

Data File : VU034894.D
Acq On : 01 Oct 2019 17:46
Operator : JC/SP
Sample : K5028-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDN0

Quant Time: Oct 02 01:53:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 02 01:50:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	341925	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	328146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	136240	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	103958	43.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.76%
7) Chloroethane-d5	1.67	69	90137	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.54%
11) 1,1-Dichloroethene-d2	2.26	63	154727	36.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.44%
21) 2-Butanone-d5	4.15	46	235039	100.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.51%
24) Chloroform-d	4.62	84	220696	47.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.92%
26) 1,2-Dichloroethane-d4	5.29	65	160172	46.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.82%
32) Benzene-d6	5.32	84	433016	48.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.96%
36) 1,2-Dichloropropane-d6	6.31	67	155455	50.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.24%
41) Toluene-d8	7.54	98	407186	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%
43) trans-1,3-Dichloropropene-	7.83	79	68891	50.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.28%
47) 2-Hexanone-d5	8.29	63	162709	110.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.68%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	213400	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.84	152	136994	50.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.08%

Target Compounds

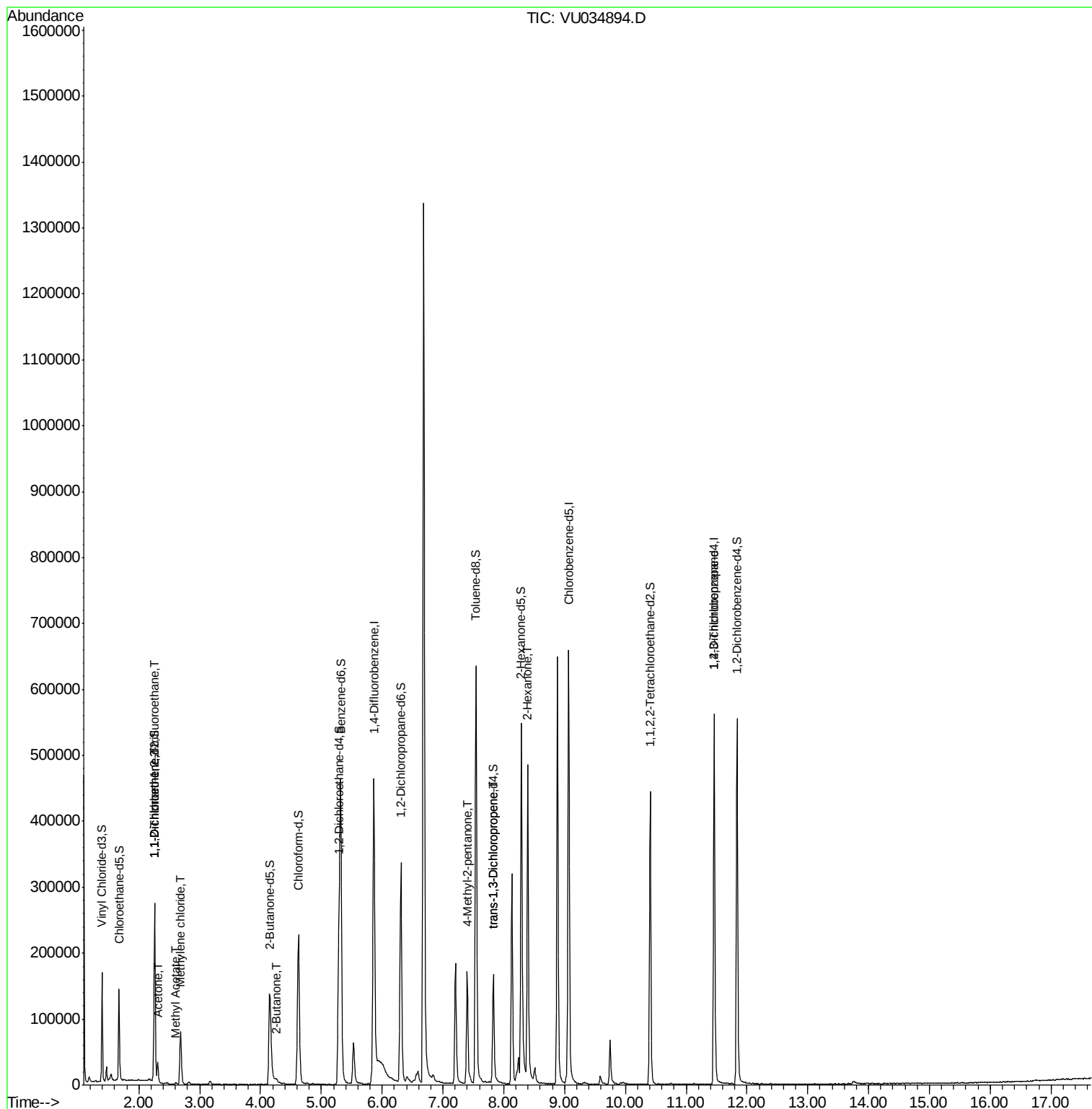
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1257	0.778 ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1204	0.939 ug/L #	1
13) Acetone	2.31	43	31996	17.215 ug/L	96
15) Methyl Acetate	2.61	43	4244	1.431 ug/L #	74
16) Methylene chloride	2.68	84	32851	17.538 ug/L	97
22) 2-Butanone	4.26	43	9425	3.904 ug/L	100
40) 4-Methyl-2-pentanone	7.40	43	74622	15.548 ug/L #	55
44) trans-1,3-Dichloropropene	7.83	75	3365	1.106 ug/L	83
48) 2-Hexanone	8.40	43	75091	20.618 ug/L #	1
59) 1,2,3-Trichloropropane	11.46	75	20919	5.865 ug/L	94

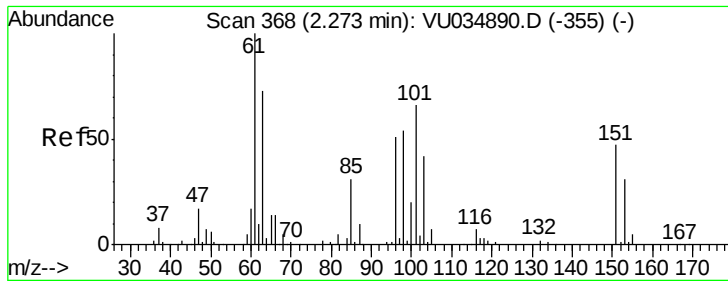
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.778 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

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ClientSampleId :

BFDN0

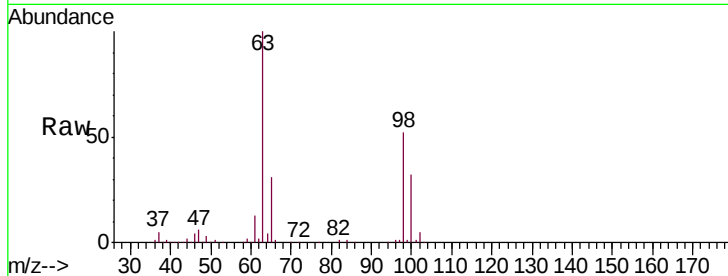
Tgt Ion: 101 Resp: 1257

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

151 0.0 56.0 84.0#



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

1000

800

600

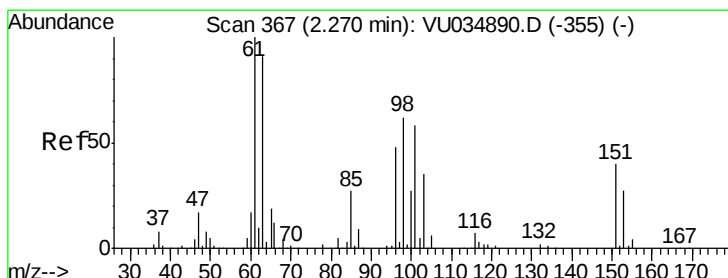
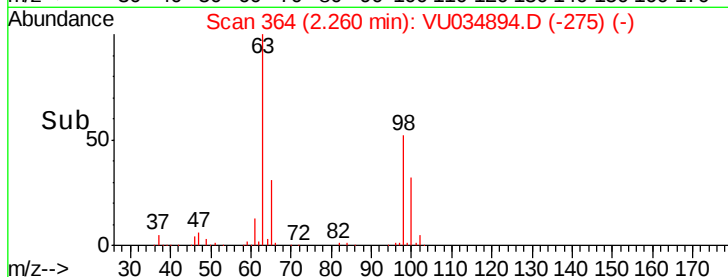
400

200

0

2.22 2.24 2.26 2.28 2.30

Time-->



#12

1,1-Dichloroethene

Concen: 0.939 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU034894.D

Acq: 01 Oct 2019 17:46

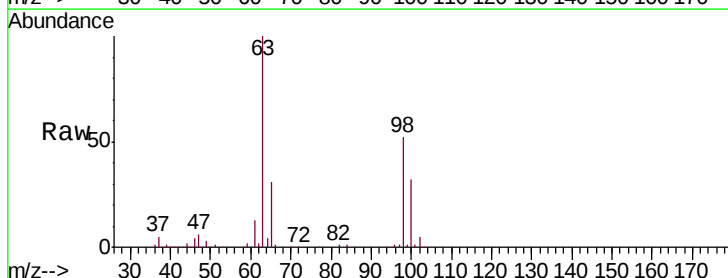
Tgt Ion: 96 Resp: 1204

Ion Ratio Lower Upper

96 100

61 1641.8 147.0 273.0#

63 12532.0 140.5 260.9#



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

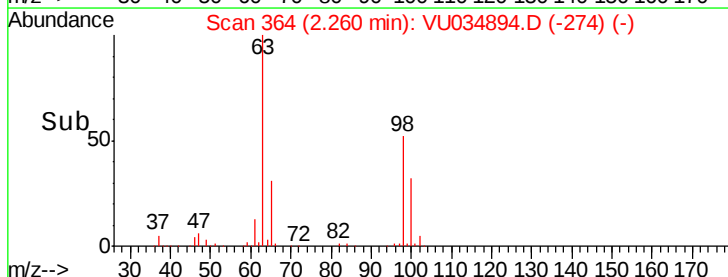
100000

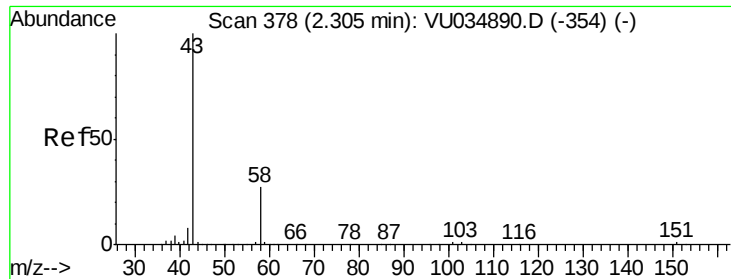
50000

0

2.22 2.24 2.26 2.28 2.30

Time-->





#13

Acetone

Concen: 17.215 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034894.D

Acq: 01 Oct 2019 17:46

Instrument :

MSVOA_U

ClientSampleId :

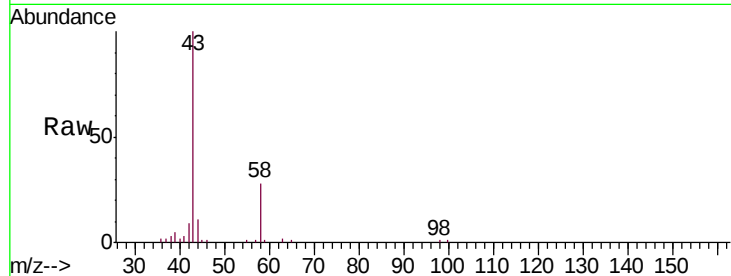
BFDN0

Tgt Ion: 43 Resp: 31996

Ion Ratio Lower Upper

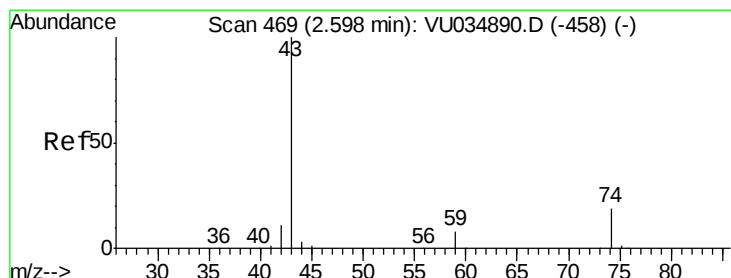
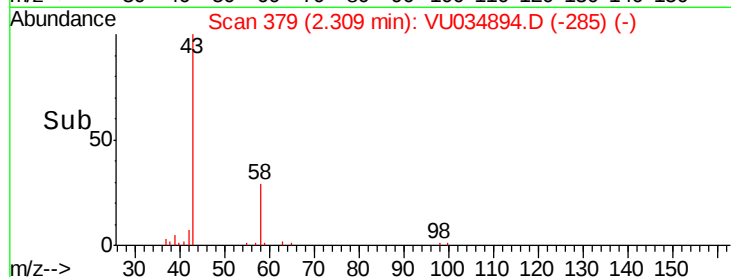
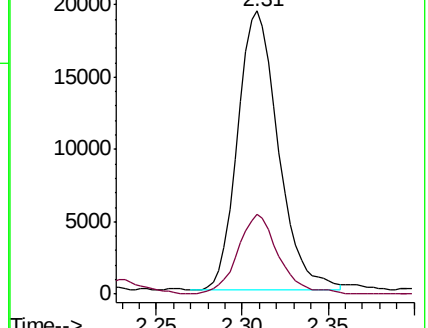
43 100

58 28.1 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VU034894.D (-379) (-)

Ion 58.00 (57.70 to 58.70): VU034894.D (-379) (-)



#15

Methyl Acetate

Concen: 1.431 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU034894.D

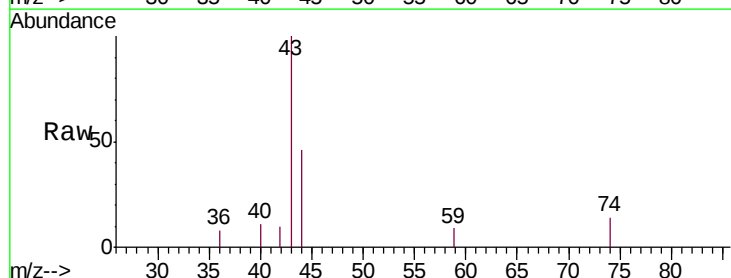
Acq: 01 Oct 2019 17:46

Tgt Ion: 43 Resp: 4244

Ion Ratio Lower Upper

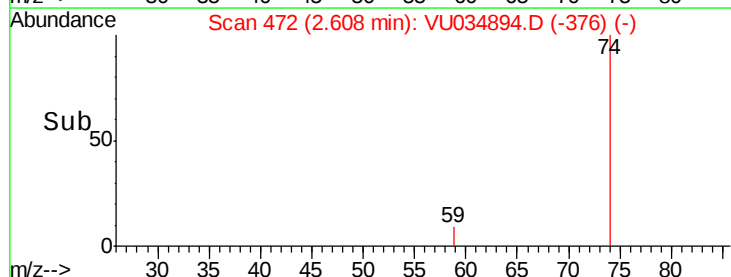
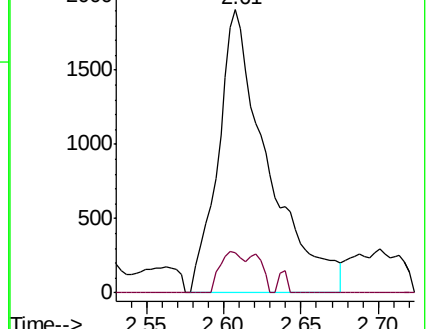
43 100

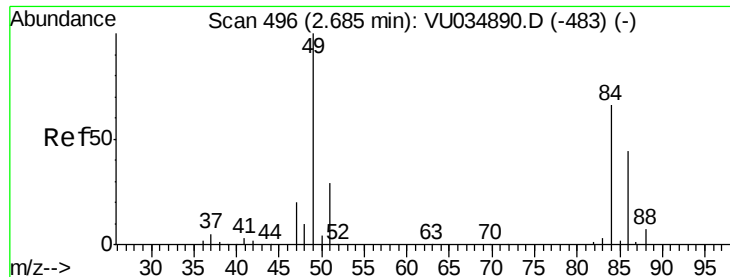
74 7.2 15.3 22.9#



Abundance Ion 43.00 (42.70 to 43.70): VU034894.D (-472) (-)

Ion 74.00 (73.70 to 74.70): VU034894.D (-472) (-)

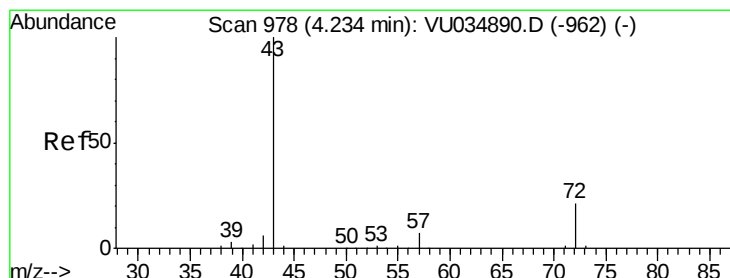
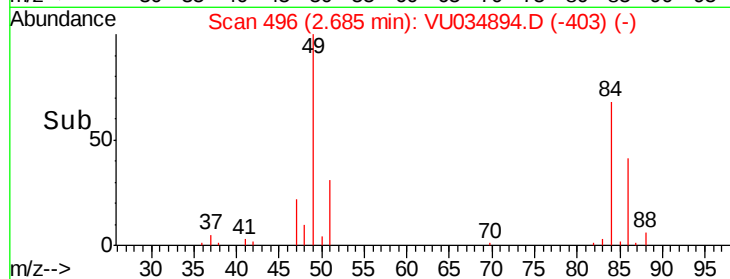
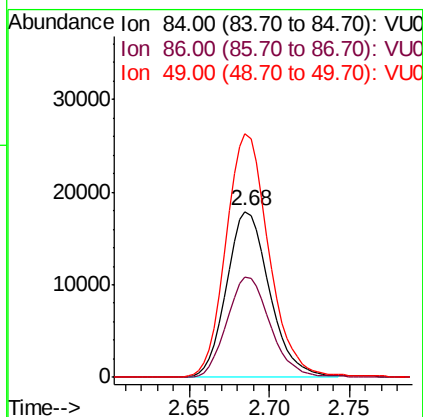
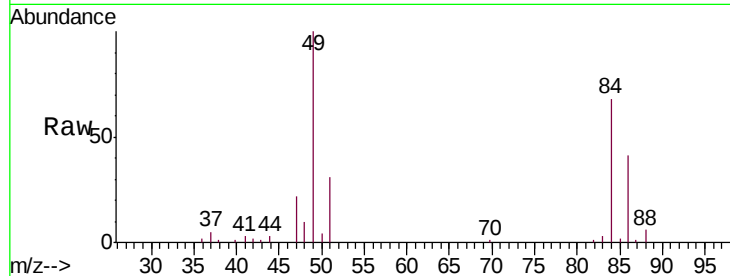




#16
Methylene chloride
Concen: 17.538 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034894.D
Acq: 01 Oct 2019 17:46

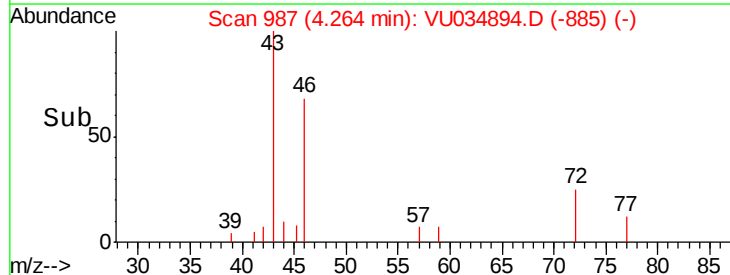
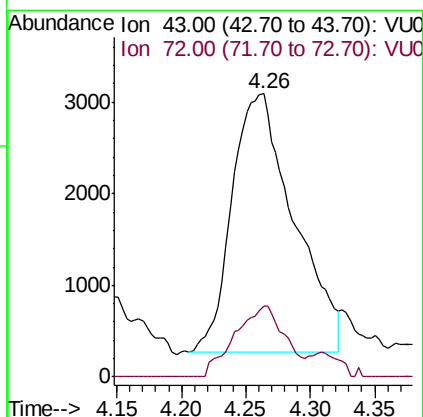
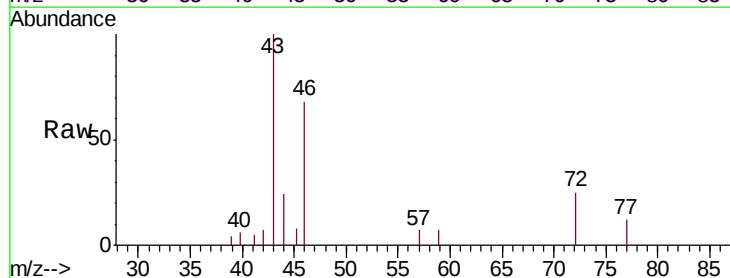
Instrument :
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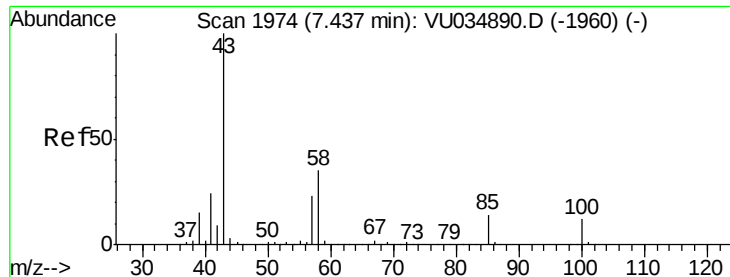
Tgt Ion: 84 Resp: 32851
Ion Ratio Lower Upper
84 100
86 60.5 44.7 82.9
49 146.5 100.7 186.9



#22
2-Butanone
Concen: 3.904 ug/L
RT: 4.26 min Scan# 987
Delta R.T. 0.03 min
Lab File: VU034894.D
Acq: 01 Oct 2019 17:46

Tgt Ion: 43 Resp: 9425
Ion Ratio Lower Upper
43 100
72 22.3 11.2 33.6

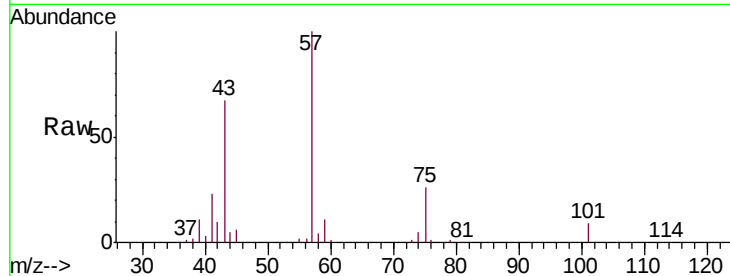




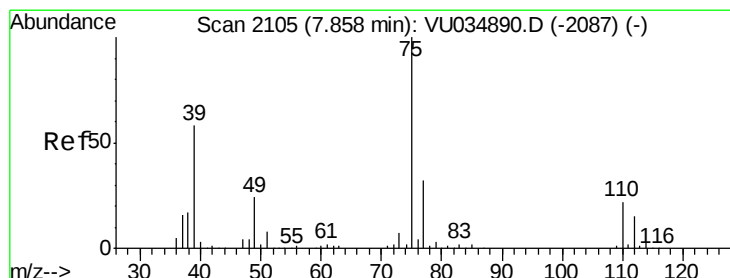
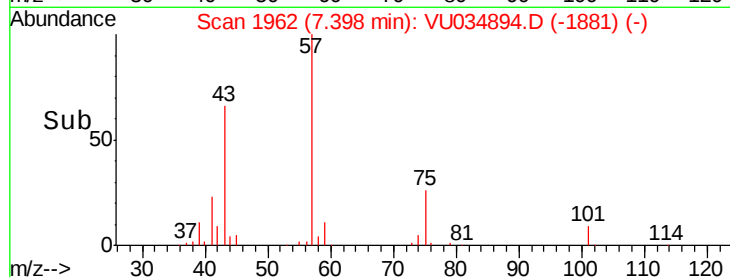
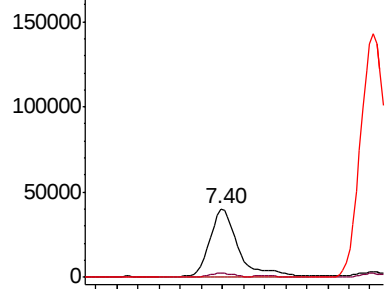
#40
4-Methyl-2-pentanone
Concen: 15.548 ug/L
RT: 7.40 min Scan# 1962
Delta R.T. -0.04 min
Lab File: VU034894.D
Acq: 01 Oct 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDN0

Tgt Ion: 43 Resp: 74622
Ion Ratio Lower Upper
43 100
58 5.3 27.5 41.3#
100 0.0 9.0 13.6#

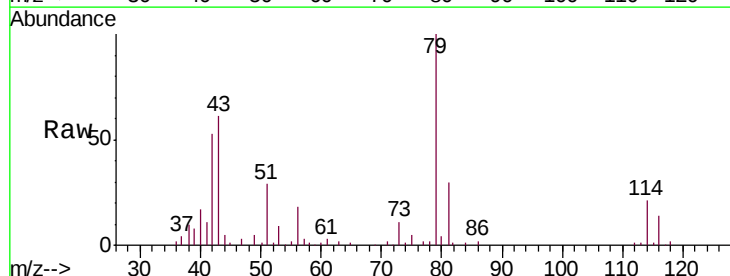


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

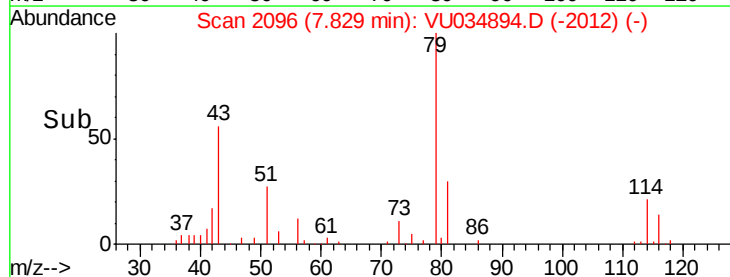
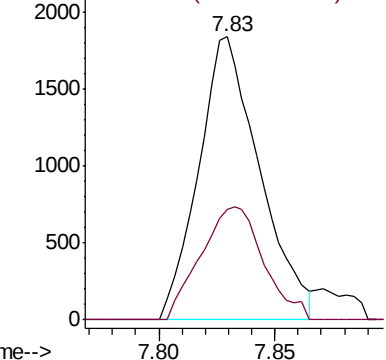


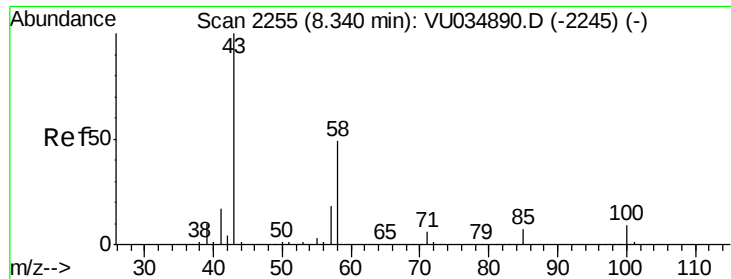
#44
trans-1,3-Dichloropropene
Concen: 1.106 ug/L
RT: 7.83 min Scan# 2096
Delta R.T. -0.03 min
Lab File: VU034894.D
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Tgt Ion: 75 Resp: 3365
Ion Ratio Lower Upper
75 100
77 39.0 21.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

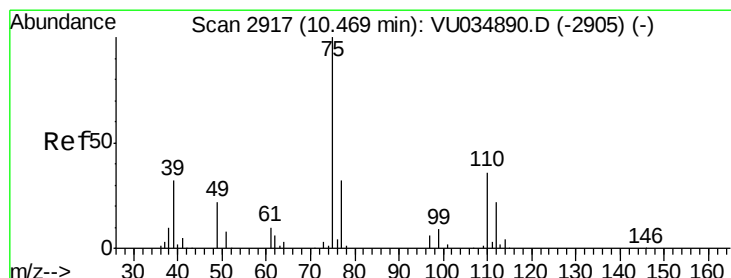
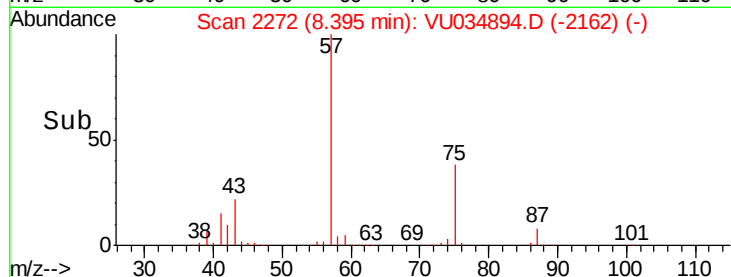
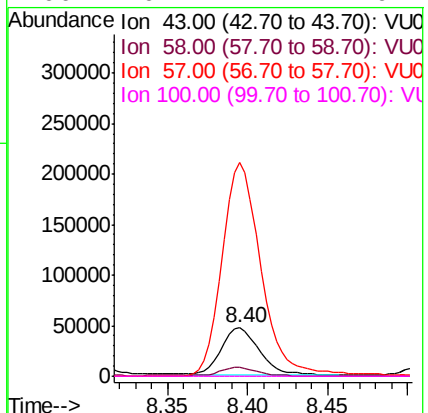
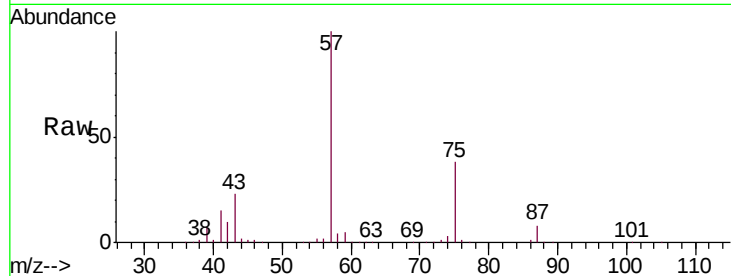




#48
2-Hexanone
Concen: 20.618 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.05 min
Lab File: VU034894.D
Acq: 01 Oct 2019 17:46

Instrument :
MSVOA_U
ClientSampleId :
BFDN0

Tgt Ion: 43 Resp: 75091
Ion Ratio Lower Upper
43 100
58 19.2 37.8 56.8#
57 471.0 13.4 20.0#
100 0.1 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 5.865 ug/L
RT: 11.46 min Scan# 3225
Delta R.T. 0.99 min
Lab File: VU034894.D
Acq: 01 Oct 2019 17:46

Tgt Ion: 75 Resp: 20919
Ion Ratio Lower Upper
75 100
77 35.8 25.9 38.9

