

Data File : VU032698.D
Acq On : 13 Jun 2019 16:49
Operator : JC/SP
Sample : VU0614WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK30

Quant Time: Jun 14 07:41:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	99648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	94620	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47185	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30551	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.68	69	24661	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.27	63	48901	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.19	46	90429	50.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.02%
24) Chloroform-d	4.64	84	61482	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.31	65	34399	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
32) Benzene-d6	5.33	84	124045	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.32	67	38791	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.56	98	112027	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	7.85	79	14874	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.31	63	64473	41.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29763	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	45757	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

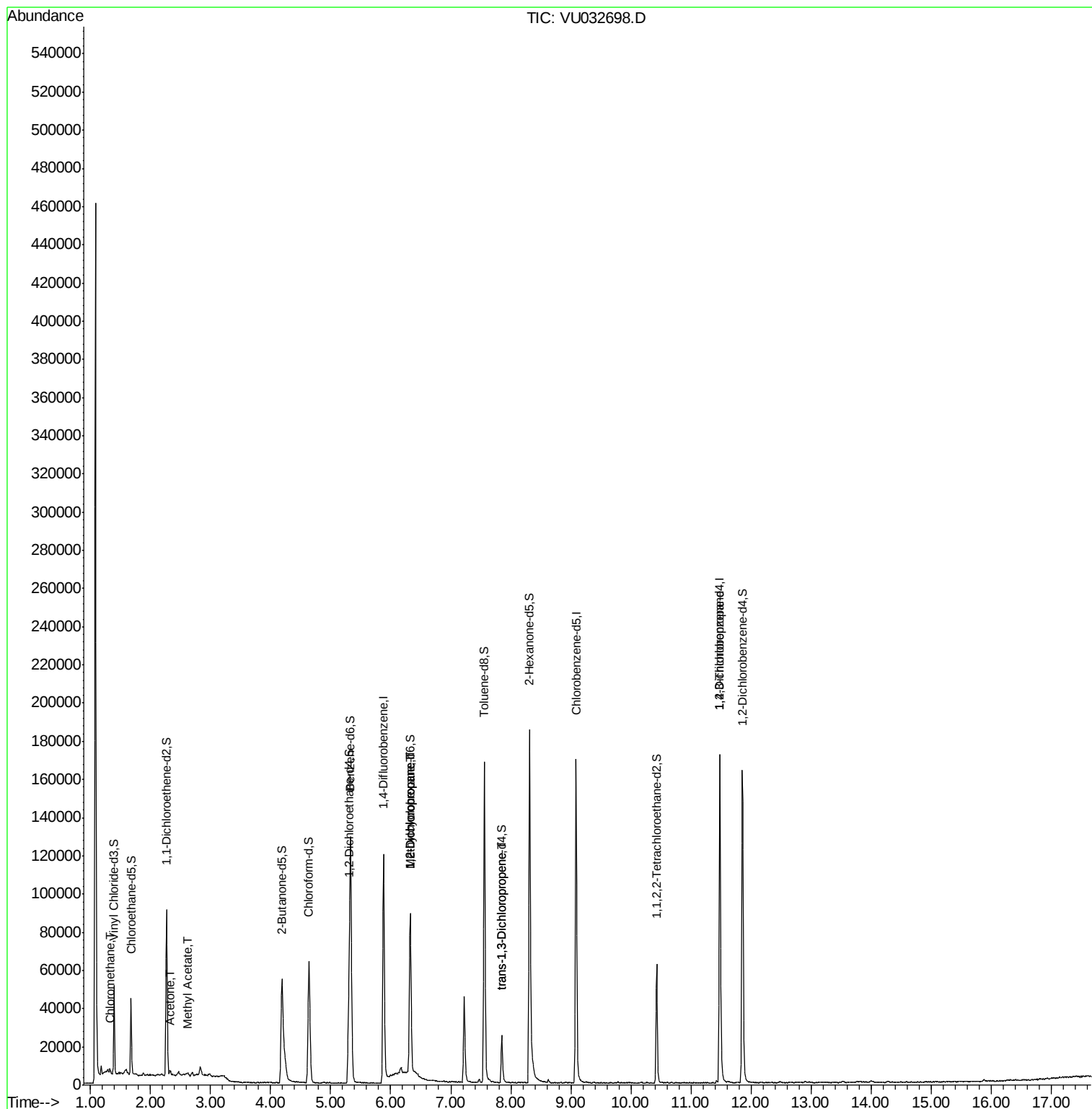
					Qvalue
3) Chloromethane	1.33	50	1744	0.197 ug/L	98
13) Acetone	2.33	43	1915	1.365 ug/L	81
15) Methyl Acetate	2.62	43	1573	0.409 ug/L	92
35) Methylcyclohexane	6.32	83	9197	0.713 ug/L #	23
37) 1,2-Dichloropropane	6.32	63	4442	0.615 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	747	0.084 ug/L	100
59) 1,2,3-Trichloropropene	11.48	75	6345	1.339 ug/L	96

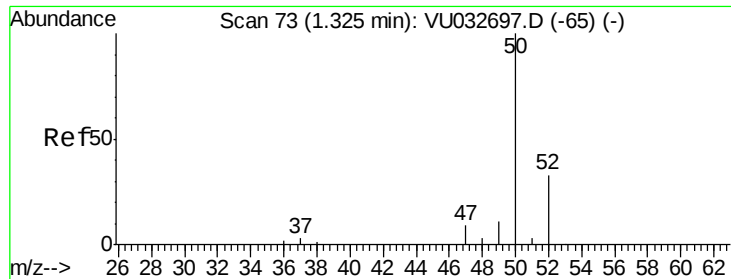
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.197 ug/L

RT: 1.33 min Scan# 136

Delta R.T. -0.00 min

Lab File: VU032698.D

Acq: 13 Jun 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

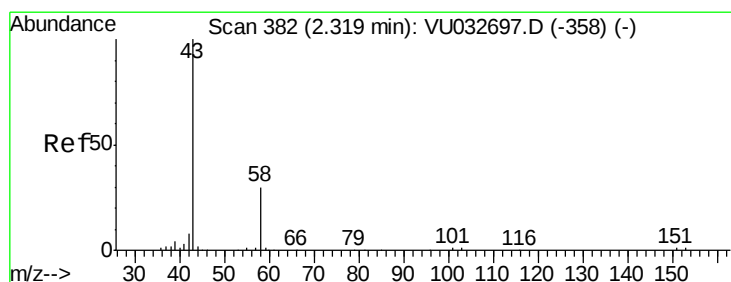
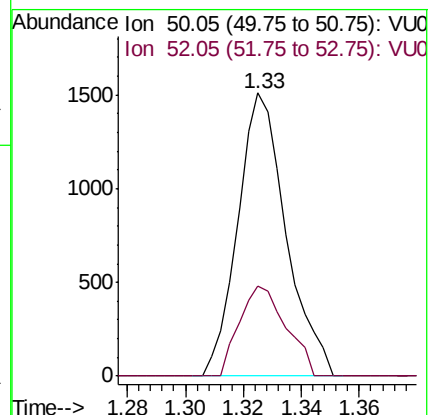
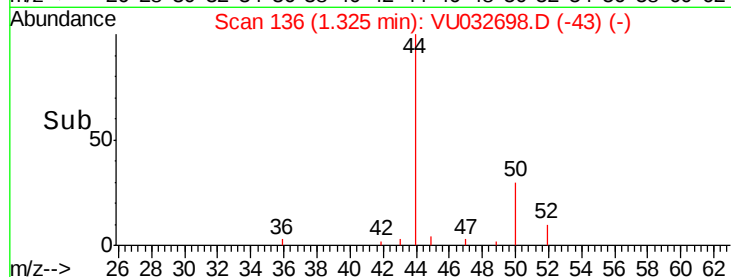
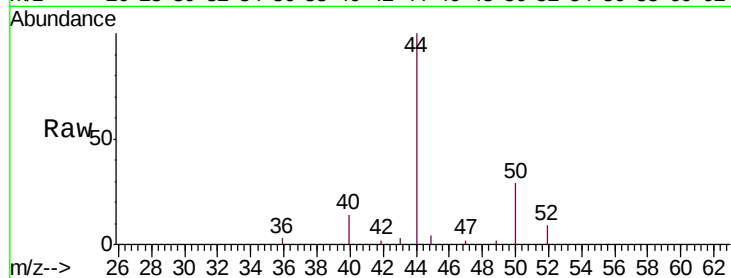
VBK30

Tgt Ion: 50 Resp: 1744

Ion Ratio Lower Upper

50 100

52 31.9 23.2 43.2



#13

Acetone

Concen: 1.365 ug/L

RT: 2.33 min Scan# 447

Delta R.T. 0.01 min

Lab File: VU032698.D

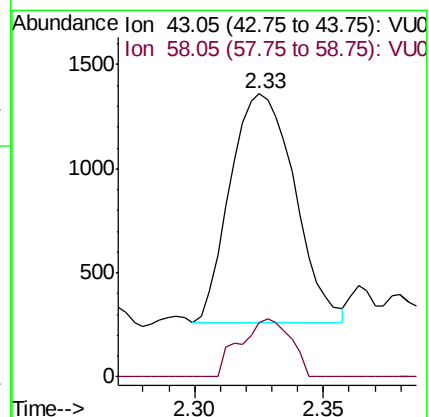
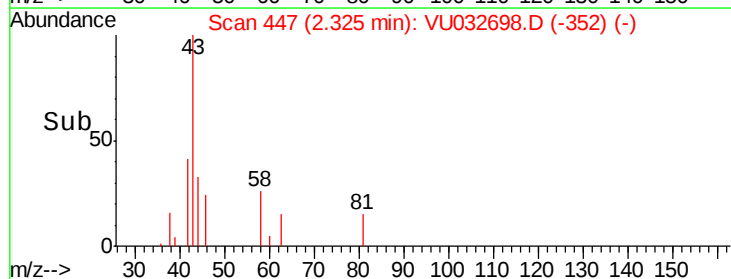
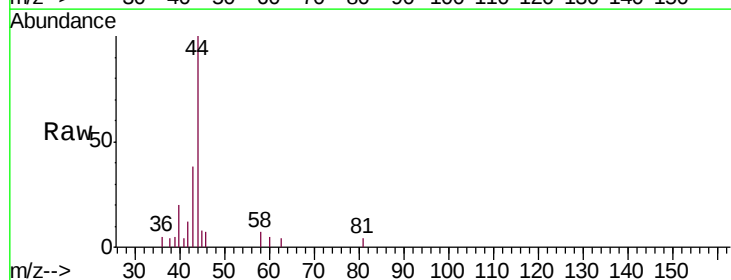
Acq: 13 Jun 2019 16:49

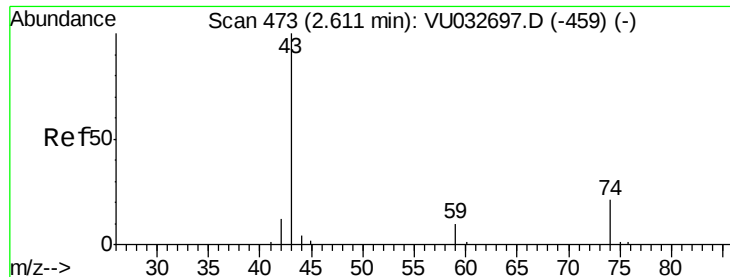
Tgt Ion: 43 Resp: 1915

Ion Ratio Lower Upper

43 100

58 20.0 0.0 60.8

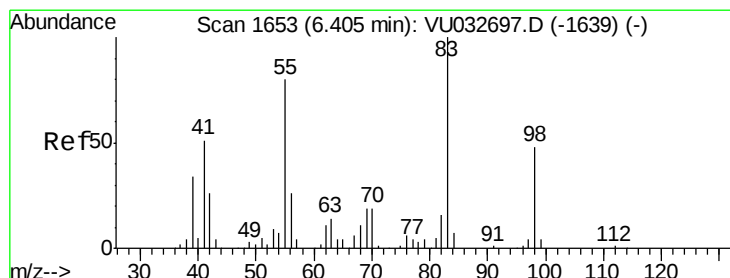
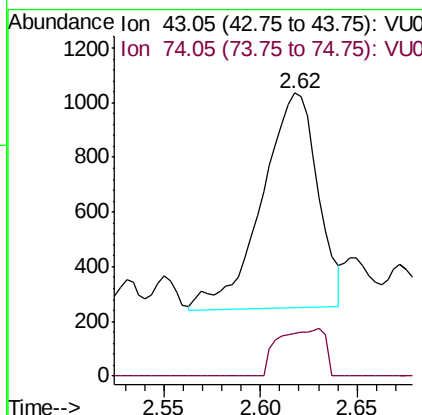
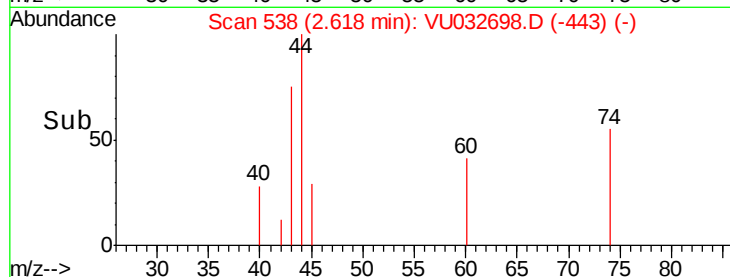
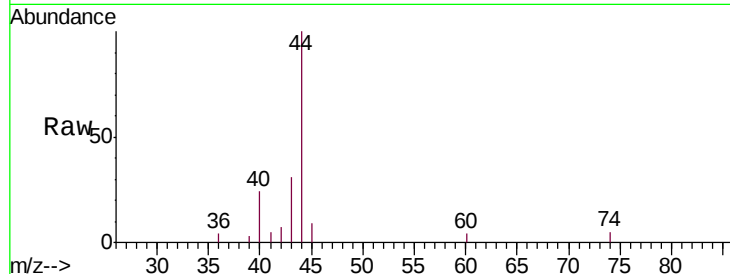




#15
Methyl Acetate
Concen: 0.409 ug/L
RT: 2.62 min Scan# 538
Delta R.T. 0.01 min
Lab File: VU032698.D
Acq: 13 Jun 2019 16:49

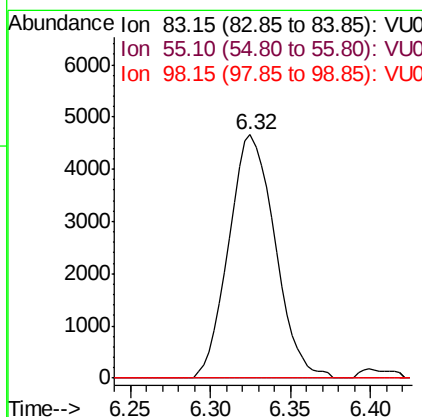
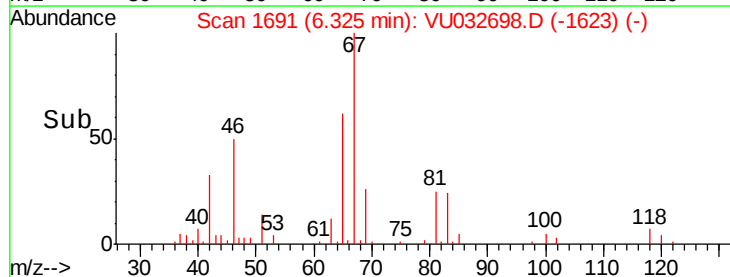
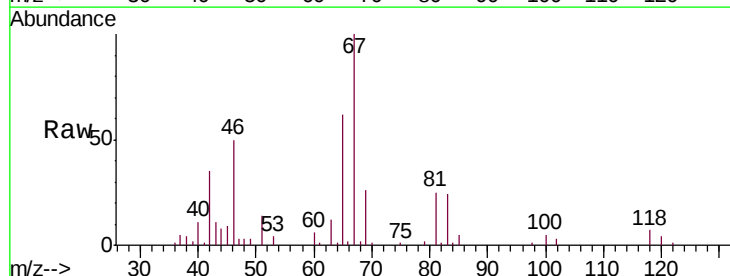
Instrument :
MSVOA_U
ClientSampled :
VBLK30

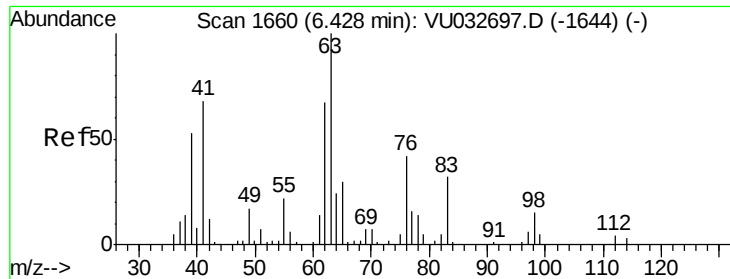
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
74 18.5 17.8 26.8



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.32 min Scan# 1691
Delta R.T. -0.08 min
Lab File: VU032698.D
Acq: 13 Jun 2019 16:49

Tgt Ion: 83 Resp: 9197
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 7.5 37.8 56.8#

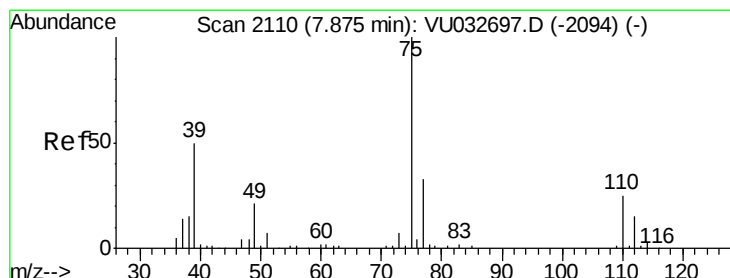
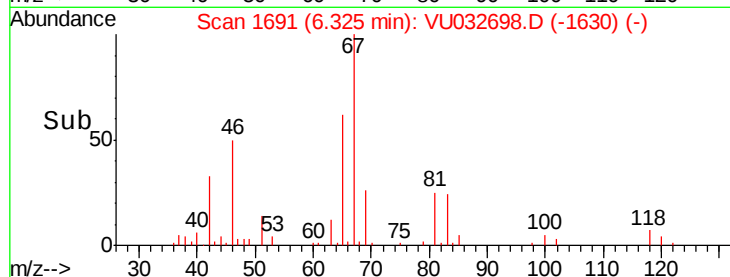
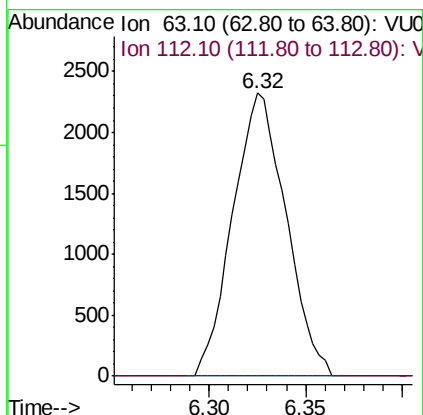
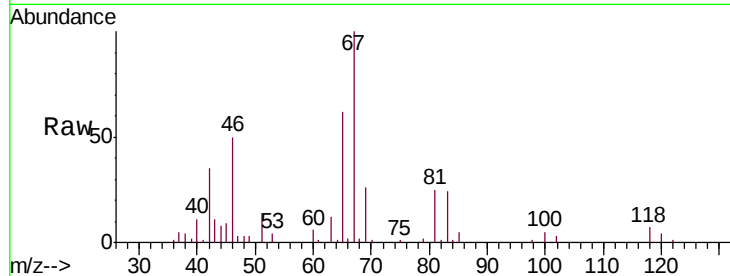




#37
 1,2-Dichloropropane
 Concen: 0.615 ug/L
 RT: 6.32 min Scan# 1691
 Delta R.T. -0.10 min
 Lab File: VU032698.D
 Acq: 13 Jun 2019 16:49

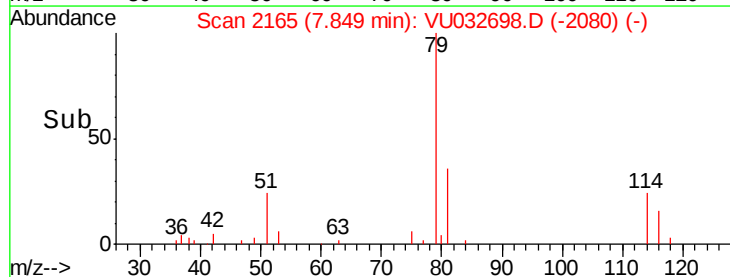
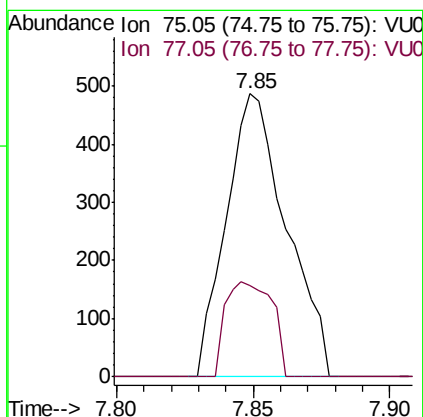
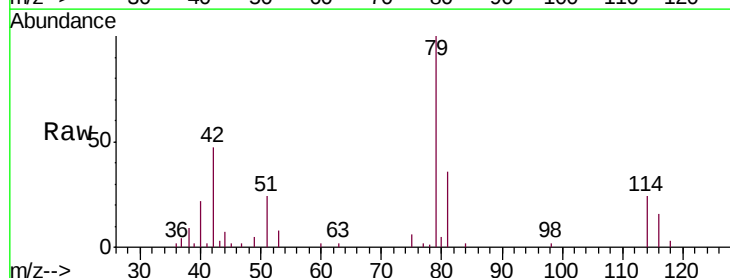
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK30

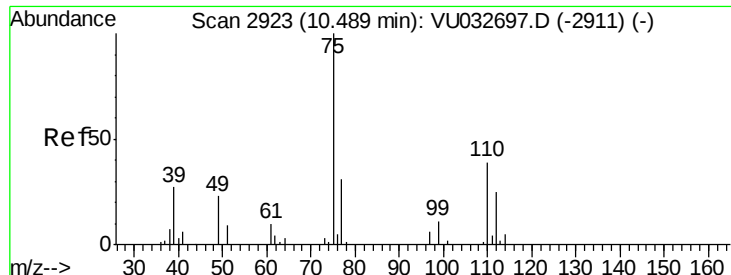
Tgt Ion: 63 Resp: 4442
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.85 min Scan# 2165
 Delta R.T. -0.03 min
 Lab File: VU032698.D
 Acq: 13 Jun 2019 16:49

Tgt Ion: 75 Resp: 747
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 1.339 ug/L

RT: 11.48 min Scan# 3294

Delta R.T. 0.99 min

Lab File: VU032698.D

Acq: 13 Jun 2019 16:49

Instrument :

MSVOA_U

ClientSampleId :

VBLK30

Tgt Ion: 75 Resp: 6345

Ion Ratio Lower Upper

75 100

77 33.6 25.3 37.9

