

Data File : VU029597.D
Acq On : 21 Feb 2019 15:00
Operator : JC/SP
Sample : K1531-05RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0TS0

Quant Time: Feb 22 03:13:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 03:07:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	242517	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	236223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	70468	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.68	69	68380	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	117393	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.19	46	173382	48.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.84%
24) Chloroform-d	4.64	84	127756	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	70720	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.34	84	283963	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.33	67	84428	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.56	98	267023	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	31560	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.31	63	172462	48.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71058	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	116322	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

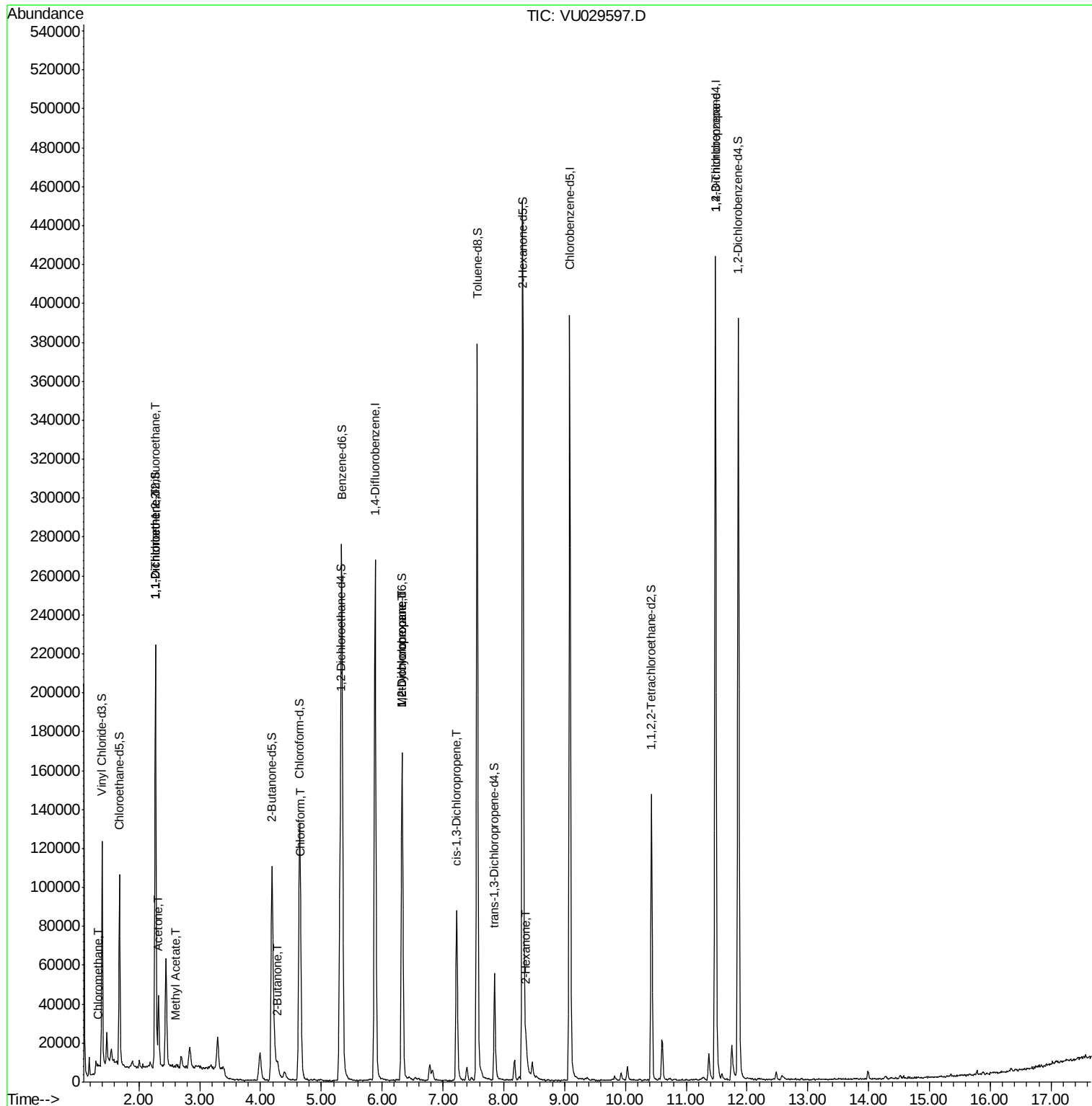
						Qvalue
3) Chloromethane	1.33	50	1215	0.074	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1315	0.069	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	1021	0.057	ug/L #	1
13) Acetone	2.32	43	34211	13.298	ug/L	96
15) Methyl Acetate	2.62	43	1583	0.211	ug/L	90
21) 2-Butanone	4.28	43	9550	2.675	ug/L	92
25) Chloroform	4.67	83	7893	0.259	ug/L	92
35) Methylcyclohexane	6.33	83	19831	0.702	ug/L #	21
37) 1,2-Dichloropropane	6.32	63	8722	0.555	ug/L #	86
39) cis-1,3-Dichloropropene	7.22	75	2547	0.111	ug/L #	78
48) 2-Hexanone	8.37	43	7343	1.136	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	12827	1.221	ug/L	99

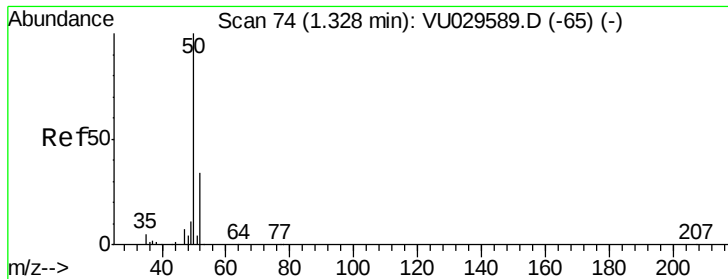
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029597.D
Acq On : 21 Feb 2019 15:00
Operator : JC/SP
Sample : K1531-05RE
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0TS0

Quant Time: Feb 22 03:13:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 22 03:07:37 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.074 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU029597.D

Acq: 21 Feb 2019 15:00

Instrument :

MSVOA_U

ClientSampled :

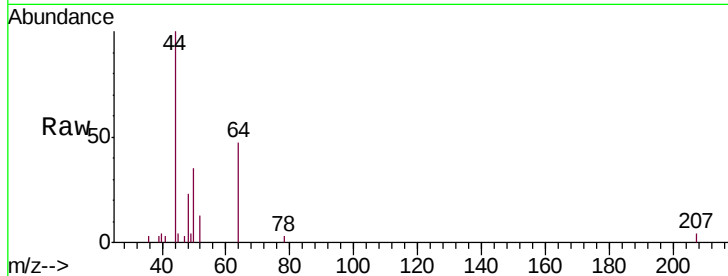
C0TS0

Tgt Ion: 50 Resp: 1215

Ion Ratio Lower Upper

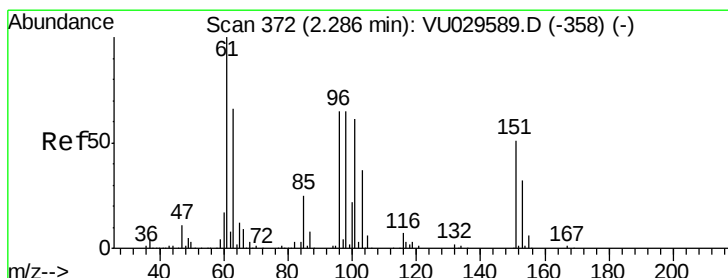
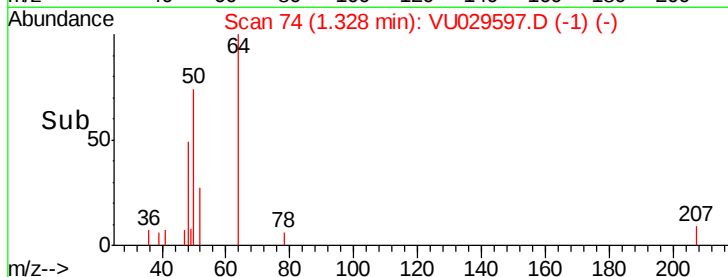
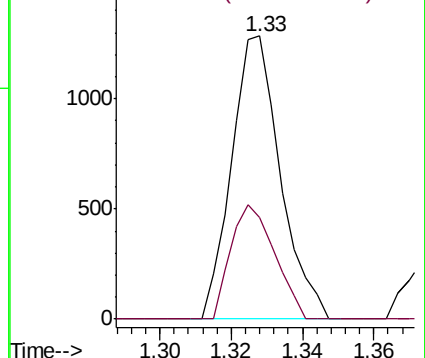
50 100

52 36.0 23.5 43.7



Abundance Ion 50.05 (49.75 to 50.75): VU029589.D (-65) (-)

Ion 52.05 (51.75 to 52.75): VU029589.D (-65) (-)



#10

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

Concen: 0.069 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029597.D

Acq: 21 Feb 2019 15:00

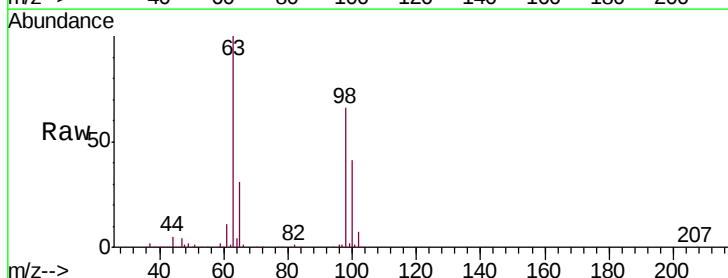
Tgt Ion: 101 Resp: 1315

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

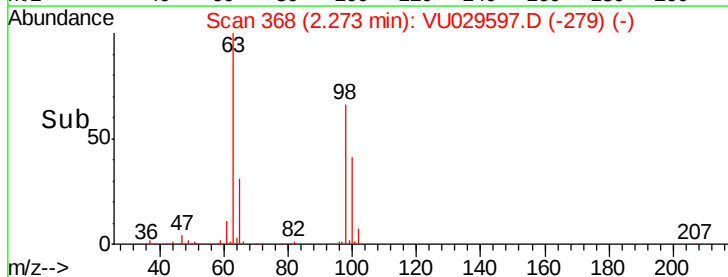
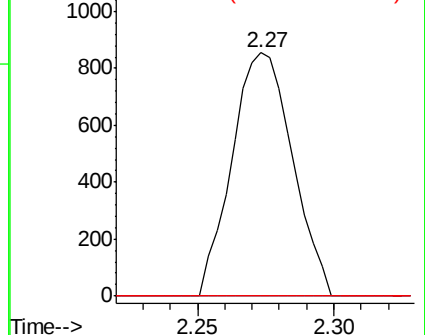
151 0.0 65.9 98.9#

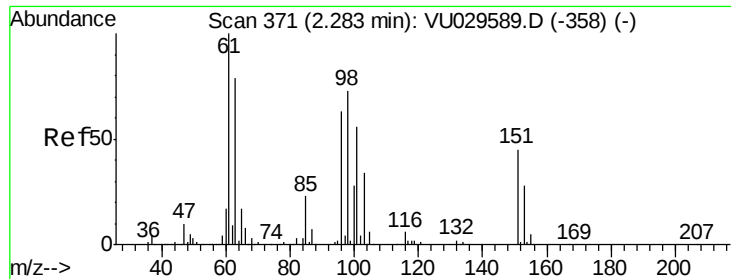


Abundance Ion 101.00 (100.70 to 101.70): VU029589.D (-358) (-)

Ion 85.00 (84.70 to 85.70): VU029589.D (-358) (-)

Ion 151.00 (150.70 to 151.70): VU029589.D (-358) (-)

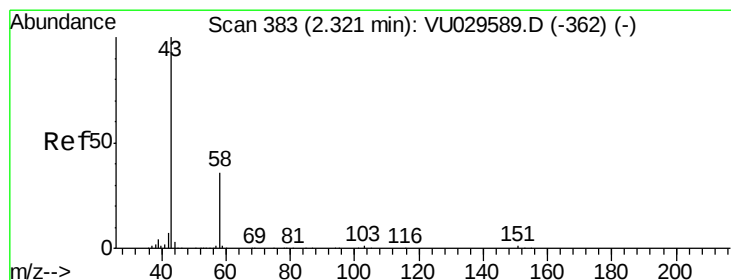
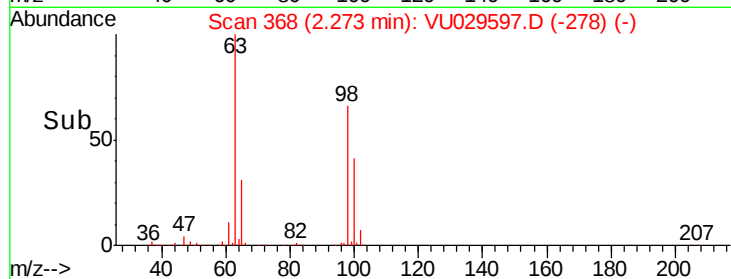
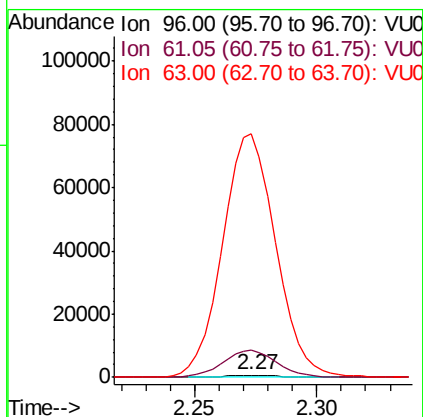
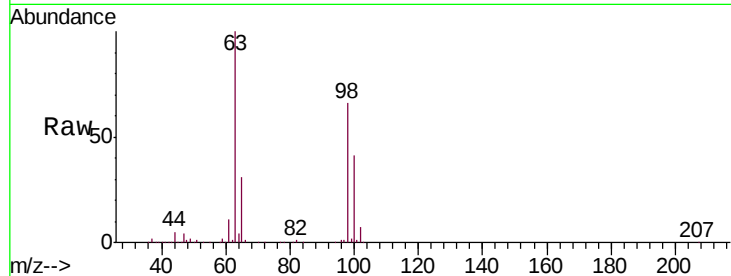




#12
 1,1-Dichloroethene
 Concen: 0.057 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU029597.D
 Acq: 21 Feb 2019 15:00

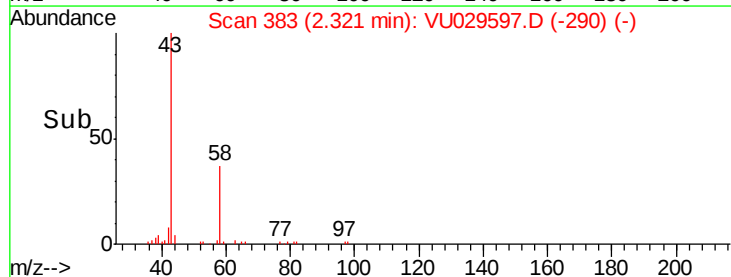
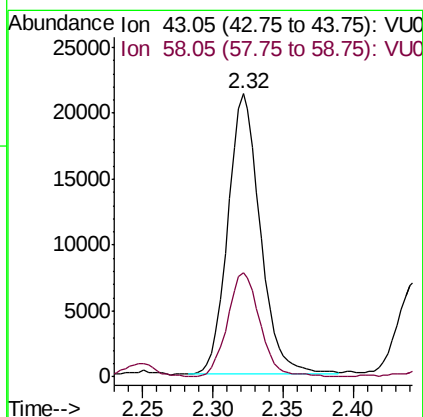
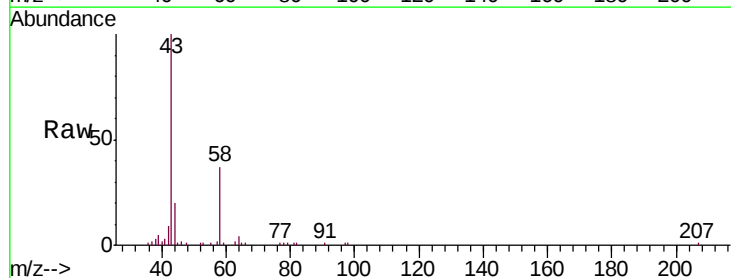
Instrument :
 MSVOA_U
 ClientSampleId :
 C0TS0

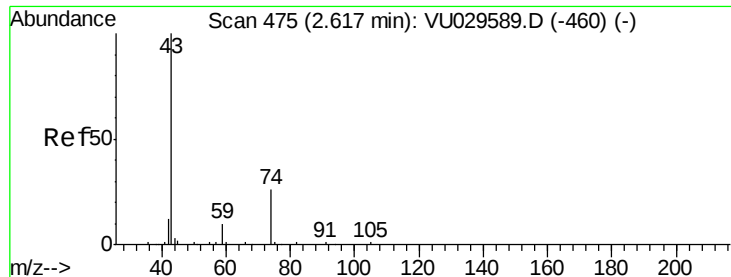
Tgt Ion: 96 Resp: 1021
 Ion Ratio Lower Upper
 96 100
 61 1290.3 111.3 206.7#
 63 11649.0 88.5 164.3#



#13
 Acetone
 Concen: 13.298 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU029597.D
 Acq: 21 Feb 2019 15:00

Tgt Ion: 43 Resp: 34211
 Ion Ratio Lower Upper
 43 100
 58 37.4 0.0 70.2





#15

Methyl Acetate

Concen: 0.211 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029597.D

Acq: 21 Feb 2019 15:00

Instrument :

MSVOA_U

ClientSampleId :

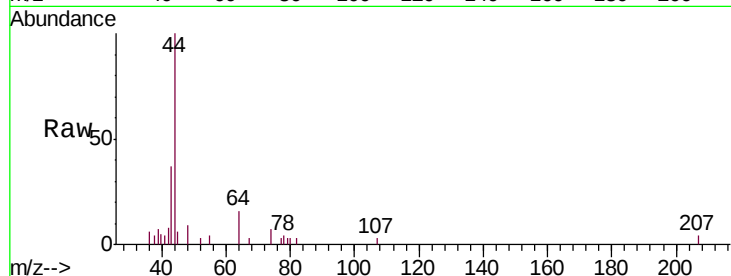
C0TS0

Tgt Ion: 43 Resp: 1583

Ion Ratio Lower Upper

43 100

74 22.0 21.6 32.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

2.62

1500

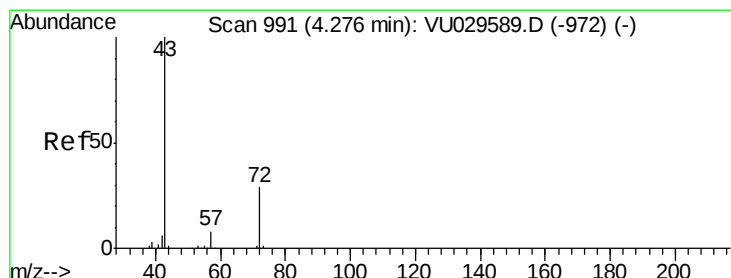
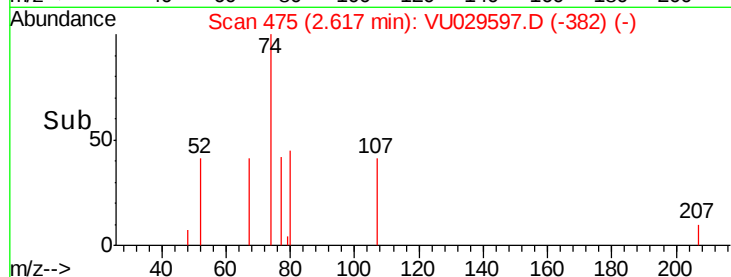
1000

500

0

2.60 2.65

Time-->



#21

2-Butanone

Concen: 2.675 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VU029597.D

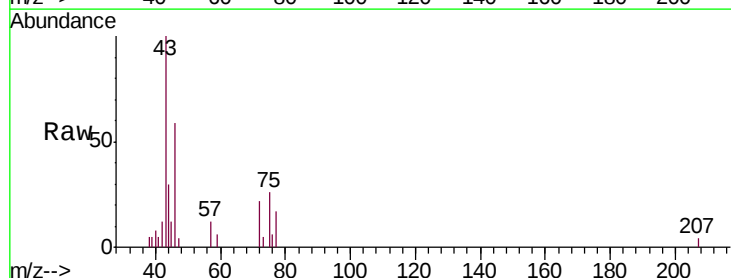
Acq: 21 Feb 2019 15:00

Tgt Ion: 43 Resp: 9550

Ion Ratio Lower Upper

43 100

72 26.7 15.4 46.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

4.28

3000

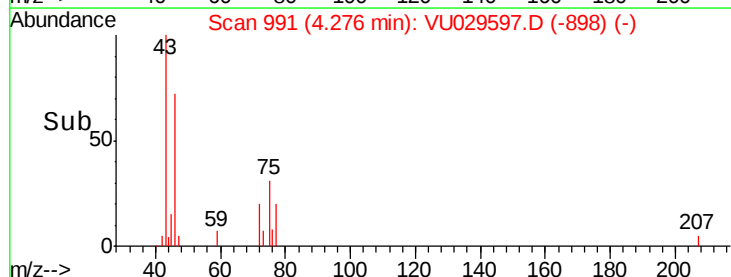
2000

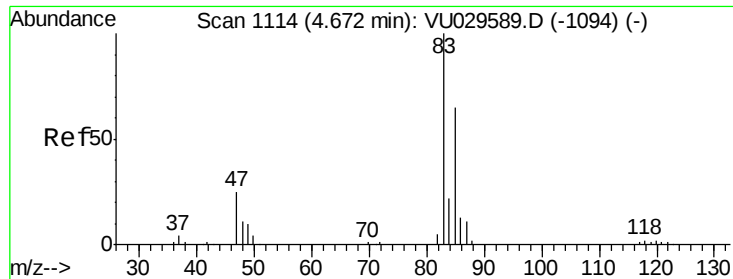
1000

0

4.20 4.25 4.30 4.35

Time-->

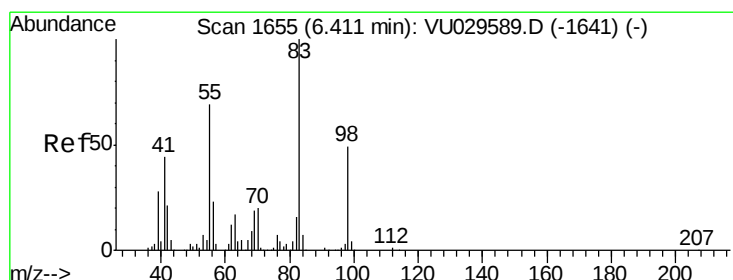
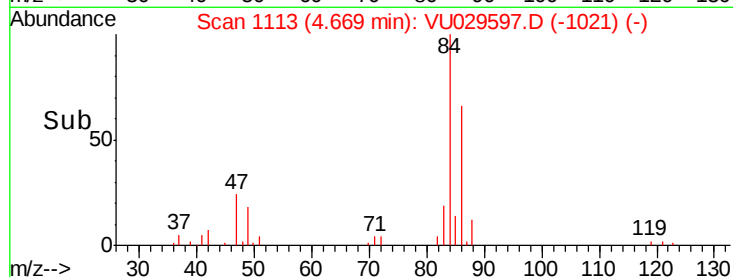
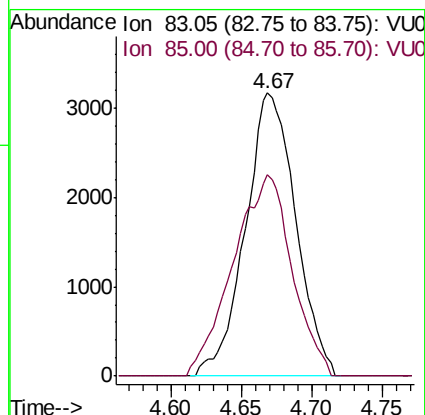
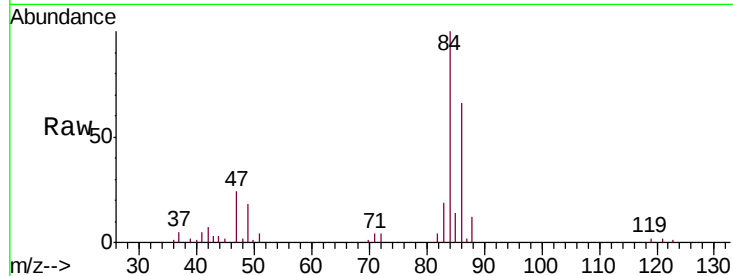




#25
Chloroform
Concen: 0.259 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU029597.D
Acq: 21 Feb 2019 15:00

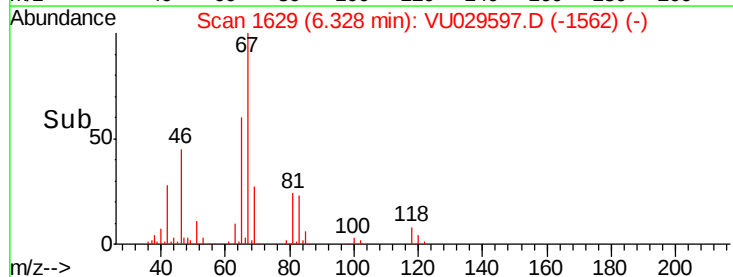
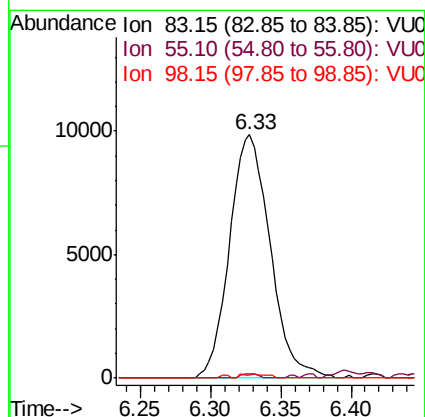
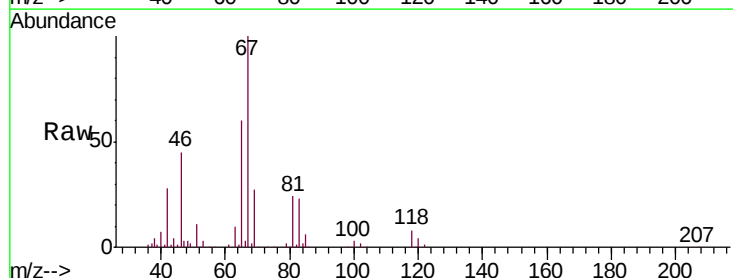
Instrument :
MSVOA_U
ClientSampleId :
C0TS0

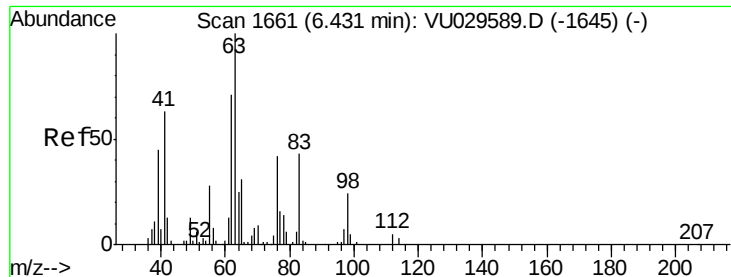
Tgt Ion: 83 Resp: 7893
Ion Ratio Lower Upper
83 100
85 71.1 45.6 84.6



#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU029597.D
Acq: 21 Feb 2019 15:00

Tgt Ion: 83 Resp: 19831
Ion Ratio Lower Upper
83 100
55 0.8 56.5 84.7#
98 1.1 39.4 59.2#





#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.11 min

Lab File: VU029597.D

Acq: 21 Feb 2019 15:00

Instrument :

MSVOA_U

ClientSampleId :

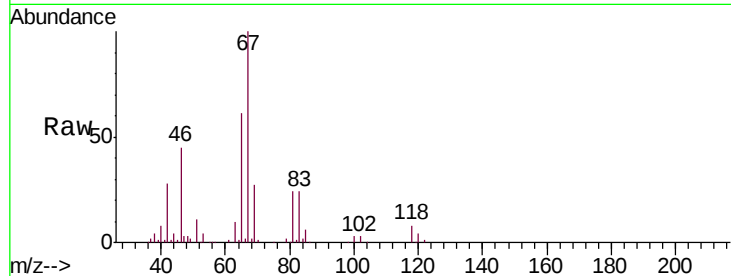
C0TS0

Tgt Ion: 63 Resp: 8722

Ion Ratio Lower Upper

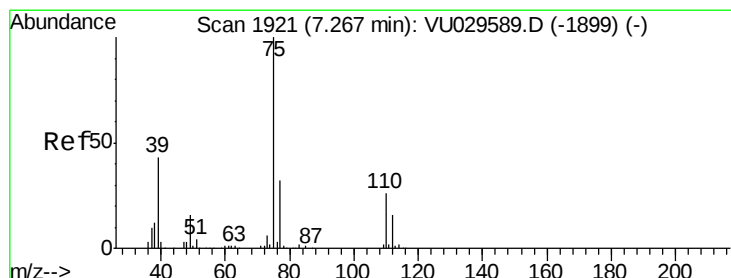
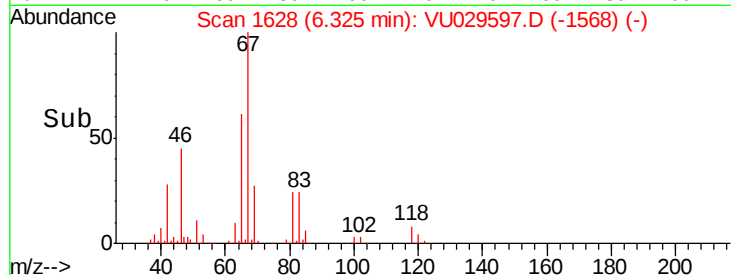
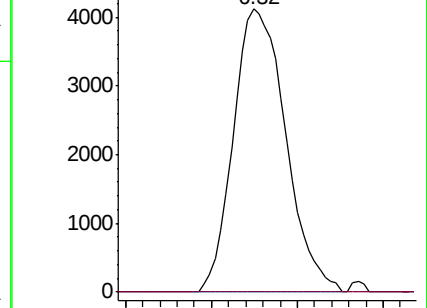
63 100

112 0.0 3.6 5.4#



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: 0.111 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU029597.D

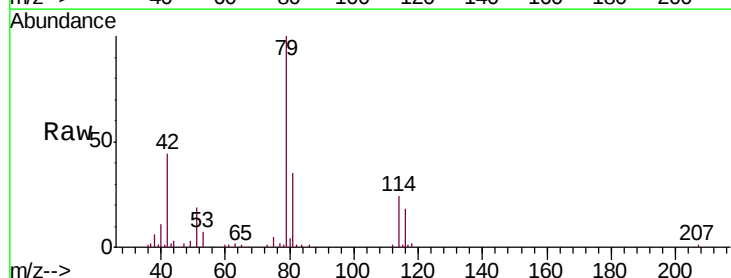
Acq: 21 Feb 2019 15:00

Tgt Ion: 75 Resp: 2547

Ion Ratio Lower Upper

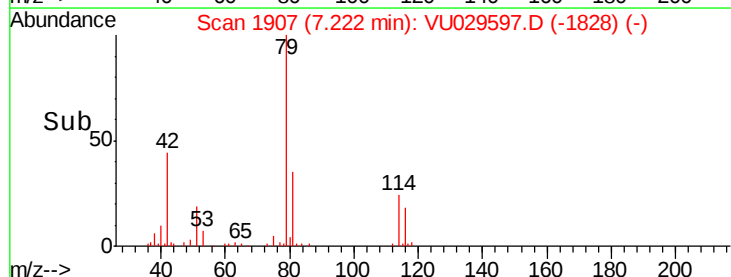
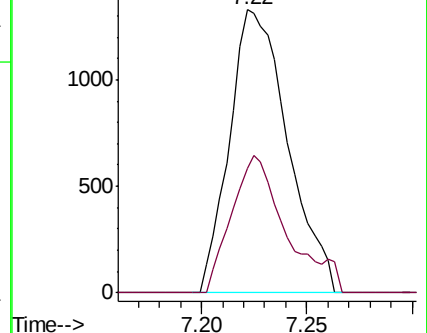
75 100

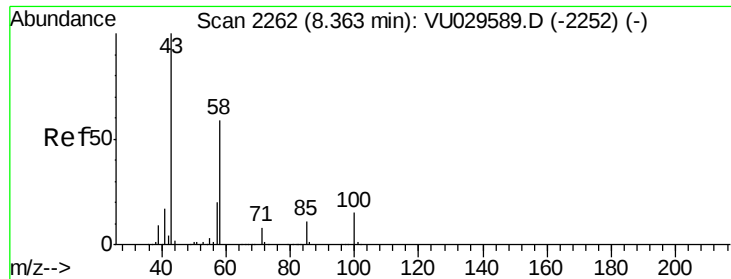
77 43.9 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

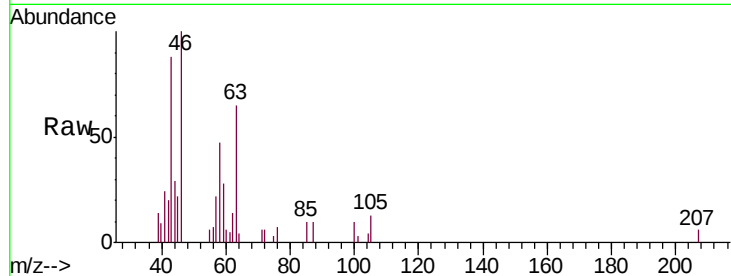




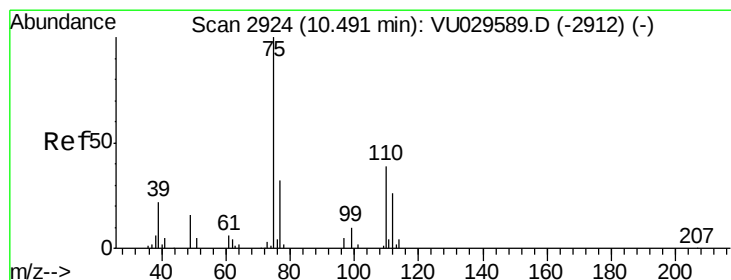
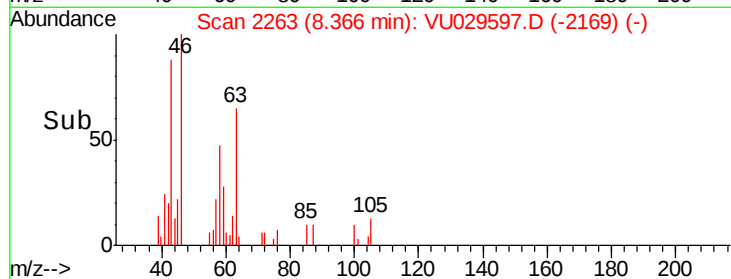
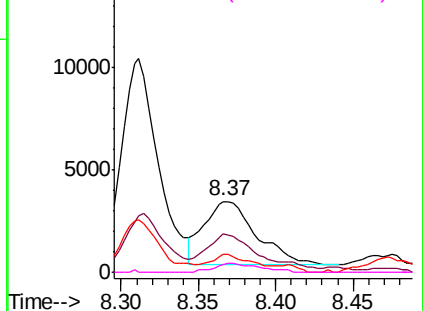
#48
 2-Hexanone
 Concen: 1.136 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VU029597.D
 Acq: 21 Feb 2019 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TS0

Tgt Ion: 43 Resp: 7343
 Ion Ratio Lower Upper
 43 100
 58 63.7 46.6 69.8
 57 22.0 15.9 23.9
 100 12.1 11.4 17.2

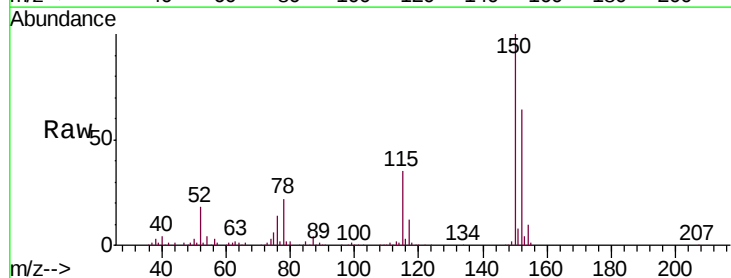


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.221 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU029597.D
 Acq: 21 Feb 2019 15:00

Tgt Ion: 75 Resp: 12827
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

