

Data File : VU033441.D
Acq On : 26 Jul 2019 10:29
Operator : JC/SP
Sample : VU0726WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK59

Quant Time: Jul 27 02:00:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 27 01:57:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	273418	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	282000	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	123720	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	96139	46.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.90%
7) Chloroethane-d5	1.67	69	96195	54.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.80%
11) 1,1-Dichloroethene-d2	2.26	63	147810	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.74%
21) 2-Butanone-d5	4.15	46	150716	114.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.92%
24) Chloroform-d	4.62	84	182148	52.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.02%
26) 1,2-Dichloroethane-d4	5.28	65	124376	55.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.82%
32) Benzene-d6	5.32	84	359769	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.31	67	120072	54.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.36%
41) Toluene-d8	7.55	98	321347	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%
43) trans-1,3-Dichloropropene-	7.83	79	50939	46.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.76%
47) 2-Hexanone-d5	8.29	63	105655	105.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.76%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	185906	55.43	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.86%
64) 1,2-Dichlorobenzene-d4	11.85	152	127102	57.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.22%

Target Compounds

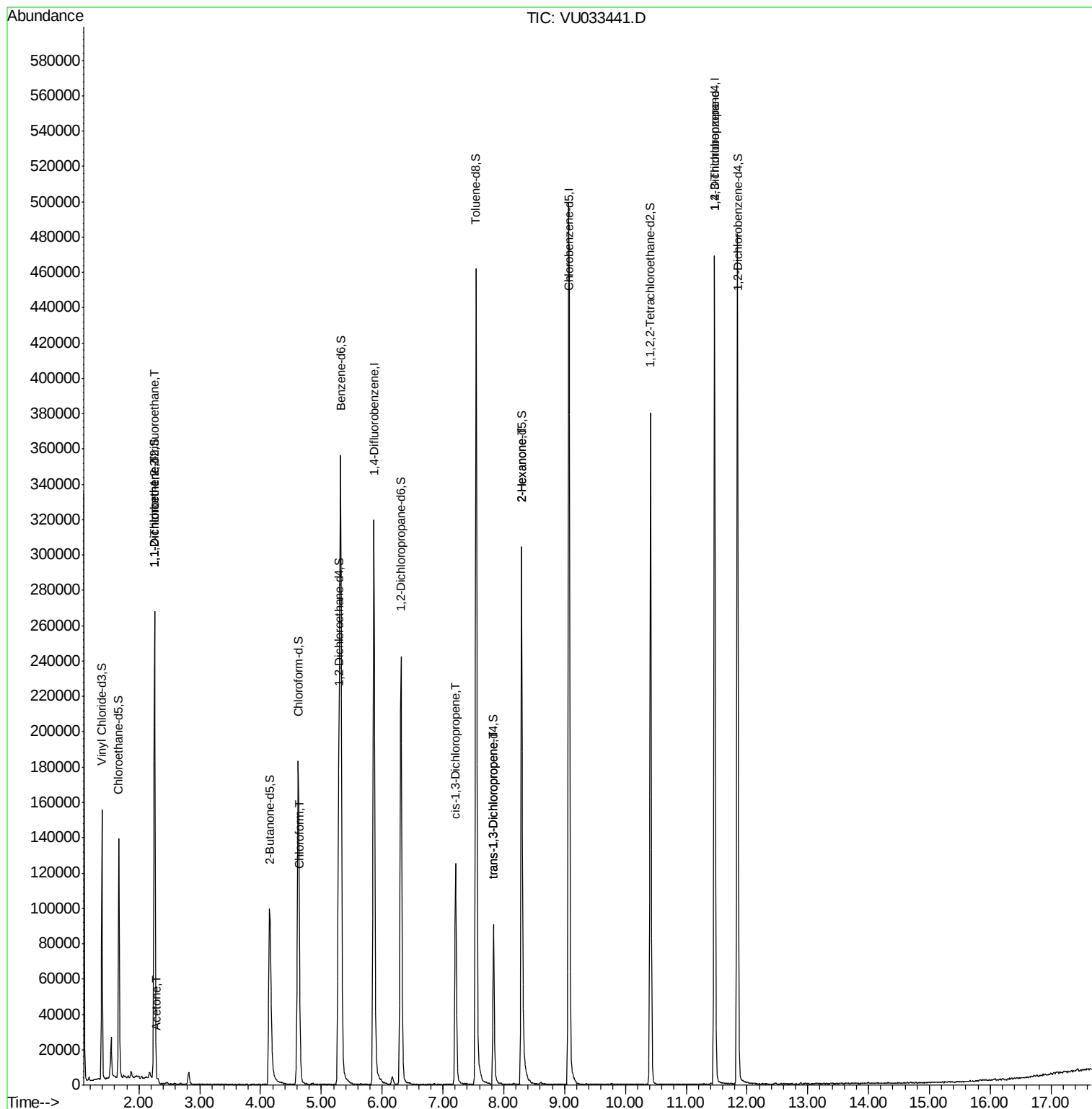
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1574	0.844 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1204	0.660 ug/L #	1
13) Acetone	2.30	43	849	0.518 ug/L	50
25) Chloroform	4.65	83	5064	1.313 ug/L	99
39) cis-1,3-Dichloropropene	7.21	75	3346	0.978 ug/L #	65
44) trans-1,3-Dichloropropene	7.83	75	2341	0.759 ug/L #	78
48) 2-Hexanone	8.30	43	11990	4.919 ug/L #	69
59) 1,2,3-Trichloropropane	11.47	75	15663	5.395 ug/L	89

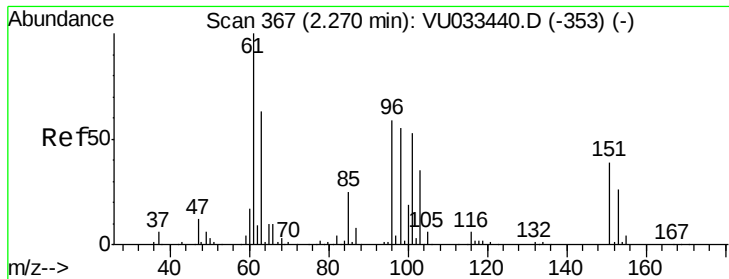
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.844 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

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ClientSampleId :

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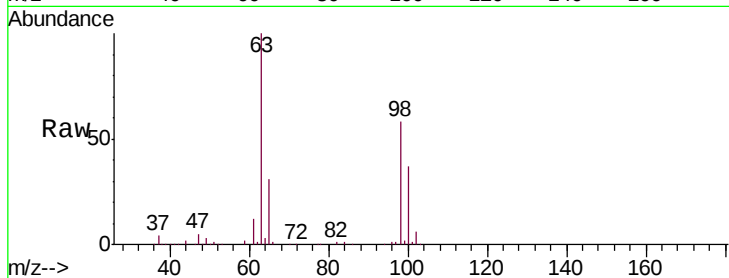
Tgt Ion: 101 Resp: 1574

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

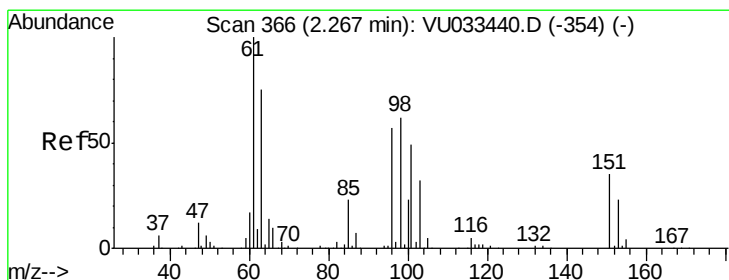
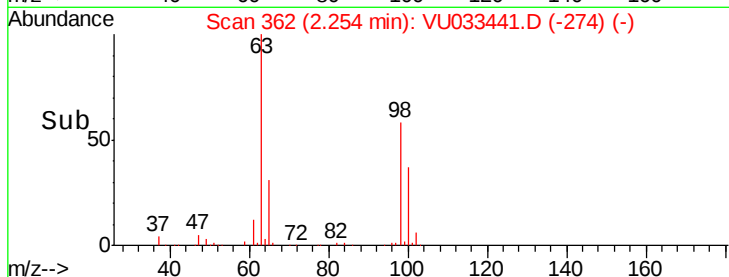
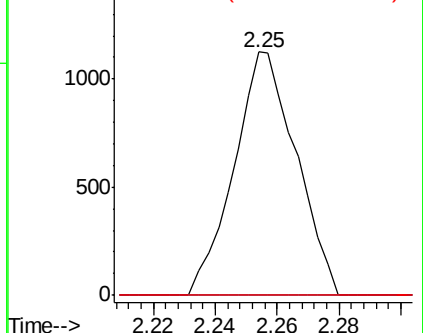
151 0.0 56.7 85.1#



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: 0.660 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033441.D

Acq: 26 Jul 2019 10:29

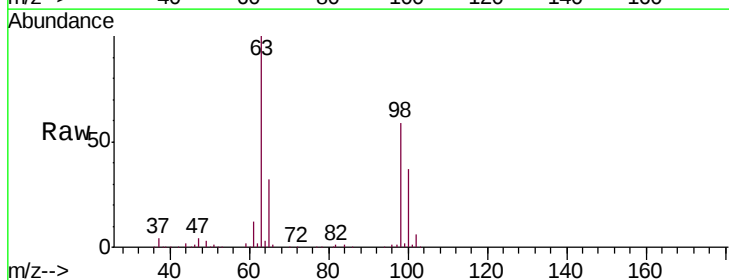
Tgt Ion: 96 Resp: 1204

Ion Ratio Lower Upper

96 100

61 1292.6 126.1 234.1#

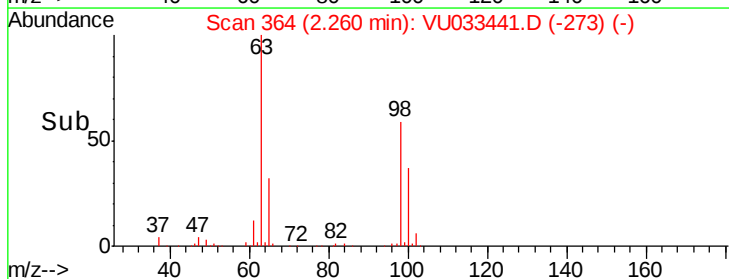
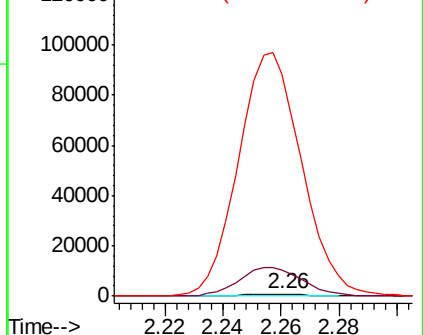
63 11050.8 96.8 179.8#

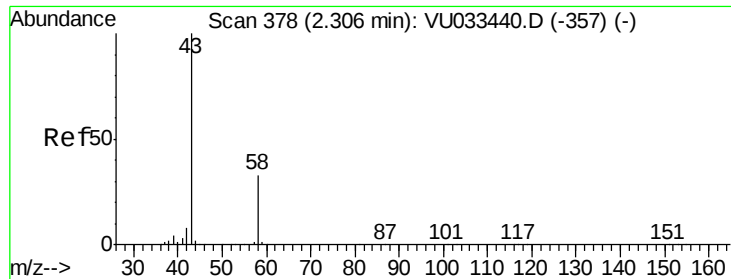


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.518 ug/L

RT: 2.30 min Scan# 376

Delta R.T. -0.01 min

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ClientSampleId :

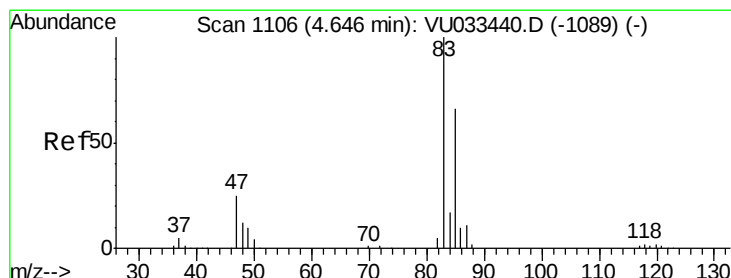
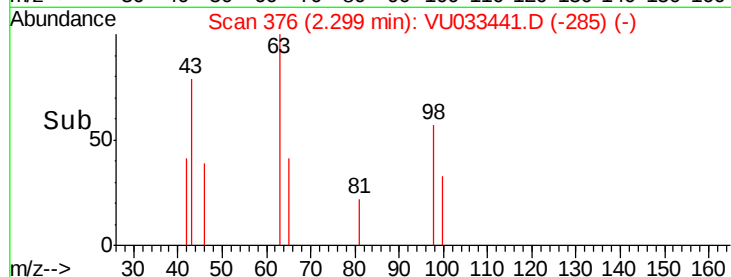
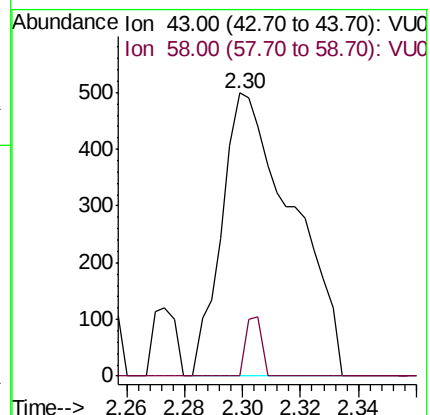
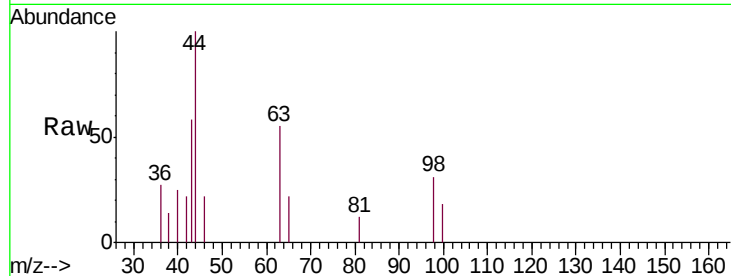
VBLK59

Tgt Ion: 43 Resp: 849

Ion Ratio Lower Upper

43 100

58 4.7 0.0 65.4



#25

Chloroform

Concen: 1.313 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VU033441.D

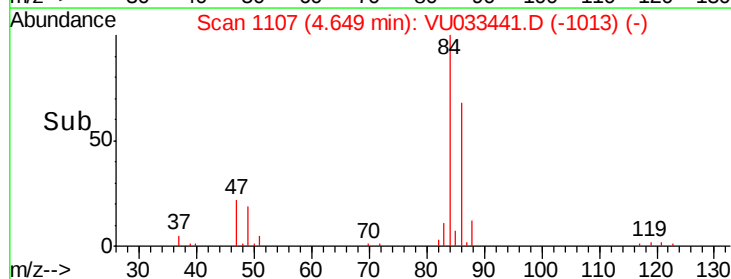
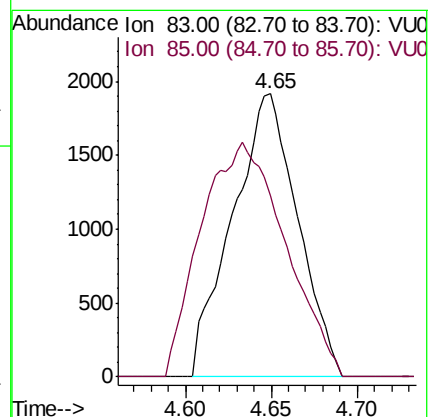
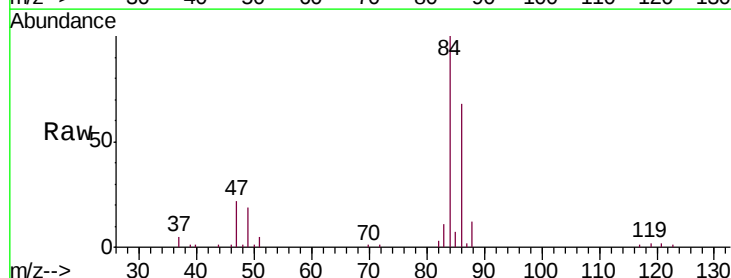
Acq: 26 Jul 2019 10:29

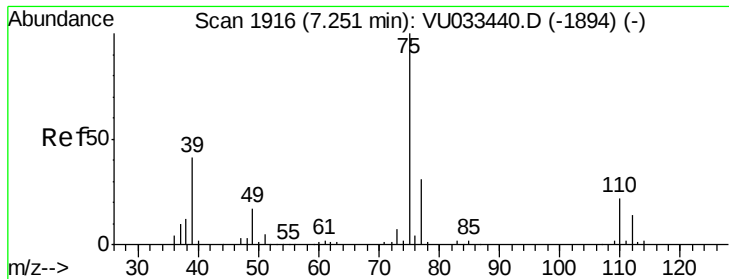
Tgt Ion: 83 Resp: 5064

Ion Ratio Lower Upper

83 100

85 63.8 45.4 84.4

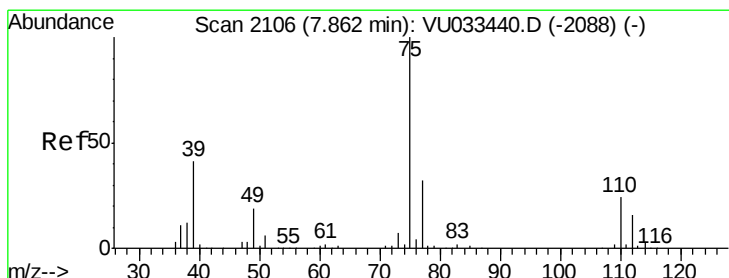
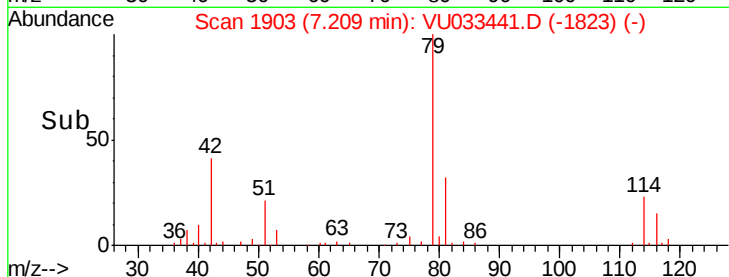
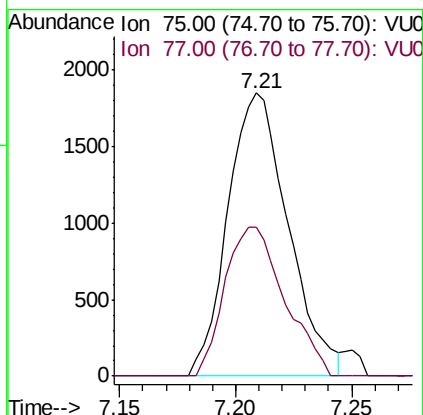
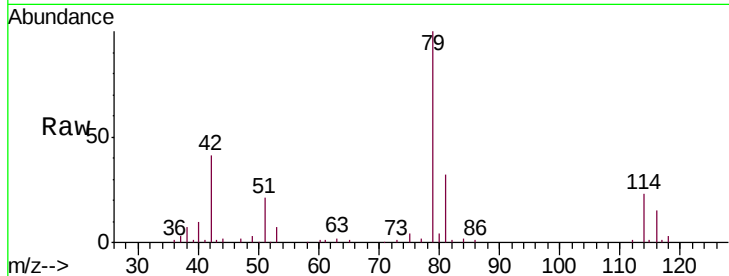




#39
 cis-1,3-Dichloropropene
 Concen: 0.978 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033441.D
 Acq: 26 Jul 2019 10:29

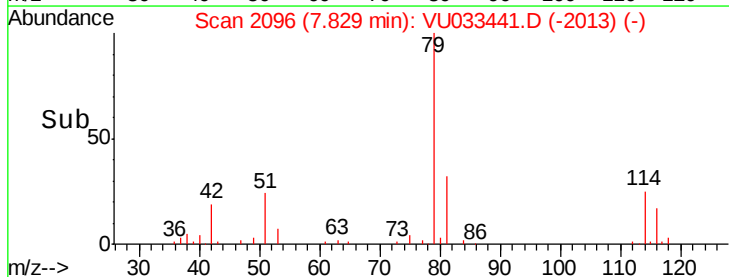
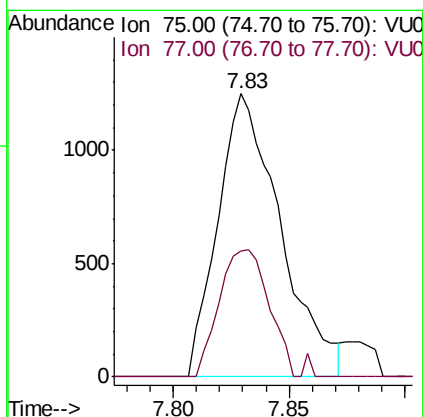
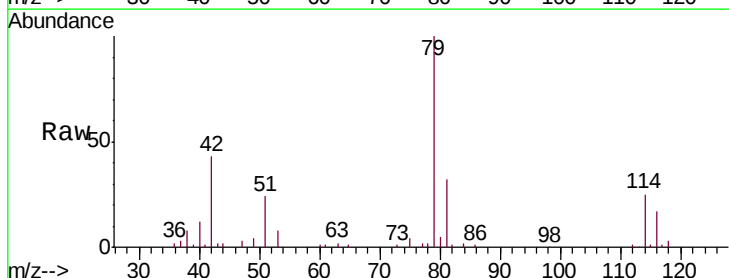
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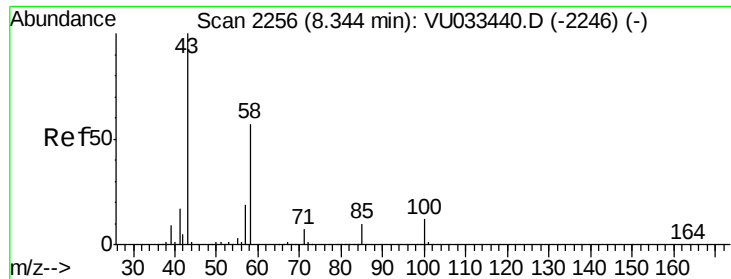
Tgt Ion: 75 Resp: 3346
 Ion Ratio Lower Upper
 75 100
 77 52.8 23.1 42.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.759 ug/L
 RT: 7.83 min Scan# 2096
 Delta R.T. -0.03 min
 Lab File: VU033441.D
 Acq: 26 Jul 2019 10:29

Tgt Ion: 75 Resp: 2341
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.4 41.6#

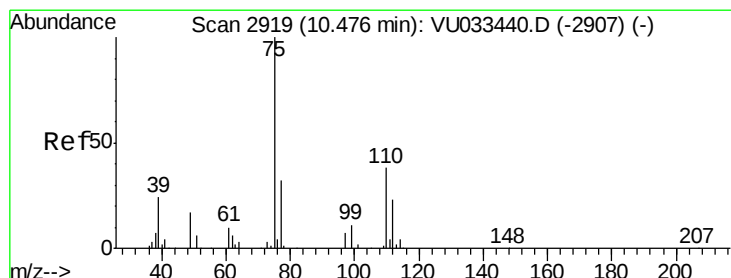
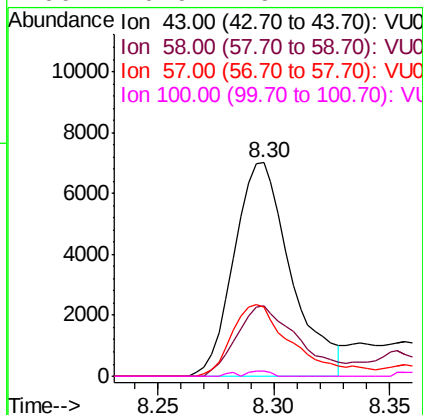
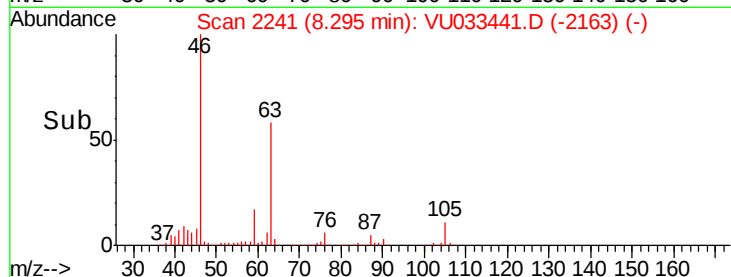
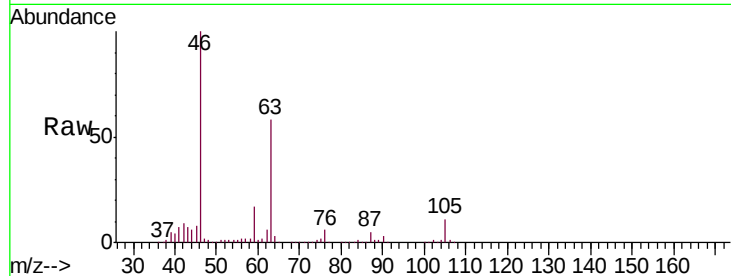




#48
2-Hexanone
Concen: 4.919 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033441.D
Acq: 26 Jul 2019 10:29

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 11990
Ion Ratio Lower Upper
43 100
58 35.9 46.1 69.1#
57 36.2 15.8 23.8#
100 0.9 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 5.395 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033441.D
Acq: 26 Jul 2019 10:29

Tgt Ion: 75 Resp: 15663
Ion Ratio Lower Upper
75 100
77 38.7 26.0 39.0

