

Data File : VU029471.D
Acq On : 14 Feb 2019 21:30
Operator : JC/SP
Sample : K1438-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXC3

Quant Time: Feb 15 01:59:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 15 01:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	188661	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	175294	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47652	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.68	69	47249	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.27	63	79714	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.19	46	130656	49.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.16%
24) Chloroform-d	4.65	84	92163	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.31	65	48224	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.34	84	192006	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.33	67	58736	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.56	98	180552	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.85	79	22004	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.31	63	135711	52.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	51232	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	80500	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

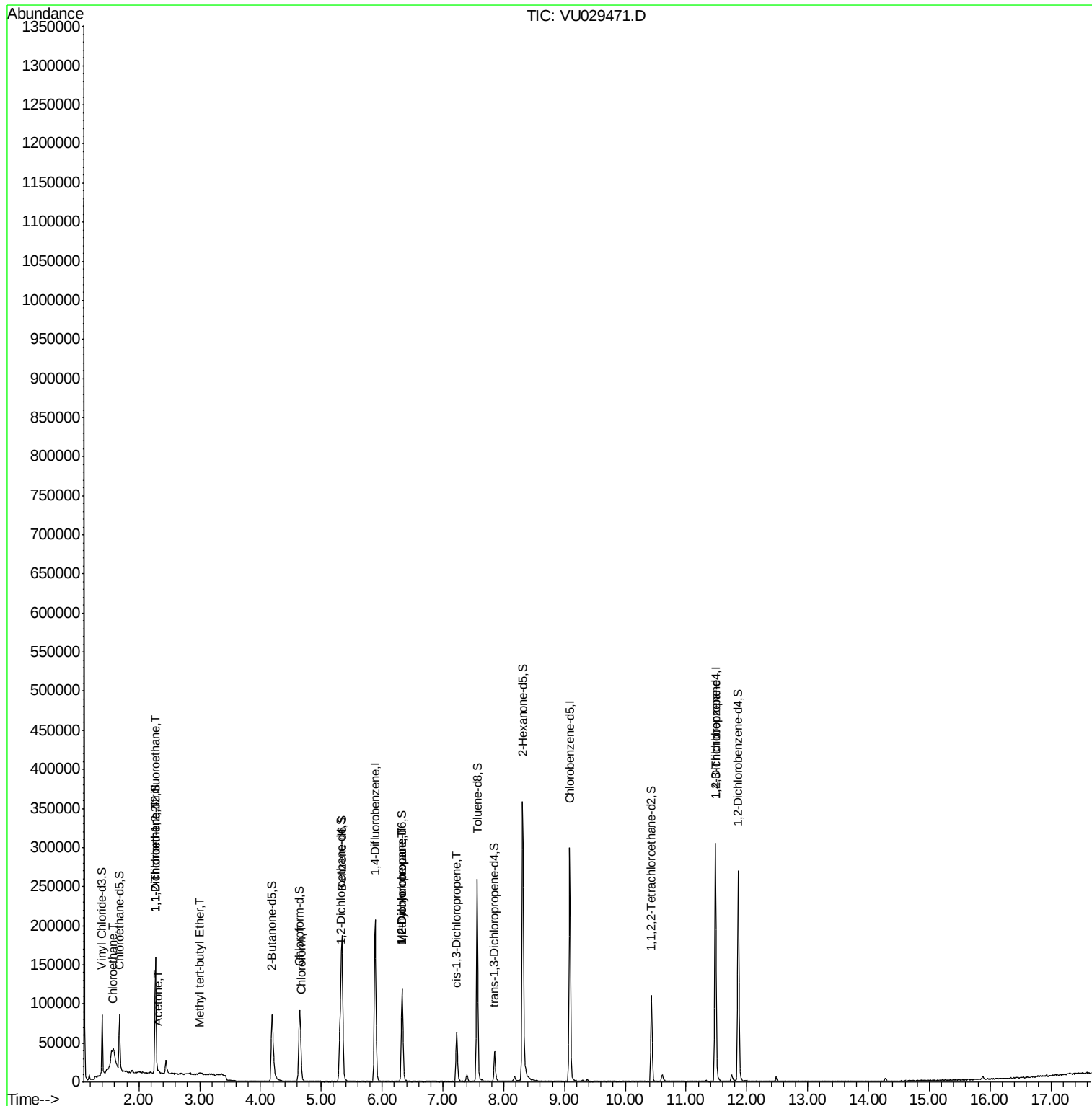
					Qvalue	
8) Chloroethane	1.58	64	89619	7.575	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	767	0.047	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	903	0.058	ug/L #	1
13) Acetone	2.32	43	2637	1.101	ug/L	71
17) Methyl tert-butyl Ether	3.00	73	2195	0.056	ug/L #	80
25) Chloroform	4.67	83	3095	0.124	ug/L	91
35) Methylcyclohexane	6.33	83	14247	0.584	ug/L #	22
37) 1,2-Dichloropropane	6.33	63	6274	0.485	ug/L #	87
39) cis-1,3-Dichloropropene	7.22	75	1534	0.075	ug/L #	52
59) 1,2,3-Trichloropropane	11.48	75	8708	1.050	ug/L	97

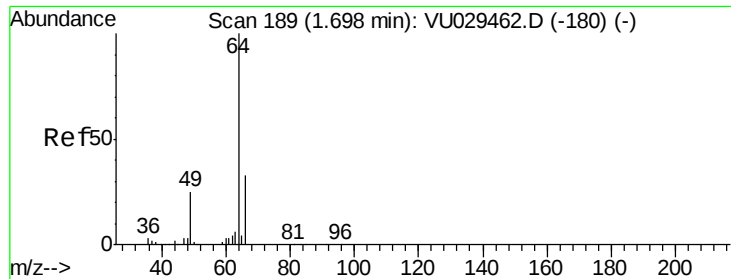
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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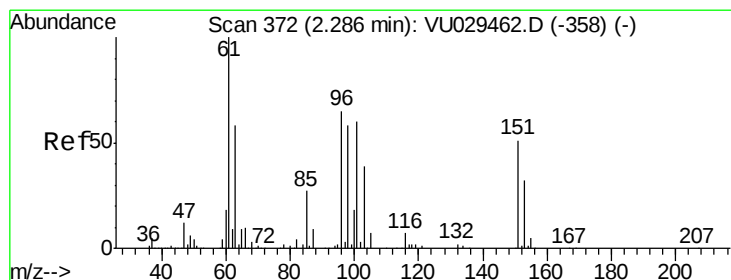
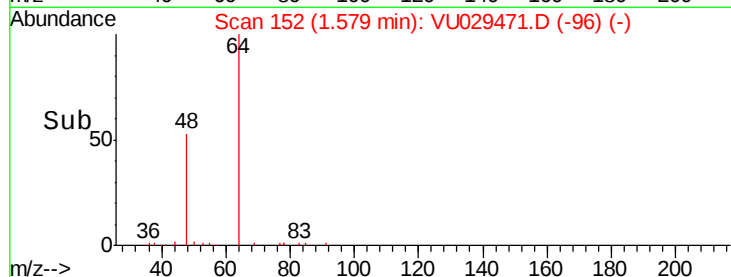
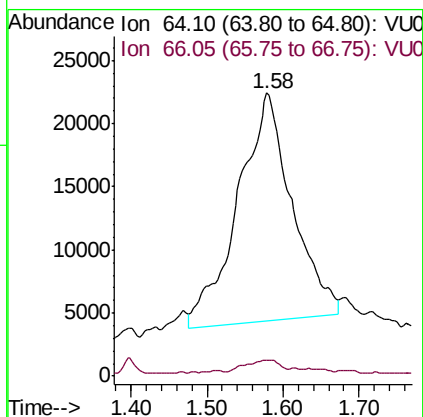
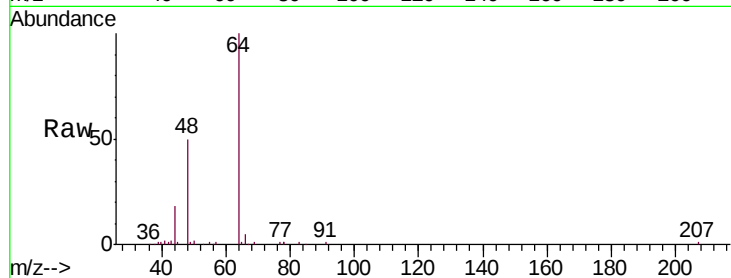




#8
Chloroethane
Concen: 7.575 ug/L
RT: 1.58 min Scan# 152
Delta R.T. -0.12 min
Lab File: VU029471.D
Acq: 14 Feb 2019 21:30

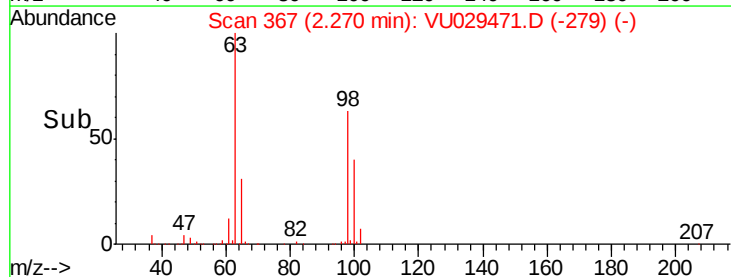
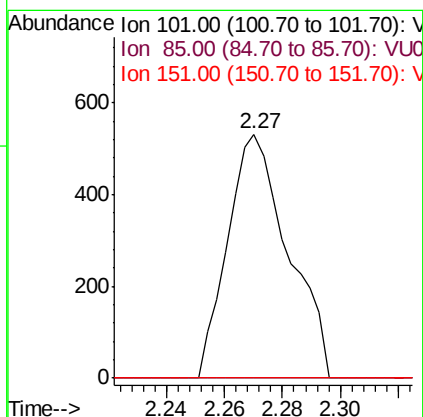
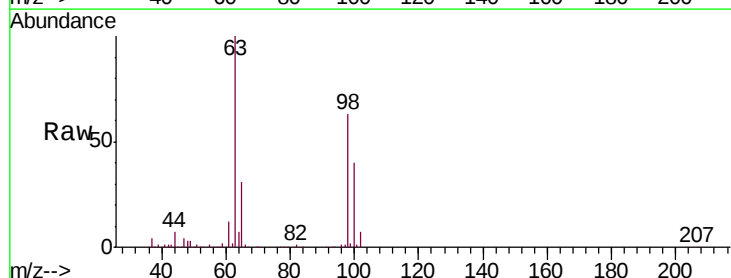
Instrument :
MSVOA_U
ClientSampled :
ESXC3

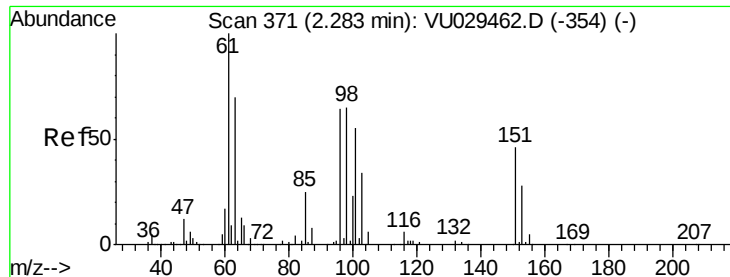
Tgt Ion: 64 Resp: 89619
Ion Ratio Lower Upper
64 100
66 5.4 22.0 40.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.047 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU029471.D
Acq: 14 Feb 2019 21:30

Tgt Ion: 101 Resp: 767
Ion Ratio Lower Upper
101 100
85 2.5 35.1 52.7#
151 0.0 67.0 100.6#





#12

1,1-Dichloroethene

Concen: 0.058 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029471.D

Acq: 14 Feb 2019 21:30

Instrument :

MSVOA_U

ClientSampled :

ESXC3

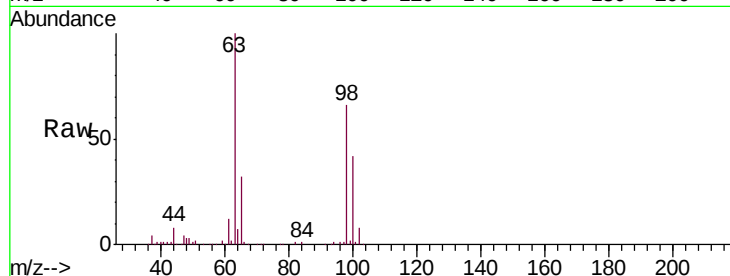
Tgt Ion: 96 Resp: 903

Ion Ratio Lower Upper

96 100

61 1080.4 115.1 213.7#

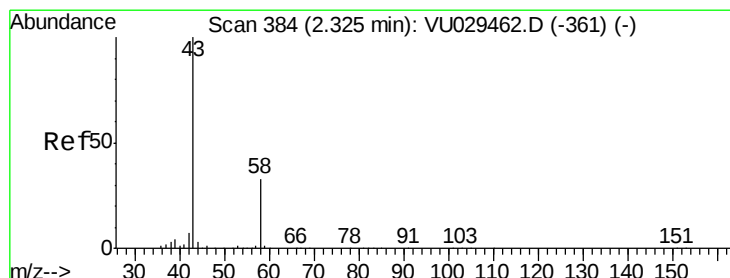
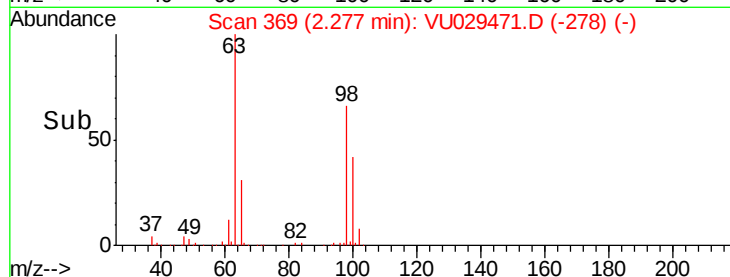
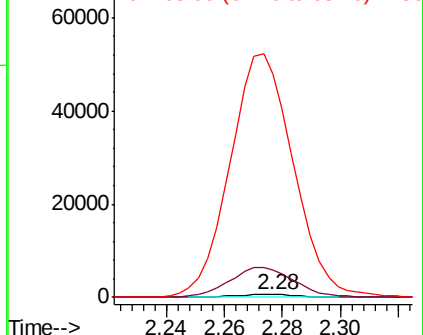
63 8706.9 83.5 155.1#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.101 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029471.D

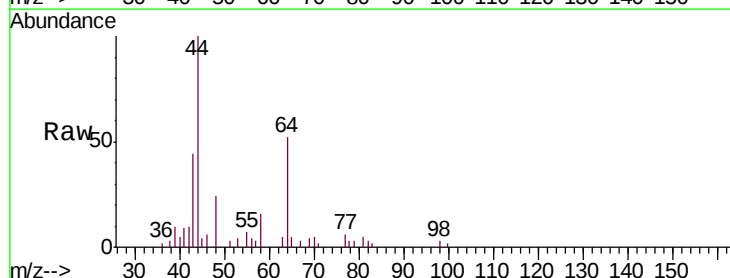
Acq: 14 Feb 2019 21:30

Tgt Ion: 43 Resp: 2637

Ion Ratio Lower Upper

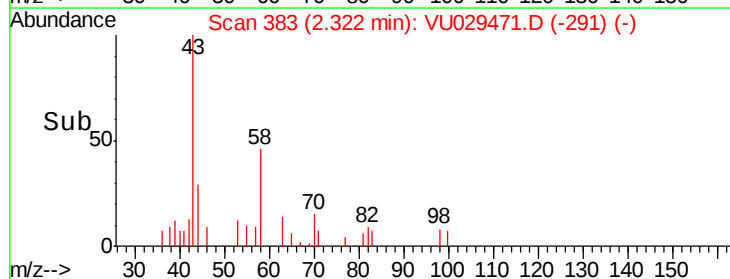
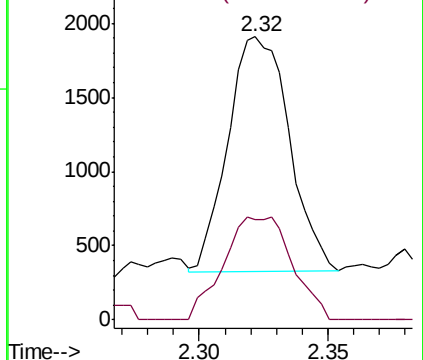
43 100

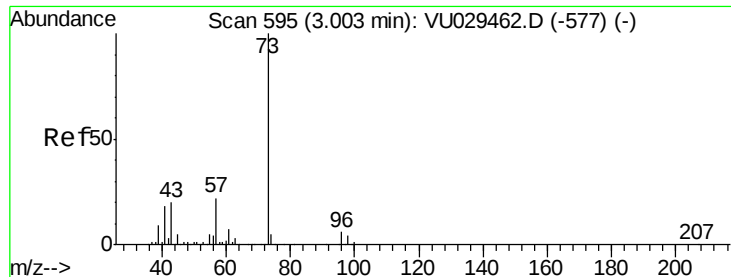
58 48.8 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

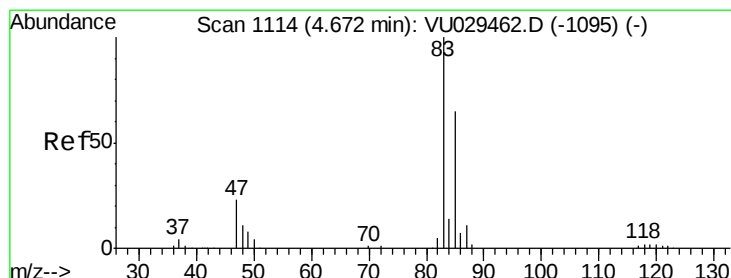
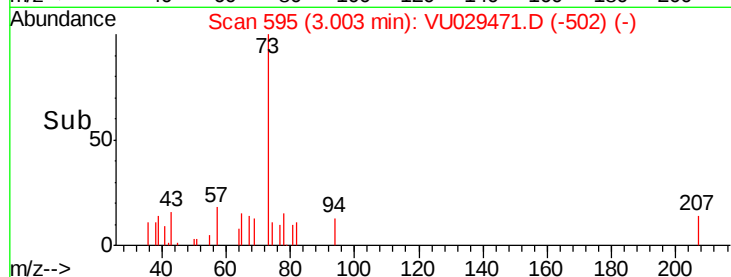
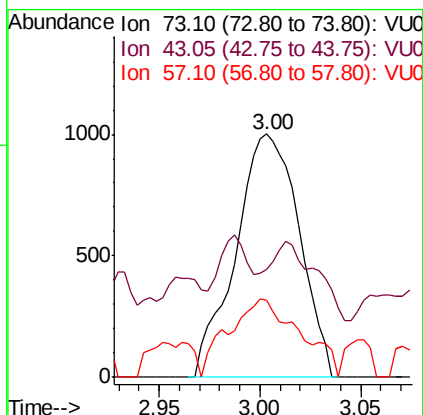
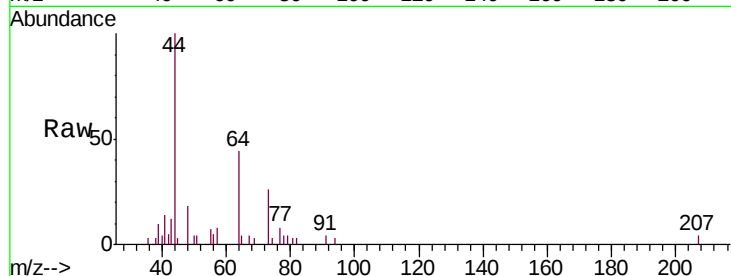




#17
Methyl tert-butyl Ether
Concen: 0.056 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU029471.D
Acq: 14 Feb 2019 21:30

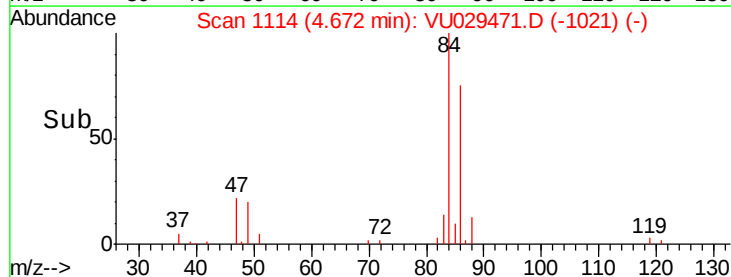
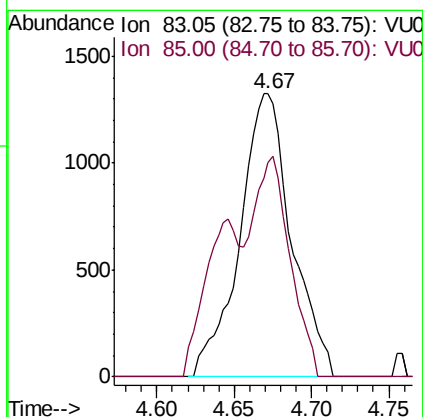
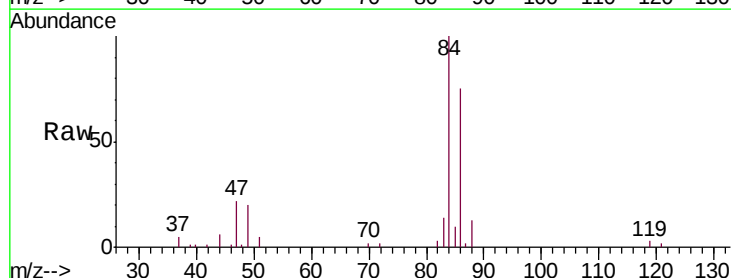
Instrument :
MSVOA_U
ClientSampleId :
ESXC3

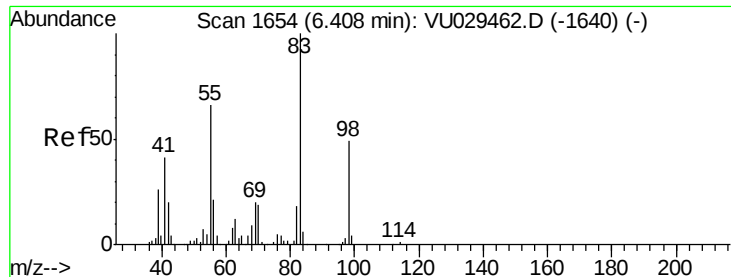
Tgt Ion: 73 Resp: 2195
Ion Ratio Lower Upper
73 100
43 23.1 16.0 24.0
57 36.1 16.9 25.3#



#25
Chloroform
Concen: 0.124 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VU029471.D
Acq: 14 Feb 2019 21:30

Tgt Ion: 83 Resp: 3095
Ion Ratio Lower Upper
83 100
85 75.8 47.8 88.8





#35

Methylcyclohexane

Concen: 0.584 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU029471.D

Acq: 14 Feb 2019 21:30

Instrument :

MSVOA_U

ClientSampleId :

ESXC3

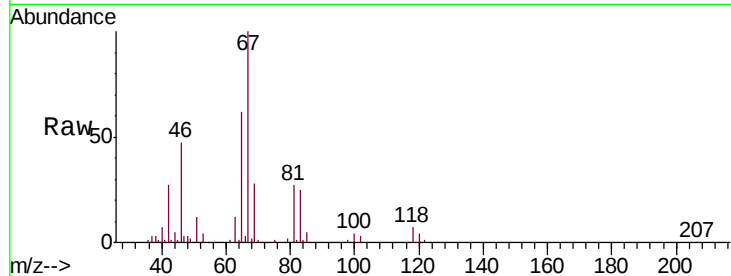
Tgt Ion: 83 Resp: 14247

Ion Ratio Lower Upper

83 100

55 0.5 55.9 83.9#

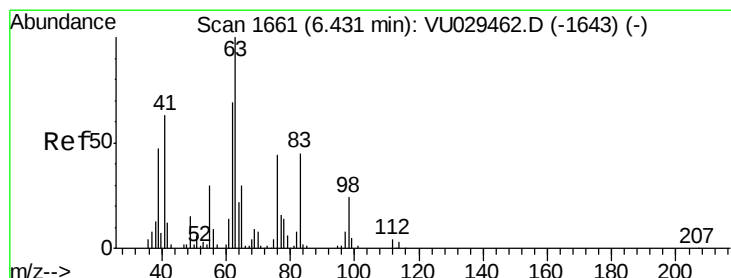
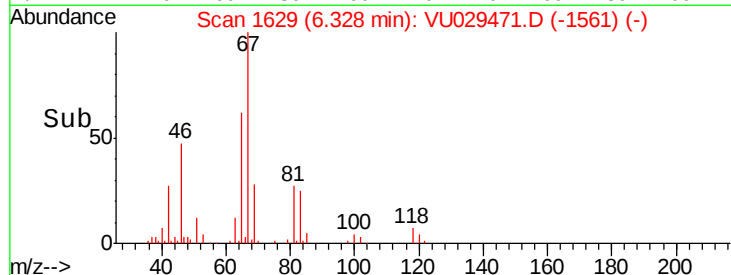
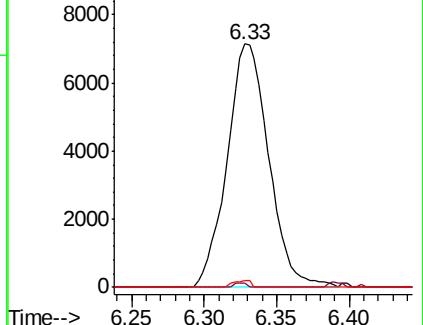
98 1.2 38.6 57.8#



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: 0.485 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU029471.D

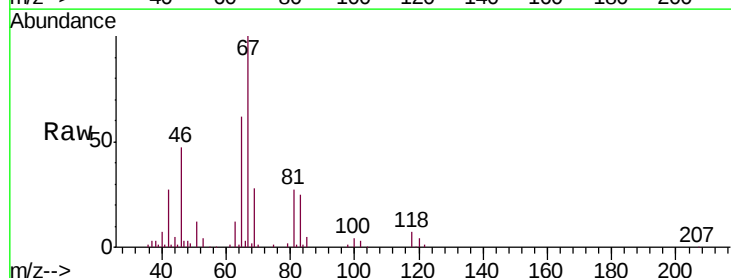
Acq: 14 Feb 2019 21:30

Tgt Ion: 63 Resp: 6274

Ion Ratio Lower Upper

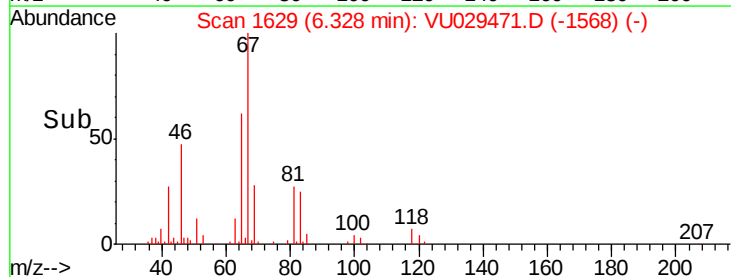
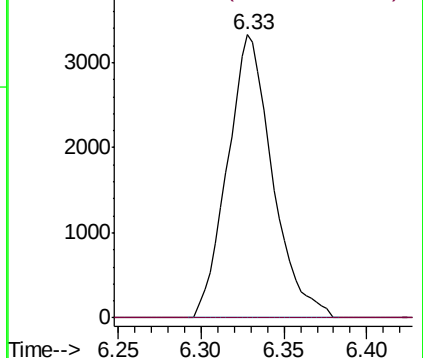
63 100

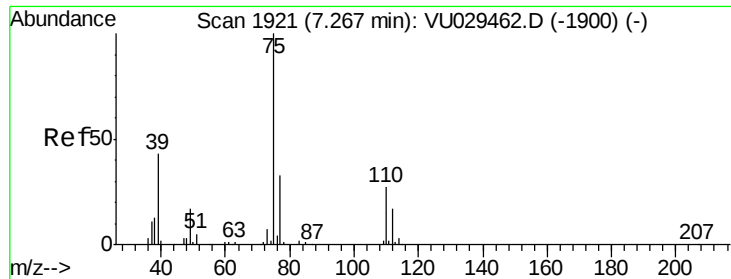
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V



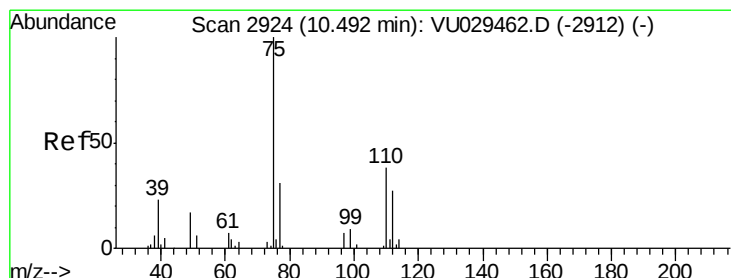
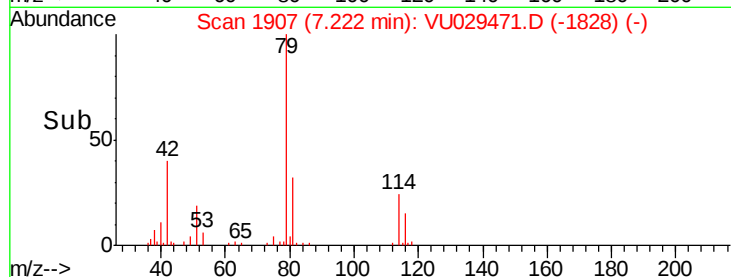
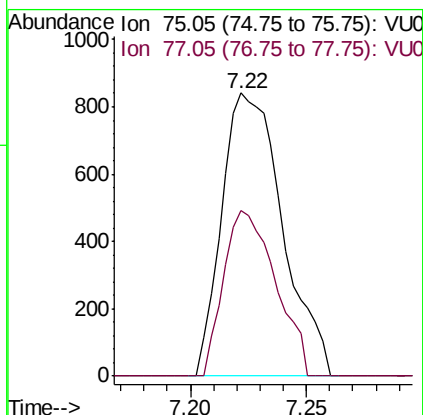
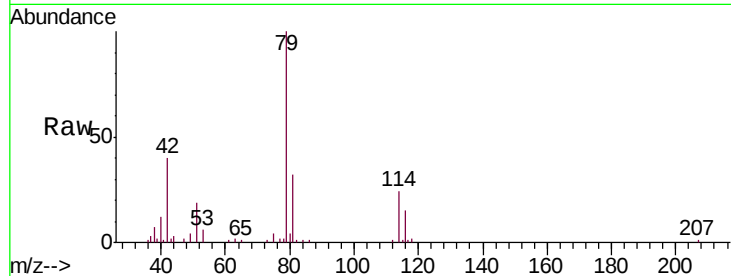


#39

cis-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU029471.D
Acq: 14 Feb 2019 21:30

Instrument :
MSVOA_U
ClientSampleId :
ESXC3

Tgt Ion: 75 Resp: 1534
Ion Ratio Lower Upper
75 100
77 58.5 22.3 41.3#



#59

1,2,3-Trichloropropane
Concen: 1.050 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029471.D
Acq: 14 Feb 2019 21:30

Tgt Ion: 75 Resp: 8708
Ion Ratio Lower Upper
75 100
77 36.7 28.2 42.2

