

Data File : VU034845.D
Acq On : 26 Sep 2019 16:18
Operator : JC/SP
Sample : VU0927WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK10

Quant Time: Sep 27 05:13:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 27 05:10:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	114218	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	107347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	50438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41609	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.67	69	34387	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.26	63	59299	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.17	46	118272	52.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	4.62	84	59040	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.29	65	33452	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
32) Benzene-d6	5.31	84	125674	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.31	67	41640	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.54	98	117744	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.83	79	16145	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.30	63	85478	49.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.50%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	32844	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	41077	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

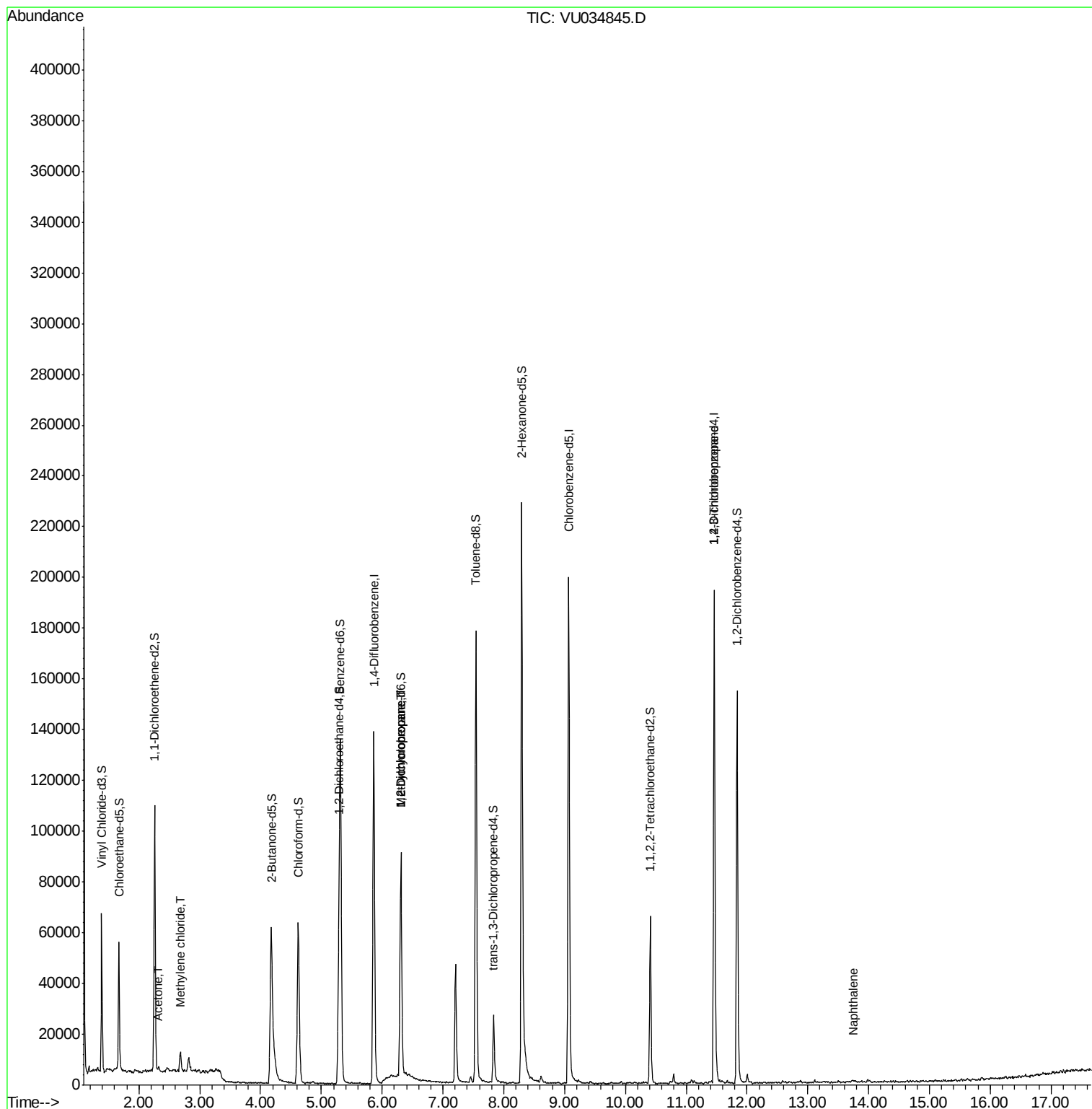
					Qvalue
13) Acetone	2.32	43	1883	1.091 ug/L	93
16) Methylene chloride	2.68	84	2636	0.352 ug/L	98
35) Methylcyclohexane	6.31	83	9130	0.781 ug/L #	17
37) 1,2-Dichloropropane	6.31	63	4838	0.540 ug/L #	92
59) 1,2,3-Trichloropropane	11.46	75	7411	1.266 ug/L	93
69) Naphthalene	13.74	128	2332	0.124 ug/L #	76

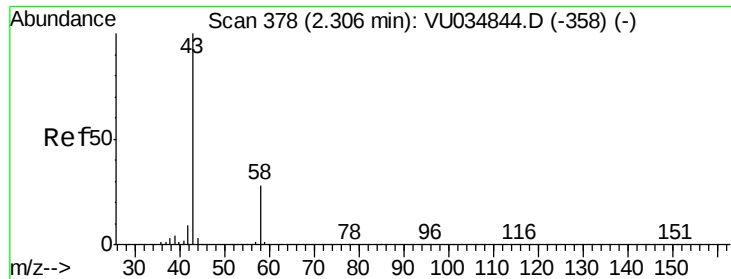
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.091 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.02 min

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Acq: 26 Sep 2019 16:18

Instrument :

MSVOA_U

ClientSampled :

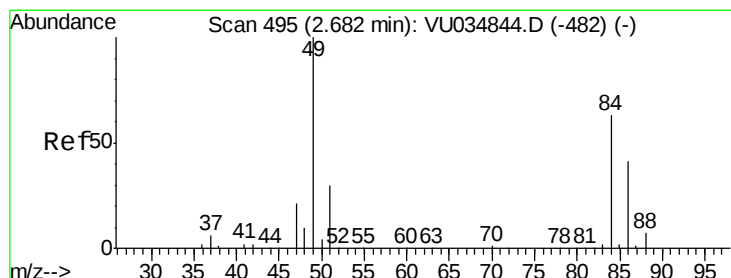
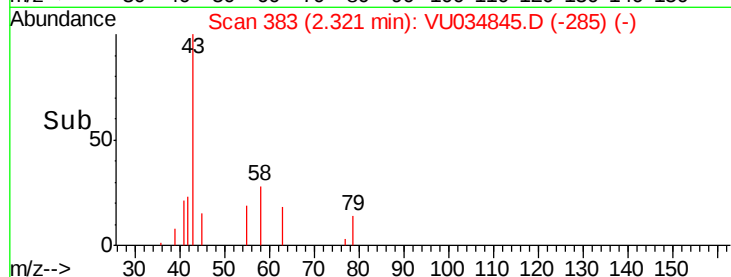
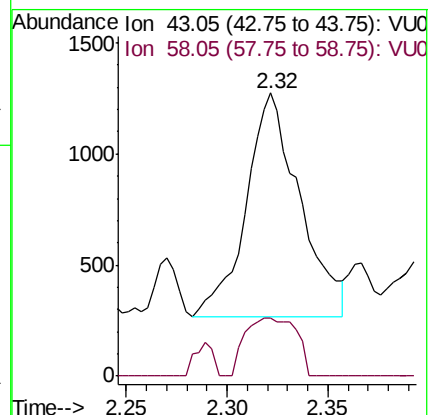
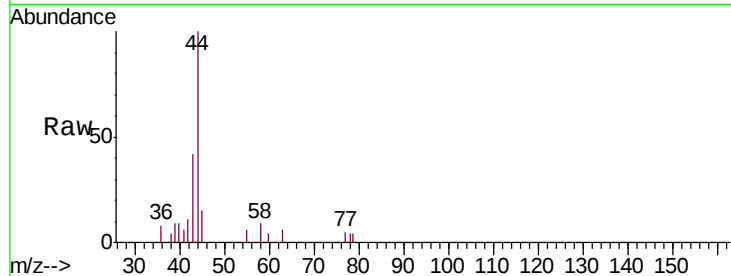
VBLK10

Tgt Ion: 43 Resp: 1883

Ion Ratio Lower Upper

43 100

58 24.9 0.0 57.8



#16

Methylene chloride

Concen: 0.352 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.00 min

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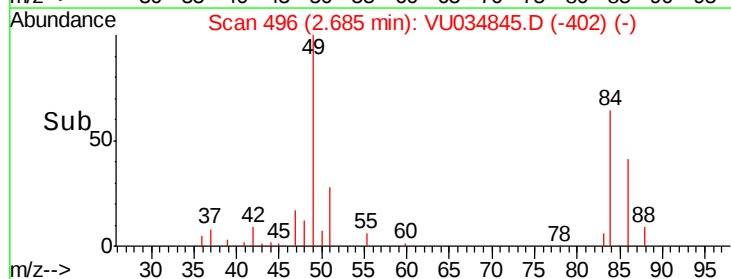
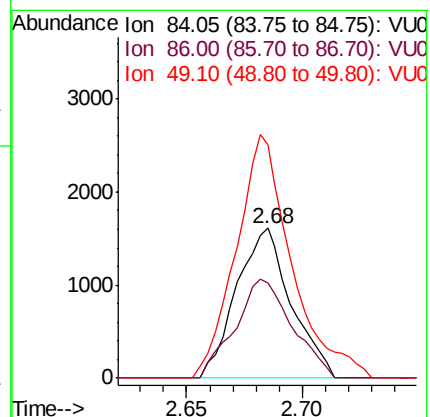
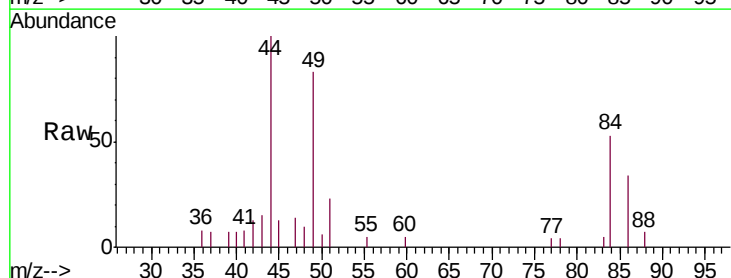
Tgt Ion: 84 Resp: 2636

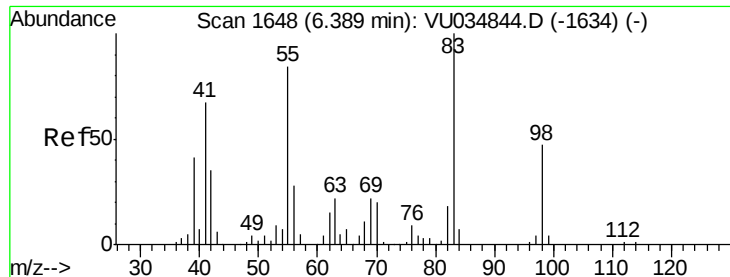
Ion Ratio Lower Upper

84 100

86 63.4 43.0 80.0

49 155.2 110.9 205.9

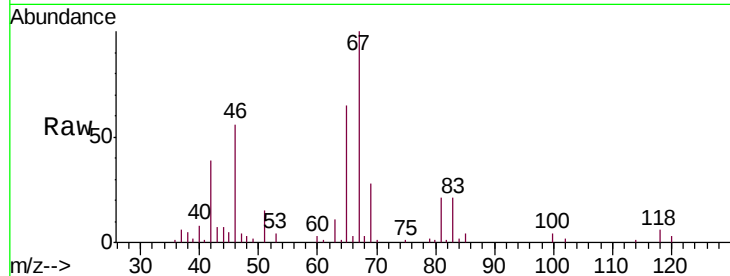




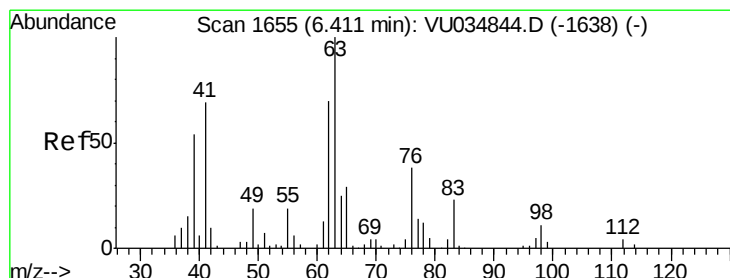
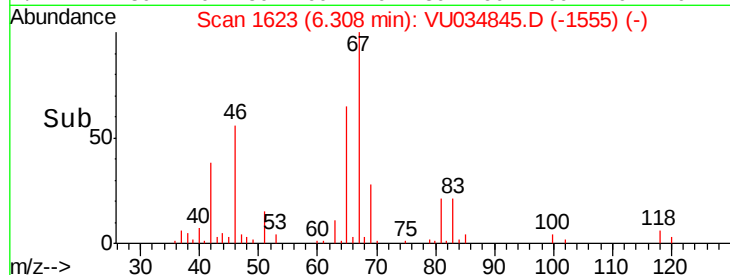
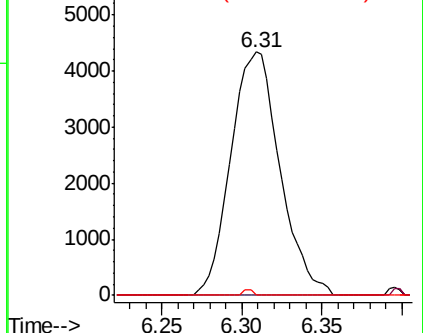
#35
Methylcyclohexane
Concen: 0.781 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034845.D
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Instrument :
MSVOA_U
ClientSampleId :
VBLK10

Tgt Ion: 83 Resp: 9130
Ion Ratio Lower Upper
83 100
55 0.5 66.8 100.2#
98 0.4 35.4 53.0#

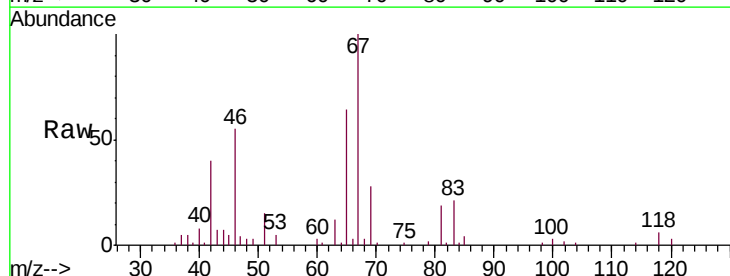


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

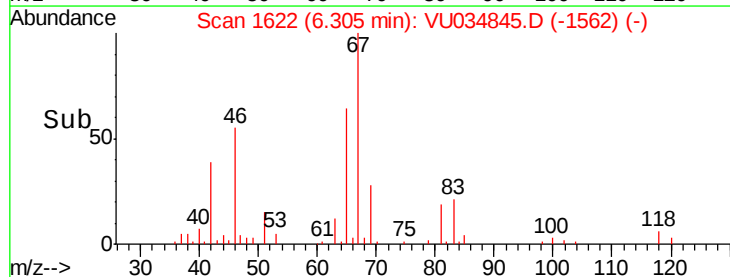
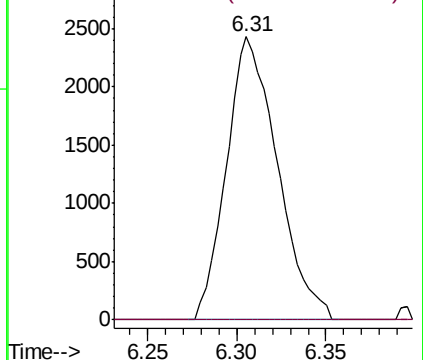


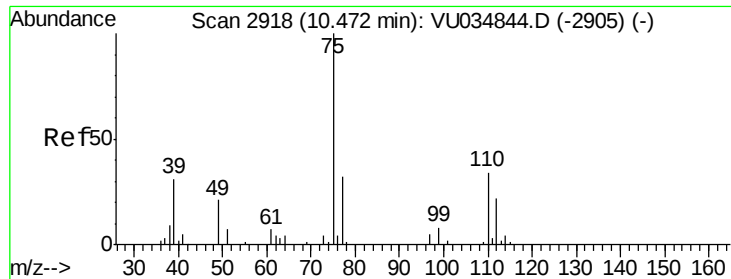
#37
1,2-Dichloropropane
Concen: 0.540 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.11 min
Lab File: VU034845.D
Acq: 26 Sep 2019 16:18

Tgt Ion: 63 Resp: 4838
Ion Ratio Lower Upper
63 100
112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

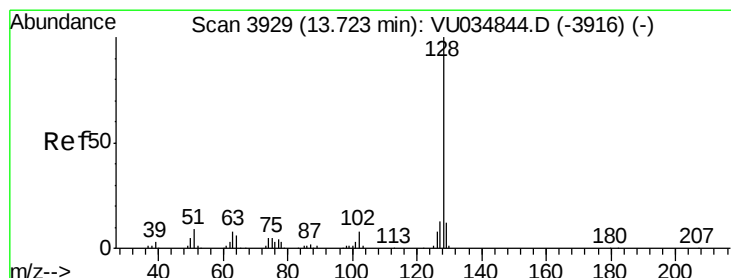
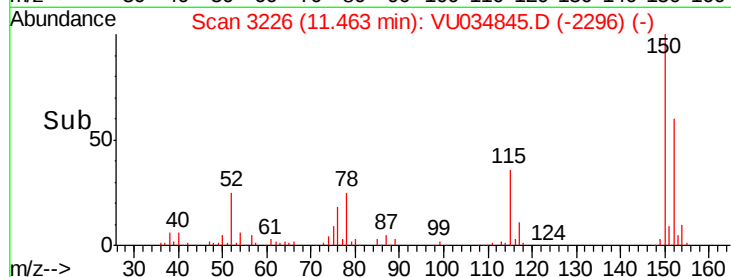
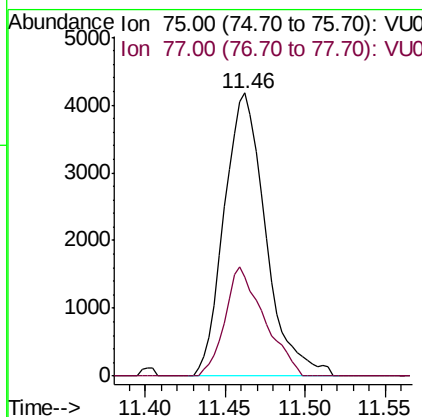
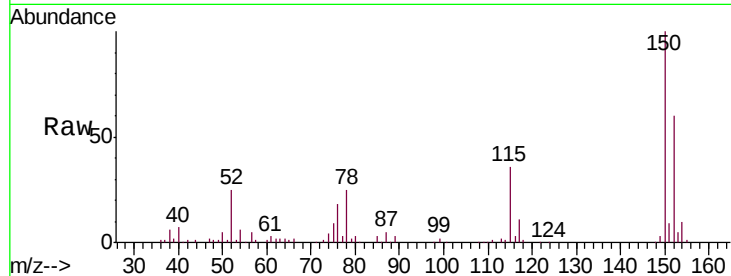




#59
 1,2,3-Trichloropropane
 Concen: 1.266 ug/L
 RT: 11.46 min Scan# 3226
 Delta R.T. 0.99 min
 Lab File: VU034845.D
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 VBLK10

Tgt Ion: 75 Resp: 7411
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.0 39.0



#69
 Naphthalene
 Concen: 0.124 ug/L
 RT: 13.74 min Scan# 3935
 Delta R.T. 0.02 min
 Lab File: VU034845.D
 Acq: 26 Sep 2019 16:18

Tgt Ion: 128 Resp: 2332
 Ion Ratio Lower Upper
 128 100
 129 4.3 9.2 13.8#
 127 1.8 10.7 16.1#

