

Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDK5

Quant Time: Oct 02 01:54:09 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	345949	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	335410	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	143064	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	104744	43.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.40%
7) Chloroethane-d5	1.67	69	93914	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.26	63	155357	35.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.88%
21) 2-Butanone-d5	4.15	46	264565	111.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.82%
24) Chloroform-d	4.62	84	224527	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
26) 1,2-Dichloroethane-d4	5.29	65	167381	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.32	84	436860	47.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.70%
36) 1,2-Dichloropropane-d6	6.31	67	156299	49.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.58%
41) Toluene-d8	7.54	98	400644	46.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.26%
43) trans-1,3-Dichloropropene-	7.83	79	68790	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
47) 2-Hexanone-d5	8.29	63	176837	117.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.69%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	220303	49.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.28%
64) 1,2-Dichlorobenzene-d4	11.84	152	145633	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1318	0.807	ug/L #	21
12) 1,1-Dichloroethene	2.26	96	1269	0.978	ug/L #	1
13) Acetone	2.31	43	87602	46.586	ug/L	97
14) Carbon disulfide	2.46	76	2357	1.133	ug/L #	91
15) Methyl Acetate	2.61	43	2802	0.933	ug/L	98
16) Methylene chloride	2.68	84	1923030	1014.682	ug/L	96
22) 2-Butanone	4.25	43	29822	12.210	ug/L	97
44) trans-1,3-Dichloropropene	7.83	75	3124	1.005	ug/L #	71
48) 2-Hexanone	8.29	43	67397	18.105	ug/L #	54
53) m,p-Xylene	9.36	106	5808	1.840	ug/L	89
54) o-xylene	9.76	106	9589	2.880	ug/L	95
56) Isopropylbenzene	10.14	105	10983	1.181	ug/L	95
59) 1,2,3-Trichloropropane	11.46	75	21882	6.002	ug/L	91
65) 1,2-Dichlorobenzene	11.86	146	12105	2.916	ug/L	92
69) Naphthalene	13.72	128	209515	30.286	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100219\
Quantitation Report (Not Reviewed)

Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDK5

Quant Time: Oct 02 01:54:09 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

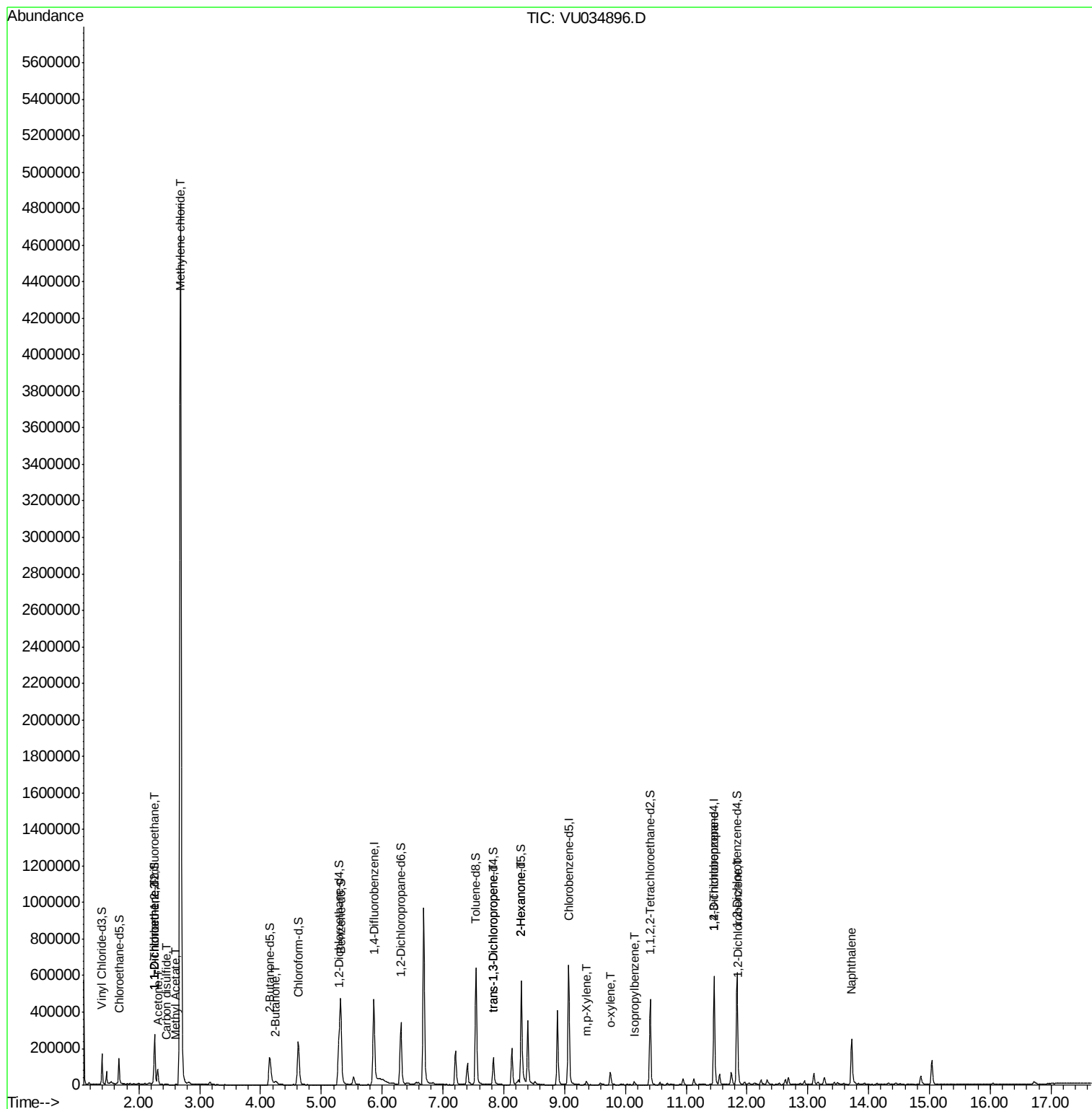
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

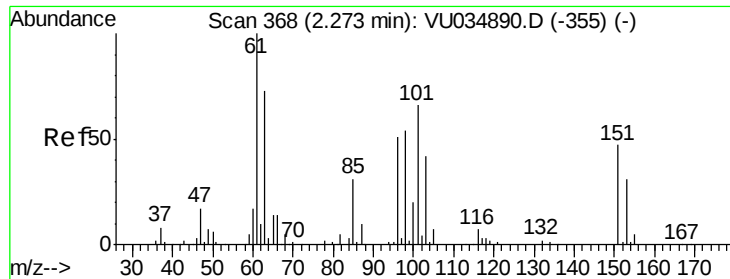
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VU034896.D
Acq On : 01 Oct 2019 18:33
Operator : JC/SP
Sample : K5028-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDK5

Quant Time: Oct 02 01:54:09 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





#10

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

Concen: 0.807 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.02 min

Lab File: VU034896.D

Acq: 01 Oct 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

BFDK5

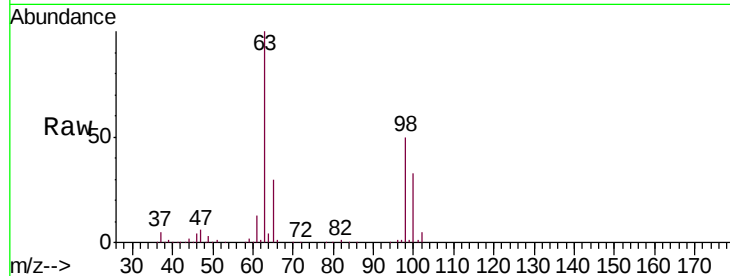
Tgt Ion:101 Resp: 1318

Ion Ratio Lower Upper

101 100

85 0.0 37.1 55.7#

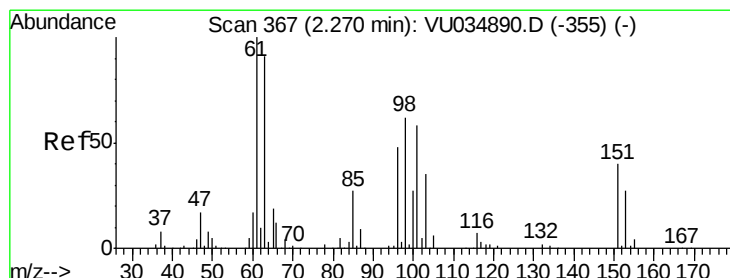
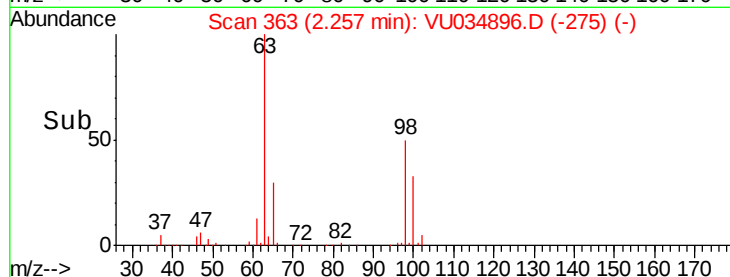
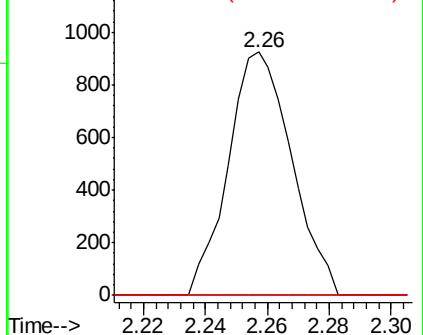
151 0.0 56.0 84.0#



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



#12

1,1-Dichloroethene

Concen: 0.978 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU034896.D

Acq: 01 Oct 2019 18:33

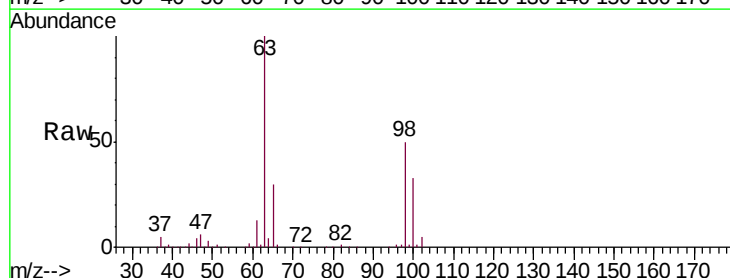
Tgt Ion: 96 Resp: 1269

Ion Ratio Lower Upper

96 100

61 1577.3 147.0 273.0#

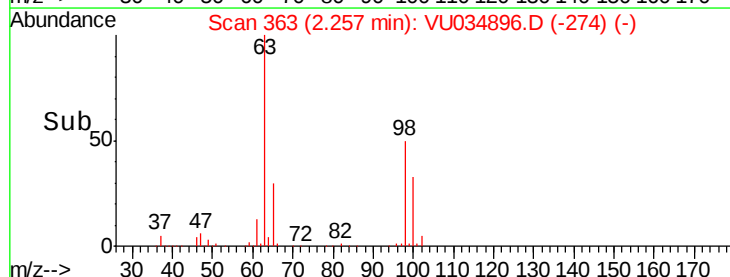
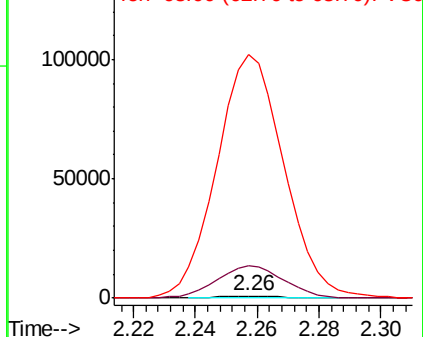
63 11792.8 140.5 260.9#

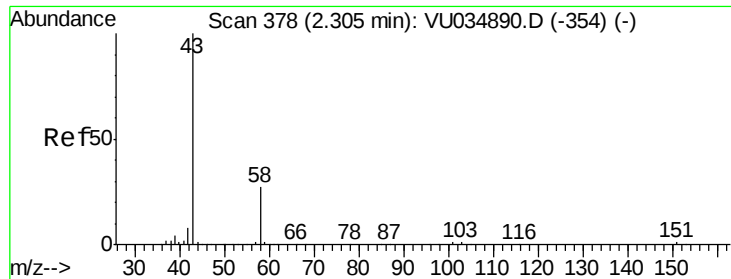


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 46.586 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VU034896.D

Acq: 01 Oct 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

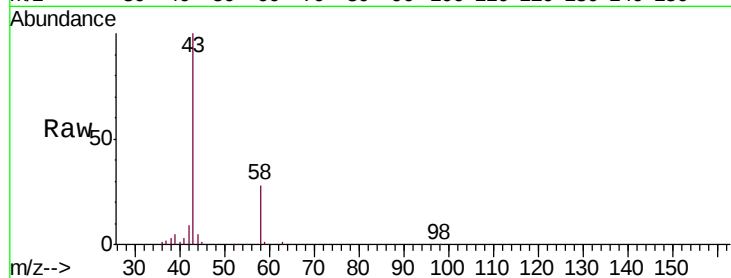
BFDK5

Tgt Ion: 43 Resp: 87602

Ion Ratio Lower Upper

43 100

58 27.6 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VU034896.D (-354) (-)

Ion 58.00 (57.70 to 58.70): VU034896.D (-354) (-)

2.31

60000

50000

40000

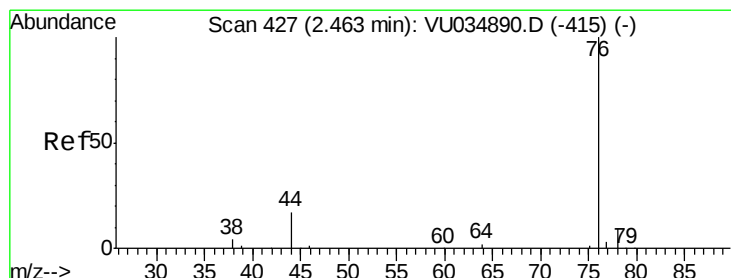
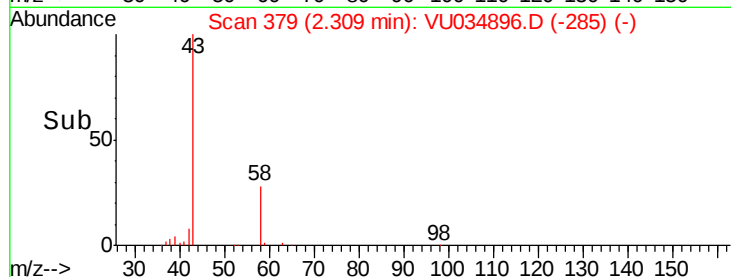
30000

20000

10000

0

Time-->



#14

Carbon disulfide

Concen: 1.133 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU034896.D

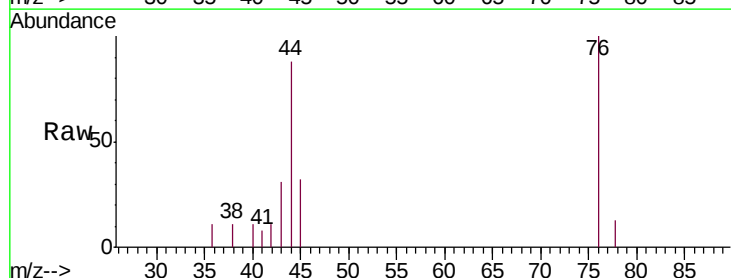
Acq: 01 Oct 2019 18:33

Tgt Ion: 76 Resp: 2357

Ion Ratio Lower Upper

76 100

78 12.5 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VU034896.D (-334) (-)

Ion 78.00 (77.70 to 78.70): VU034896.D (-334) (-)

2.46

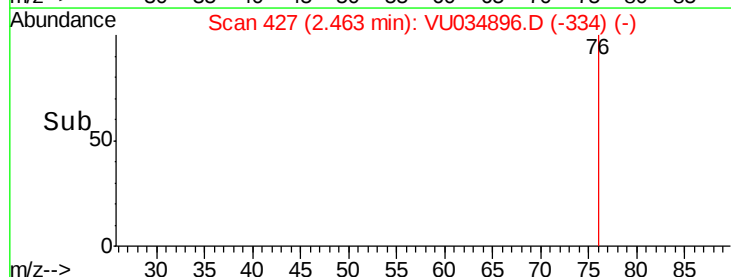
1500

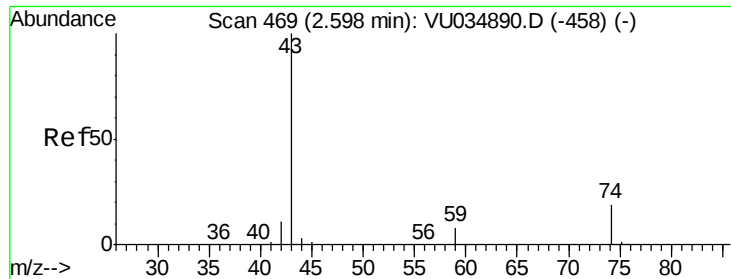
1000

500

0

Time-->

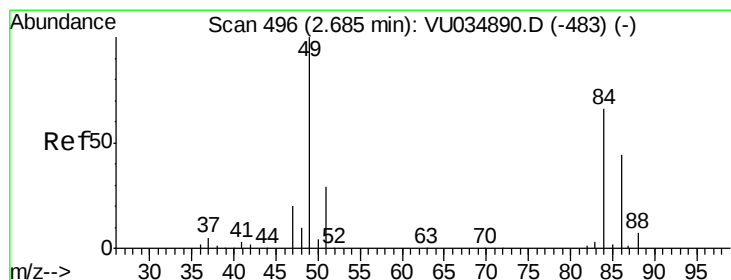
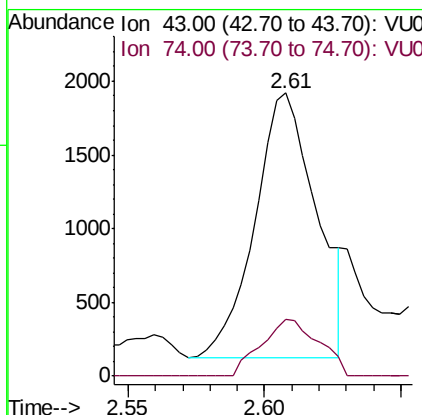
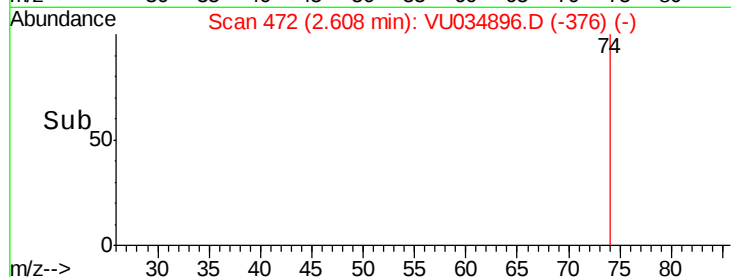
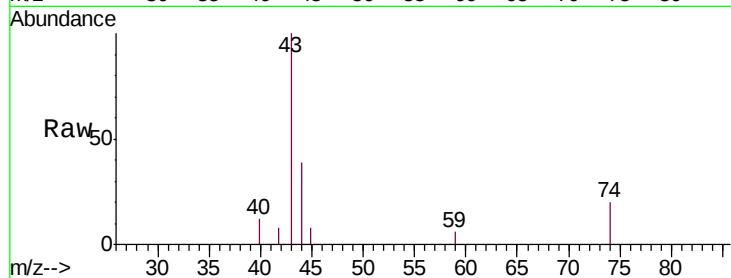




#15
Methyl Acetate
Concen: 0.933 ug/L
RT: 2.61 min Scan# 472
Delta R.T. 0.01 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

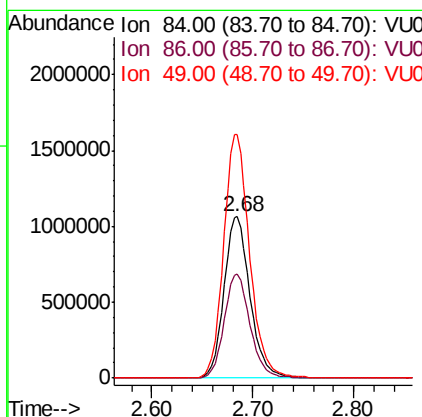
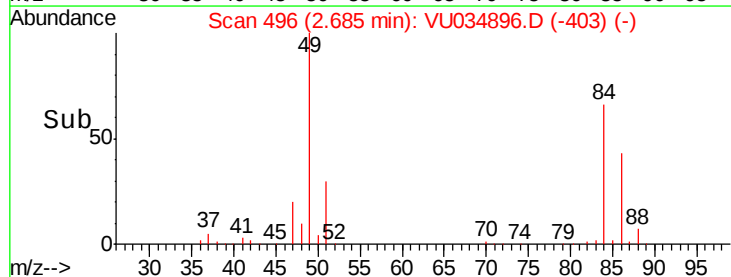
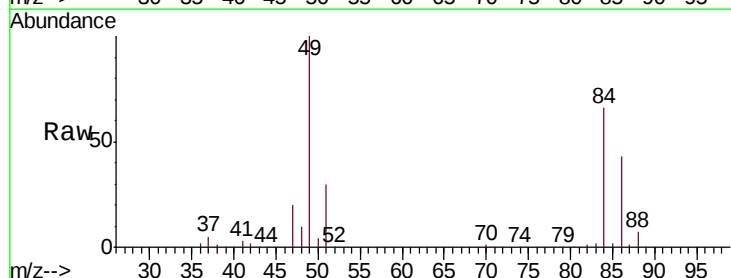
Instrument :
MSVOA_U
ClientSampleId :
BFDK5

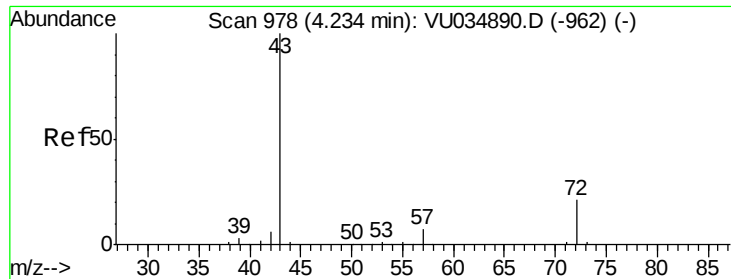
Tgt Ion: 43 Resp: 2802
Ion Ratio Lower Upper
43 100
74 20.1 15.3 22.9



#16
Methylene chloride
Concen: 1014.682 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

Tgt Ion: 84 Resp: 1923030
Ion Ratio Lower Upper
84 100
86 64.8 44.7 82.9
49 150.7 100.7 186.9





#22

2-Butanone

Concen: 12.210 ug/L

RT: 4.25 min Scan# 982

Delta R.T. 0.01 min

Lab File: VU034896.D

Acq: 01 Oct 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

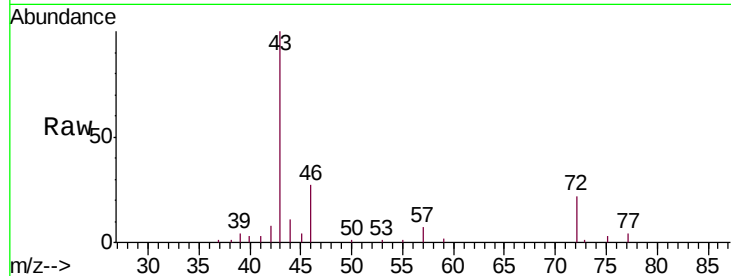
BFDK5

Tgt Ion: 43 Resp: 29822

Ion Ratio Lower Upper

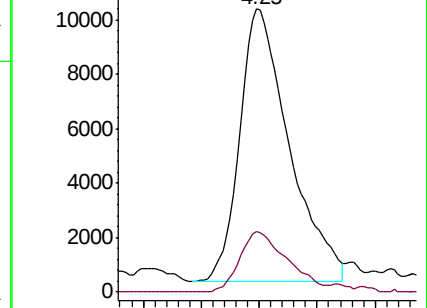
43 100

72 21.2 11.2 33.6

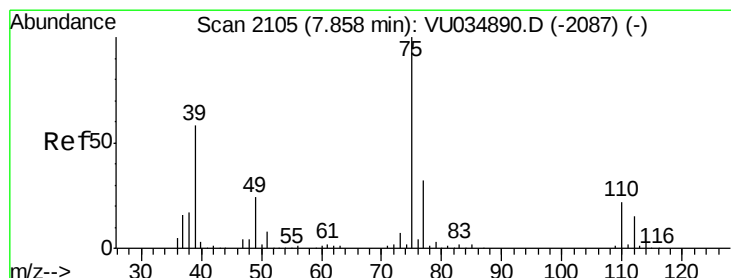
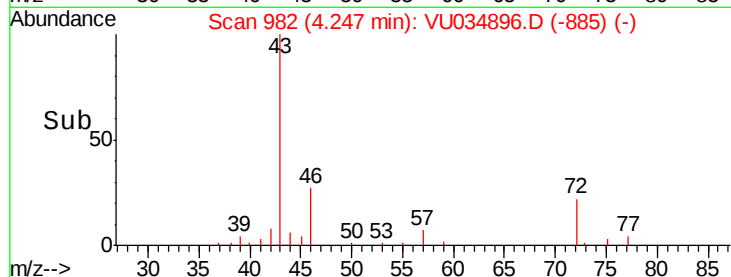


Abundance Ion 43.00 (42.70 to 43.70): VU034896.D (-982) (-)

Ion 72.00 (71.70 to 72.70): VU034896.D (-982) (-)



Time-->



#44

trans-1,3-Dichloropropene

Concen: 1.005 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU034896.D

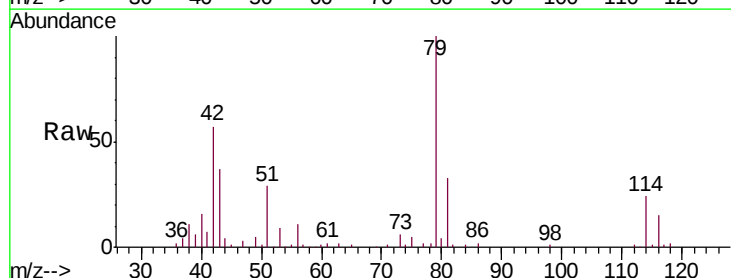
Acq: 01 Oct 2019 18:33

Tgt Ion: 75 Resp: 3124

Ion Ratio Lower Upper

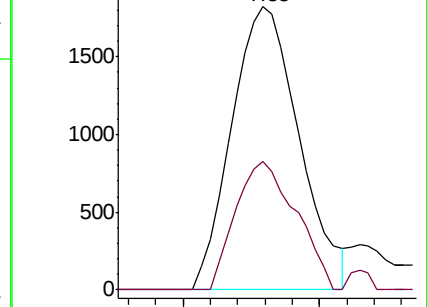
75 100

77 45.4 21.0 39.0#

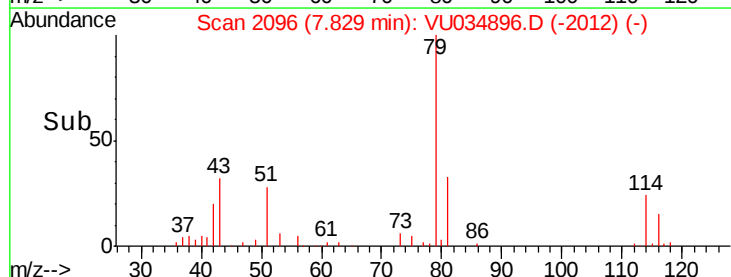


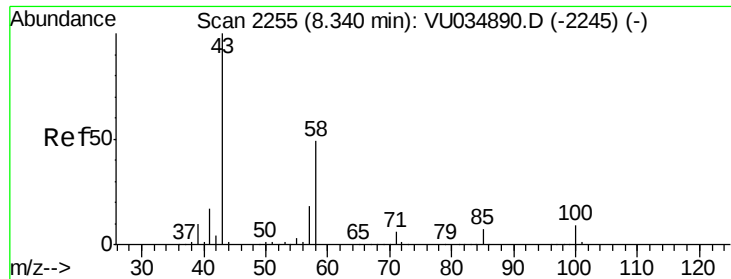
Abundance Ion 75.00 (74.70 to 75.70): VU034896.D (-2096) (-)

Ion 77.00 (76.70 to 77.70): VU034896.D (-2096) (-)



Time-->

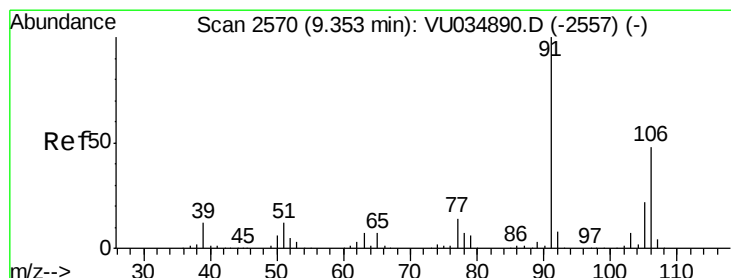
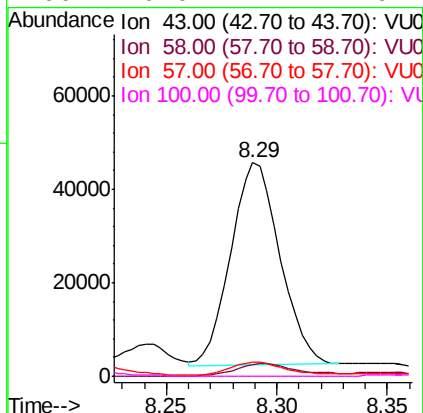
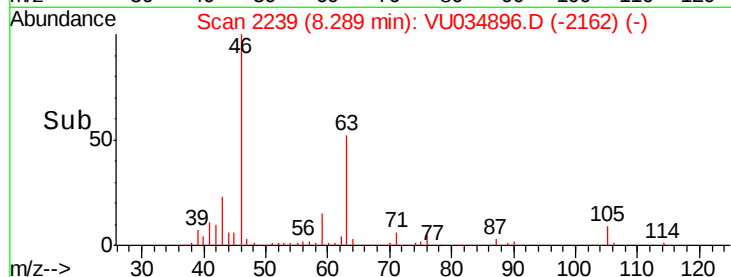
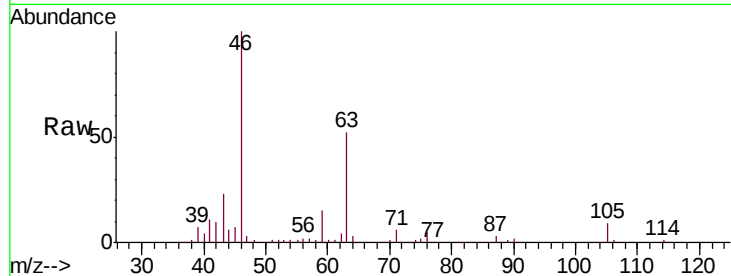




#48
2-Hexanone
Concen: 18.105 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.05 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

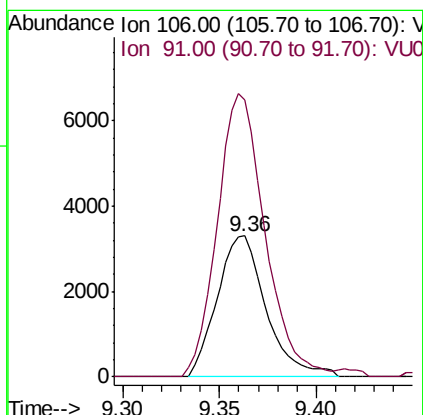
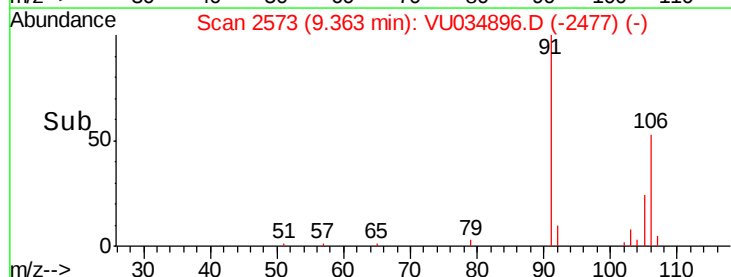
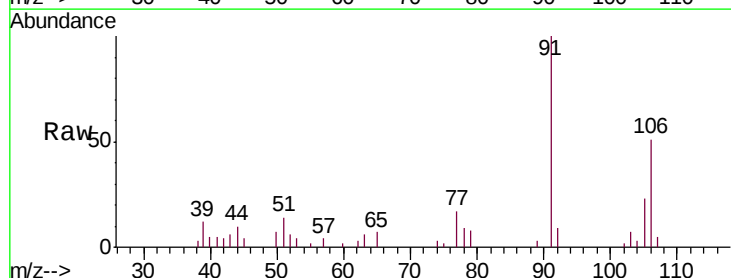
Instrument :
MSVOA_U
ClientSampleId :
BFDK5

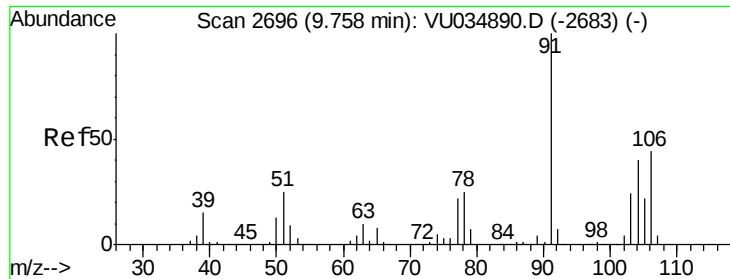
Tgt Ion: 43 Resp: 67397
Ion Ratio Lower Upper
43 100
58 8.1 37.8 56.8#
57 6.6 13.4 20.0#
100 0.0 7.1 10.7#



#53
m,p-Xylene
Concen: 1.840 ug/L
RT: 9.36 min Scan# 2573
Delta R.T. 0.01 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

Tgt Ion: 106 Resp: 5808
Ion Ratio Lower Upper
106 100
91 196.5 150.1 278.9

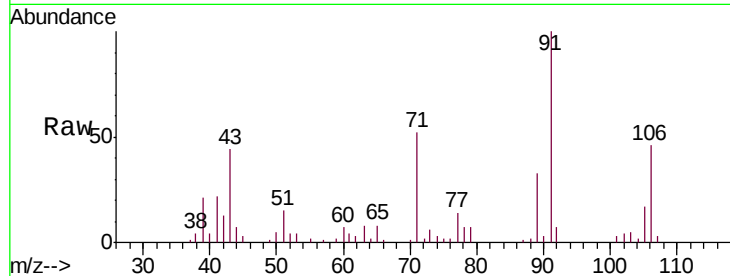




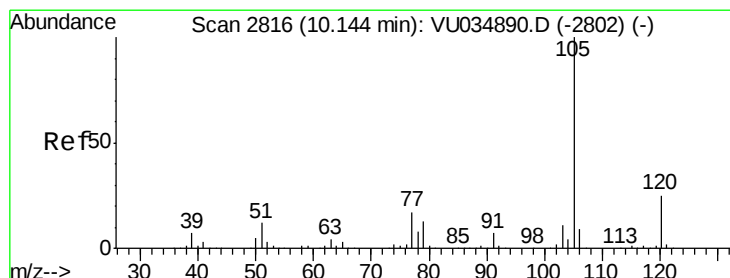
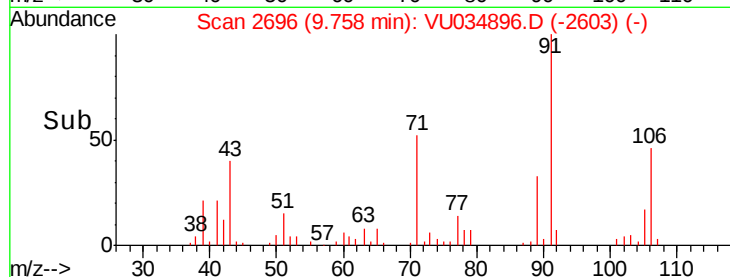
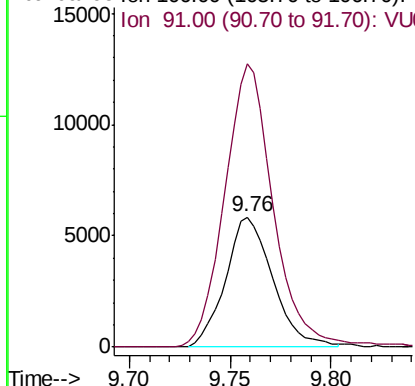
#54
o-xylene
Concen: 2.880 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :
BFDK5

Tgt Ion:106 Resp: 9589
Ion Ratio Lower Upper
106 100
91 217.2 157.8 293.0

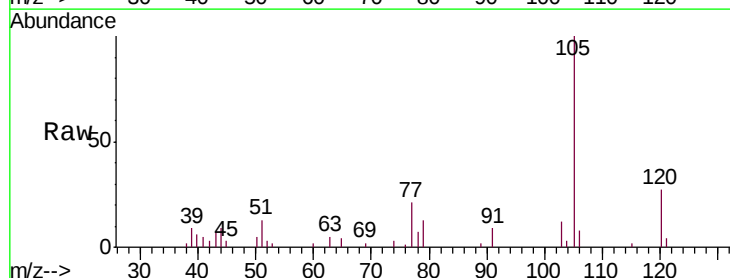


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

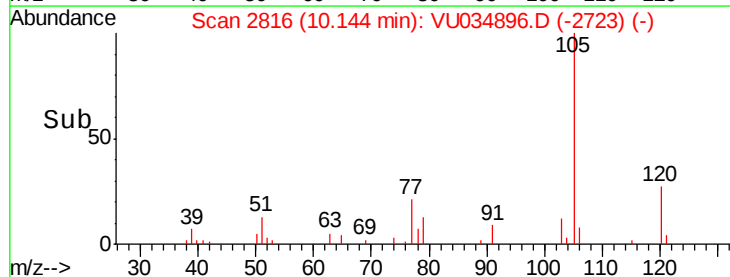
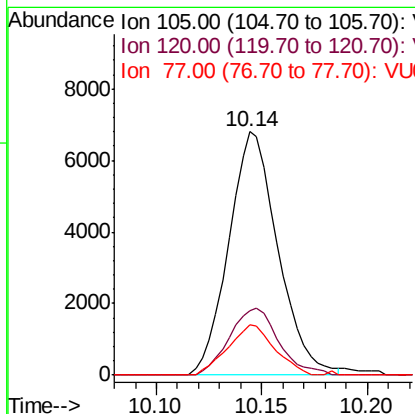


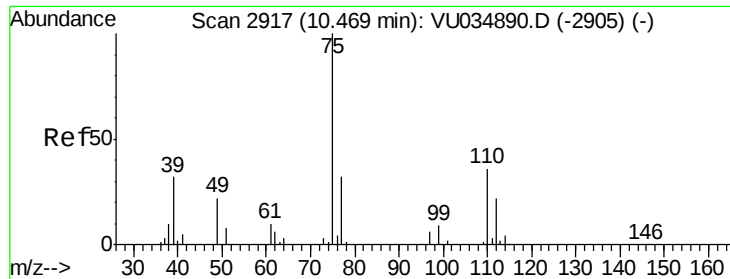
#56
Isopropylbenzene
Concen: 1.181 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. 0.00 min
Lab File: VU034896.D
Acq: 01 Oct 2019 18:33

Tgt Ion:105 Resp: 10983
Ion Ratio Lower Upper
105 100
120 27.5 20.2 30.4
77 19.6 13.7 20.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VU0

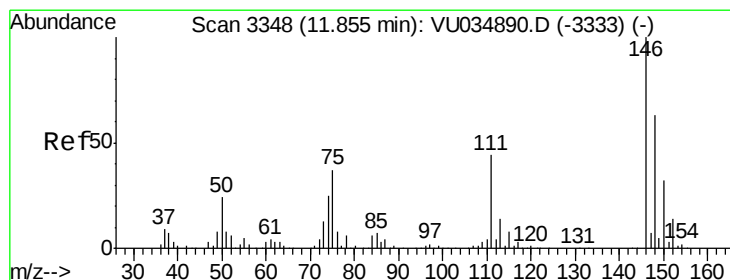
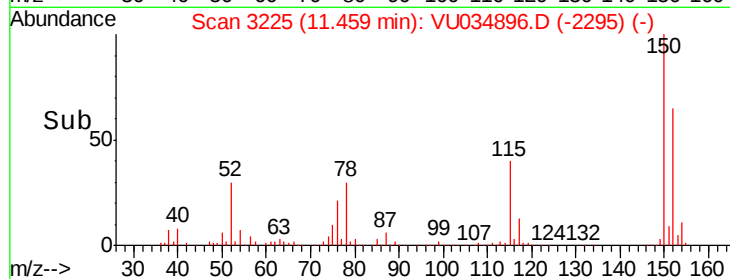
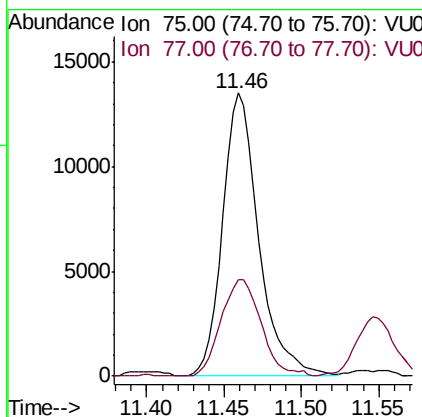
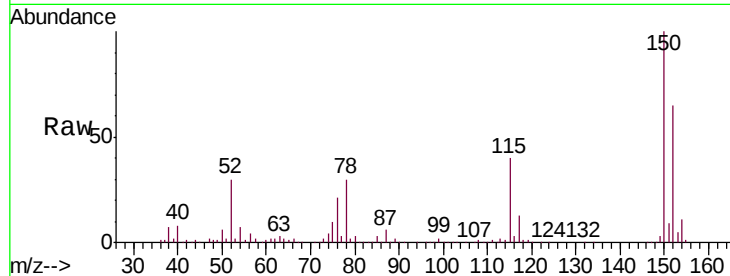




#59
 1,2,3-Trichloropropane
 Concen: 6.002 ug/L
 RT: 11.46 min Scan# 3225
 Delta R.T. 0.99 min
 Lab File: VU034896.D
 Acq: 01 Oct 2019 18:33

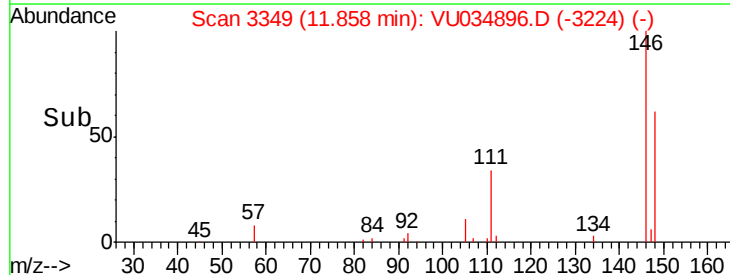
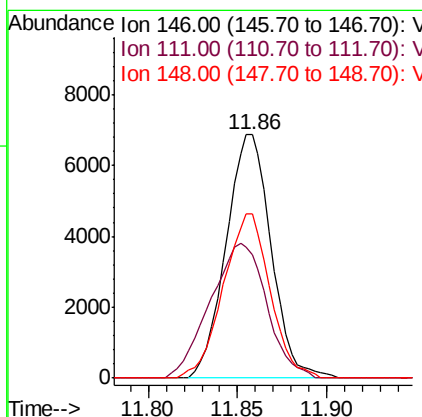
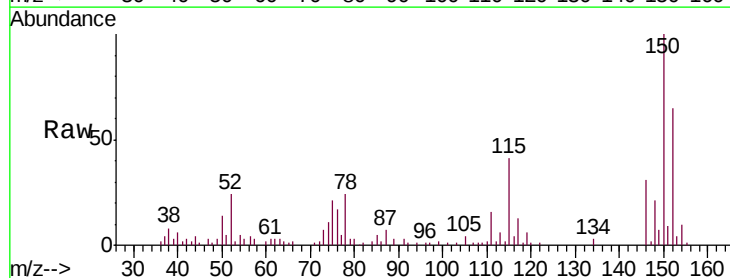
Instrument :
 MSVOA_U
 ClientSampleID :
 BFDK5

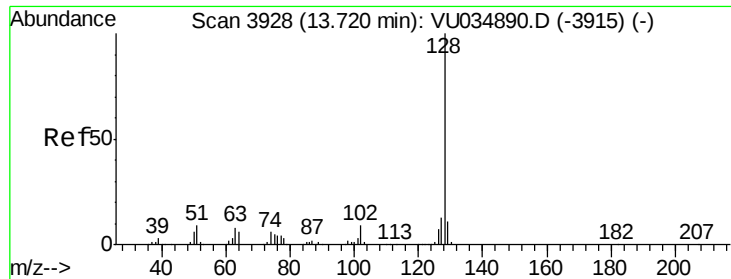
Tgt Ion: 75 Resp: 21882
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.9 38.9



#65
 1,2-Dichlorobenzene
 Concen: 2.916 ug/L
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU034896.D
 Acq: 01 Oct 2019 18:33

Tgt Ion: 146 Resp: 12105
 Ion Ratio Lower Upper
 146 100
 111 50.6 34.9 52.3
 148 67.3 50.0 75.0





#69

Naphthalene

Concen: 30.286 ug/L

RT: 13.72 min Scan# 3929

Delta R.T. 0.00 min

Lab File: VU034896.D

Acq: 01 Oct 2019 18:33

Instrument :

MSVOA_U

ClientSampleId :

BFDK5

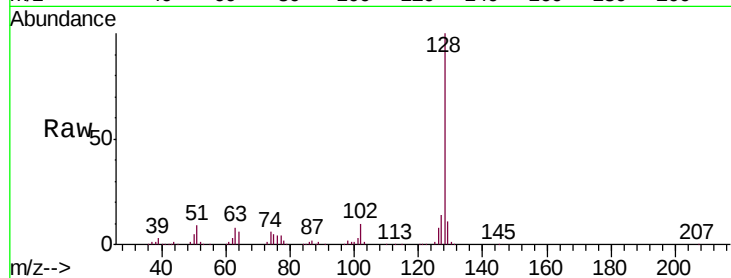
Tgt Ion:128 Resp: 209515

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

