

Data File : VU034811.D
Acq On : 25 Sep 2019 18:47
Operator : JC/SP
Sample : VLEB#03
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB03

Quant Time: Sep 26 06:59:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 06:56:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	460158	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	438961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	190299	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	199577	42.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.74%
7) Chloroethane-d5	1.67	69	176846	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.26	63	268227	33.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.24%
21) 2-Butanone-d5	4.15	46	387473	107.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.32%
24) Chloroform-d	4.62	84	336452	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.26%
26) 1,2-Dichloroethane-d4	5.28	65	234358	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
32) Benzene-d6	5.32	84	704514	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.31	67	249426	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.54	98	678881	52.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.90%
43) trans-1,3-Dichloropropene-	7.83	79	111546	48.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.94%
47) 2-Hexanone-d5	8.29	63	257531	107.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335356	50.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.64%
64) 1,2-Dichlorobenzene-d4	11.84	152	229274	57.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.92%

Target Compounds

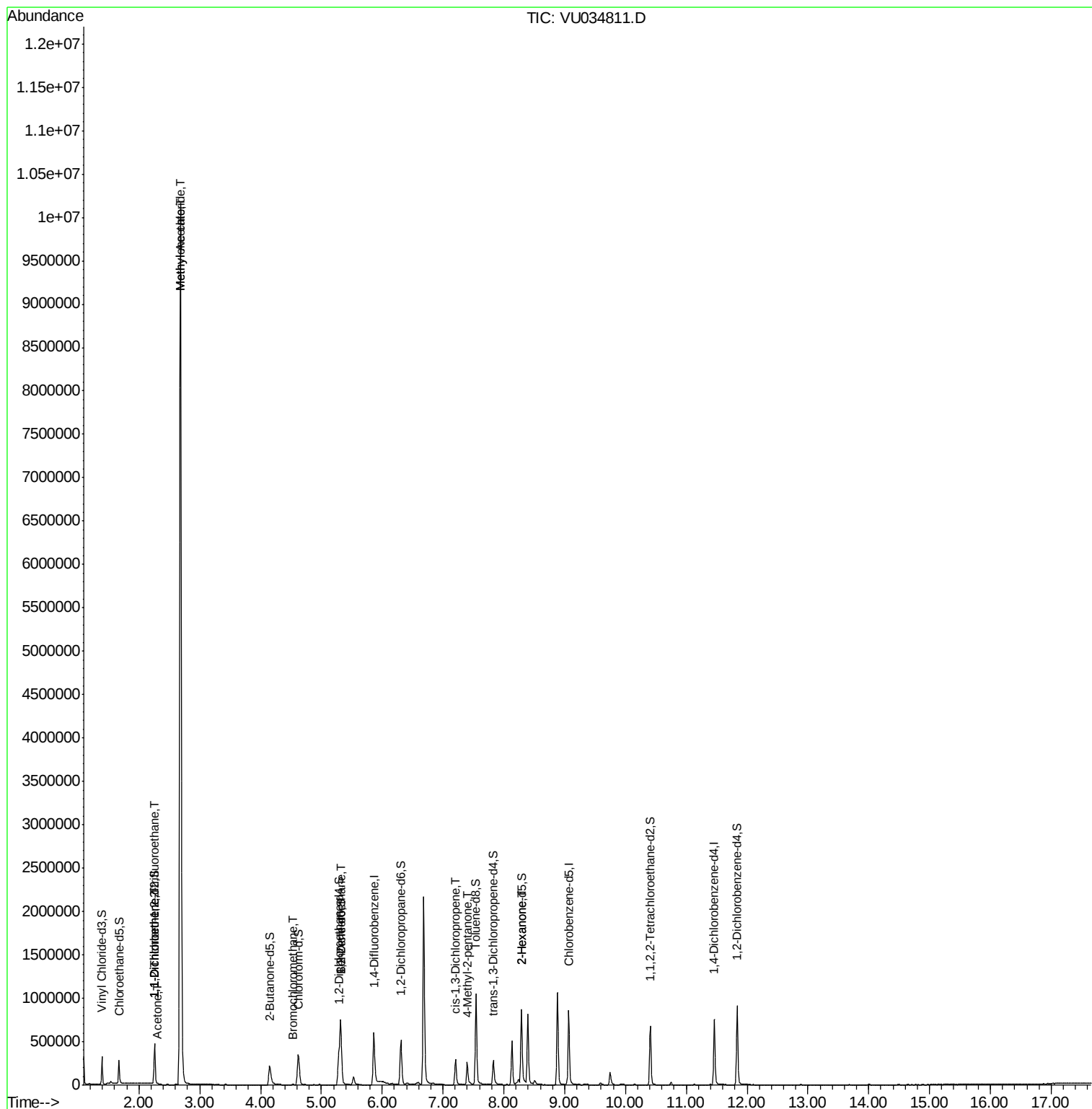
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2953	0.941	ug/L #	37
12) 1,1-Dichloroethene	2.26	96	2768	0.919	ug/L #	1
13) Acetone	2.31	43	13295	3.166	ug/L	98
15) Methyl Acetate	2.68	43	20266	3.612	ug/L	98
16) Methylene chloride	2.68	84	4030107	1056.763	ug/L	97
23) Bromochloromethane	4.53	128	1986	1.078	ug/L #	73
27) 1,2-Dichloroethane	5.31	62	4958	0.772	ug/L	100
39) cis-1,3-Dichloropropene	7.20	75	7589	1.114	ug/L	88
40) 4-Methyl-2-pentanone	7.40	43	100769	11.643	ug/L #	59
48) 2-Hexanone	8.29	43	138184	20.443	ug/L #	52

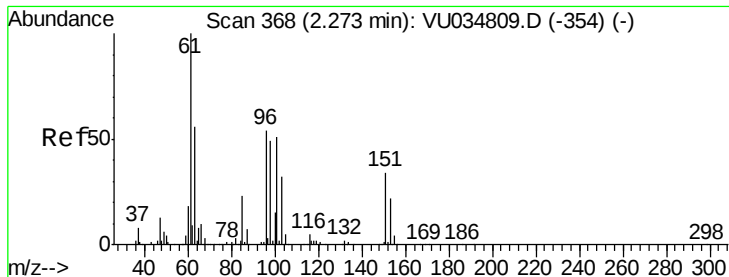
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.941 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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ClientSampleId :

VLEB03

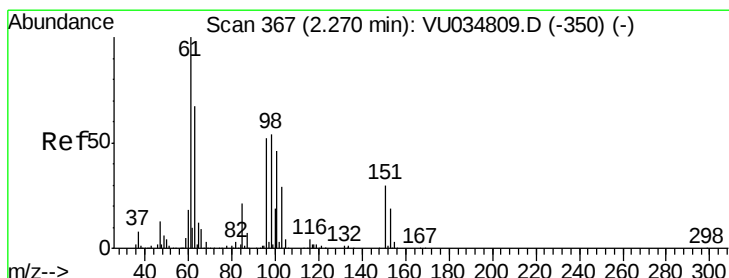
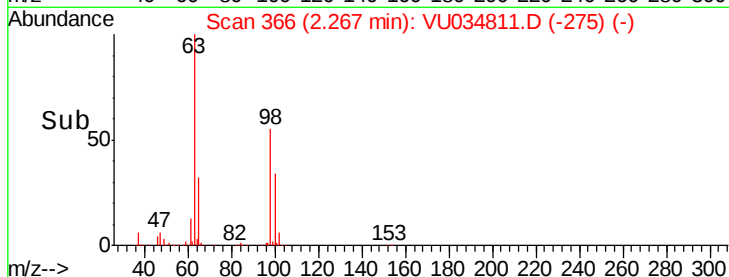
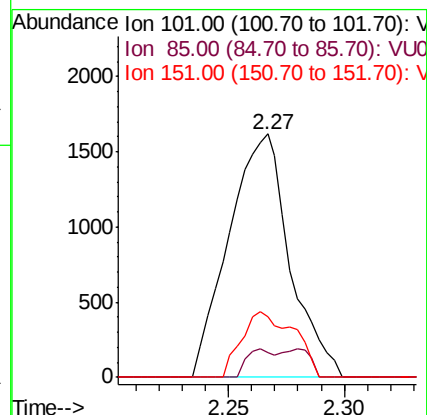
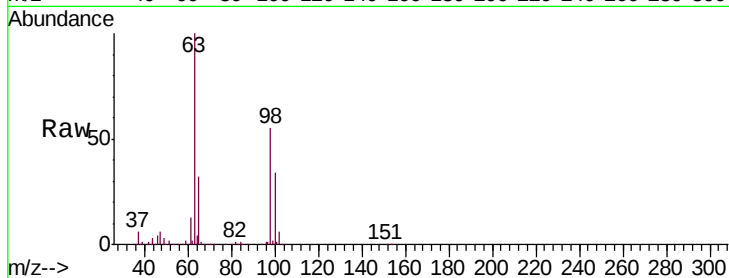
Tgt Ion: 101 Resp: 2953

Ion Ratio Lower Upper

101 100

85 5.2 39.0 58.4#

151 16.5 52.8 79.2#



#12

1,1-Dichloroethene

Concen: 0.919 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: VU034811.D

Acq: 25 Sep 2019 18:47

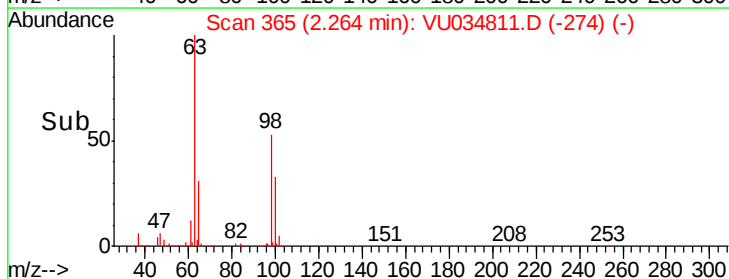
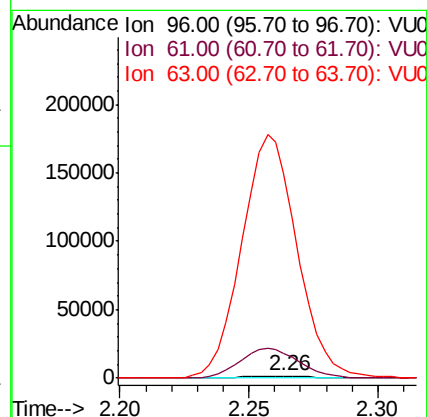
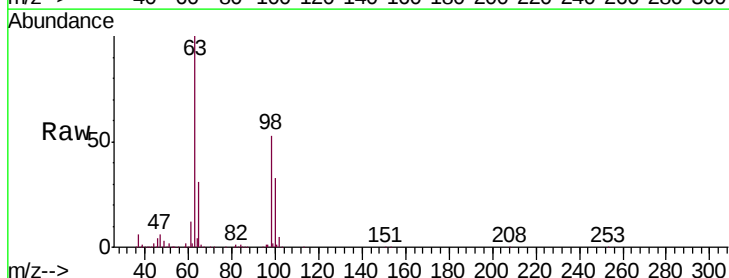
Tgt Ion: 96 Resp: 2768

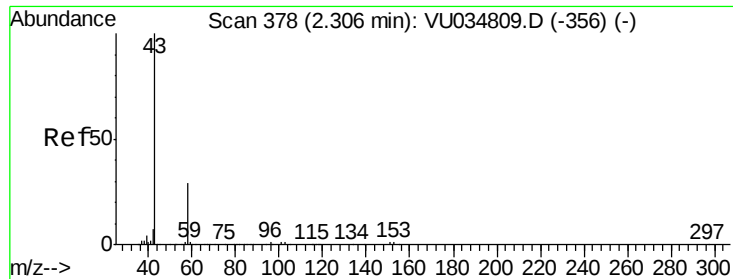
Ion Ratio Lower Upper

96 100

61 1176.8 153.2 284.4#

63 9553.1 113.8 211.3#





#13

Acetone

Concen: 3.166 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034811.D

Acq: 25 Sep 2019 18:47

Instrument :

MSVOA_U

ClientSampleId :

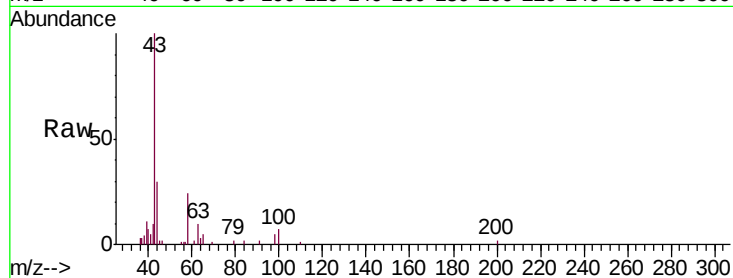
VLEB03

Tgt Ion: 43 Resp: 13295

Ion Ratio Lower Upper

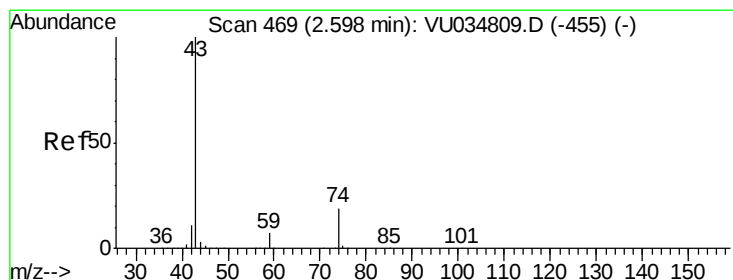
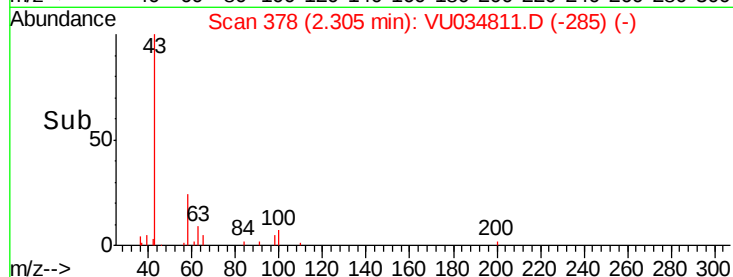
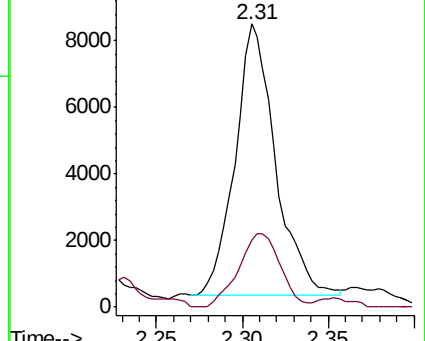
43 100

58 27.8 0.0 53.4



Abundance Ion 43.00 (42.70 to 43.70): VU034809.D (-356) (-)

Ion 58.00 (57.70 to 58.70): VU034809.D (-356) (-)



#15

Methyl Acetate

Concen: 3.612 ug/L

RT: 2.68 min Scan# 496

Delta R.T. 0.09 min

Lab File: VU034811.D

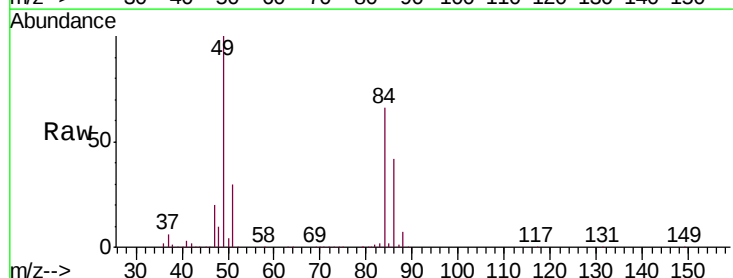
Acq: 25 Sep 2019 18:47

Tgt Ion: 43 Resp: 20266

Ion Ratio Lower Upper

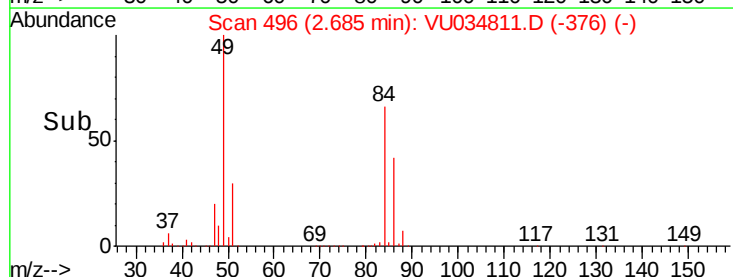
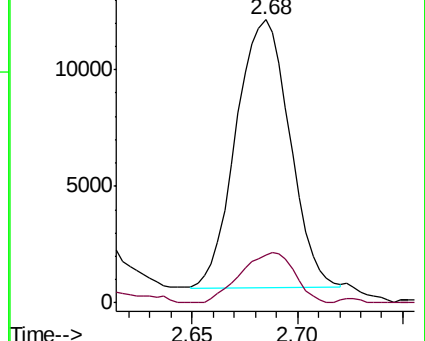
43 100

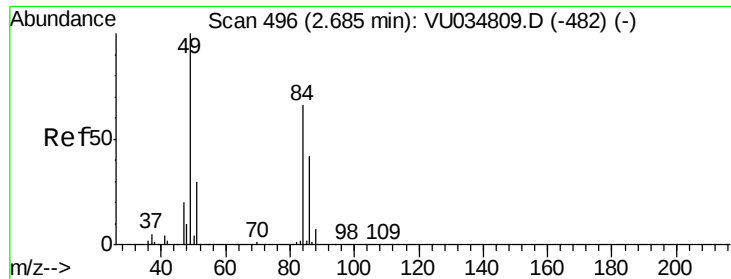
74 19.0 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VU034809.D (-455) (-)

Ion 74.00 (73.70 to 74.70): VU034809.D (-455) (-)

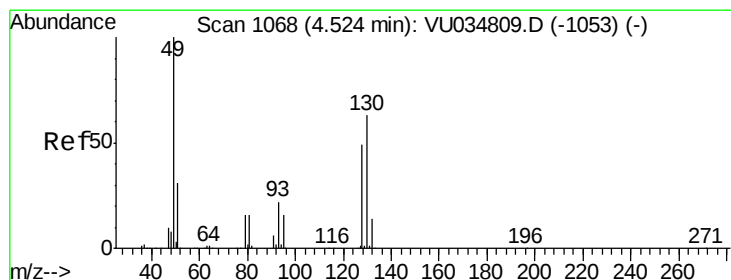
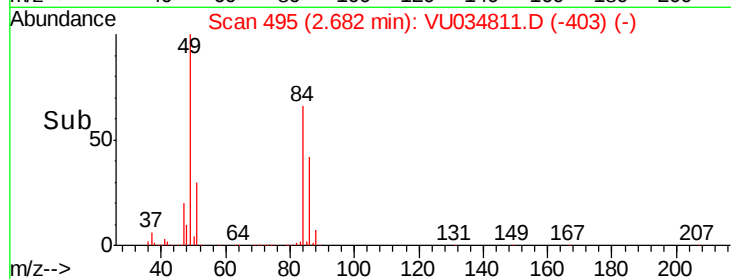
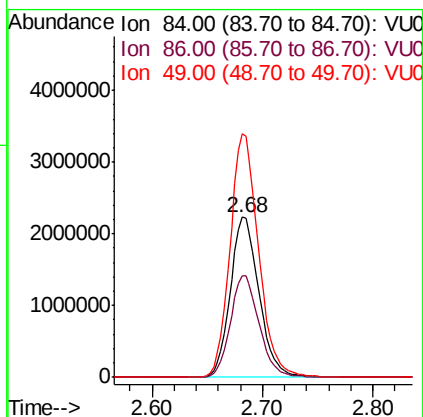
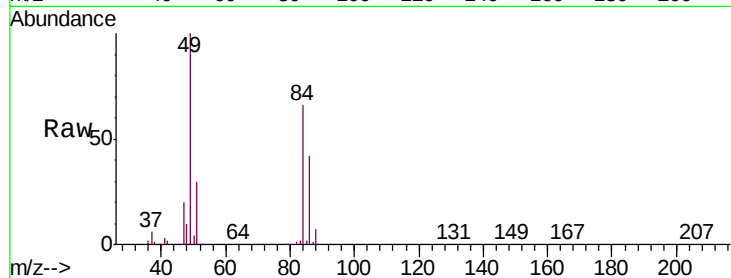




#16
Methylene chloride
Concen: 1056.763 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.00 min
Lab File: VU034811.D
Acq: 25 Sep 2019 18:47

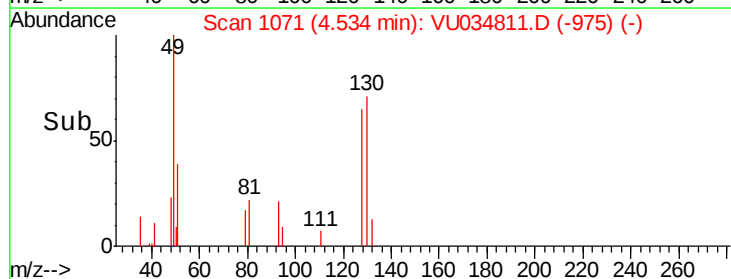
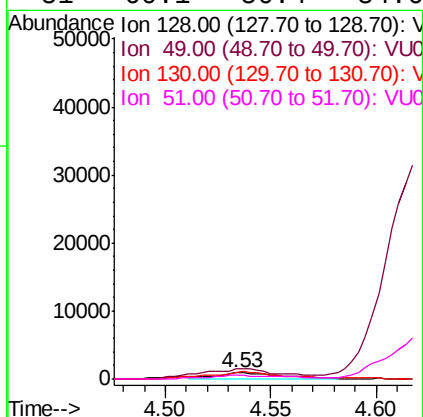
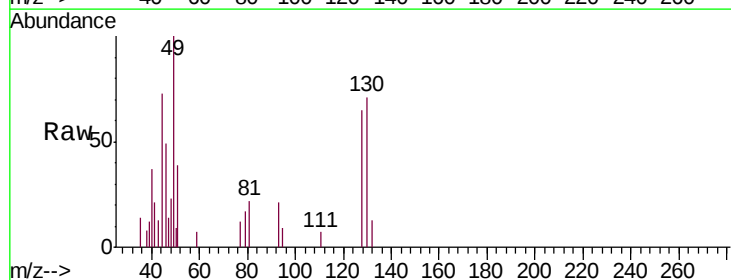
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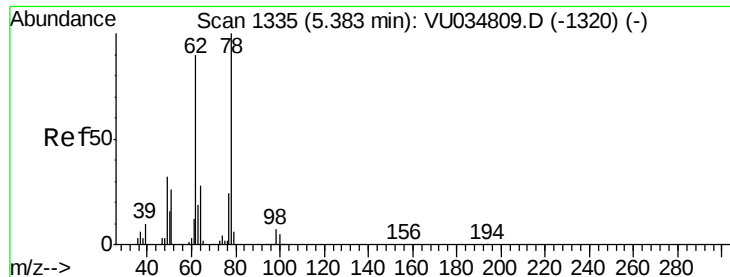
Tgt Ion: 84 Resp: 4030107
Ion Ratio Lower Upper
84 100
86 63.8 43.0 80.0
49 152.3 109.7 203.7



#23
Bromochloromethane
Concen: 1.078 ug/L
RT: 4.53 min Scan# 1071
Delta R.T. 0.01 min
Lab File: VU034811.D
Acq: 25 Sep 2019 18:47

Tgt Ion: 128 Resp: 1986
Ion Ratio Lower Upper
128 100
49 154.1 154.3 286.7#
130 108.7 83.0 154.2
51 60.1 56.4 84.6

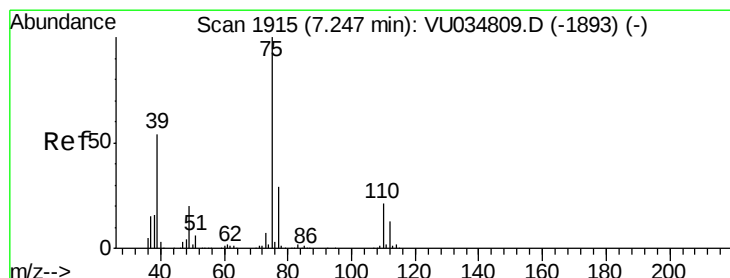
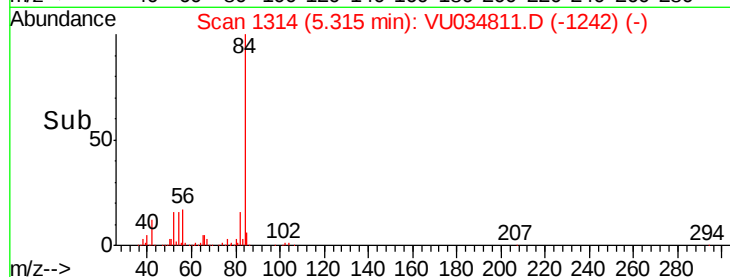
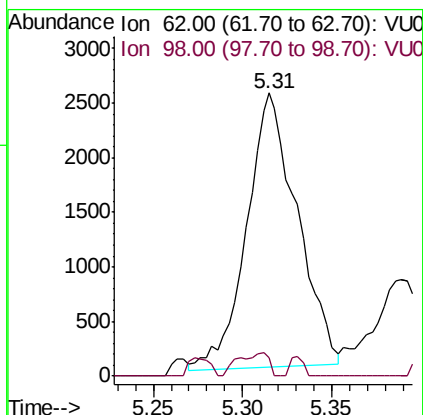
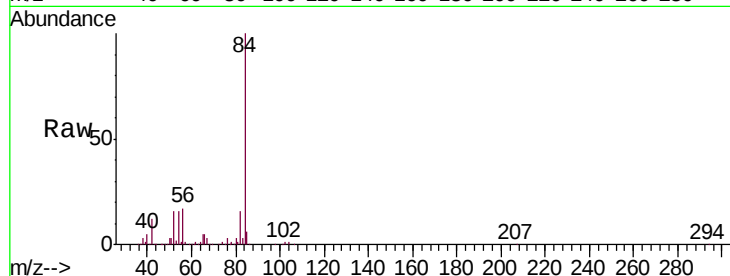




#27
 1,2-Dichloroethane
 Concen: 0.772 ug/L
 RT: 5.31 min Scan# 1314
 Delta R.T. -0.07 min
 Lab File: VU034811.D
 Acq: 25 Sep 2019 18:47

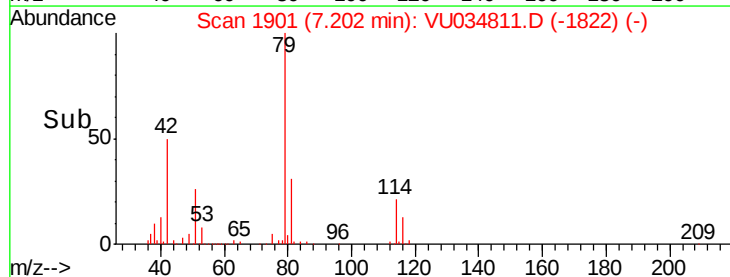
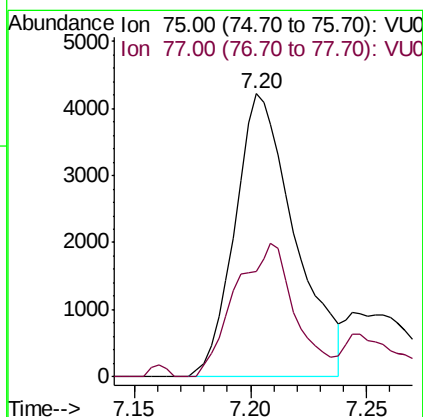
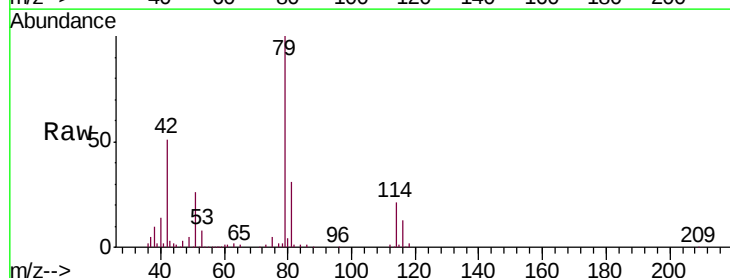
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 ClientSampleId :
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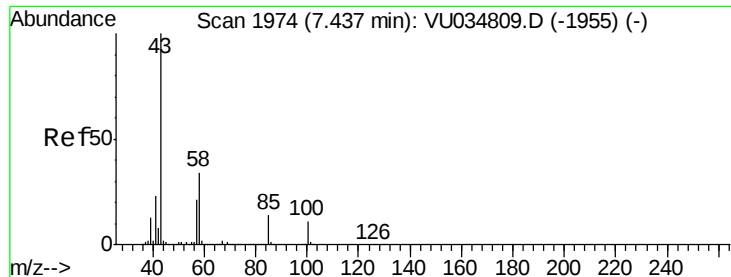
Tgt Ion: 62 Resp: 4958
 Ion Ratio Lower Upper
 62 100
 98 6.7 5.3 7.9



#39
 cis-1,3-Dichloropropene
 Concen: 1.114 ug/L
 RT: 7.20 min Scan# 1901
 Delta R.T. -0.05 min
 Lab File: VU034811.D
 Acq: 25 Sep 2019 18:47

Tgt Ion: 75 Resp: 7589
 Ion Ratio Lower Upper
 75 100
 77 37.2 21.4 39.8

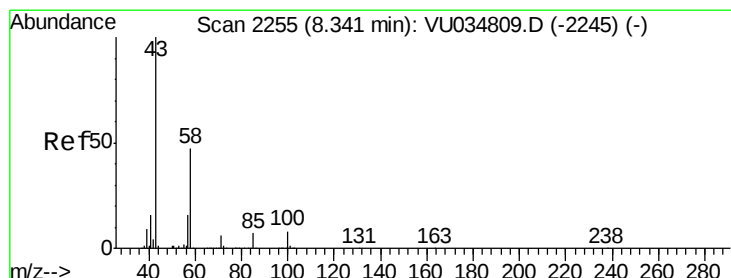
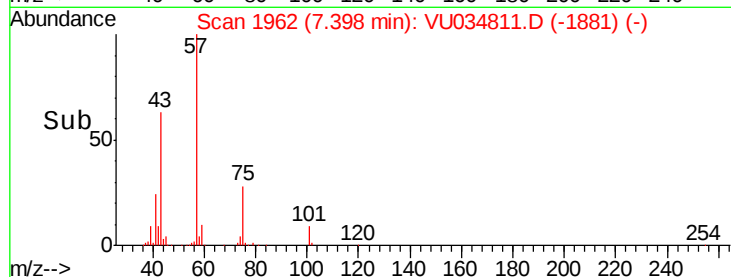
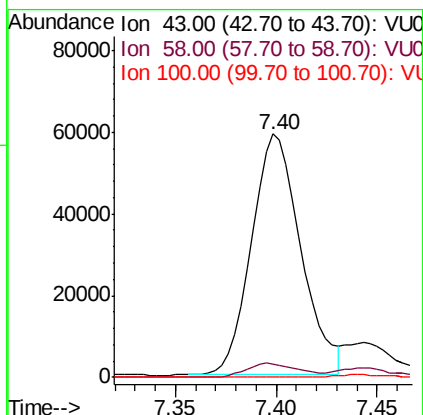
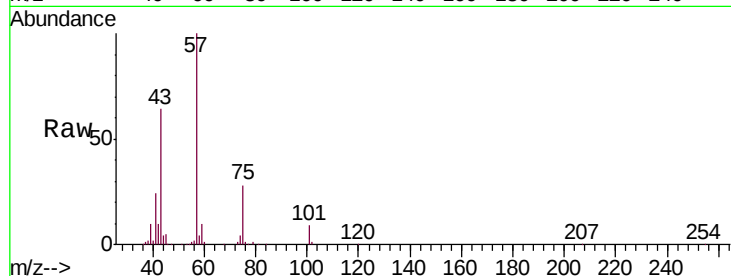




#40
 4-Methyl-2-pentanone
 Concen: 11.643 ug/L
 RT: 7.40 min Scan# 1962
 Delta R.T. -0.04 min
 Lab File: VU034811.D
 Acq: 25 Sep 2019 18:47

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB03

Tgt Ion: 43 Resp: 100769
 Ion Ratio Lower Upper
 43 100
 58 6.3 25.2 37.8#
 100 0.0 7.7 11.5#



#48
 2-Hexanone
 Concen: 20.443 ug/L
 RT: 8.29 min Scan# 2239
 Delta R.T. -0.05 min
 Lab File: VU034811.D
 Acq: 25 Sep 2019 18:47

Tgt Ion: 43 Resp: 138184
 Ion Ratio Lower Upper
 43 100
 58 5.2 35.3 52.9#
 57 4.4 12.1 18.1#
 100 0.0 6.2 9.4#

