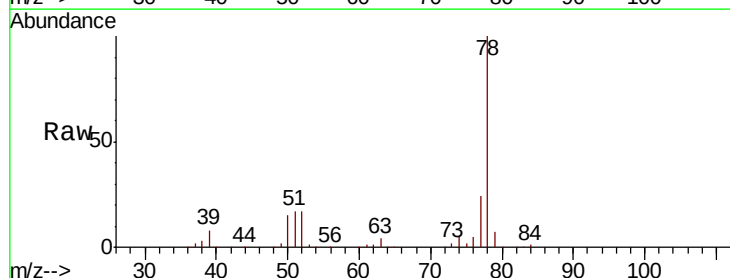
Acq: 12 Sep 2018 19:44

Tgt Ion: 62 Resp: 2613

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



Abundance Ion 62.00 (61.70 to 62.70): VU026697.D (-1302) (-)

Ion 98.00 (97.70 to 98.70): VU026697.D (-1302) (-)

5.39

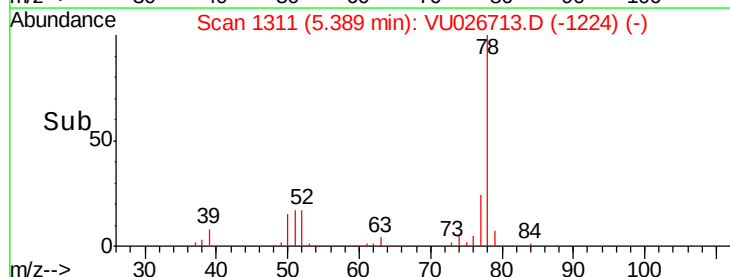
1000

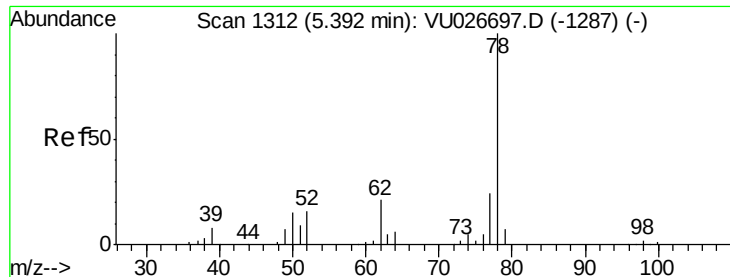
500

0

Time-->

5.35 5.40 5.45





#33

Benzene

Concen: 53.760 ug/L

RT: 5.39 min Scan# 1312

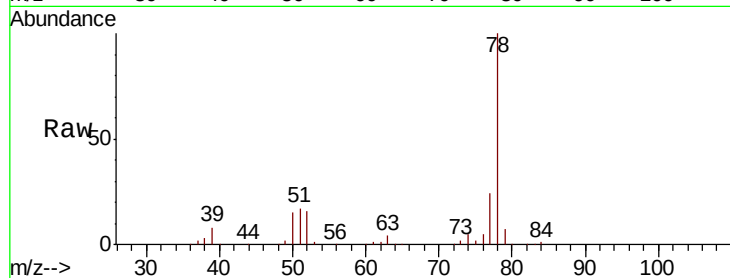
Delta R.T. -0.00 min

Lab File: VU026713.D

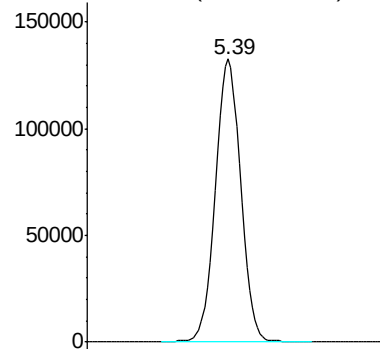
Acq: 12 Sep 2018 19:44

Instrument :
MSVOA_U
ClientSampleId :
DB3Q2MS

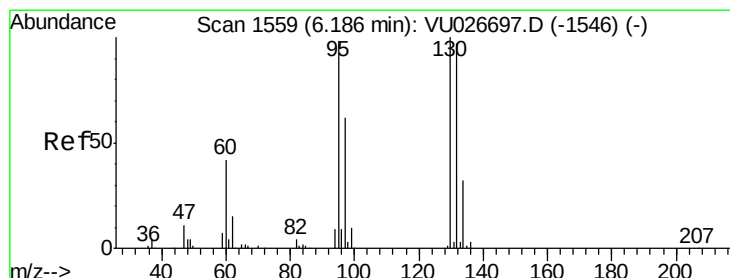
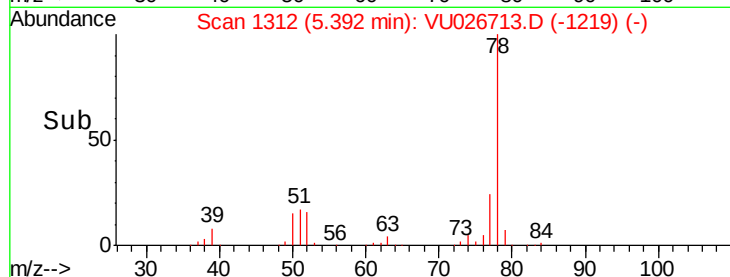
Tgt Ion: 78 Resp: 281971



Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



#34

Trichloroethene

Concen: 51.236 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU026713.D

Acq: 12 Sep 2018 19:44

Tgt Ion: 95 Resp: 66794

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.9	83.5
132	98.1	69.7	129.5
130	99.8	72.4	134.4

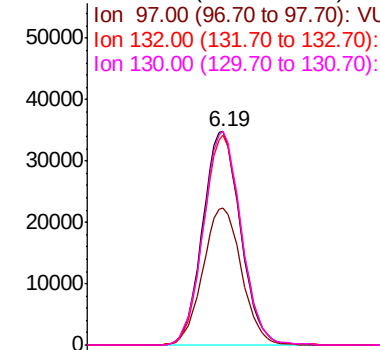
Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

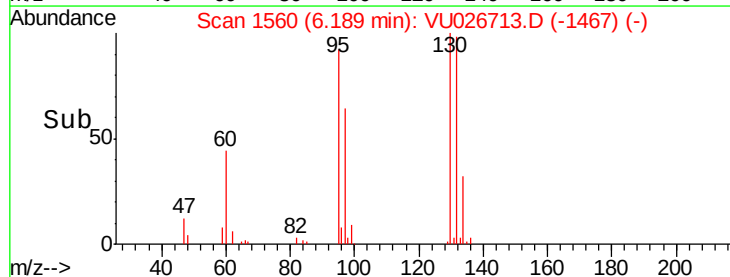
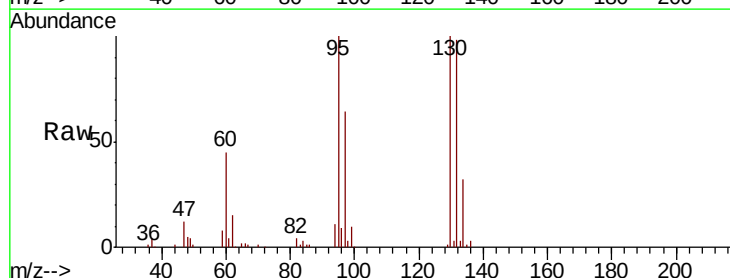
Ion 132.00 (131.70 to 132.70): V

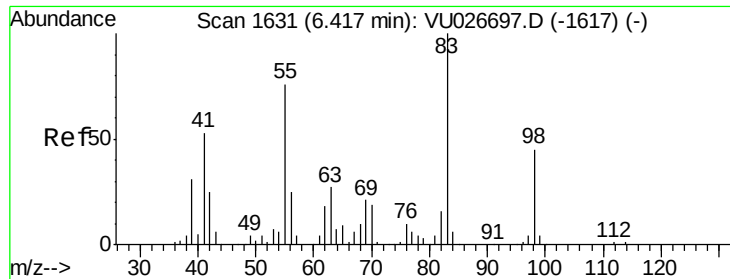
Ion 130.00 (129.70 to 130.70): V

Abundance Ion 95.00 (94.70 to 95.70): VU0



Time-->

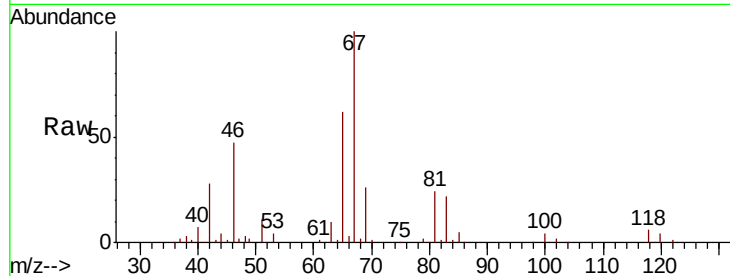




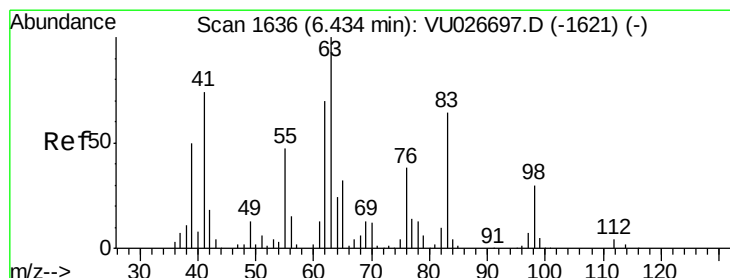
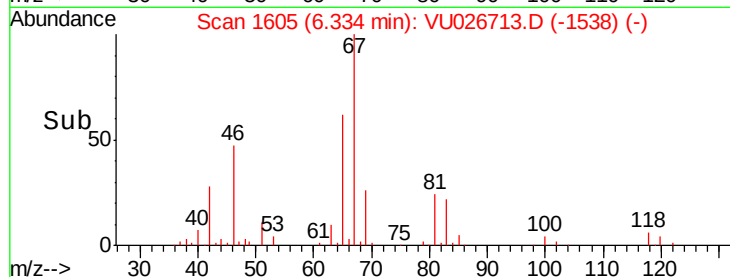
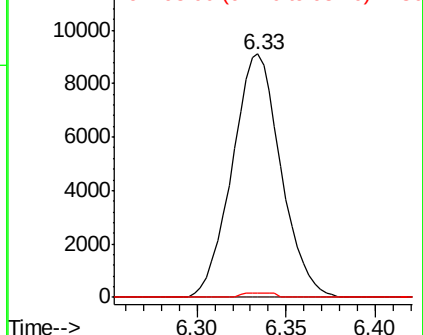
#35
Methylcyclohexane
Concen: 8.314 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026713.D
Acq: 12 Sep 2018 19:44

Instrument :
MSVOA_U
ClientSampleId :
DB3Q2MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.7	37.0	55.4#

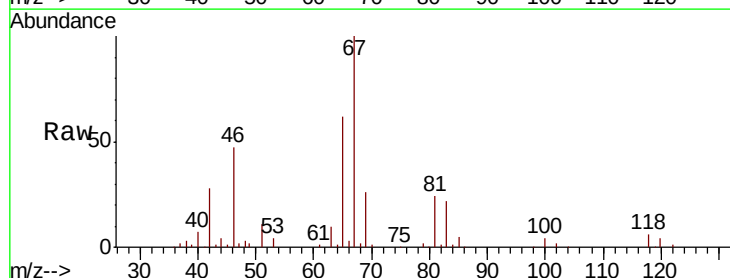


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

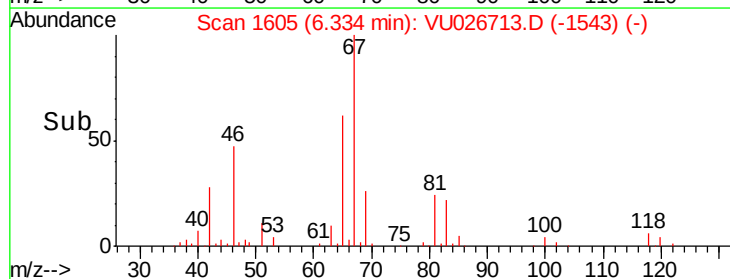
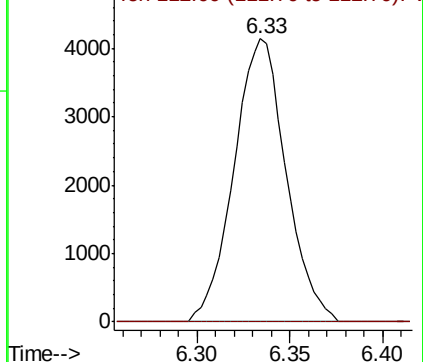


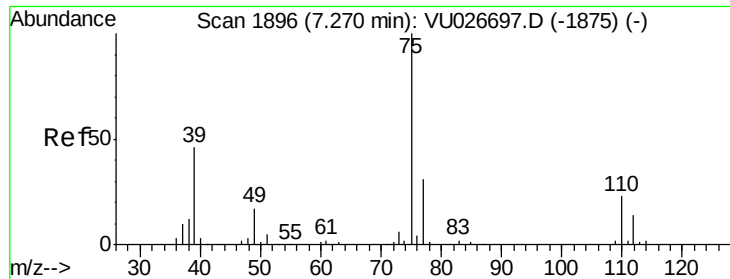
#37
1,2-Dichloropropane
Concen: 5.510 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026713.D
Acq: 12 Sep 2018 19:44

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



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



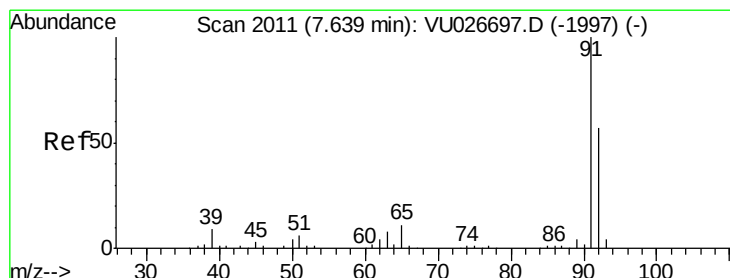
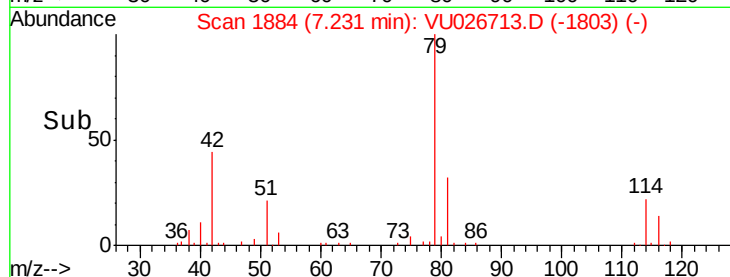
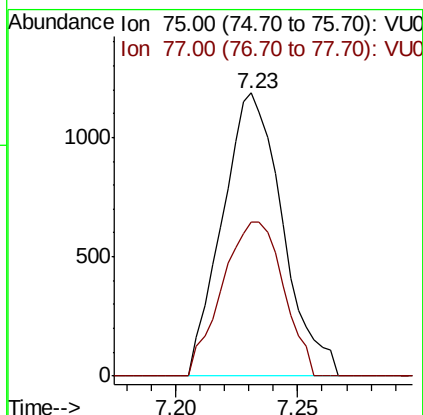
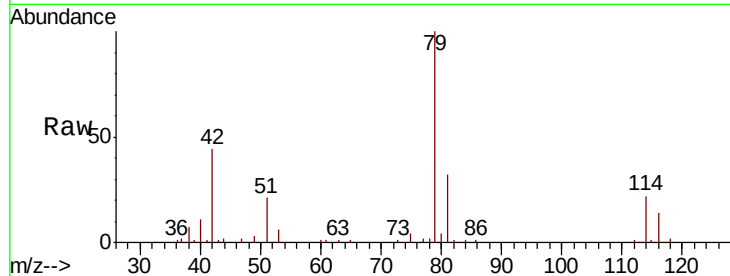


#39

cis-1,3-Dichloropropene
Concen: 0.935 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026713.D
Acq: 12 Sep 2018 19:44

Instrument :
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ClientSampleId :
DB3Q2MS

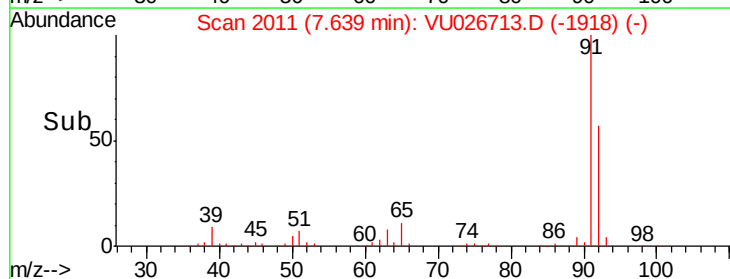
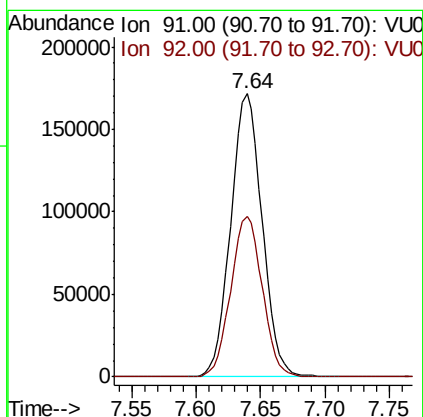
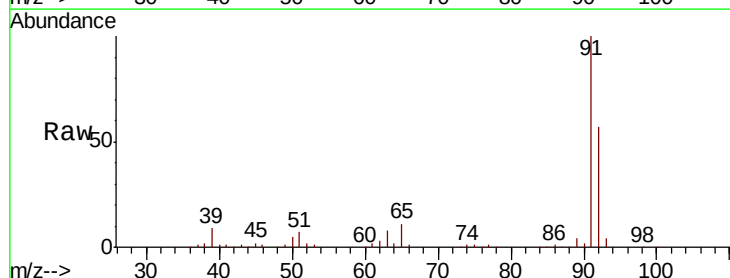
Tgt Ion: 75 Resp: 2027
Ion Ratio Lower Upper
75 100
77 54.6 22.3 41.3#

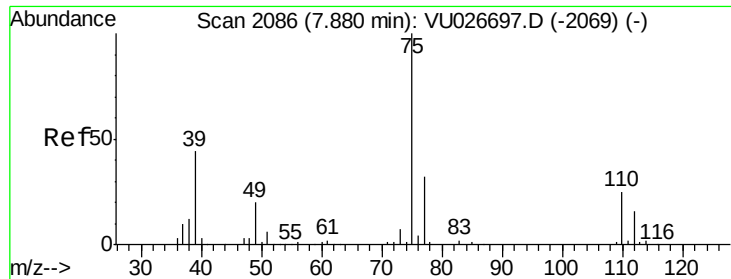


#42

Toluene
Concen: 53.526 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU026713.D
Acq: 12 Sep 2018 19:44

Tgt Ion: 91 Resp: 290983
Ion Ratio Lower Upper
91 100
92 56.8 40.3 74.9

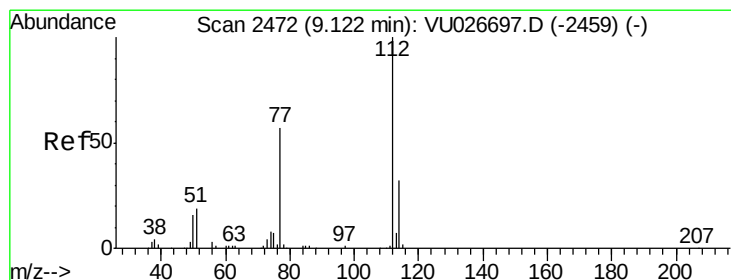
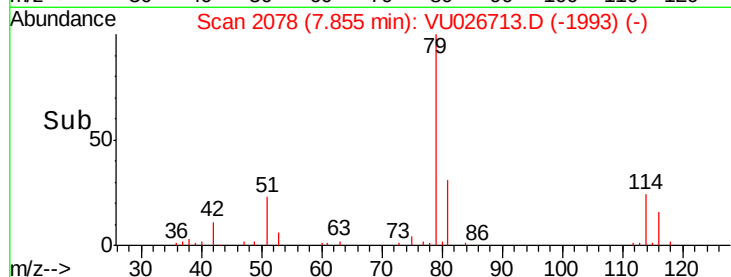
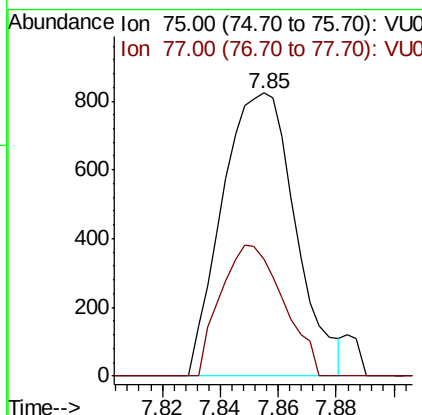
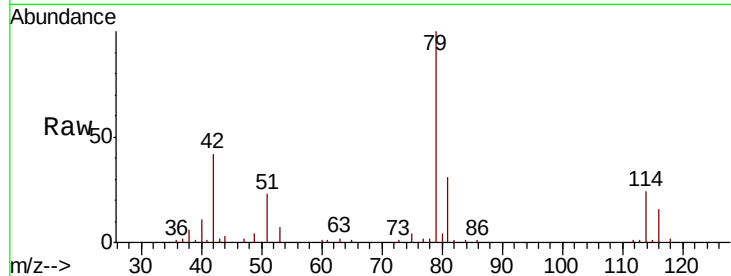




#44
trans-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU026713.D
Acq: 12 Sep 2018 19:44

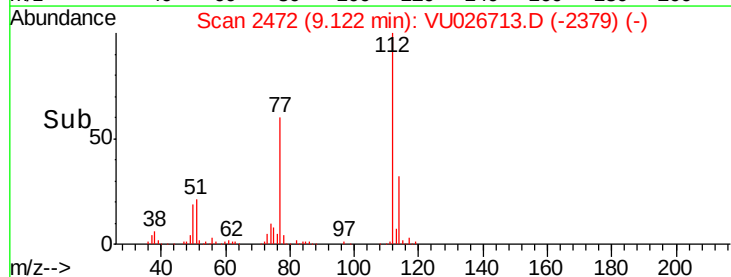
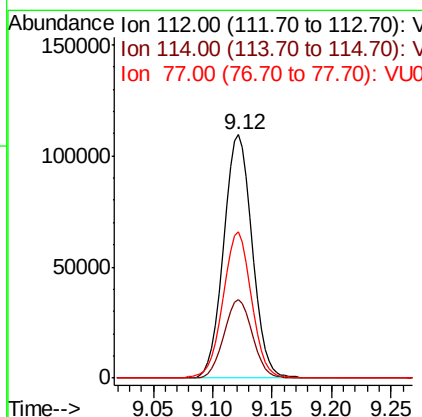
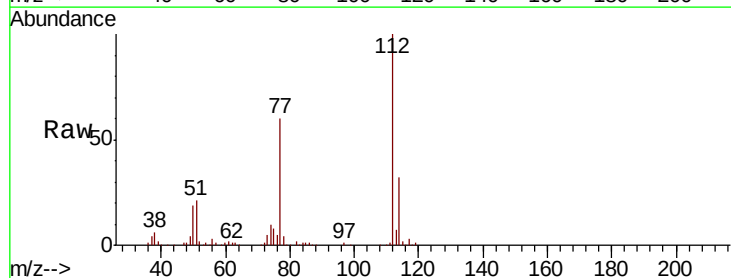
Instrument :
MSVOA_U
ClientSampleId :
DB3Q2MS

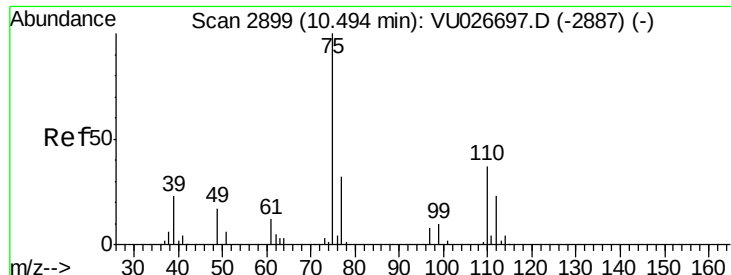
Tgt Ion: 75 Resp: 1441
Ion Ratio Lower Upper
75 100
77 41.4 22.4 41.6



#51
Chlorobenzene
Concen: 51.138 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026713.D
Acq: 12 Sep 2018 19:44

Tgt Ion: 112 Resp: 182536
Ion Ratio Lower Upper
112 100
114 32.2 22.9 42.5
77 60.1 47.2 70.8





#59
 1,2,3-Trichloropropane
 Concen: 5.415 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026713.D
 Acq: 12 Sep 2018 19:44

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q2MS

Tgt Ion: 75 Resp: 9387
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.8 38.6

