

Data File : VU033061.D
Acq On : 27 Jun 2019 13:02
Operator : JC/SP
Sample : VU0628WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK42

Quant Time: Jun 28 02:46:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 28 02:43:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213456	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	210261	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	100882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53701	36.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.62%
7) Chloroethane-d5	1.67	69	50603	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.98%
11) 1,1-Dichloroethene-d2	2.26	63	90582	30.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.64%
21) 2-Butanone-d5	4.17	46	137598	113.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.33%
24) Chloroform-d	4.64	84	135624	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	5.30	65	97243	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
32) Benzene-d6	5.33	84	256185	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
36) 1,2-Dichloropropane-d6	6.32	67	86188	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.56	98	233220	45.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.88%
43) trans-1,3-Dichloropropene-	7.84	79	42655	46.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.92%
47) 2-Hexanone-d5	8.31	63	79805	97.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.89%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	133304	49.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	97188	49.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.56%

Target Compounds

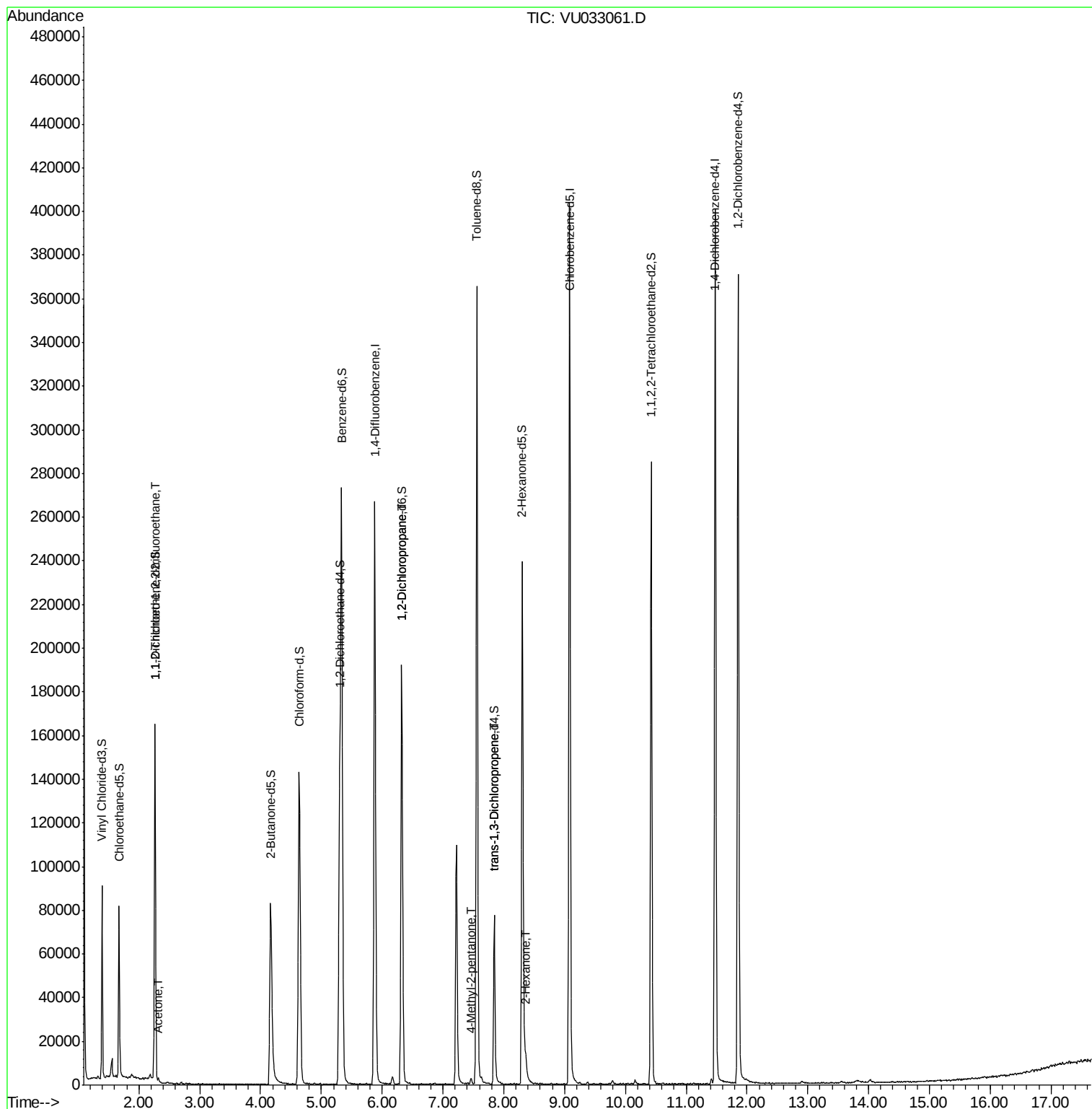
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	806	0.565	ug/L #	17
13) Acetone	2.32	43	928	0.553	ug/L	78
37) 1,2-Dichloropropane	6.32	63	10658	6.415	ug/L #	88
40) 4-Methyl-2-pentanone	7.46	43	2142	0.807	ug/L #	79
44) trans-1,3-Dichloropropene	7.85	75	2498	1.027	ug/L	90
48) 2-Hexanone	8.36	43	5596	2.391	ug/L #	92

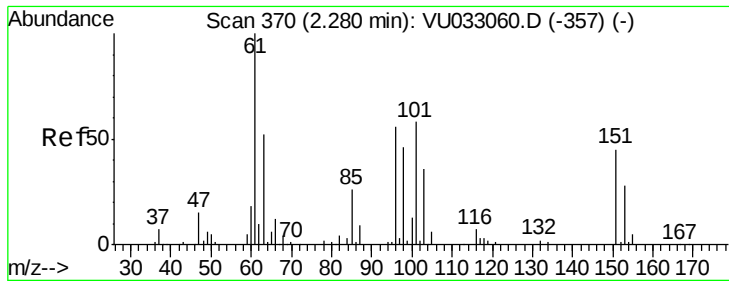
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.565 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.02 min

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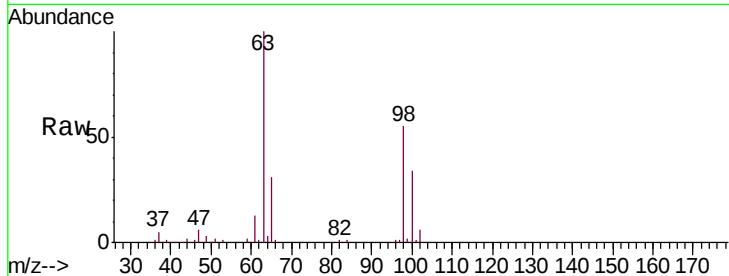
Tgt Ion:101 Resp: 806

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

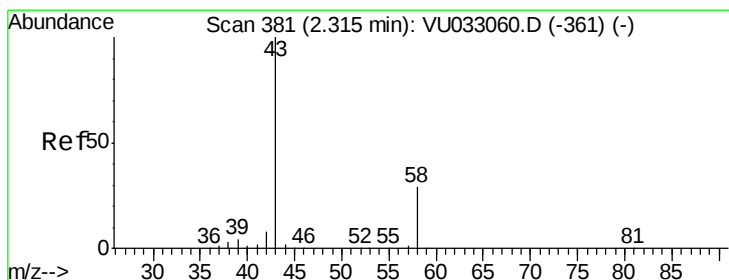
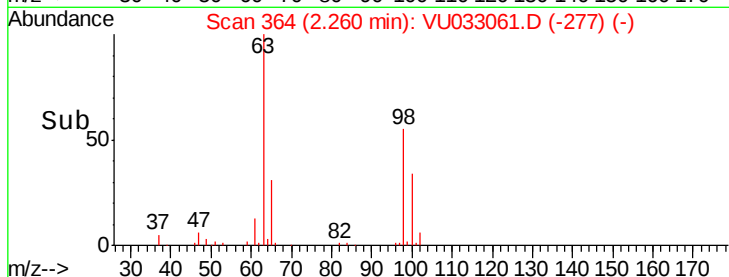
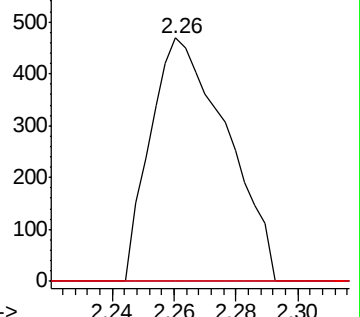
151 0.0 63.6 95.4#



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: 0.553 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033061.D

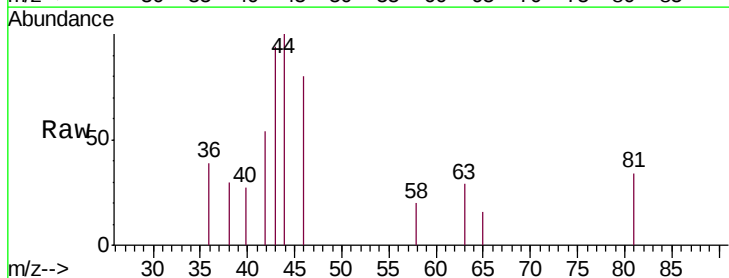
Acq: 27 Jun 2019 13:02

Tgt Ion: 43 Resp: 928

Ion Ratio Lower Upper

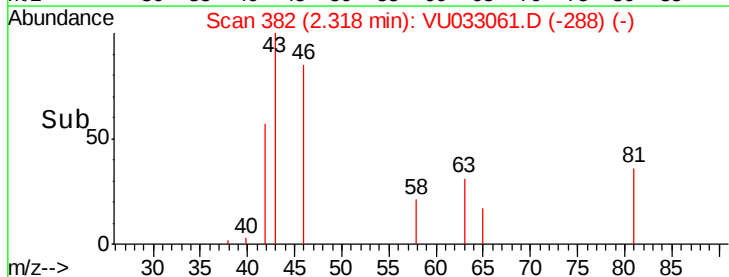
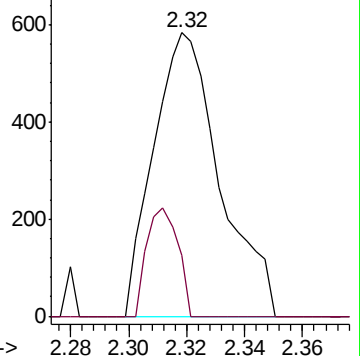
43 100

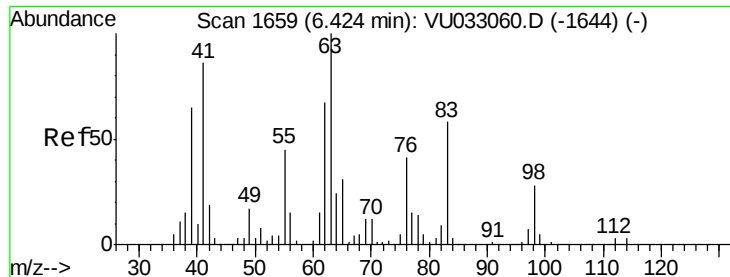
58 18.1 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#37

1,2-Dichloropropane

Concen: 6.415 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033061.D

Acq: 27 Jun 2019 13:02

Instrument :

MSVOA_U

ClientSampleId :

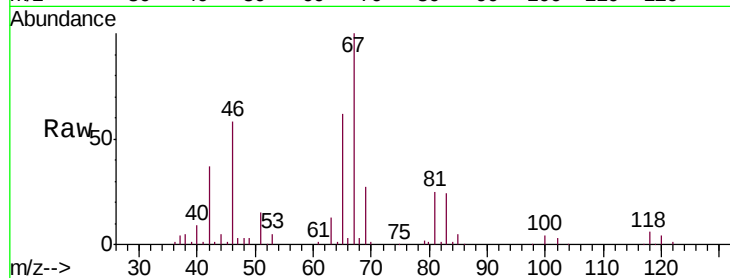
VBLK42

Tgt Ion: 63 Resp: 10658

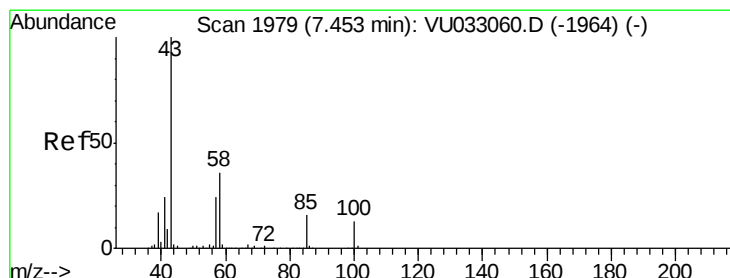
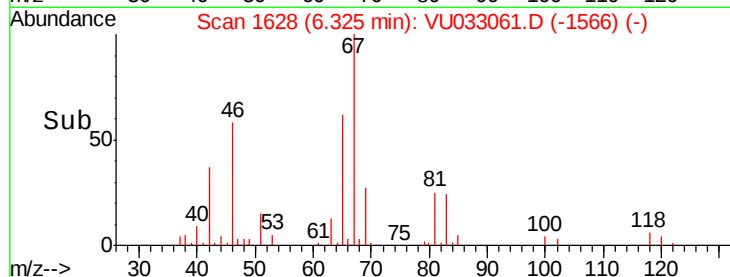
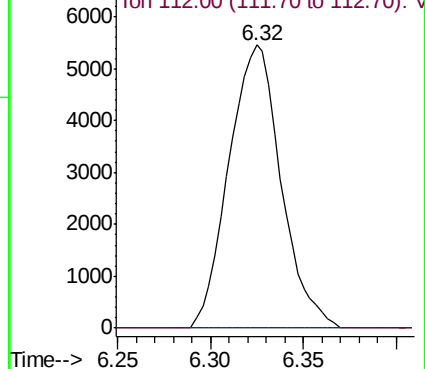
Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU033061.D (-1566) (-)



#40

4-Methyl-2-pentanone

Concen: 0.807 ug/L

RT: 7.46 min Scan# 1981

Delta R.T. 0.01 min

Lab File: VU033061.D

Acq: 27 Jun 2019 13:02

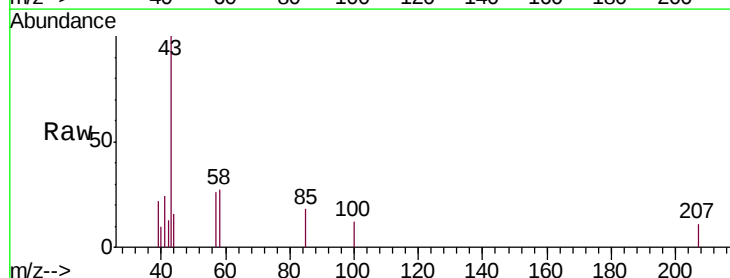
Tgt Ion: 43 Resp: 2142

Ion Ratio Lower Upper

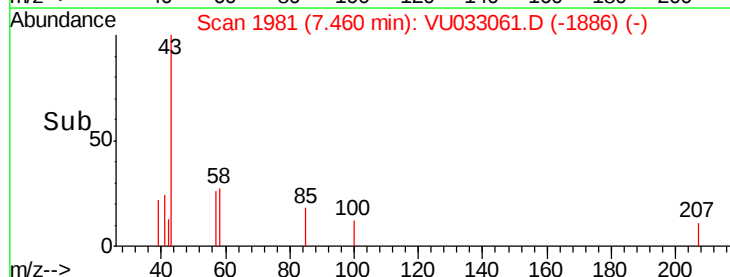
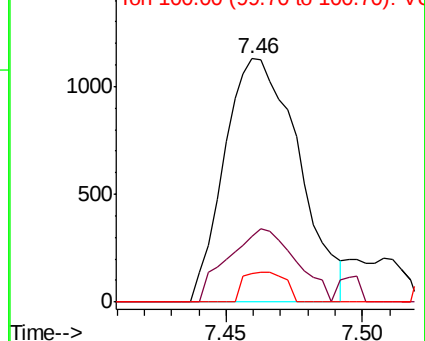
43 100

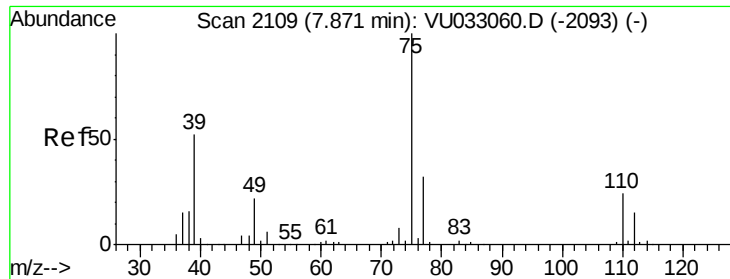
58 27.4 29.4 44.2#

100 0.0 11.2 16.8#



Abundance Ion 43.00 (42.70 to 43.70): VU033061.D (-1886) (-)

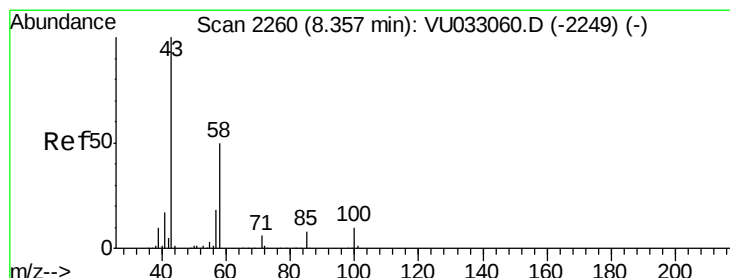
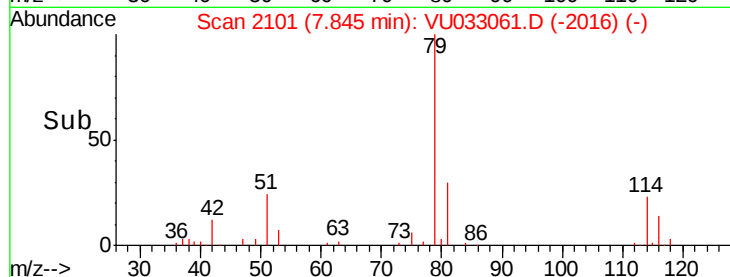
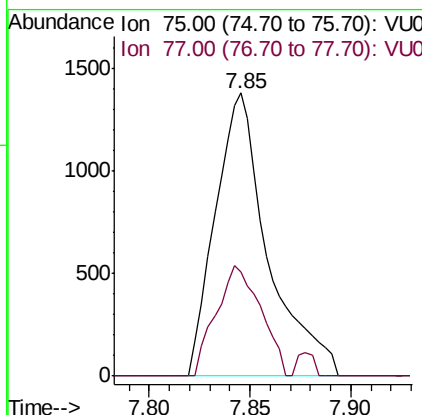
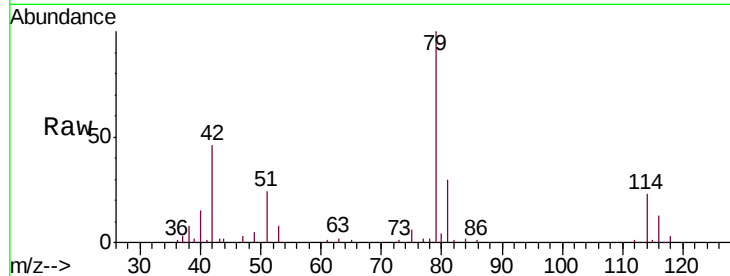




#44
trans-1,3-Dichloropropene
Concen: 1.027 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033061.D
Acq: 27 Jun 2019 13:02

Instrument :
MSVOA_U
ClientSampleId :
VBLK42

Tgt Ion: 75 Resp: 2498
Ion Ratio Lower Upper
75 100
77 36.7 21.8 40.4



#48
2-Hexanone
Concen: 2.391 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU033061.D
Acq: 27 Jun 2019 13:02

Tgt Ion: 43 Resp: 5596
Ion Ratio Lower Upper
43 100
58 48.6 40.2 60.2
57 5.8 14.2 21.4#
100 8.3 8.4 12.6#

