

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112018\
 Data File : VU028301.D
 Acq On : 21 Nov 2018 00:30
 Operator : MD/SY
 Sample : J5997-08 5000X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 21 07:13:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 07:07:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	163882	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156077	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	69365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43118	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.68	69	41775	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.27	63	64659	2.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.80%#
20) 2-Butanone-d5	4.20	46	241853	58.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	4.65	84	101274	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.31	65	60731	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.34	84	185533	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	6.33	67	75526	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.57	98	151479	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.40%
43) trans-1,3-Dichloropropene-	7.85	79	26973	5.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.60%
46) 2-Hexanone-d5	8.31	63	185556	59.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	60255	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	59310	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

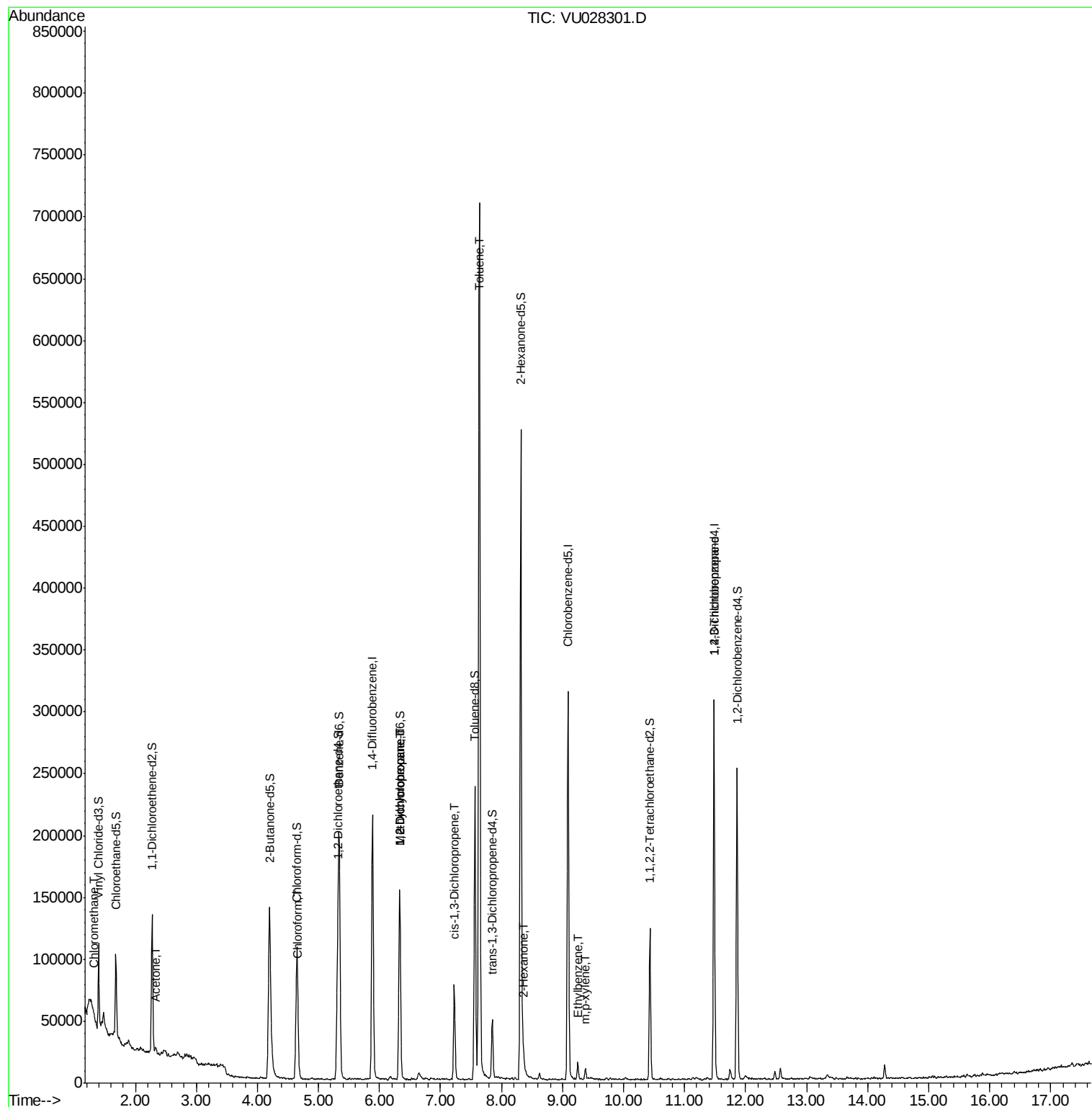
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.32	50	1349	0.077	ug/L	93
13) Acetone	2.34	43	5737	2.021	ug/L	98
25) Chloroform	4.67	83	4824	0.179	ug/L #	73
35) Methylcyclohexane	6.33	83	15151	0.763	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8004	0.545	ug/L #	92
39) cis-1,3-Dichloropropene	7.23	75	1918	0.103	ug/L #	80
42) Toluene	7.64	91	502424	9.626	ug/L	100
48) 2-Hexanone	8.36	43	3067	0.409	ug/L #	78
52) Ethylbenzene	9.25	91	9608	0.171	ug/L	97
53) m,p-xylene	9.37	106	2121	0.109	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	11002	1.296	ug/L #	88

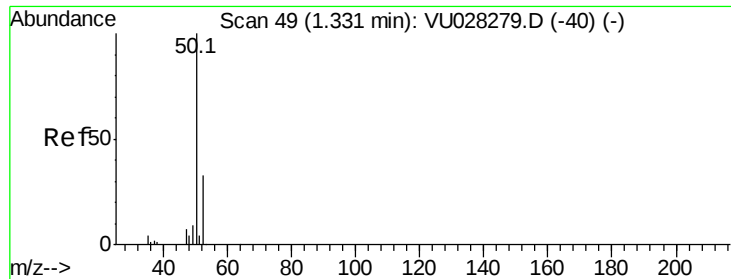
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.077 ug/L

RT: 1.32 min Scan# 47

Delta R.T. -0.01 min

Lab File: VU028301.D

Acq: 21 Nov 2018 00:30

Instrument :

MSVOA_U

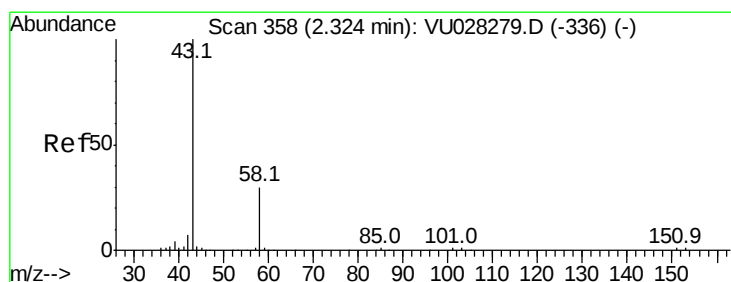
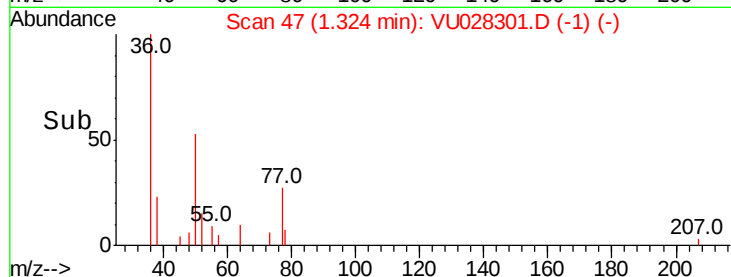
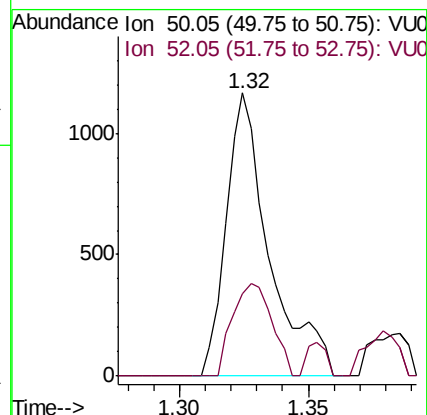
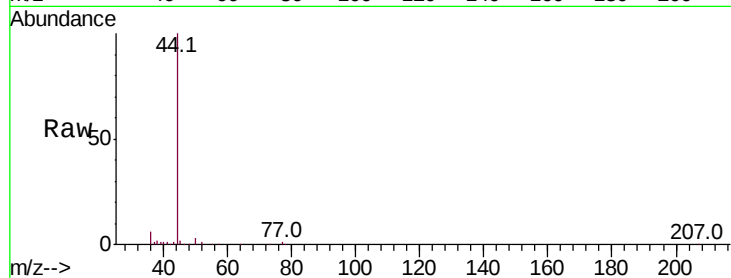
ClientSampleId :

Tot Ion: 50 Resp: 1349

Ion Ratio Lower Upper

50 100

52 28.9 22.8 42.4



#13

Acetone

Concen: 2.021 ug/L

RT: 2.34 min Scan# 362

Delta R.T. 0.01 min

Lab File: VU028301.D

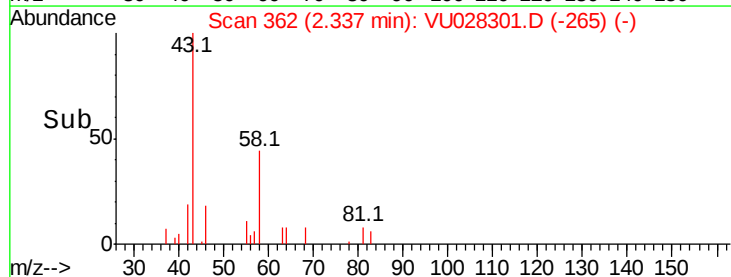
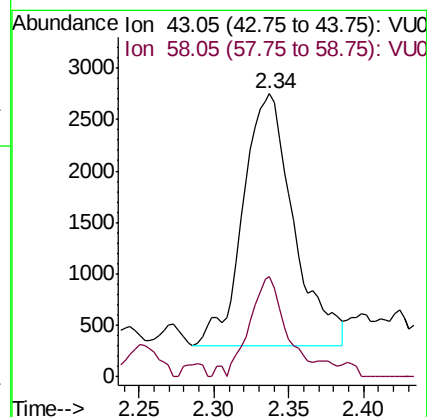
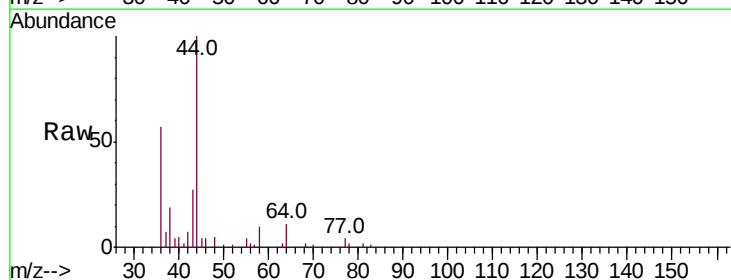
Acq: 21 Nov 2018 00:30

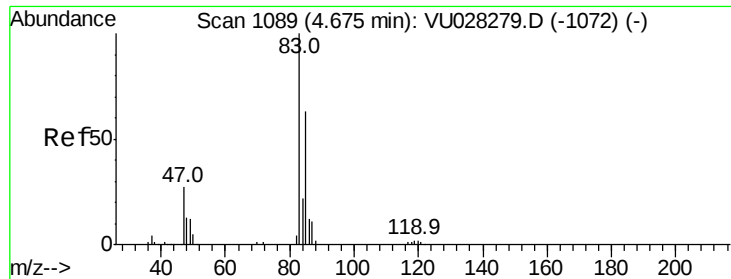
Tgt Ion: 43 Resp: 5737

Ion Ratio Lower Upper

43 100

58 28.4 0.0 58.6





#25

Chloroform

Concen: 0.179 ug/L

RT: 4.67 min Scan# 1089

Delta R.T. -0.00 min

Lab File: VU028301.D

Acq: 21 Nov 2018 00:30

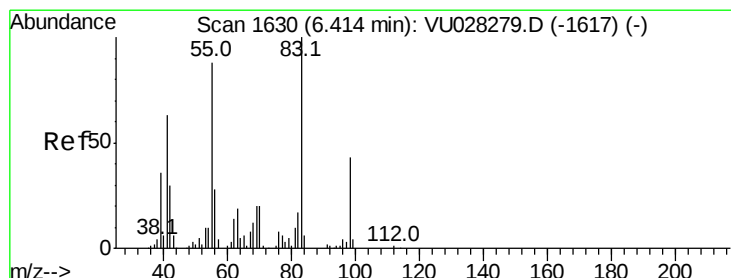
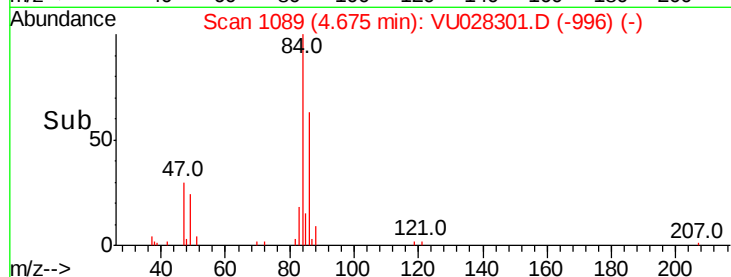
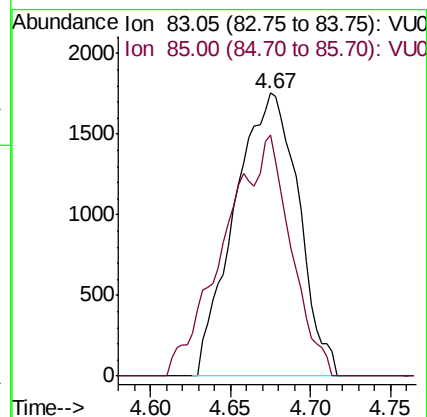
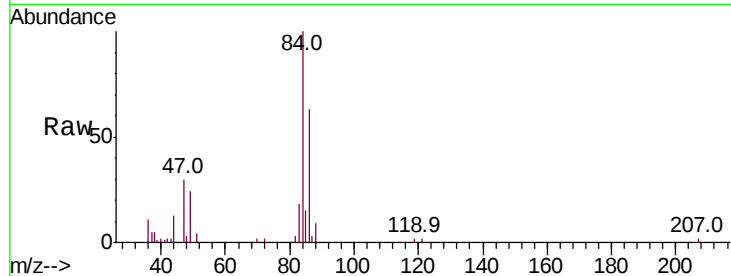
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 4824

Ion Ratio Lower Upper

83 100

85 85.1 44.6 82.8#



#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.08 min

Lab File: VU028301.D

Acq: 21 Nov 2018 00:30

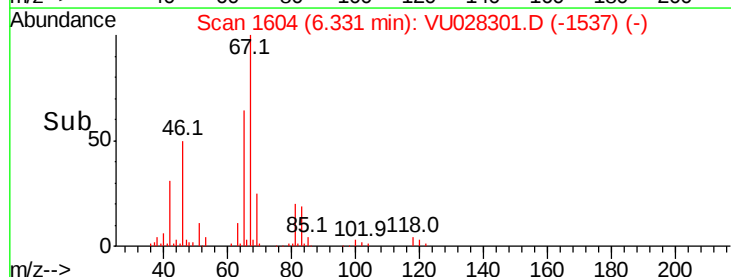
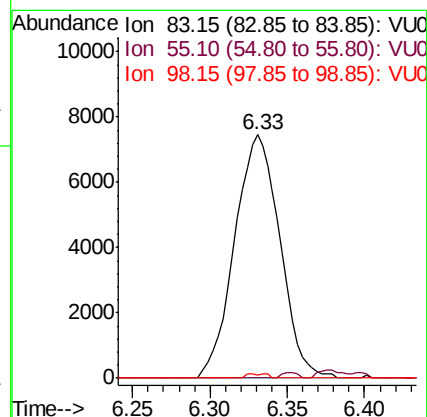
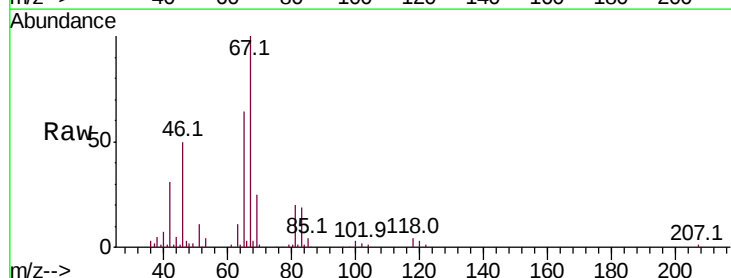
Tgt Ion: 83 Resp: 15151

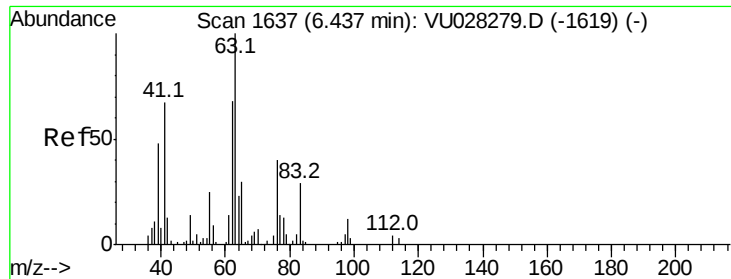
Ion Ratio Lower Upper

83 100

55 0.7 73.2 109.8#

98 0.8 33.4 50.2#





#37

1,2-Dichloropropane

Concen: 0.545 ug/L

RT: 6.33 min Scan# 1603

Delta R.T. -0.11 min

Lab File: VU028301.D

Acq: 21 Nov 2018 00:30

Instrument :

MSVOA_U

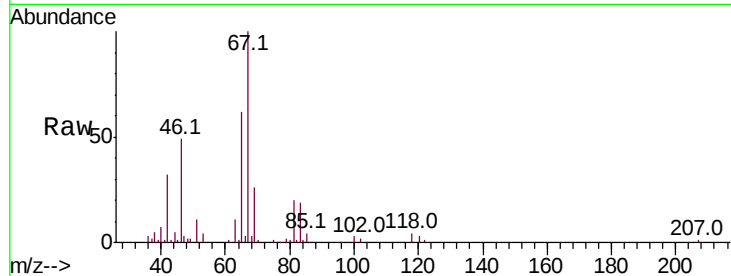
ClientSampleId :

Tot Ion: 63 Resp: 8004

Ion Ratio Lower Upper

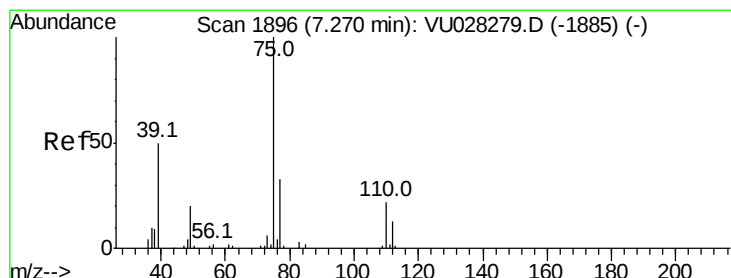
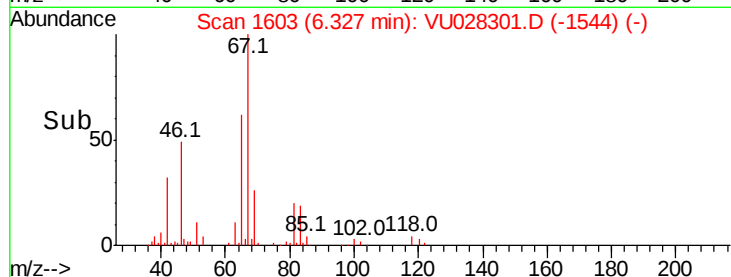
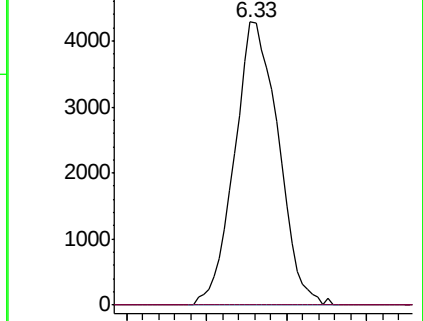
63 100

112 0.0 2.2 3.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.23 min Scan# 1883

Delta R.T. -0.04 min

Lab File: VU028301.D

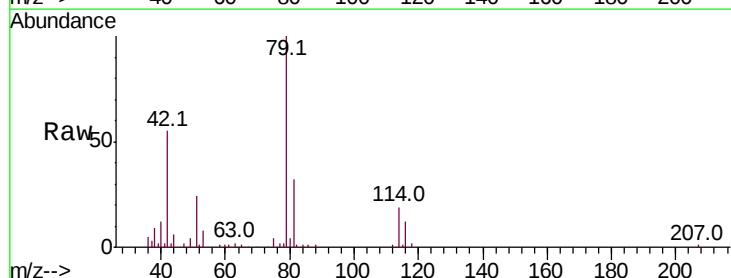
Acq: 21 Nov 2018 00:30

Tgt Ion: 75 Resp: 1918

Ion Ratio Lower Upper

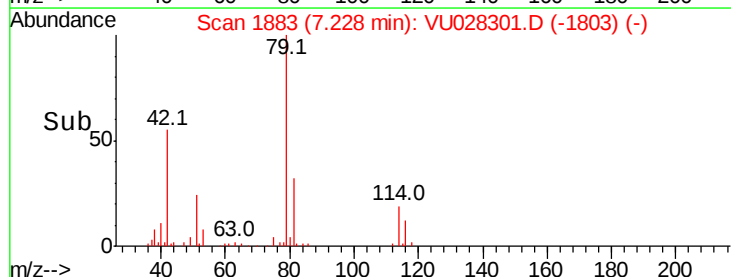
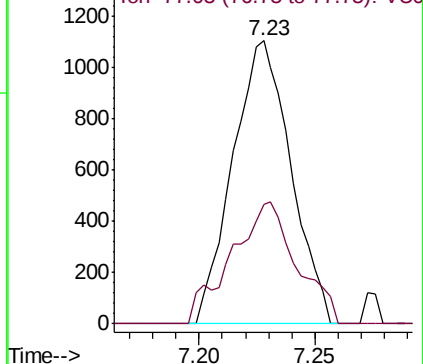
75 100

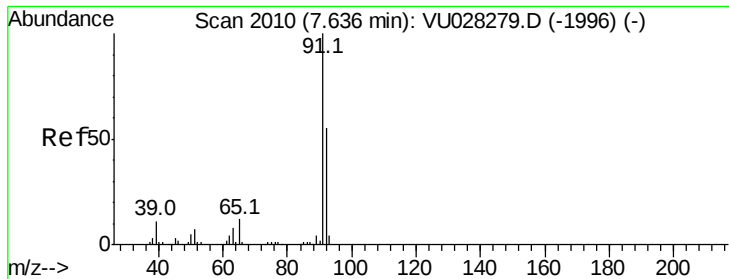
77 42.1 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#42

Toluene

Concen: 9.626 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028301.D

Acq: 21 Nov 2018 00:30

Instrument :

MSVOA_U

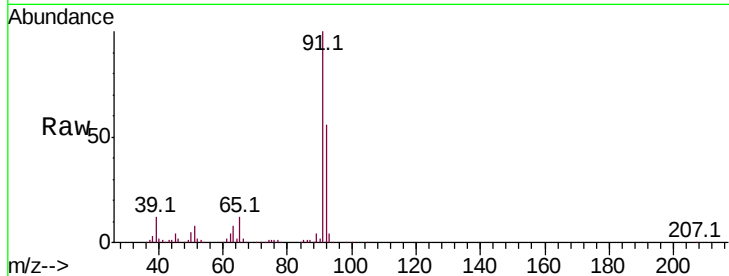
ClientSampleId :

Tot Ion: 91 Resp: 502424

Ion Ratio Lower Upper

91 100

92 55.8 39.0 72.4



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

7.64

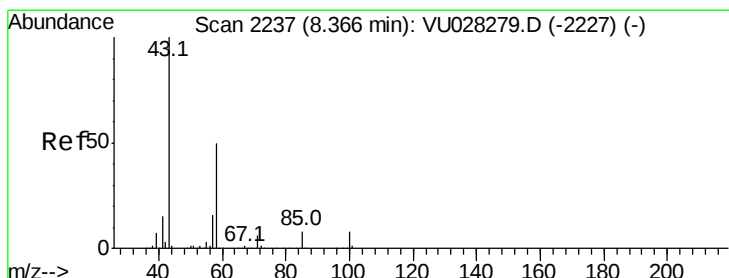
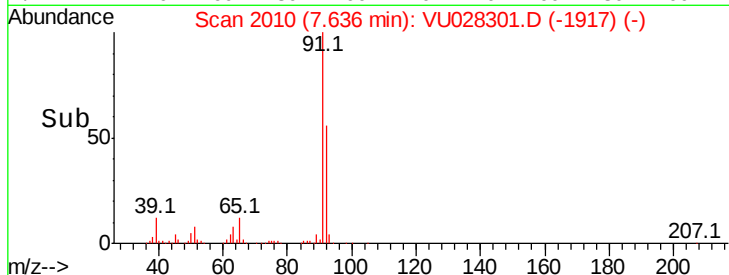
300000

200000

100000

0

Time-->



#48

2-Hexanone

Concen: 0.409 ug/L

RT: 8.36 min Scan# 2236

Delta R.T. -0.00 min

Lab File: VU028301.D

Acq: 21 Nov 2018 00:30

Tgt Ion: 43 Resp: 3067

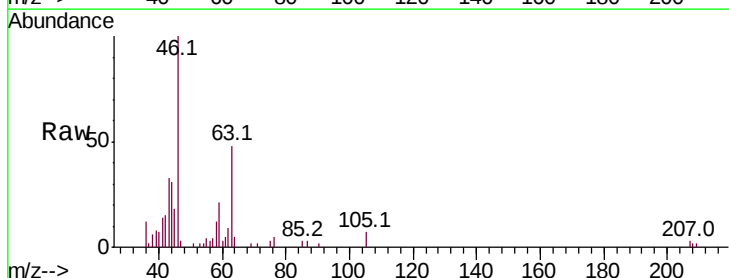
Ion Ratio Lower Upper

43 100

58 31.2 41.1 61.7#

57 17.3 13.8 20.8

100 0.0 6.5 9.7#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0

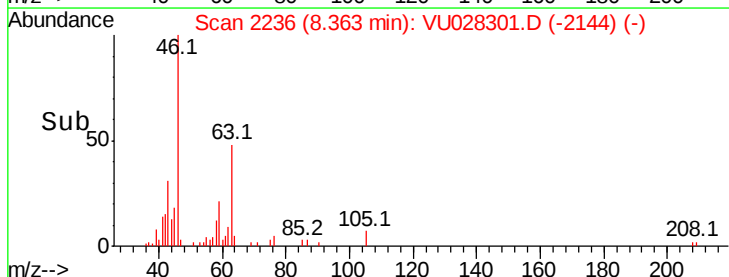
15000

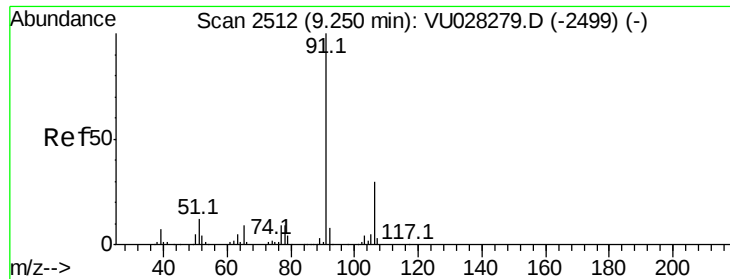
10000

5000

0

Time-->





#52

Ethylbenzene

Concen: 0.171 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. -0.00 min

Lab File: VU028301.D

Acq: 21 Nov 2018 00:30

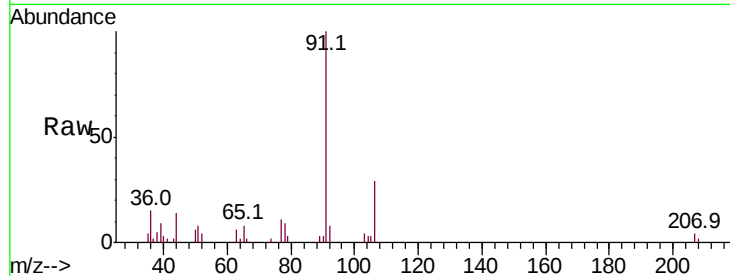
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 9608

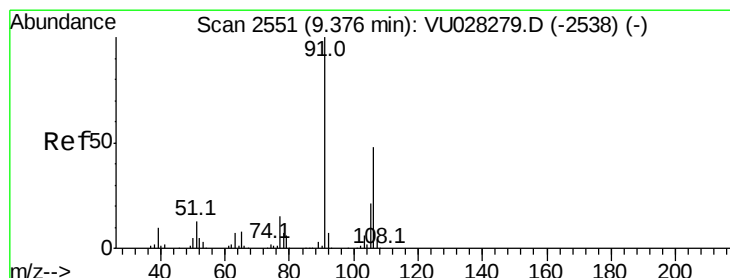
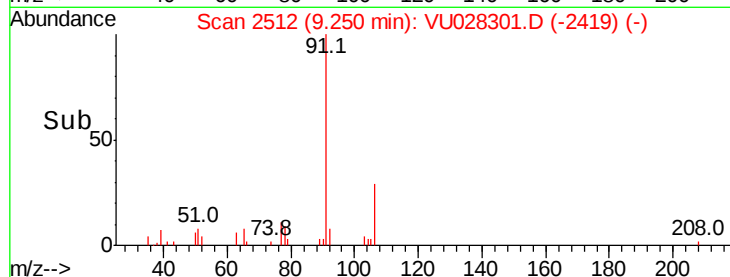
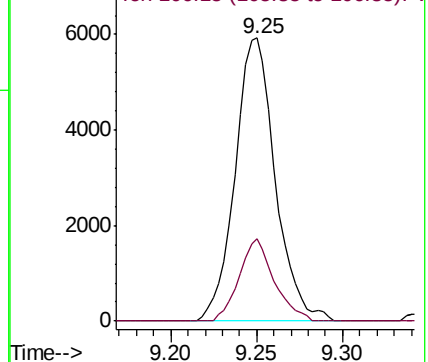
Ion Ratio Lower Upper

91 100

106 29.1 19.3 35.9



Abundance Ion 91.15 (90.85 to 91.85): VU028279.D (-2499) (-)



#53

m,p-xylene

Concen: 0.109 ug/L

RT: 9.37 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU028301.D

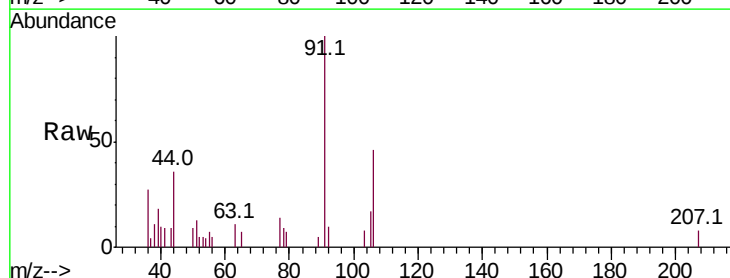
Acq: 21 Nov 2018 00:30

Tgt Ion: 106 Resp: 2121

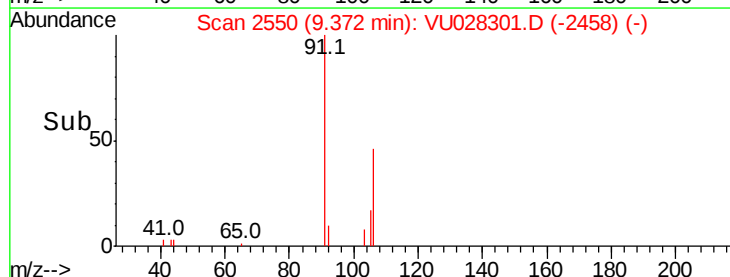
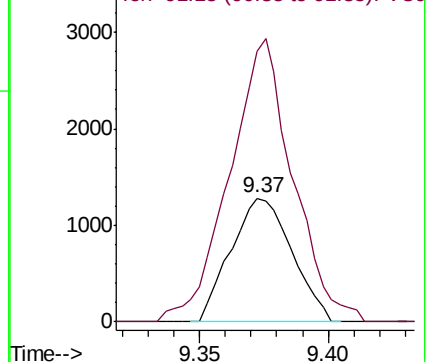
Ion Ratio Lower Upper

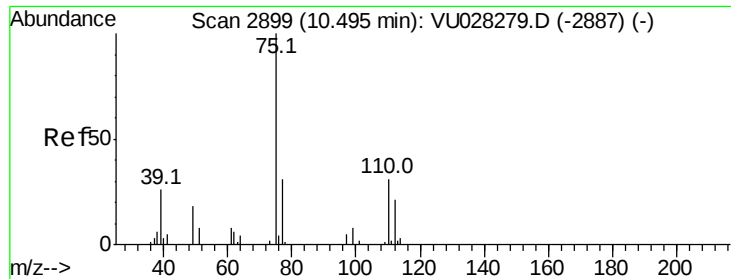
106 100

91 218.7 150.6 279.6



Abundance Ion 106.15 (105.85 to 106.85): VU028279.D (-2538) (-)





#59

1,2,3-Trichloropropane

Concen: 1.296 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028301.D

Acq: 21 Nov 2018 00:30

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 11002

Ion Ratio Lower Upper

75 100

77 38.8 25.7 38.5#

