

Data File : VU034827.D
Acq On : 26 Sep 2019 01:02
Operator : JC/SP
Sample : K4983-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDK7

Quant Time: Sep 26 07:03:36 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	448486	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	434449	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	200905	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	187758	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.93	69	352	0.10	ug/L	0.26
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.20%#
11) 1,1-Dichloroethene-d2	2.26	63	249773	32.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.24%
21) 2-Butanone-d5	4.15	46	415836	118.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.17%
24) Chloroform-d	4.62	84	320406	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.29	65	222810	45.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.82%
32) Benzene-d6	5.32	84	679147	50.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.88%
36) 1,2-Dichloropropane-d6	6.31	67	240802	51.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.32%
41) Toluene-d8	7.54	98	648799	50.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.28%
43) trans-1,3-Dichloropropene-	7.83	79	99287	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
47) 2-Hexanone-d5	8.29	63	285217	120.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.65%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	329450	50.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.90%
64) 1,2-Dichlorobenzene-d4	11.84	152	228218	54.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.34%

Target Compounds

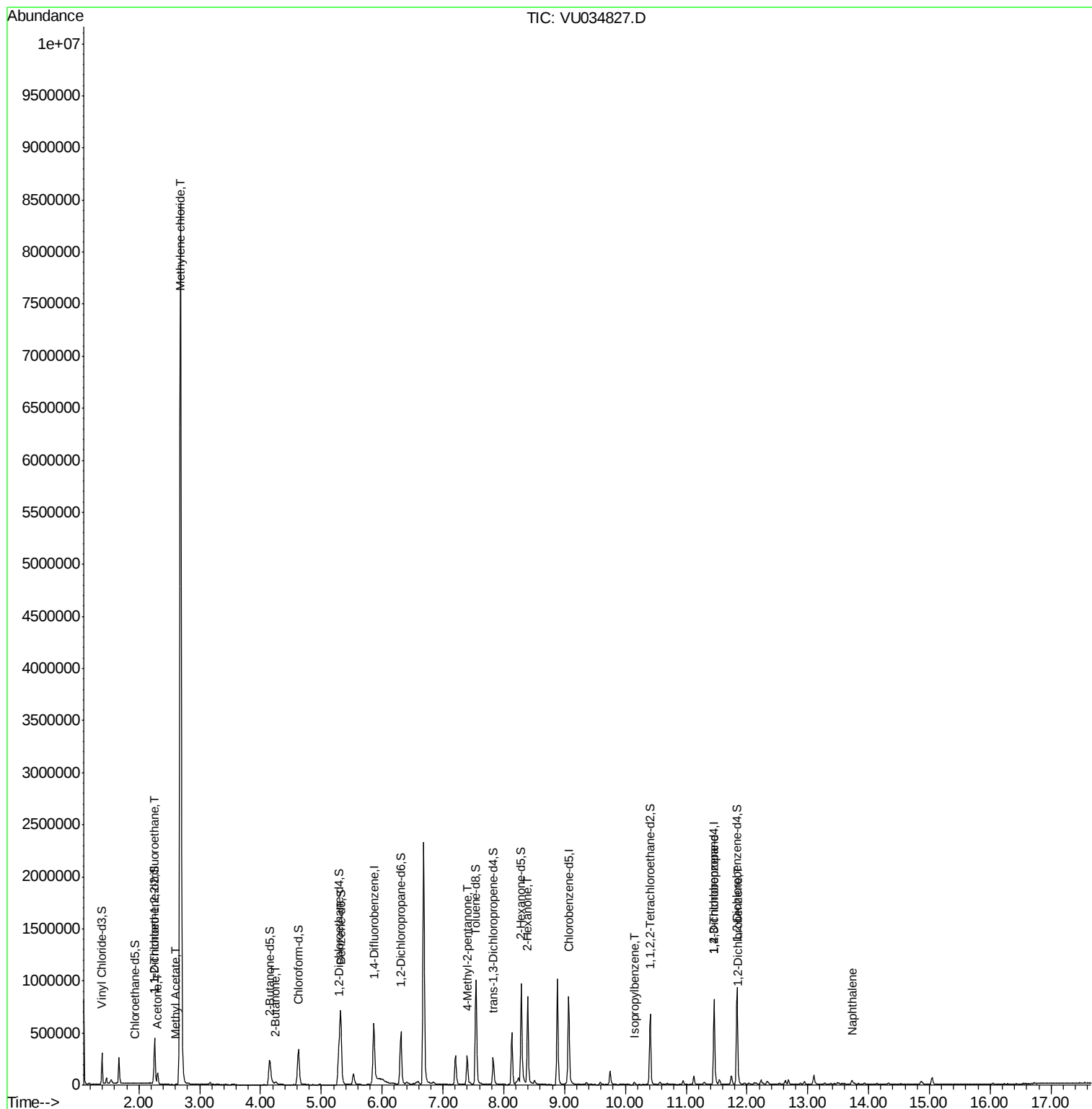
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	2174	0.711 ug/L #	22
13) Acetone	2.31	43	114234	27.908 ug/L	96
15) Methyl Acetate	2.60	43	8914	1.630 ug/L	98
16) Methylene chloride	2.68	84	3357650	903.347 ug/L	96
22) 2-Butanone	4.25	43	39676	8.148 ug/L	98
40) 4-Methyl-2-pentanone	7.40	43	108903	12.714 ug/L #	59
48) 2-Hexanone	8.40	43	124410	18.596 ug/L #	1
56) Isopropylbenzene	10.14	105	14581	0.842 ug/L	98
59) 1,2,3-Trichloropropane	11.46	75	30077	5.367 ug/L	92
65) 1,2-Dichlorobenzene	11.86	146	5854	0.833 ug/L	91
69) Naphthalene	13.73	128	39296	3.096 ug/L	99

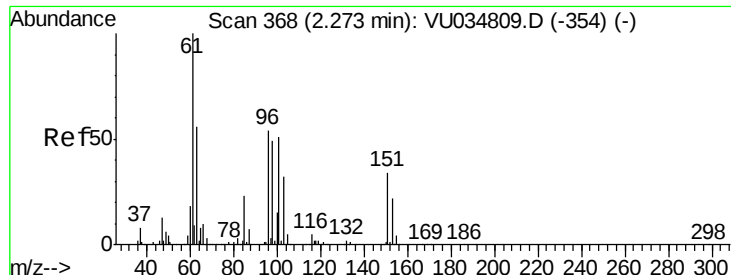
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.711 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU034827.D

Acq: 26 Sep 2019 01:02

Instrument :

MSVOA_U

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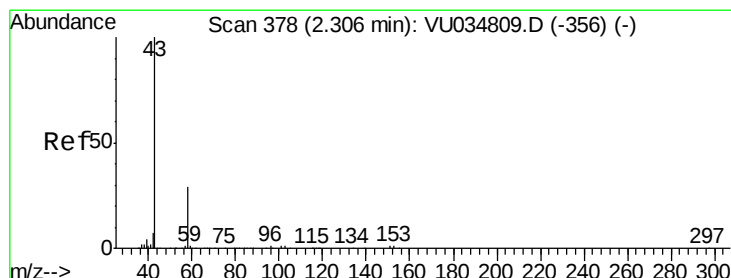
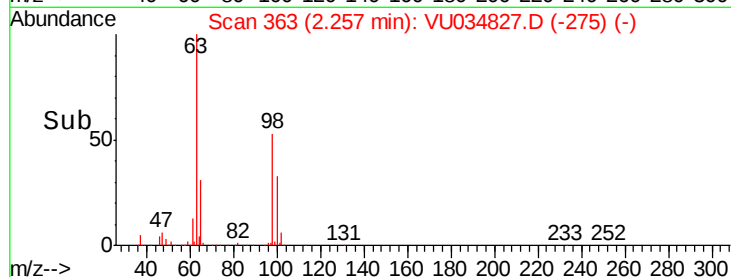
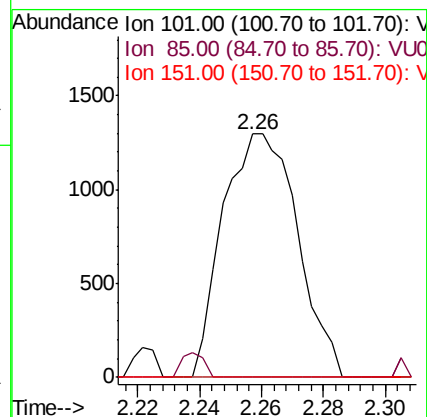
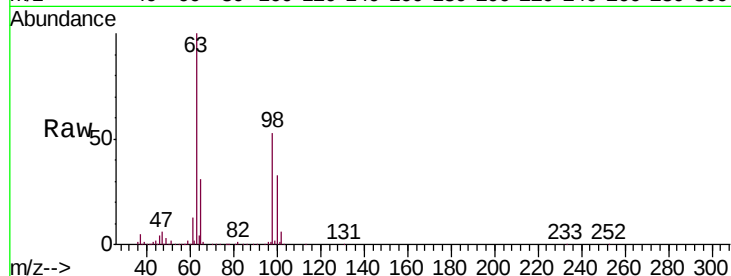
Tgt Ion: 101 Resp: 2174

Ion Ratio Lower Upper

101 100

85 0.0 39.0 58.4#

151 0.0 52.8 79.2#



#13

Acetone

Concen: 27.908 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VU034827.D

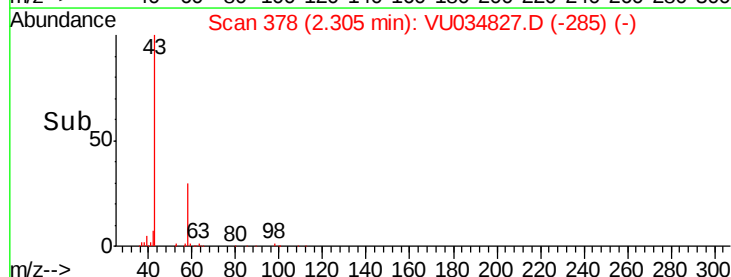
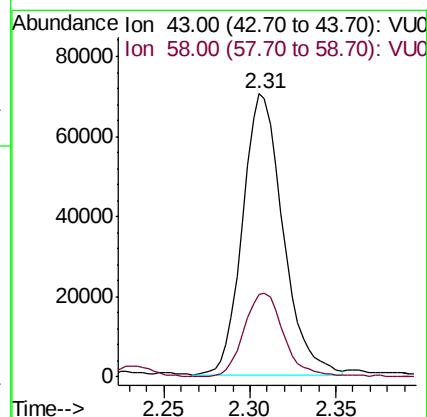
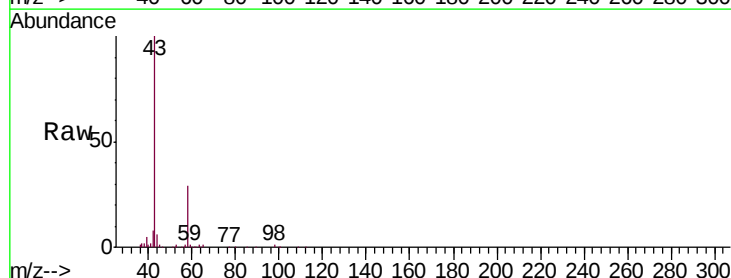
Acq: 26 Sep 2019 01:02

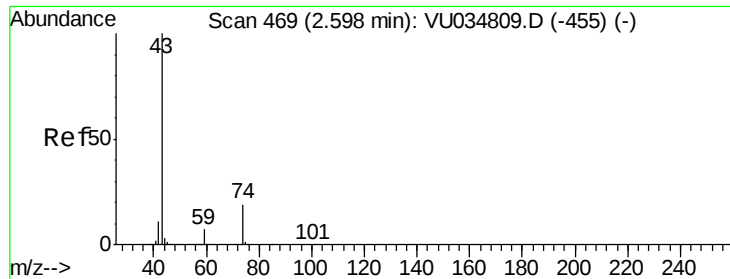
Tgt Ion: 43 Resp: 114234

Ion Ratio Lower Upper

43 100

58 28.7 0.0 53.4

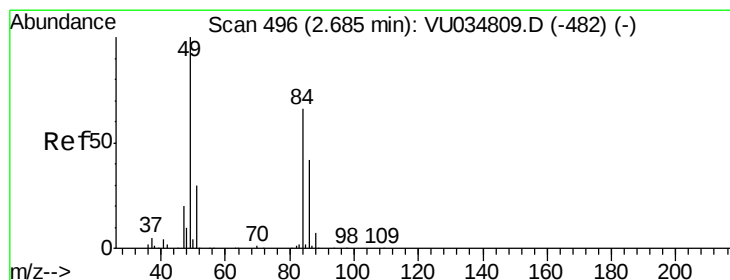
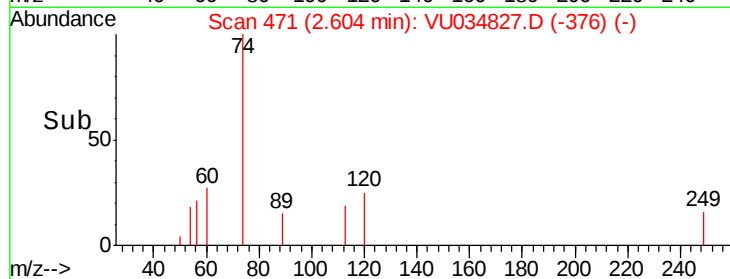
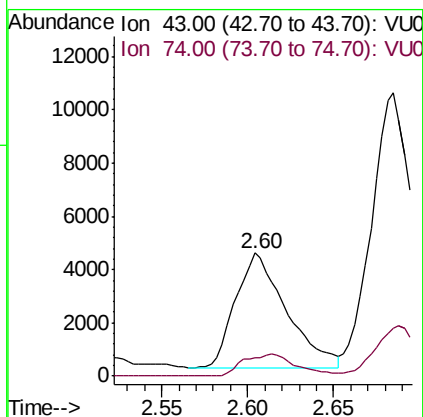
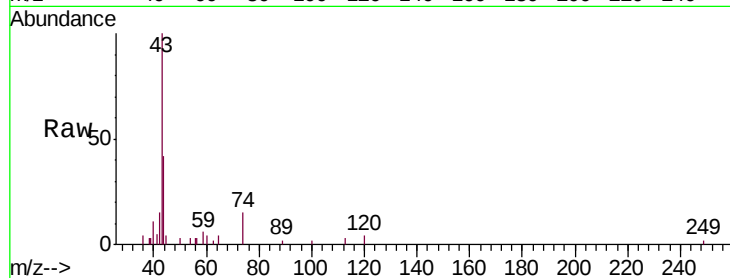




#15
Methyl Acetate
Concen: 1.630 ug/L
RT: 2.60 min Scan# 471
Delta R.T. 0.01 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

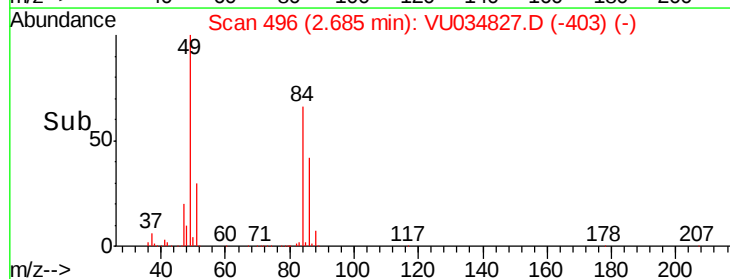
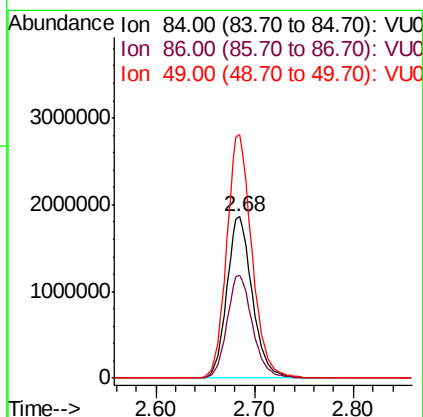
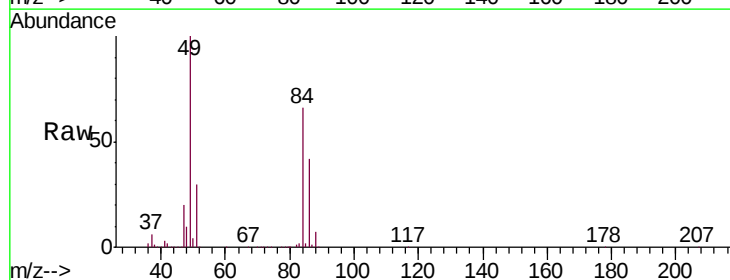
Instrument :
MSVOA_U
ClientSampled :
BFDK7

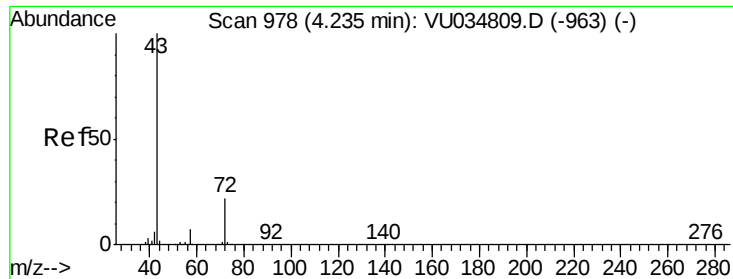
Tgt Ion: 43 Resp: 8914
Ion Ratio Lower Upper
43 100
74 19.1 14.4 21.6



#16
Methylene chloride
Concen: 903.347 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

Tgt Ion: 84 Resp: 3357650
Ion Ratio Lower Upper
84 100
86 64.1 43.0 80.0
49 151.1 109.7 203.7





#22

2-Butanone

Concen: 8.148 ug/L

RT: 4.25 min Scan# 983

Delta R.T. 0.02 min

Lab File: VU034827.D

Acq: 26 Sep 2019 01:02

Instrument :

MSVOA_U

ClientSampleId :

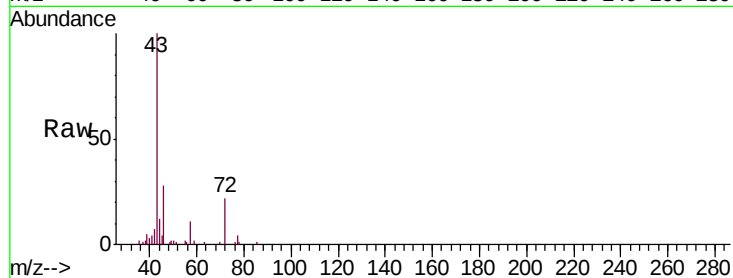
BFDK7

Tgt Ion: 43 Resp: 39676

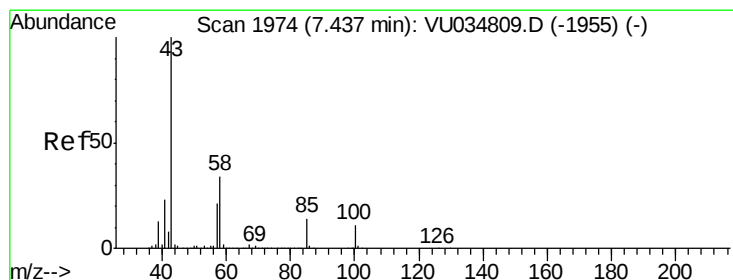
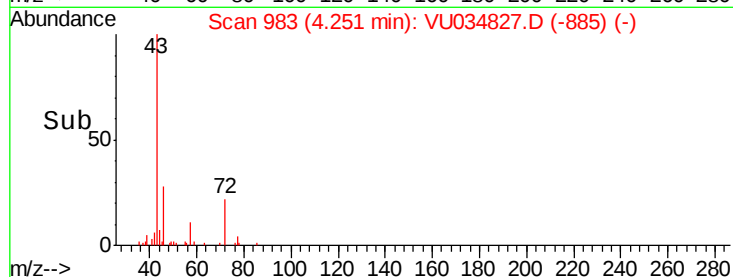
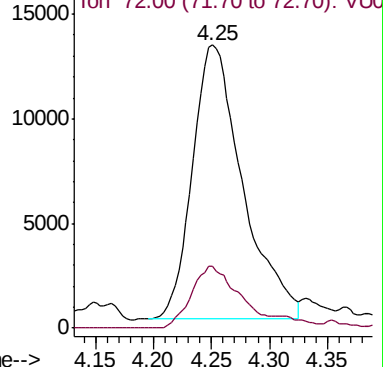
Ion Ratio Lower Upper

43 100

72 21.3 10.2 30.6



Abundance Ion 43.00 (42.70 to 43.70): VU034809.D (-963) (-)



#40

4-Methyl-2-pentanone

Concen: 12.714 ug/L

RT: 7.40 min Scan# 1962

Delta R.T. -0.04 min

Lab File: VU034827.D

Acq: 26 Sep 2019 01:02

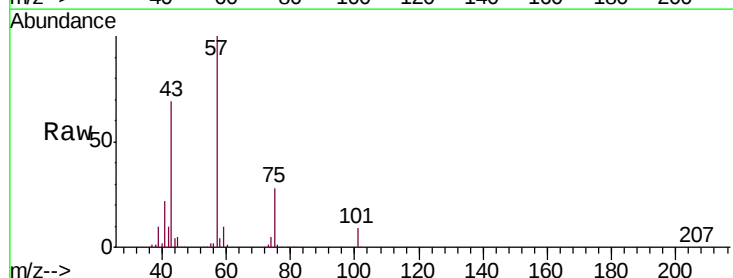
Tgt Ion: 43 Resp: 108903

Ion Ratio Lower Upper

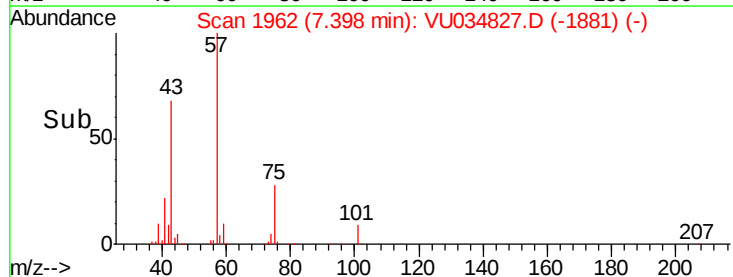
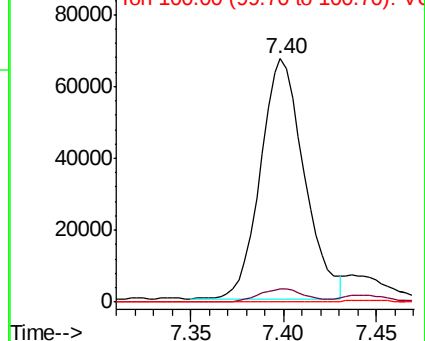
43 100

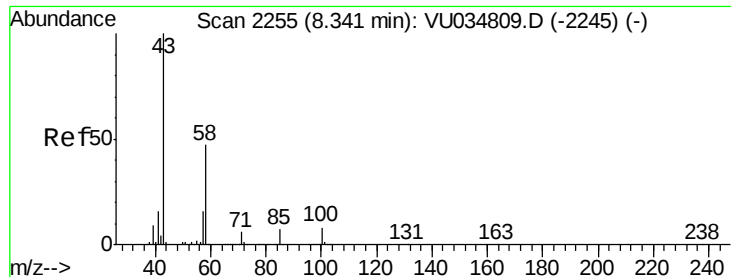
58 6.0 25.2 37.8#

100 0.1 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VU034809.D (-1955) (-)

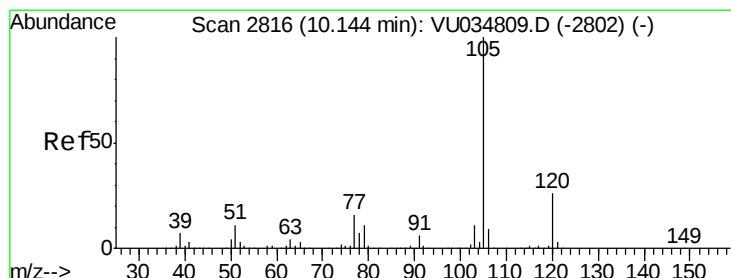
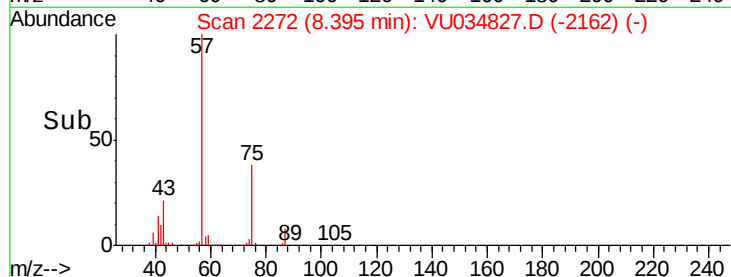
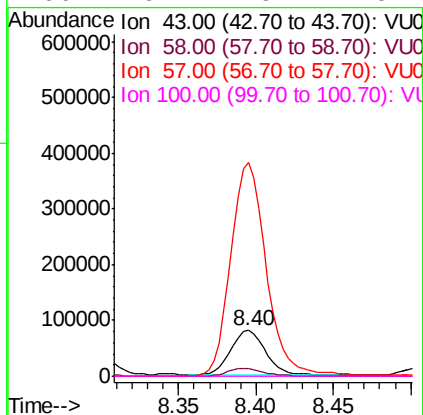
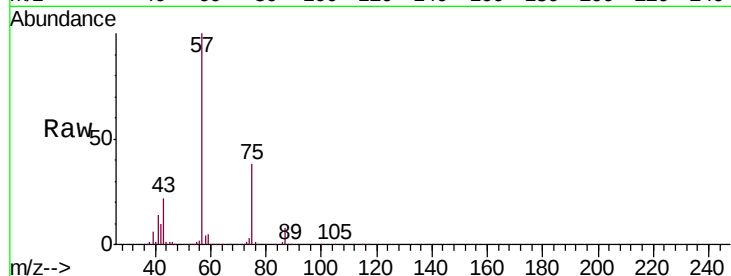




#48
2-Hexanone
Concen: 18.596 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.05 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

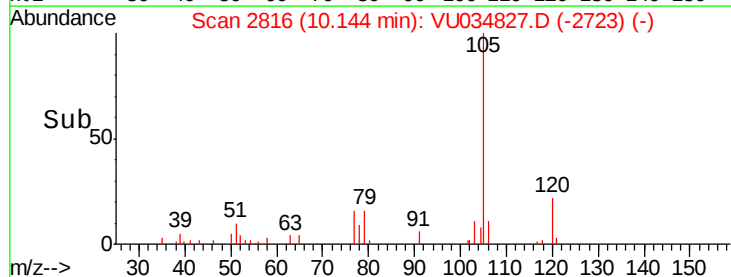
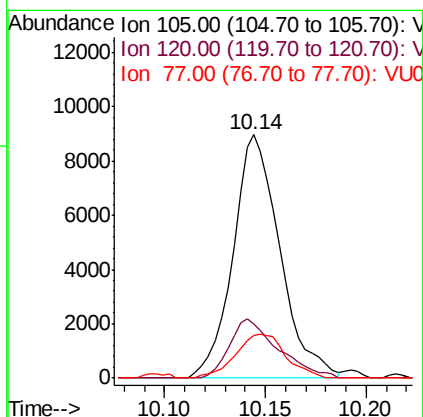
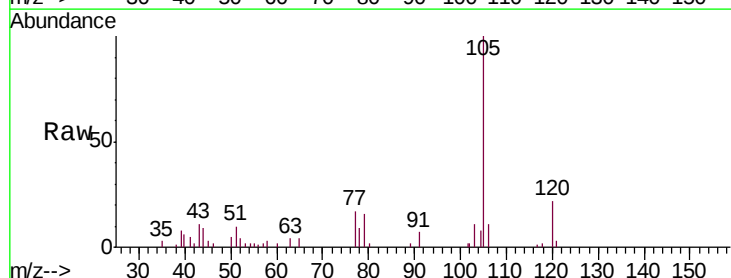
Instrument :
MSVOA_U
ClientSampleId :
BFDK7

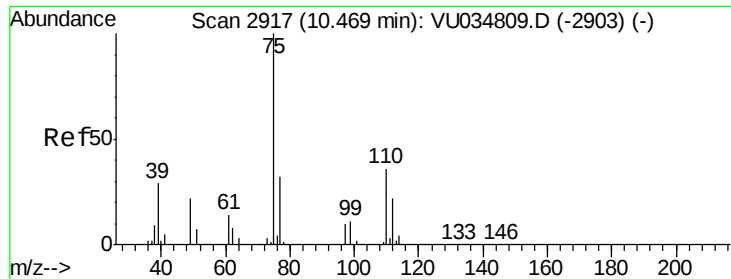
Tgt Ion	Ratio	Lower	Upper
43	100		
58	17.5	35.3	52.9#
57	490.9	12.1	18.1#
100	0.1	6.2	9.4#



#56
Isopropylbenzene
Concen: 0.842 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. -0.00 min
Lab File: VU034827.D
Acq: 26 Sep 2019 01:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.4	30.6
77	19.4	14.2	21.4





#59

1,2,3-Trichloropropane

Concen: 5.367 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034827.D

Acq: 26 Sep 2019 01:02

Instrument :

MSVOA_U

ClientSampleId :

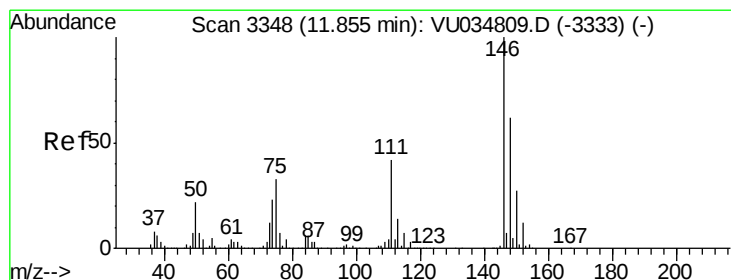
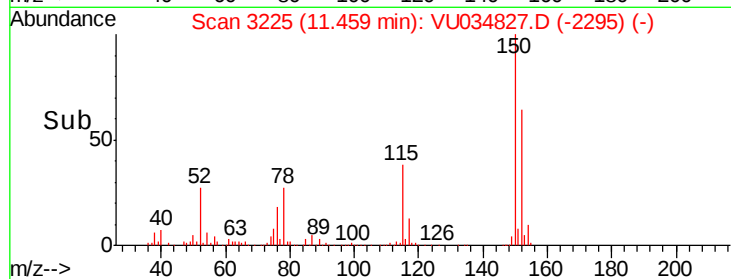
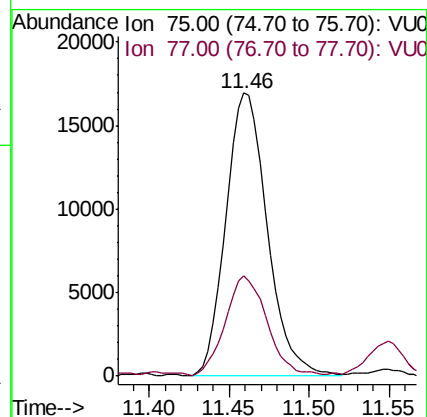
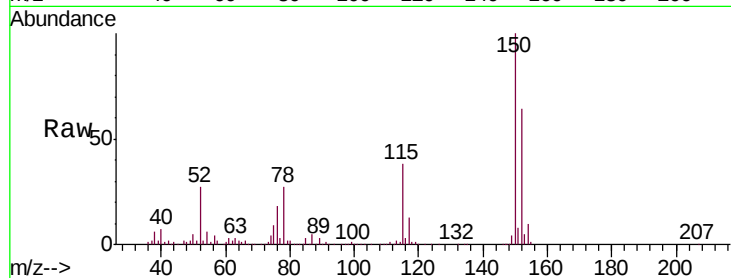
BFDK7

Tgt Ion: 75 Resp: 30077

Ion Ratio Lower Upper

75 100

77 35.2 24.6 37.0



#65

1,2-Dichlorobenzene

Concen: 0.833 ug/L

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU034827.D

Acq: 26 Sep 2019 01:02

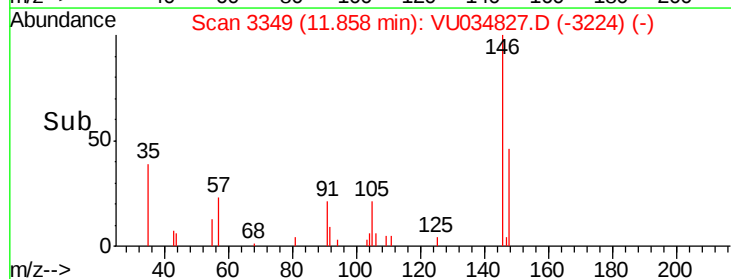
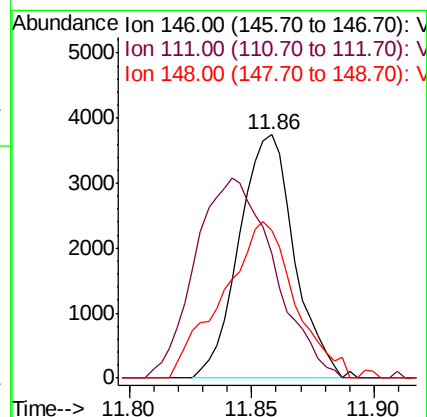
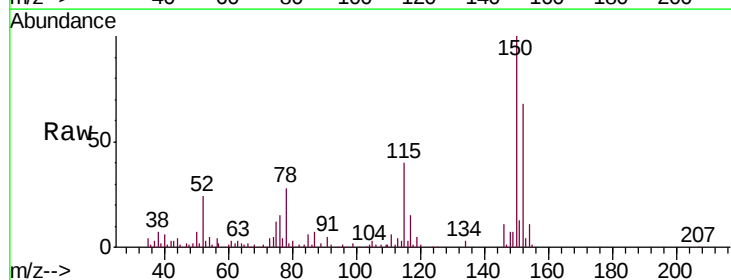
Tgt Ion: 146 Resp: 5854

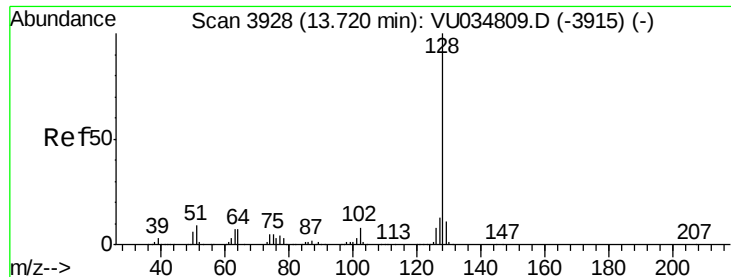
Ion Ratio Lower Upper

146 100

111 51.0 35.2 52.8

148 60.8 53.0 79.6





#69

Naphthalene

Concen: 3.096 ug/L

RT: 13.73 min Scan# 3931

Delta R.T. 0.01 min

Lab File: VU034827.D

Acq: 26 Sep 2019 01:02

Instrument :

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ClientSampleId :

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Tgt Ion:128 Resp: 39296

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.6 8.6 12.8

