

Data File : VU032491.D
Acq On : 06 Jun 2019 12:58
Operator : JC/SP
Sample : K3213-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8J6

Quant Time: Jun 07 04:10:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	217479	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	204088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101555	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	50232	35.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.20%
7) Chloroethane-d5	1.68	69	44676	39.40	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.27	63	81030	29.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.66%#
21) 2-Butanone-d5	4.17	46	113571	96.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.18%
24) Chloroform-d	4.64	84	117204	44.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.08%
26) 1,2-Dichloroethane-d4	5.30	65	79895	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
32) Benzene-d6	5.33	84	242665	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.32	67	78656	47.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.68%
41) Toluene-d8	7.56	98	235019	46.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%
43) trans-1,3-Dichloropropene-	7.85	79	36547	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.94%
47) 2-Hexanone-d5	8.31	63	76211	94.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.57%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114210	47.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	98414	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

Target Compounds

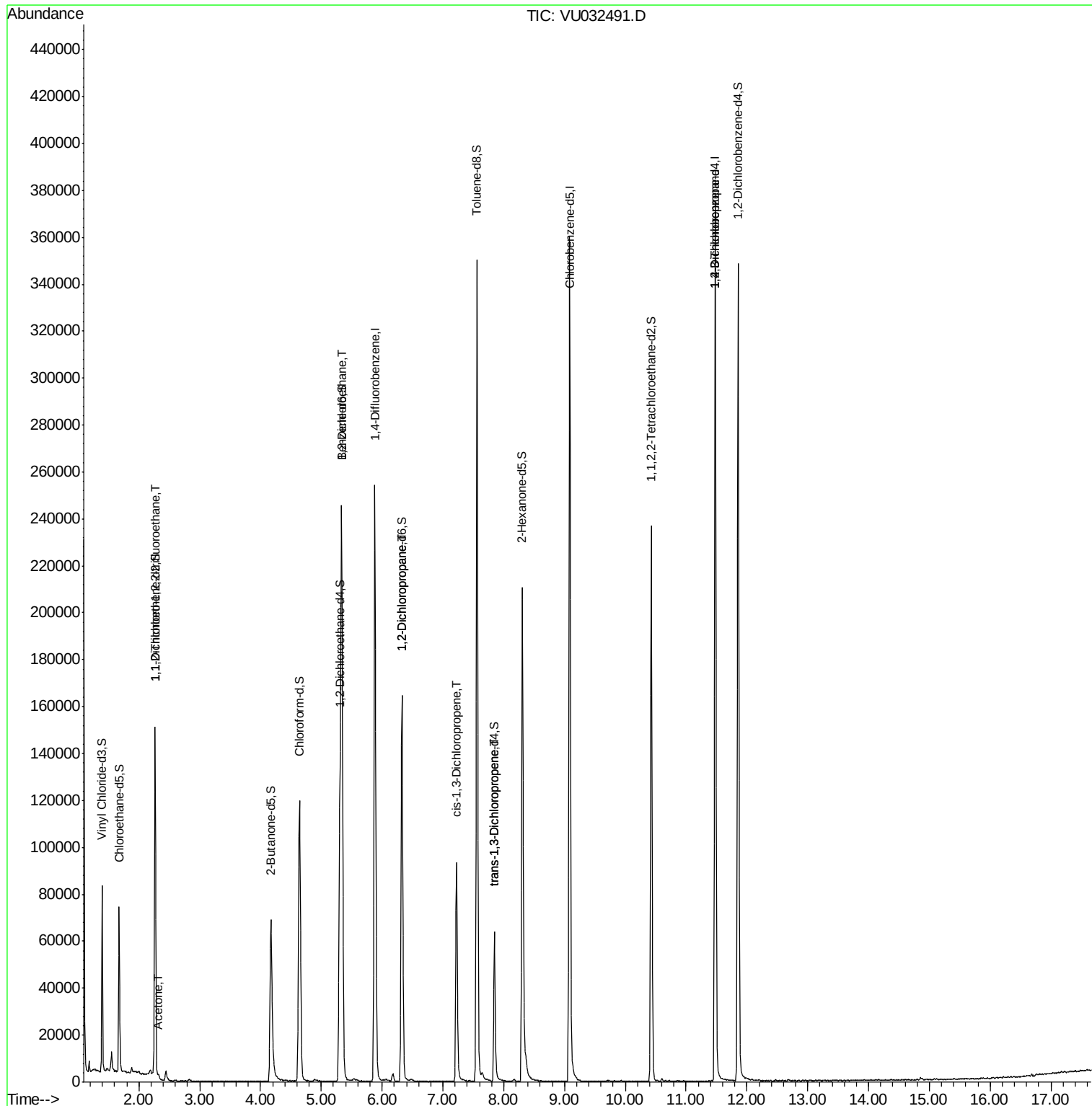
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	771	0.580	ug/L #	18
13) Acetone	2.32	43	1335	1.096	ug/L	82
27) 1,2-Dichloroethane	5.34	62	1343	0.646	ug/L #	75
37) 1,2-Dichloropropane	6.32	63	8775	5.773	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2611	1.089	ug/L #	58
44) trans-1,3-Dichloropropene	7.84	75	1628	0.765	ug/L	88
59) 1,2,3-Trichloropropane	11.48	75	11755	5.949	ug/L	90

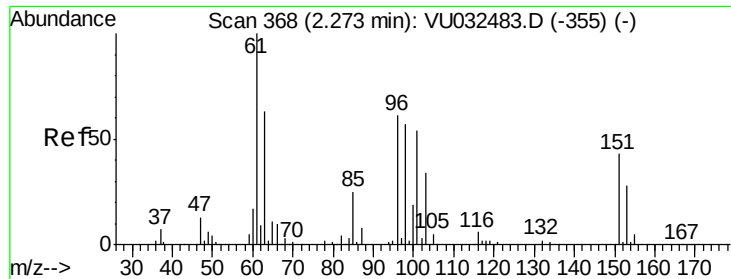
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.580 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032491.D

Acq: 06 Jun 2019 12:58

Instrument :

MSVOA_U

ClientSampleId :

DB8J6

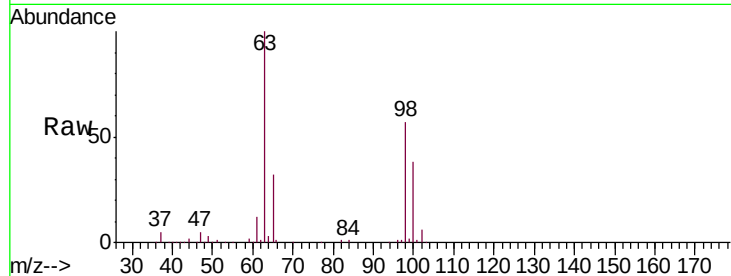
Tgt Ion:101 Resp: 771

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

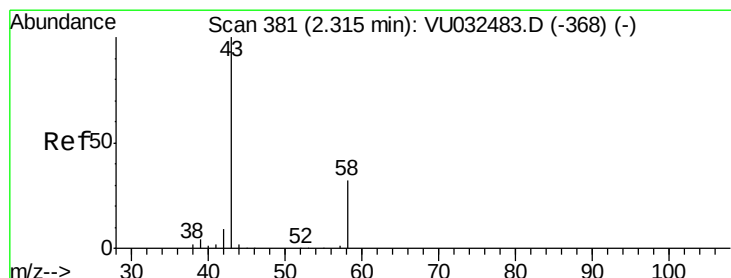
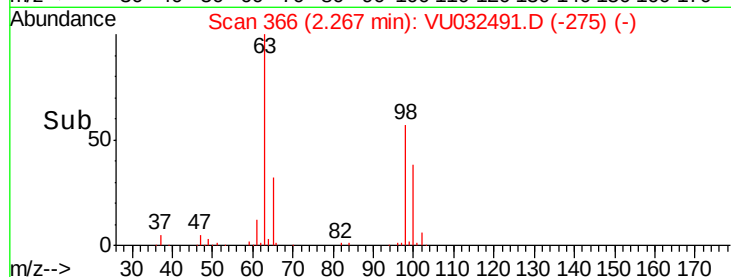
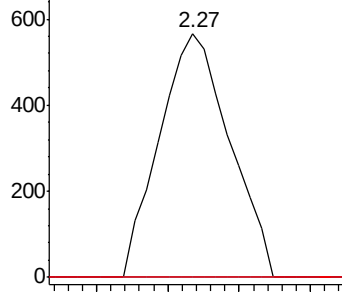
151 0.0 63.0 94.4#



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



#13

Acetone

Concen: 1.096 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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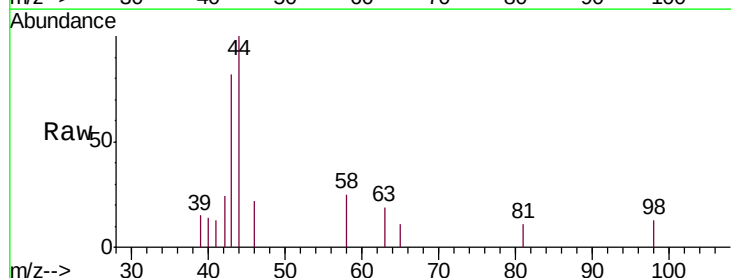
Acq: 06 Jun 2019 12:58

Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

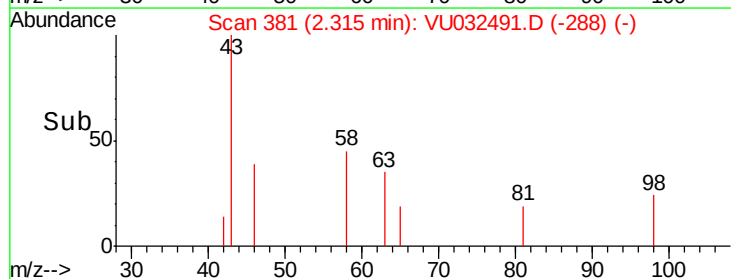
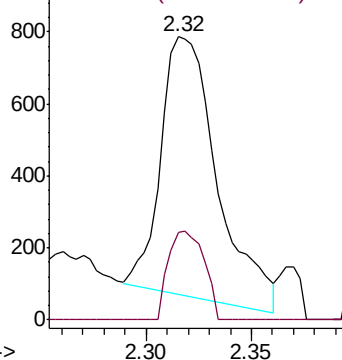
43 100

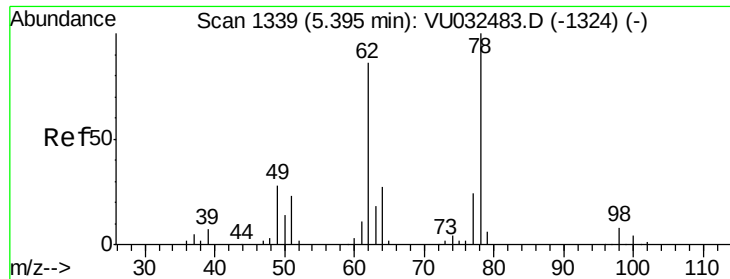
58 21.7 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

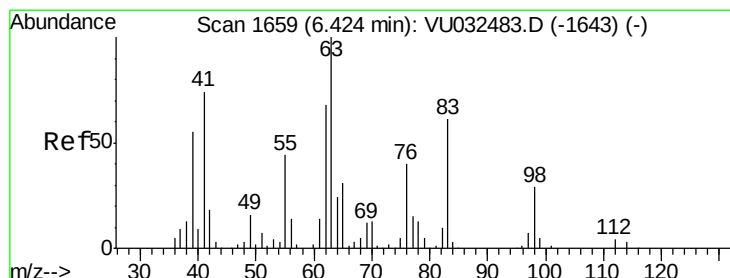
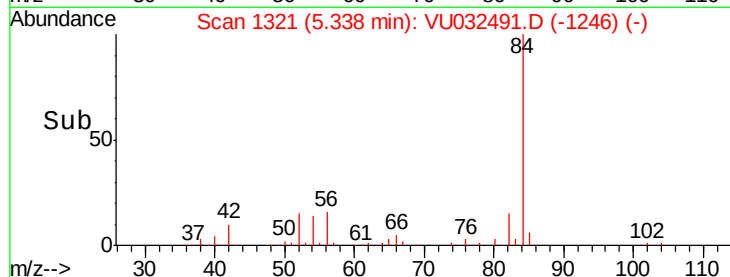
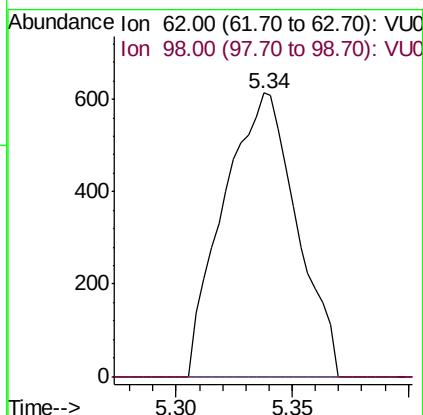
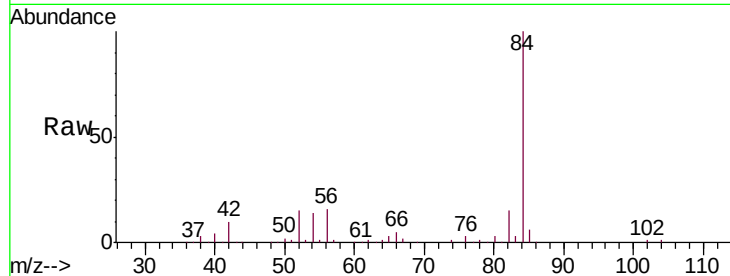




#27
 1,2-Dichloroethane
 Concen: 0.646 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032491.D
 Acq: 06 Jun 2019 12:58

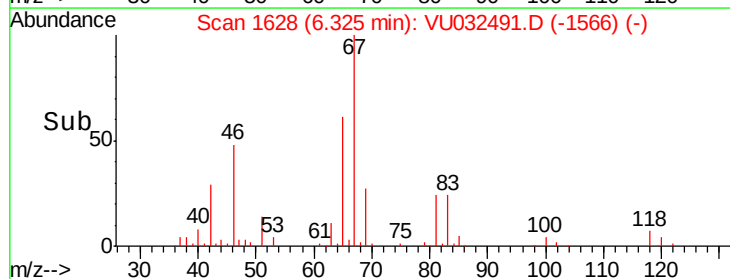
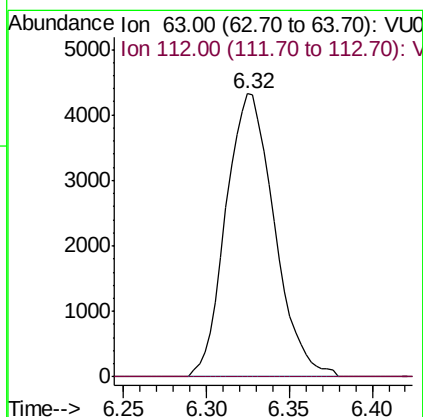
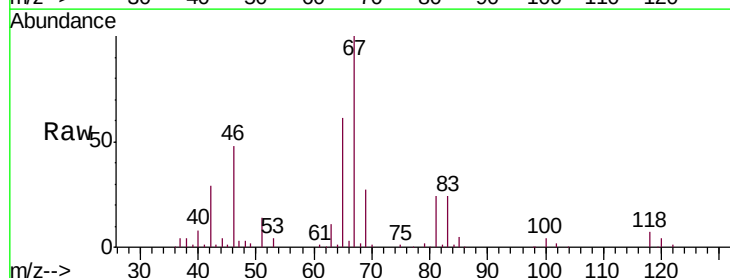
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J6

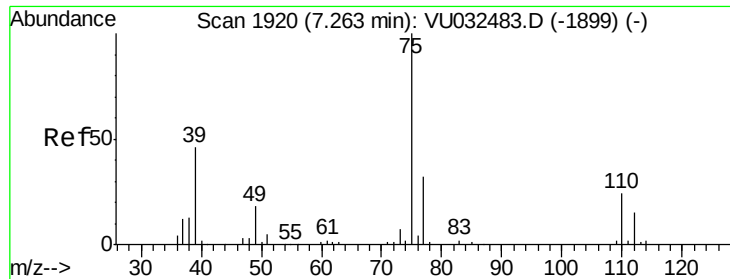
Tgt Ion: 62 Resp: 1343
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#37
 1,2-Dichloropropane
 Concen: 5.773 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032491.D
 Acq: 06 Jun 2019 12:58

Tgt Ion: 63 Resp: 8775
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#

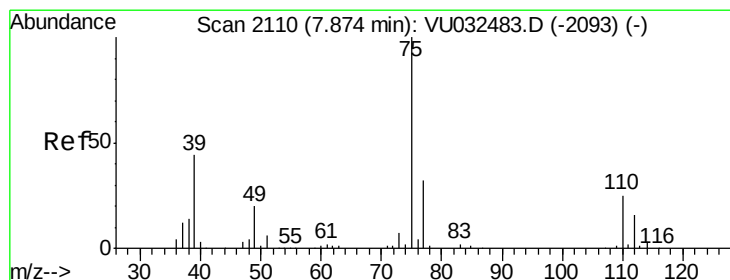
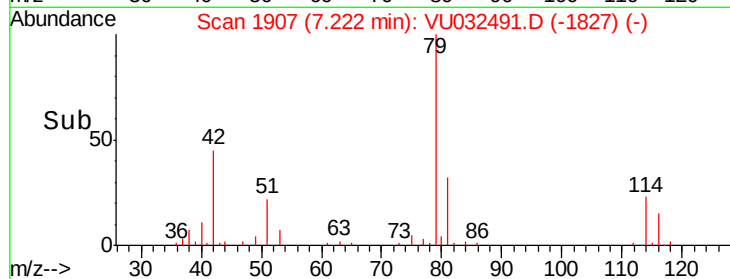
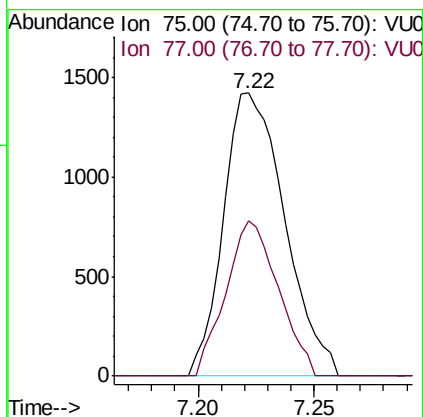
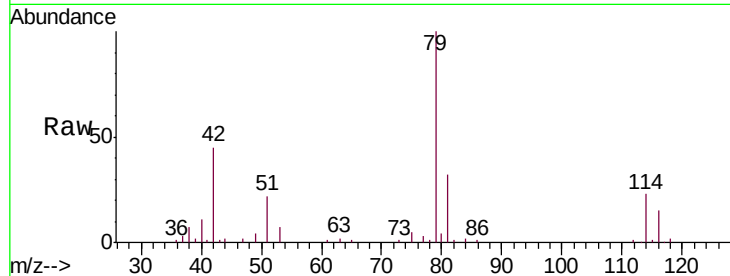




#39
 cis-1,3-Dichloropropene
 Concen: 1.089 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032491.D
 Acq: 06 Jun 2019 12:58

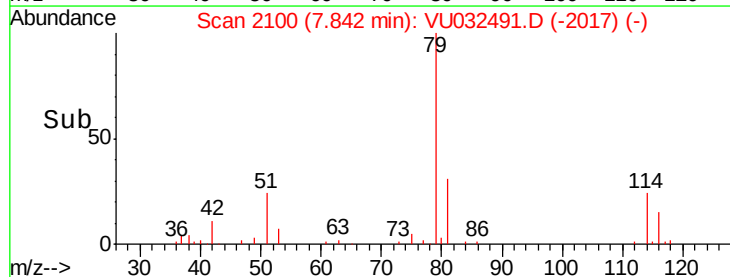
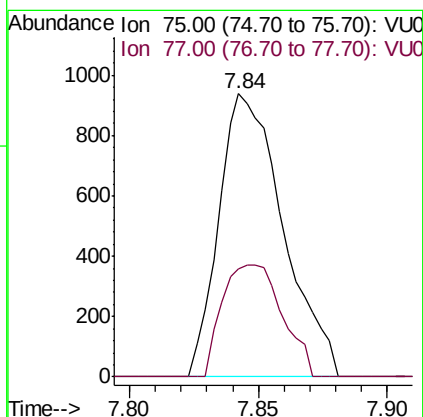
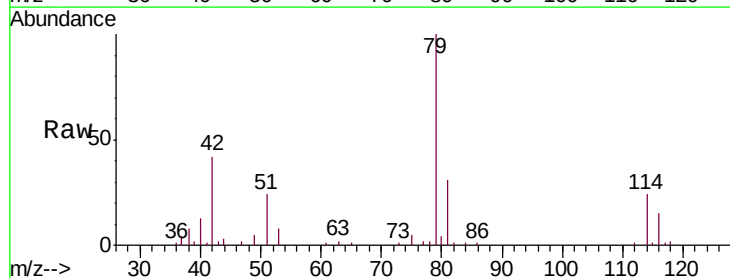
Instrument :
 MSVOA_U
 ClientSampleId :
 DB8J6

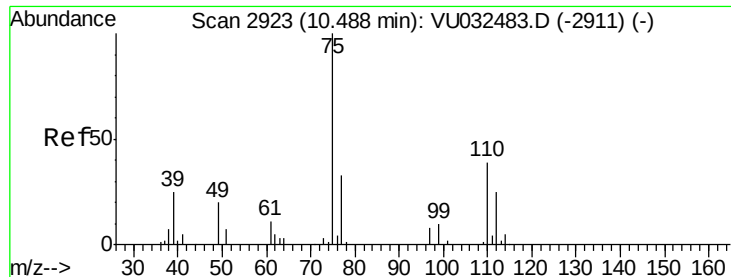
Tgt Ion: 75 Resp: 2611
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.0 41.0#



#44
 trans-1,3-Dichloropropene
 Concen: 0.765 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032491.D
 Acq: 06 Jun 2019 12:58

Tgt Ion: 75 Resp: 1628
 Ion Ratio Lower Upper
 75 100
 77 38.3 22.1 41.1





#59

1,2,3-Trichloropropane

Concen: 5.949 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032491.D

Acq: 06 Jun 2019 12:58

Instrument :

MSVOA_U

ClientSampleId :

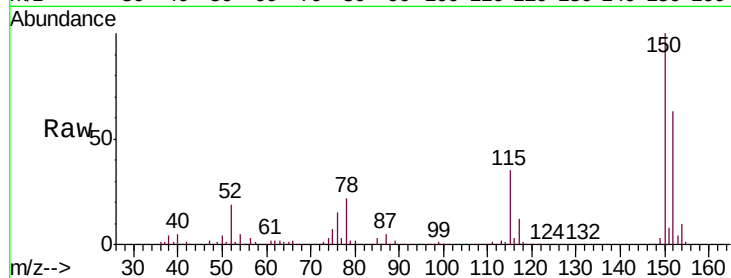
DB8J6

Tgt Ion: 75 Resp: 11755

Ion Ratio Lower Upper

75 100

77 37.7 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

