

Data File : VU029469.D
Acq On : 14 Feb 2019 20:43
Operator : JC/SP
Sample : K1438-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ESXC1

Quant Time: Feb 15 01:58:43 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	190405	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	178767	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47515	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.68	69	46604	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.27	63	79170	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.19	46	132420	49.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.56%
24) Chloroform-d	4.65	84	93162	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.31	65	49183	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.34	84	189883	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.33	67	58566	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.56	98	177856	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	7.85	79	23703	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.31	63	134348	51.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50860	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	79314	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

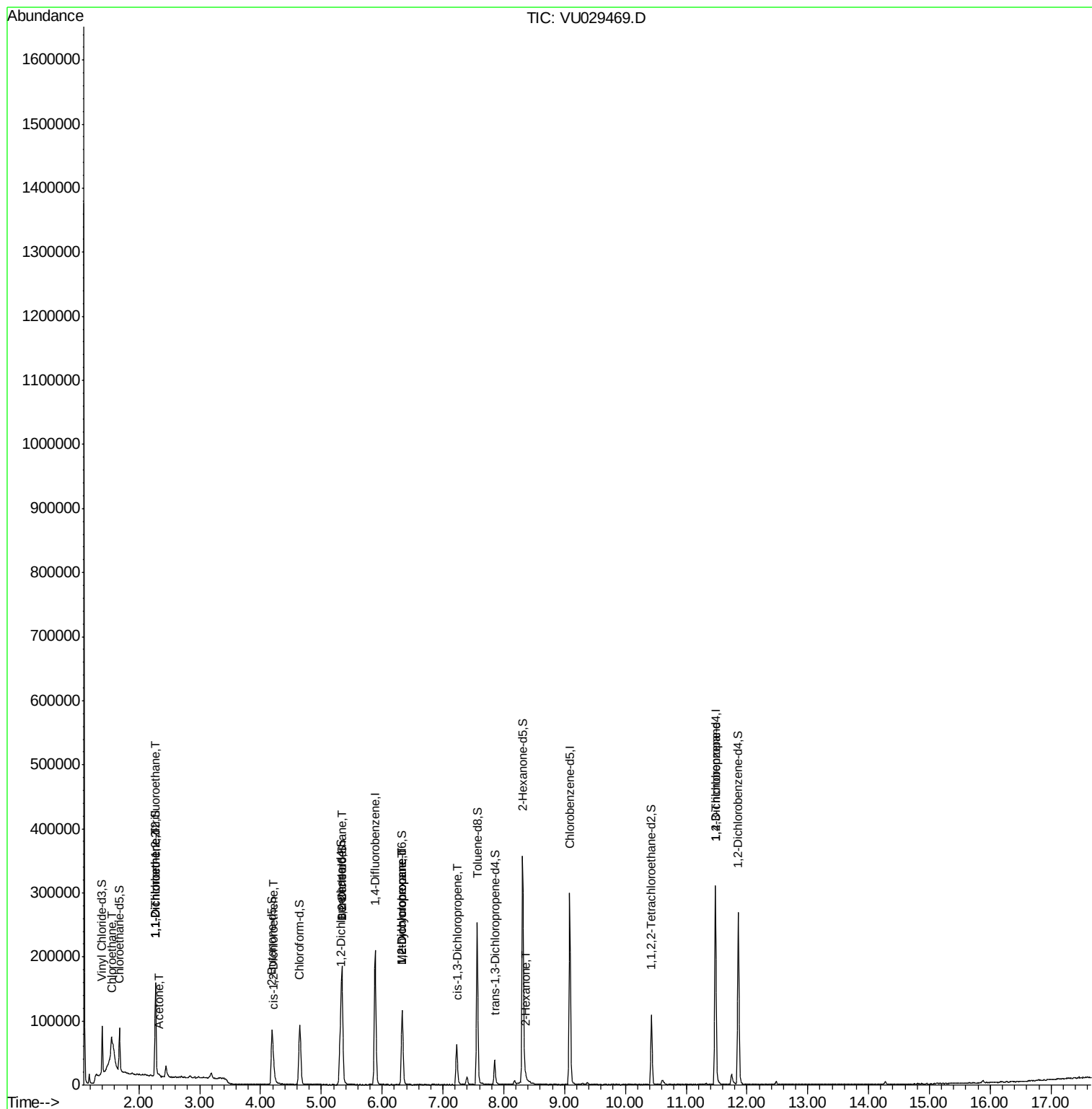
						Qvalue
8) Chloroethane	1.55	64	162913	13.644	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	820	0.050	ug/L #	19
12) 1,1-Dichloroethene	2.28	96	835	0.053	ug/L #	1
13) Acetone	2.32	43	3334	1.380	ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	2625	0.171	ug/L	98
27) 1,2-Dichloroethane	5.34	62	824	0.057	ug/L #	72
35) Methylcyclohexane	6.33	83	13870	0.557	ug/L #	21
37) 1,2-Dichloropropane	6.33	63	6287	0.477	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1661	0.080	ug/L #	77
48) 2-Hexanone	8.36	43	1477	0.267	ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	9055	1.071	ug/L	95

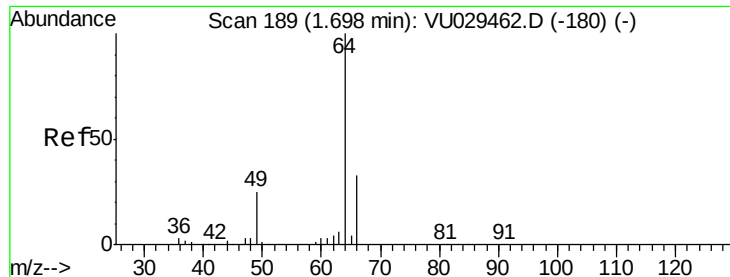
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 13.644 ug/L

RT: 1.55 min Scan# 143

Delta R.T. -0.15 min

Lab File: VU029469.D

Acq: 14 Feb 2019 20:43

Instrument :

MSVOA_U

ClientSampled :

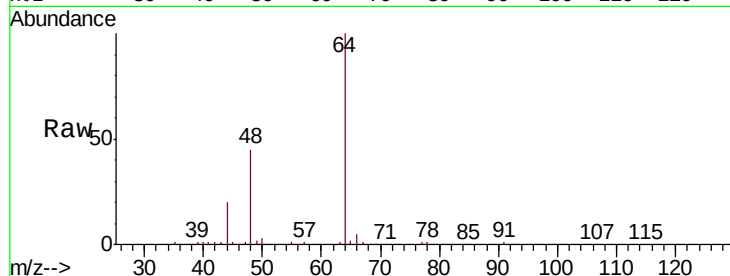
ESXC1

Tgt Ion: 64 Resp: 162913

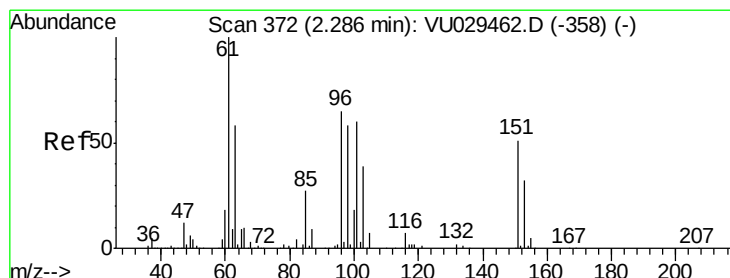
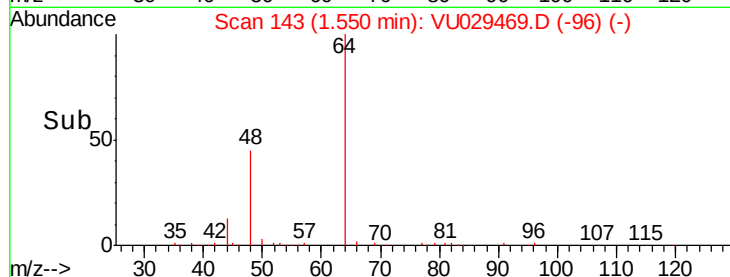
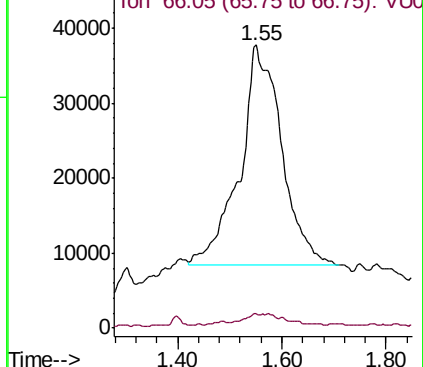
Ion Ratio Lower Upper

64 100

66 5.3 22.0 40.8#



Abundance Ion 64.10 (63.80 to 64.80): VU029462.D (-180) (-)



#10

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

Concen: 0.050 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029469.D

Acq: 14 Feb 2019 20:43

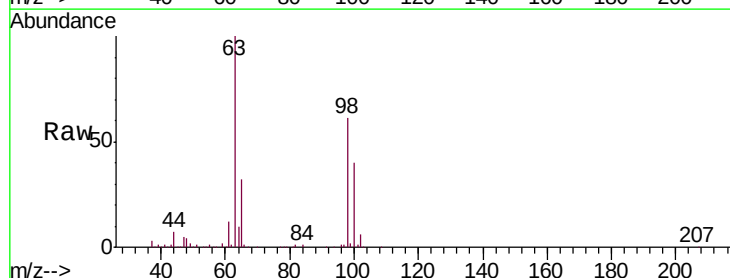
Tgt Ion: 101 Resp: 820

Ion Ratio Lower Upper

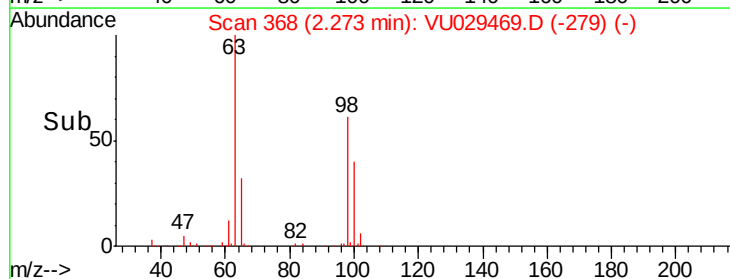
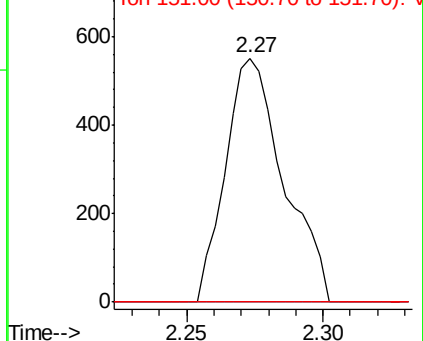
101 100

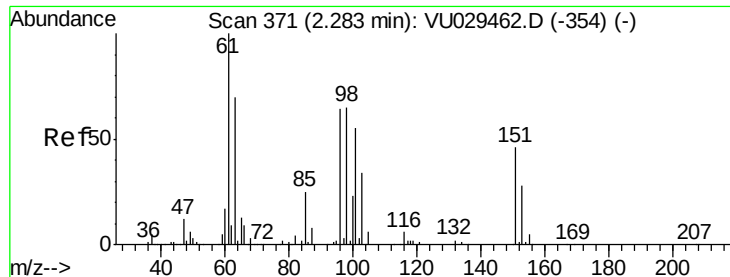
85 5.4 35.1 52.7#

151 0.0 67.0 100.6#



Abundance Ion 101.00 (100.70 to 101.70): VU029462.D (-358) (-)





#12

1,1-Dichloroethene

Concen: 0.053 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.01 min

Lab File: VU029469.D

Acq: 14 Feb 2019 20:43

Instrument :

MSVOA_U

ClientSampleId :

ESXC1

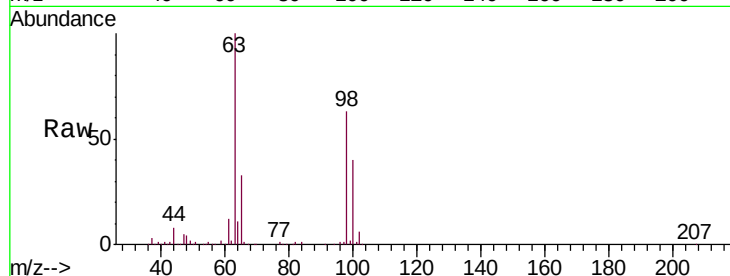
Tgt Ion: 96 Resp: 835

Ion Ratio Lower Upper

96 100

61 1442.3 115.1 213.7#

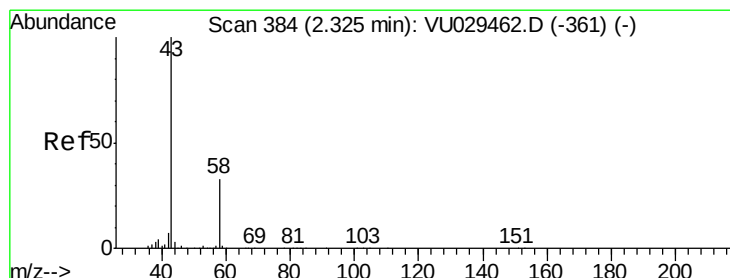
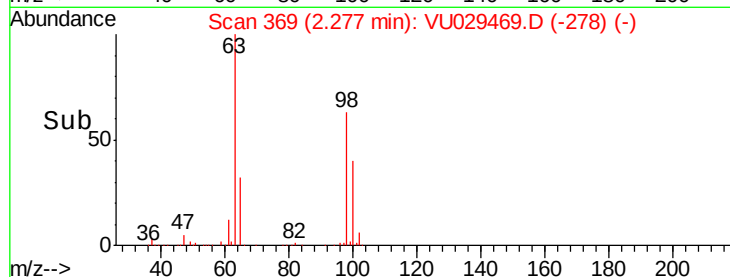
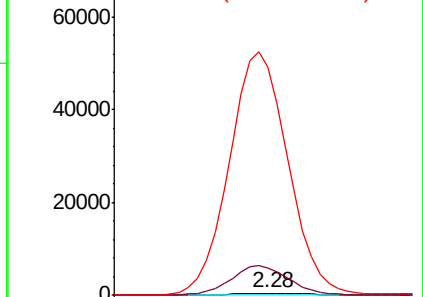
63 11803.8 83.5 155.1#



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: 1.380 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VU029469.D

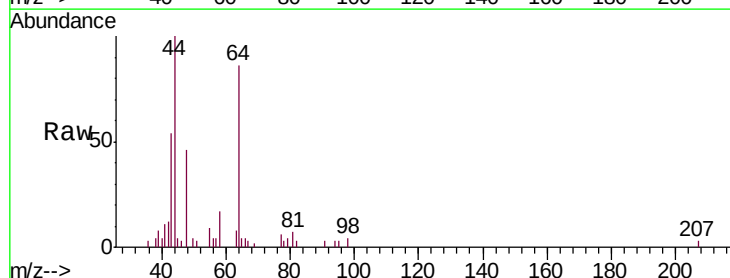
Acq: 14 Feb 2019 20:43

Tgt Ion: 43 Resp: 3334

Ion Ratio Lower Upper

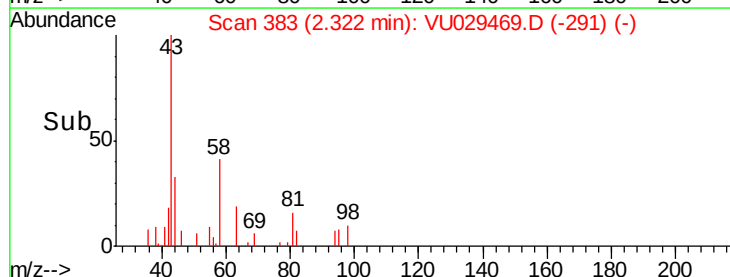
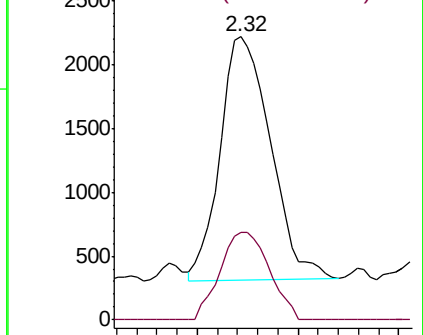
43 100

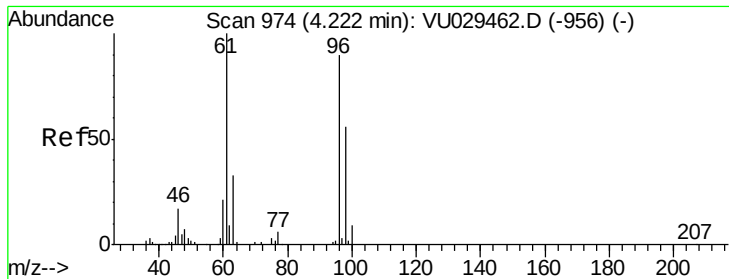
58 35.2 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



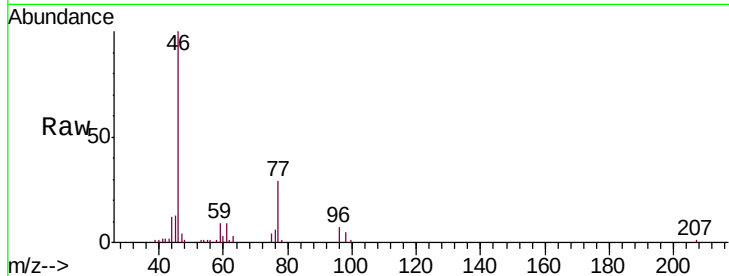


#22

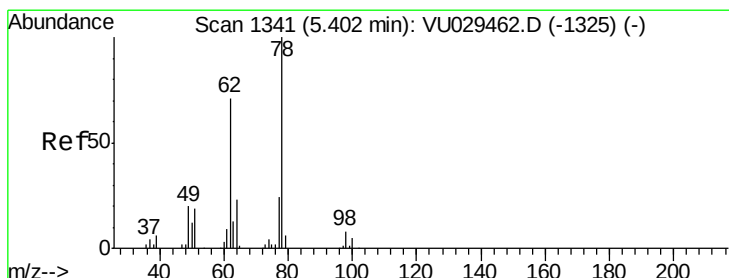
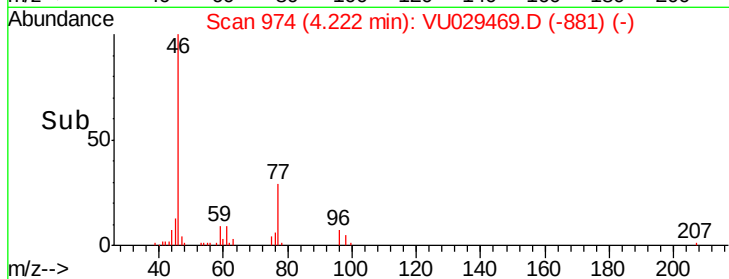
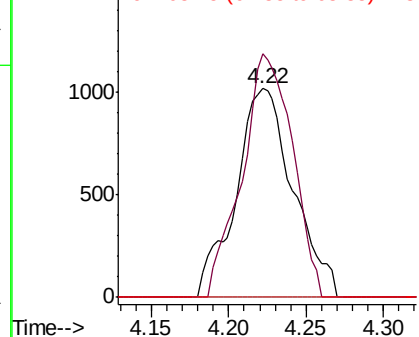
cis-1,2-Dichloroethene
 Concen: 0.171 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU029469.D
 Acq: 14 Feb 2019 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXC1

Tgt Ion: 96 Resp: 2625
 Ion Ratio Lower Upper
 96 100
 61 116.7 79.9 148.5
 68 0.0 0.0 0.0



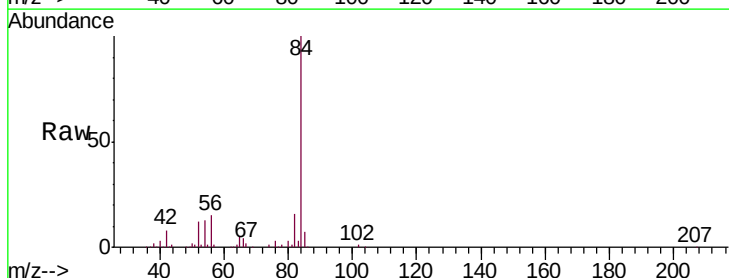
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



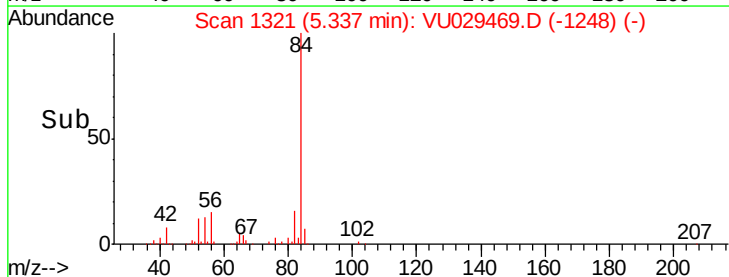
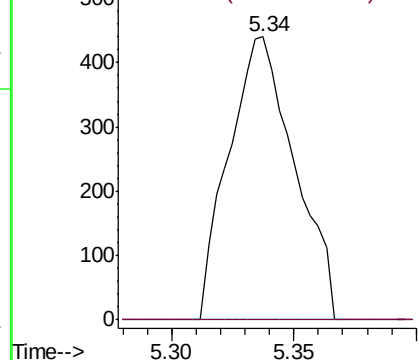
#27

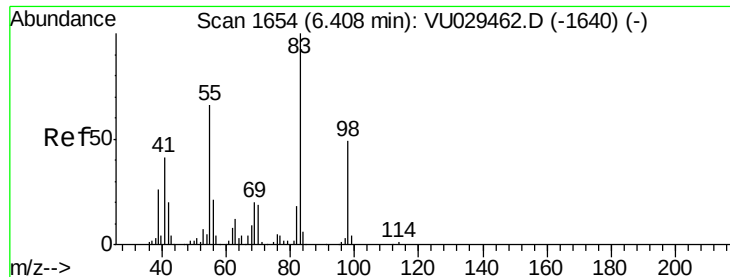
1,2-Dichloroethane
 Concen: 0.057 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU029469.D
 Acq: 14 Feb 2019 20:43

Tgt Ion: 62 Resp: 824
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.05 (97.75 to 98.75): VU0

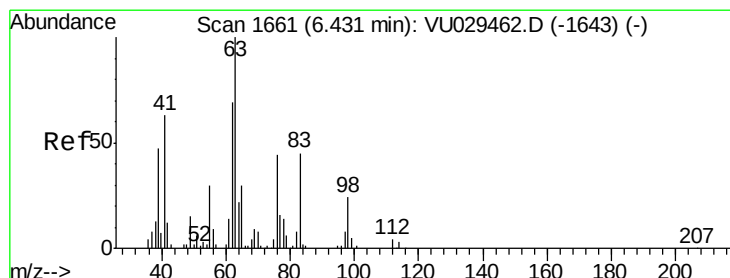
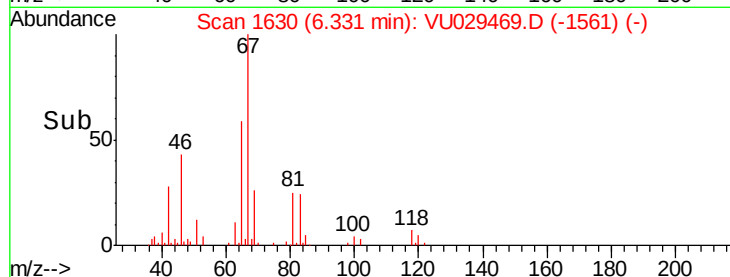
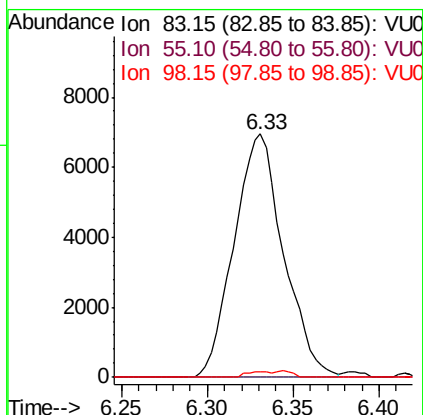
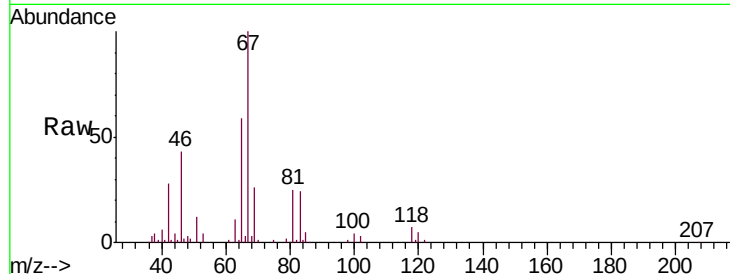




#35
Methylcyclohexane
Concen: 0.557 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.08 min
Lab File: VU029469.D
Acq: 14 Feb 2019 20:43

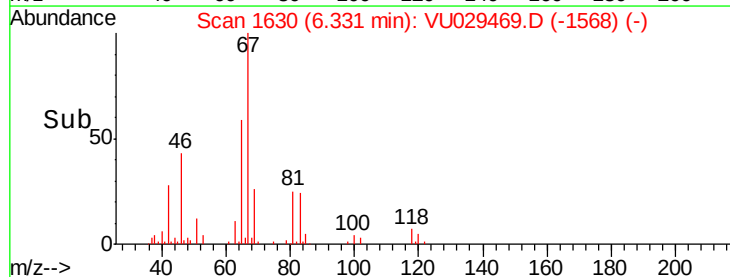
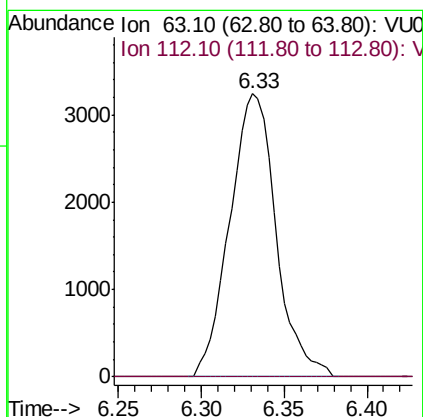
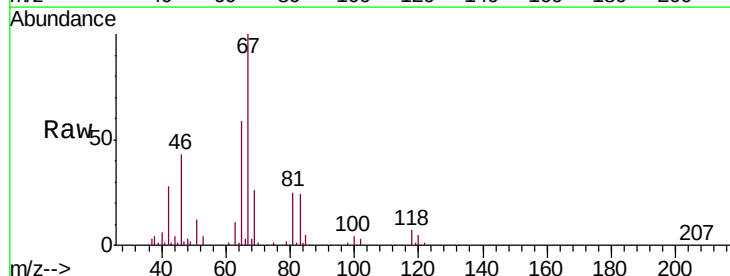
Instrument :
MSVOA_U
ClientSampleId :
ESXC1

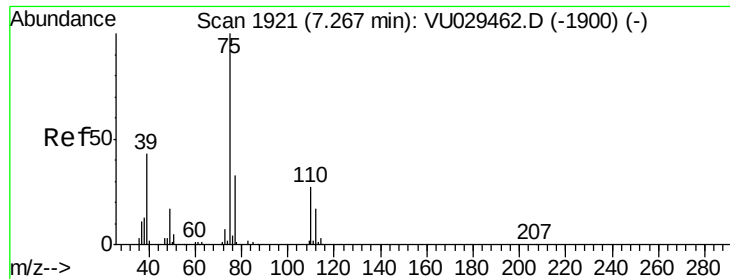
Tgt Ion: 83 Resp: 13870
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 1.2 38.6 57.8#



#37
1,2-Dichloropropane
Concen: 0.477 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.10 min
Lab File: VU029469.D
Acq: 14 Feb 2019 20:43

Tgt Ion: 63 Resp: 6287
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



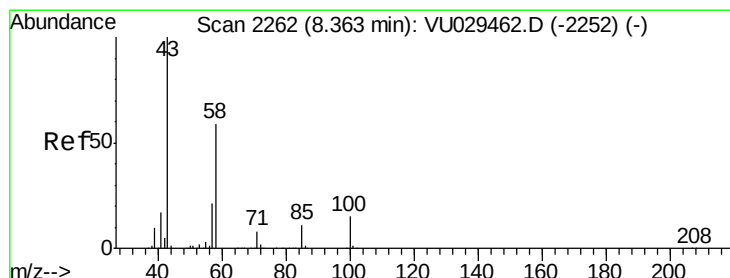
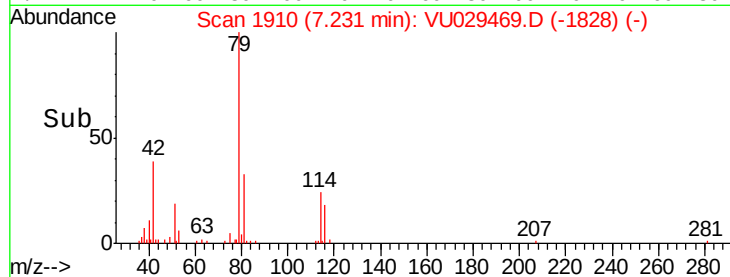
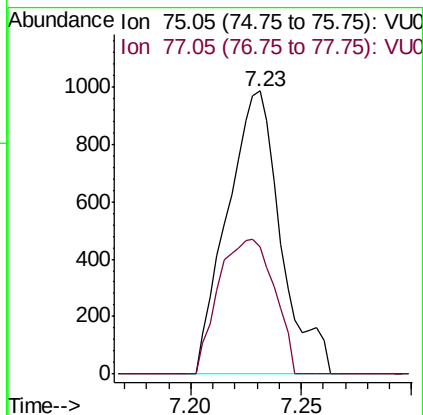
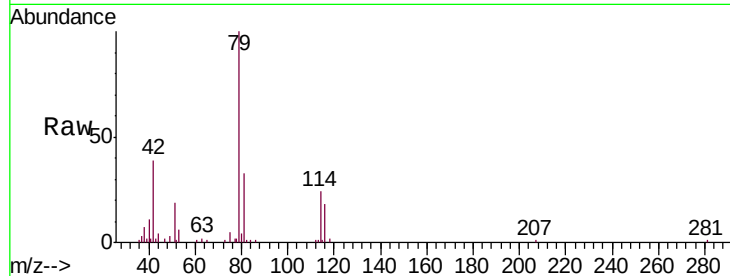


#39

cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. -0.04 min
 Lab File: VU029469.D
 Acq: 14 Feb 2019 20:43

Instrument :
 MSVOA_U
 ClientSampled :
 ESXC1

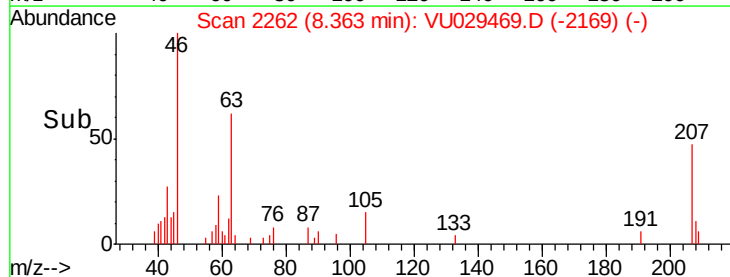
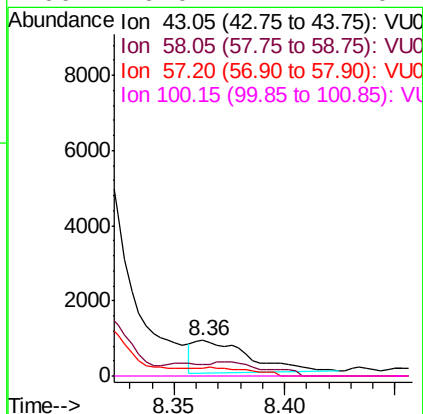
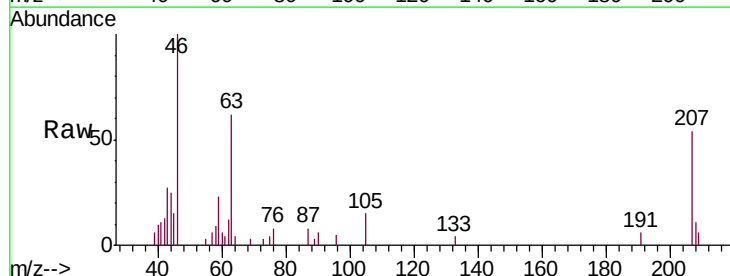
Tgt Ion: 75 Resp: 1661
 Ion Ratio Lower Upper
 75 100
 77 44.8 22.3 41.3#

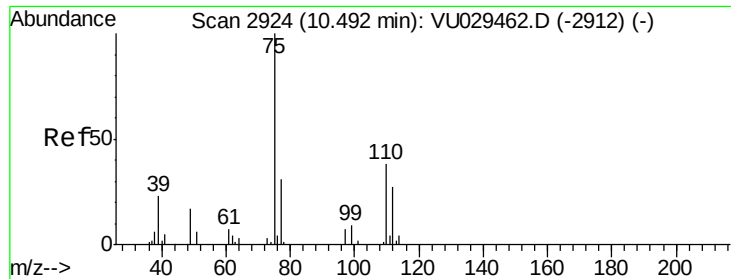


#48

2-Hexanone
 Concen: 0.267 ug/L
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029469.D
 Acq: 14 Feb 2019 20:43

Tgt Ion: 43 Resp: 1477
 Ion Ratio Lower Upper
 43 100
 58 15.6 45.7 68.5#
 57 23.4 16.4 24.6
 100 0.0 11.1 16.7#





#59
 1,2,3-Trichloropropane
 Concen: 1.071 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029469.D
 Acq: 14 Feb 2019 20:43

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXC1

Tgt Ion: 75 Resp: 9055
 Ion Ratio Lower Upper
 75 100
 77 38.1 28.2 42.2

