

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020119\
 Data File : VU029333.D
 Acq On : 01 Feb 2019 15:08
 Operator : JC/SP
 Sample : VU0201WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK48

Quant Time: Feb 01 23:53:48 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	78728	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	79718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	37477	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27611	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.68	69	25988	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.27	63	52477	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	4.20	46	81136	40.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.40%
24) Chloroform-d	4.65	84	58302	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.31	65	37642	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.34	84	101447	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.33	67	32164	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.56	98	87333	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.85	79	15020	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.31	63	62748	41.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26337	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	34730	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

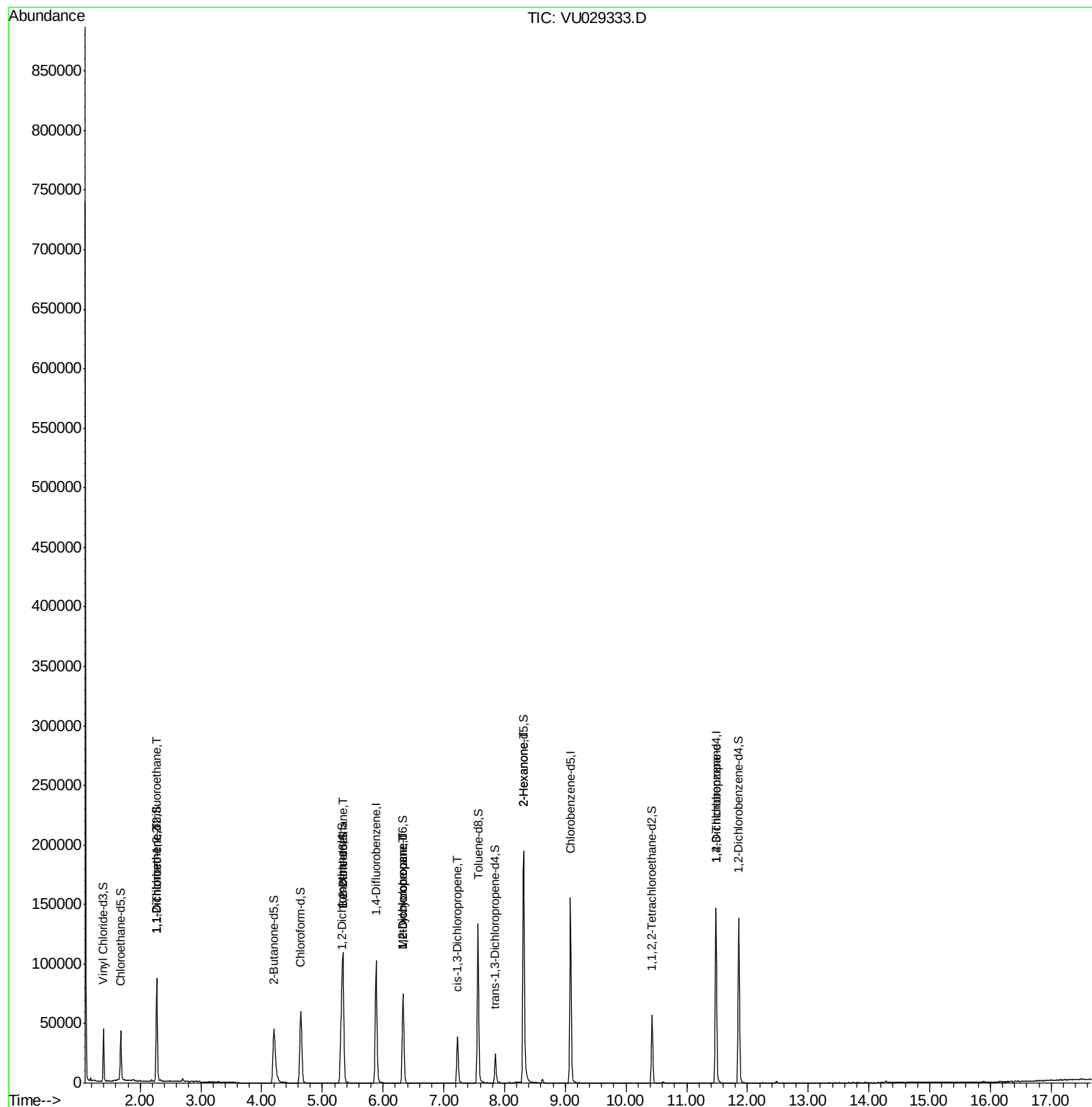
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	430	0.060 ug/L #	20
12) 1,1-Dichloroethene	2.27	96	347	0.057 ug/L #	1
27) 1,2-Dichloroethane	5.34	62	638	0.060 ug/L #	82
35) Methylcyclohexane	6.33	83	7999	0.782 ug/L #	13
37) 1,2-Dichloropropane	6.33	63	4117	0.592 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	1150	0.114 ug/L #	77
48) 2-Hexanone	8.31	43	9449	2.624 ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	4526	0.914 ug/L #	81

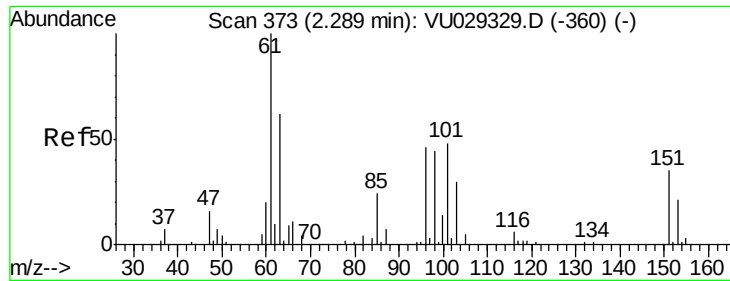
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 01 23:50:10 2019
Response via : Initial Calibration





#10

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

Concen: 0.060 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.02 min

Lab File: VU029333.D

Acq: 01 Feb 2019 15:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK48

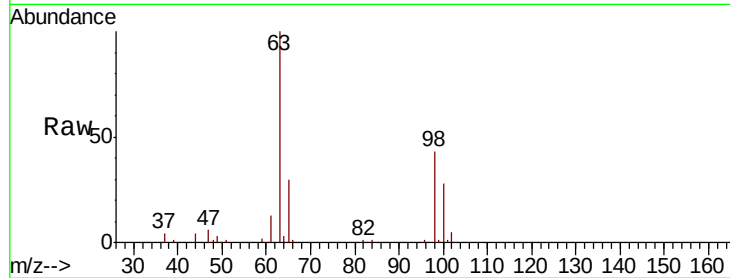
Tgt Ion: 101 Resp: 430

Ion Ratio Lower Upper

101 100

85 0.0 39.6 59.4#

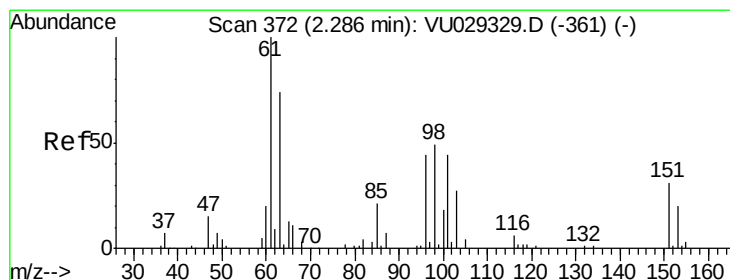
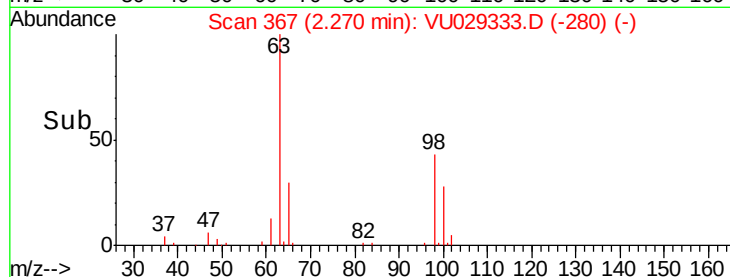
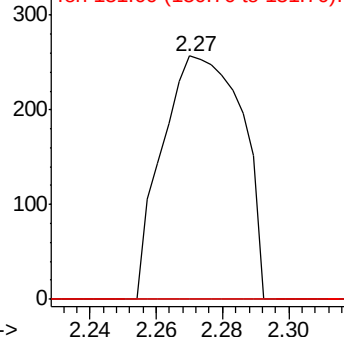
151 0.0 57.2 85.8#



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



#12

1,1-Dichloroethene

Concen: 0.057 ug/L

RT: 2.27 min Scan# 368

Delta R.T. -0.01 min

Lab File: VU029333.D

Acq: 01 Feb 2019 15:08

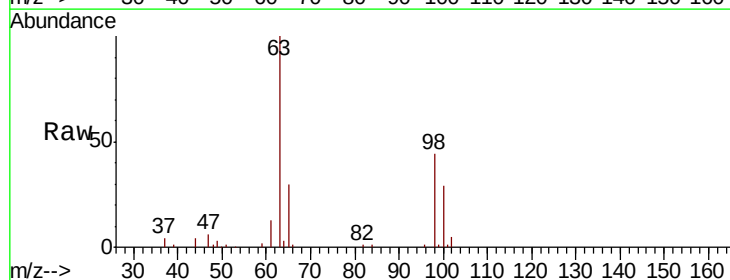
Tgt Ion: 96 Resp: 347

Ion Ratio Lower Upper

96 100

61 1727.6 159.5 296.1#

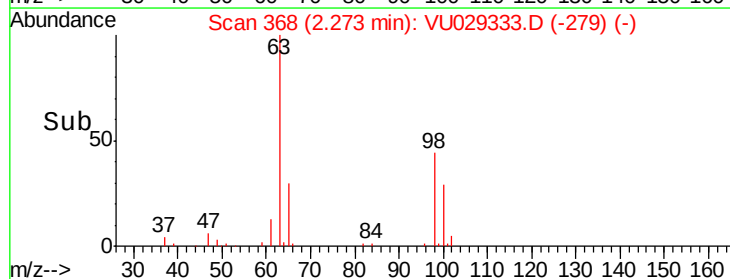
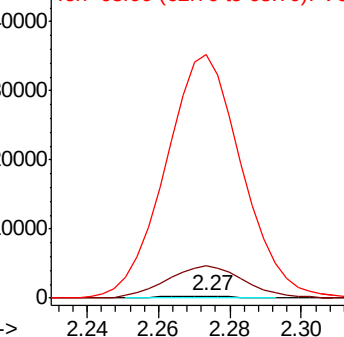
63 13143.3 124.3 230.8#

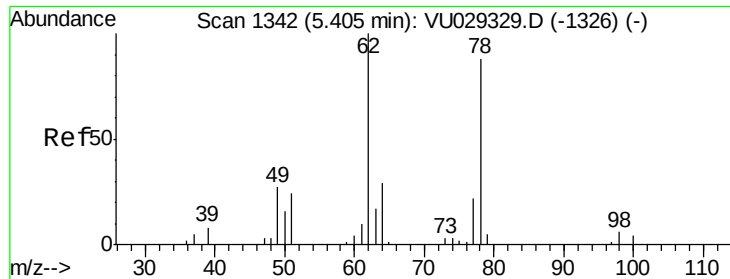


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

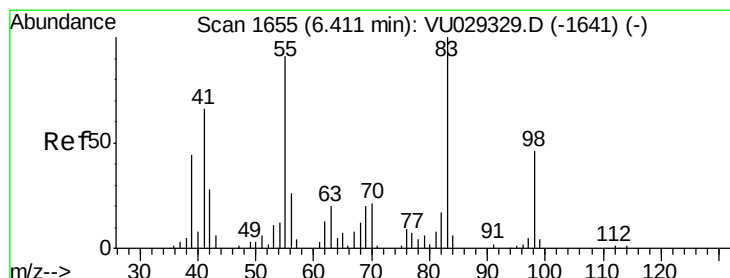
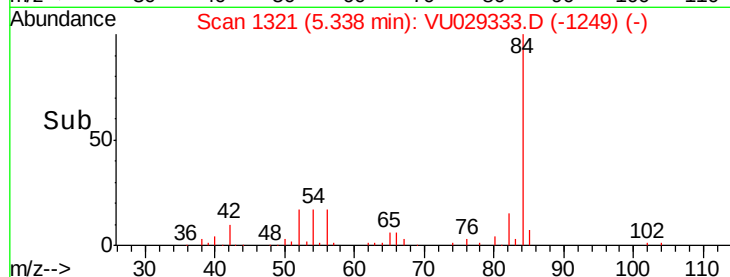
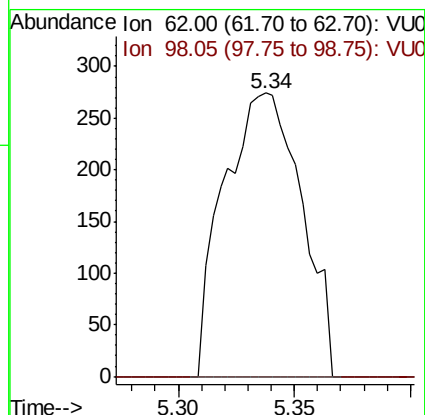
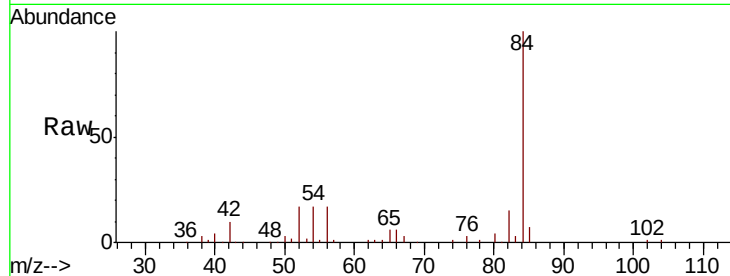




#27
 1,2-Dichloroethane
 Concen: 0.060 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.07 min
 Lab File: VU029333.D
 Acq: 01 Feb 2019 15:08

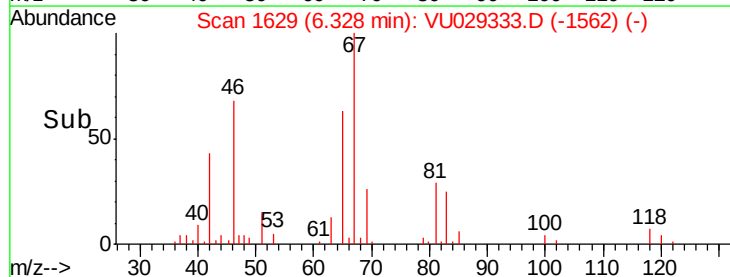
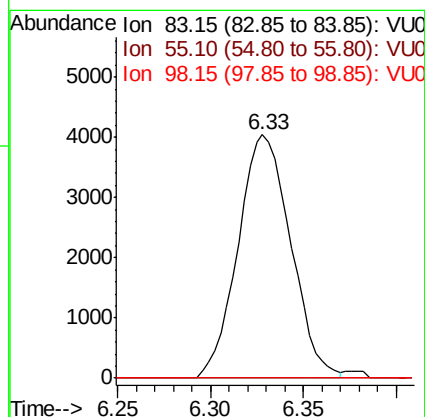
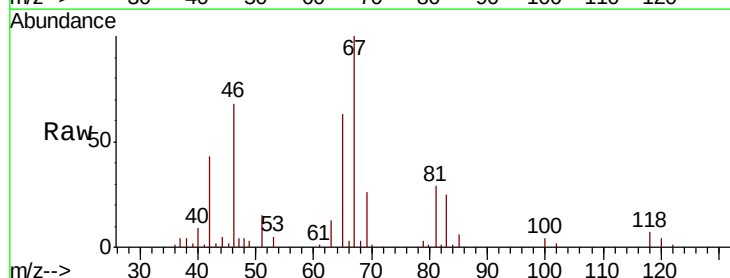
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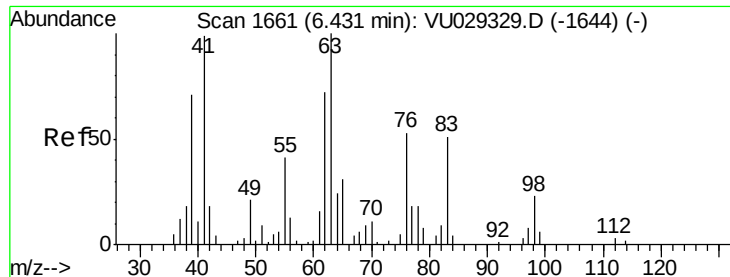
Tgt Ion: 62 Resp: 638
 Ion Ratio Lower Upper
 62 100
 98 0.0 4.9 7.3#



#35
 Methylcyclohexane
 Concen: 0.782 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.08 min
 Lab File: VU029333.D
 Acq: 01 Feb 2019 15:08

Tgt Ion: 83 Resp: 7999
 Ion Ratio Lower Upper
 83 100
 55 0.0 72.2 108.4#
 98 0.3 36.6 54.8#

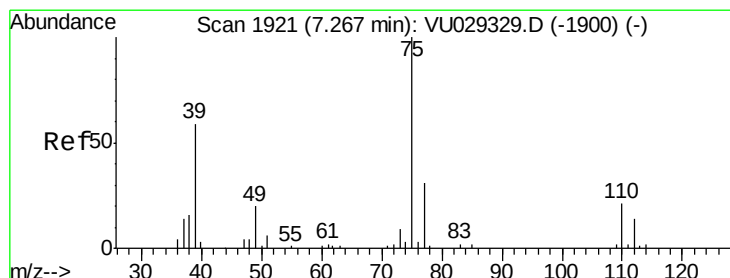
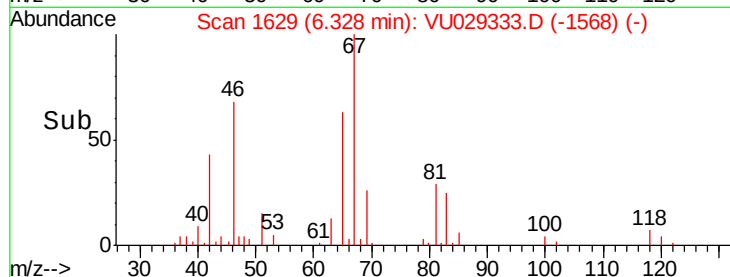
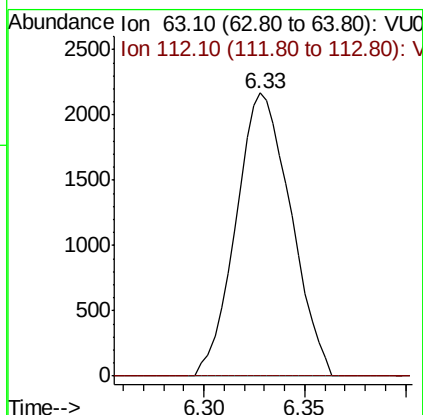
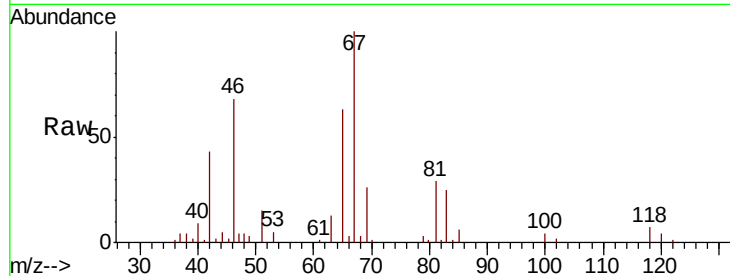




#37
 1,2-Dichloropropane
 Concen: 0.592 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU029333.D
 Acq: 01 Feb 2019 15:08

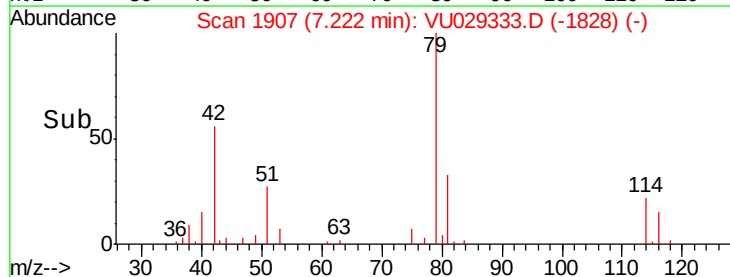
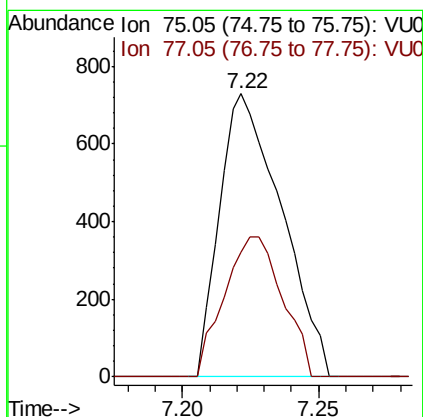
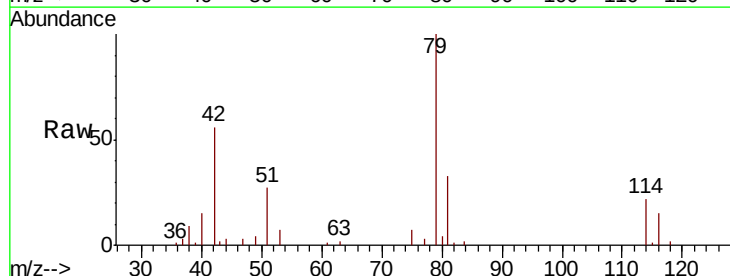
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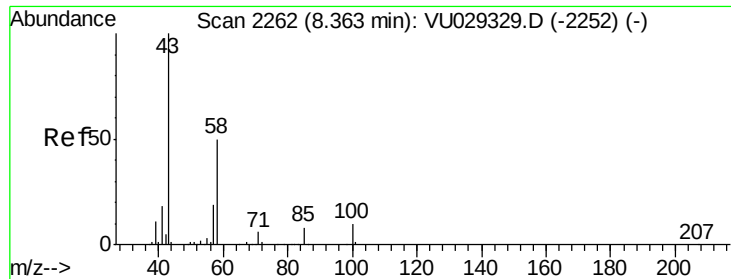
Tgt Ion: 63 Resp: 4117
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.05 min
 Lab File: VU029333.D
 Acq: 01 Feb 2019 15:08

Tgt Ion: 75 Resp: 1150
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.0 40.8#

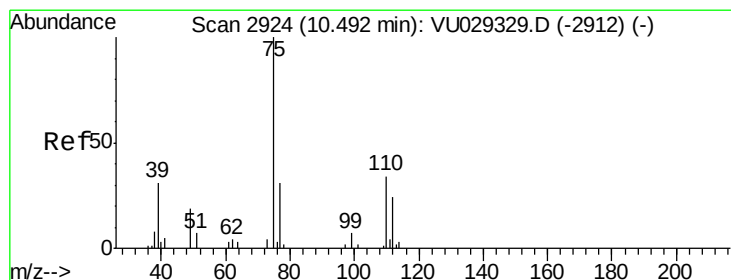
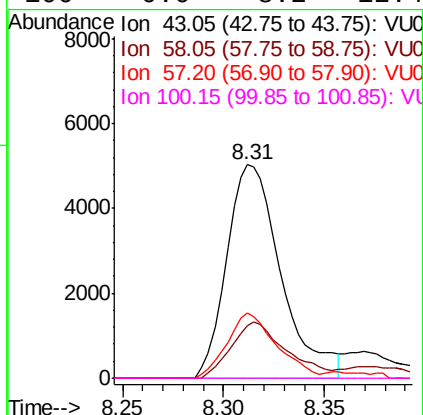
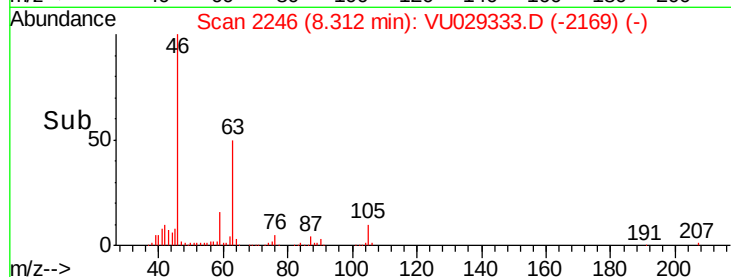
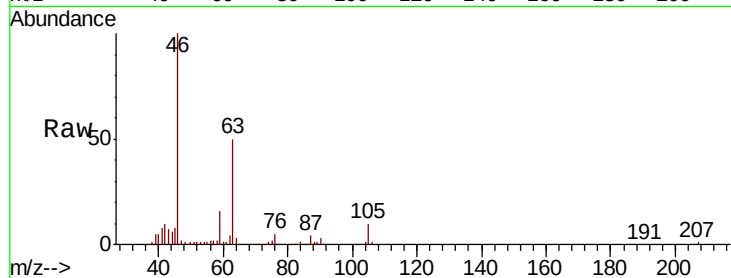




#48
2-Hexanone
Concen: 2.624 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU029333.D
Acq: 01 Feb 2019 15:08

Instrument :
MSVOA_U
ClientSampleId :
VBLK48

Tgt Ion: 43 Resp: 9449
Ion Ratio Lower Upper
43 100
58 26.8 39.4 59.0#
57 28.2 15.1 22.7#
100 0.0 8.2 12.4#



#59
1,2,3-Trichloropropane
Concen: 0.914 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU029333.D
Acq: 01 Feb 2019 15:08

Tgt Ion: 75 Resp: 4526
Ion Ratio Lower Upper
75 100
77 41.5 24.7 37.1#

