

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020119\
 Data File : VU029336.D
 Acq On : 01 Feb 2019 17:07
 Operator : JC/SP
 Sample : K1287-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Feb 01 23:54:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR020119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 01 23:50:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	61310	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	63049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	29558	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	24705	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.68	69	24902	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.27	63	50755	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.19	46	78610	50.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.28%
24) Chloroform-d	4.65	84	55818	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.31	65	35399	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.34	84	93428	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.33	67	29757	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.56	98	80305	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.85	79	13596	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.31	63	59037	49.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.48%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	24484	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	33030	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

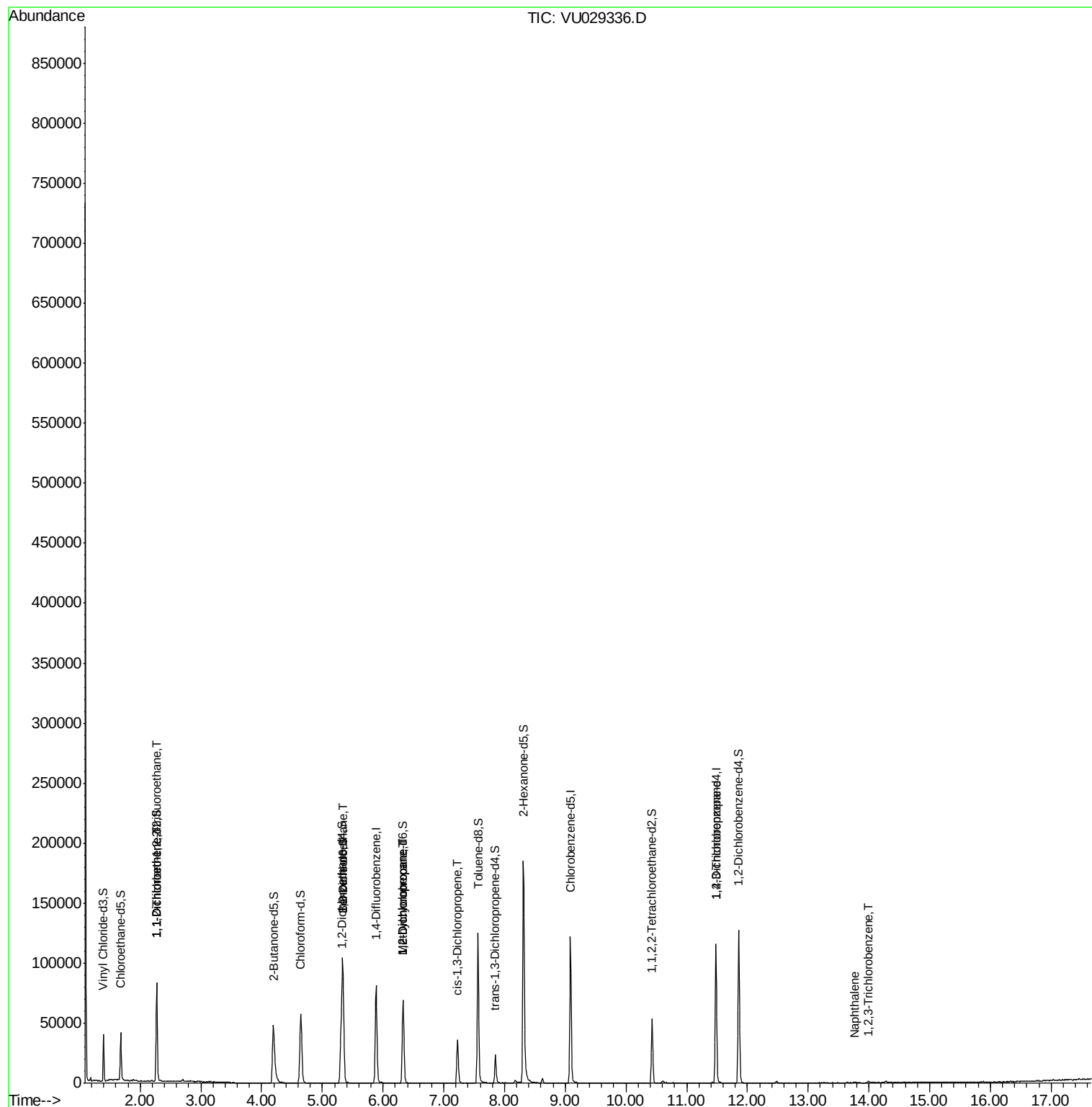
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	273	0.049 ug/L #	20
12) 1,1-Dichloroethene	2.28	96	286	0.060 ug/L #	1
27) 1,2-Dichloroethane	5.33	62	664	0.080 ug/L #	82
35) Methylcyclohexane	6.32	83	7441	0.920 ug/L #	13
37) 1,2-Dichloropropane	6.33	63	3887	0.707 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1120	0.140 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	3521	0.899 ug/L #	82
69) Naphthalene	13.75	128	563	0.048 ug/L #	67
70) 1,2,3-Trichlorobenzene	13.99	180	957	0.134 ug/L #	77

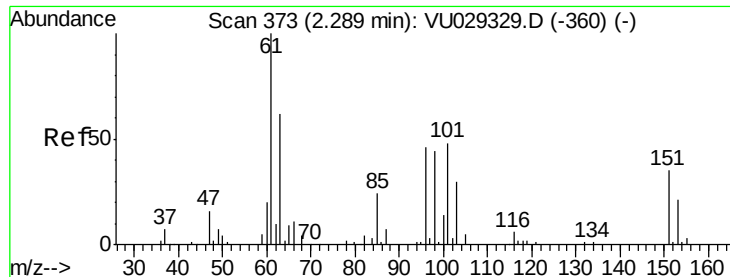
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.049 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029336.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

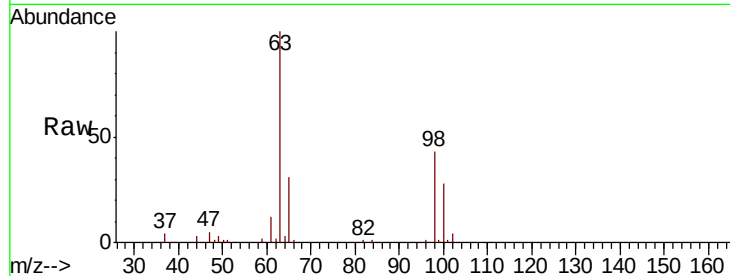
Tgt Ion: 101 Resp: 273

Ion Ratio Lower Upper

101 100

85 0.0 39.6 59.4#

151 0.0 57.2 85.8#



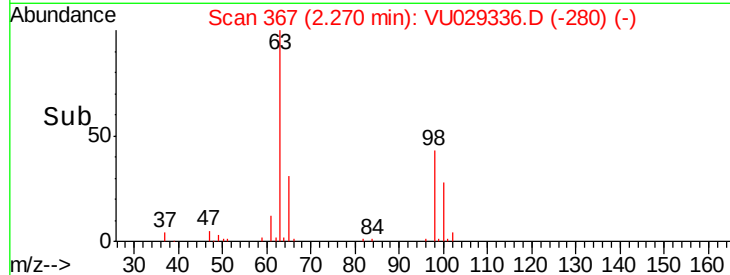
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

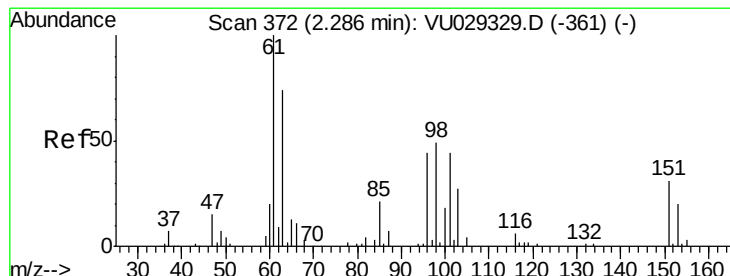
Ion 151.00 (150.70 to 151.70): V

2.27

2.26 2.28 2.30



Time-->



#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VU029336.D

Acq: 01 Feb 2019 17:07

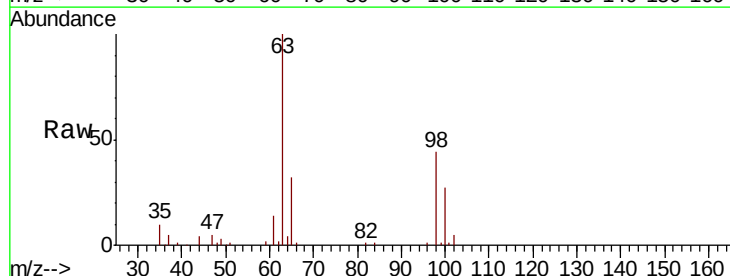
Tgt Ion: 96 Resp: 286

Ion Ratio Lower Upper

96 100

61 1604.5 159.5 296.1#

63 11741.8 124.3 230.8#



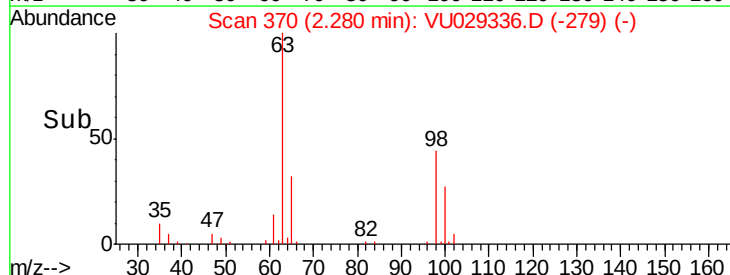
Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

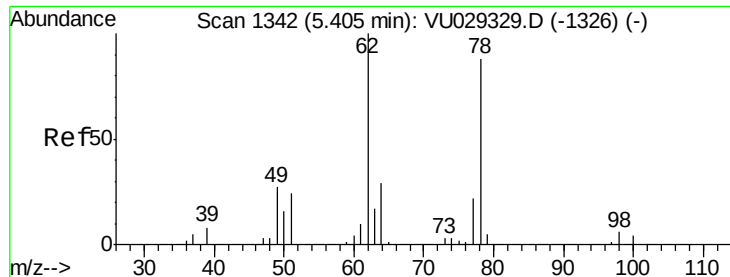
Ion 63.00 (62.70 to 63.70): VU0

2.28

2.24 2.26 2.28 2.30



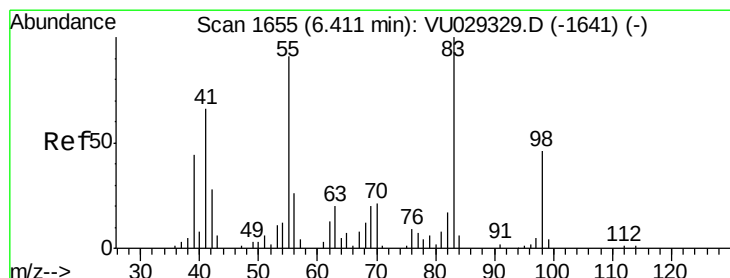
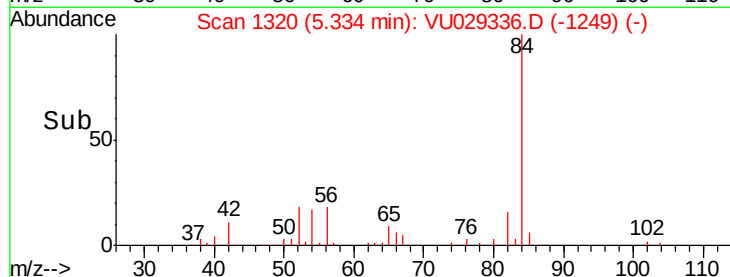
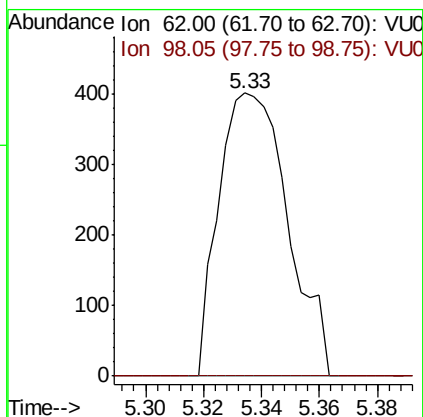
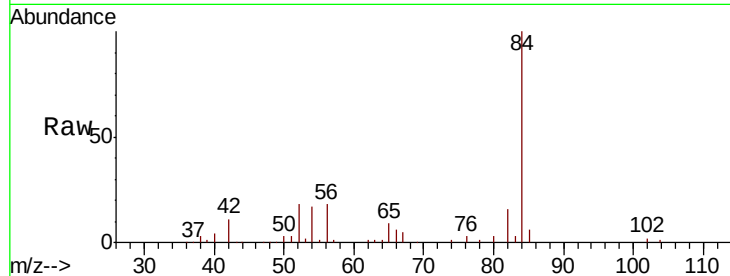
Time-->



#27
 1,2-Dichloroethane
 Concen: 0.080 ug/L
 RT: 5.33 min Scan# 1320
 Delta R.T. -0.07 min
 Lab File: VU029336.D
 Acq: 01 Feb 2019 17:07

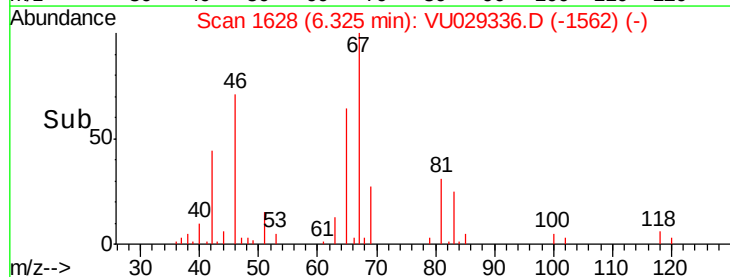
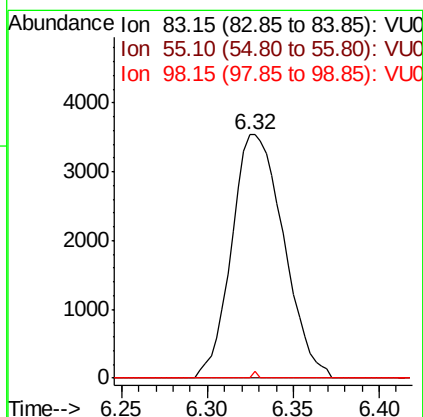
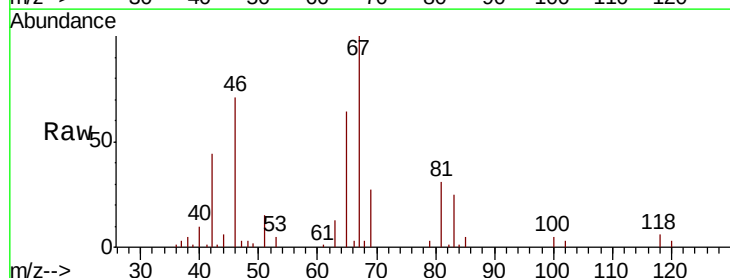
Instrument :
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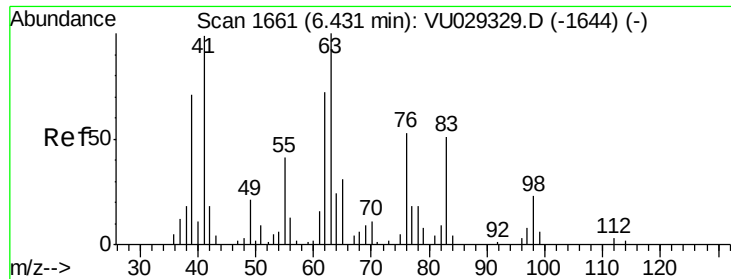
Tgt Ion: 62 Resp: 664
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.9 7.3#



#35
 Methylcyclohexane
 Concen: 0.920 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.09 min
 Lab File: VU029336.D
 Acq: 01 Feb 2019 17:07

Tgt Ion: 83 Resp: 7441
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.2 108.4#
 98 0.3 36.6 54.8#

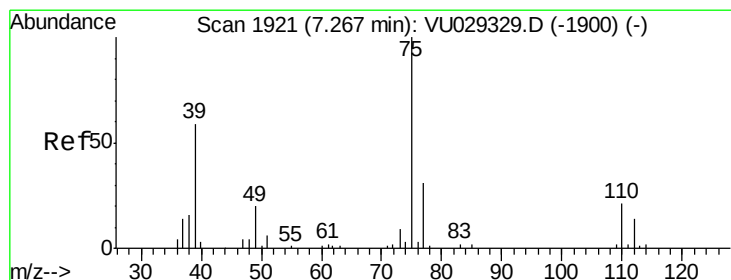
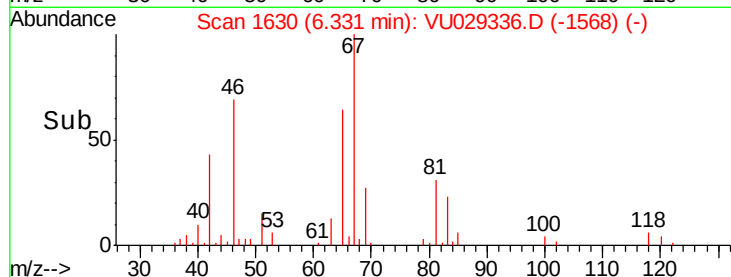
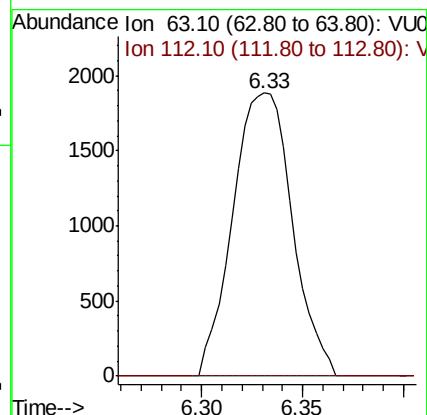
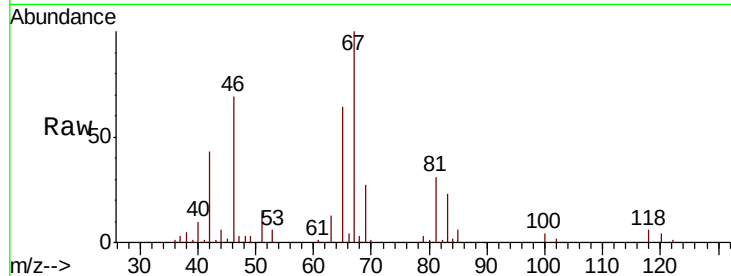




#37
 1,2-Dichloropropane
 Concen: 0.707 ug/L
 RT: 6.33 min Scan# 1630
 Delta R.T. -0.10 min
 Lab File: VU029336.D
 Acq: 01 Feb 2019 17:07

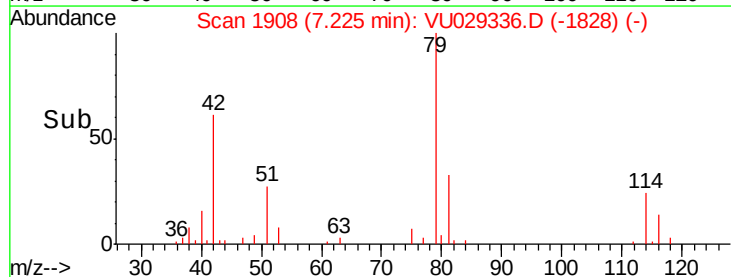
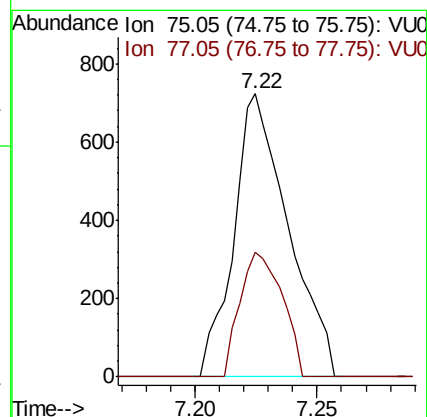
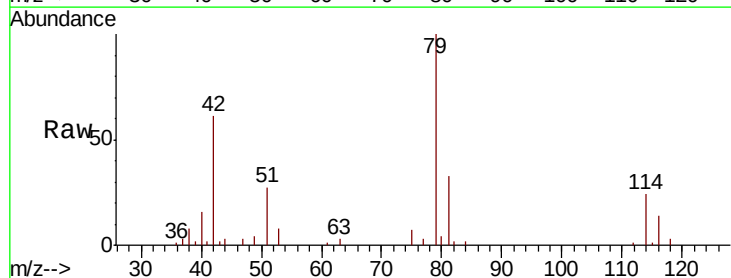
Instrument :
 MSVOA_U
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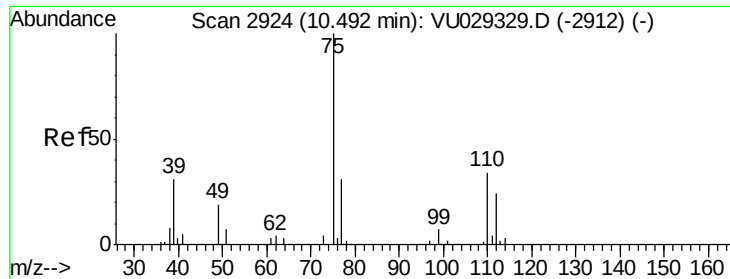
Tgt Ion: 63 Resp: 3887
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.140 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU029336.D
 Acq: 01 Feb 2019 17:07

Tgt Ion: 75 Resp: 1120
 Ion Ratio Lower Upper
 75 100
 77 44.3 22.0 40.8#

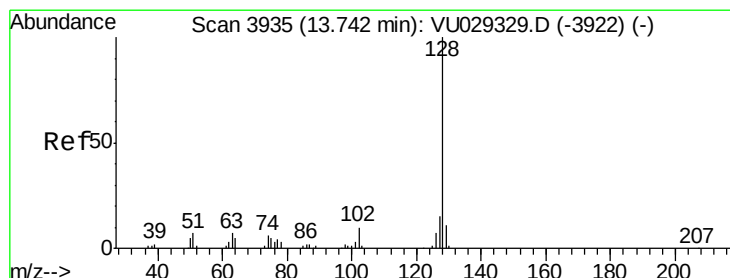
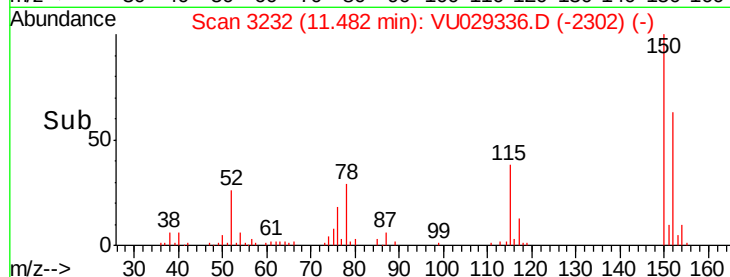
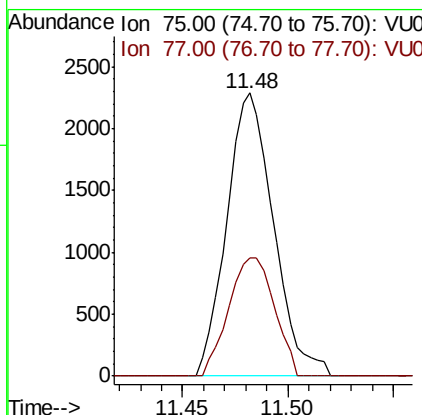
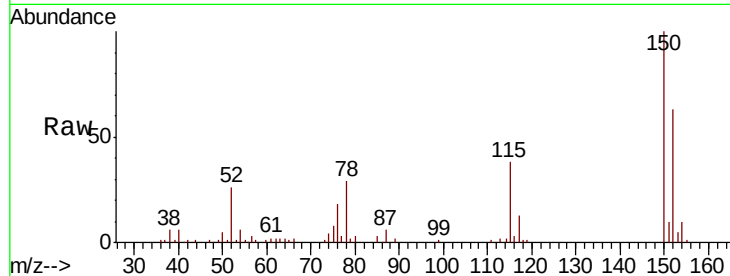




#59
 1,2,3-Trichloropropane
 Concen: 0.899 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU029336.D
 Acq: 01 Feb 2019 17:07

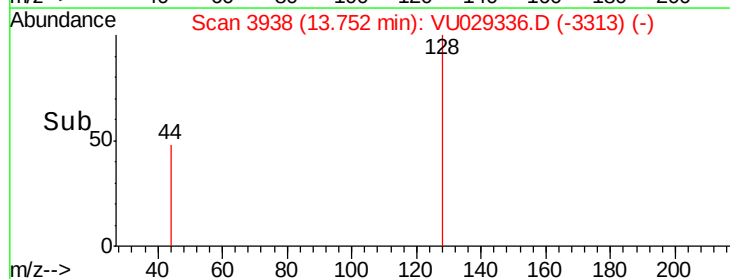
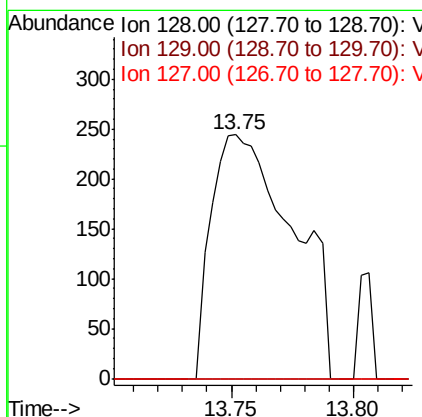
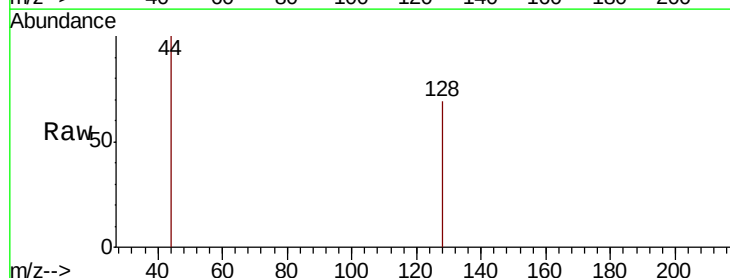
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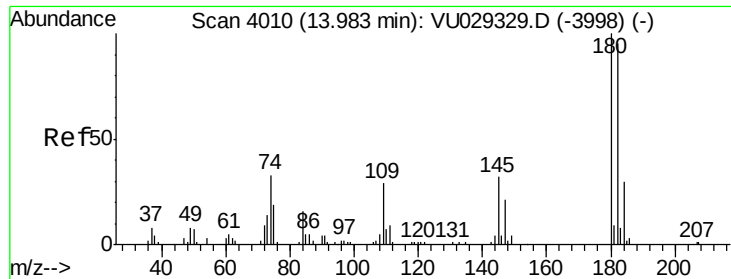
Tgt Ion: 75 Resp: 3521
 Ion Ratio Lower Upper
 75 100
 77 40.6 24.7 37.1#



#69
 Naphthalene
 Concen: 0.048 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. 0.01 min
 Lab File: VU029336.D
 Acq: 01 Feb 2019 17:07

Tgt Ion: 128 Resp: 563
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.9 13.3#
 127 0.0 11.5 17.3#





#70
 1,2,3-Trichlorobenzene
 Concen: 0.134 ug/L
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU029336.D
 Acq: 01 Feb 2019 17:07

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion:180 Resp: 957
 Ion Ratio Lower Upper
 180 100
 182 72.5 76.1 114.1#
 145 19.4 25.1 37.7#

