

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010419\
 Data File : VU029018.D
 Acq On : 04 Jan 2019 11:04
 Operator : MD/SY
 Sample : K1045-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEJF1

Quant Time: Jan 04 22:44:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 04 22:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	90359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	88274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	21922	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.68	69	20270	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.27	63	32392	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.20	46	72414	57.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.60%
24) Chloroform-d	4.65	84	47460	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.31	65	24159	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.34	84	95016	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.33	67	33500	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	82560	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.85	79	11677	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.31	63	58415	51.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	27114	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	31122	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

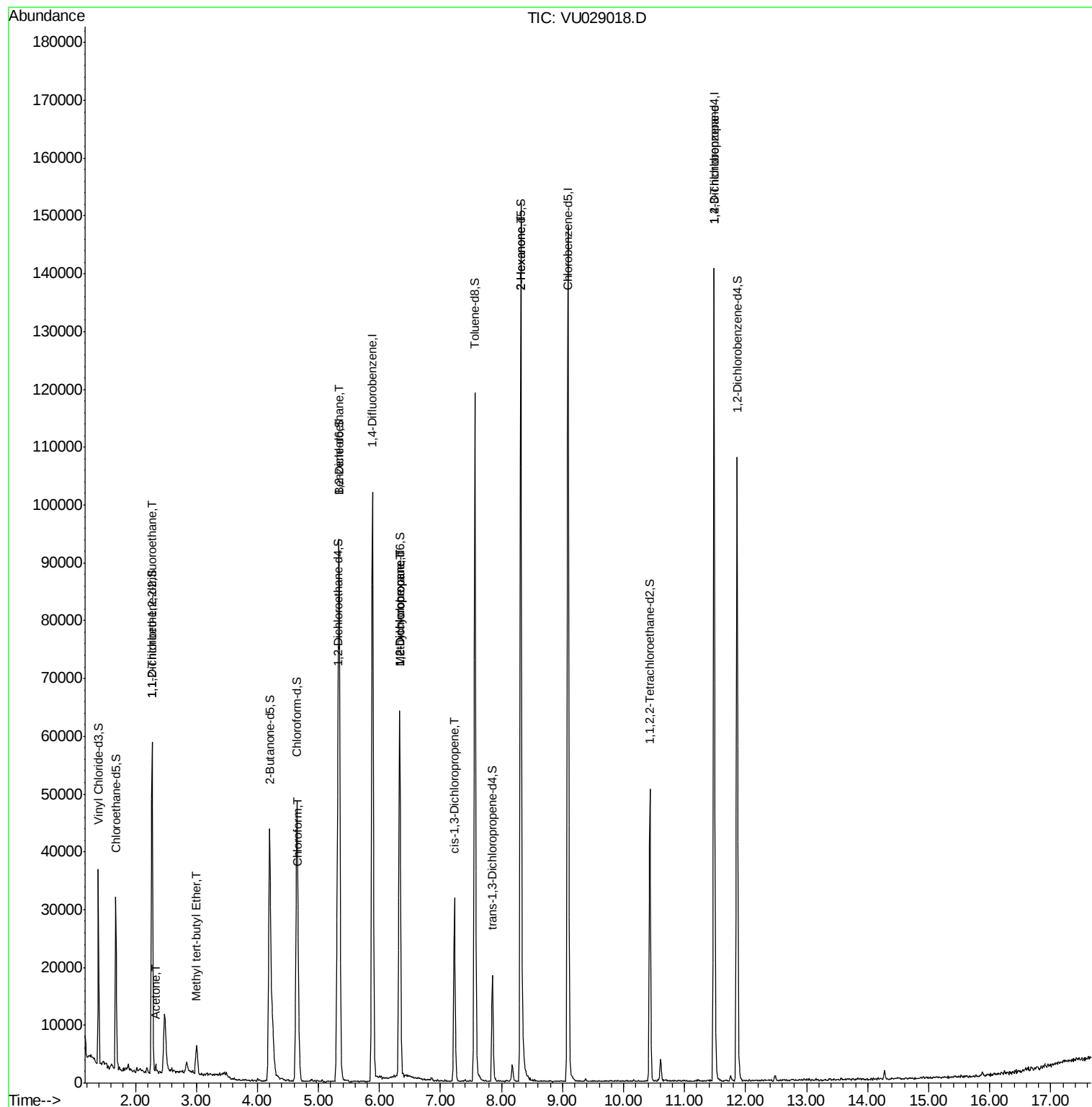
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	282	0.042	ug/L #	19
13) Acetone	2.33	43	685	0.671	ug/L	61
17) Methyl tert-butyl Ether	3.00	73	5168	0.325	ug/L #	90
25) Chloroform	4.67	83	8025	0.700	ug/L	93
27) 1,2-Dichloroethane	5.33	62	366	0.054	ug/L #	73
35) Methylcyclohexane	6.33	83	7243	0.584	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	3120	0.434	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	661	0.064	ug/L #	53
48) 2-Hexanone	8.31	43	6126	2.314	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	4950	1.181	ug/L	98

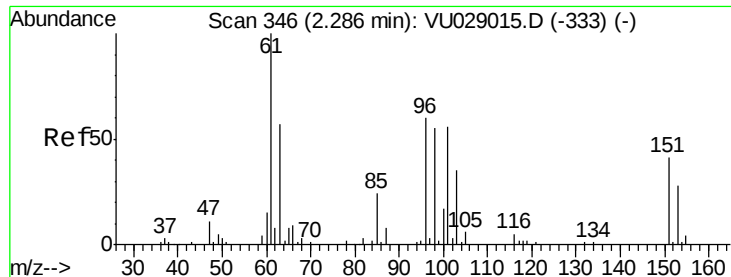
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.042 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU029018.D

Acq: 04 Jan 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

BEJF1

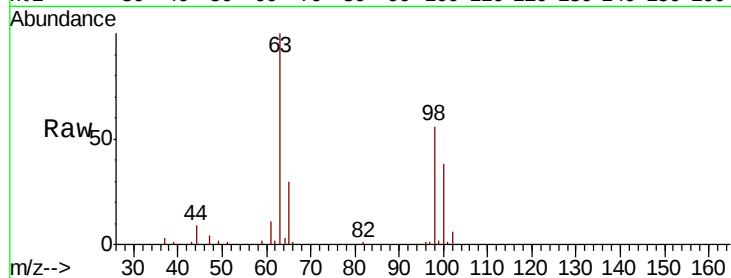
Tgt Ion:101 Resp: 282

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

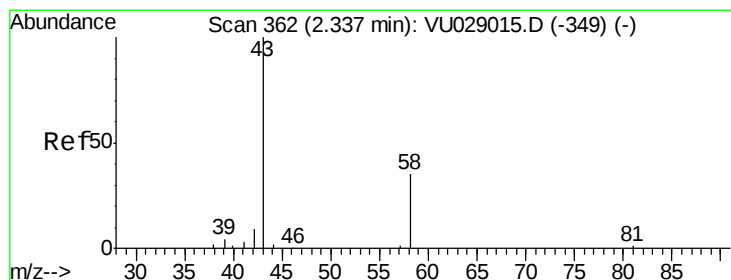
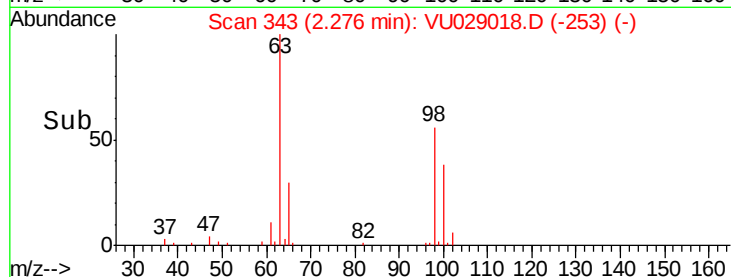
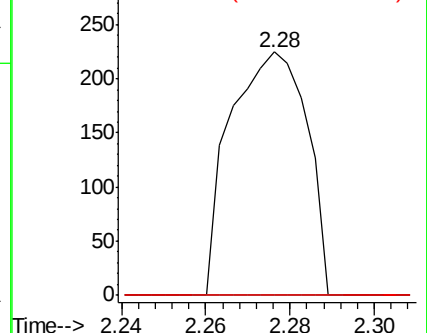
151 0.0 60.9 91.3#



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: 0.671 ug/L

RT: 2.33 min Scan# 359

Delta R.T. -0.01 min

Lab File: VU029018.D

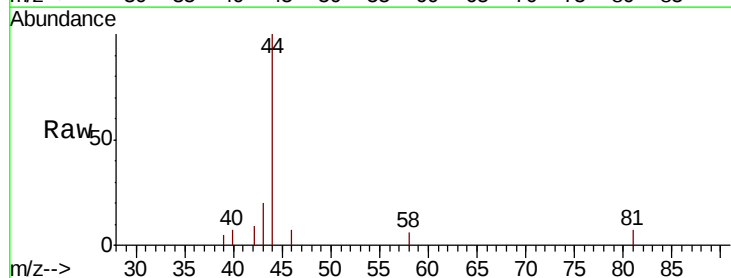
Acq: 04 Jan 2019 11:04

Tgt Ion: 43 Resp: 685

Ion Ratio Lower Upper

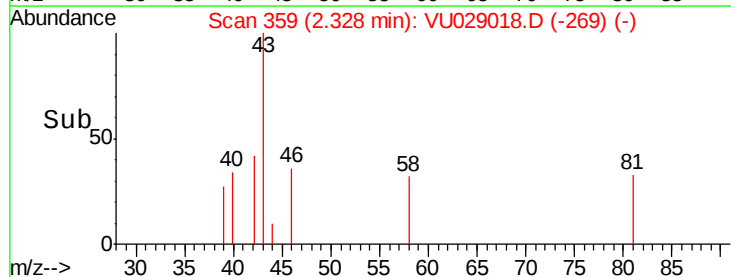
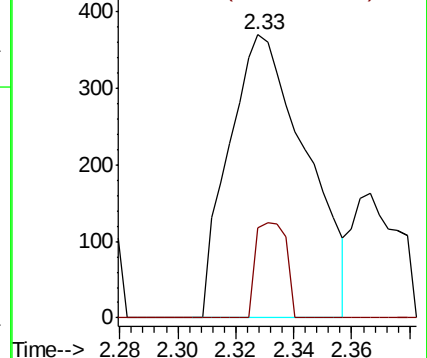
43 100

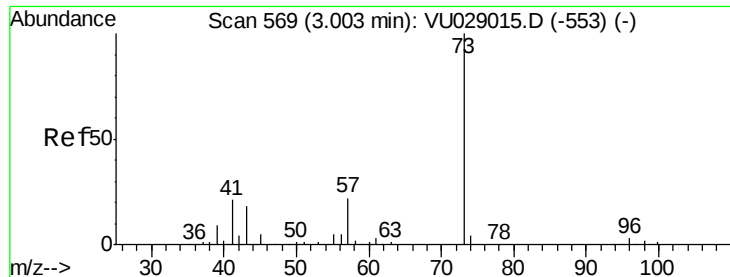
58 13.3 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

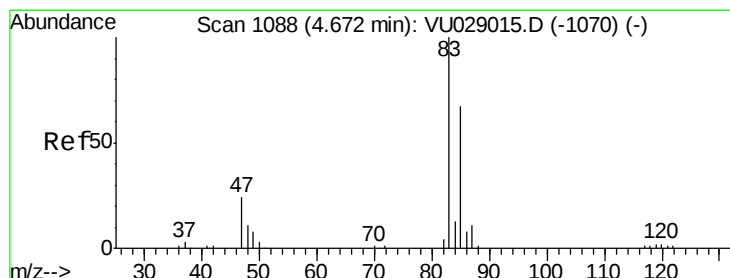
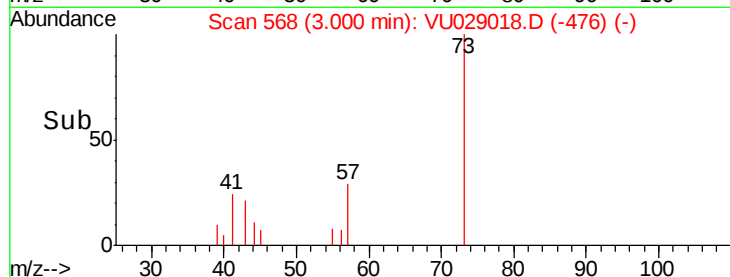
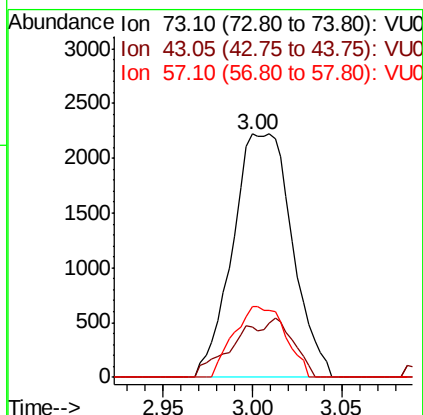
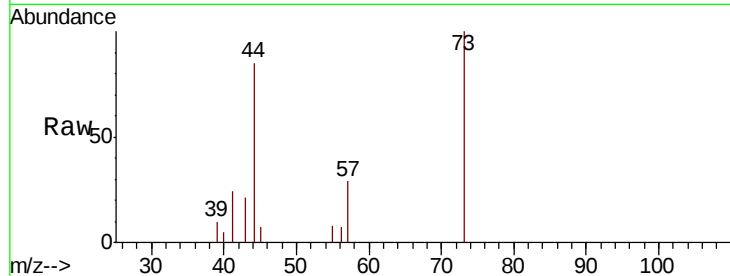




#17
Methyl tert-butyl Ether
Concen: 0.325 ug/L
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU029018.D
Acq: 04 Jan 2019 11:04

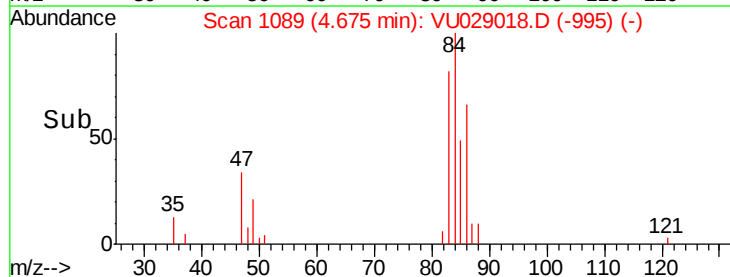
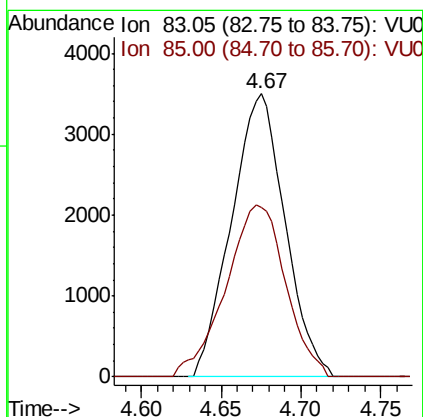
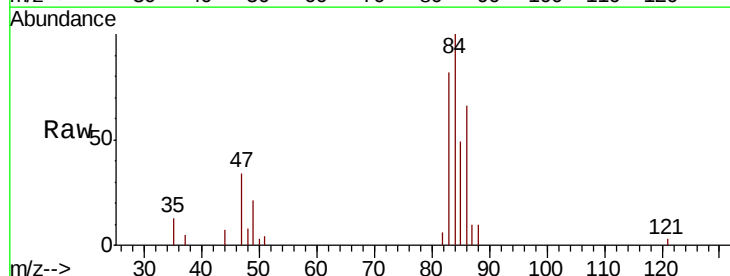
Instrument :
MSVOA_U
ClientSampleId :
BEJF1

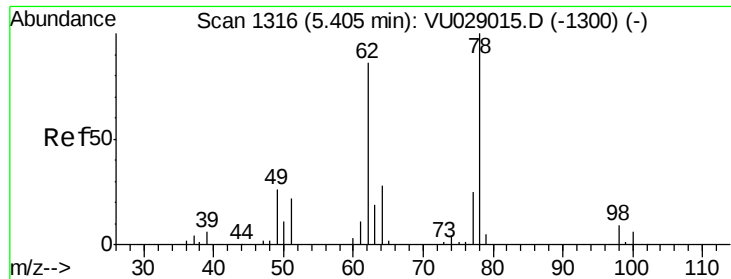
Tgt Ion: 73 Resp: 5168
Ion Ratio Lower Upper
73 100
43 11.4 13.8 20.8#
57 25.2 17.5 26.3



#25
Chloroform
Concen: 0.700 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VU029018.D
Acq: 04 Jan 2019 11:04

Tgt Ion: 83 Resp: 8025
Ion Ratio Lower Upper
83 100
85 60.0 45.6 84.8

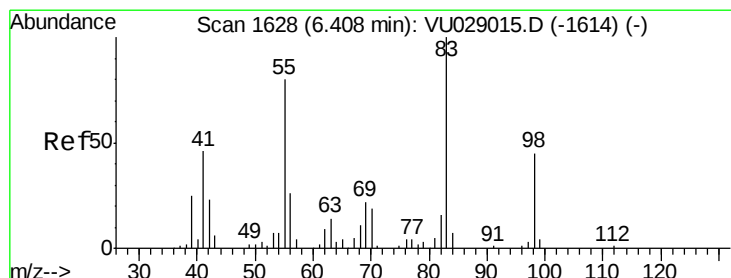
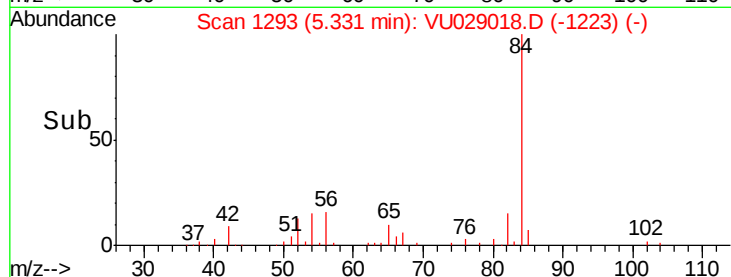
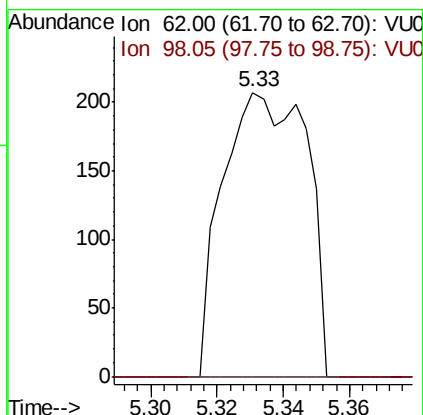
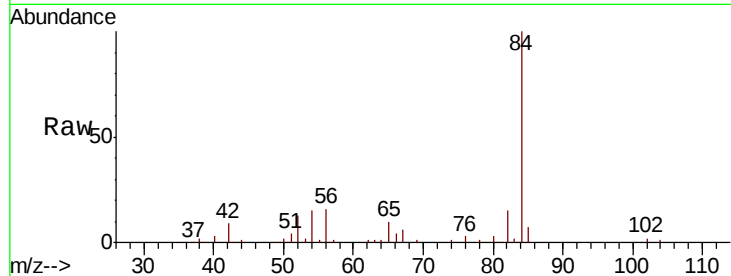




#27
 1,2-Dichloroethane
 Concen: 0.054 ug/L
 RT: 5.33 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: VU029018.D
 Acq: 04 Jan 2019 11:04

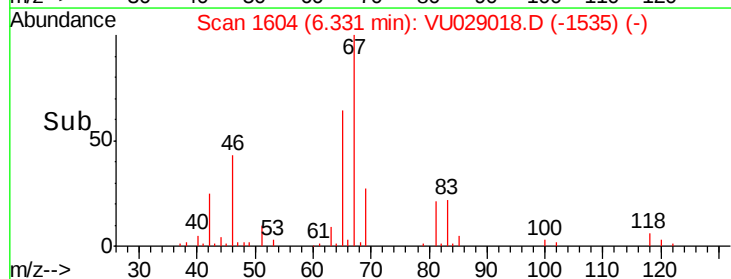
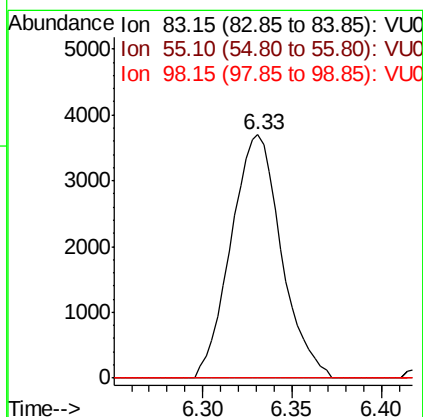
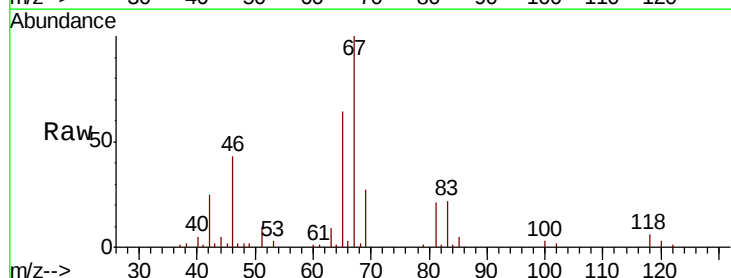
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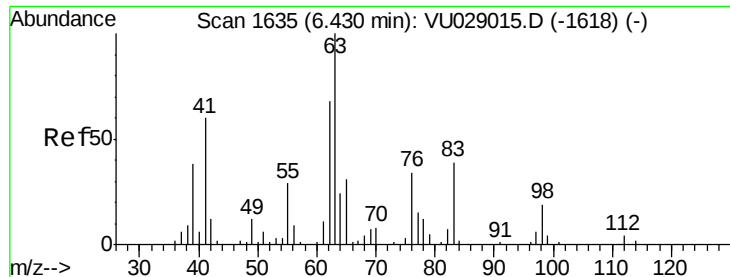
Tgt Ion: 62 Resp: 366
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.2 12.2#



#35
 Methylcyclohexane
 Concen: 0.584 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.08 min
 Lab File: VU029018.D
 Acq: 04 Jan 2019 11:04

Tgt Ion: 83 Resp: 7243
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.8 89.6#
 98 0.0 37.0 55.6#





#37

1,2-Dichloropropane

Concen: 0.434 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.10 min

Lab File: VU029018.D

Acq: 04 Jan 2019 11:04

Instrument :

MSVOA_U

ClientSampleId :

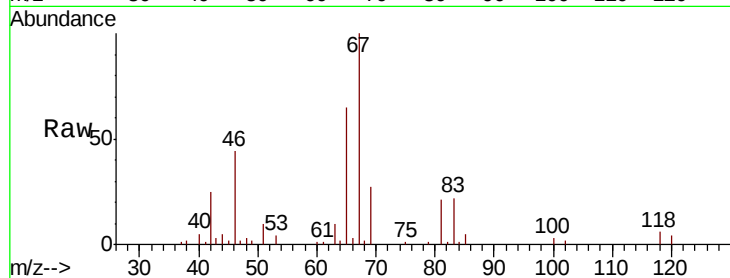
BEJF1

Tgt Ion: 63 Resp: 3120

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



Abundance Ion 63.10 (62.80 to 63.80): VU029018.D (-1618) (-)

Ion 112.10 (111.80 to 112.80): VU029018.D (-1618) (-)

6.33

1500

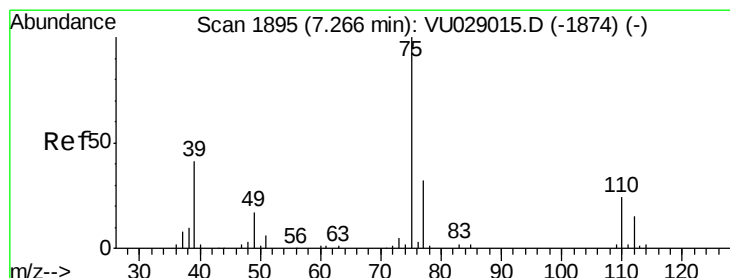
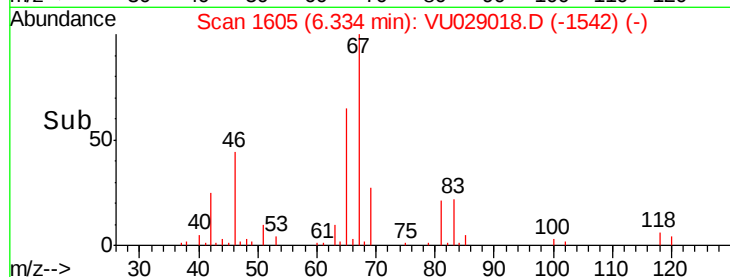
1000

500

0

6.30 6.35

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 7.23 min Scan# 1884

Delta R.T. -0.04 min

Lab File: VU029018.D

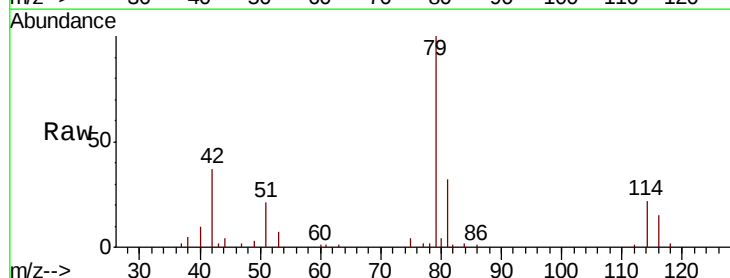
Acq: 04 Jan 2019 11:04

Tgt Ion: 75 Resp: 661

Ion Ratio Lower Upper

75 100

77 56.4 21.5 39.9#



Abundance Ion 75.05 (74.75 to 75.75): VU029018.D (-1874) (-)

Ion 77.05 (76.75 to 77.75): VU029018.D (-1874) (-)

7.23

400

300

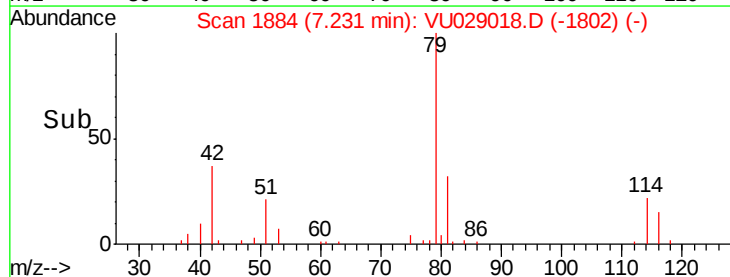
200

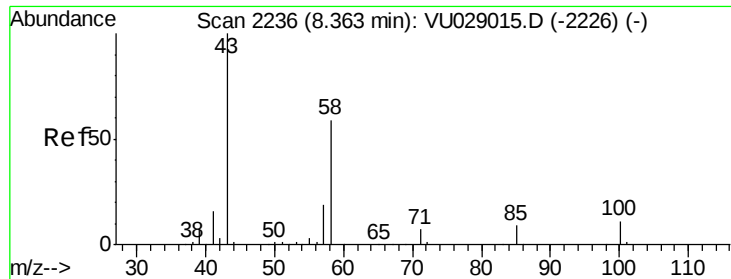
100

0

7.18 7.20 7.22 7.24 7.26

Time-->

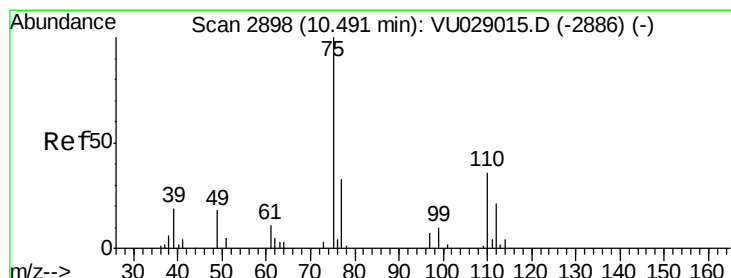
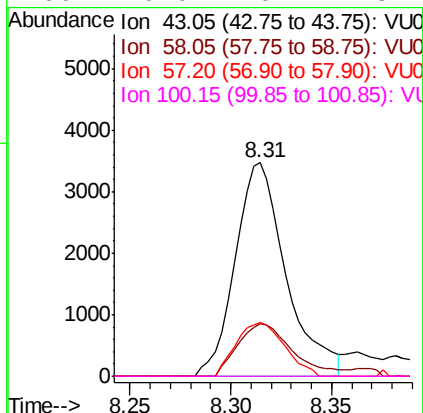
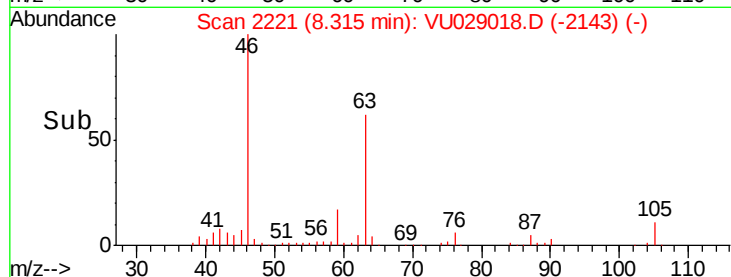
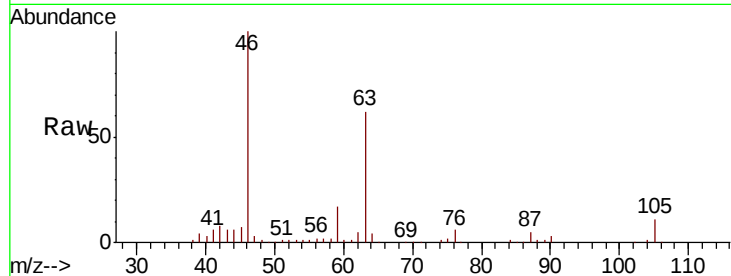




#48
 2-Hexanone
 Concen: 2.314 ug/L
 RT: 8.31 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: VU029018.D
 Acq: 04 Jan 2019 11:04

Instrument :
 MSVOA_U
 ClientSampleId :
 BEJF1

Tgt Ion: 43 Resp: 6126
 Ion Ratio Lower Upper
 43 100
 58 26.3 48.8 73.2#
 57 24.0 16.0 24.0#
 100 0.0 10.2 15.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.181 ug/L
 RT: 11.48 min Scan# 3206
 Delta R.T. 0.99 min
 Lab File: VU029018.D
 Acq: 04 Jan 2019 11:04

Tgt Ion: 75 Resp: 4950
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.0 39.0

