

Data File : VU032102.D
Acq On : 17 May 2019 15:42
Operator : JC/SP
Sample : K2859-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W42

Quant Time: May 18 04:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	377912	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	388652	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155386	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	120744	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.68	69	108079	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.40%
11) 1,1-Dichloroethene-d2	2.27	63	172181	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.20	46	242617	38.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.64%
24) Chloroform-d	4.64	84	230844	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	114433	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.33	84	463720	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.33	67	135465	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.56	98	386001	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	46812	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.31	63	215140	38.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111795	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	148740	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

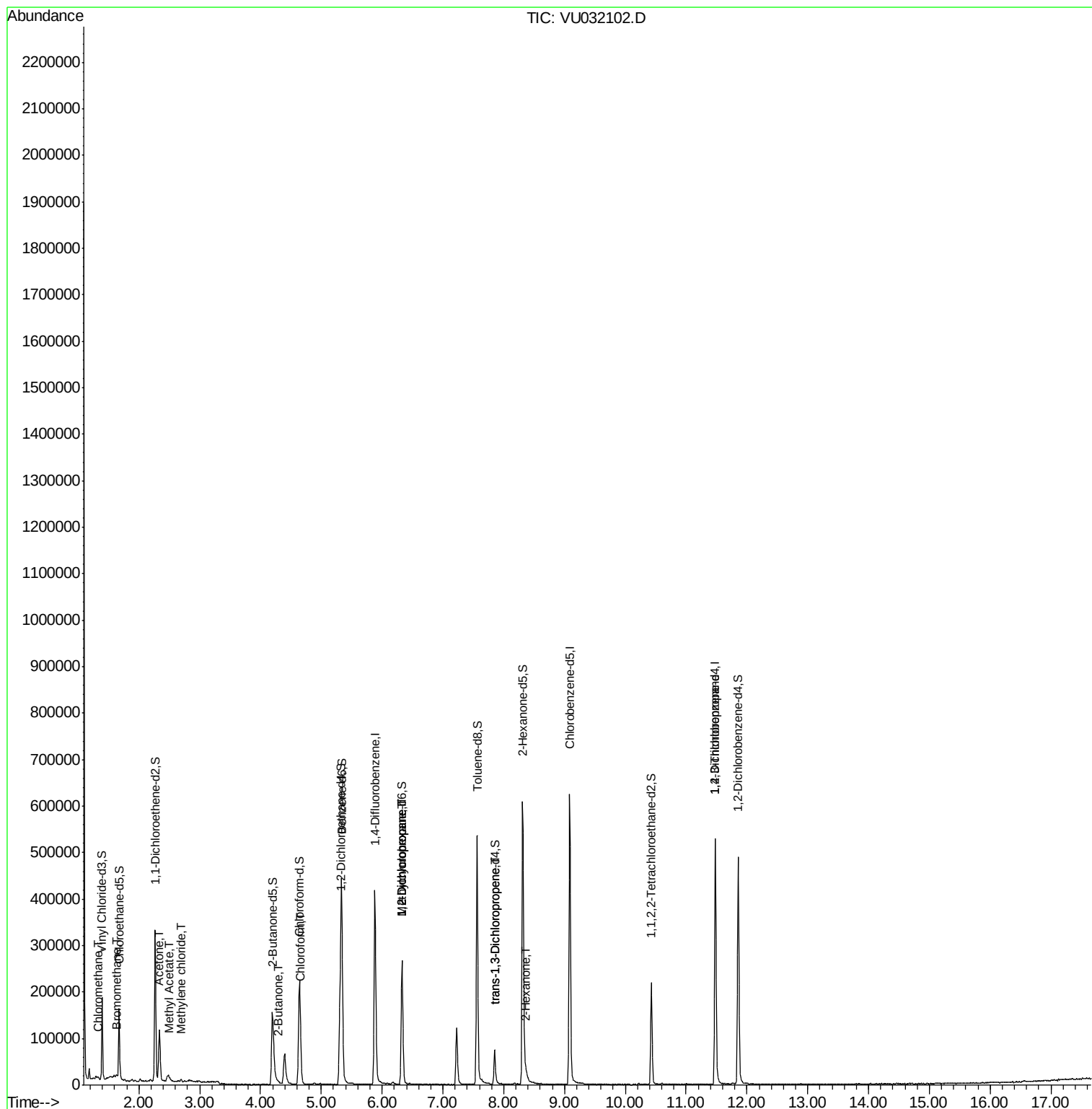
					Qvalue
3) Chloromethane	1.32	50	3381	0.186 ug/L #	67
6) Bromomethane	1.63	94	2171	0.198 ug/L	92
13) Acetone	2.33	43	48922	23.844 ug/L	99
15) Methyl Acetate	2.51	43	1328	0.226 ug/L #	48
16) Methylene chloride	2.69	84	2355	0.130 ug/L	97
21) 2-Butanone	4.30	43	2776	0.943 ug/L	72
25) Chloroform	4.67	83	7783	0.282 ug/L	78
35) Methylcyclohexane	6.33	83	32646	1.400 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	14733	1.010 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	2115	0.135 ug/L	94
48) 2-Hexanone	8.37	43	7130	1.359 ug/L #	75
59) 1,2,3-Trichloropropane	11.48	75	16993	1.834 ug/L	90

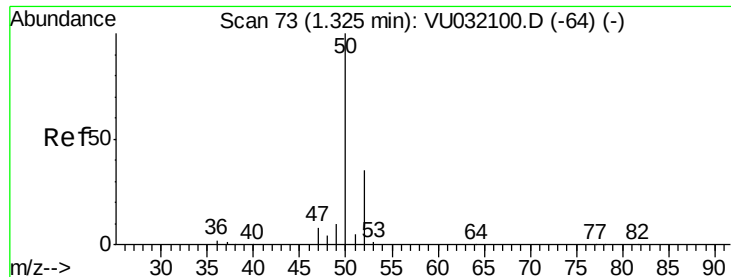
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032102.D
Acq On : 17 May 2019 15:42
Operator : JC/SP
Sample : K2859-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W42

Quant Time: May 18 04:12:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.186 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032102.D

Acq: 17 May 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

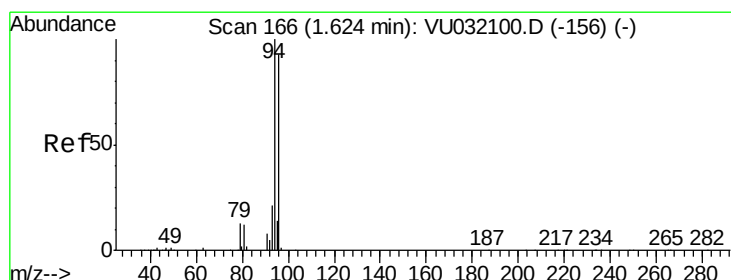
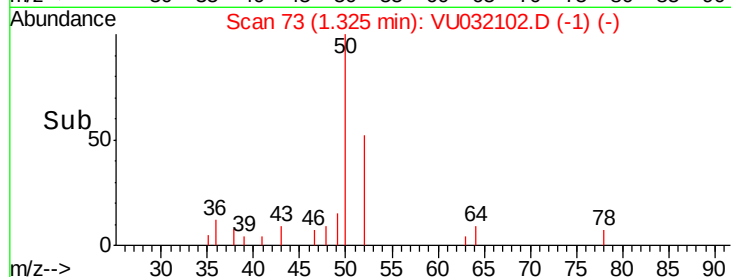
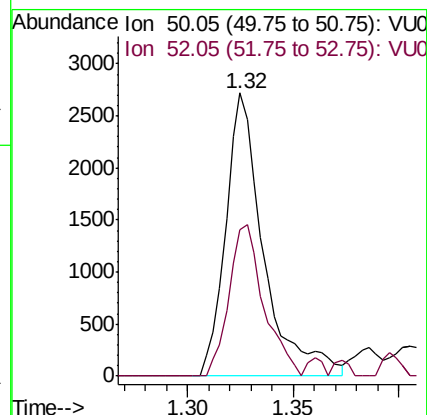
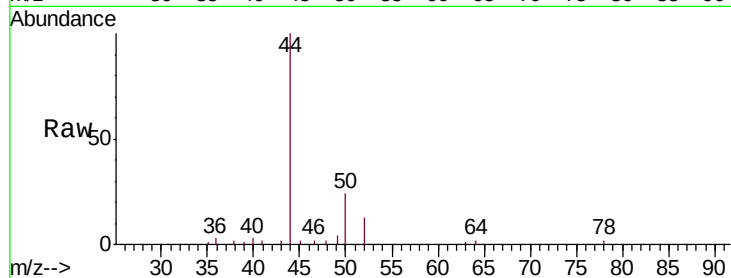
F9W42

Tgt Ion: 50 Resp: 3381

Ion Ratio Lower Upper

50 100

52 51.7 23.2 43.0#



#6

Bromomethane

Concen: 0.198 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU032102.D

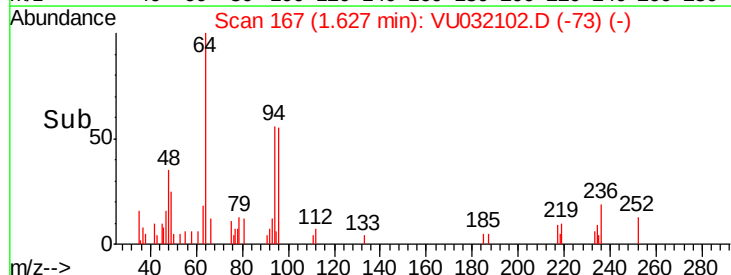
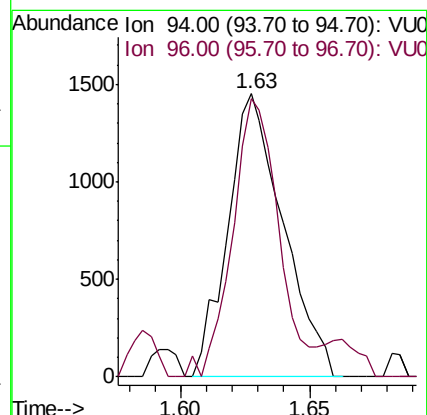
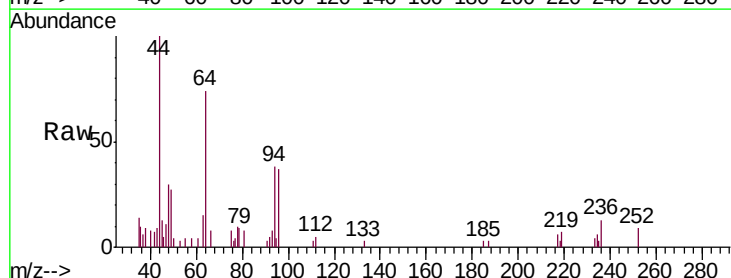
Acq: 17 May 2019 15:42

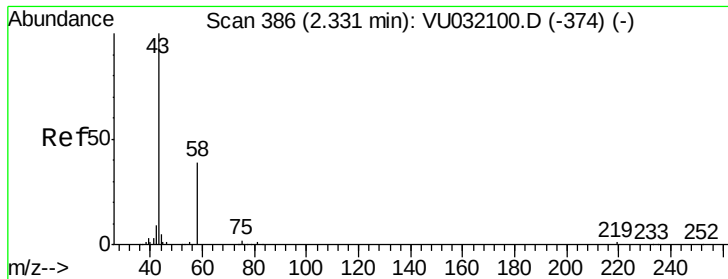
Tgt Ion: 94 Resp: 2171

Ion Ratio Lower Upper

94 100

96 98.4 63.3 117.7





#13

Acetone

Concen: 23.844 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU032102.D

Acq: 17 May 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

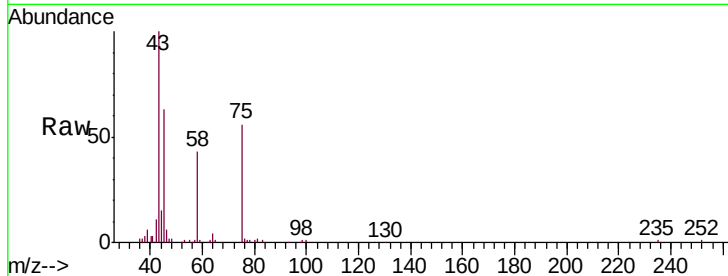
F9W42

Tgt Ion: 43 Resp: 48922

Ion Ratio Lower Upper

43 100

58 39.0 0.0 78.8

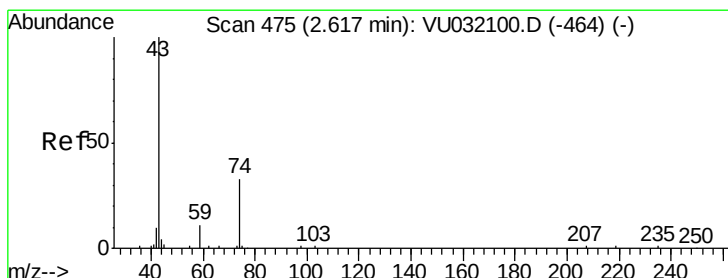
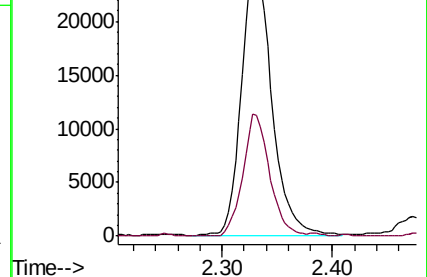
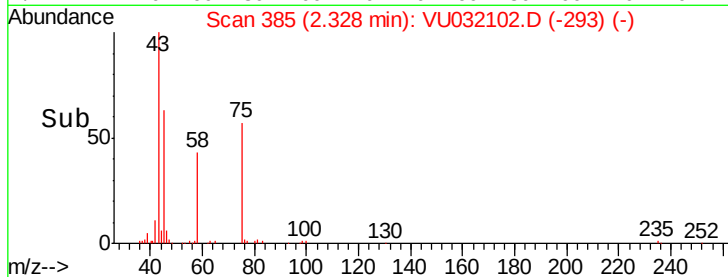


Abundance Ion 43.05 (42.75 to 43.75): VU032100.D (-374) (-)

Ion 58.05 (57.75 to 58.75): VU032100.D (-374) (-)

2.33

Time-->



#15

Methyl Acetate

Concen: 0.226 ug/L

RT: 2.51 min Scan# 441

Delta R.T. -0.11 min

Lab File: VU032102.D

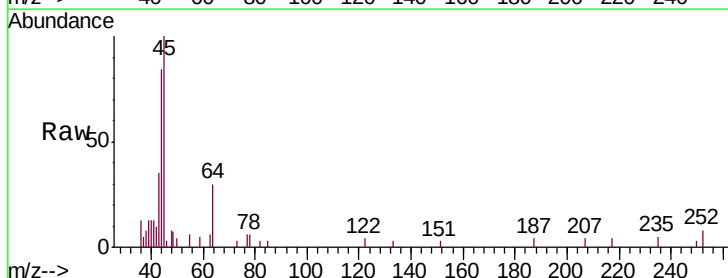
Acq: 17 May 2019 15:42

Tgt Ion: 43 Resp: 1328

Ion Ratio Lower Upper

43 100

74 3.4 26.4 39.6#

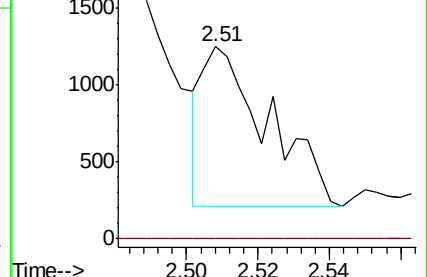
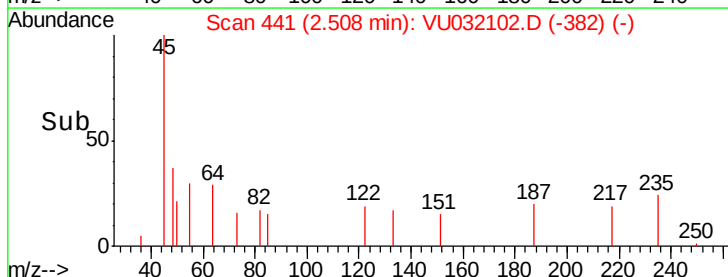


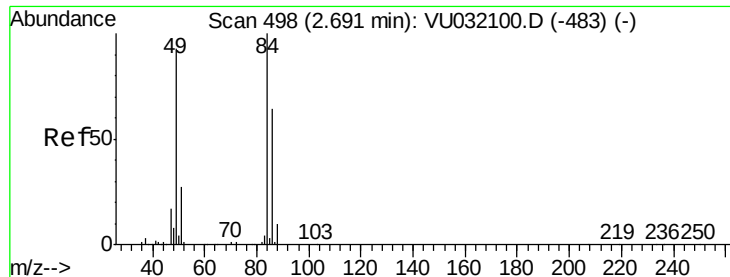
Abundance Ion 43.05 (42.75 to 43.75): VU032100.D (-464) (-)

Ion 74.05 (73.75 to 74.75): VU032100.D (-464) (-)

2.51

Time-->

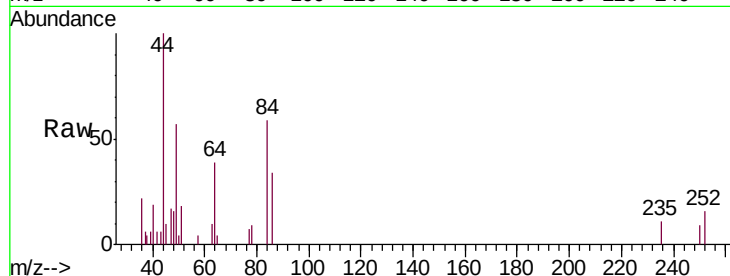




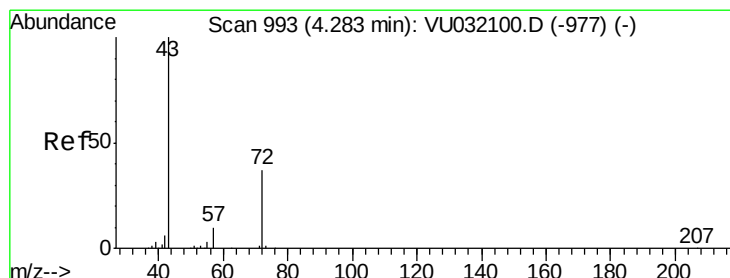
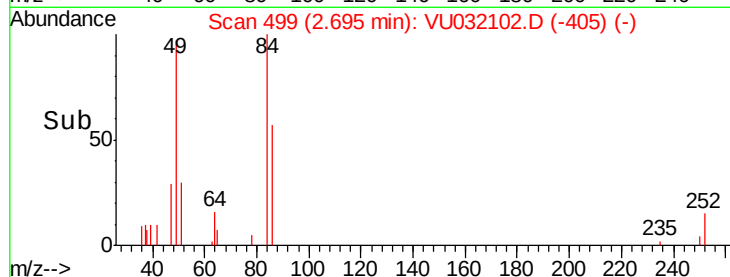
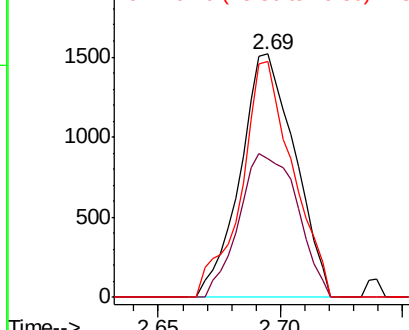
#16
Methylene chloride
Concen: 0.130 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032102.D
Acq: 17 May 2019 15:42

Instrument :
MSVOA_U
ClientSampleId :
F9W42

Tgt Ion: 84 Resp: 2355
Ion Ratio Lower Upper
84 100
86 57.1 43.1 80.1
49 97.2 67.7 125.7

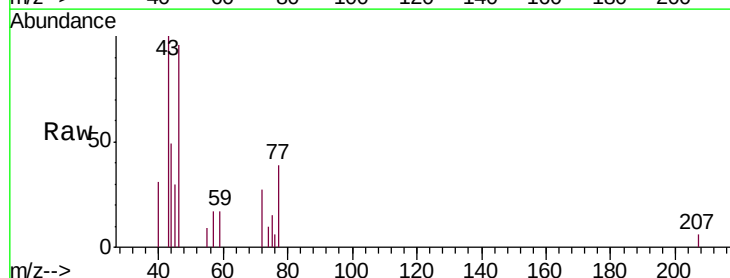


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

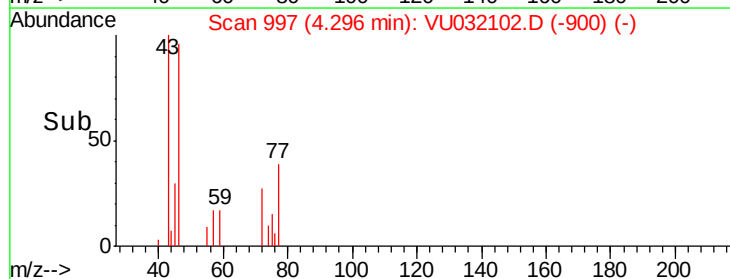
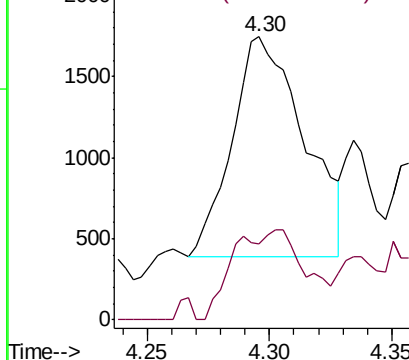


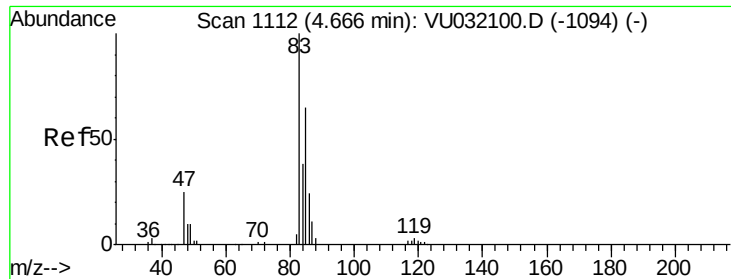
#21
2-Butanone
Concen: 0.943 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.01 min
Lab File: VU032102.D
Acq: 17 May 2019 15:42

Tgt Ion: 43 Resp: 2776
Ion Ratio Lower Upper
43 100
72 17.8 16.8 50.3



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

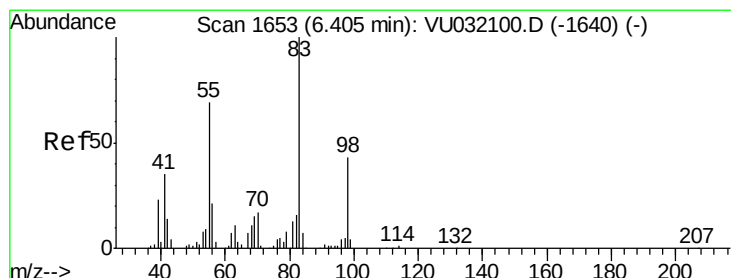
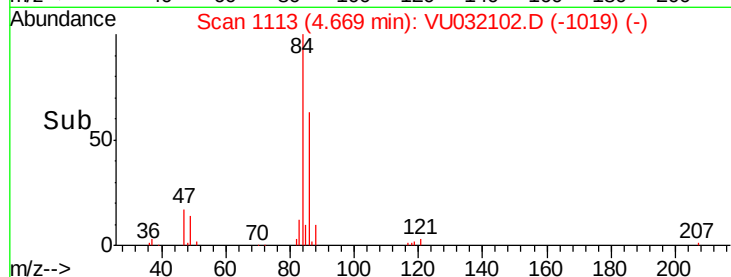
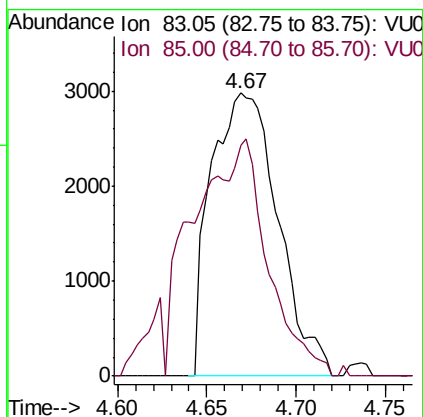
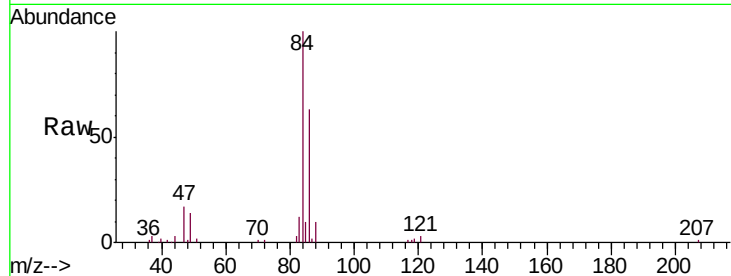




#25
Chloroform
Concen: 0.282 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032102.D
Acq: 17 May 2019 15:42

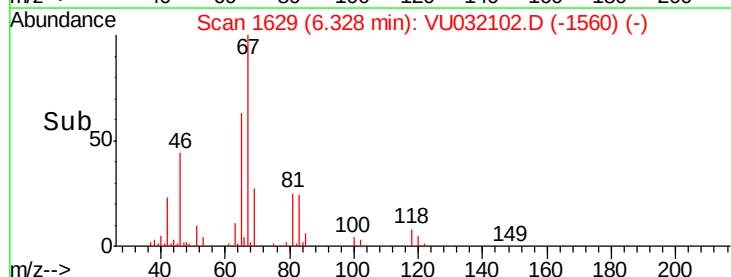
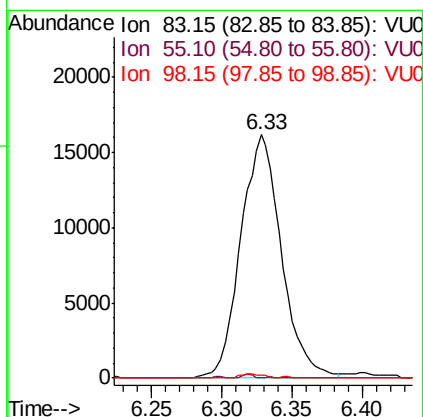
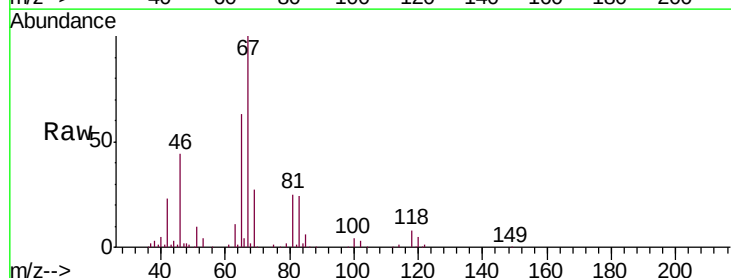
Instrument :
MSVOA_U
ClientSampleId :
F9W42

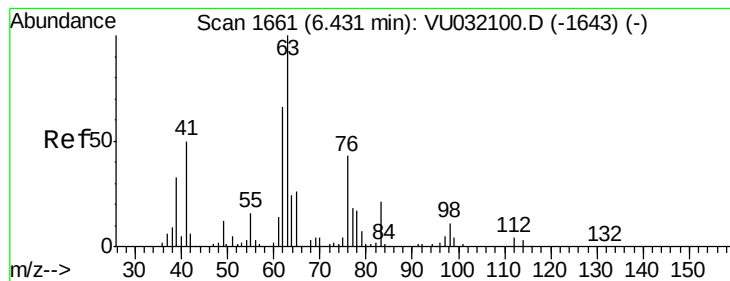
Tgt Ion: 83 Resp: 7783
Ion Ratio Lower Upper
83 100
85 81.5 44.9 83.3



#35
Methylcyclohexane
Concen: 1.400 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032102.D
Acq: 17 May 2019 15:42

Tgt Ion: 83 Resp: 32646
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 0.2 36.8 55.2#





#37

1,2-Dichloropropane

Concen: 1.010 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU032102.D

Acq: 17 May 2019 15:42

Instrument :

MSVOA_U

ClientSampleId :

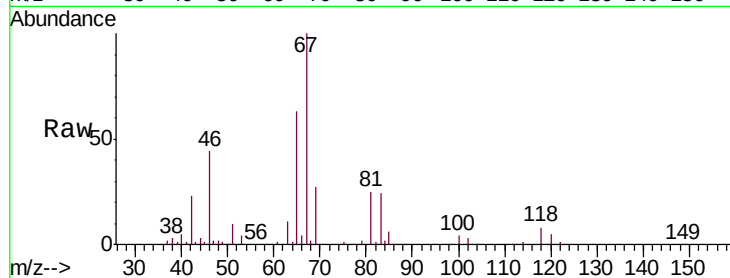
F9W42

Tgt Ion: 63 Resp: 14733

Ion Ratio Lower Upper

63 100

112 0.7 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VU032102.D (-1643) (-)

Ion 112.10 (111.80 to 112.80): VU032102.D (-1643) (-)

6.33

8000

6000

4000

2000

0

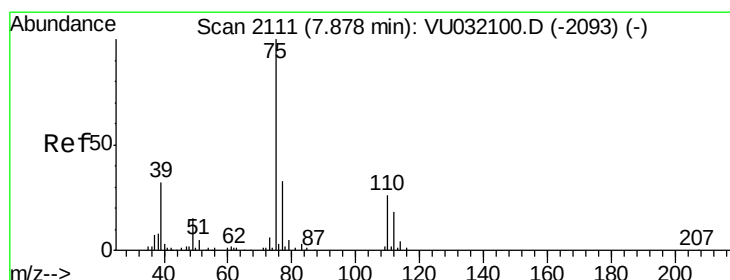
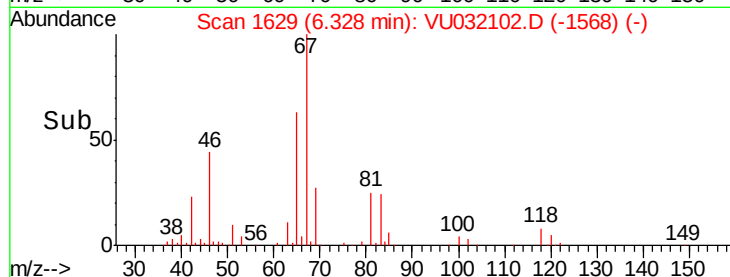
6.25

6.30

6.35

6.40

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032102.D

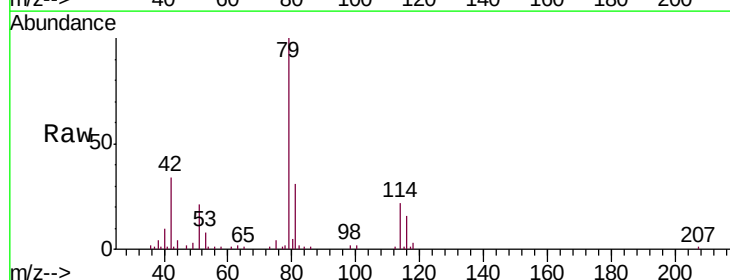
Acq: 17 May 2019 15:42

Tgt Ion: 75 Resp: 2115

Ion Ratio Lower Upper

75 100

77 33.0 21.0 39.0



Abundance Ion 75.05 (74.75 to 75.75): VU032102.D (-2093) (-)

Ion 77.05 (76.75 to 77.75): VU032102.D (-2093) (-)

7.85

1000

800

600

400

200

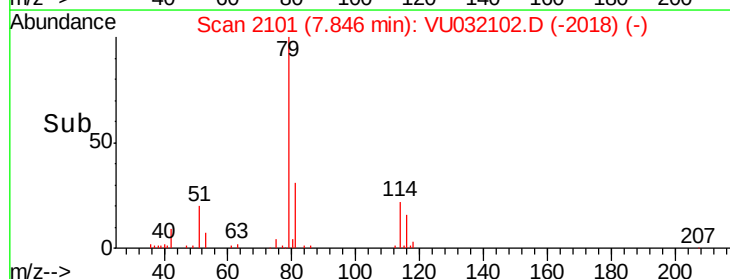
0

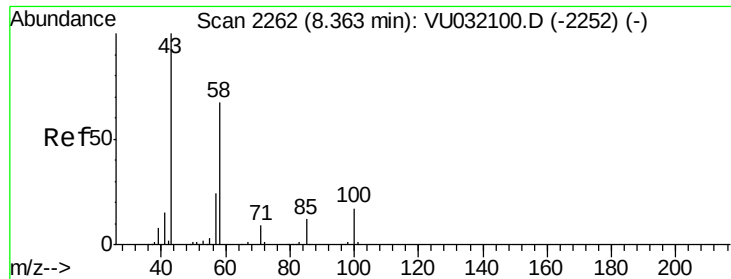
7.80

7.85

7.90

Time-->

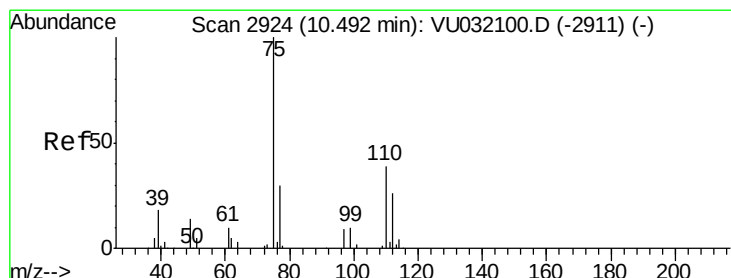
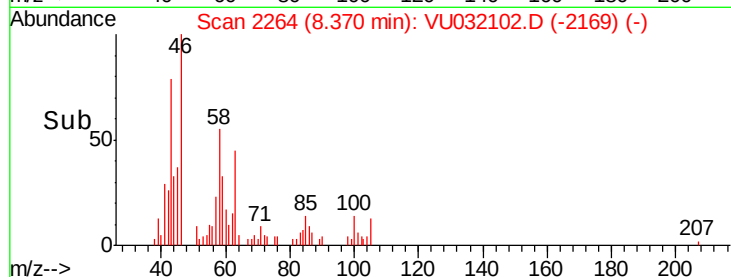
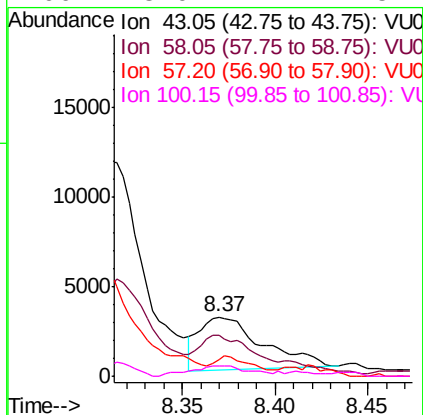
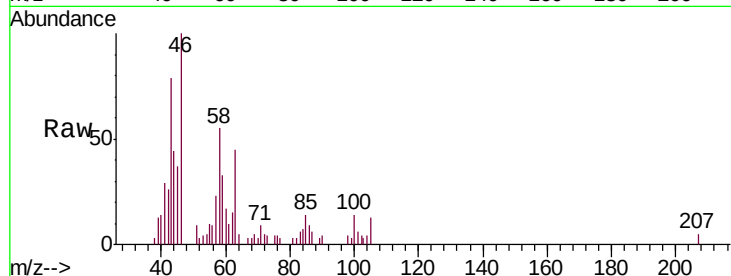




#48
 2-Hexanone
 Concen: 1.359 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU032102.D
 Acq: 17 May 2019 15:42

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W42

Tgt Ion: 43 Resp: 7130
 Ion Ratio Lower Upper
 43 100
 58 40.1 51.6 77.4#
 57 13.0 18.4 27.6#
 100 18.0 12.2 18.4



#59
 1,2,3-Trichloropropane
 Concen: 1.834 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU032102.D
 Acq: 17 May 2019 15:42

Tgt Ion: 75 Resp: 16993
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.2 39.2

