

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
 Data File : VU026714.D
 Acq On : 12 Sep 2018 20:07
 Operator : MD/SY
 Sample : J4868-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q2MSD

Quant Time: Sep 13 03:41:41 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	202667	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54889	36.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.68%
7) Chloroethane-d5	1.67	69	48750	40.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.12%
11) 1,1-Dichloroethene-d2	2.27	63	110367	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.66%
21) 2-Butanone-d5	4.18	46	105869	112.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.64%
24) Chloroform-d	4.65	84	112320	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
26) 1,2-Dichloroethane-d4	5.31	65	75970	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
32) Benzene-d6	5.34	84	224022	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
36) 1,2-Dichloropropane-d6	6.33	67	79007	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.57	98	201491	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%
43) trans-1,3-Dichloropropene-	7.85	79	34589	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.42%
47) 2-Hexanone-d5	8.31	63	76515	115.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111582	50.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	81524	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

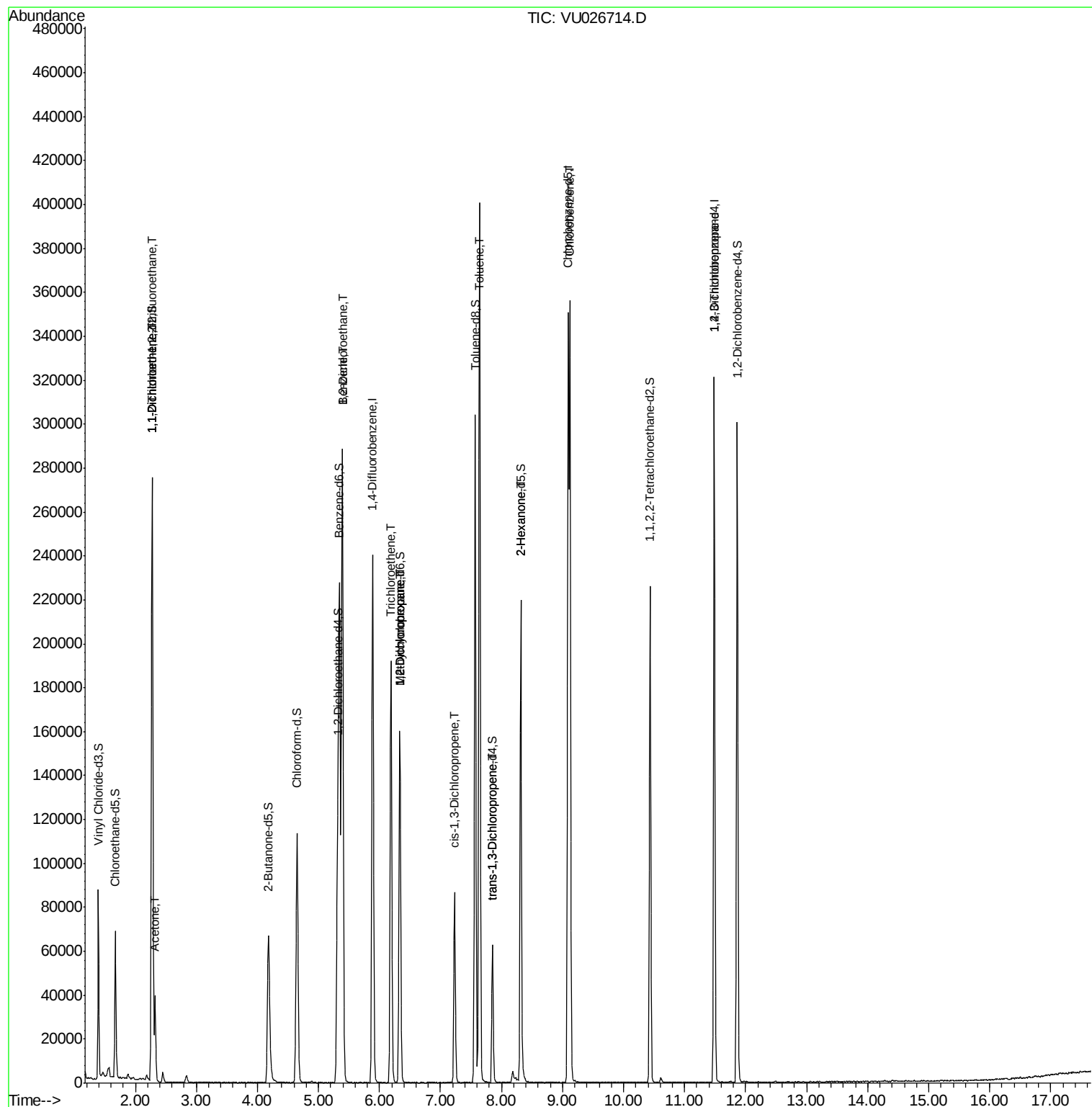
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	870	0.699	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	61063	51.098	ug/L	96
13) Acetone	2.32	43	37495	35.027	ug/L	98
27) 1,2-Dichloroethane	5.39	62	2612	1.333	ug/L #	75
33) Benzene	5.39	78	281222	53.584	ug/L	100
34) Trichloroethene	6.19	95	66999	51.361	ug/L	98
35) Methylcyclohexane	6.33	83	17580	8.419	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	8111	5.532	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2069	0.954	ug/L	83
42) Toluene	7.64	91	289594	53.237	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	1464	0.725	ug/L	95
48) 2-Hexanone	8.31	43	8710	5.516	ug/L #	66
51) Chlorobenzene	9.12	112	183225	51.299	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	9528	5.492	ug/L	90

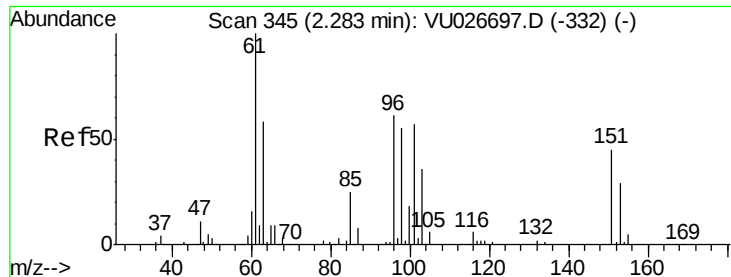
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 13 03:38:50 2018
Response via : Initial Calibration





#10

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

Concen: 0.699 ug/L

RT: 2.27 min Scan# 340

Delta R.T. -0.02 min

Lab File: VU026714.D

Acq: 12 Sep 2018 20:07

Instrument :

MSVOA_U

ClientSampleId :

DB3Q2MSD

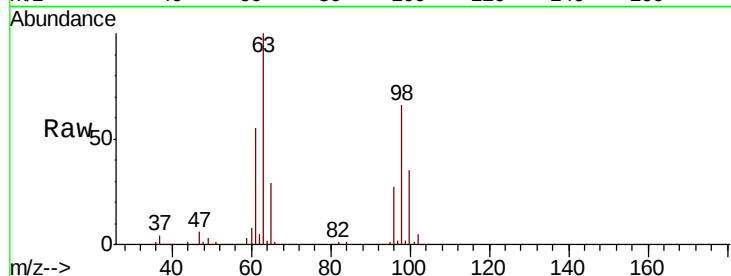
Tgt Ion: 101 Resp: 870

Ion Ratio Lower Upper

101 100

85 0.0 34.1 51.1#

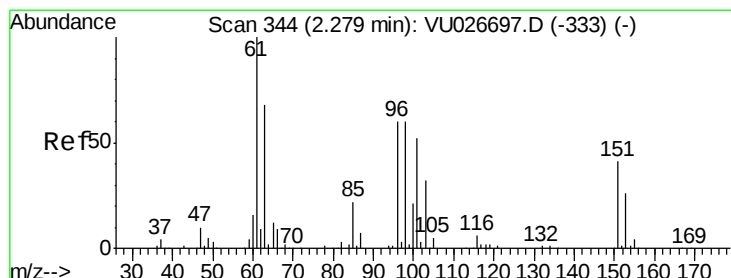
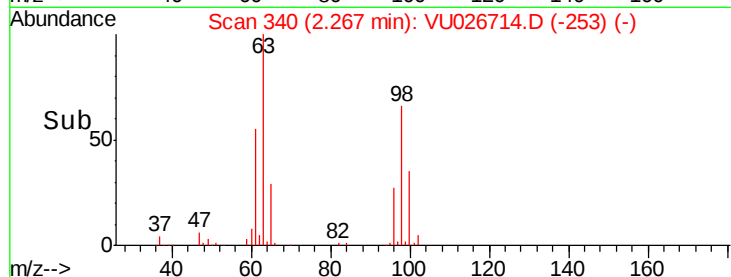
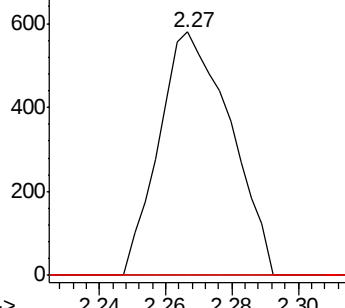
151 0.0 62.6 94.0#



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



#12

1,1-Dichloroethene

Concen: 51.098 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU026714.D

Acq: 12 Sep 2018 20:07

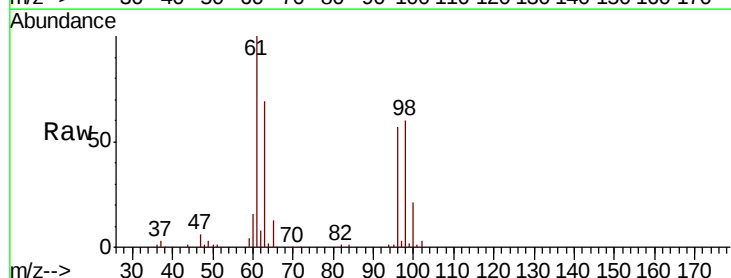
Tgt Ion: 96 Resp: 61063

Ion Ratio Lower Upper

96 100

61 174.8 121.0 224.8

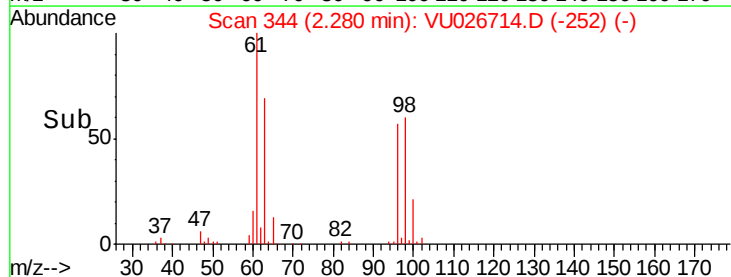
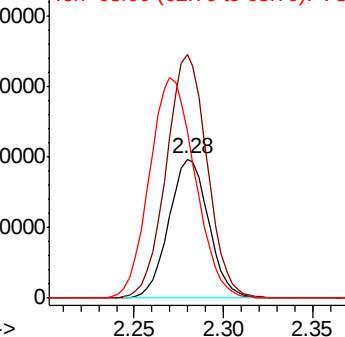
63 120.1 89.9 166.9

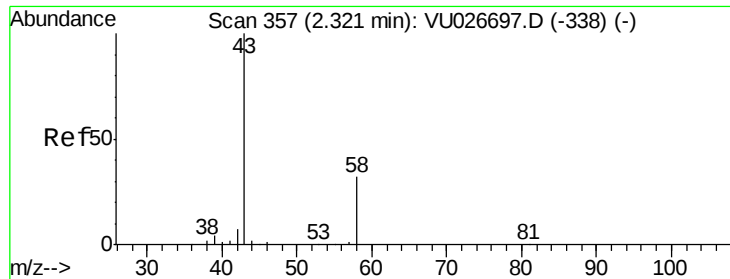


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 35.027 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026714.D

Acq: 12 Sep 2018 20:07

Instrument :

MSVOA_U

ClientSampleId :

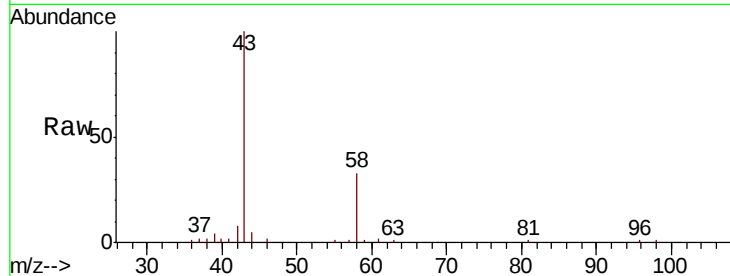
DB3Q2MSD

Tgt Ion: 43 Resp: 37495

Ion Ratio Lower Upper

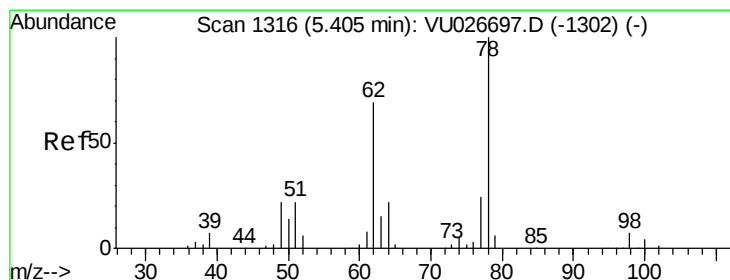
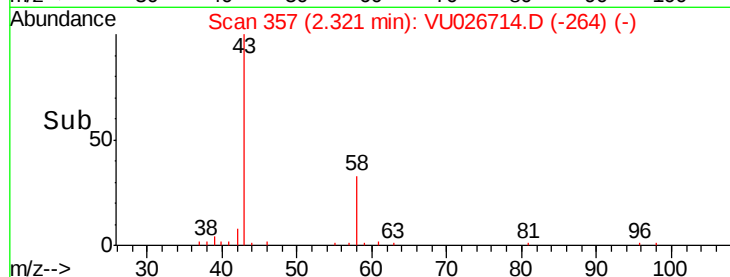
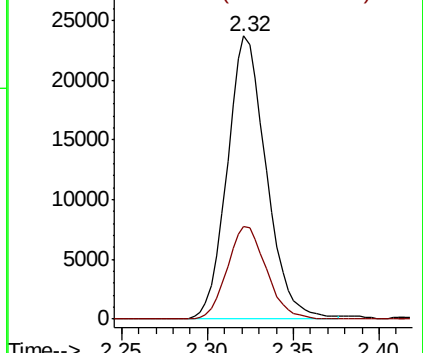
43 100

58 32.5 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

1,2-Dichloroethane

Concen: 1.333 ug/L

RT: 5.39 min Scan# 1311

Delta R.T. -0.02 min

Lab File: VU026714.D

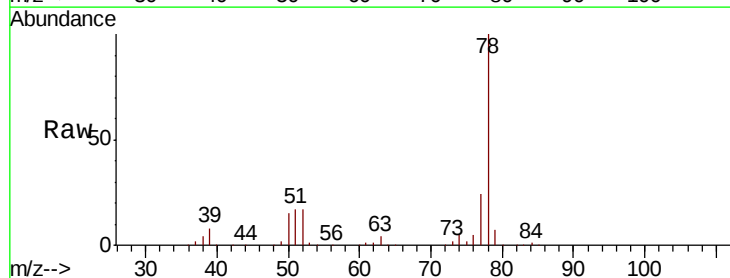
Acq: 12 Sep 2018 20:07

Tgt Ion: 62 Resp: 2612

Ion Ratio Lower Upper

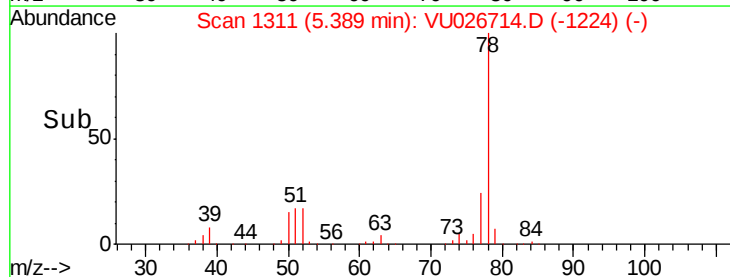
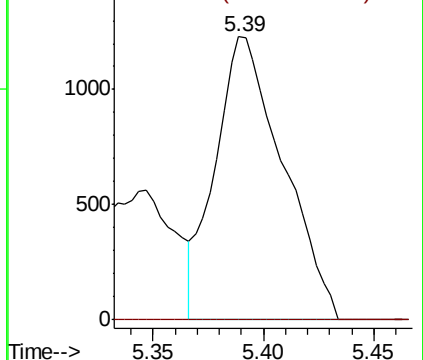
62 100

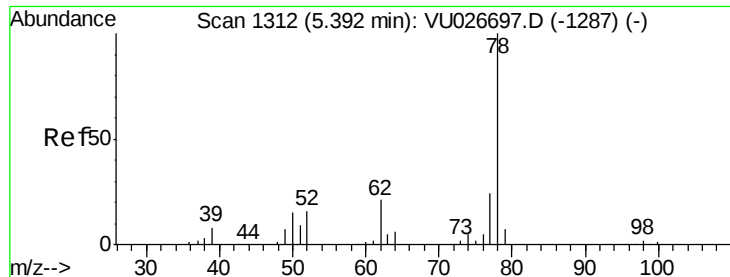
98 0.0 7.4 11.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#33

Benzene

Concen: 53.584 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU026714.D

Acq: 12 Sep 2018 20:07

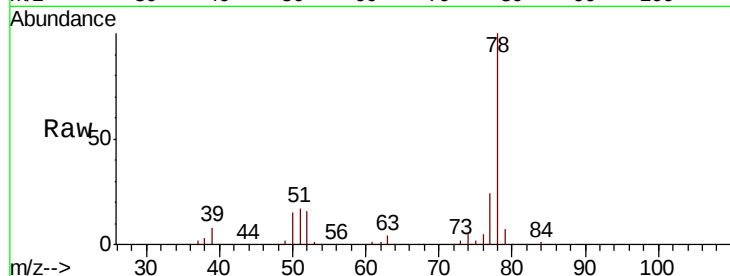
Instrument :

MSVOA_U

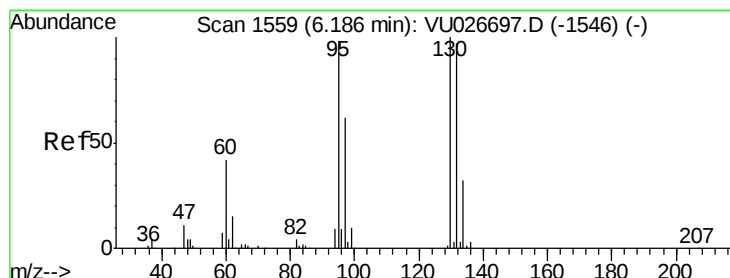
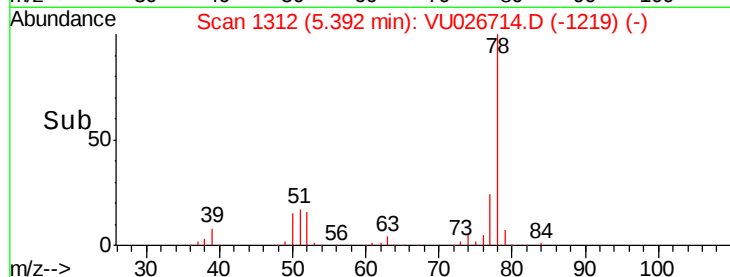
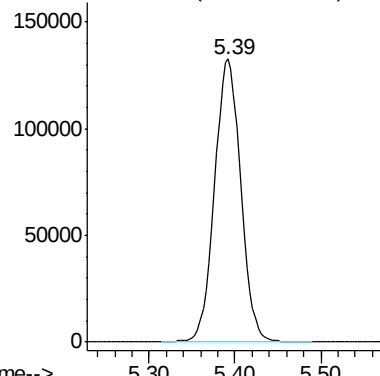
ClientSampleId :

DB3Q2MSD

Tgt Ion: 78 Resp: 281222



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 51.361 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU026714.D

Acq: 12 Sep 2018 20:07

Tgt Ion: 95 Resp: 66999

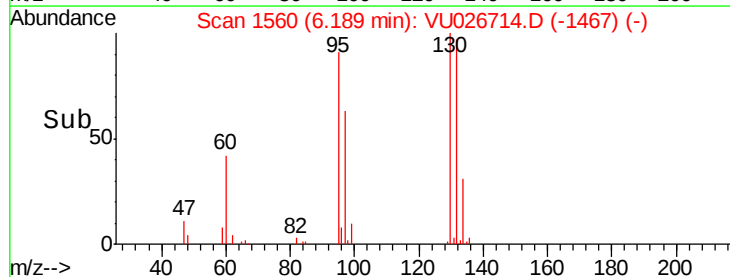
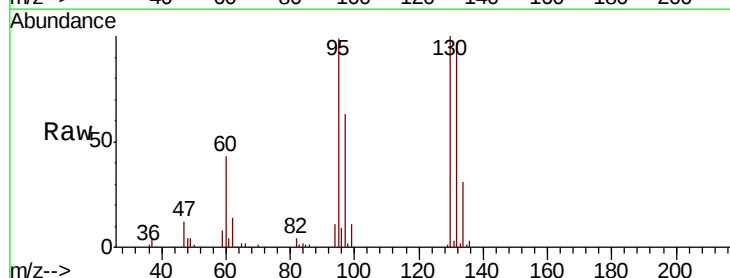
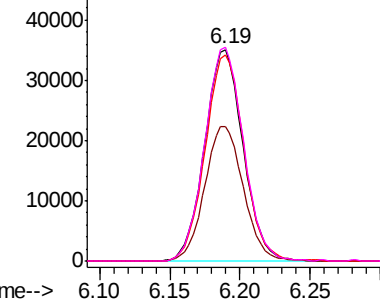
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.9	83.5
132	97.7	69.7	129.5
130	101.0	72.4	134.4

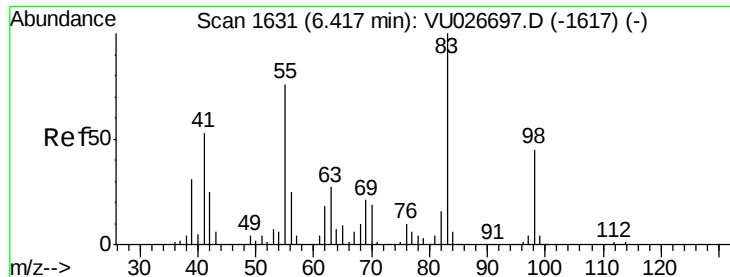
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

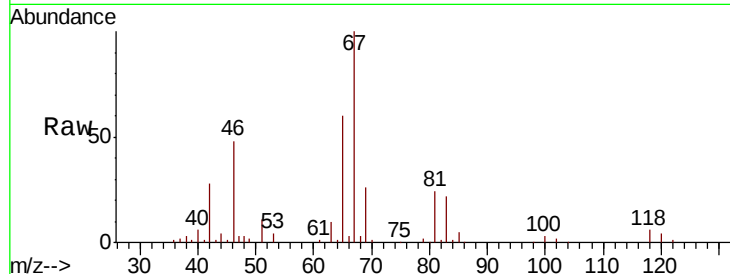




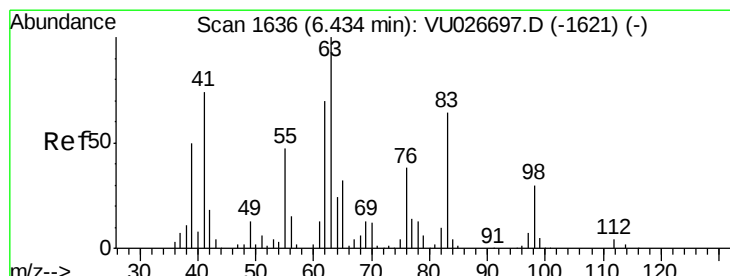
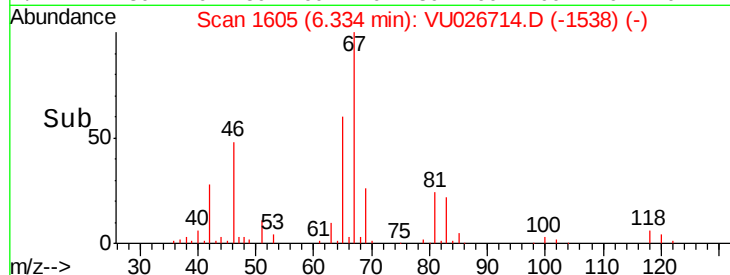
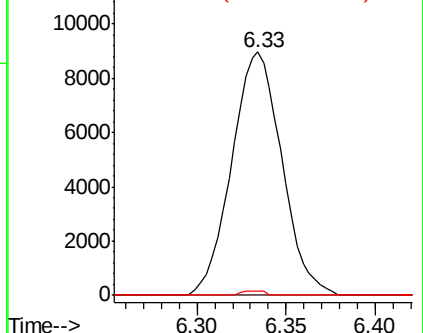
#35
Methylcyclohexane
Concen: 8.419 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026714.D
Acq: 12 Sep 2018 20:07

Instrument :
MSVOA_U
ClientSampleId :
DB3Q2MSD

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.8	37.0	55.4#

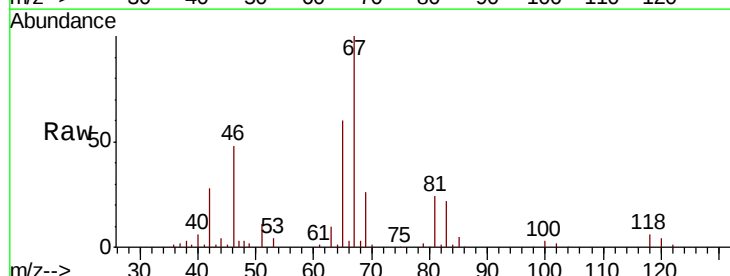


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

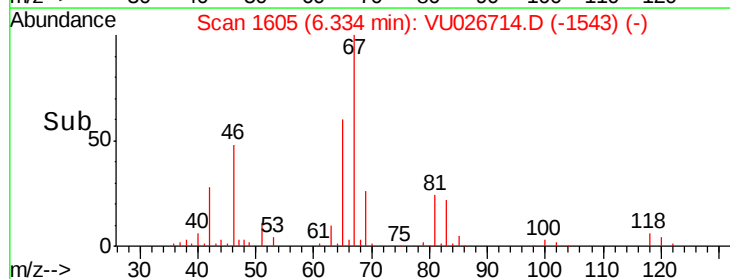
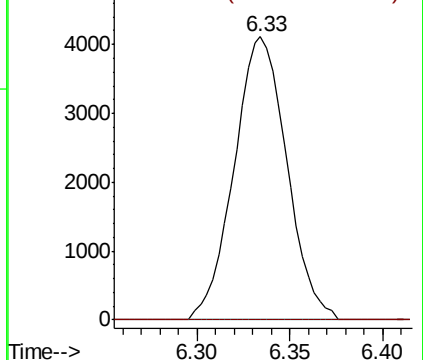


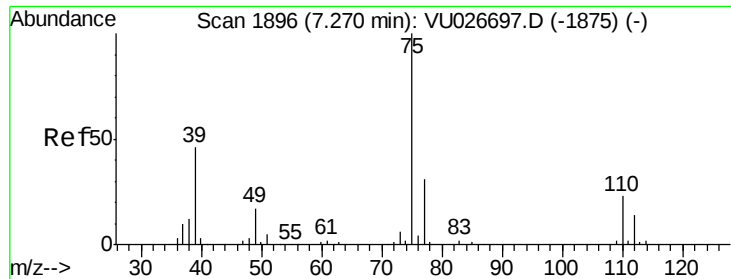
#37
1,2-Dichloropropane
Concen: 5.532 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026714.D
Acq: 12 Sep 2018 20:07

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

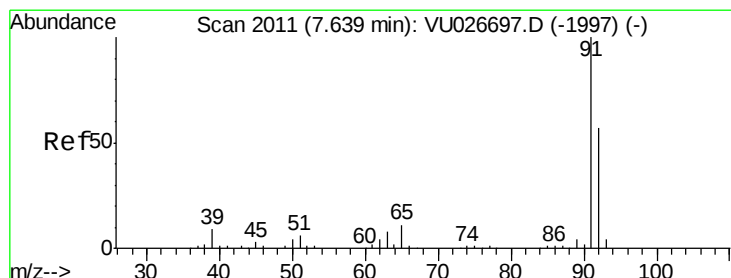
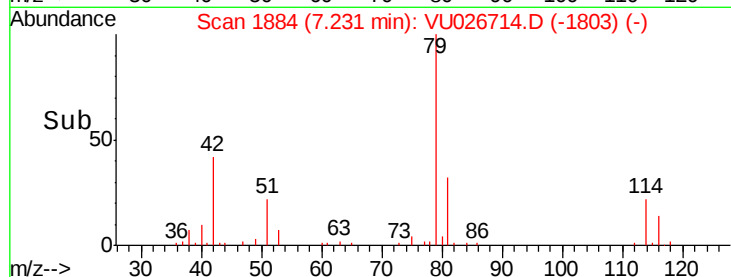
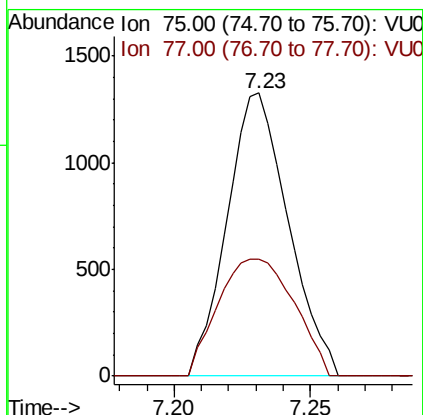
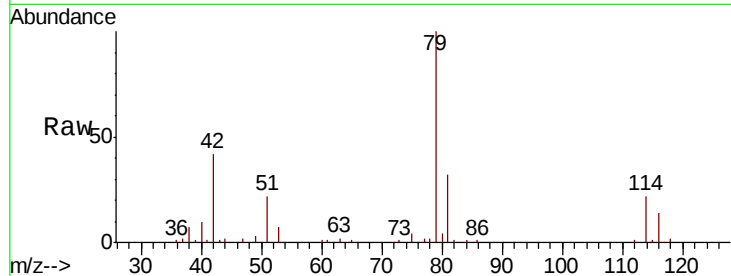




#39
 cis-1,3-Dichloropropene
 Concen: 0.954 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026714.D
 Acq: 12 Sep 2018 20:07

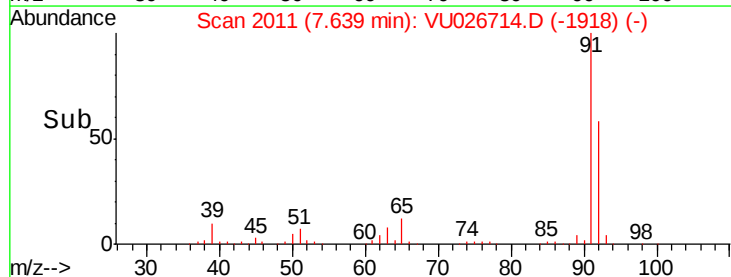
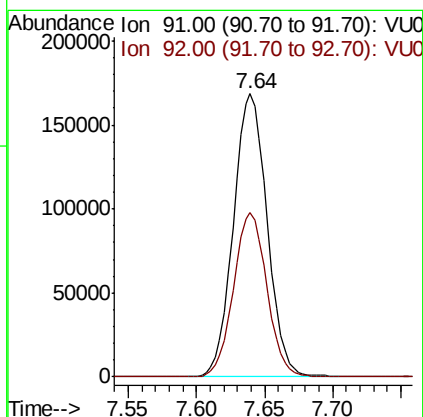
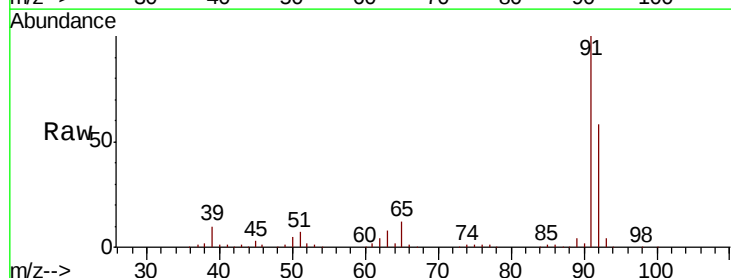
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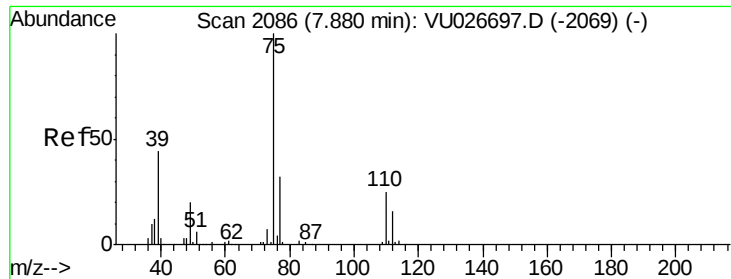
Tgt Ion: 75 Resp: 2069
 Ion Ratio Lower Upper
 75 100
 77 41.2 22.3 41.3



#42
 Toluene
 Concen: 53.237 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: VU026714.D
 Acq: 12 Sep 2018 20:07

Tgt Ion: 91 Resp: 289594
 Ion Ratio Lower Upper
 91 100
 92 57.9 40.3 74.9

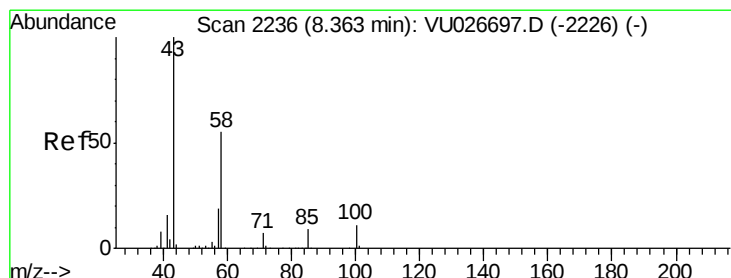
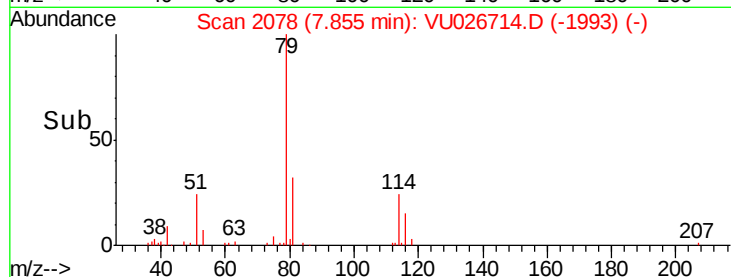
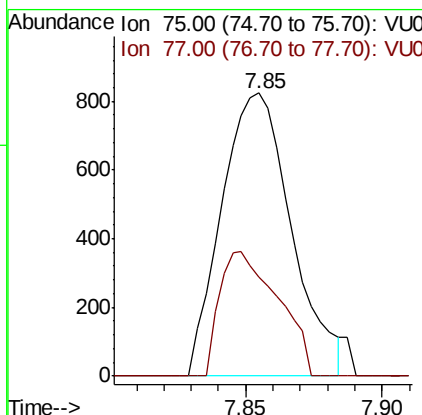
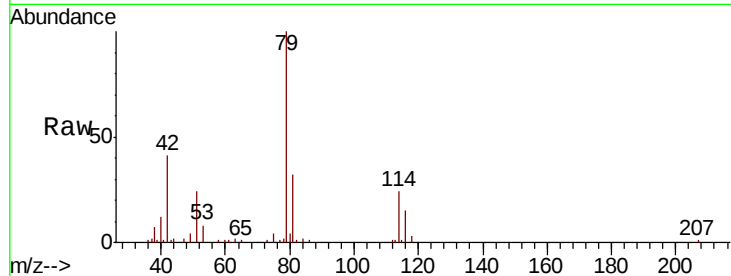




#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU026714.D
Acq: 12 Sep 2018 20:07

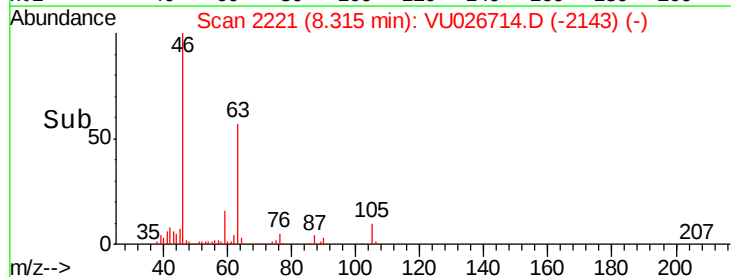
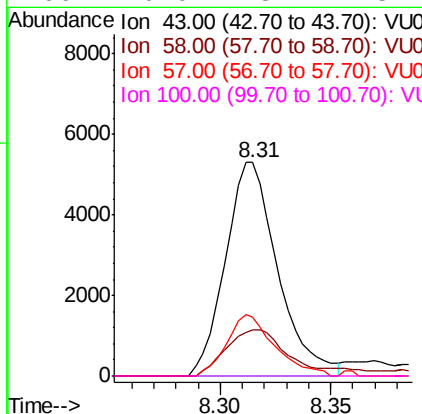
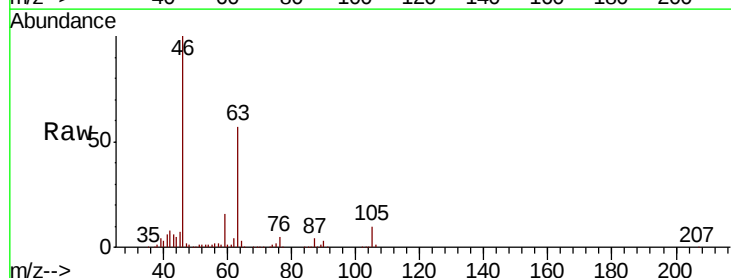
Instrument :
MSVOA_U
ClientSampleId :
DB3Q2MSD

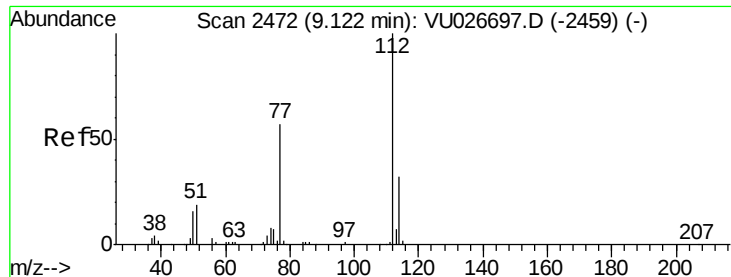
Tgt Ion: 75 Resp: 1464
Ion Ratio Lower Upper
75 100
77 35.0 22.4 41.6



#48
2-Hexanone
Concen: 5.516 ug/L
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU026714.D
Acq: 12 Sep 2018 20:07

Tgt Ion: 43 Resp: 8710
Ion Ratio Lower Upper
43 100
58 24.2 42.2 63.4#
57 26.4 14.4 21.6#
100 0.0 8.7 13.1#

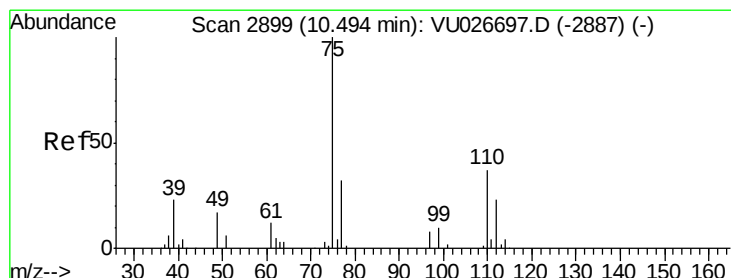
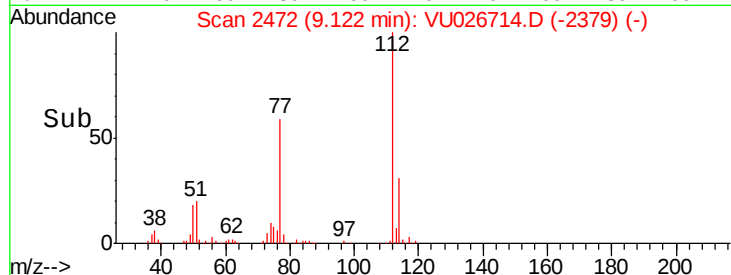
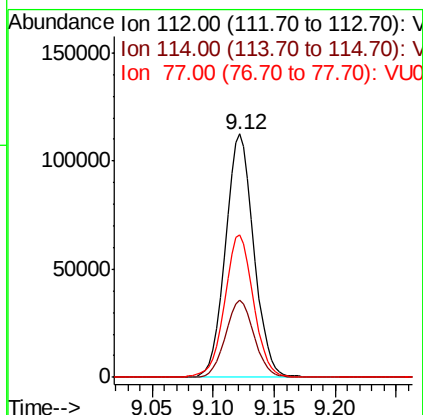
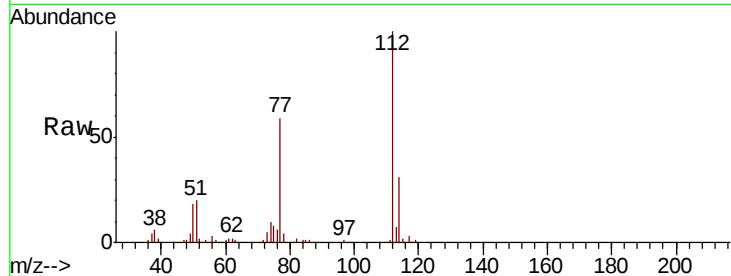




#51
Chlorobenzene
Concen: 51.299 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026714.D
Acq: 12 Sep 2018 20:07

Instrument :
MSVOA_U
ClientSampleId :
DB3Q2MSD

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.9	42.5
77	58.8	47.2	70.8



#59
1,2,3-Trichloropropane
Concen: 5.492 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026714.D
Acq: 12 Sep 2018 20:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.8	38.6

