

Data File : VU029289.D
Acq On : 25 Jan 2019 14:49
Operator : JC/SP
Sample : K1246-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JJ2

Quant Time: Jan 28 02:25:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jan 28 02:17:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	62304	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63367	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	29739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27196	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.68	69	21824	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.27	63	37390	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.21	46	67677	55.63	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.26%
24) Chloroform-d	4.65	84	48230	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.31	65	28039	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.34	84	89801	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.33	67	28198	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.56	98	77752	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.85	79	12478	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.31	63	61455	55.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24839	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	32119	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

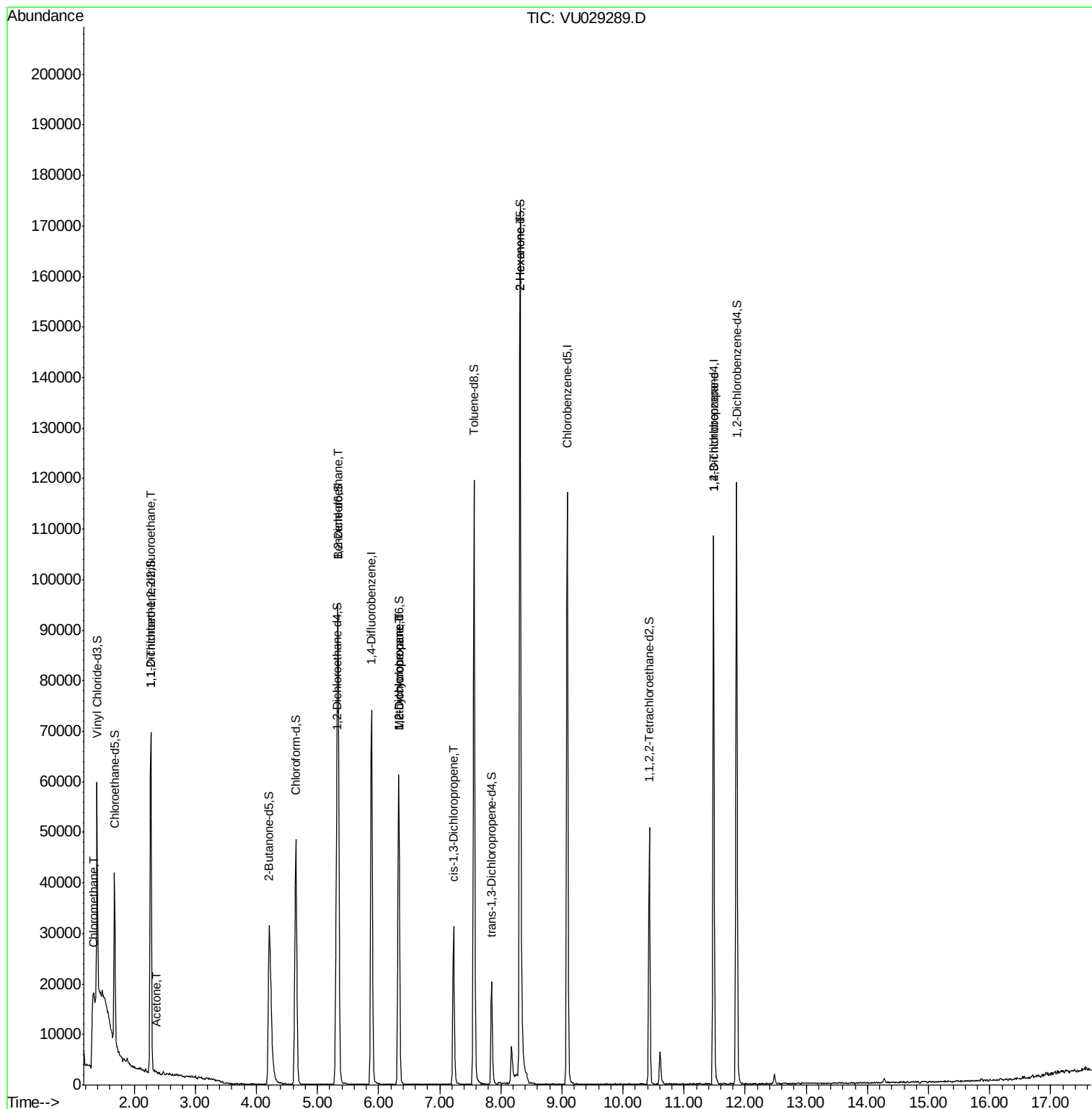
					Qvalue	
3) Chloromethane	1.33	50	689	0.091	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	304	0.059	ug/L #	17
13) Acetone	2.35	43	466	0.512	ug/L	71
27) 1,2-Dichloroethane	5.34	62	483	0.074	ug/L #	77
35) Methylcyclohexane	6.33	83	7006	0.837	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3283	0.629	ug/L #	85
39) cis-1,3-Dichloropropene	7.23	75	851	0.113	ug/L	89
48) 2-Hexanone	8.31	43	8499	3.705	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	3711	1.033	ug/L	93

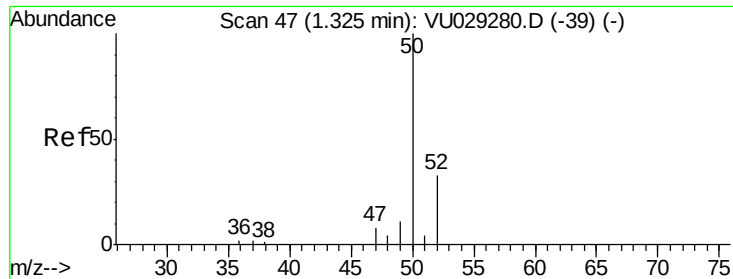
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.33 min Scan# 49

Delta R.T. 0.01 min

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Acq: 25 Jan 2019 14:49

Instrument :

MSVOA_U

ClientSampled :

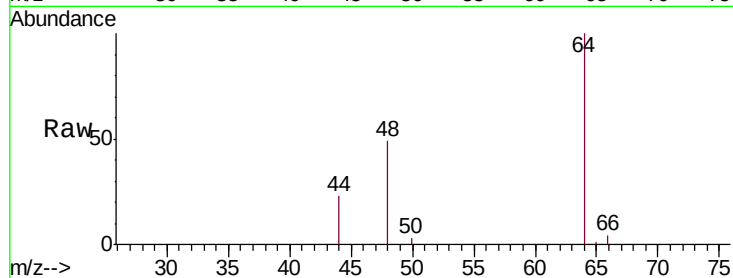
C0JJ2

Tgt Ion: 50 Resp: 689

Ion Ratio Lower Upper

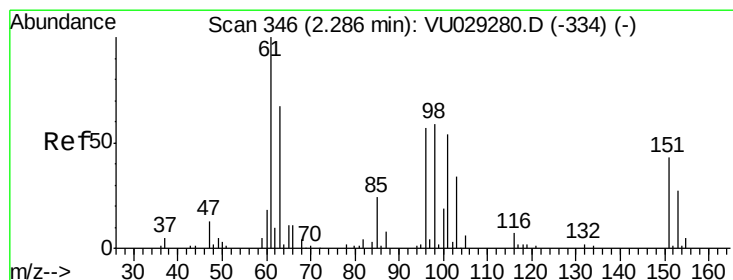
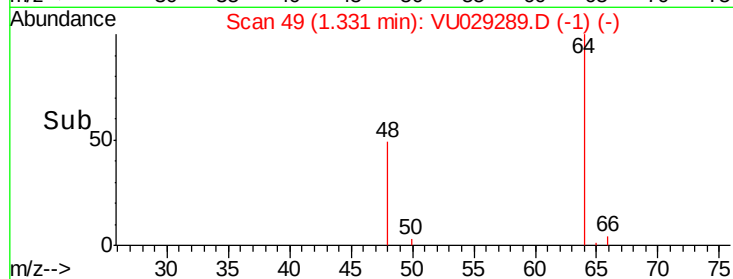
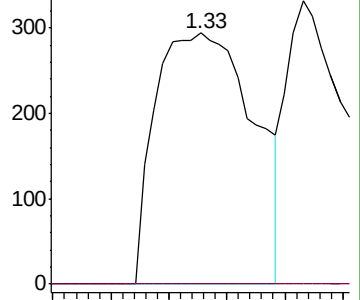
50 100

52 0.0 22.9 42.5#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#10

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

Concen: 0.059 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

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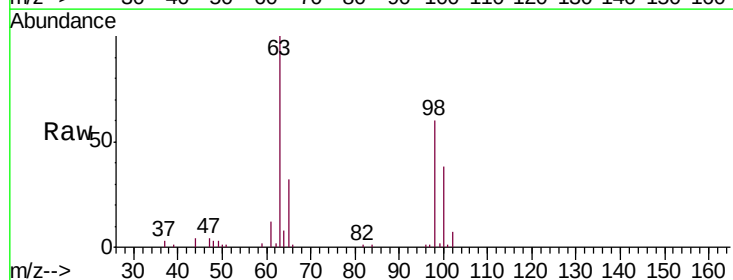
Tgt Ion: 101 Resp: 304

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.2#

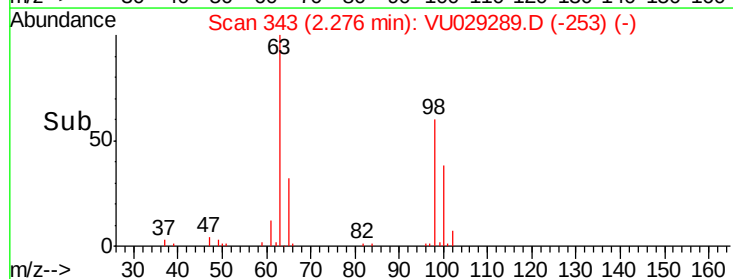
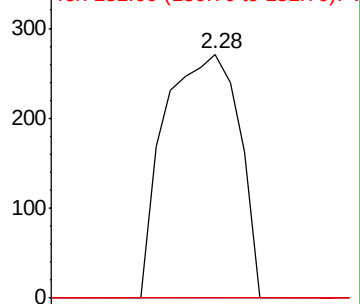
151 0.0 64.5 96.7#

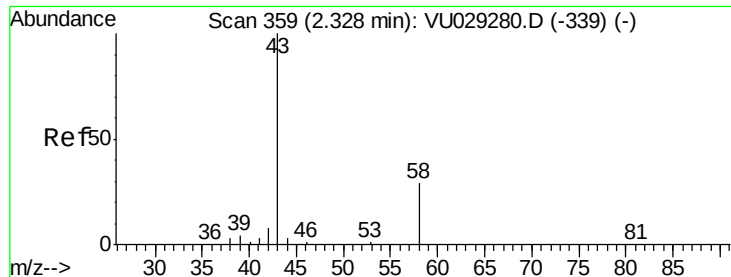


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 0.512 ug/L

RT: 2.35 min Scan# 366

Delta R.T. 0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

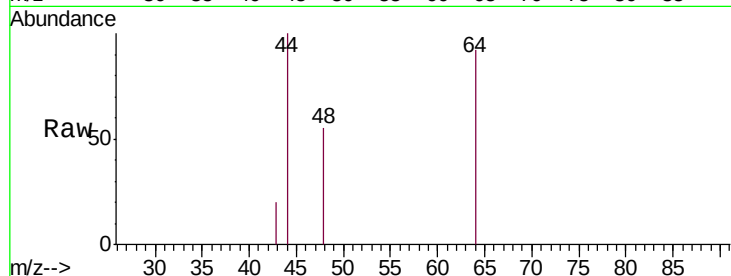
C0JJ2

Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

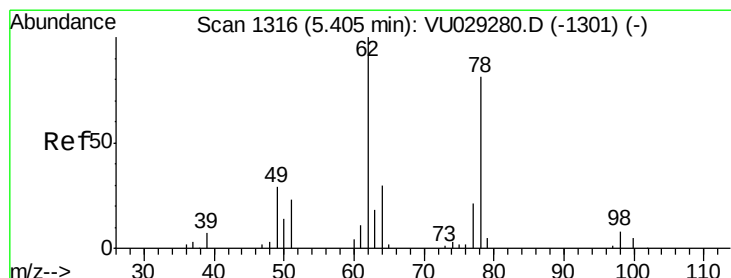
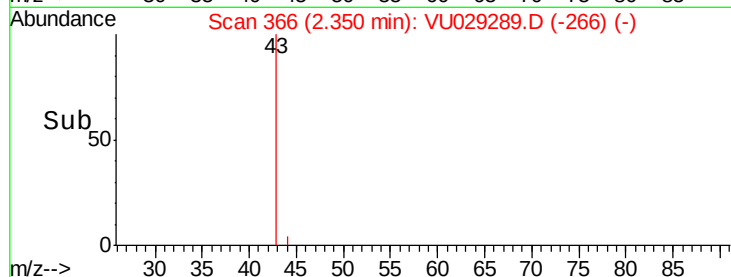
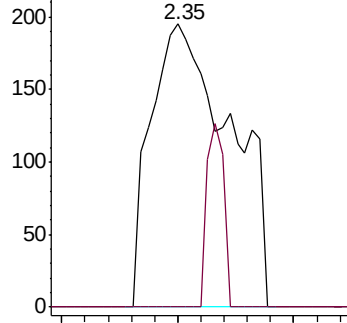
43 100

58 13.7 0.0 58.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#27

1,2-Dichloroethane

Concen: 0.074 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU029289.D

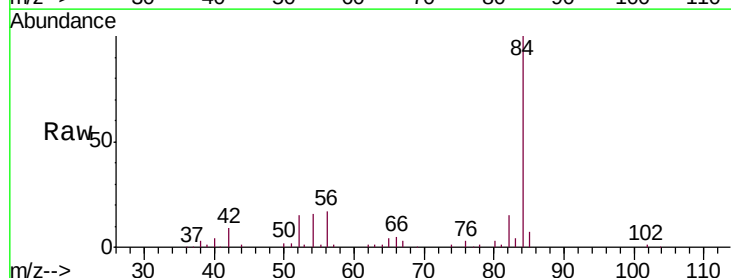
Acq: 25 Jan 2019 14:49

Tgt Ion: 62 Resp: 483

Ion Ratio Lower Upper

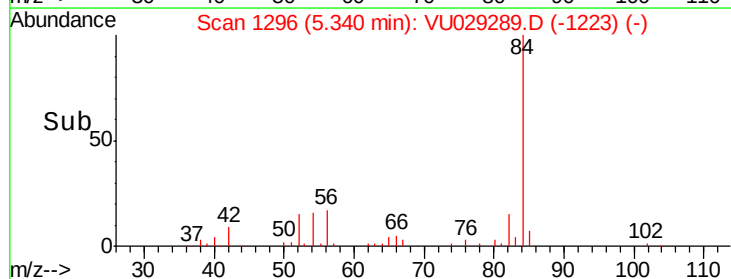
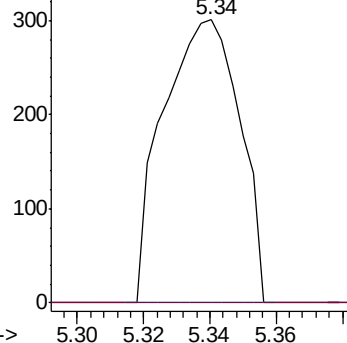
62 100

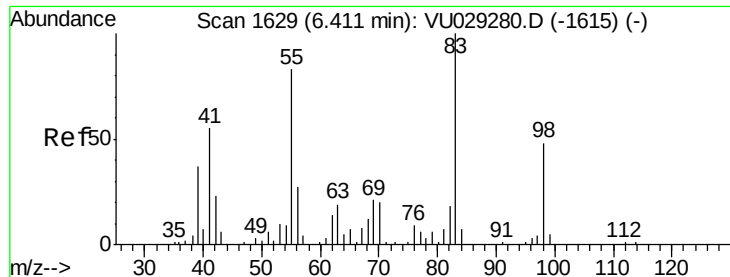
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0

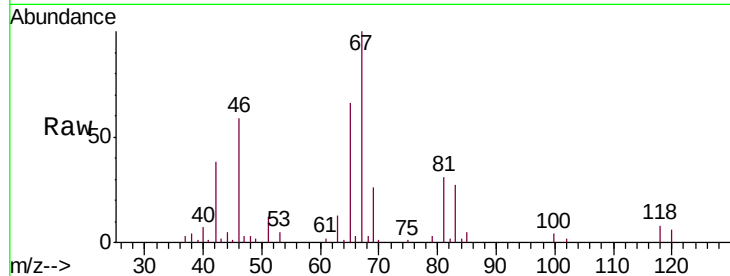




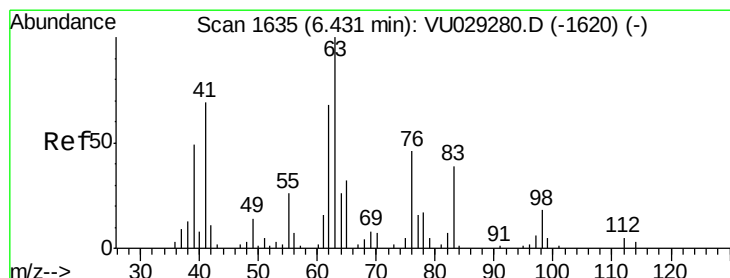
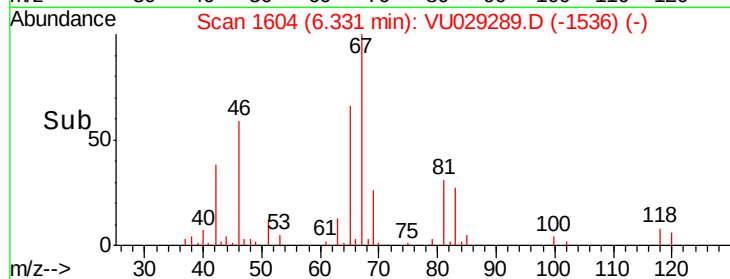
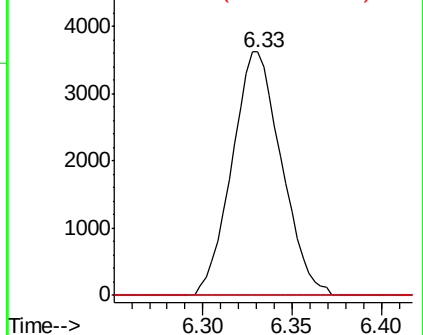
#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.08 min
Lab File: VU029289.D
Acq: 25 Jan 2019 14:49

Instrument :
MSVOA_U
ClientSampleId :
C0JJ2

Tgt Ion: 83 Resp: 7006
Ion Ratio Lower Upper
83 100
55 0.0 66.3 99.5#
98 0.0 37.9 56.9#

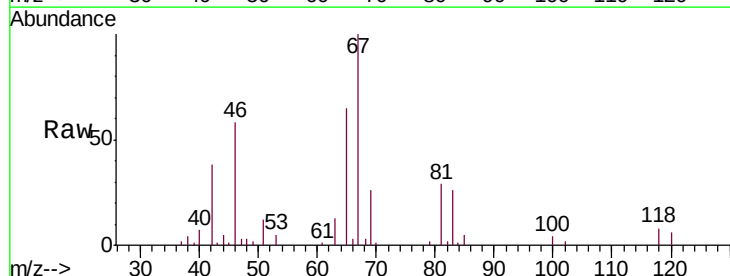


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

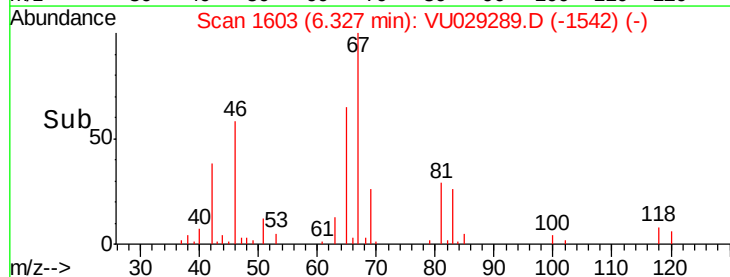
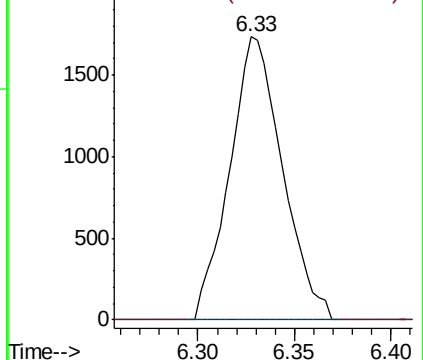


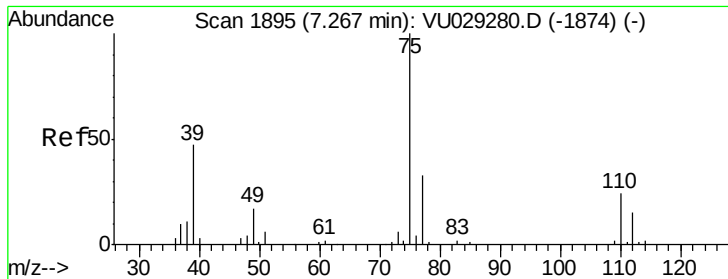
#37
1,2-Dichloropropane
Concen: 0.629 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU029289.D
Acq: 25 Jan 2019 14:49

Tgt Ion: 63 Resp: 3283
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



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

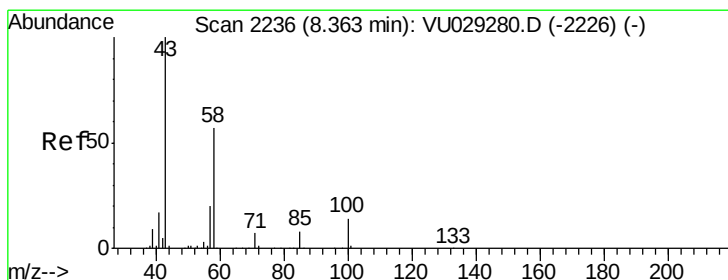
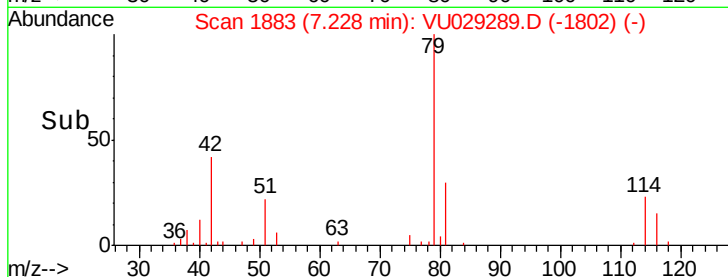
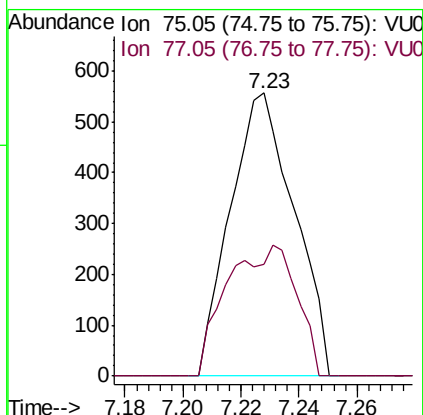
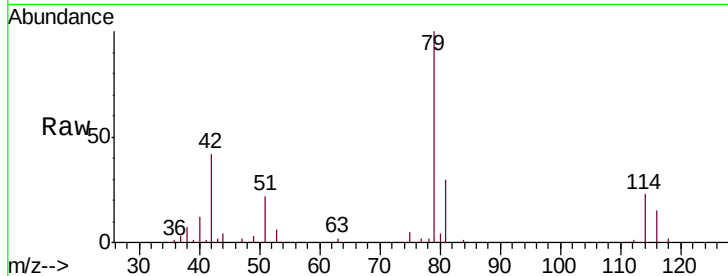




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU029289.D
 Acq: 25 Jan 2019 14:49

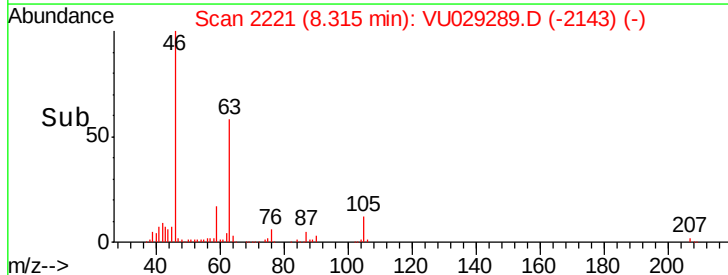
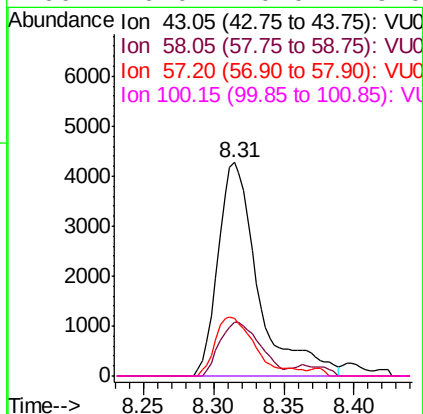
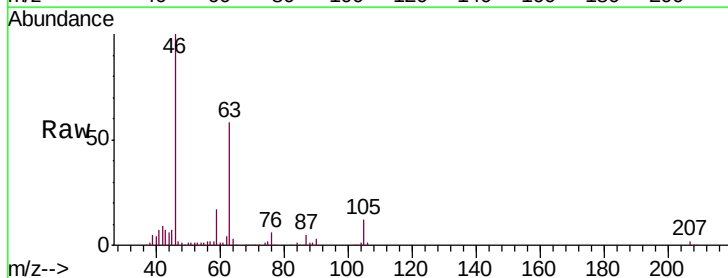
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JJ2

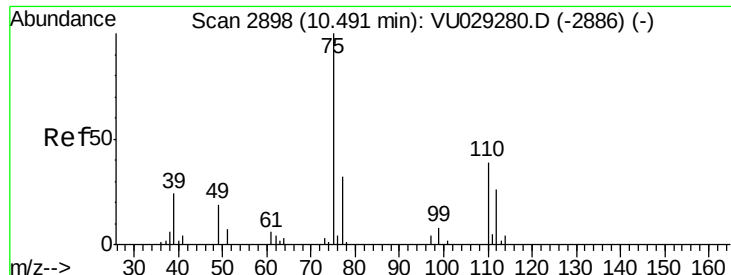
Tgt Ion: 75 Resp: 851
 Ion Ratio Lower Upper
 75 100
 77 39.5 23.2 43.0



#48
 2-Hexanone
 Concen: 3.705 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU029289.D
 Acq: 25 Jan 2019 14:49

Tgt Ion: 43 Resp: 8499
 Ion Ratio Lower Upper
 43 100
 58 25.2 44.2 66.2#
 57 27.7 15.4 23.2#
 100 0.0 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 1.033 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU029289.D

Acq: 25 Jan 2019 14:49

Instrument :

MSVOA_U

ClientSampleId :

C0JJ2

Tgt Ion: 75 Resp: 3711

Ion Ratio Lower Upper

75 100

77 36.5 26.2 39.4

