

Data File : VU032095.D
Acq On : 17 May 2019 11:09
Operator : JC/SP
Sample : K2859-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W45

Quant Time: May 18 01:55:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	380421	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	393617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	152823	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	134661	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.68	69	118276	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.27	63	195774	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.19	46	256147	40.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.44%
24) Chloroform-d	4.64	84	248043	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	124731	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.33	84	521054	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.32	67	148876	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.80%
41) Toluene-d8	7.56	98	429821	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.85	79	46948	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.31	63	217852	38.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121363	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	153535	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

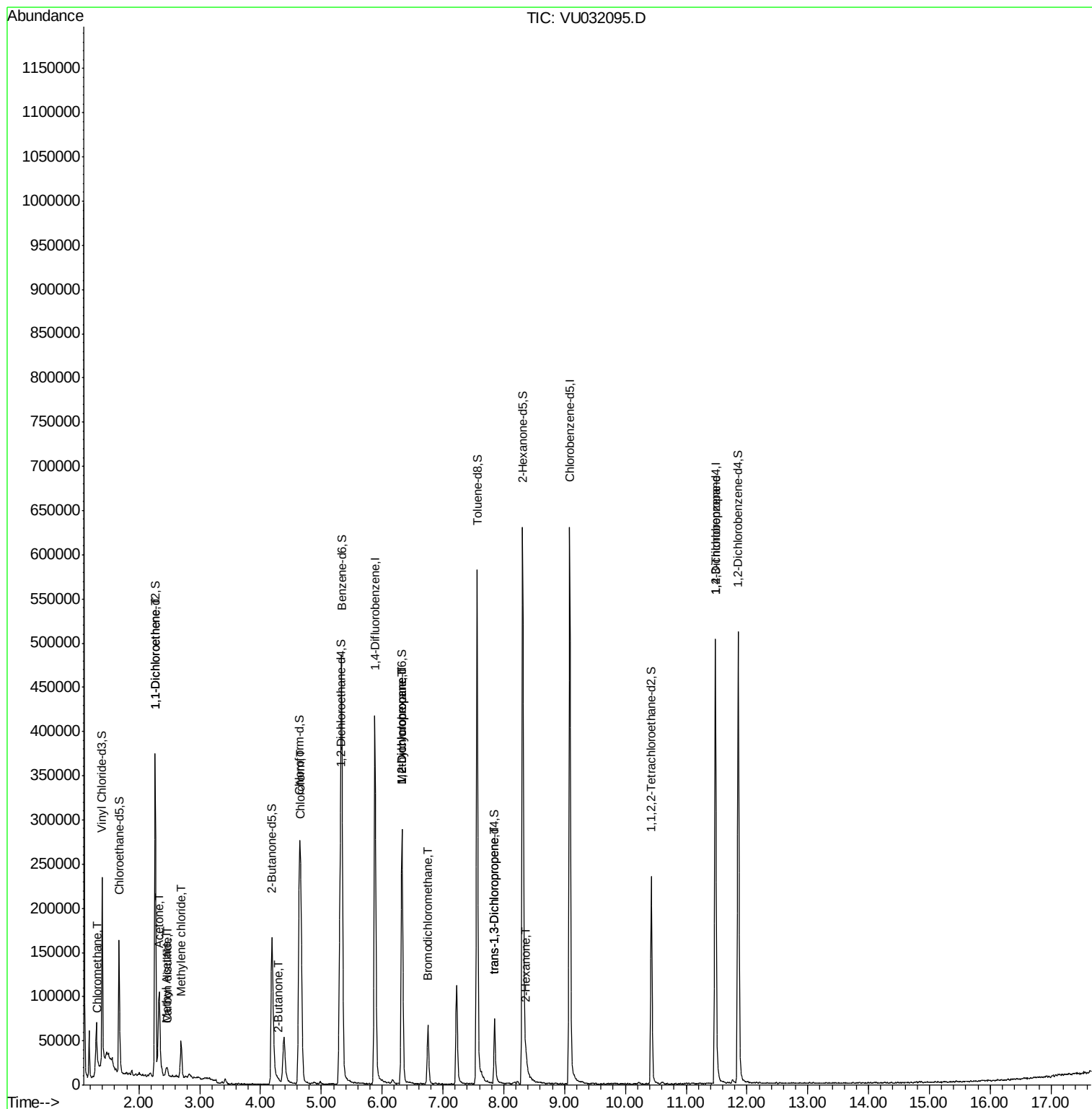
					Qvalue
3) Chloromethane	1.32	50	4477	0.245 ug/L	93
12) 1,1-Dichloroethene	2.27	96	1830	0.120 ug/L #	1
13) Acetone	2.32	43	52329	25.337 ug/L	100
14) Carbon disulfide	2.47	76	8367	0.172 ug/L	98
15) Methyl Acetate	2.45	43	1601	0.270 ug/L #	47
16) Methylene chloride	2.69	84	21877	1.200 ug/L	93
21) 2-Butanone	4.30	43	4180	1.410 ug/L #	61
25) Chloroform	4.67	83	149888	5.403 ug/L	99
35) Methylcyclohexane	6.33	83	36068	1.528 ug/L #	20
37) 1,2-Dichloropropane	6.33	63	15285	1.034 ug/L #	87
38) Bromodichloromethane	6.75	83	45935	2.430 ug/L #	97
44) trans-1,3-Dichloropropene	7.85	75	1505	0.095 ug/L	92
48) 2-Hexanone	8.37	43	7744	1.457 ug/L #	88
59) 1,2,3-Trichloropropane	11.48	75	15673	1.670 ug/L	93

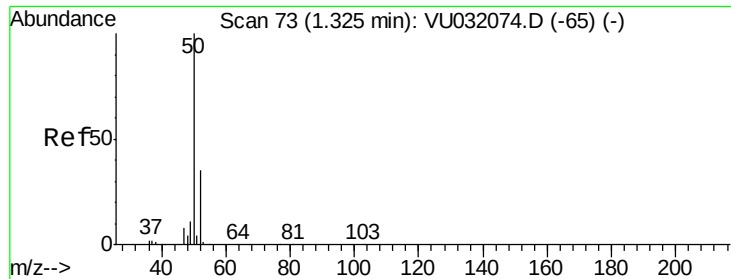
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032095.D
Acq On : 17 May 2019 11:09
Operator : JC/SP
Sample : K2859-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W45

Quant Time: May 18 01:55:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 01:51:41 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.245 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032095.D

Acq: 17 May 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

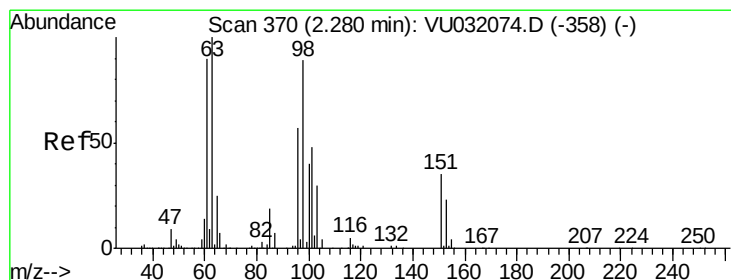
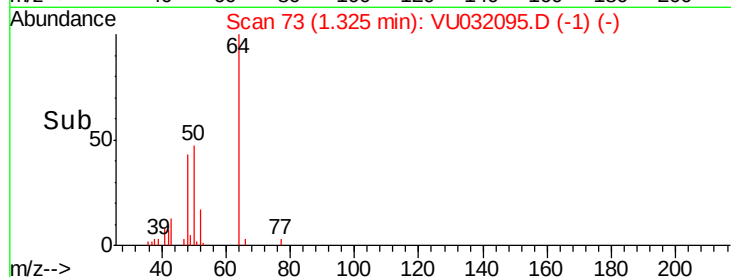
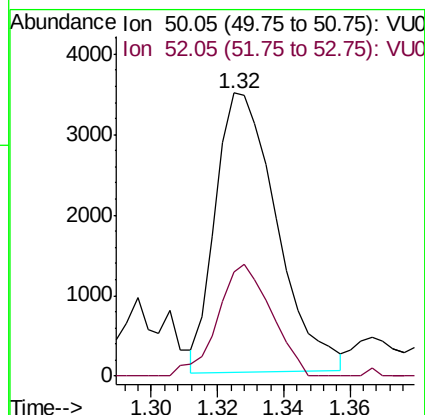
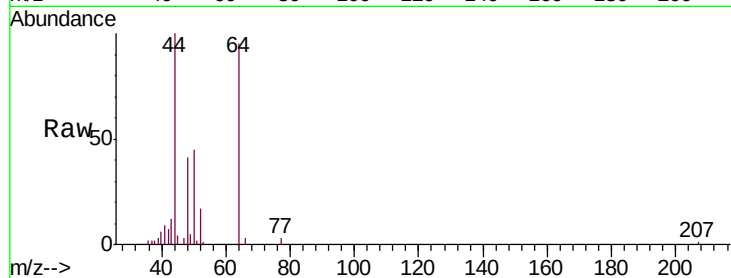
F9W45

Tgt Ion: 50 Resp: 4477

Ion Ratio Lower Upper

50 100

52 36.9 23.2 43.0



#12

1,1-Dichloroethene

Concen: 0.120 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032095.D

Acq: 17 May 2019 11:09

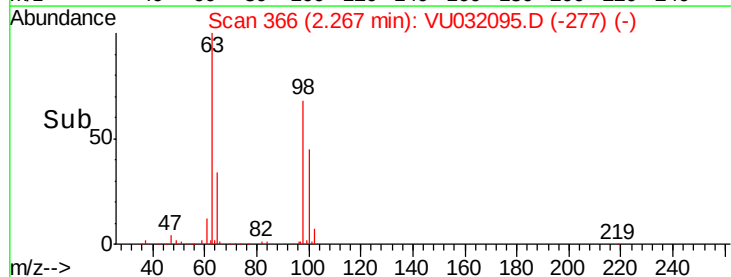
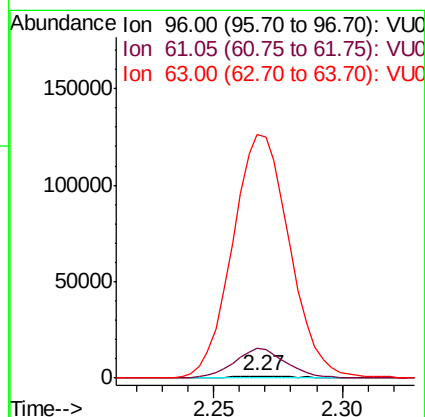
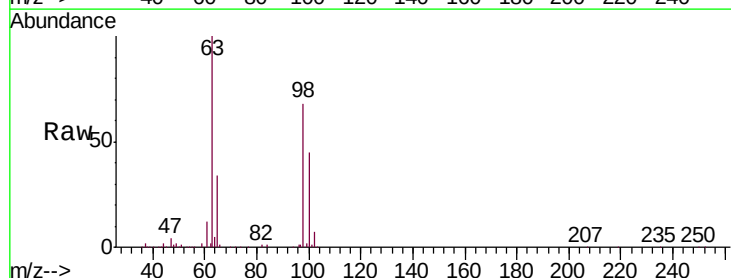
Tgt Ion: 96 Resp: 1830

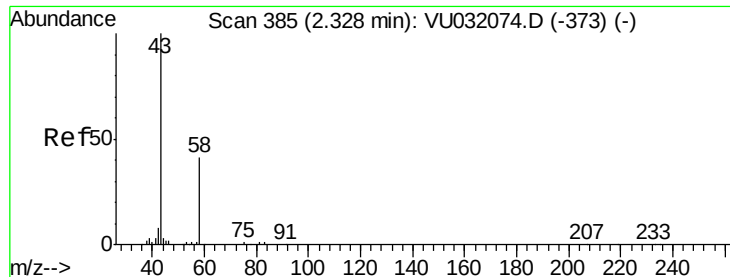
Ion Ratio Lower Upper

96 100

61 1322.9 111.7 207.5#

63 11012.9 152.2 282.6#





#13

Acetone

Concen: 25.337 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.01 min

Lab File: VU032095.D

Acq: 17 May 2019 11:09

Instrument :

MSVOA_U

ClientSampleId :

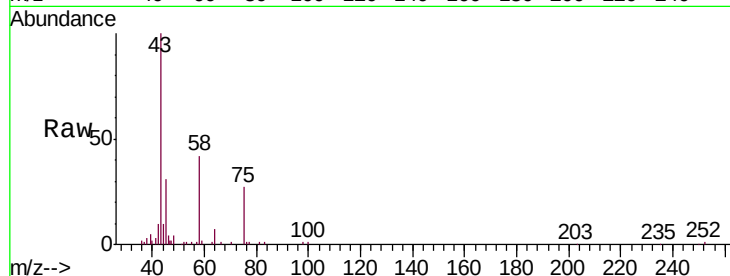
F9W45

Tgt Ion: 43 Resp: 52329

Ion Ratio Lower Upper

43 100

58 39.2 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-373) (-)

Ion 58.05 (57.75 to 58.75): VU032074.D (-373) (-)

2.32

30000

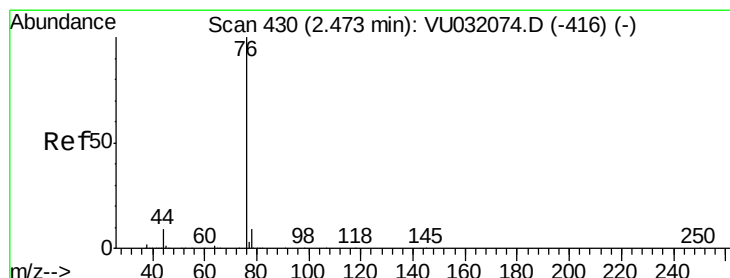
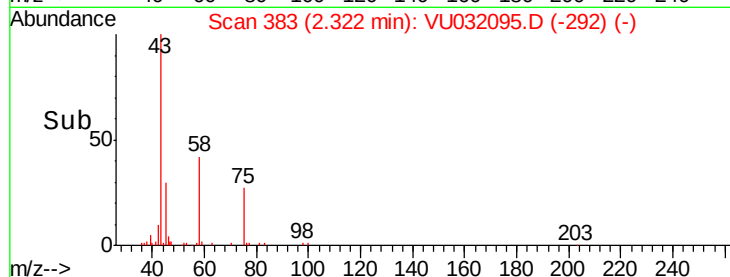
20000

10000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon disulfide

Concen: 0.172 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU032095.D

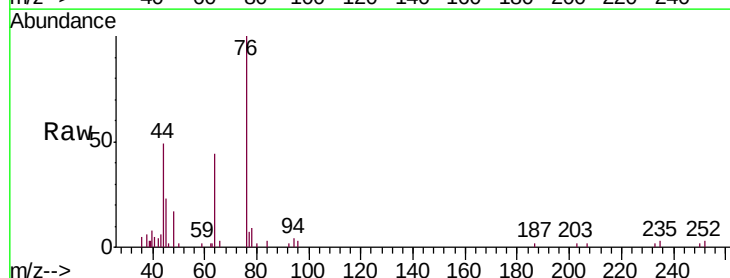
Acq: 17 May 2019 11:09

Tgt Ion: 76 Resp: 8367

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.6



Abundance Ion 76.05 (75.75 to 76.75): VU032074.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU032074.D (-416) (-)

2.47

6000

5000

4000

3000

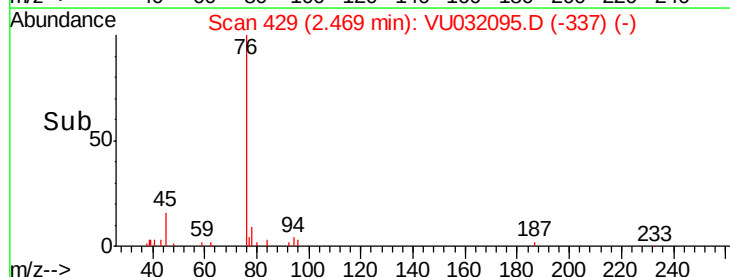
2000

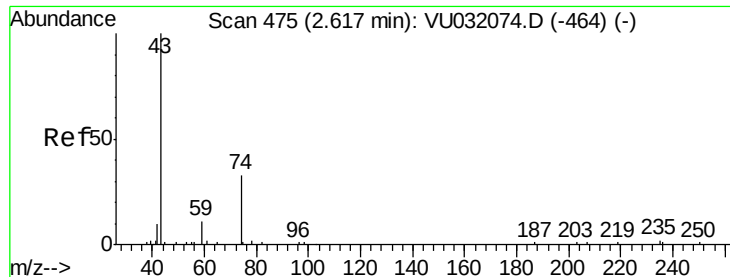
1000

0

Time-->

2.45 2.50

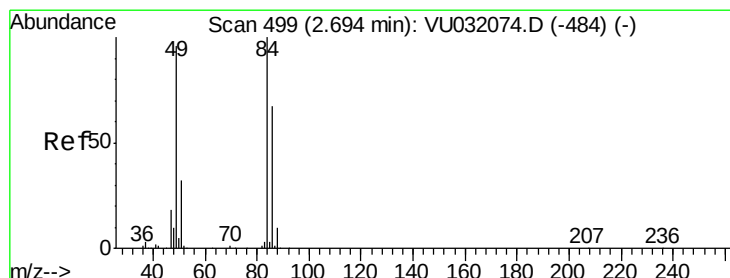
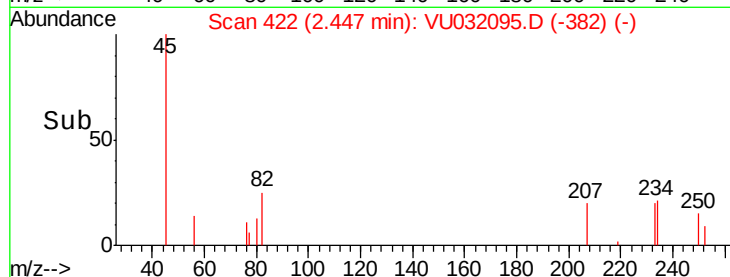
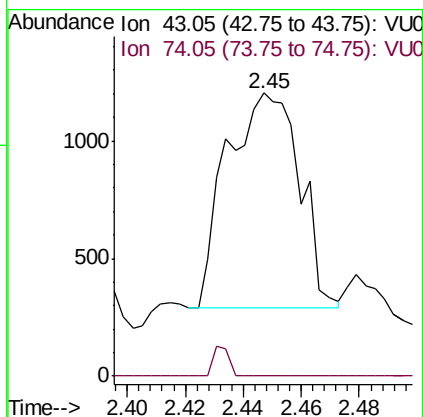
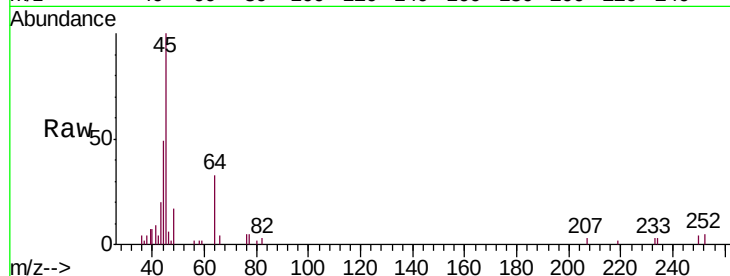




#15
Methyl Acetate
Concen: 0.270 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.17 min
Lab File: VU032095.D
Acq: 17 May 2019 11:09

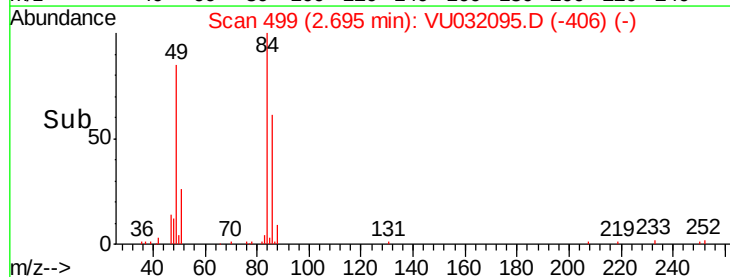
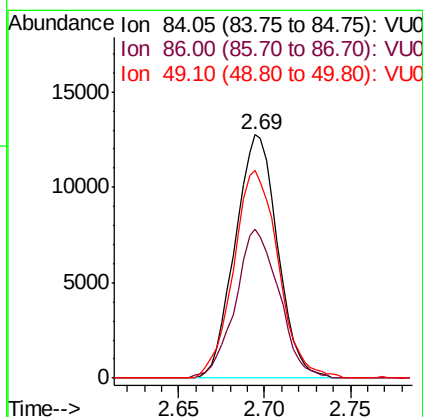
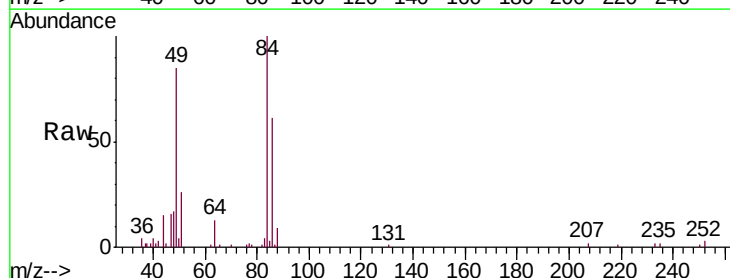
Instrument :
MSVOA_U
ClientSampleId :
F9W45

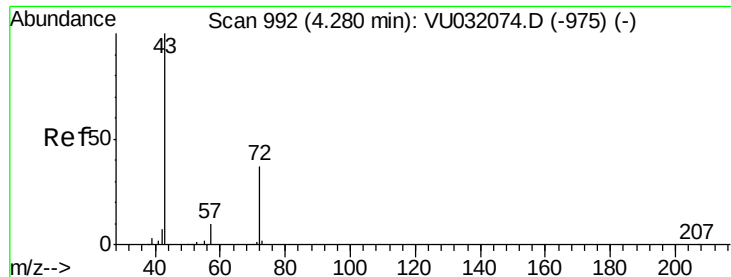
Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
74 2.9 26.4 39.6#



#16
Methylene chloride
Concen: 1.200 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032095.D
Acq: 17 May 2019 11:09

Tgt Ion: 84 Resp: 21877
Ion Ratio Lower Upper
84 100
86 61.2 43.1 80.1
49 85.5 67.7 125.7





#21

2-Butanone

Concen: 1.410 ug/L

RT: 4.30 min Scan# 997

Delta R.T. 0.02 min

Lab File: VU032095.D

Acq: 17 May 2019 11:09

Instrument :

MSVOA_U

ClientSampled :

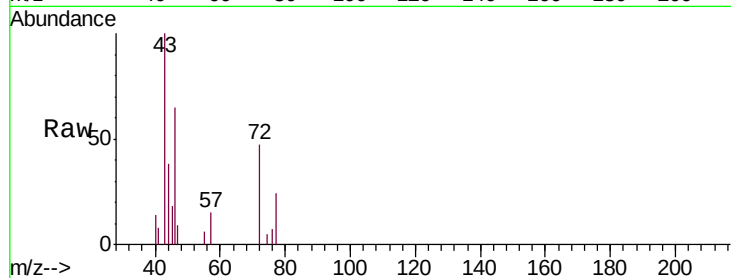
F9W45

Tgt Ion: 43 Resp: 4180

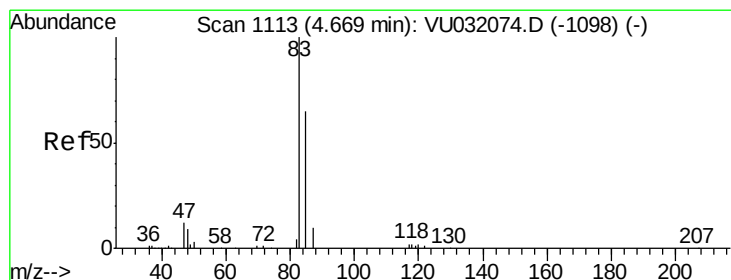
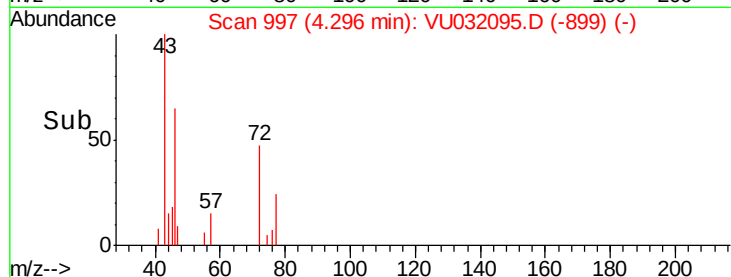
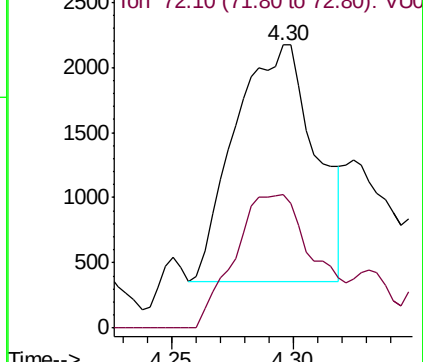
Ion Ratio Lower Upper

43 100

72 55.9 16.8 50.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032074.D (-975) (-)



#25

Chloroform

Concen: 5.403 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU032095.D

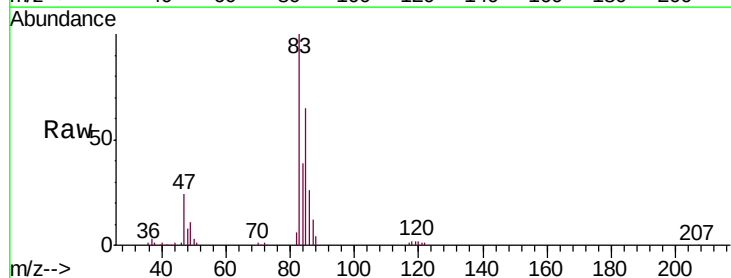
Acq: 17 May 2019 11:09

Tgt Ion: 83 Resp: 149888

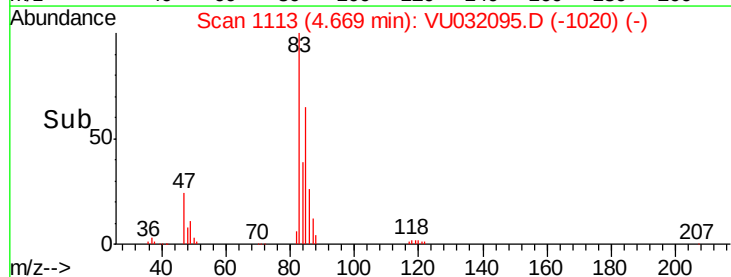
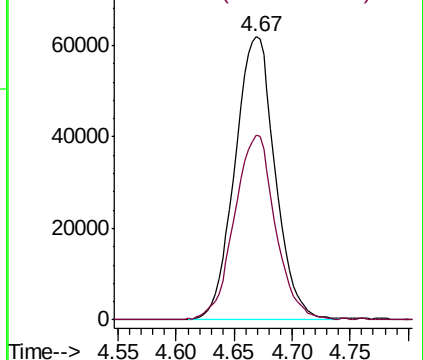
Ion Ratio Lower Upper

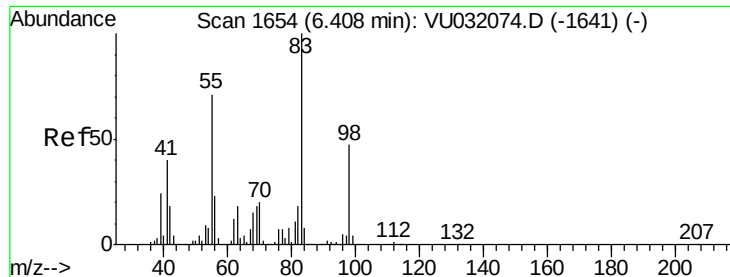
83 100

85 65.1 44.9 83.3



Abundance Ion 83.05 (82.75 to 83.75): VU032074.D (-1098) (-)

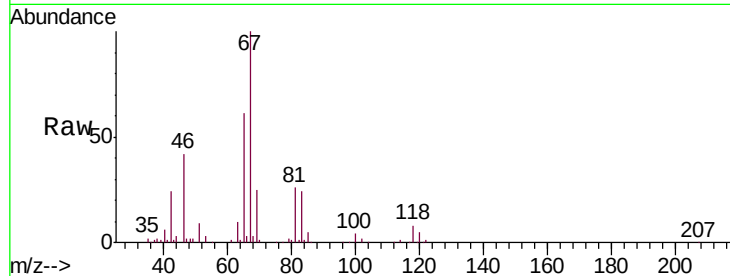




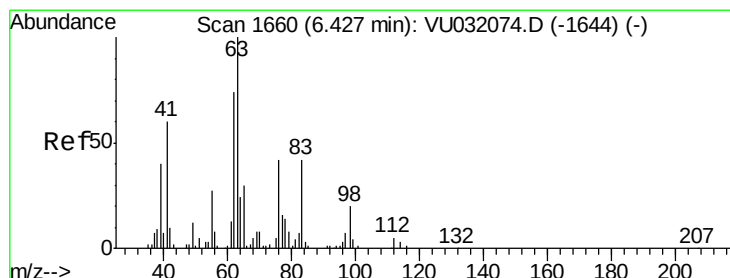
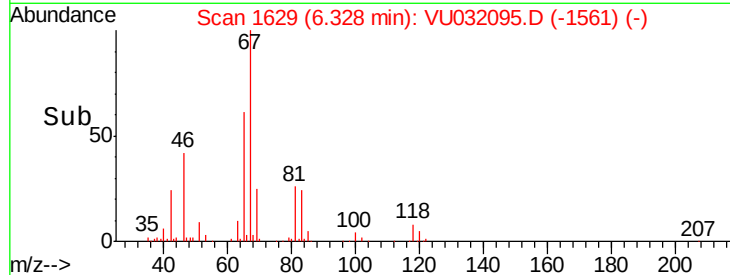
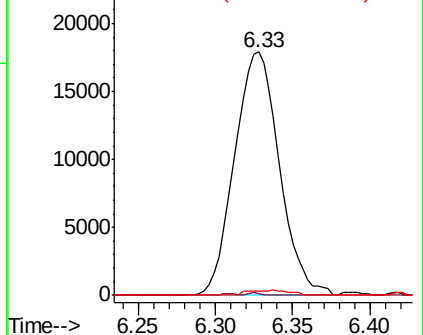
#35
Methylcyclohexane
Concen: 1.528 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032095.D
Acq: 17 May 2019 11:09

Instrument :
MSVOA_U
ClientSampleId :
F9W45

Tgt Ion: 83 Resp: 36068
Ion Ratio Lower Upper
83 100
55 0.3 59.7 89.5#
98 0.6 36.8 55.2#

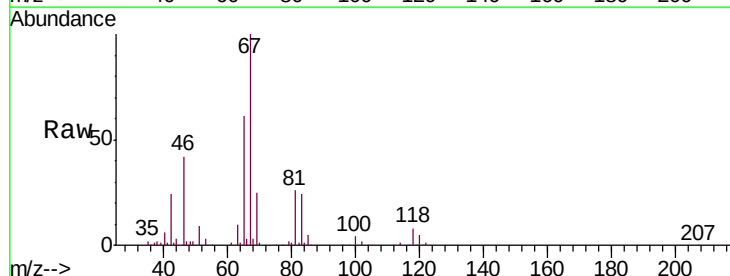


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

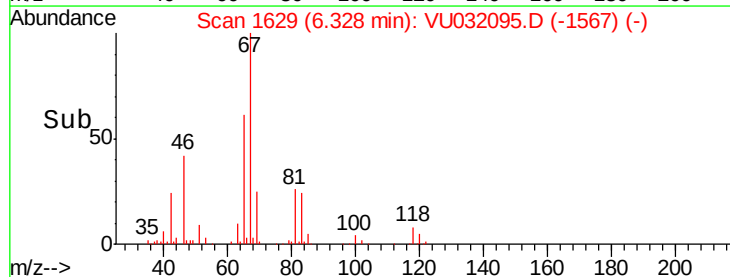
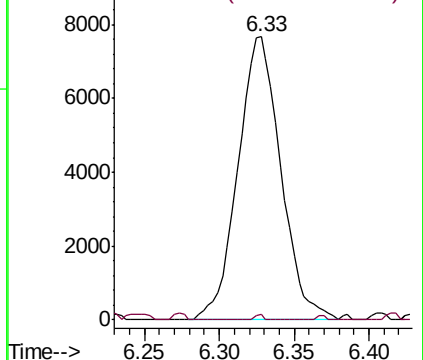


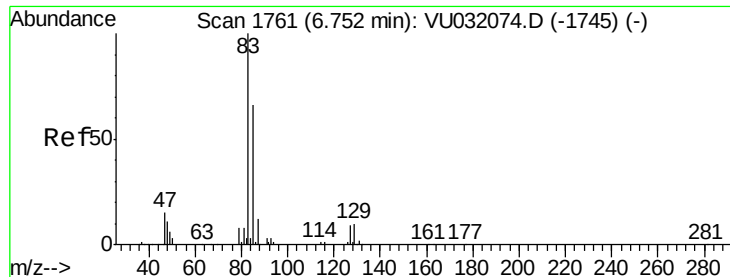
#37
1,2-Dichloropropane
Concen: 1.034 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032095.D
Acq: 17 May 2019 11:09

Tgt Ion: 63 Resp: 15285
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

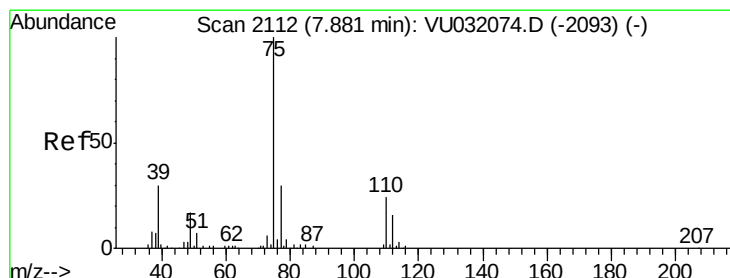
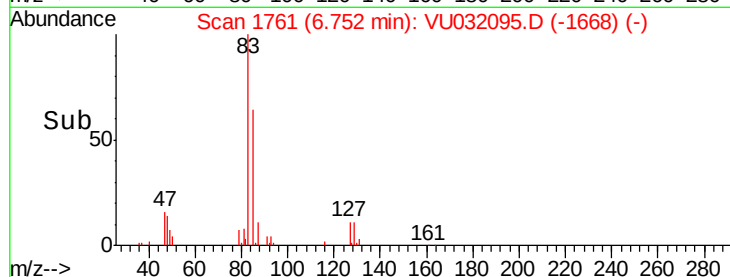
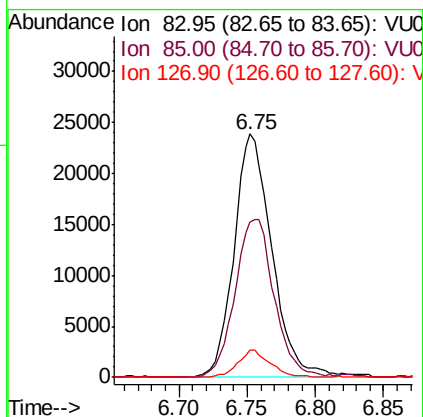
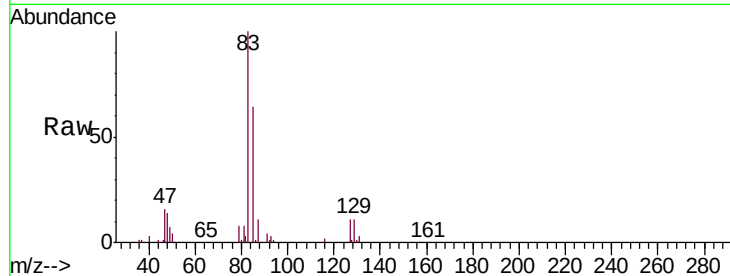




#38
 Bromodichloromethane
 Concen: 2.430 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: VU032095.D
 Acq: 17 May 2019 11:09

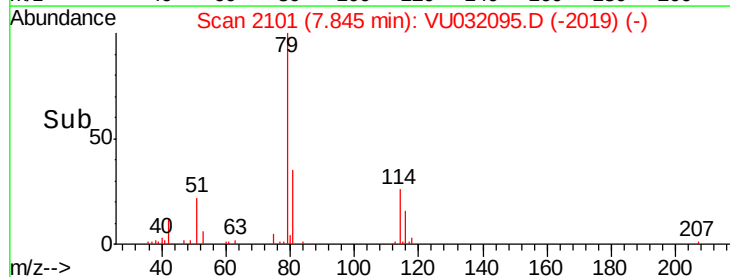
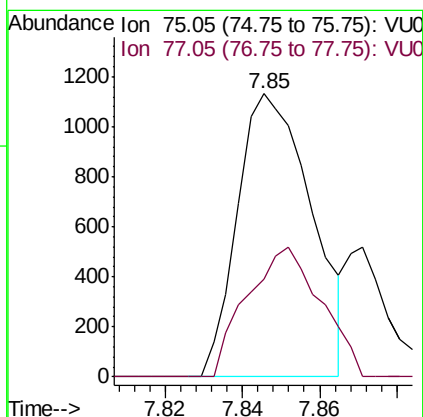
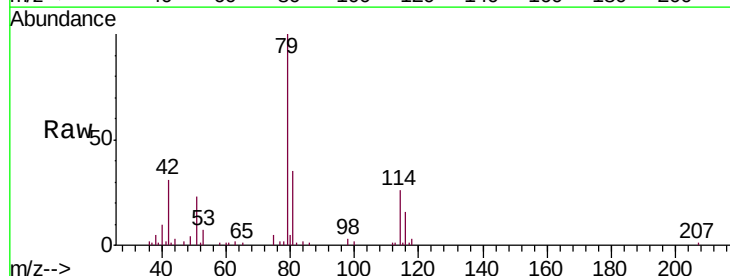
Instrument :
 MSVOA_U
 ClientSampleId :
 F9W45

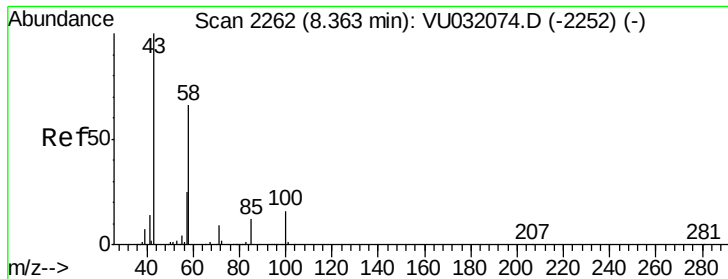
Tgt Ion: 83 Resp: 45935
 Ion Ratio Lower Upper
 83 100
 85 63.6 45.5 84.5
 127 11.0 6.3 9.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.04 min
 Lab File: VU032095.D
 Acq: 17 May 2019 11:09

Tgt Ion: 75 Resp: 1505
 Ion Ratio Lower Upper
 75 100
 77 34.4 21.0 39.0

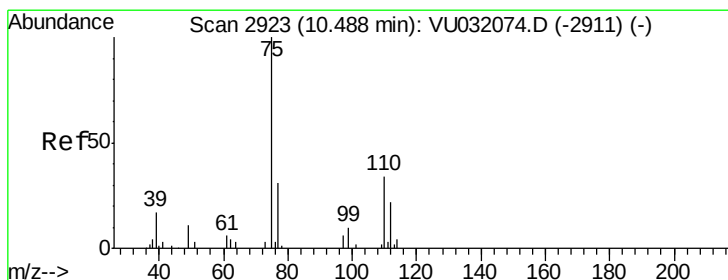
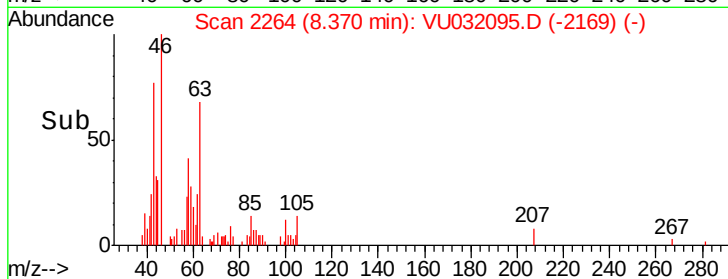
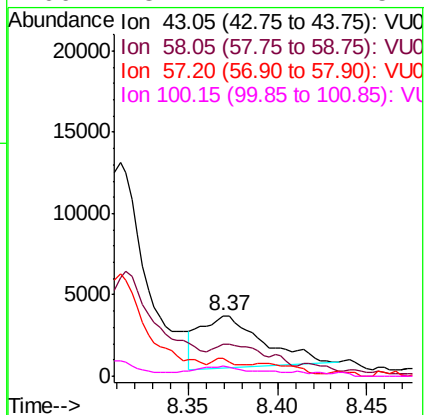
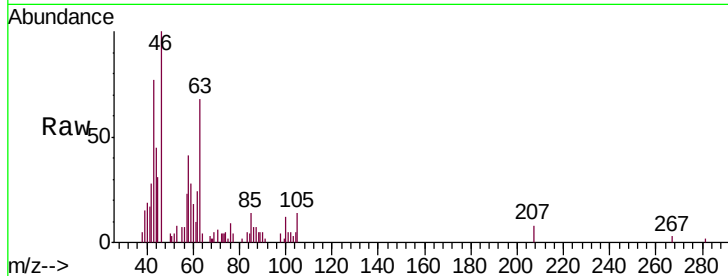




#48
 2-Hexanone
 Concen: 1.457 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032095.D
 Acq: 17 May 2019 11:09

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W45

Tgt Ion: 43 Resp: 7744
 Ion Ratio Lower Upper
 43 100
 58 55.5 51.6 77.4
 57 17.3 18.4 27.6#
 100 8.4 12.2 18.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.670 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032095.D
 Acq: 17 May 2019 11:09

Tgt Ion: 75 Resp: 15673
 Ion Ratio Lower Upper
 75 100
 77 36.5 26.2 39.2

